

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 38

1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 2572.5 | 37775 | 5 | 1 | 0 | 21.27 |
| 16QAM | 2572.5 | 37775 | 5 | 1 | 12 | 21.28 |
| 16QAM | 2572.5 | 37775 | 5 | 1 | 24 | 21.34 |
| 16QAM | 2572.5 | 37775 | 5 | 12 | 0 | 20.66 |
| 16QAM | 2572.5 | 37775 | 5 | 12 | 7 | 20.65 |
| 16QAM | 2572.5 | 37775 | 5 | 12 | 13 | 20.60 |
| 16QAM | 2572.5 | 37775 | 5 | 25 | 0 | 20.67 |
| 16QAM | 2595 | 38000 | 5 | 1 | 0 | 21.66 |
| 16QAM | 2595 | 38000 | 5 | 1 | 12 | 21.31 |
| 16QAM | 2595 | 38000 | 5 | 1 | 24 | 21.88 |
| 16QAM | 2595 | 38000 | 5 | 12 | 0 | 20.40 |
| 16QAM | 2595 | 38000 | 5 | 12 | 7 | 20.48 |
| 16QAM | 2595 | 38000 | 5 | 12 | 13 | 20.59 |
| 16QAM | 2595 | 38000 | 5 | 25 | 0 | 20.71 |
| 16QAM | 2617.5 | 38225 | 5 | 1 | 0 | 22.04 |
| 16QAM | 2617.5 | 38225 | 5 | 1 | 12 | 22.22 |
| 16QAM | 2617.5 | 38225 | 5 | 1 | 24 | 22.02 |
| 16QAM | 2617.5 | 38225 | 5 | 12 | 0 | 20.59 |
| 16QAM | 2617.5 | 38225 | 5 | 12 | 7 | 20.54 |
| 16QAM | 2617.5 | 38225 | 5 | 12 | 13 | 20.52 |
| 16QAM | 2617.5 | 38225 | 5 | 25 | 0 | 20.81 |
| 64QAM | 2572.5 | 37775 | 5 | 1 | 0 | 20.28 |
| 64QAM | 2572.5 | 37775 | 5 | 1 | 12 | 20.28 |
| 64QAM | 2572.5 | 37775 | 5 | 1 | 24 | 20.20 |
| 64QAM | 2572.5 | 37775 | 5 | 12 | 0 | 19.68 |
| 64QAM | 2572.5 | 37775 | 5 | 12 | 7 | 19.80 |
| 64QAM | 2572.5 | 37775 | 5 | 12 | 13 | 19.63 |
| 64QAM | 2572.5 | 37775 | 5 | 25 | 0 | 19.62 |
| 64QAM | 2595 | 38000 | 5 | 1 | 0 | 20.83 |
| 64QAM | 2595 | 38000 | 5 | 1 | 12 | 21.06 |
| 64QAM | 2595 | 38000 | 5 | 1 | 24 | 21.33 |
| 64QAM | 2595 | 38000 | 5 | 12 | 0 | 19.72 |
| 64QAM | 2595 | 38000 | 5 | 12 | 7 | 19.79 |
| 64QAM | 2595 | 38000 | 5 | 12 | 13 | 19.57 |
| 64QAM | 2595 | 38000 | 5 | 25 | 0 | 19.64 |
| 64QAM | 2617.5 | 38225 | 5 | 1 | 0 | 20.36 |
| 64QAM | 2617.5 | 38225 | 5 | 1 | 12 | 20.37 |
| 64QAM | 2617.5 | 38225 | 5 | 1 | 24 | 20.43 |
| 64QAM | 2617.5 | 38225 | 5 | 12 | 0 | 19.11 |
| 64QAM | 2617.5 | 38225 | 5 | 12 | 7 | 19.24 |
| 64QAM | 2617.5 | 38225 | 5 | 12 | 13 | 19.06 |
| 64QAM | 2617.5 | 38225 | 5 | 25 | 0 | 19.20 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 2572.5 | 37775 | 5 | 1 | 0 | 22.52 |
| QPSK | 2572.5 | 37775 | 5 | 1 | 12 | 22.46 |
| QPSK | 2572.5 | 37775 | 5 | 1 | 24 | 22.40 |
| QPSK | 2572.5 | 37775 | 5 | 12 | 0 | 21.59 |
| QPSK | 2572.5 | 37775 | 5 | 12 | 7 | 21.54 |
| QPSK | 2572.5 | 37775 | 5 | 12 | 13 | 21.36 |
| QPSK | 2572.5 | 37775 | 5 | 25 | 0 | 21.39 |
| QPSK | 2595 | 38000 | 5 | 1 | 0 | 22.48 |
| QPSK | 2617.5 | 38225 | 5 | 1 | 0 | 22.64 |
| QPSK | 2617.5 | 38225 | 5 | 1 | 12 | 22.65 |
| QPSK | 2617.5 | 38225 | 5 | 1 | 24 | 22.62 |
| QPSK | 2617.5 | 38225 | 5 | 12 | 0 | 21.71 |
| QPSK | 2617.5 | 38225 | 5 | 12 | 7 | 21.77 |
| QPSK | 2617.5 | 38225 | 5 | 12 | 13 | 21.59 |
| QPSK | 2617.5 | 38225 | 5 | 25 | 0 | 21.65 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 2575 | 37800 | 10 | 1 | 0 | 22.39 |
| 16QAM | 2575 | 37800 | 10 | 1 | 25 | 21.44 |
| 16QAM | 2575 | 37800 | 10 | 1 | 49 | 21.58 |
| 16QAM | 2575 | 37800 | 10 | 25 | 0 | 20.52 |
| 16QAM | 2575 | 37800 | 10 | 25 | 12 | 20.58 |
| 16QAM | 2575 | 37800 | 10 | 25 | 25 | 20.51 |
| 16QAM | 2575 | 37800 | 10 | 50 | 0 | 20.59 |
| 16QAM | 2595 | 38000 | 10 | 1 | 0 | 22.39 |
| 16QAM | 2595 | 38000 | 10 | 1 | 25 | 22.18 |
| 16QAM | 2595 | 38000 | 10 | 1 | 49 | 22.27 |
| 16QAM | 2595 | 38000 | 10 | 25 | 0 | 20.67 |
| 16QAM | 2595 | 38000 | 10 | 25 | 12 | 20.62 |
| 16QAM | 2595 | 38000 | 10 | 25 | 25 | 20.66 |
| 16QAM | 2595 | 38000 | 10 | 50 | 0 | 20.55 |
| 16QAM | 2615 | 38200 | 10 | 1 | 0 | 21.72 |
| 16QAM | 2615 | 38200 | 10 | 1 | 25 | 21.68 |
| 16QAM | 2615 | 38200 | 10 | 1 | 49 | 21.67 |
| 16QAM | 2615 | 38200 | 10 | 25 | 0 | 20.75 |
| 16QAM | 2615 | 38200 | 10 | 25 | 12 | 20.72 |
| 16QAM | 2615 | 38200 | 10 | 25 | 25 | 20.81 |
| 16QAM | 2615 | 38200 | 10 | 50 | 0 | 20.61 |
| 64QAM | 2575 | 37800 | 10 | 1 | 0 | 21.35 |
| 64QAM | 2575 | 37800 | 10 | 1 | 25 | 21.32 |
| 64QAM | 2575 | 37800 | 10 | 1 | 49 | 21.43 |
| 64QAM | 2575 | 37800 | 10 | 25 | 0 | 19.80 |
| 64QAM | 2575 | 37800 | 10 | 25 | 12 | 19.85 |
| 64QAM | 2575 | 37800 | 10 | 25 | 25 | 19.95 |
| 64QAM | 2575 | 37800 | 10 | 50 | 0 | 19.93 |
| 64QAM | 2595 | 38000 | 10 | 1 | 0 | 20.44 |
| 64QAM | 2595 | 38000 | 10 | 1 | 25 | 20.43 |
| 64QAM | 2595 | 38000 | 10 | 1 | 49 | 20.42 |
| 64QAM | 2595 | 38000 | 10 | 25 | 0 | 19.83 |
| 64QAM | 2595 | 38000 | 10 | 25 | 12 | 19.80 |
| 64QAM | 2595 | 38000 | 10 | 25 | 25 | 19.83 |
| 64QAM | 2595 | 38000 | 10 | 50 | 0 | 19.84 |
| 64QAM | 2615 | 38200 | 10 | 1 | 0 | 21.10 |
| 64QAM | 2615 | 38200 | 10 | 1 | 25 | 22.31 |
| 64QAM | 2615 | 38200 | 10 | 1 | 49 | 20.98 |
| 64QAM | 2615 | 38200 | 10 | 25 | 0 | 19.37 |
| 64QAM | 2615 | 38200 | 10 | 25 | 12 | 19.34 |
| 64QAM | 2615 | 38200 | 10 | 25 | 25 | 19.43 |
| 64QAM | 2615 | 38200 | 10 | 50 | 0 | 19.40 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 2575 | 37800 | 10 | 1 | 0 | 22.48 |
| QPSK | 2575 | 37800 | 10 | 1 | 25 | 22.40 |
| QPSK | 2575 | 37800 | 10 | 1 | 49 | 22.41 |
| QPSK | 2575 | 37800 | 10 | 25 | 0 | 21.39 |
| QPSK | 2575 | 37800 | 10 | 25 | 12 | 21.59 |
| QPSK | 2575 | 37800 | 10 | 25 | 25 | 21.53 |
| QPSK | 2575 | 37800 | 10 | 50 | 0 | 21.46 |
| QPSK | 2595 | 38000 | 10 | 1 | 0 | 22.54 |
| QPSK | 2595 | 38000 | 10 | 1 | 25 | 22.48 |
| QPSK | 2595 | 38000 | 10 | 1 | 49 | 22.35 |
| QPSK | 2595 | 38000 | 10 | 25 | 0 | 21.59 |
| QPSK | 2595 | 38000 | 10 | 25 | 12 | 21.53 |
| QPSK | 2595 | 38000 | 10 | 25 | 25 | 21.58 |
| QPSK | 2595 | 38000 | 10 | 50 | 0 | 21.47 |
| QPSK | 2615 | 38200 | 10 | 1 | 0 | 22.52 |
| QPSK | 2615 | 38200 | 10 | 1 | 25 | 22.48 |
| QPSK | 2615 | 38200 | 10 | 1 | 49 | 22.59 |
| QPSK | 2615 | 38200 | 10 | 25 | 0 | 21.68 |
| QPSK | 2615 | 38200 | 10 | 25 | 12 | 21.63 |
| QPSK | 2615 | 38200 | 10 | 25 | 25 | 21.72 |
| QPSK | 2615 | 38200 | 10 | 50 | 0 | 21.69 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 2577.5 | 37825 | 15 | 1 | 0 | 22.42 |
| 16QAM | 2577.5 | 37825 | 15 | 1 | 37 | 21.47 |
| 16QAM | 2577.5 | 37825 | 15 | 1 | 74 | 21.34 |
| 16QAM | 2577.5 | 37825 | 15 | 36 | 0 | 20.72 |
| 16QAM | 2577.5 | 37825 | 15 | 36 | 29 | 20.71 |
| 16QAM | 2577.5 | 37825 | 15 | 36 | 30 | 20.70 |
| 16QAM | 2577.5 | 37825 | 15 | 75 | 0 | 20.59 |
| 16QAM | 2595 | 38000 | 15 | 1 | 0 | 22.31 |
| 16QAM | 2612.5 | 38175 | 15 | 1 | 0 | 22.09 |
| 16QAM | 2612.5 | 38175 | 15 | 1 | 37 | 22.09 |
| 16QAM | 2612.5 | 38175 | 15 | 1 | 74 | 22.00 |
| 16QAM | 2612.5 | 38175 | 15 | 36 | 0 | 20.62 |
| 16QAM | 2612.5 | 38175 | 15 | 36 | 29 | 20.54 |
| 16QAM | 2612.5 | 38175 | 15 | 36 | 30 | 20.54 |
| 16QAM | 2612.5 | 38175 | 15 | 75 | 0 | 20.85 |
| 64QAM | 2577.5 | 37825 | 15 | 1 | 0 | 21.41 |
| 64QAM | 2577.5 | 37825 | 15 | 1 | 37 | 21.37 |
| 64QAM | 2577.5 | 37825 | 15 | 1 | 74 | 21.30 |
| 64QAM | 2577.5 | 37825 | 15 | 36 | 0 | 19.89 |
| 64QAM | 2577.5 | 37825 | 15 | 36 | 29 | 19.72 |
| 64QAM | 2577.5 | 37825 | 15 | 36 | 30 | 19.72 |
| 64QAM | 2577.5 | 37825 | 15 | 75 | 0 | 19.81 |
| 64QAM | 2595 | 38000 | 15 | 1 | 0 | 19.77 |
| 64QAM | 2595 | 38000 | 15 | 1 | 37 | 19.92 |
| 64QAM | 2595 | 38000 | 15 | 1 | 74 | 20.76 |
| 64QAM | 2595 | 38000 | 15 | 36 | 0 | 20.05 |
| 64QAM | 2595 | 38000 | 15 | 36 | 29 | 19.73 |
| 64QAM | 2595 | 38000 | 15 | 36 | 30 | 19.72 |
| 64QAM | 2595 | 38000 | 15 | 75 | 0 | 19.84 |
| 64QAM | 2612.5 | 38175 | 15 | 1 | 0 | 21.05 |
| 64QAM | 2612.5 | 38175 | 15 | 1 | 37 | 20.94 |
| 64QAM | 2612.5 | 38175 | 15 | 1 | 74 | 20.91 |
| 64QAM | 2612.5 | 38175 | 15 | 36 | 0 | 19.63 |
| 64QAM | 2612.5 | 38175 | 15 | 36 | 29 | 19.34 |
| 64QAM | 2612.5 | 38175 | 15 | 36 | 30 | 19.34 |
| 64QAM | 2612.5 | 38175 | 15 | 75 | 0 | 19.44 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 2577.5 | 37825 | 15 | 1 | 0 | 22.53 |
| QPSK | 2577.5 | 37825 | 15 | 1 | 37 | 22.44 |
| QPSK | 2577.5 | 37825 | 15 | 1 | 74 | 22.41 |
| QPSK | 2577.5 | 37825 | 15 | 36 | 0 | 21.47 |
| QPSK | 2577.5 | 37825 | 15 | 36 | 29 | 21.58 |
| QPSK | 2577.5 | 37825 | 15 | 36 | 30 | 21.58 |
| QPSK | 2577.5 | 37825 | 15 | 75 | 0 | 21.53 |
| QPSK | 2595 | 38000 | 15 | 1 | 0 | 22.50 |
| QPSK | 2612.5 | 38175 | 15 | 1 | 0 | 22.79 |
| QPSK | 2612.5 | 38175 | 15 | 1 | 37 | 22.92 |
| QPSK | 2612.5 | 38175 | 15 | 1 | 74 | 22.78 |
| QPSK | 2612.5 | 38175 | 15 | 36 | 0 | 21.75 |
| QPSK | 2612.5 | 38175 | 15 | 36 | 29 | 21.63 |
| QPSK | 2612.5 | 38175 | 15 | 36 | 30 | 21.61 |
| QPSK | 2612.5 | 38175 | 15 | 75 | 0 | 21.73 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 2580 | 37850 | 20 | 1 | 0 | 22.25 |
| 16QAM | 2580 | 37850 | 20 | 1 | 49 | 22.25 |
| 16QAM | 2580 | 37850 | 20 | 1 | 99 | 21.89 |
| 16QAM | 2580 | 37850 | 20 | 50 | 0 | 20.67 |
| 16QAM | 2580 | 37850 | 20 | 50 | 24 | 20.71 |
| 16QAM | 2580 | 37850 | 20 | 50 | 50 | 20.67 |
| 16QAM | 2580 | 37850 | 20 | 100 | 0 | 20.52 |
| 16QAM | 2595 | 38000 | 20 | 1 | 0 | 21.62 |
| 16QAM | 2595 | 38000 | 20 | 1 | 49 | 21.55 |
| 16QAM | 2595 | 38000 | 20 | 1 | 99 | 21.59 |
| 16QAM | 2595 | 38000 | 20 | 50 | 0 | 20.66 |
| 16QAM | 2595 | 38000 | 20 | 50 | 24 | 20.53 |
| 16QAM | 2595 | 38000 | 20 | 50 | 50 | 20.60 |
| 16QAM | 2595 | 38000 | 20 | 100 | 0 | 20.50 |
| 16QAM | 2610 | 38150 | 20 | 1 | 0 | 21.27 |
| 16QAM | 2610 | 38150 | 20 | 1 | 49 | 21.34 |
| 16QAM | 2610 | 38150 | 20 | 1 | 99 | 21.38 |
| 16QAM | 2610 | 38150 | 20 | 50 | 0 | 20.75 |
| 16QAM | 2610 | 38150 | 20 | 50 | 24 | 20.72 |
| 16QAM | 2610 | 38150 | 20 | 50 | 50 | 20.73 |
| 16QAM | 2610 | 38150 | 20 | 100 | 0 | 20.77 |
| 64QAM | 2580 | 37850 | 20 | 1 | 0 | 20.84 |
| 64QAM | 2580 | 37850 | 20 | 1 | 49 | 20.78 |
| 64QAM | 2580 | 37850 | 20 | 1 | 99 | 21.25 |
| 64QAM | 2580 | 37850 | 20 | 50 | 0 | 20.19 |
| 64QAM | 2580 | 37850 | 20 | 50 | 24 | 19.92 |
| 64QAM | 2580 | 37850 | 20 | 50 | 50 | 19.88 |
| 64QAM | 2580 | 37850 | 20 | 100 | 0 | 20.03 |
| 64QAM | 2595 | 38000 | 20 | 1 | 0 | 20.80 |
| 64QAM | 2595 | 38000 | 20 | 1 | 49 | 20.86 |
| 64QAM | 2595 | 38000 | 20 | 1 | 99 | 20.77 |
| 64QAM | 2595 | 38000 | 20 | 50 | 0 | 20.27 |
| 64QAM | 2595 | 38000 | 20 | 50 | 24 | 19.86 |
| 64QAM | 2595 | 38000 | 20 | 50 | 50 | 19.75 |
| 64QAM | 2595 | 38000 | 20 | 100 | 0 | 20.00 |
| 64QAM | 2610 | 38150 | 20 | 1 | 0 | 20.71 |
| 64QAM | 2610 | 38150 | 20 | 1 | 49 | 20.61 |
| 64QAM | 2610 | 38150 | 20 | 1 | 99 | 20.59 |
| 64QAM | 2610 | 38150 | 20 | 50 | 0 | 20.07 |
| 64QAM | 2610 | 38150 | 20 | 50 | 24 | 19.68 |
| 64QAM | 2610 | 38150 | 20 | 50 | 50 | 19.60 |
| 64QAM | 2610 | 38150 | 20 | 100 | 0 | 19.80 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 2580 | 37850 | 20 | 1 | 0 | 22.46 |
| QPSK | 2580 | 37850 | 20 | 1 | 49 | 22.47 |
| QPSK | 2580 | 37850 | 20 | 1 | 99 | 22.49 |
| QPSK | 2580 | 37850 | 20 | 50 | 0 | 21.46 |
| QPSK | 2580 | 37850 | 20 | 50 | 24 | 21.48 |
| QPSK | 2580 | 37850 | 20 | 50 | 50 | 21.46 |
| QPSK | 2580 | 37850 | 20 | 100 | 0 | 21.61 |
| QPSK | 2595 | 38000 | 20 | 1 | 0 | 22.85 |
| QPSK | 2595 | 38000 | 20 | 1 | 49 | 22.75 |
| QPSK | 2595 | 38000 | 20 | 1 | 99 | 22.70 |
| QPSK | 2595 | 38000 | 20 | 50 | 0 | 21.59 |
| QPSK | 2595 | 38000 | 20 | 50 | 24 | 21.43 |
| QPSK | 2595 | 38000 | 20 | 50 | 50 | 21.52 |
| QPSK | 2595 | 38000 | 20 | 100 | 0 | 21.49 |
| QPSK | 2610 | 38150 | 20 | 1 | 0 | 22.52 |
| QPSK | 2610 | 38150 | 20 | 1 | 49 | 22.62 |
| QPSK | 2610 | 38150 | 20 | 1 | 99 | 22.59 |
| QPSK | 2610 | 38150 | 20 | 50 | 0 | 21.58 |
| QPSK | 2610 | 38150 | 20 | 50 | 24 | 21.62 |
| QPSK | 2610 | 38150 | 20 | 50 | 50 | 21.65 |
| QPSK | 2610 | 38150 | 20 | 100 | 0 | 21.65 |

2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 38 | QPSK | 2572.5 | 37775 | 5 | 25 | 0 | 4.493 | Fig.1 |
| 38 | QPSK | 2595 | 38000 | 5 | 25 | 0 | 4.493 | Fig.2 |
| 38 | QPSK | 2617.5 | 38225 | 5 | 25 | 0 | 4.472 | Fig.3 |
| 38 | QPSK | 2575 | 37800 | 10 | 50 | 0 | 8.944 | Fig.4 |
| 38 | QPSK | 2595 | 38000 | 10 | 50 | 0 | 8.944 | Fig.5 |
| 38 | QPSK | 2615 | 38200 | 10 | 50 | 0 | 8.944 | Fig.6 |
| 38 | QPSK | 2577.5 | 37825 | 15 | 75 | 0 | 13.415 | Fig.7 |
| 38 | QPSK | 2595 | 38000 | 15 | 75 | 0 | 13.415 | Fig.8 |
| 38 | QPSK | 2612.5 | 38175 | 15 | 75 | 0 | 13.480 | Fig.9 |
| 38 | QPSK | 2580 | 37850 | 20 | 100 | 0 | 17.887 | Fig.10 |
| 38 | QPSK | 2595 | 38000 | 20 | 100 | 0 | 17.887 | Fig.11 |
| 38 | QPSK | 2610 | 38150 | 20 | 100 | 0 | 17.887 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 38 | 16QAM | 2572.5 | 37775 | 5 | 25 | 0 | 4.472 | Fig.13 |
| 38 | 16QAM | 2595 | 38000 | 5 | 25 | 0 | 4.472 | Fig.14 |
| 38 | 16QAM | 2617.5 | 38225 | 5 | 25 | 0 | 4.472 | Fig.15 |
| 38 | 16QAM | 2575 | 37800 | 10 | 50 | 0 | 8.944 | Fig.16 |
| 38 | 16QAM | 2595 | 38000 | 10 | 50 | 0 | 8.944 | Fig.17 |
| 38 | 16QAM | 2615 | 38200 | 10 | 50 | 0 | 8.944 | Fig.18 |
| 38 | 16QAM | 2577.5 | 37825 | 15 | 75 | 0 | 13.415 | Fig.19 |
| 38 | 16QAM | 2595 | 38000 | 15 | 75 | 0 | 13.415 | Fig.20 |
| 38 | 16QAM | 2612.5 | 38175 | 15 | 75 | 0 | 13.415 | Fig.21 |
| 38 | 16QAM | 2580 | 37850 | 20 | 100 | 0 | 17.887 | Fig.22 |
| 38 | 16QAM | 2595 | 38000 | 20 | 100 | 0 | 17.887 | Fig.23 |
| 38 | 16QAM | 2610 | 38150 | 20 | 100 | 0 | 17.887 | Fig.24 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 38 | 64QAM | 2572.5 | 37775 | 5 | 25 | 0 | 4.472 | Fig.25 |
| 38 | 64QAM | 2595 | 38000 | 5 | 25 | 0 | 4.472 | Fig.26 |
| 38 | 64QAM | 2617.5 | 38225 | 5 | 25 | 0 | 4.472 | Fig.27 |
| 38 | 64QAM | 2575 | 37800 | 10 | 50 | 0 | 8.944 | Fig.28 |
| 38 | 64QAM | 2595 | 38000 | 10 | 50 | 0 | 8.944 | Fig.29 |
| 38 | 64QAM | 2615 | 38200 | 10 | 50 | 0 | 8.944 | Fig.30 |
| 38 | 64QAM | 2577.5 | 37825 | 15 | 75 | 0 | 13.415 | Fig.31 |
| 38 | 64QAM | 2595 | 38000 | 15 | 75 | 0 | 13.415 | Fig.32 |
| 38 | 64QAM | 2612.5 | 38175 | 15 | 75 | 0 | 13.480 | Fig.33 |
| 38 | 64QAM | 2580 | 37850 | 20 | 100 | 0 | 17.887 | Fig.34 |
| 38 | 64QAM | 2595 | 38000 | 20 | 100 | 0 | 17.887 | Fig.35 |
| 38 | 64QAM | 2610 | 38150 | 20 | 100 | 0 | 17.887 | Fig.36 |

Test Mode: QPSK

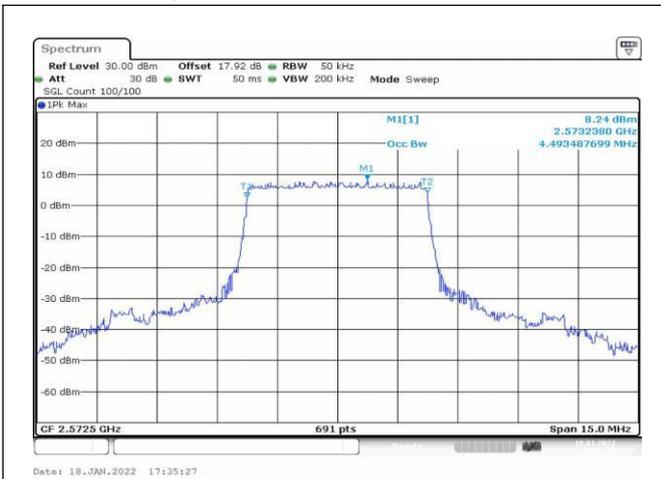


Fig.1

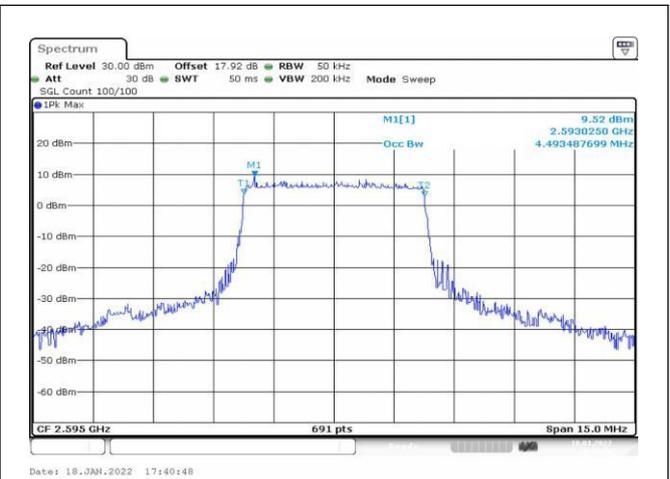


Fig.2

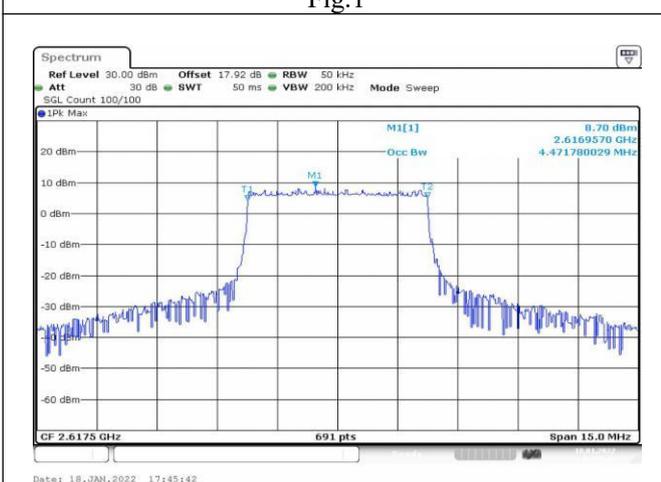


Fig.3

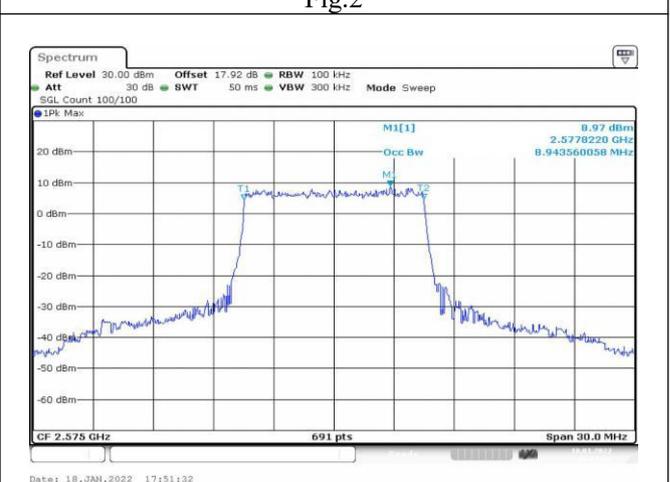


Fig.4



Fig.5

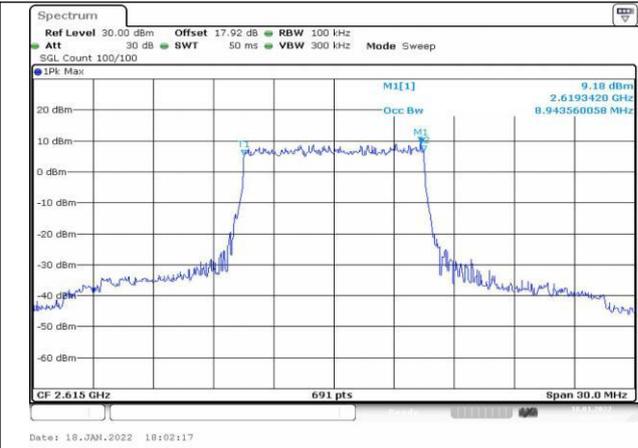


Fig.6

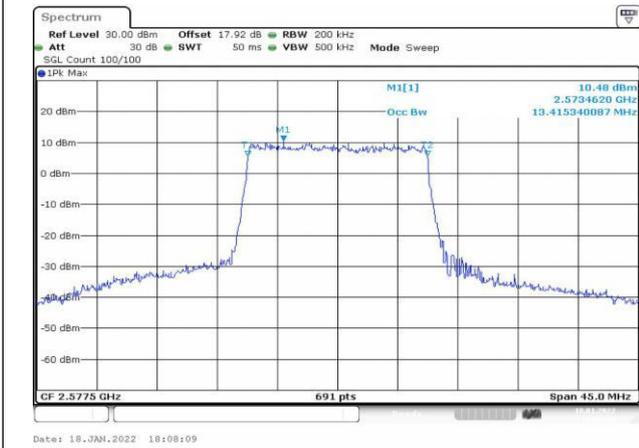


Fig.7

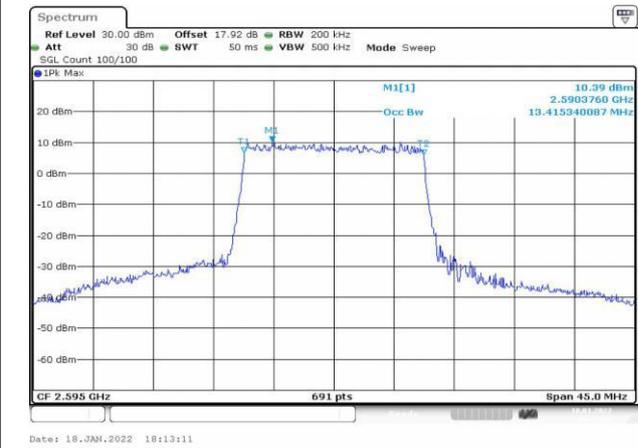


Fig.8

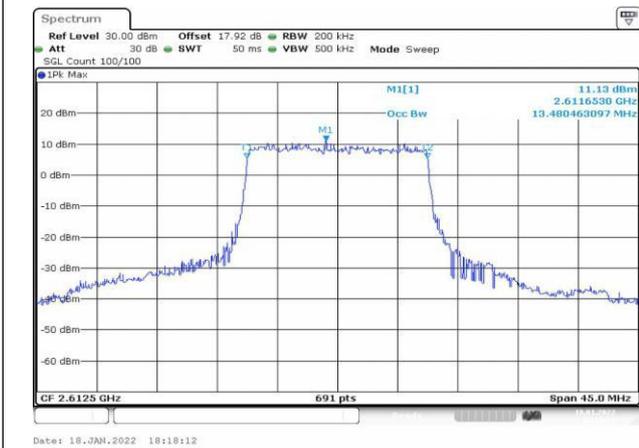


Fig.9

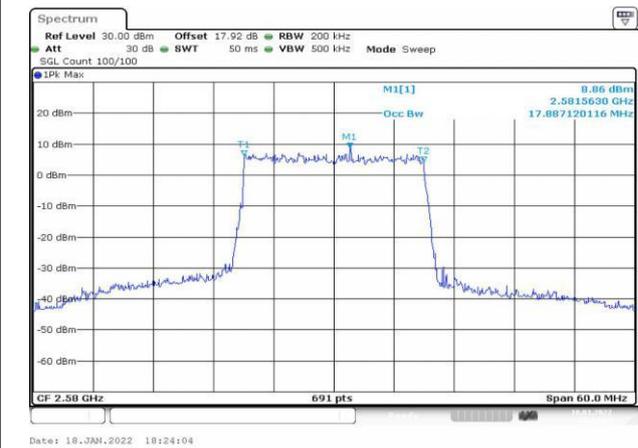


Fig.10

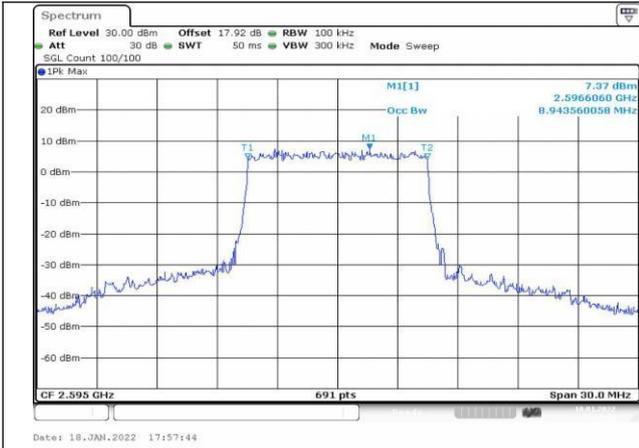


Fig.17

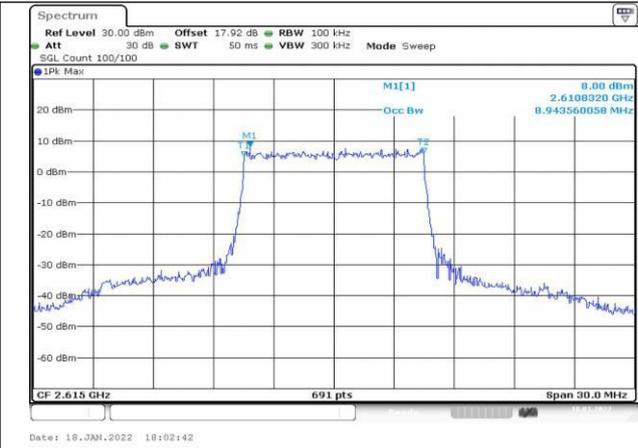


Fig.18

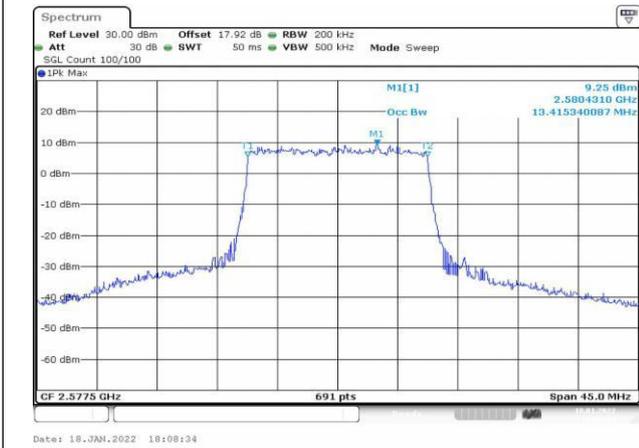


Fig.19



Fig.20

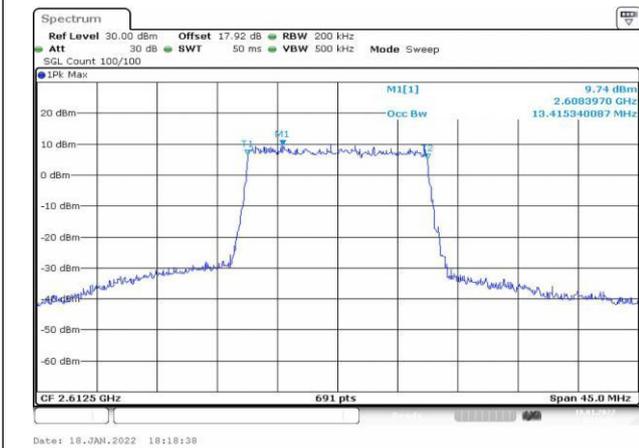


Fig.21

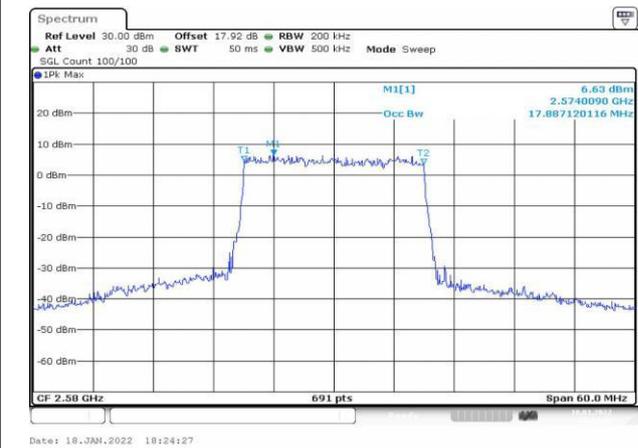


Fig.22

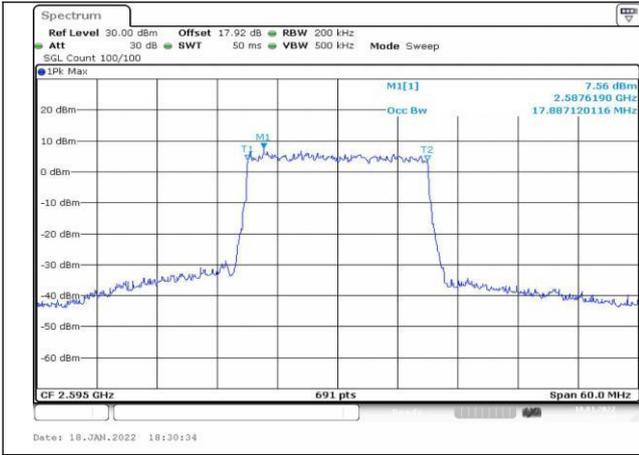


Fig.23

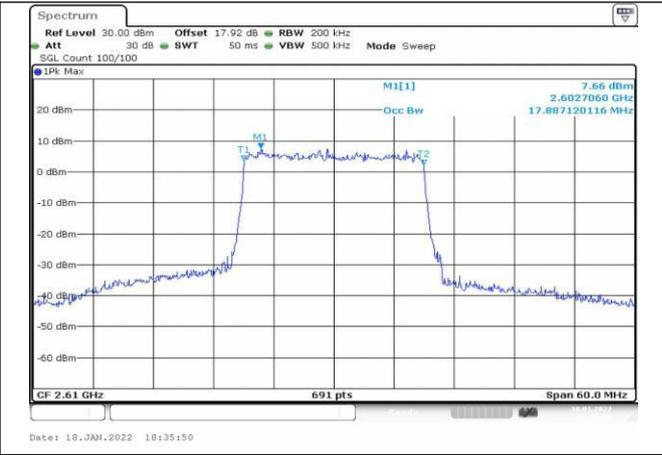


Fig.24

Test Mode: 64QAM

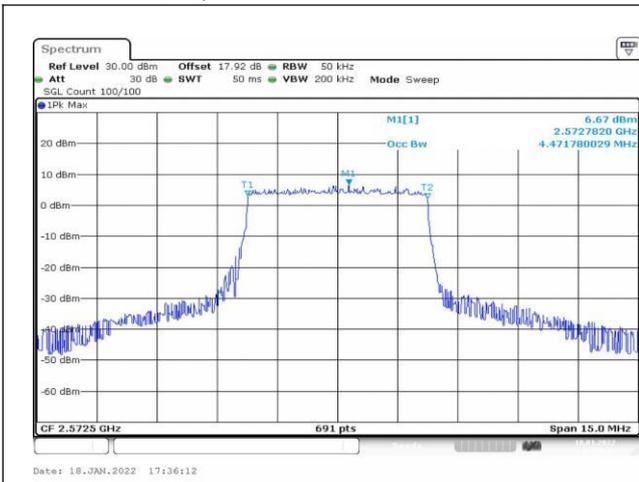


Fig.25

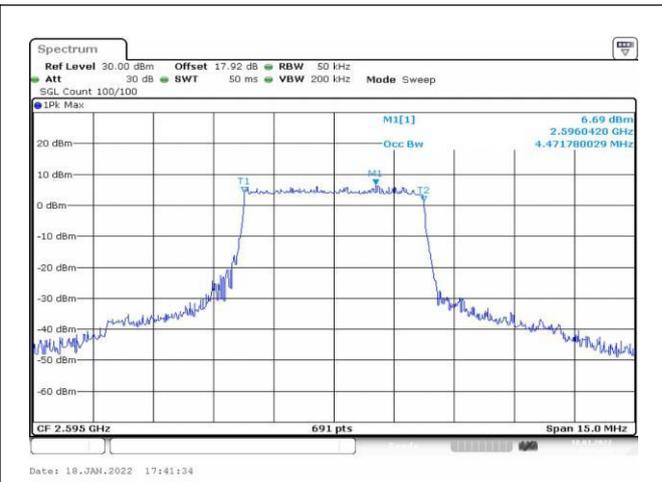


Fig.26

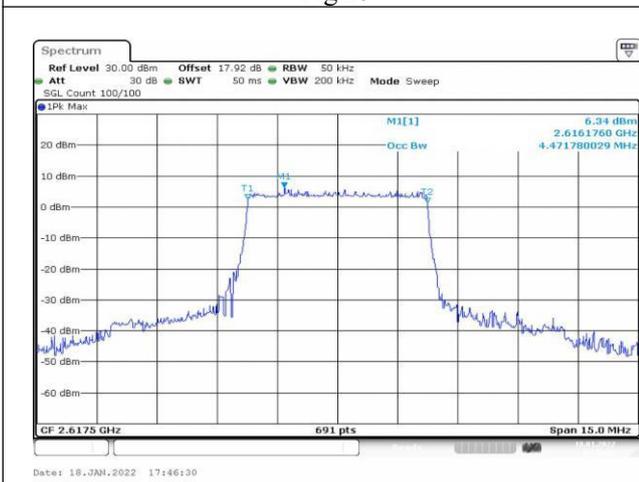


Fig.27

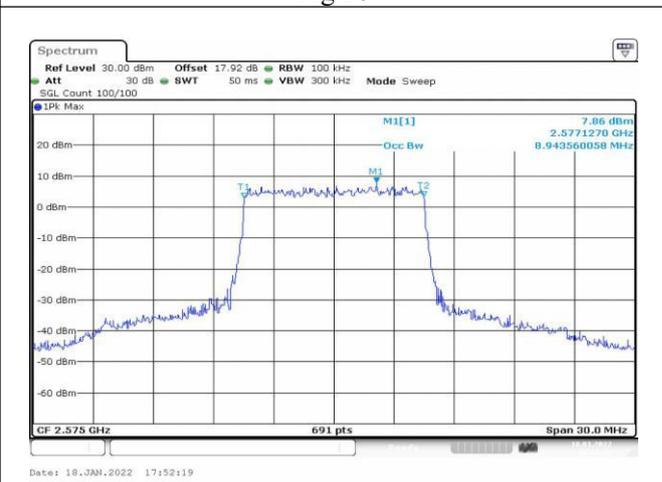


Fig.28

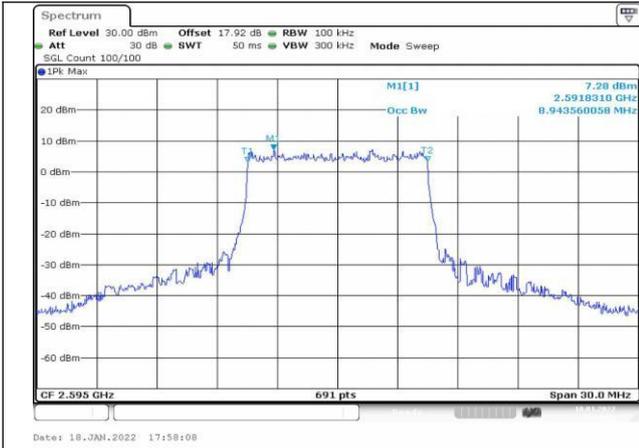


Fig.29

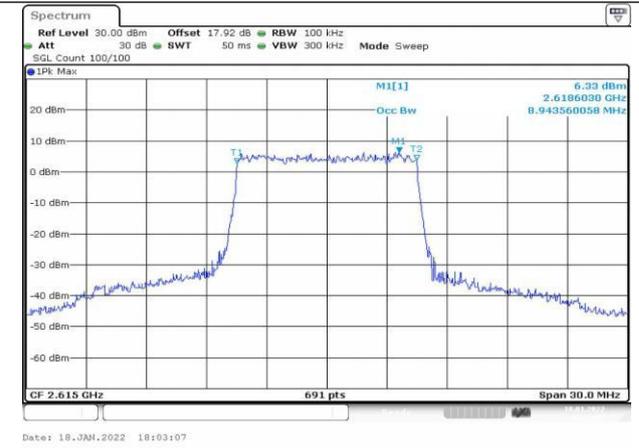


Fig.30



Fig.31

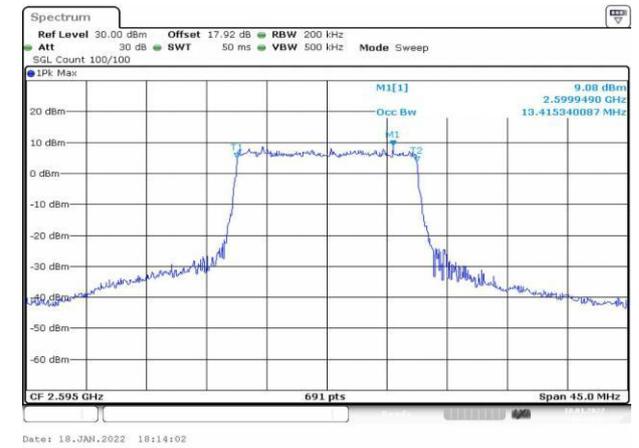


Fig.32

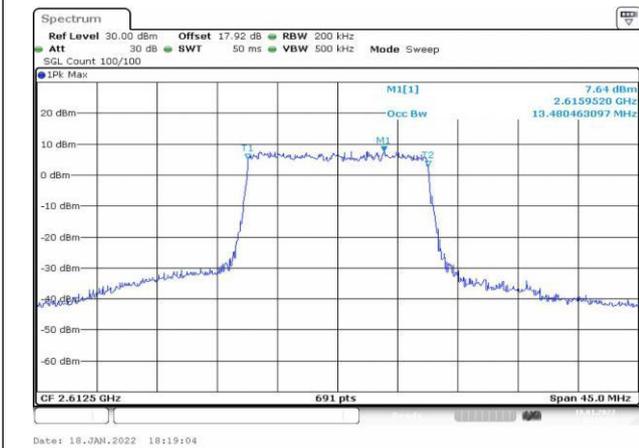


Fig.33

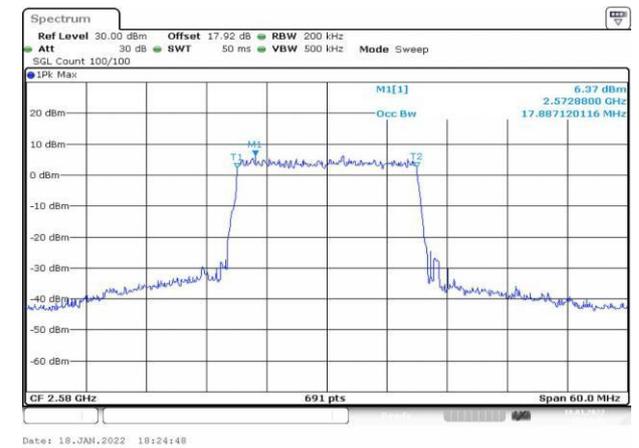


Fig.34

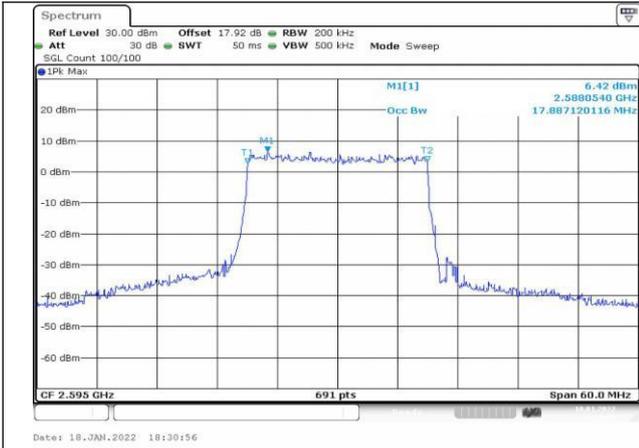


Fig.35

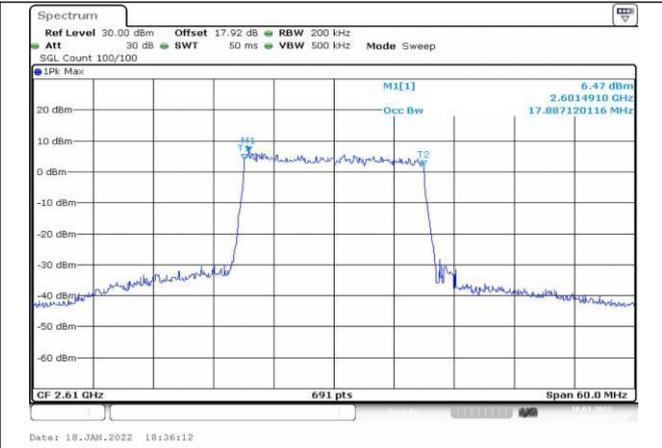


Fig.36

3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 38 | QPSK | 2572.5 | 37775 | 5 | 25 | 0 | 4.949 | Fig.1 |
| 38 | QPSK | 2595 | 38000 | 5 | 25 | 0 | 4.949 | Fig.2 |
| 38 | QPSK | 2617.5 | 38225 | 5 | 25 | 0 | 4.949 | Fig.3 |
| 38 | QPSK | 2575 | 37800 | 10 | 50 | 0 | 9.812 | Fig.4 |
| 38 | QPSK | 2595 | 38000 | 10 | 50 | 0 | 9.812 | Fig.5 |
| 38 | QPSK | 2615 | 38200 | 10 | 50 | 0 | 9.768 | Fig.6 |
| 38 | QPSK | 2577.5 | 37825 | 15 | 75 | 0 | 14.783 | Fig.7 |
| 38 | QPSK | 2595 | 38000 | 15 | 75 | 0 | 14.783 | Fig.8 |
| 38 | QPSK | 2612.5 | 38175 | 15 | 75 | 0 | 14.913 | Fig.9 |
| 38 | QPSK | 2580 | 37850 | 20 | 100 | 0 | 19.363 | Fig.10 |
| 38 | QPSK | 2595 | 38000 | 20 | 100 | 0 | 19.363 | Fig.11 |
| 38 | QPSK | 2610 | 38150 | 20 | 100 | 0 | 19.450 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 38 | 16QAM | 2572.5 | 37775 | 5 | 25 | 0 | 4.863 | Fig.13 |
| 38 | 16QAM | 2595 | 38000 | 5 | 25 | 0 | 4.906 | Fig.14 |
| 38 | 16QAM | 2617.5 | 38225 | 5 | 25 | 0 | 4.884 | Fig.15 |
| 38 | 16QAM | 2575 | 37800 | 10 | 50 | 0 | 9.638 | Fig.16 |
| 38 | 16QAM | 2595 | 38000 | 10 | 50 | 0 | 9.768 | Fig.17 |
| 38 | 16QAM | 2615 | 38200 | 10 | 50 | 0 | 9.768 | Fig.18 |
| 38 | 16QAM | 2577.5 | 37825 | 15 | 75 | 0 | 14.783 | Fig.19 |
| 38 | 16QAM | 2595 | 38000 | 15 | 75 | 0 | 14.783 | Fig.20 |
| 38 | 16QAM | 2612.5 | 38175 | 15 | 75 | 0 | 14.783 | Fig.21 |
| 38 | 16QAM | 2580 | 37850 | 20 | 100 | 0 | 19.450 | Fig.22 |
| 38 | 16QAM | 2595 | 38000 | 20 | 100 | 0 | 19.450 | Fig.23 |
| 38 | 16QAM | 2610 | 38150 | 20 | 100 | 0 | 19.363 | Fig.24 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 38 | 64QAM | 2572.5 | 37775 | 5 | 25 | 0 | 4.949 | Fig.25 |
| 38 | 64QAM | 2595 | 38000 | 5 | 25 | 0 | 4.949 | Fig.26 |
| 38 | 64QAM | 2617.5 | 38225 | 5 | 25 | 0 | 4.906 | Fig.27 |
| 38 | 64QAM | 2575 | 37800 | 10 | 50 | 0 | 9.682 | Fig.28 |
| 38 | 64QAM | 2595 | 38000 | 10 | 50 | 0 | 9.725 | Fig.29 |
| 38 | 64QAM | 2615 | 38200 | 10 | 50 | 0 | 9.725 | Fig.30 |
| 38 | 64QAM | 2577.5 | 37825 | 15 | 75 | 0 | 14.783 | Fig.31 |
| 38 | 64QAM | 2595 | 38000 | 15 | 75 | 0 | 14.718 | Fig.32 |
| 38 | 64QAM | 2612.5 | 38175 | 15 | 75 | 0 | 14.783 | Fig.33 |
| 38 | 64QAM | 2580 | 37850 | 20 | 100 | 0 | 19.450 | Fig.34 |
| 38 | 64QAM | 2595 | 38000 | 20 | 100 | 0 | 19.363 | Fig.35 |
| 38 | 64QAM | 2610 | 38150 | 20 | 100 | 0 | 19.363 | Fig.36 |

Test Mode: QPSK

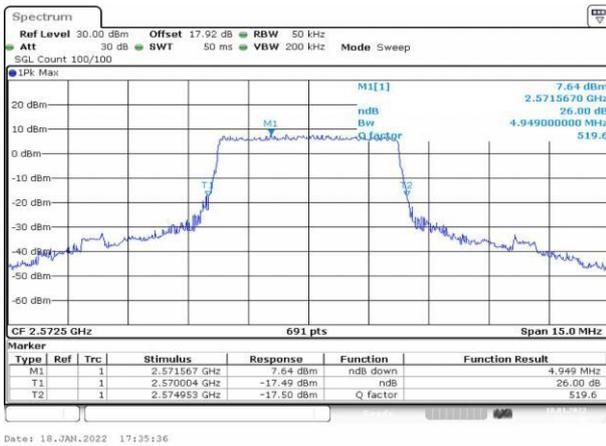


Fig.1

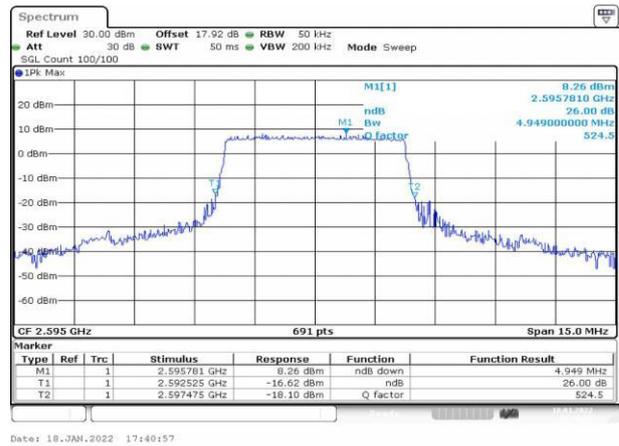


Fig.2

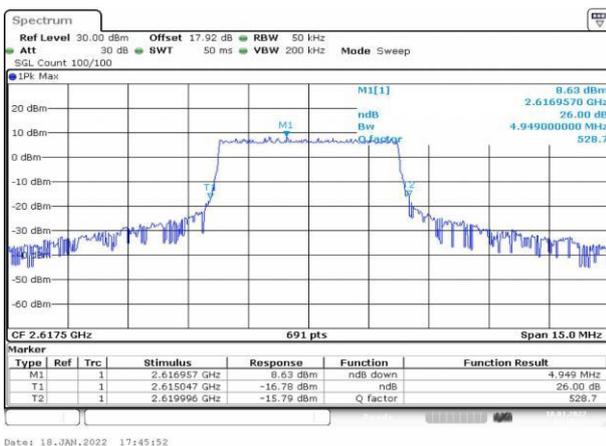


Fig.3

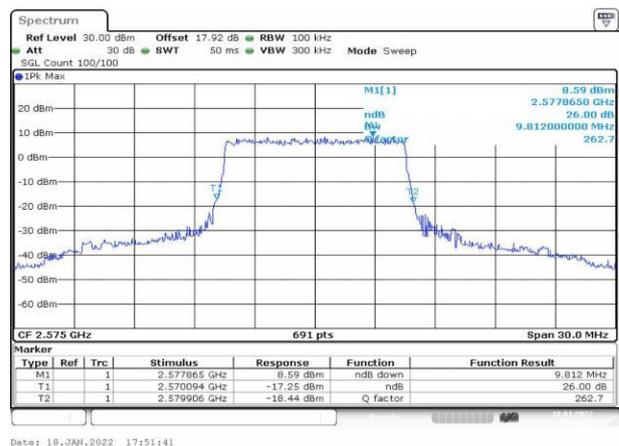


Fig.4

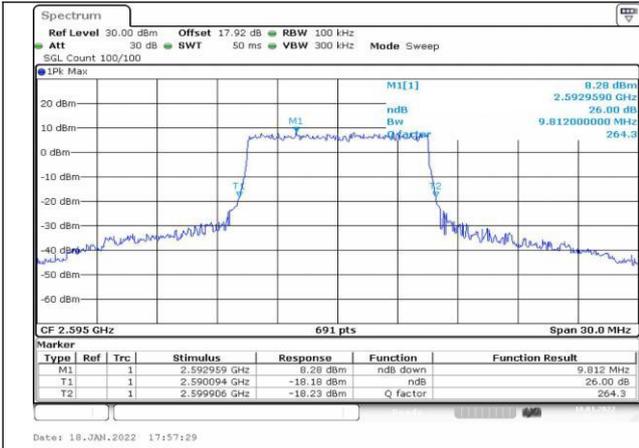


Fig.5



Fig.6

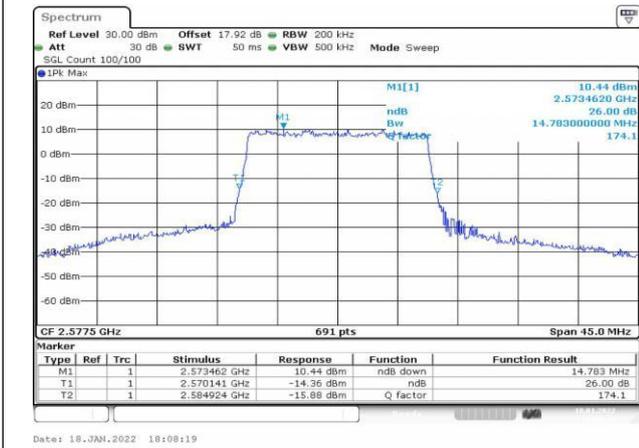


Fig.7

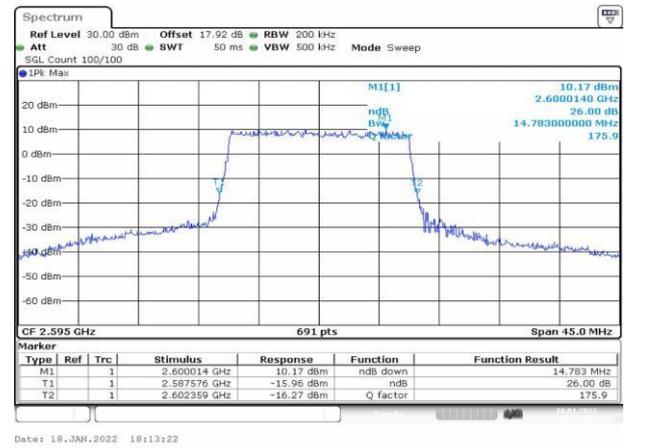


Fig.8

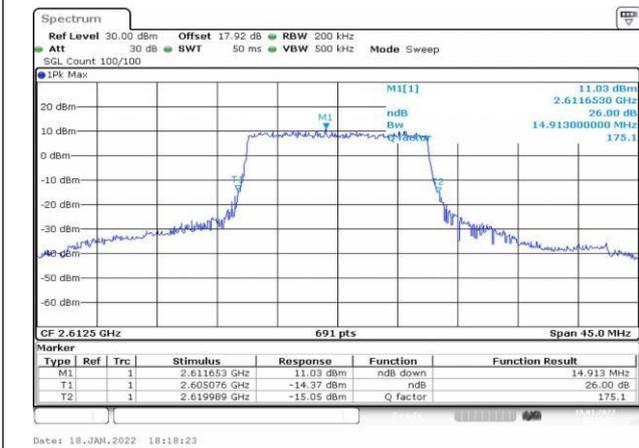


Fig.9

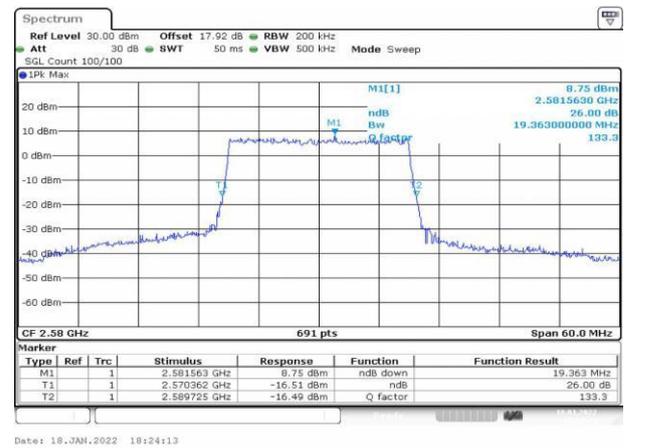


Fig.10

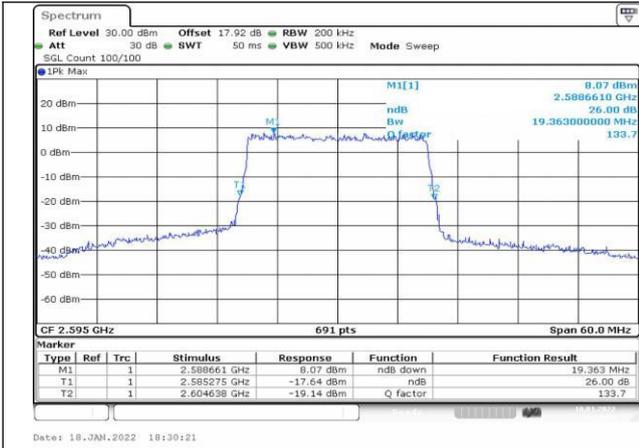


Fig.11

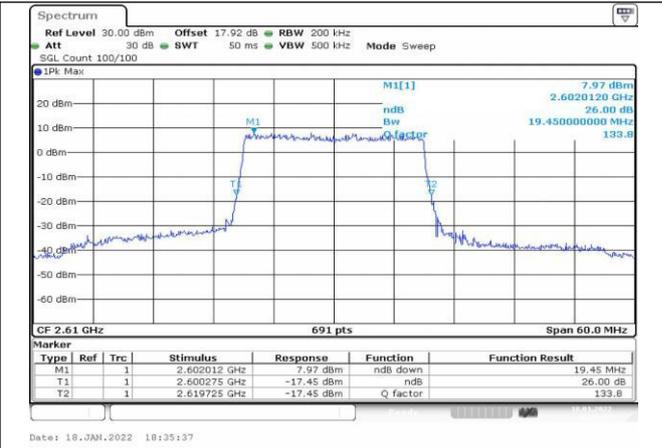


Fig.12

Test Mode: 16QAM

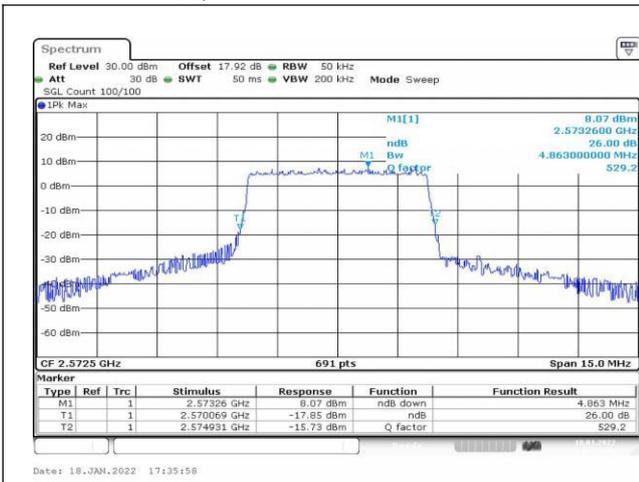


Fig.13

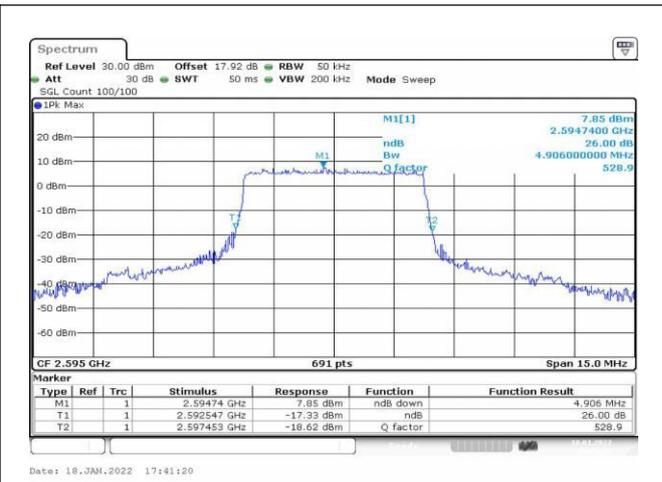


Fig.14

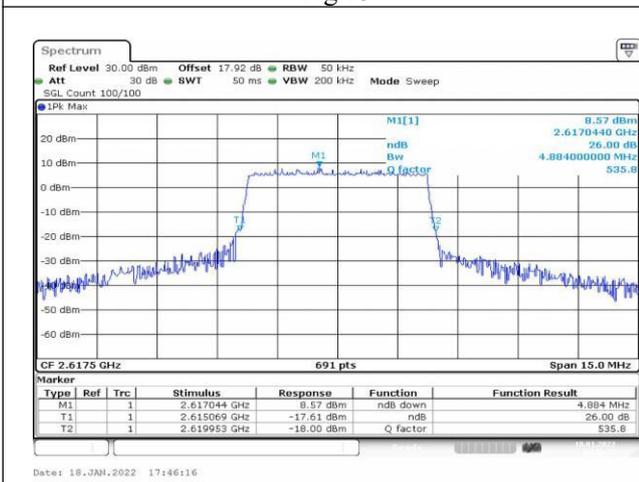


Fig.15

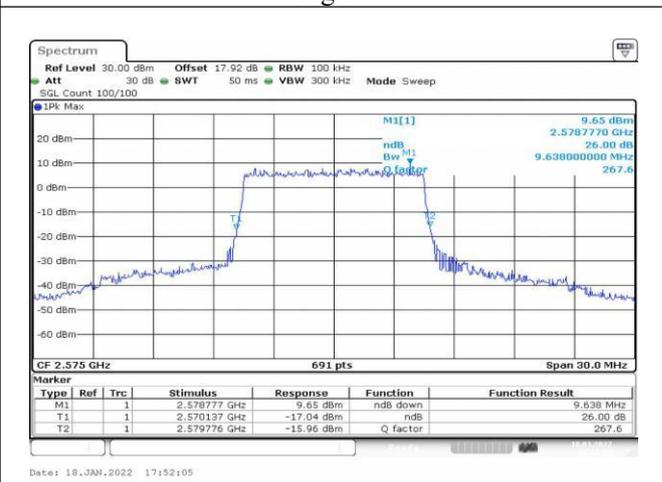


Fig.16

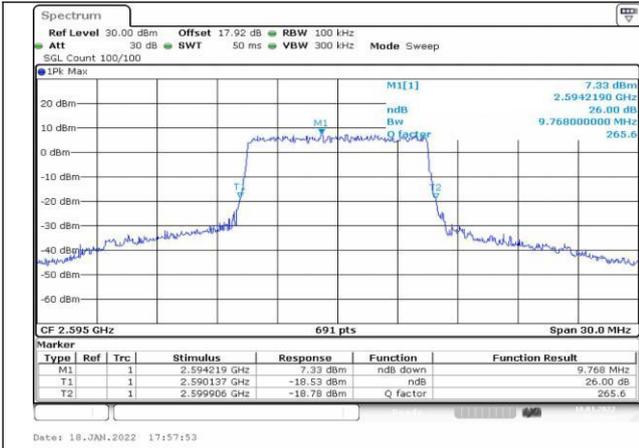


Fig.17

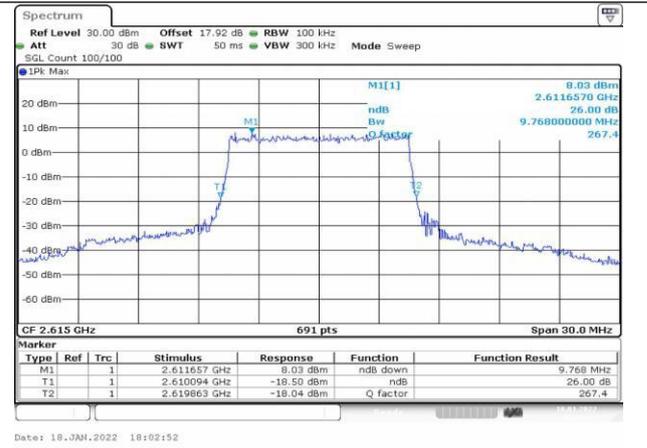


Fig.18

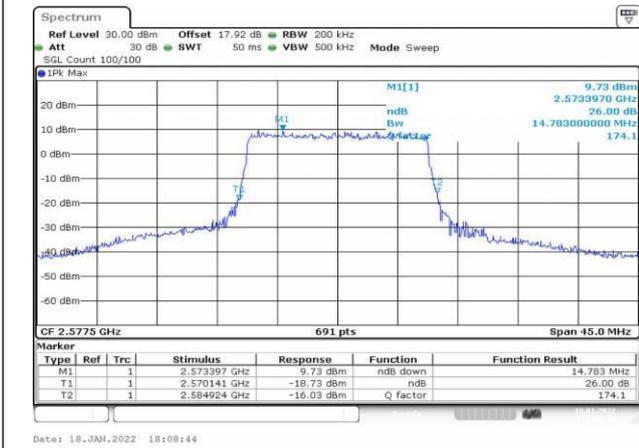


Fig.19

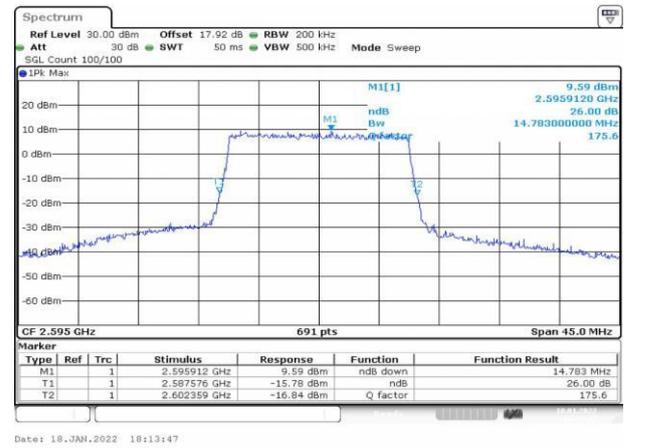


Fig.20

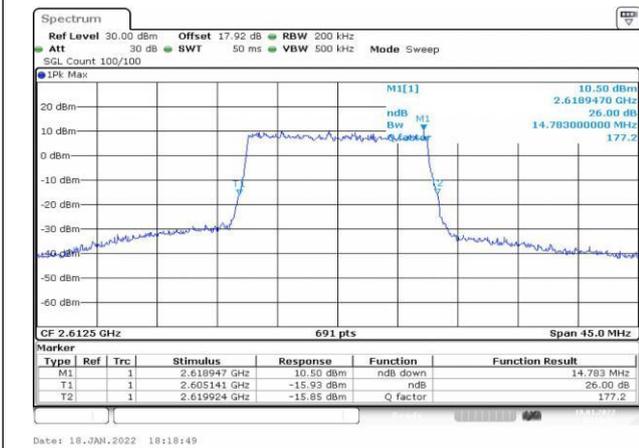


Fig.21

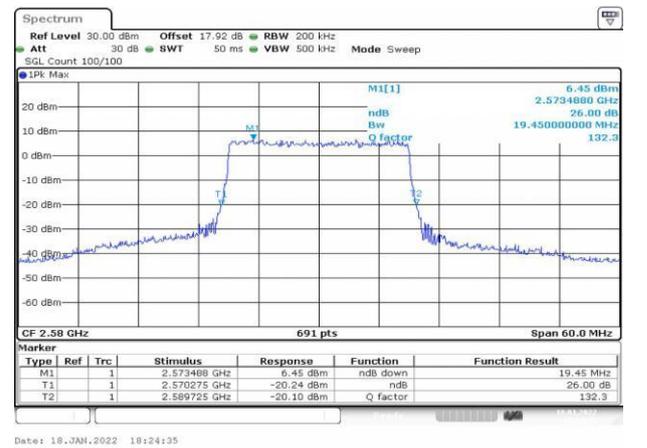


Fig.22

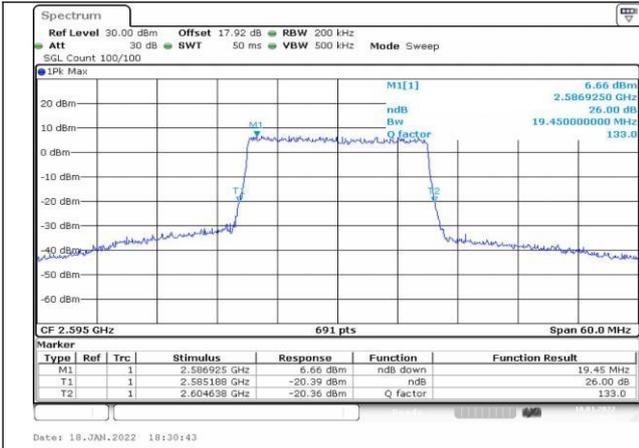


Fig.23

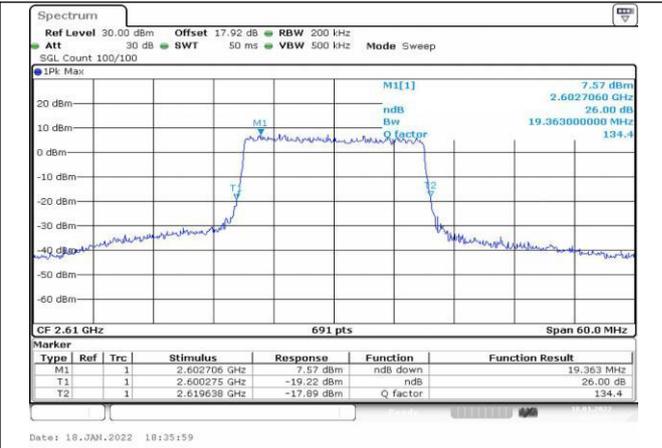


Fig.24

Test Mode: 64QAM

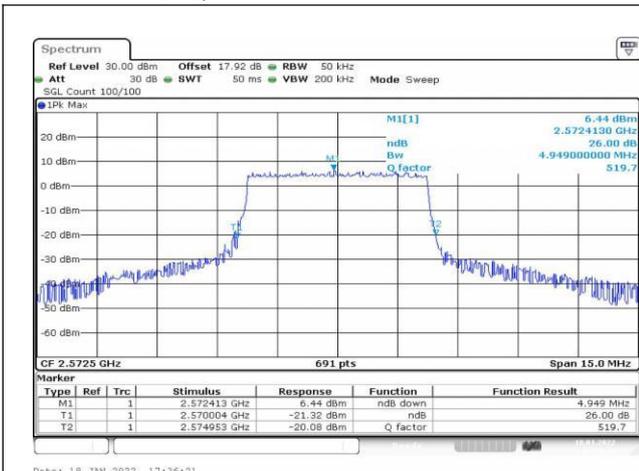


Fig.25

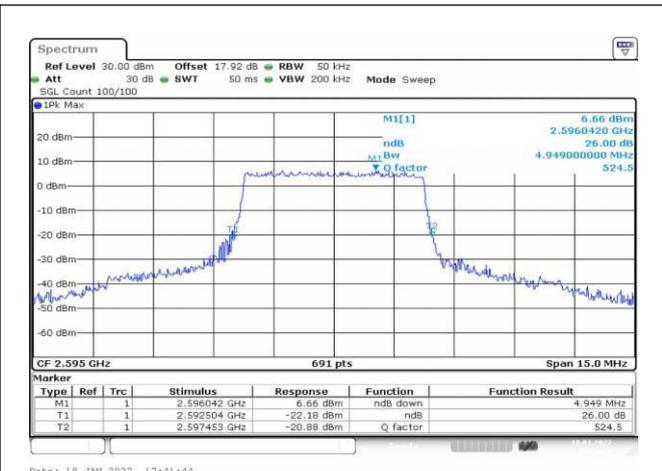


Fig.26

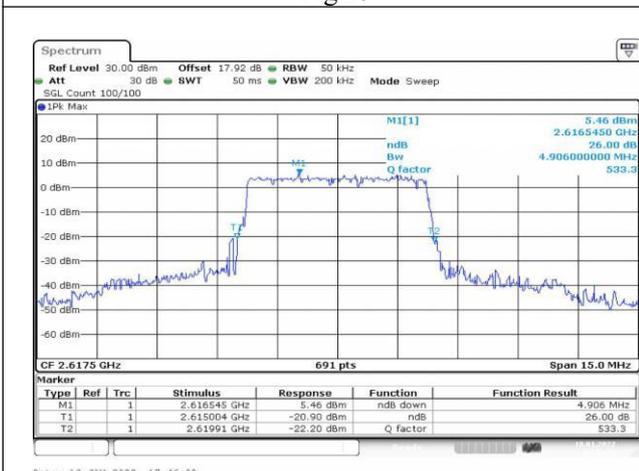


Fig.27



Fig.28

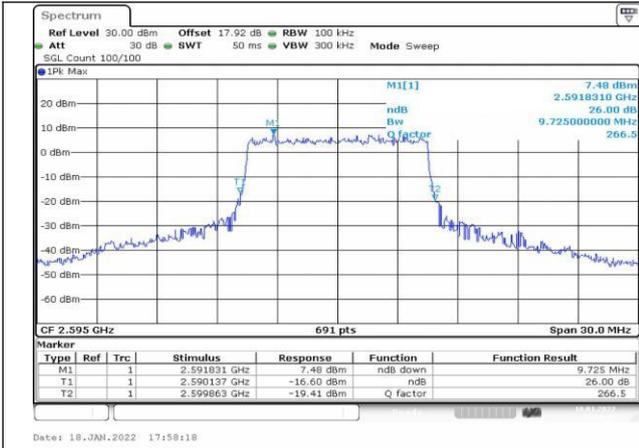


Fig.29



Fig.30

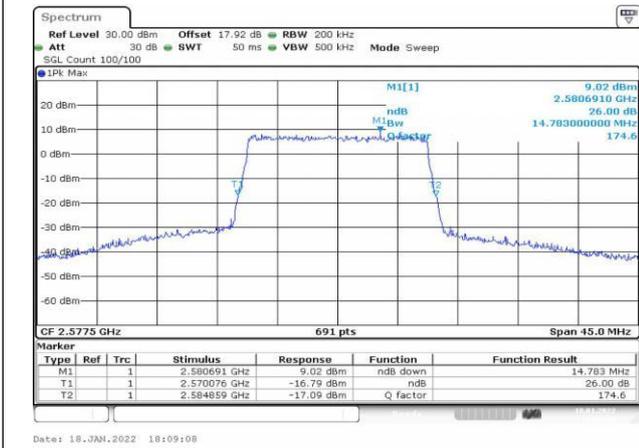


Fig.31

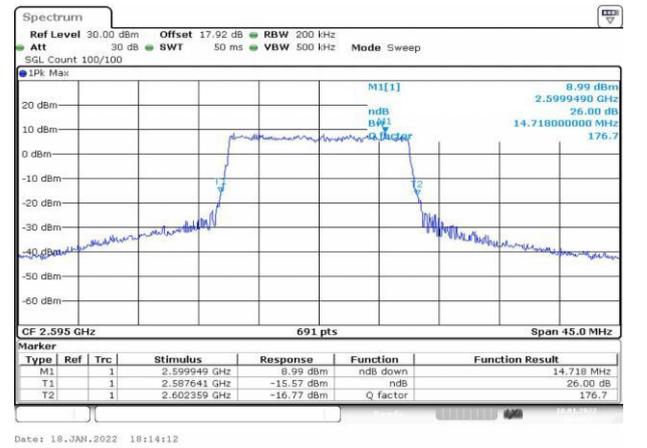


Fig.32

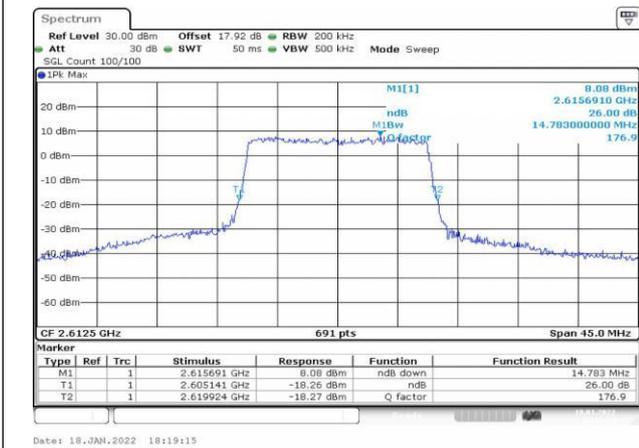


Fig.33

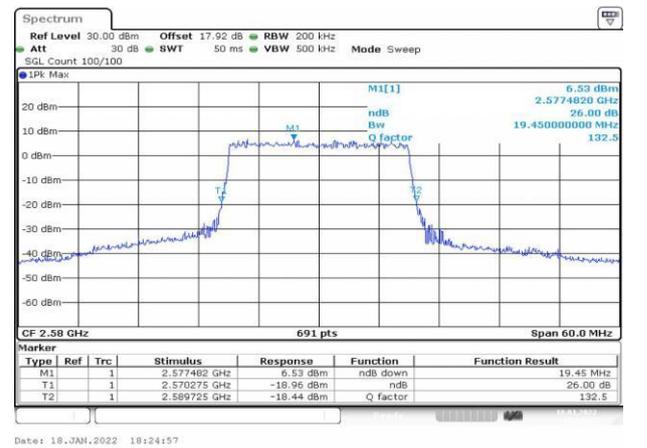


Fig.34

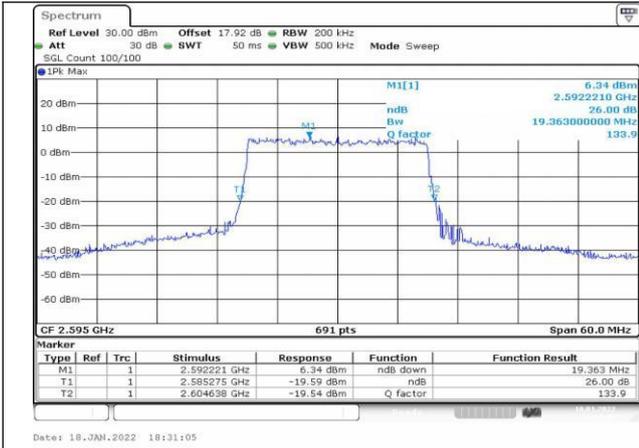


Fig.35

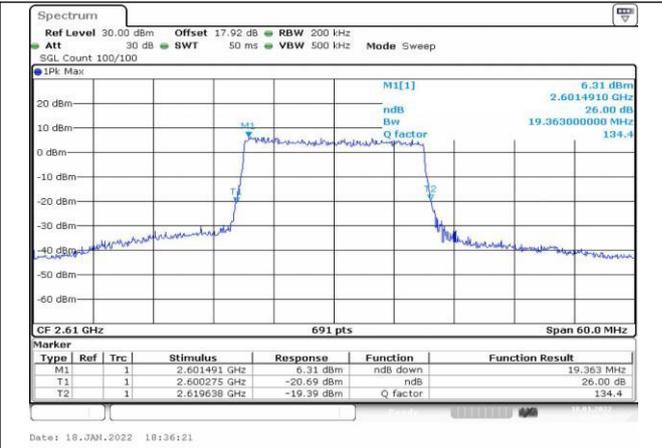


Fig.36

4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 38 | 2572.5 | 37775 | 5 | 1 | 24 | Fig.1 | Fig.2 | Fig.3 |
| 38 | 2572.5 | 37775 | 5 | 25 | 0 | Fig.4 | Fig.5 | Fig.6 |
| 38 | 2595 | 38000 | 5 | 1 | 24 | Fig.7 | Fig.8 | Fig.9 |
| 38 | 2595 | 38000 | 5 | 25 | 0 | Fig.10 | Fig.11 | Fig.12 |
| 38 | 2617.5 | 38225 | 5 | 1 | 24 | Fig.13 | Fig.14 | Fig.15 |
| 38 | 2617.5 | 38225 | 5 | 25 | 0 | Fig.16 | Fig.17 | Fig.18 |
| 38 | 2575 | 37800 | 10 | 1 | 49 | Fig.19 | Fig.20 | Fig.21 |
| 38 | 2575 | 37800 | 10 | 50 | 0 | Fig.22 | Fig.23 | Fig.24 |
| 38 | 2595 | 38000 | 10 | 1 | 49 | Fig.25 | Fig.26 | Fig.27 |
| 38 | 2595 | 38000 | 10 | 50 | 0 | Fig.28 | Fig.29 | Fig.30 |
| 38 | 2615 | 38200 | 10 | 1 | 49 | Fig.31 | Fig.32 | Fig.33 |
| 38 | 2615 | 38200 | 10 | 50 | 0 | Fig.34 | Fig.35 | Fig.36 |
| 38 | 2577.5 | 37825 | 15 | 1 | 74 | Fig.37 | Fig.38 | Fig.39 |
| 38 | 2577.5 | 37825 | 15 | 75 | 0 | Fig.40 | Fig.41 | Fig.42 |
| 38 | 2595 | 38000 | 15 | 1 | 74 | Fig.43 | Fig.44 | Fig.45 |
| 38 | 2595 | 38000 | 15 | 75 | 0 | Fig.46 | Fig.47 | Fig.48 |
| 38 | 2612.5 | 38175 | 15 | 1 | 74 | Fig.49 | Fig.50 | Fig.51 |
| 38 | 2612.5 | 38175 | 15 | 75 | 0 | Fig.52 | Fig.53 | Fig.54 |
| 38 | 2580 | 37850 | 20 | 1 | 99 | Fig.55 | Fig.56 | Fig.57 |
| 38 | 2580 | 37850 | 20 | 100 | 0 | Fig.58 | Fig.59 | Fig.60 |
| 38 | 2595 | 38000 | 20 | 1 | 99 | Fig.61 | Fig.62 | Fig.63 |
| 38 | 2595 | 38000 | 20 | 100 | 0 | Fig.64 | Fig.65 | Fig.66 |
| 38 | 2610 | 38150 | 20 | 1 | 99 | Fig.67 | Fig.68 | Fig.69 |
| 38 | 2610 | 38150 | 20 | 100 | 0 | Fig.70 | Fig.71 | Fig.72 |

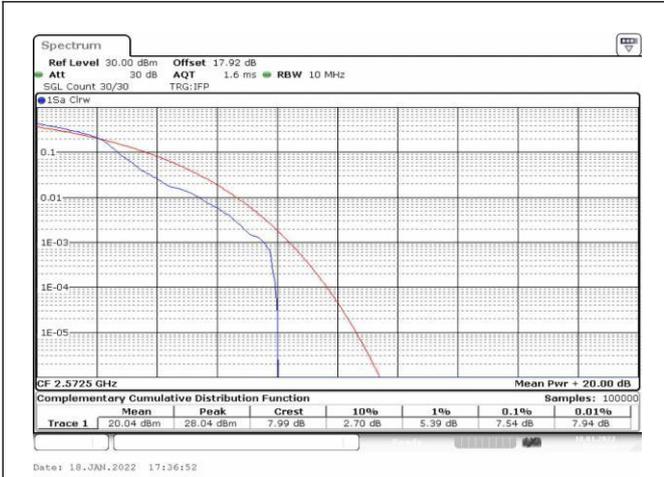


Fig.1

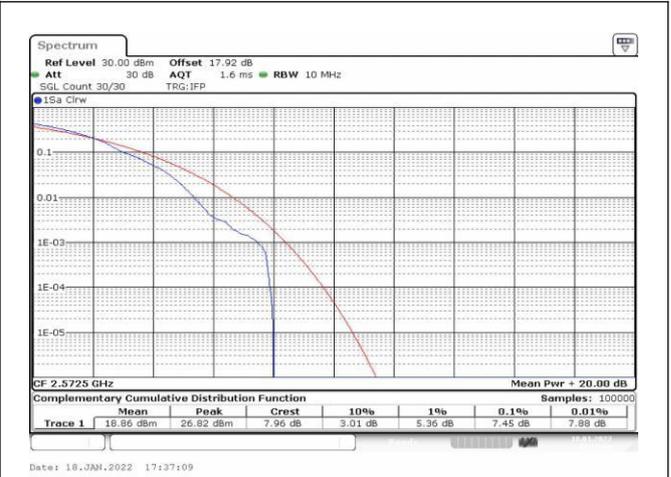


Fig.2

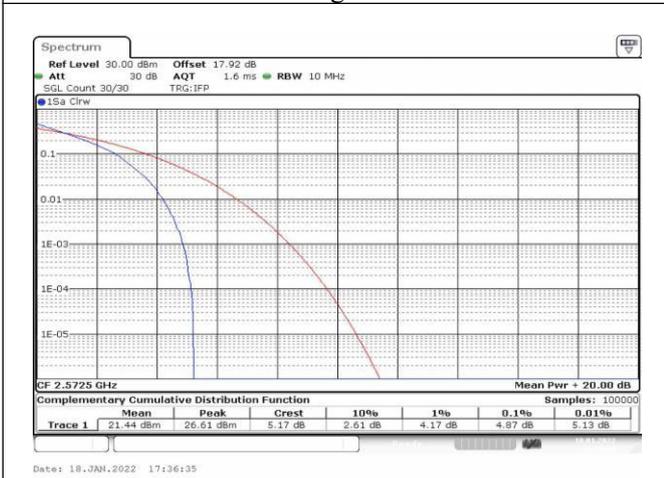


Fig.3



Fig.4

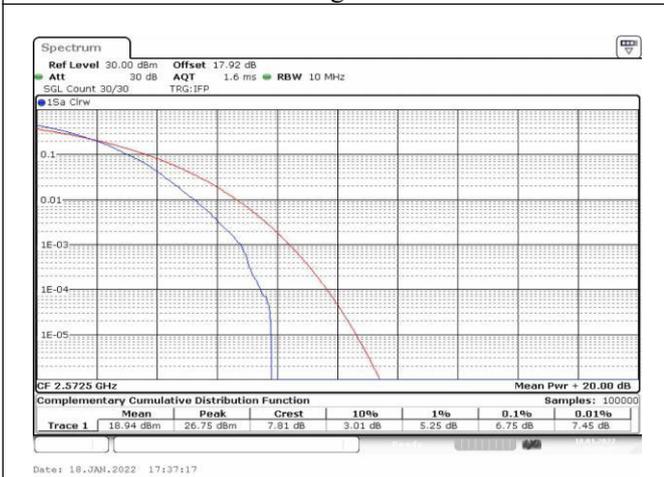


Fig.5

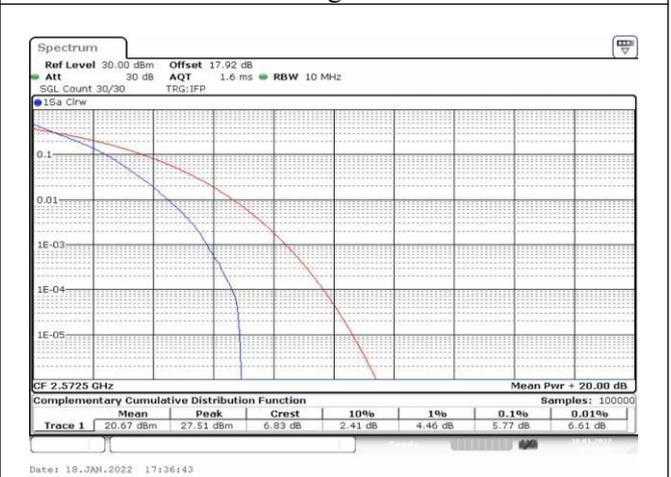


Fig.6



Fig.7

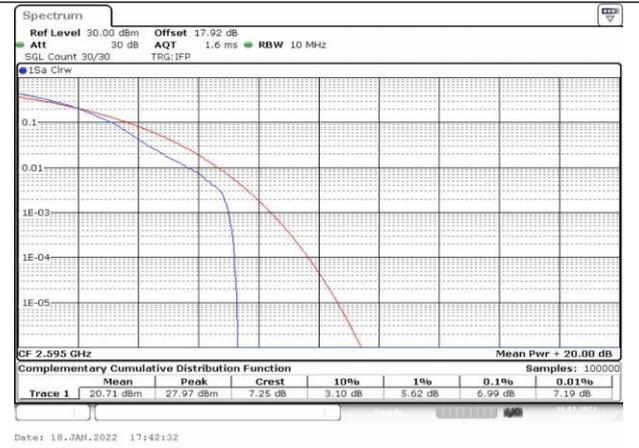


Fig.8

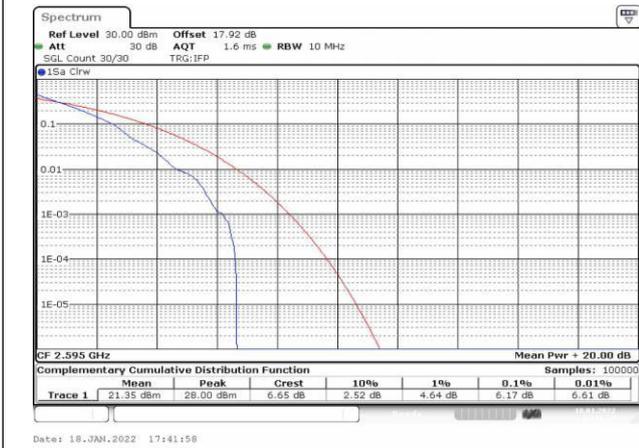


Fig.9

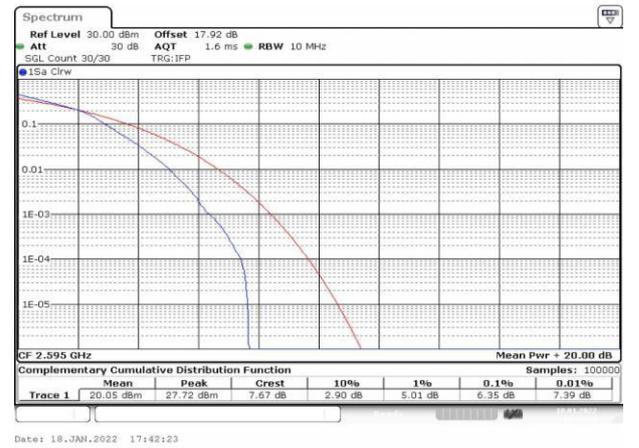


Fig.10

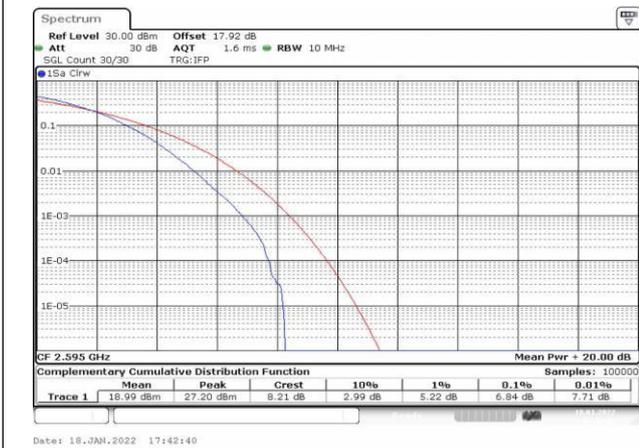


Fig.11

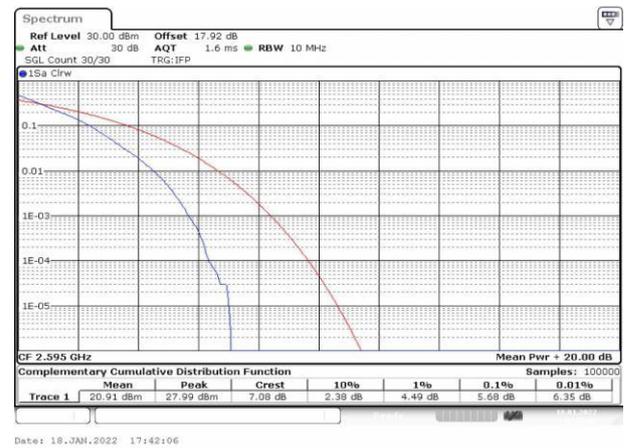


Fig.12

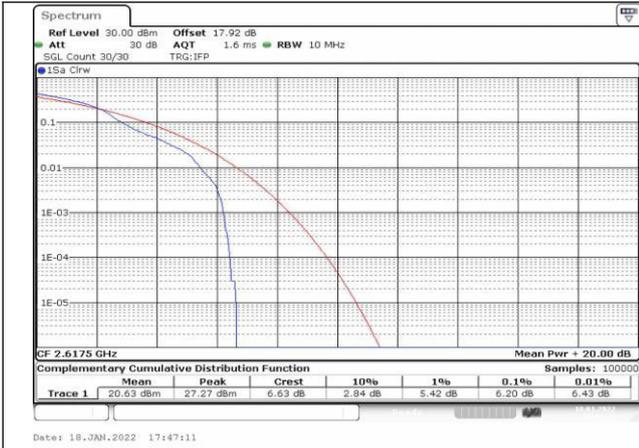


Fig.13

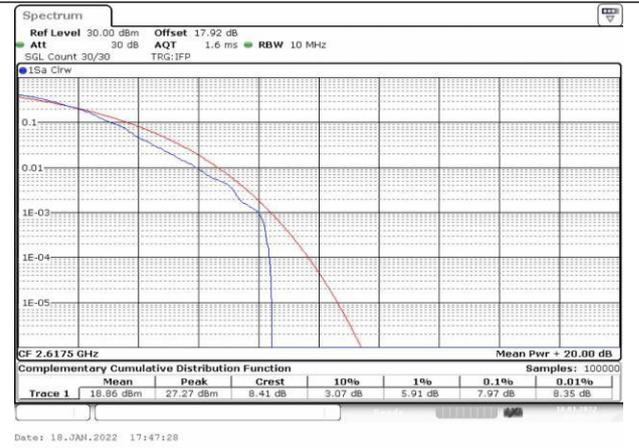


Fig.14

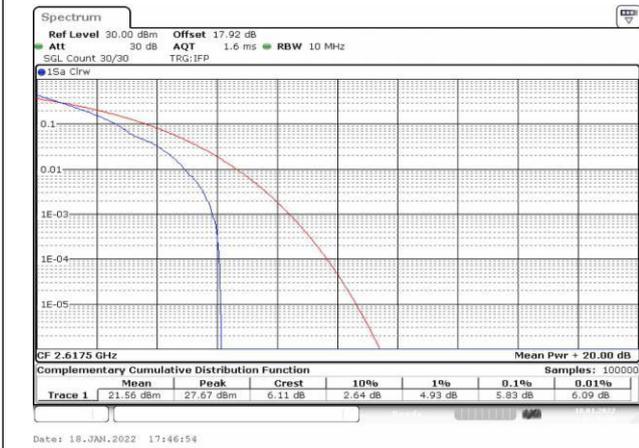


Fig.15

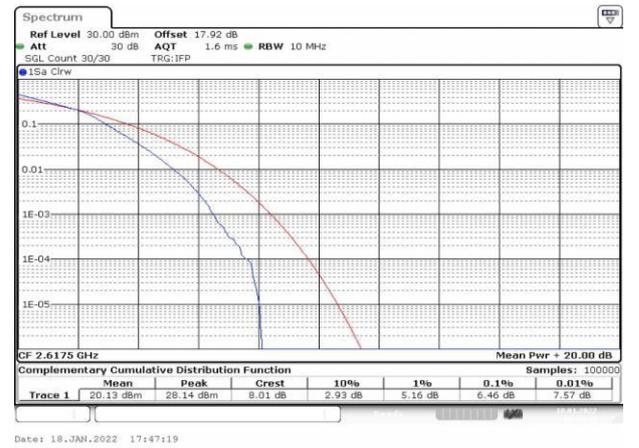


Fig.16

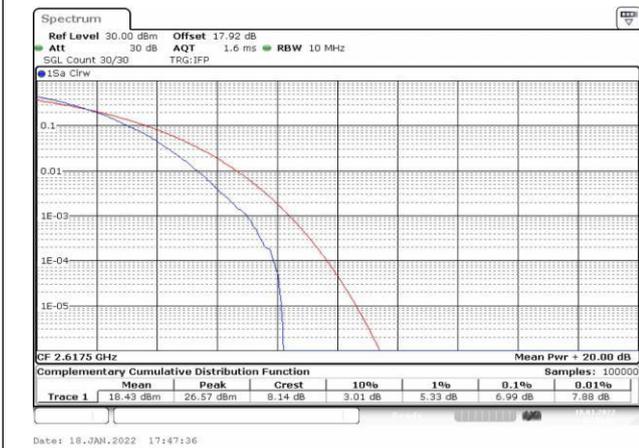


Fig.17

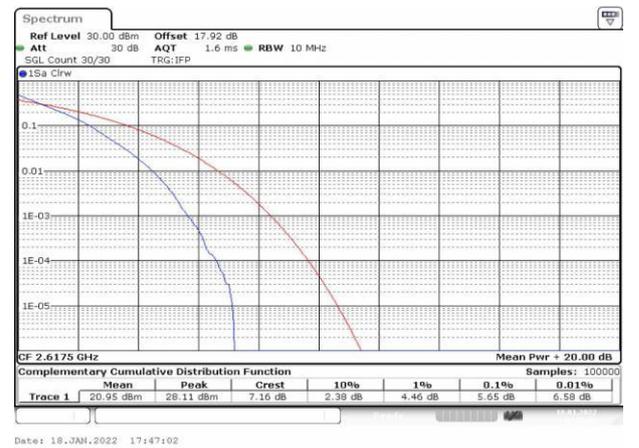


Fig.18

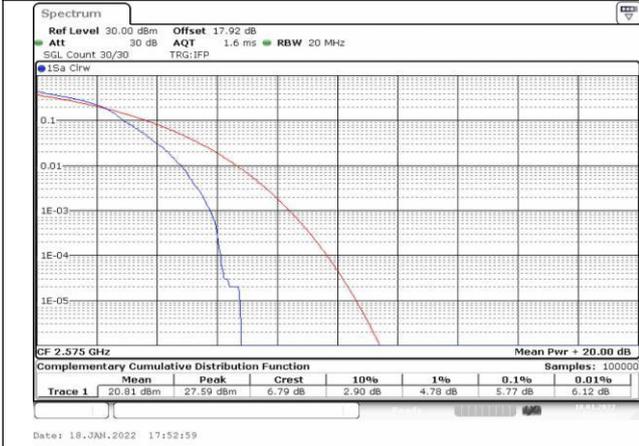


Fig.19



Fig.20

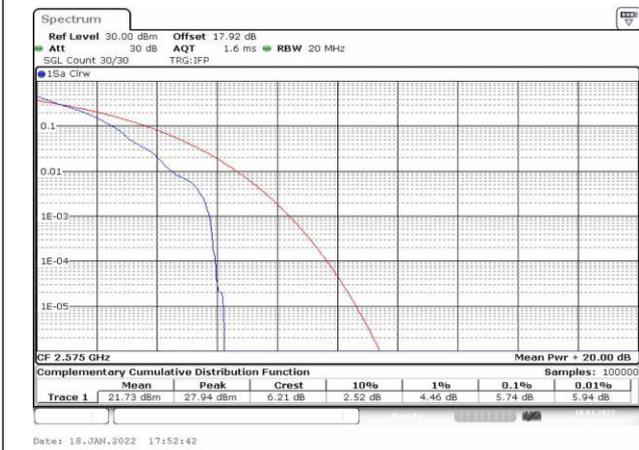


Fig.21

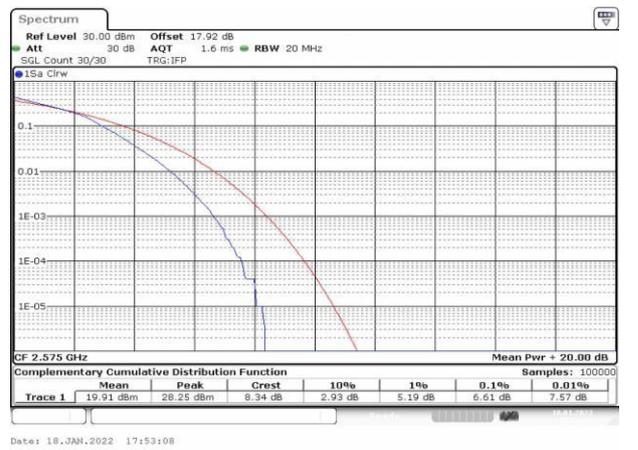


Fig.22

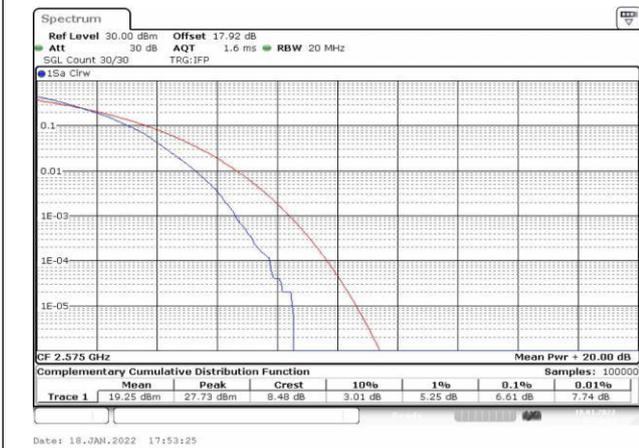


Fig.23

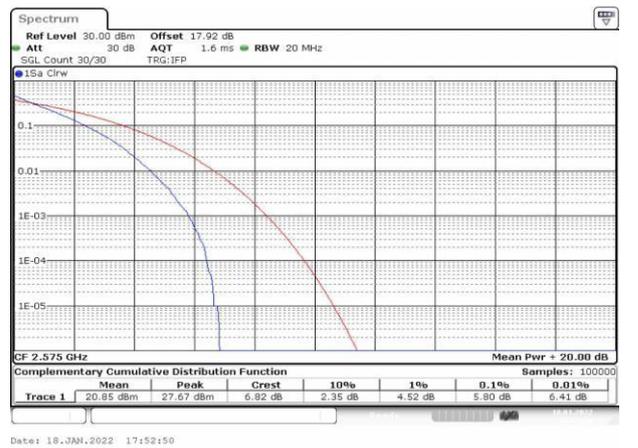


Fig.24