

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#0  | 19.54 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#6  | 19.59 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#13 | 19.50 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 19.61 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 20.82 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 20.92 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 20.74 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 19.69 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 19.69 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 19.75 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 19.88 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 21.39 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 21.44 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 21.54 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 20.58 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 20.48 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 20.56 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 20.46 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 21.50 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 21.75 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 21.62 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 20.57 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 20.69 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 20.72 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 20.67 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 21.70 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 21.95 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 21.94 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 20.81 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 20.74 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 20.76 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 20.81 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 20.78 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 20.63 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 20.75 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 19.52 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 19.48 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 19.53 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 19.49 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 20.12 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 20.53 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 20.35 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 19.72 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 19.82 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 19.88 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 19.50 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 21.28 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 21.45 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 21.52 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 19.69 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 19.70 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 19.92 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 19.83 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 21.33 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 21.51 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 21.61 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 36RB#0  | 20.46 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 36RB#18 | 20.57 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 36RB#37 | 20.57 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 20.52 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 21.65 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 21.65 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 21.69 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 36RB#0  | 20.57 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 36RB#18 | 20.57 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 36RB#37 | 20.57 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 20.60 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 21.72 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 21.90 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 21.97 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 36RB#0  | 20.68 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 36RB#18 | 20.68 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 36RB#37 | 20.69 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 20.76 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 20.78 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 20.71 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 20.82 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 36RB#0  | 19.43 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 36RB#18 | 19.43 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 36RB#37 | 19.46 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 19.79 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 20.71 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 20.52 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 20.56 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 36RB#0  | 19.59 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 36RB#18 | 19.58 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 36RB#37 | 19.41 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 19.65 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 20.89 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 20.89 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 20.98 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 36RB#0  | 19.82 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 36RB#18 | 19.73 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 36RB#37 | 19.67 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 19.80 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 21.42 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 21.47 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 21.50 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 20.51 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 20.51 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 20.63 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 20.61 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 21.81 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 21.99 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 21.98 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 20.60 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 20.61 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 20.74 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 20.57 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 21.63 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 21.73 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 21.79 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 20.72 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 20.82 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 20.76 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 20.70 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 21.02 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 21.43 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 21.08 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 19.62 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 19.63 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 19.78 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 19.70 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 20.68 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 20.87 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 20.69 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 19.58 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 19.67 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 19.62 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 19.62 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 20.60 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 20.79 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 20.58 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 19.73 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 19.83 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 19.78 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 19.67 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 1RB#0   | 21.72 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 1RB#12  | 21.68 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 1RB#24  | 21.69 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 12RB#0  | 20.87 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 12RB#6  | 20.88 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 12RB#13 | 20.87 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 25RB#0  | 20.83 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 1RB#0   | 21.59 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 1RB#12  | 21.69 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 1RB#24  | 21.62 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 12RB#0  | 20.80 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 5MHz  | QPSK  | 40620 | 12RB#6  | 20.80 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 12RB#13 | 20.90 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 25RB#0  | 20.77 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 1RB#0   | 22.15 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 1RB#12  | 22.21 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 1RB#24  | 22.15 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 12RB#0  | 21.46 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 12RB#6  | 21.38 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 12RB#13 | 21.32 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 25RB#0  | 21.36 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 1RB#0   | 20.70 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 1RB#12  | 20.87 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 1RB#24  | 20.75 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 12RB#0  | 19.90 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 12RB#6  | 19.90 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 12RB#13 | 19.79 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 25RB#0  | 19.87 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#0   | 20.69 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#12  | 20.90 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#24  | 20.73 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#0  | 19.74 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#6  | 19.84 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#13 | 19.92 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 25RB#0  | 19.91 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#0   | 21.56 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#12  | 21.40 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#24  | 21.43 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#0  | 20.43 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#6  | 20.70 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#13 | 20.42 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 25RB#0  | 20.54 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0   | 21.72 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#24  | 21.70 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 22.04 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 20.89 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 20.93 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 21.09 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 20.97 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 21.64 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 21.73 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 21.69 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 20.90 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 20.80 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 20.88 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 20.88 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 22.25 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 22.42 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 22.20 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 21.48 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 21.43 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 21.44 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 21.43 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0   | 20.81 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24  | 21.05 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 21.06 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 19.92 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 19.92 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 20.10 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 19.88 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 20.76 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 21.14 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 21.10 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 19.81 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 19.74 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 20.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 20.03 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 21.59 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 21.87 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 21.64 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 20.58 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 20.58 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 20.73 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 20.43 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 21.48 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 21.70 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 21.75 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#0  | 20.74 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#18 | 20.74 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#37 | 20.74 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 20.83 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 21.56 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 21.65 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 21.61 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#0  | 20.81 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#18 | 20.82 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#37 | 20.82 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 20.85 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 22.44 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 22.32 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 22.22 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#0  | 21.57 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#18 | 21.50 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#37 | 21.50 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 21.43 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 20.87 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 20.81 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 20.93 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#0  | 19.78 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#18 | 19.78 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#37 | 19.80 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 19.88 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 20.99 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 20.98 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 21.02 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#0  | 19.79 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#18 | 19.88 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#37 | 19.88 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 20.03 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 21.42 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 21.40 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 21.25 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 15MHz | 16QAM | 41515 | 36RB#0  | 20.55 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#18 | 20.55 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#37 | 20.55 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 20.56 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 21.52 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 21.78 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 21.76 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 20.80 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 20.80 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 21.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 20.86 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 21.34 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 21.67 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 21.83 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 20.86 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 20.81 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 20.92 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 20.86 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 22.65 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 22.84 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 22.47 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 21.59 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 21.53 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 21.46 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 21.49 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 21.23 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 21.73 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 21.36 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 19.95 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 19.85 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 20.14 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 20.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 21.29 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 21.79 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 21.44 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 19.93 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 19.93 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 19.99 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 19.99 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 21.59 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 21.75 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 21.40 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 20.72 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 20.63 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 20.67 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 20.67 | PASS |

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

### Test Result

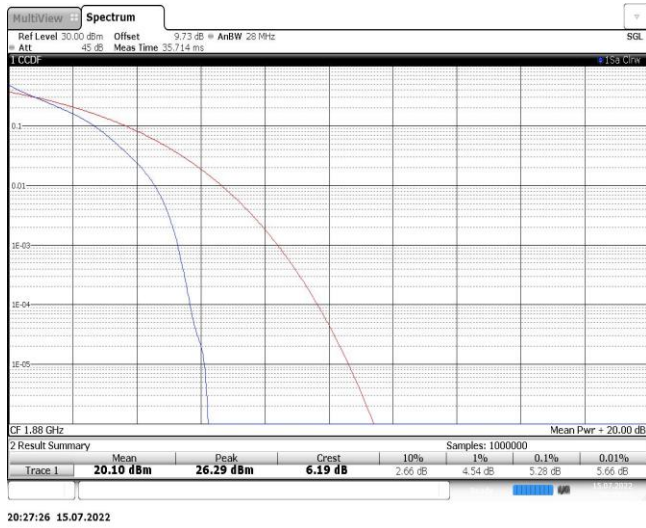
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 5.28       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 6.08       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.48       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 6.28       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 5.42       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 6.18       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 5.38       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 6.14       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 5.50       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 75RB#0           | 6.20       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.32       | 13        | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0          | 6.10       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.32       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 6.12       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.40       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.20       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.40       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.14       | 13        | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 5.34       | 13        | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 6.12       | 13        | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 5.40       | 13        | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 6.12       | 13        | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 5.18       | 13        | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 6.04       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 5.42       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 6.24       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 5.44       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 6.30       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 5.40       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 6.24       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 5.40       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 6.22       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 5.32       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 6.10       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 5.32       | 13        | PASS    |

|        |        |       |       |         |      |    |      |
|--------|--------|-------|-------|---------|------|----|------|
| Band7  | 10MHz  | 16QAM | 21100 | 50RB#0  | 6.12 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21100 | 75RB#0  | 5.46 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 75RB#0  | 6.22 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 100RB#0 | 5.30 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 100RB#0 | 6.10 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 5.60 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0   | 6.44 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0  | 5.70 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0  | 6.54 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 25RB#0  | 5.66 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 25RB#0  | 6.46 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 50RB#0  | 5.60 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 50RB#0  | 6.46 | 13 | PASS |
| Band13 | 5MHz   | QPSK  | 23230 | 25RB#0  | 4.42 | 13 | PASS |
| Band13 | 5MHz   | 16QAM | 23230 | 25RB#0  | 5.30 | 13 | PASS |
| Band13 | 10MHz  | QPSK  | 23230 | 50RB#0  | 4.74 | 13 | PASS |
| Band13 | 10MHz  | 16QAM | 23230 | 50RB#0  | 5.62 | 13 | PASS |
| Band25 | 1.4MHz | QPSK  | 26365 | 6RB#0   | 5.34 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0   | 6.14 | 13 | PASS |
| Band25 | 3MHz   | QPSK  | 26365 | 15RB#0  | 5.42 | 13 | PASS |
| Band25 | 3MHz   | 16QAM | 26365 | 15RB#0  | 6.18 | 13 | PASS |
| Band25 | 5MHz   | QPSK  | 26365 | 25RB#0  | 5.42 | 13 | PASS |
| Band25 | 5MHz   | 16QAM | 26365 | 25RB#0  | 6.20 | 13 | PASS |
| Band25 | 10MHz  | QPSK  | 26365 | 50RB#0  | 5.38 | 13 | PASS |
| Band25 | 10MHz  | 16QAM | 26365 | 50RB#0  | 6.18 | 13 | PASS |
| Band25 | 15MHz  | QPSK  | 26365 | 75RB#0  | 5.50 | 13 | PASS |
| Band25 | 15MHz  | 16QAM | 26365 | 75RB#0  | 6.22 | 13 | PASS |
| Band25 | 20MHz  | QPSK  | 26365 | 100RB#0 | 5.32 | 13 | PASS |
| Band25 | 20MHz  | 16QAM | 26365 | 100RB#0 | 6.12 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 26740 | 6RB#0   | 5.54 | 13 | PASS |
| Band26 | 1.4MHz | QPSK  | 26915 | 6RB#0   | 5.44 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 26740 | 6RB#0   | 6.40 | 13 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0   | 6.28 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 15RB#0  | 5.58 | 13 | PASS |
| Band26 | 3MHz   | QPSK  | 26915 | 15RB#0  | 5.72 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 26740 | 15RB#0  | 6.48 | 13 | PASS |
| Band26 | 3MHz   | 16QAM | 26915 | 15RB#0  | 6.56 | 13 | PASS |
| Band26 | 5MHz   | QPSK  | 26740 | 25RB#0  | 5.62 | 13 | PASS |
| Band26 | 5MHz   | QPSK  | 26915 | 25RB#0  | 5.64 | 13 | PASS |
| Band26 | 5MHz   | 16QAM | 26740 | 25RB#0  | 6.44 | 13 | PASS |
| Band26 | 5MHz   | 16QAM | 26915 | 25RB#0  | 6.44 | 13 | PASS |
| Band26 | 10MHz  | QPSK  | 26740 | 50RB#0  | 5.66 | 13 | PASS |
| Band26 | 10MHz  | QPSK  | 26915 | 50RB#0  | 5.62 | 13 | PASS |

|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band26 | 10MHz | 16QAM | 26740 | 50RB#0  | 6.48 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0  | 6.42 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26915 | 75RB#0  | 5.74 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0  | 6.50 | 13 | PASS |
| Band38 | 5MHz  | QPSK  | 38000 | 25RB#0  | 8.94 | 13 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 9.74 | 13 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 8.88 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 9.72 | 13 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 9.10 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 9.82 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 8.84 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.68 | 13 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 25RB#0  | 9.00 | 13 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 25RB#0  | 9.78 | 13 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 8.88 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 9.74 | 13 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 9.08 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 9.82 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 8.80 | 13 | PASS |
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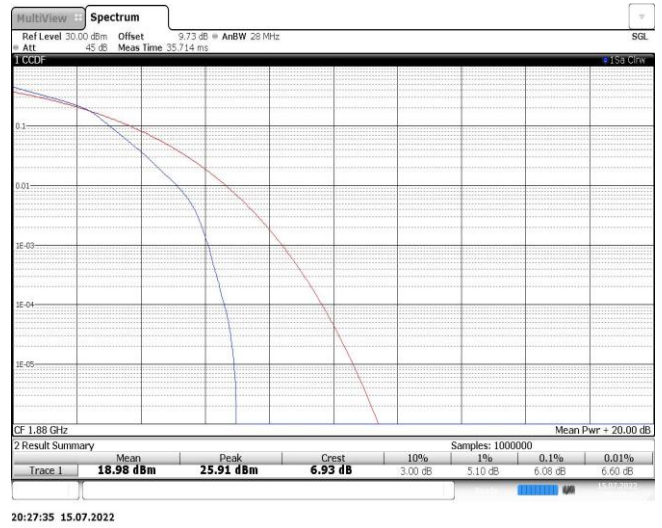
# Test Graphs

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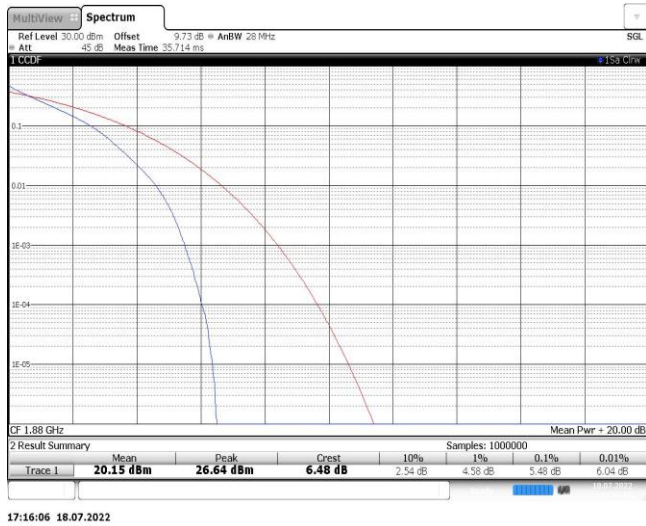
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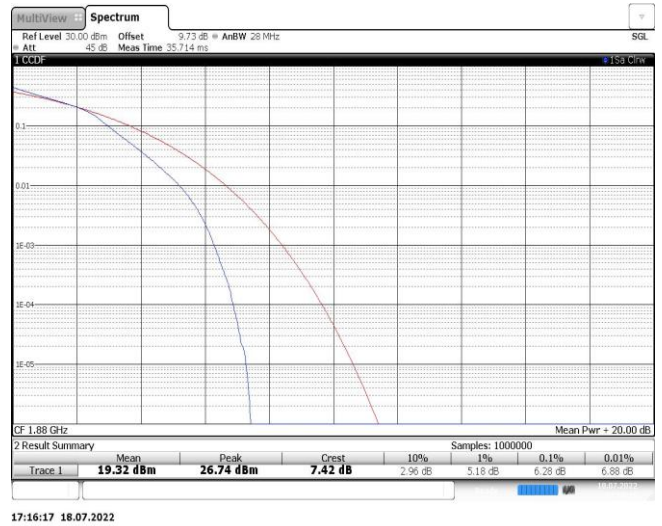
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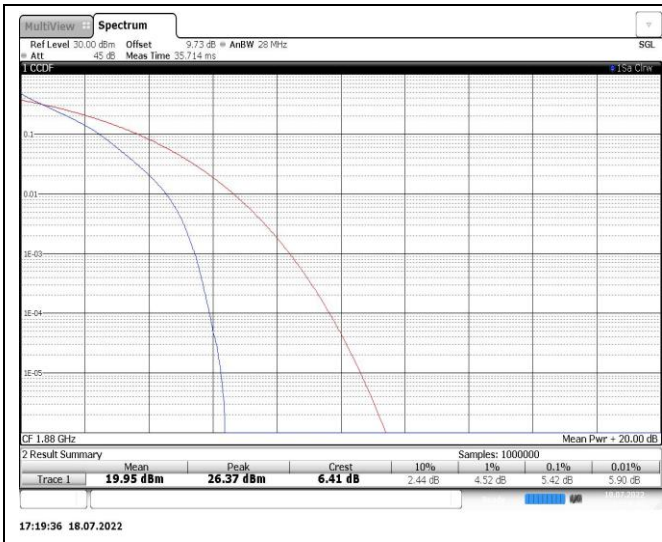
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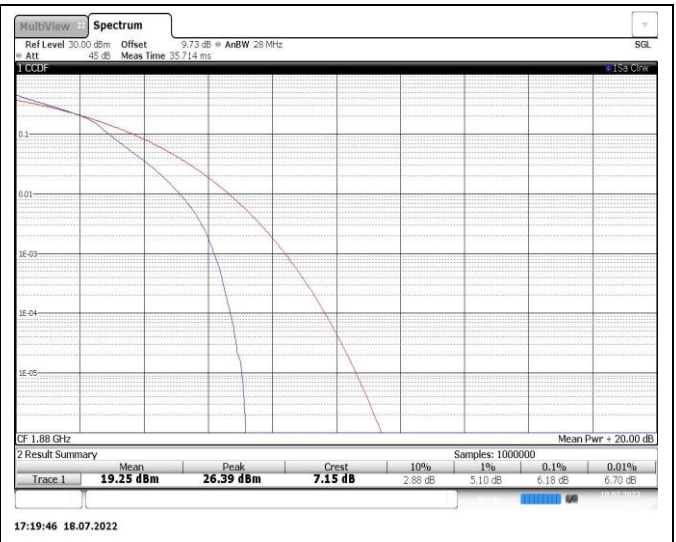
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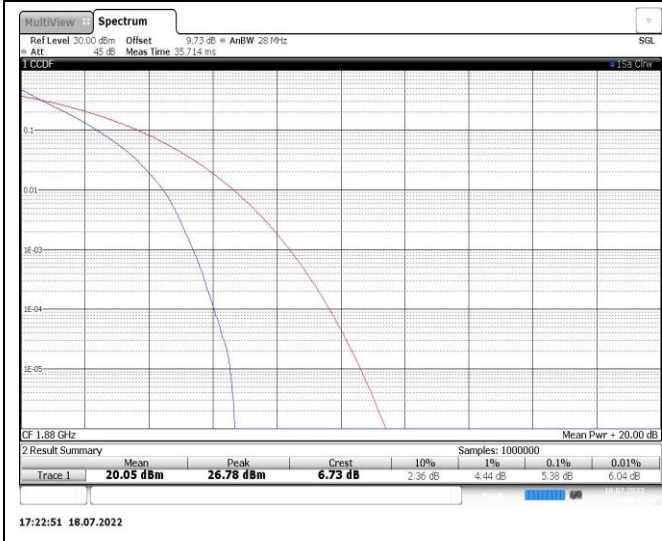
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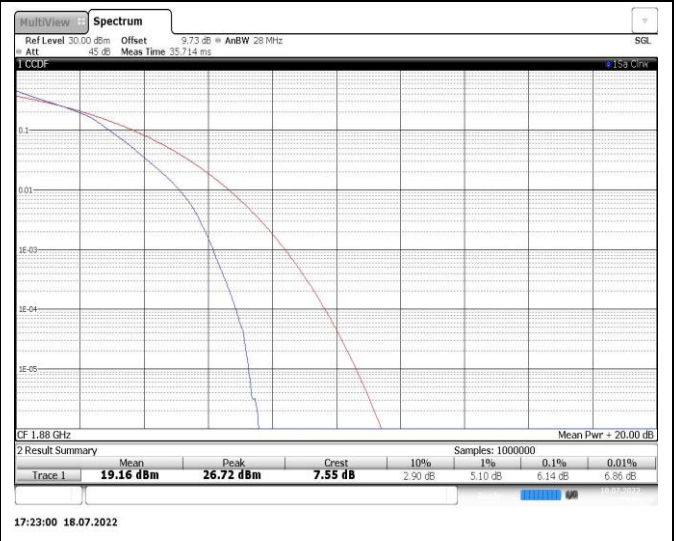
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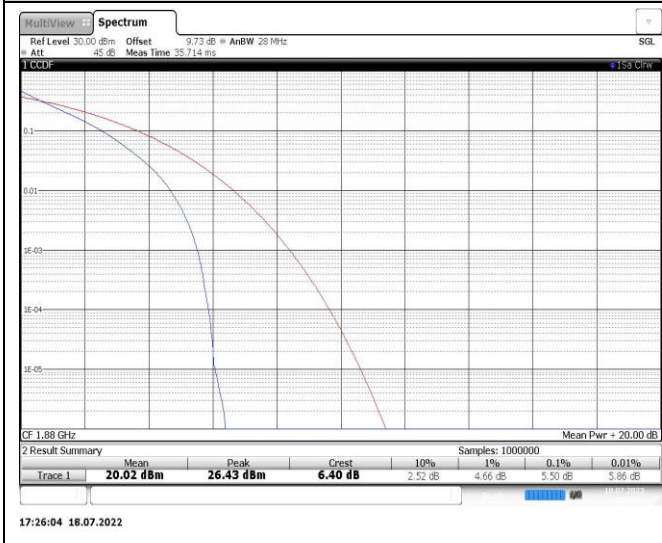
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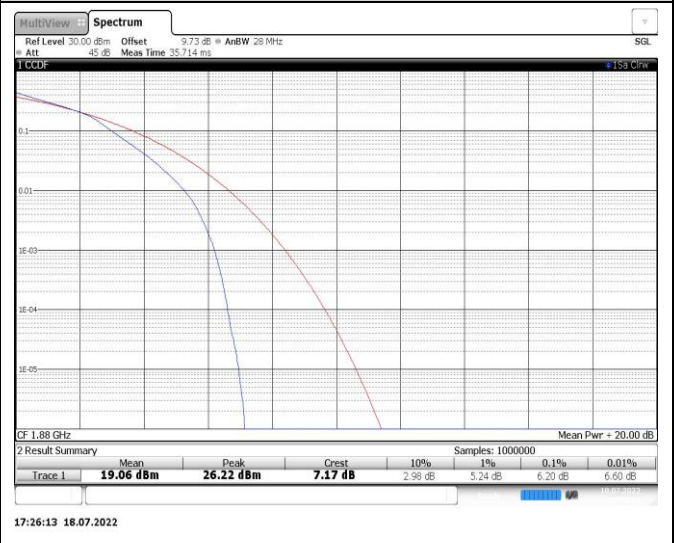
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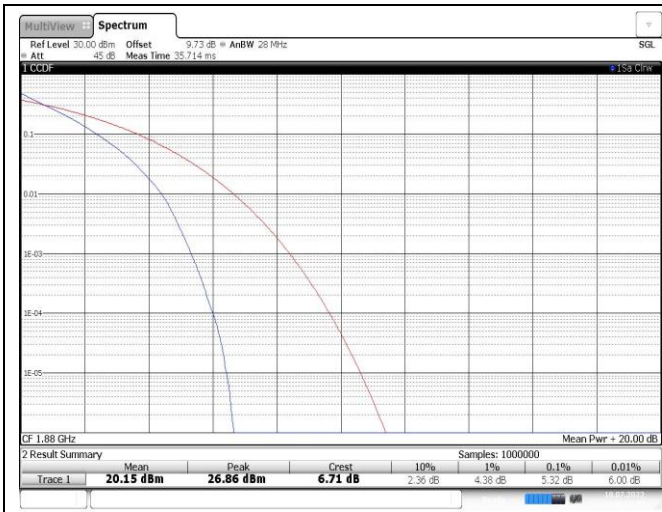
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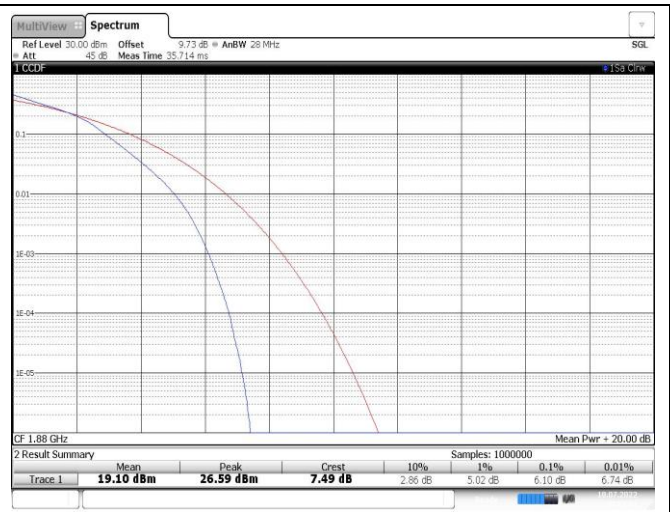


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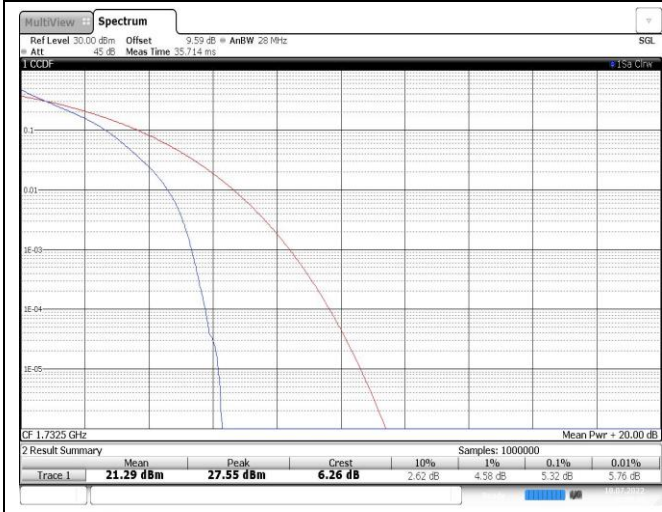
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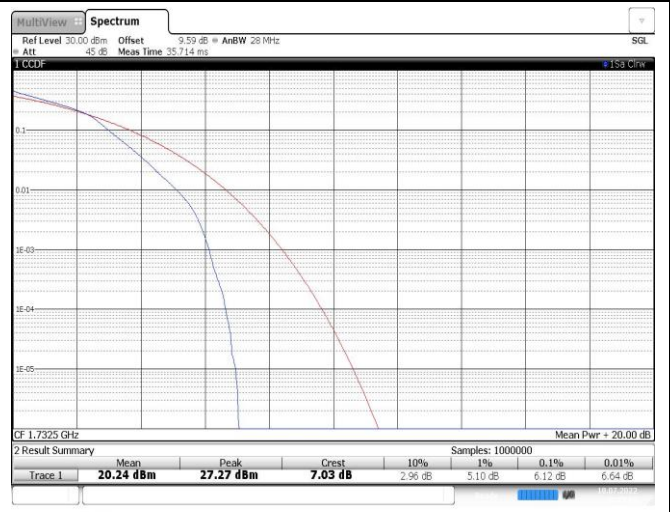
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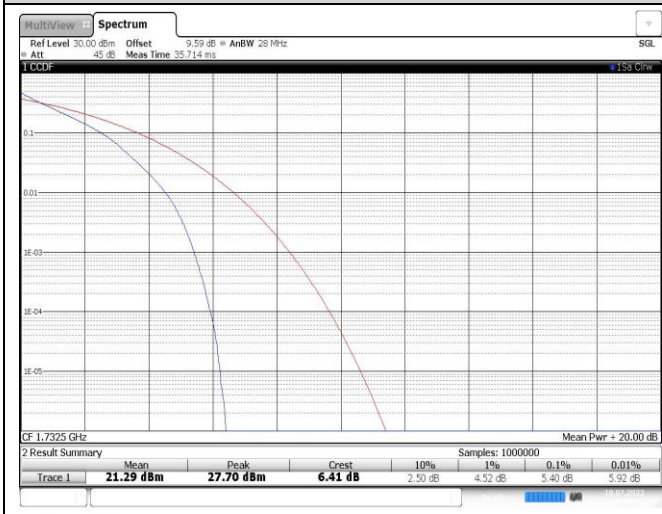
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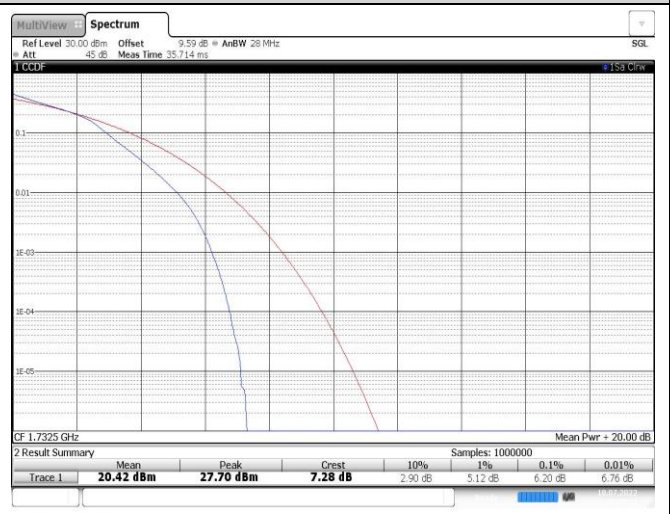
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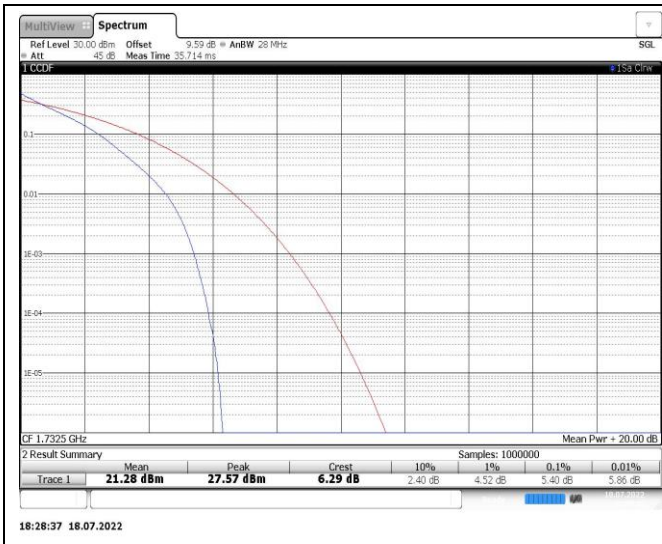
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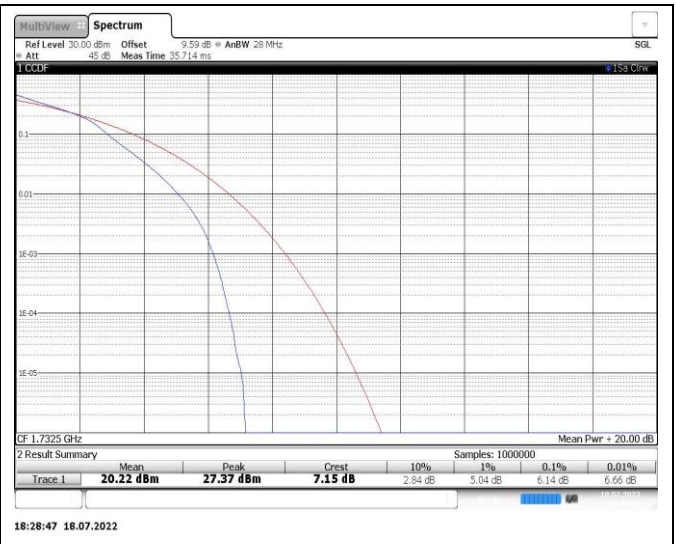


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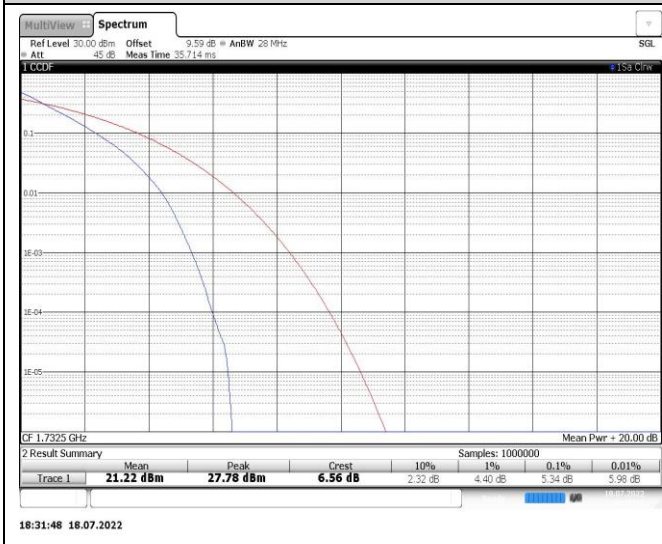
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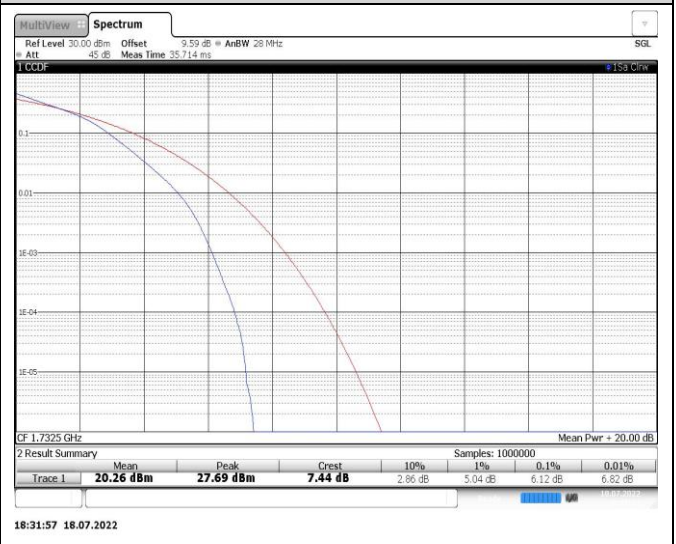
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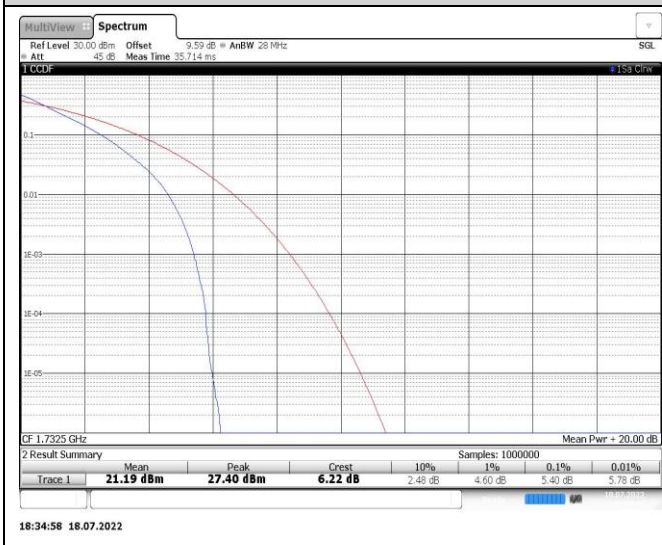
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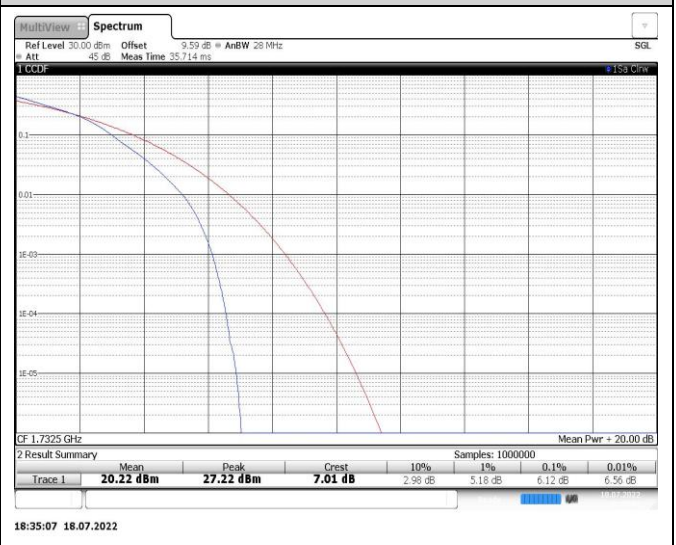
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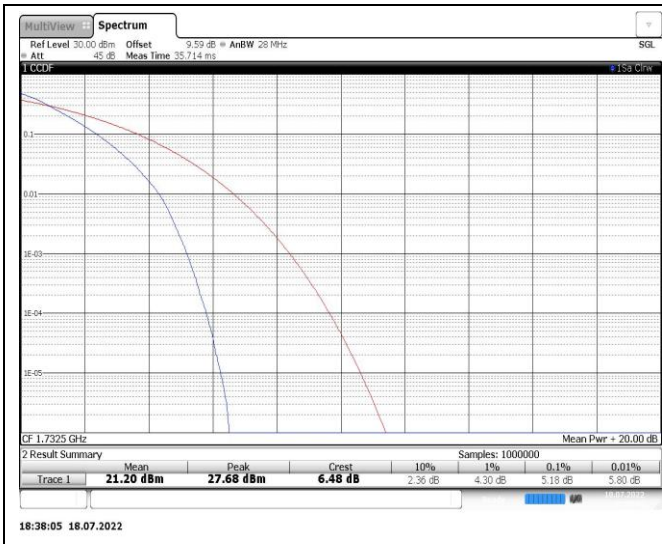


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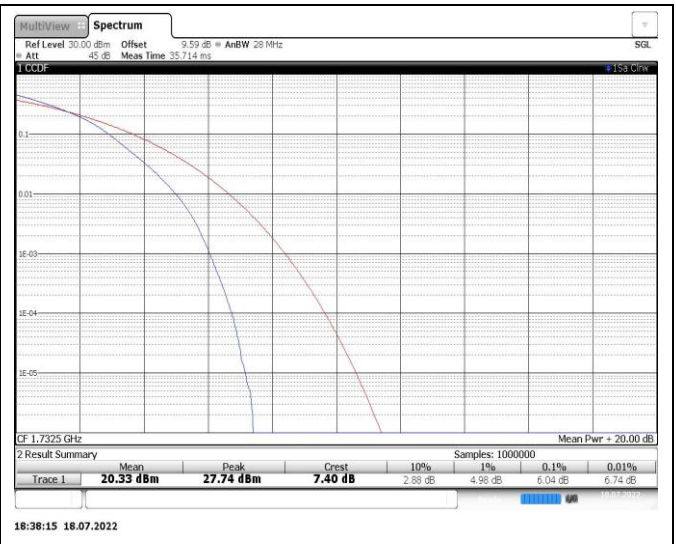


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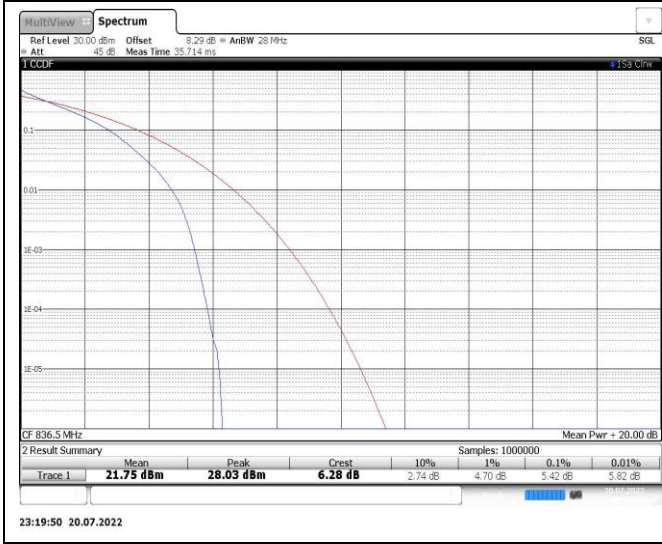




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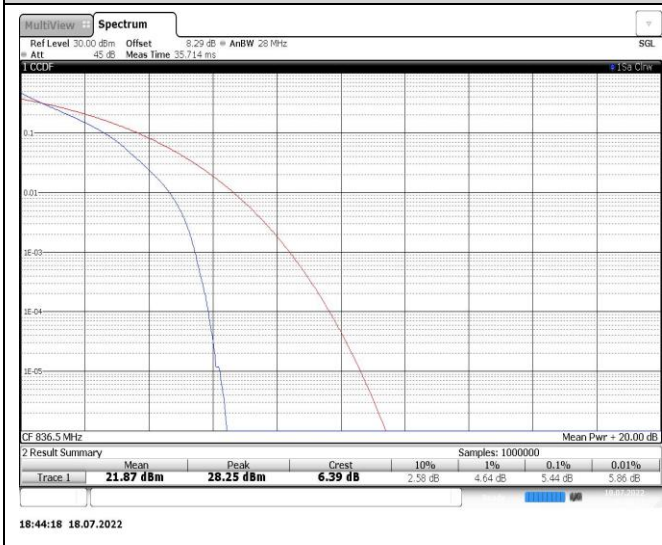
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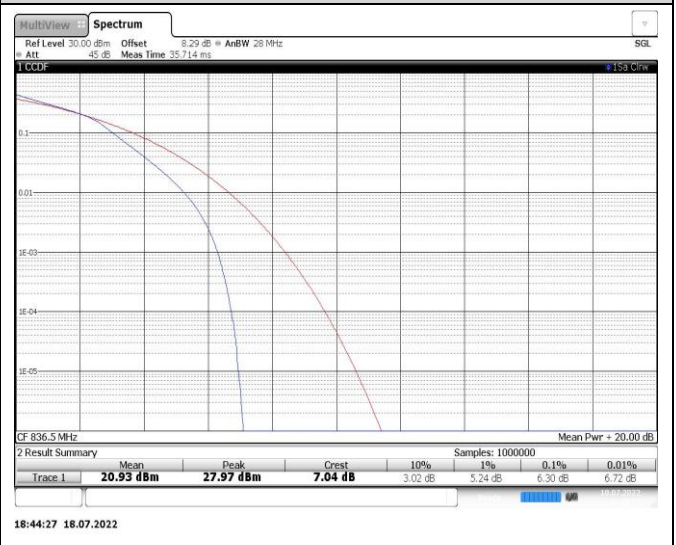
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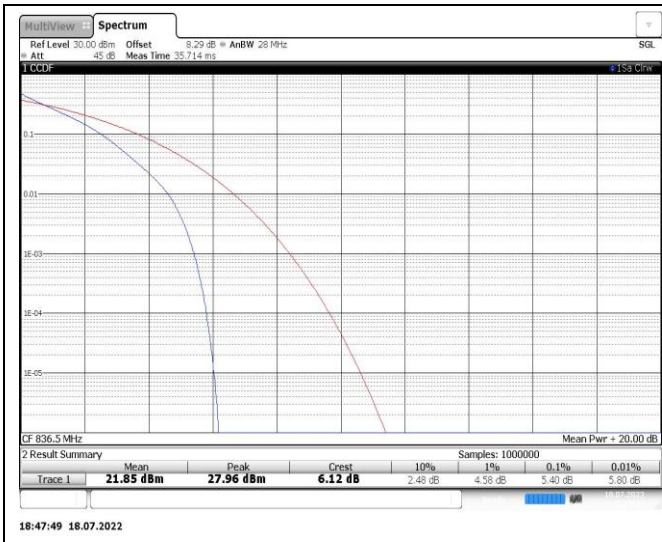
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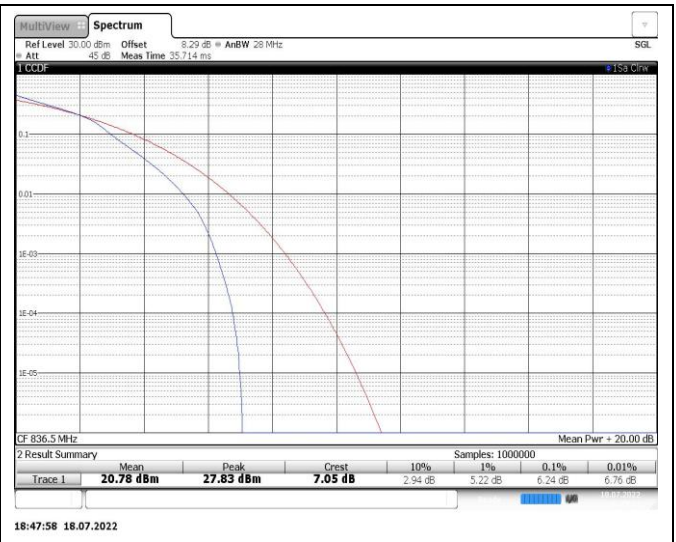
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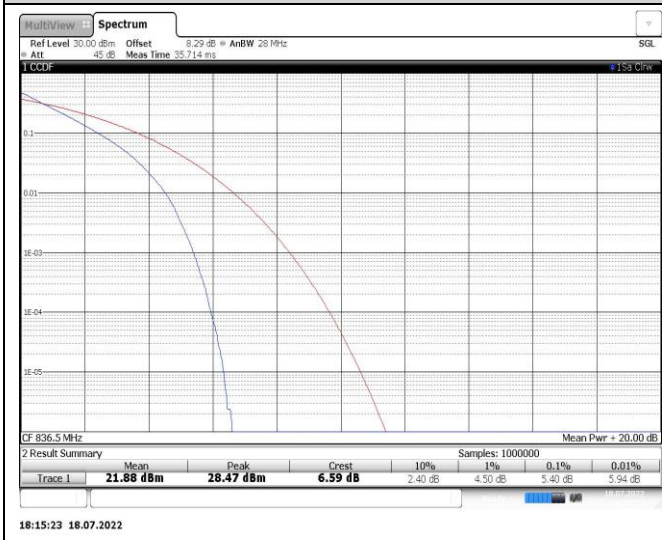
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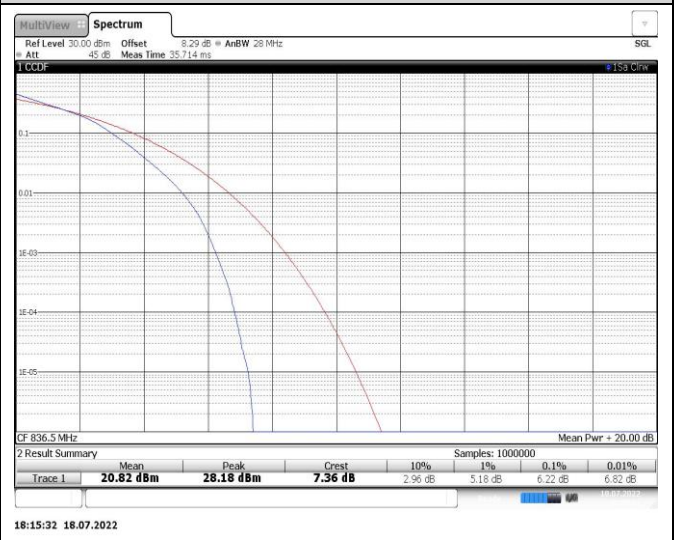
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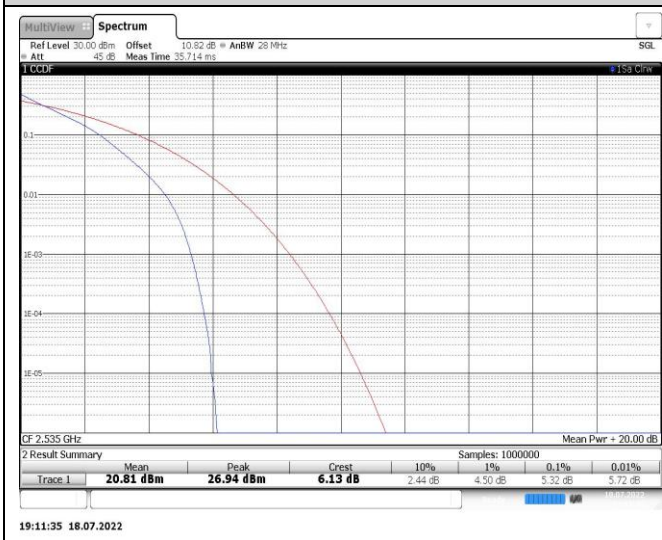
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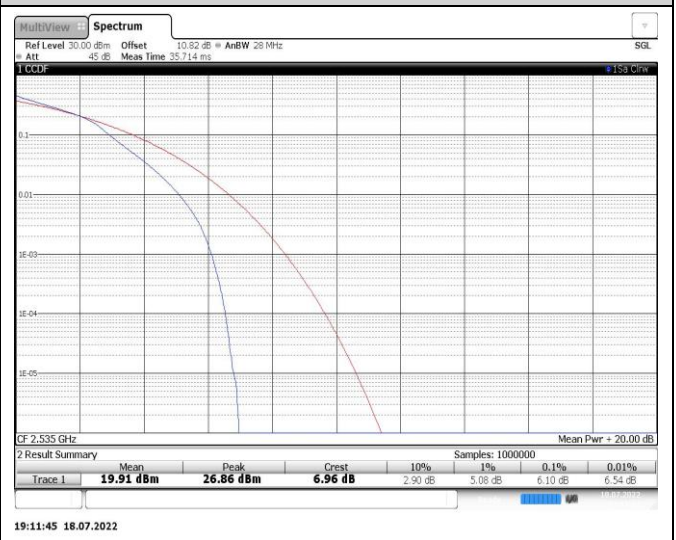
Band7-5MHz-QPSK-21100-25RB#0



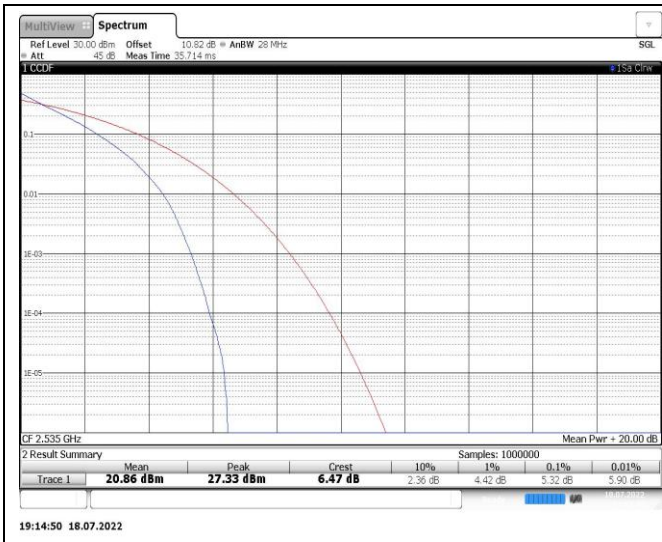
Band7-5MHz-16QAM-21100-25RB#0



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

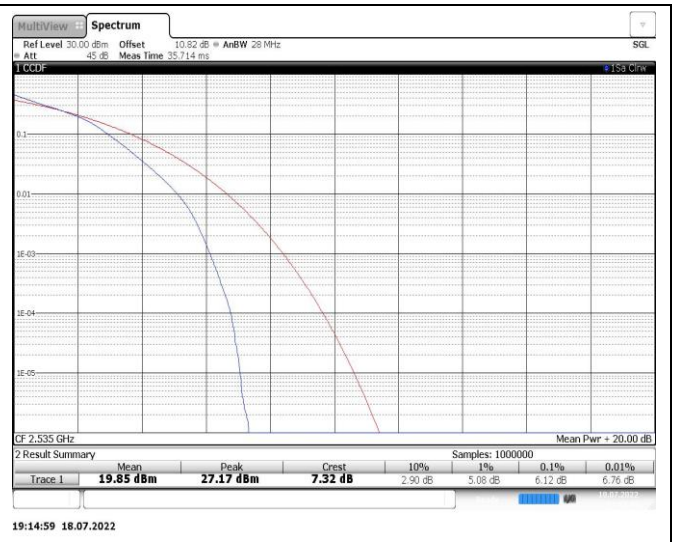


Band7-10MHz-16QAM-21100-50RB#0



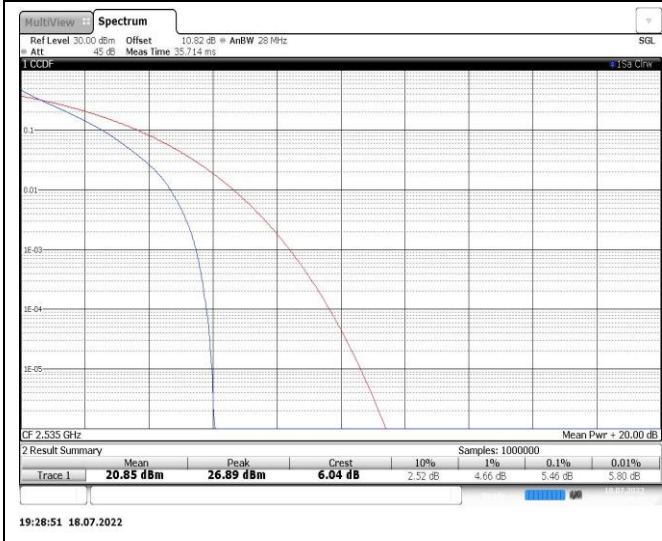
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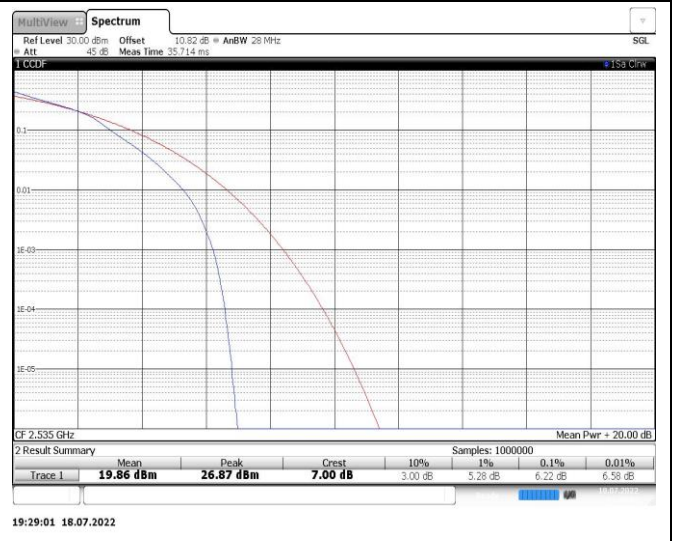
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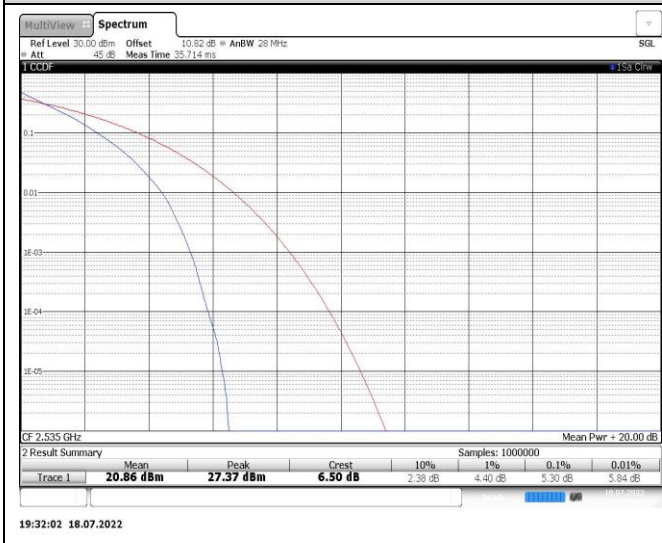
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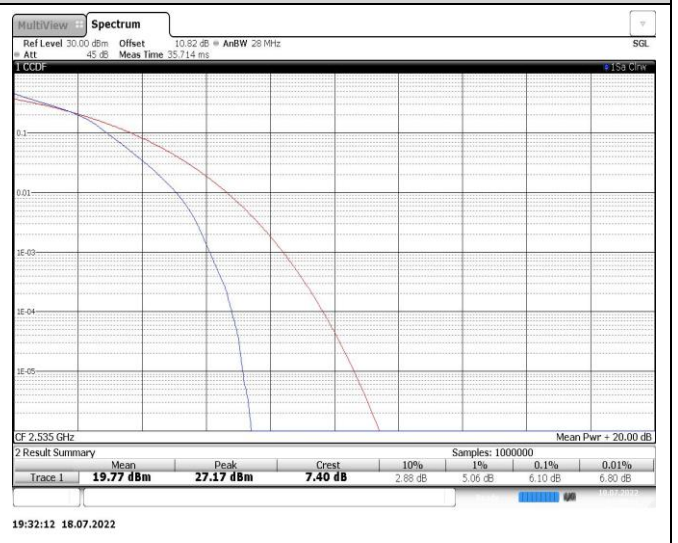
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Band7-20MHz-16QAM-21100-100RB#0



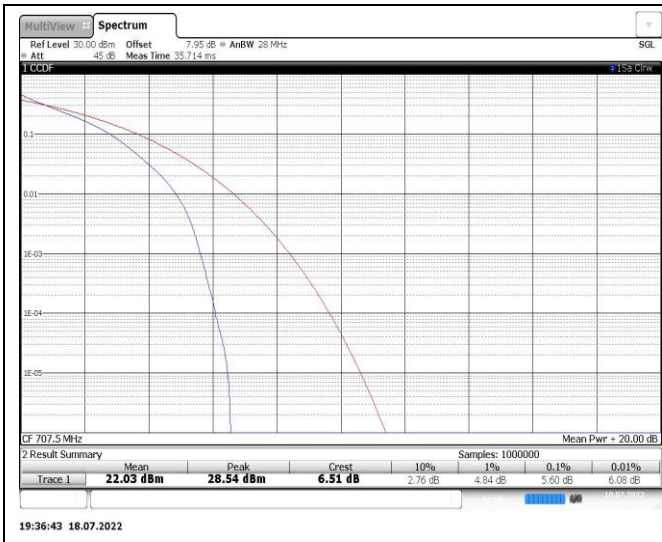
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Band12-1.4MHz-QPSK-23095-6RB#0

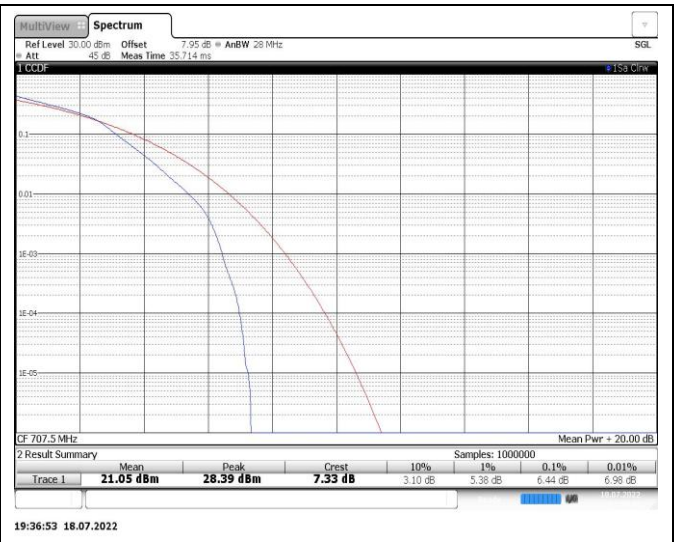


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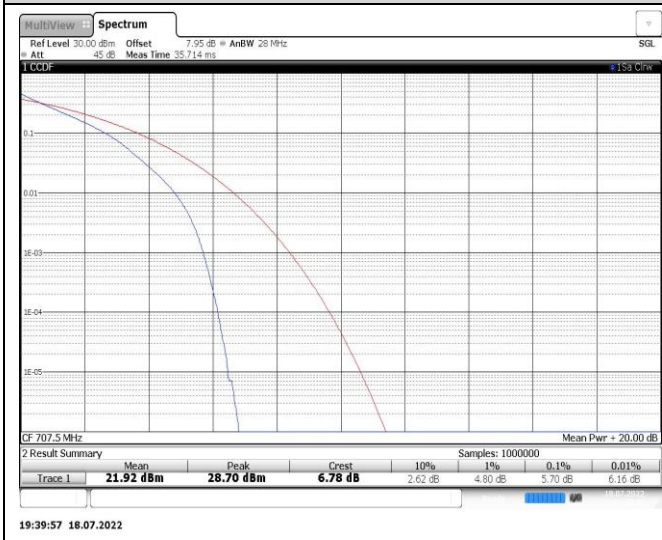
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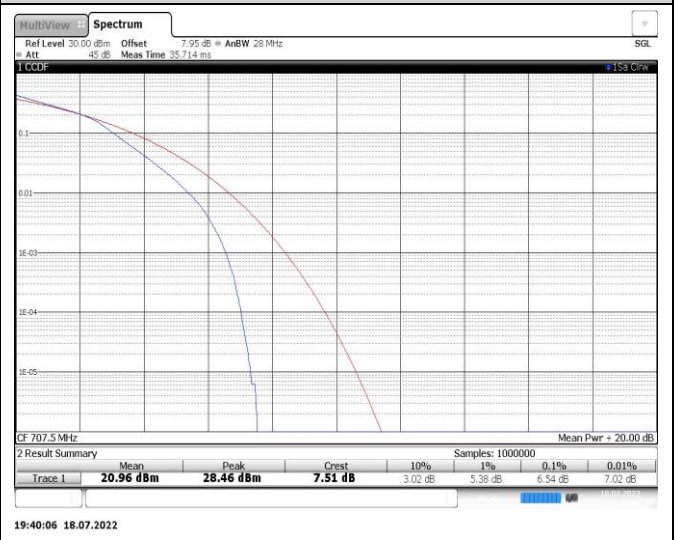
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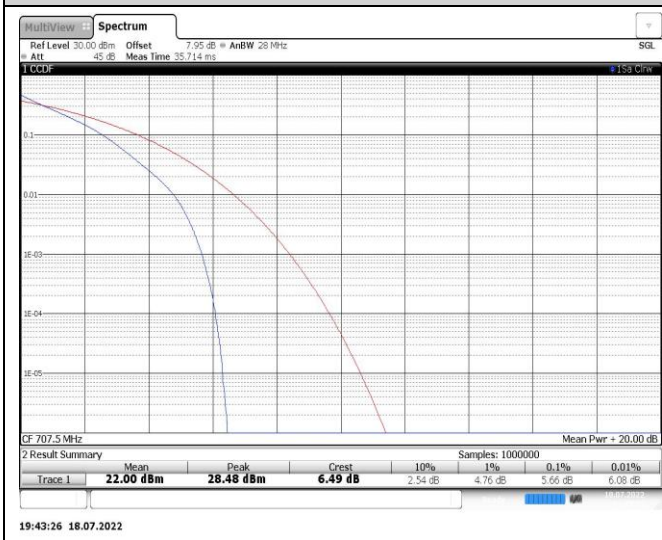
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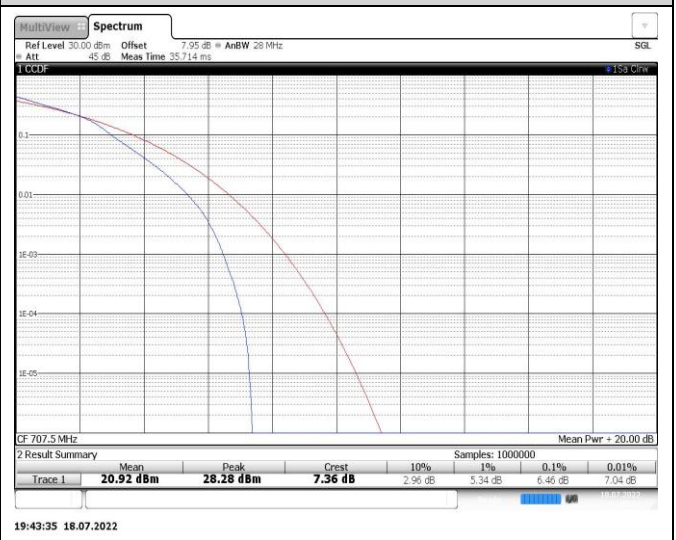
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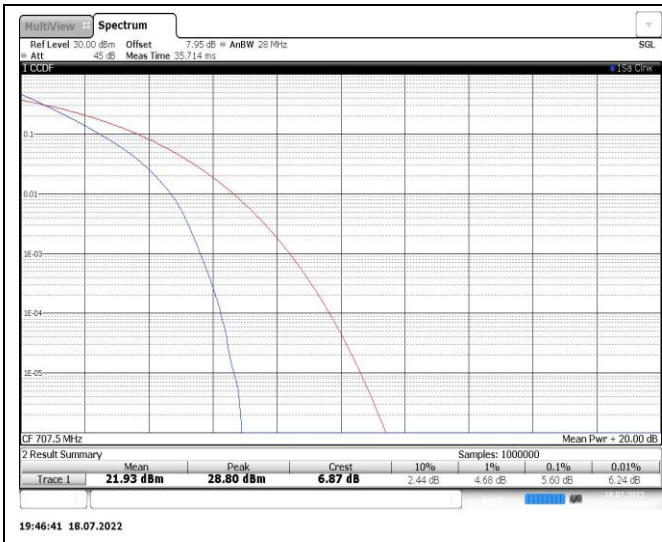
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Band12-10MHz-QPSK-23095-50RB#0

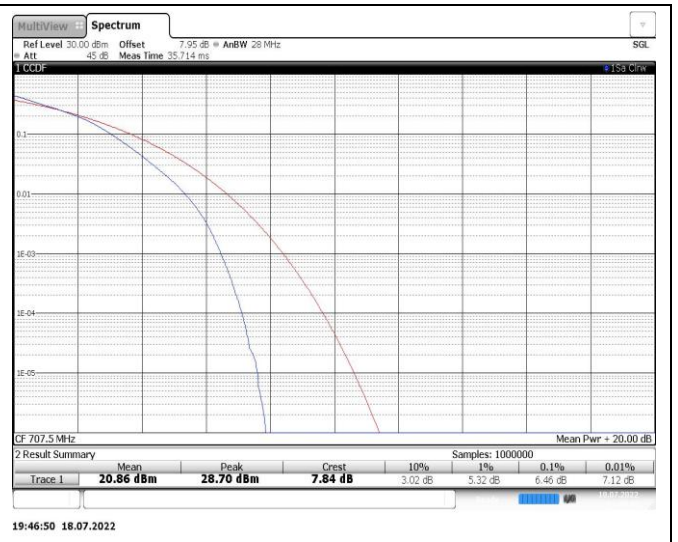


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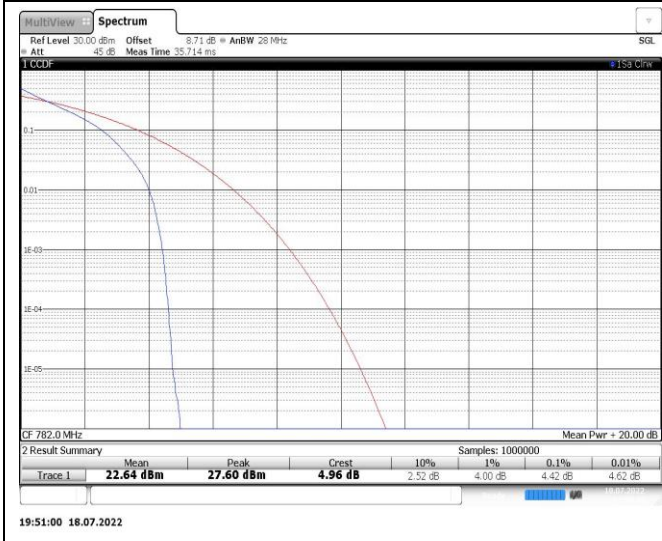
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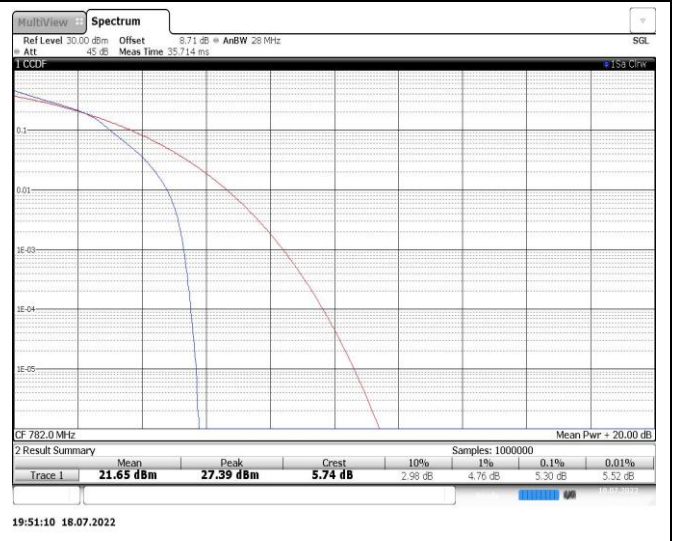
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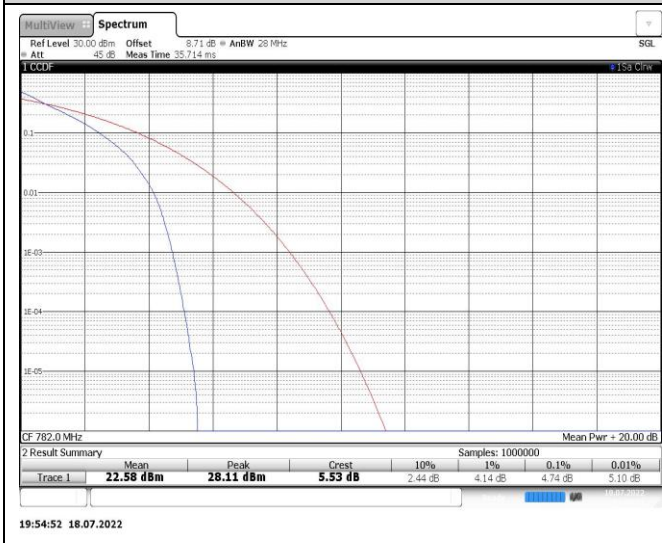
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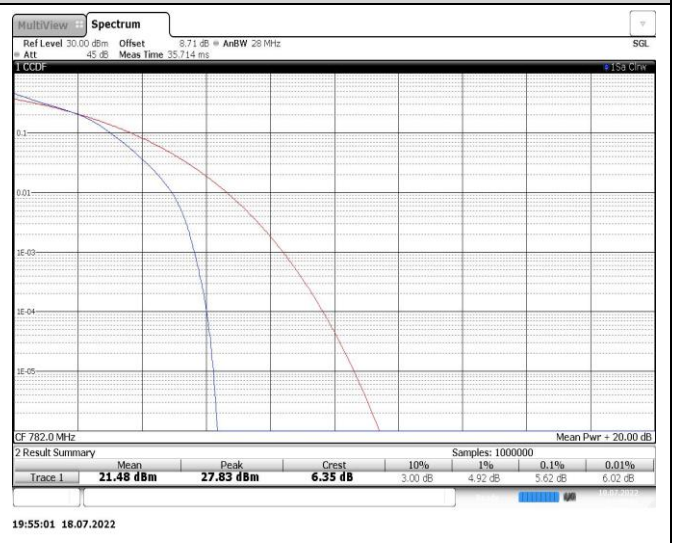
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Band13-10MHz-16QAM-23230-50RB#0



19:54:52 18.07.2022

Band25-1.4MHz-QPSK-26365-6RB#0



19:55:01 18.07.2022

Band25-1.4MHz-16QAM-26365-6RB#0