

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 3 | 15 | 0 | 2.761 | Fig.1 | 2.774 | Fig.2 | 2.774 | Fig.3 |

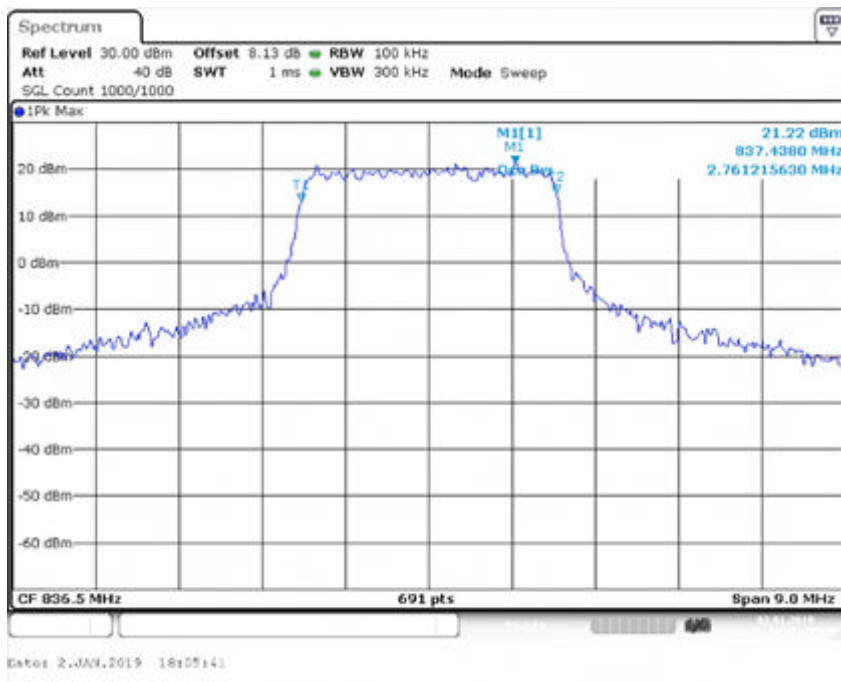


Fig.1

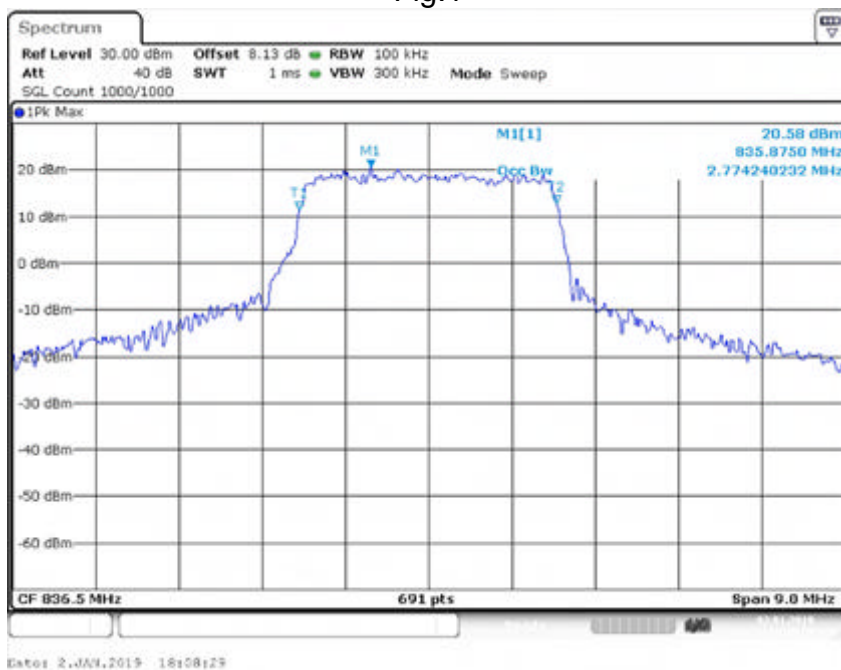


Fig.2

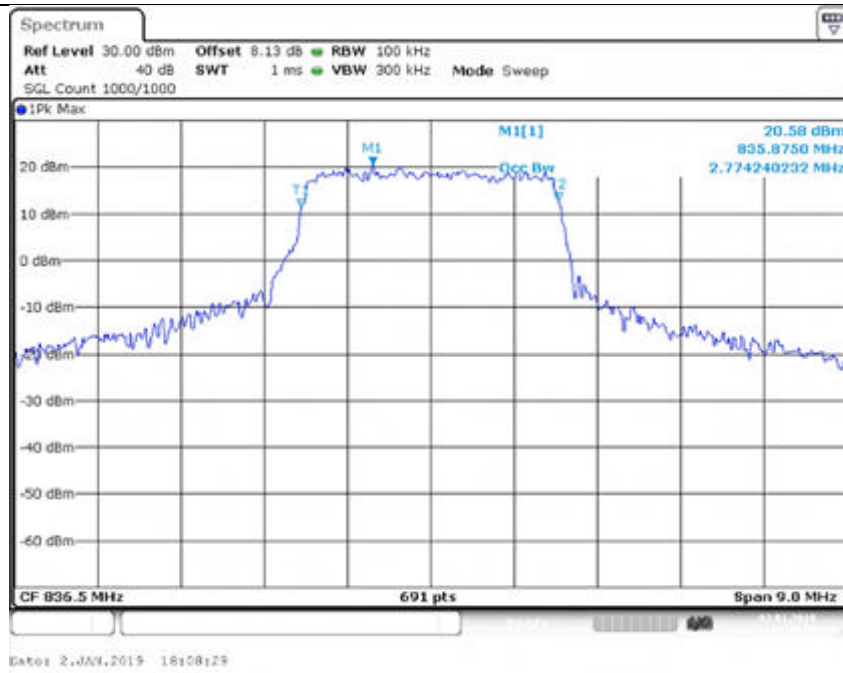


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 847.5 | 20635 | 3 | 15 | 0 | 2.787 | Fig.1 | 2.774 | Fig.2 | 2.774 | Fig.3 |

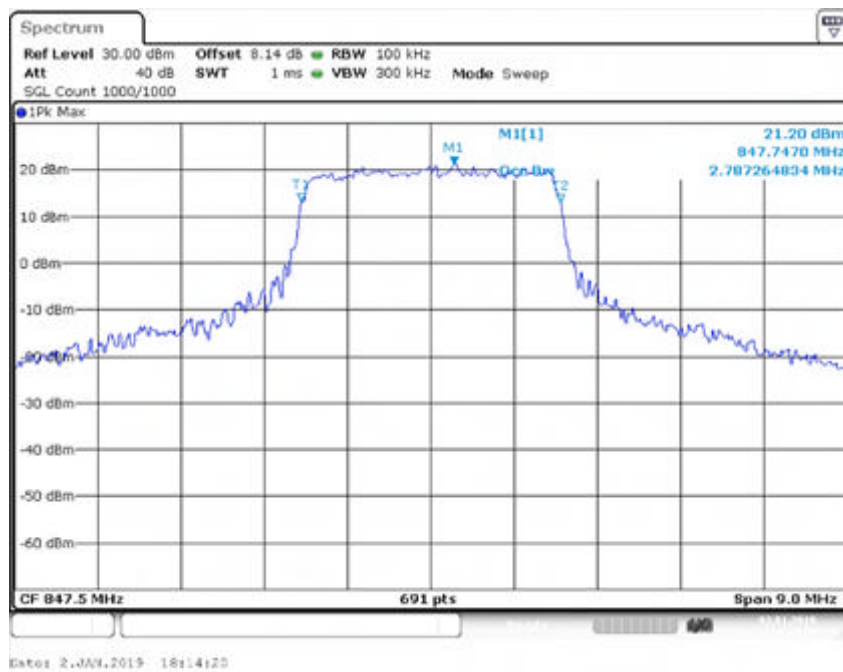


Fig.1

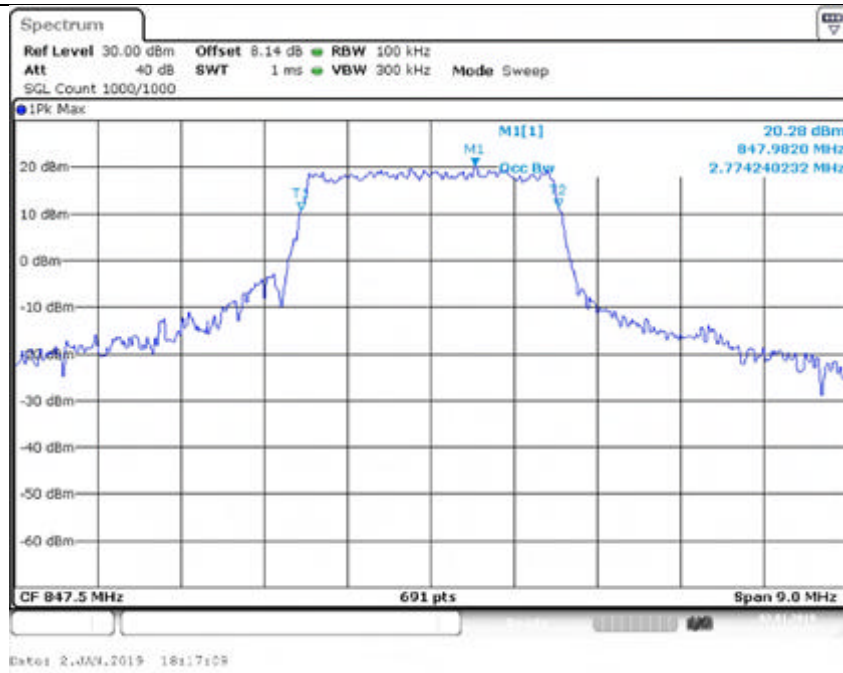


Fig.2

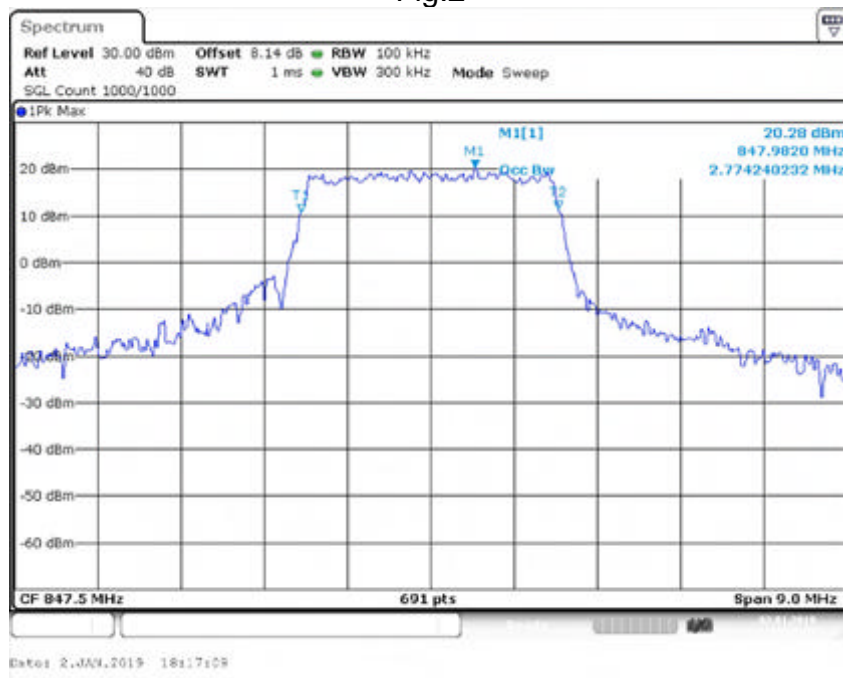


Fig.3

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 826.5 | 20425 | 5 | 25 | 0 | 4.537 | Fig.1 | 4.515 | Fig.2 | 4.515 | Fig.3 |

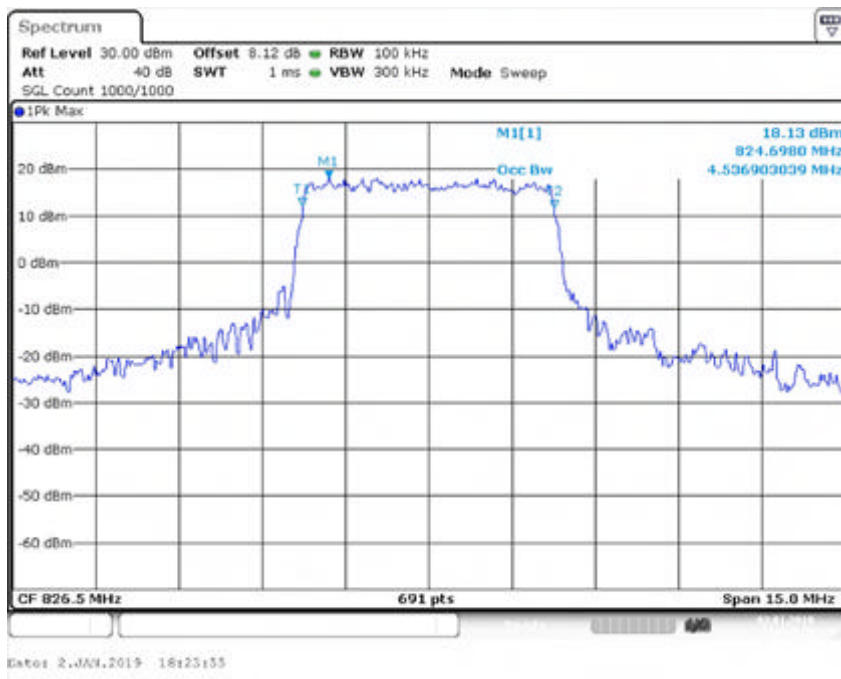


Fig.1

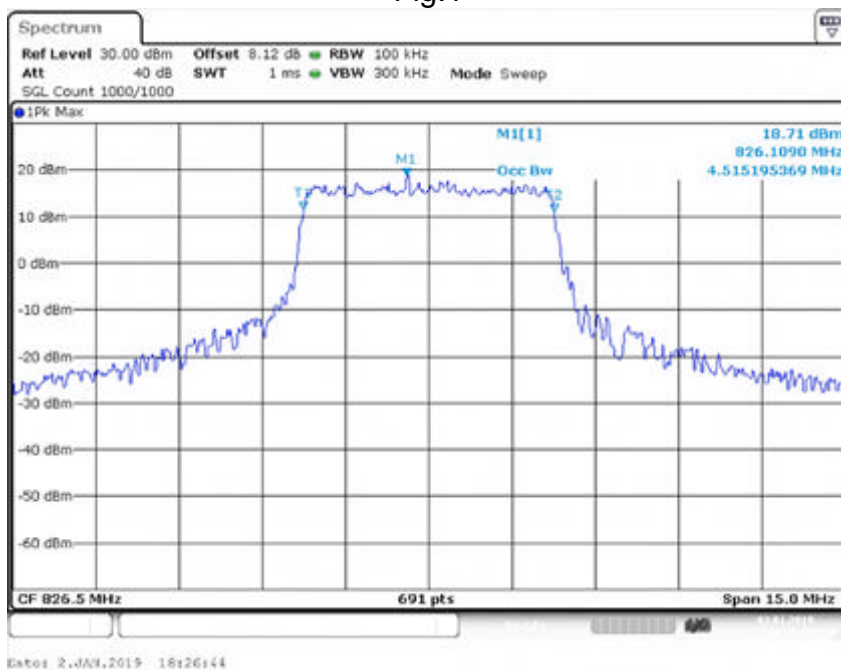


Fig.2

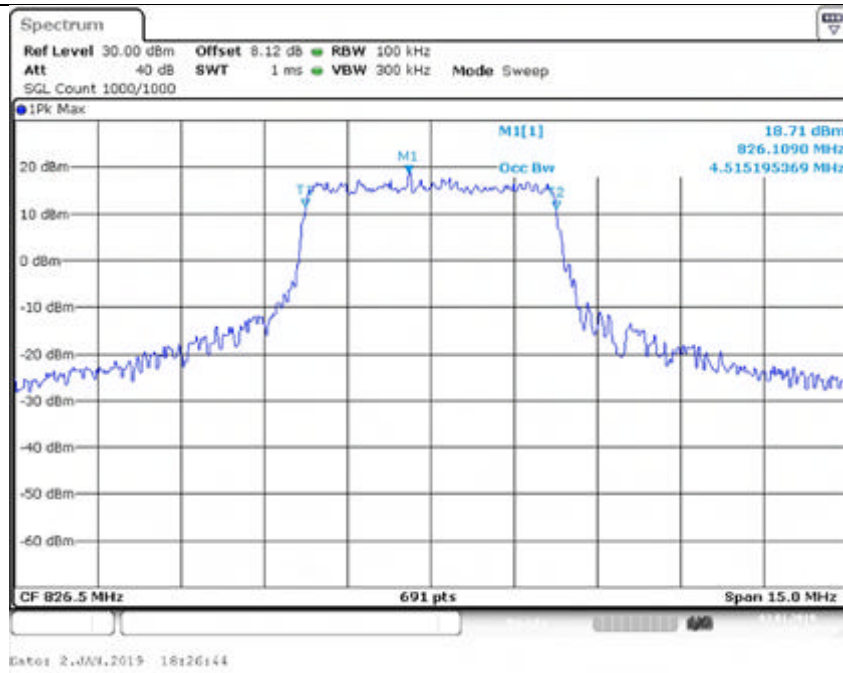


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 5 | 25 | 0 | 4.515 | Fig.1 | 4.537 | Fig.2 | 4.537 | Fig.3 |

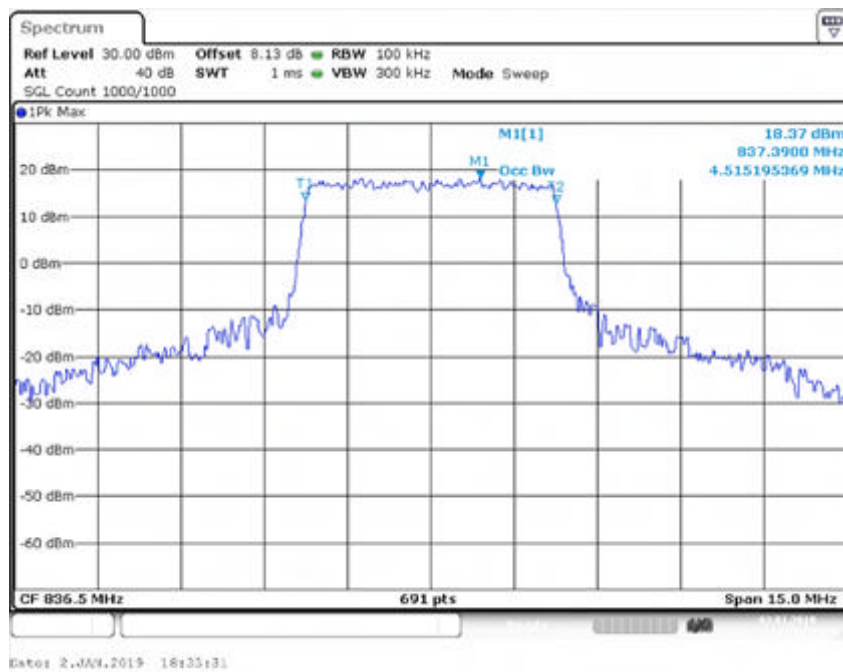


Fig.1

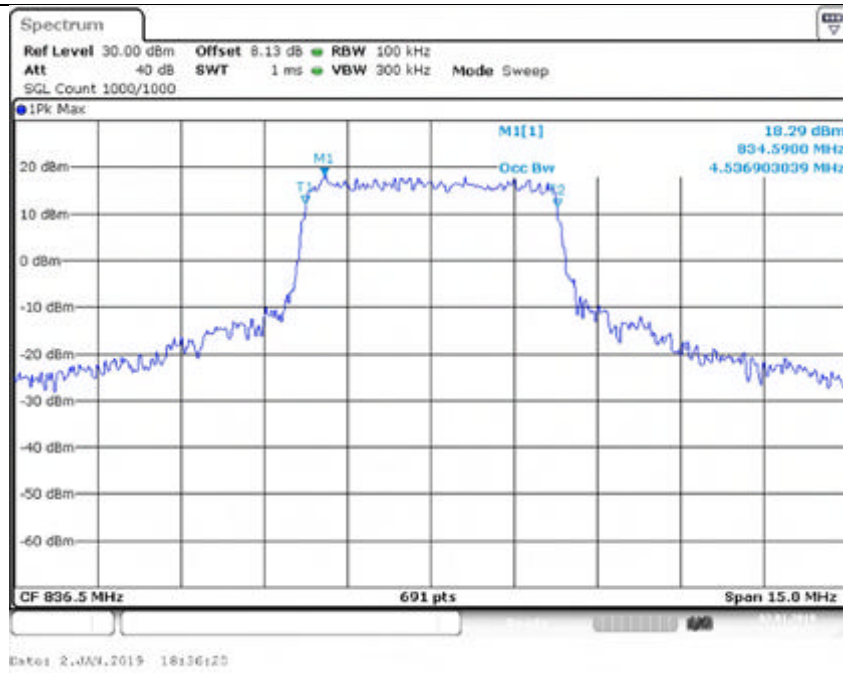


Fig.2

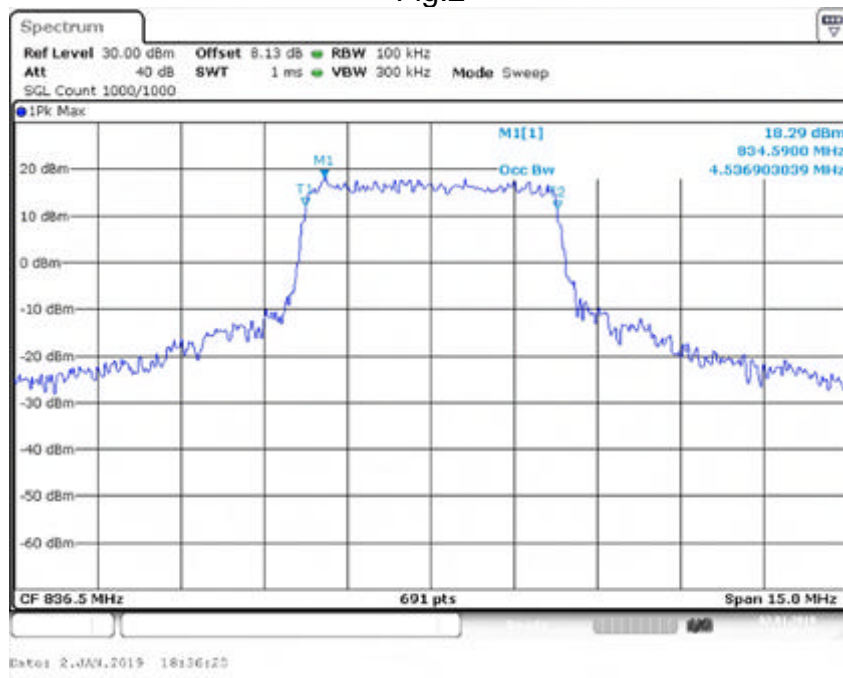


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 16-QAM | |
| 5 | 846.5 | 20625 | 5 | 25 | 0 | 4.515 | Fig.1 | 4.537 | Fig.2 | 4.537 | Fig.3 |

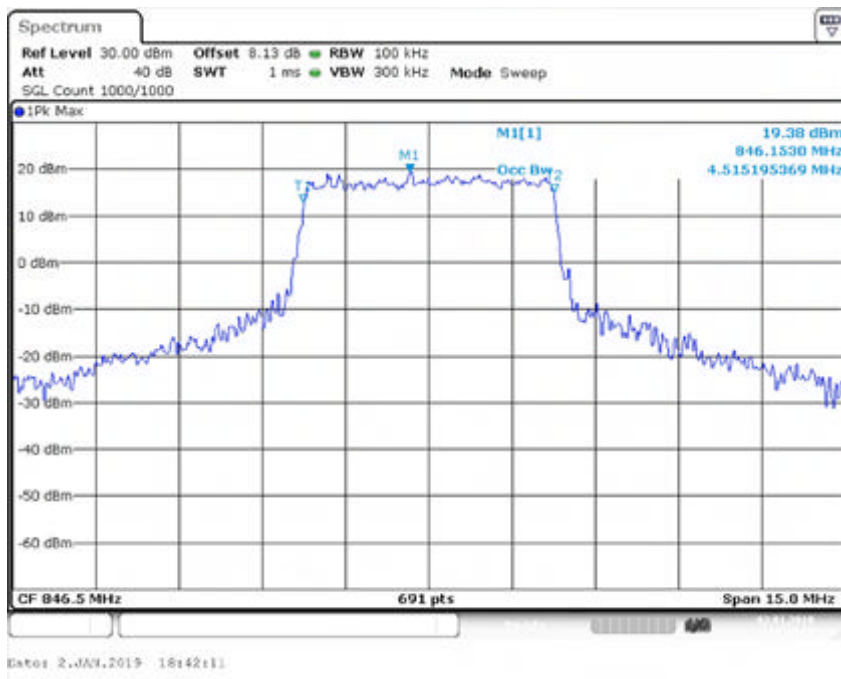


Fig.1

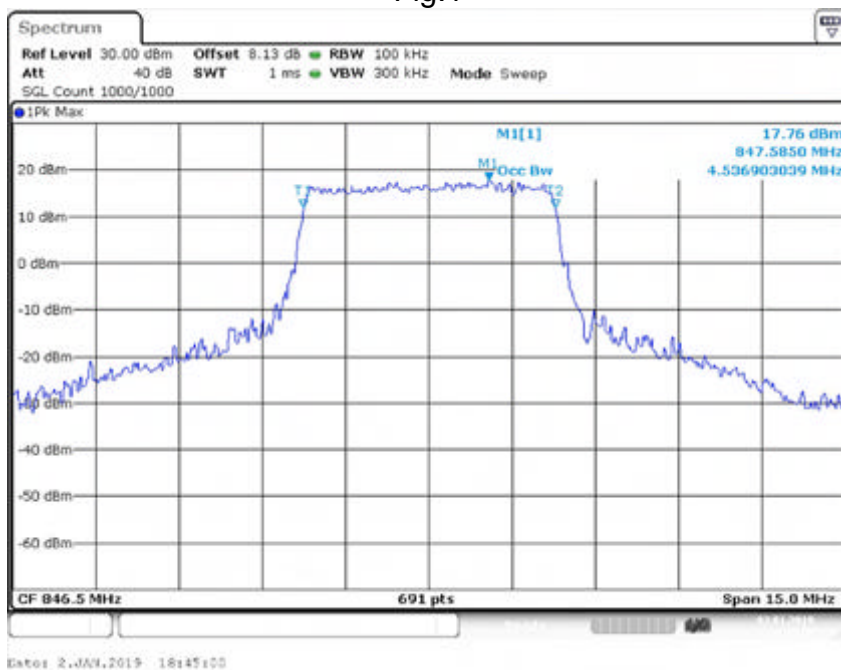


Fig.2

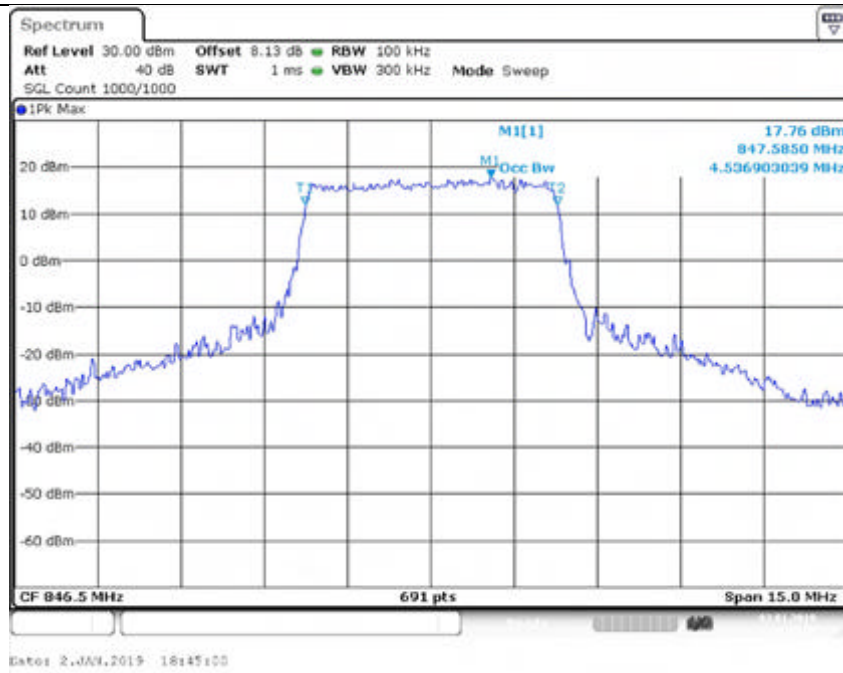


Fig.3

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 829 | 20450 | 10 | 50 | 0 | 9.117 | Fig.1 | 9.117 | Fig.2 | 9.117 | Fig.3 |

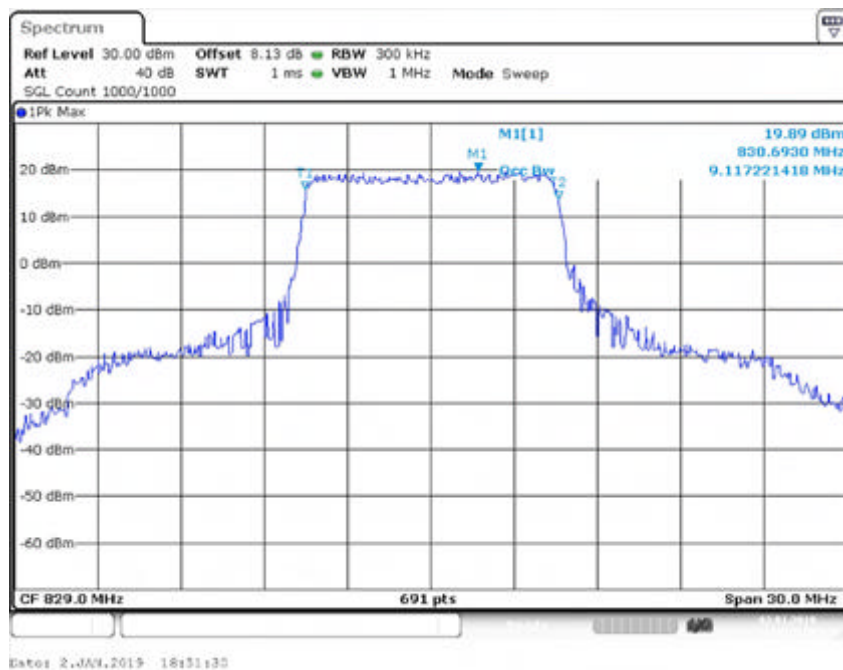


Fig.1

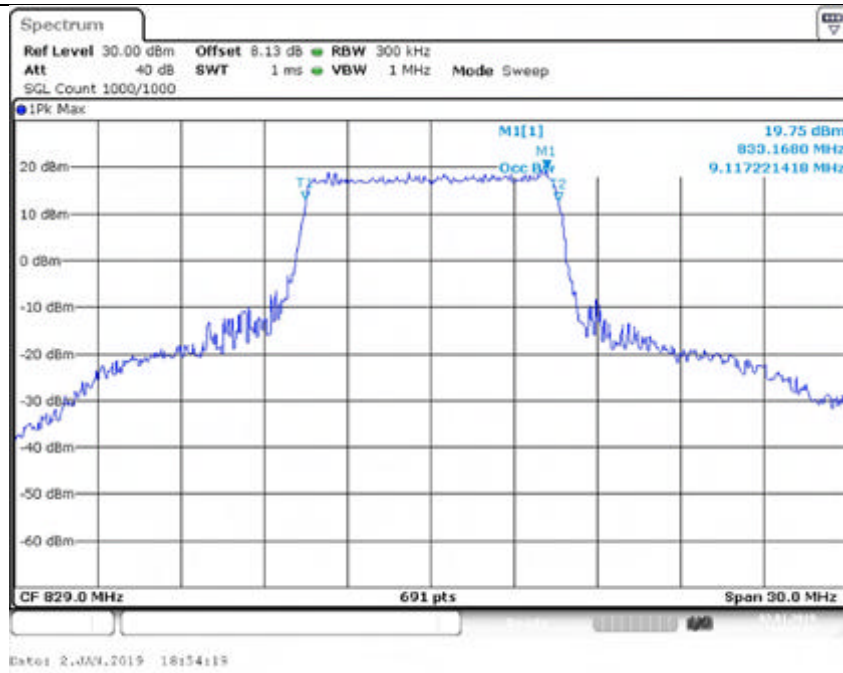


Fig.2

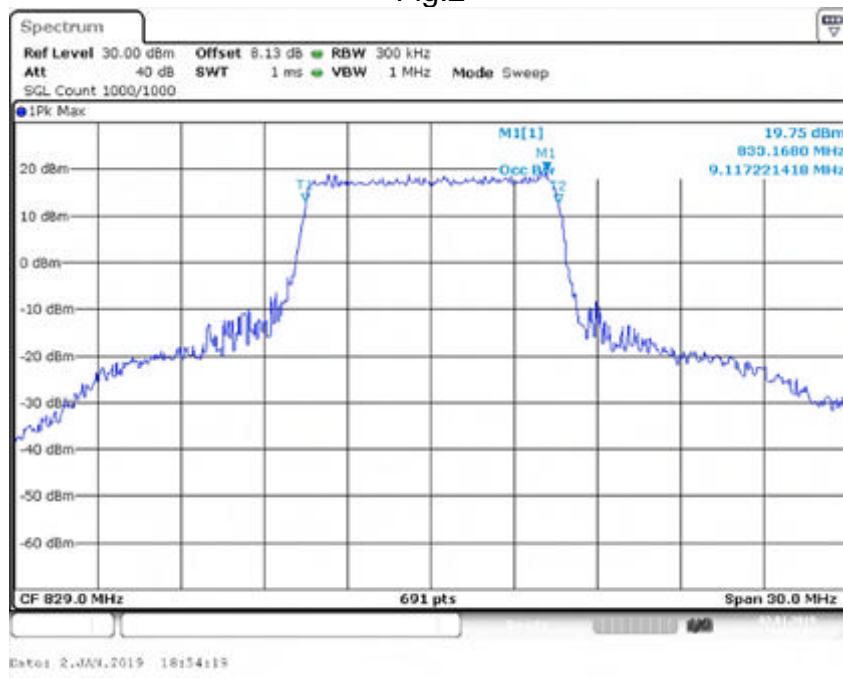


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 10 | 50 | 0 | 9.074 | Fig.1 | 9.117 | Fig.2 | 9.117 | Fig.3 |

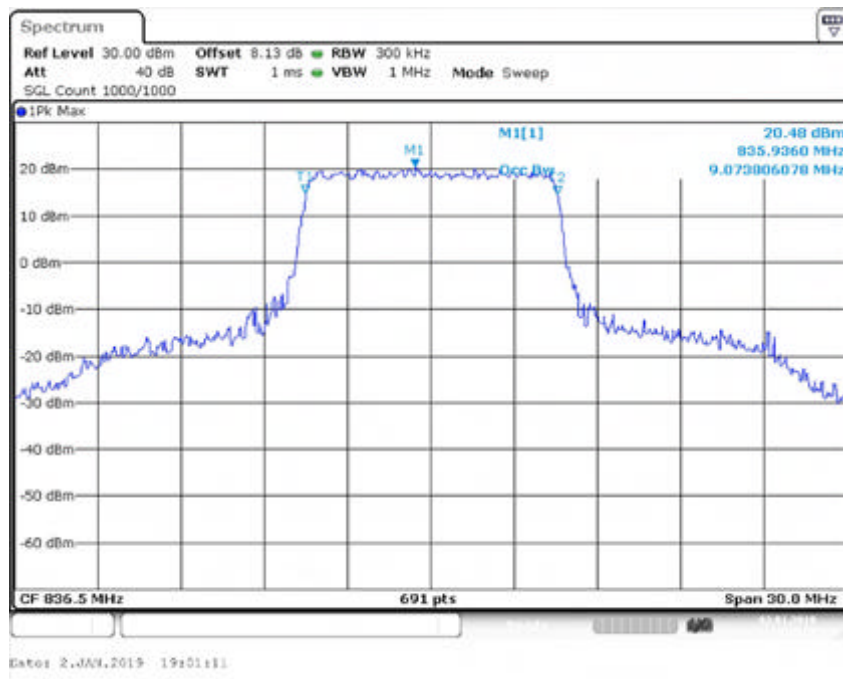


Fig.1

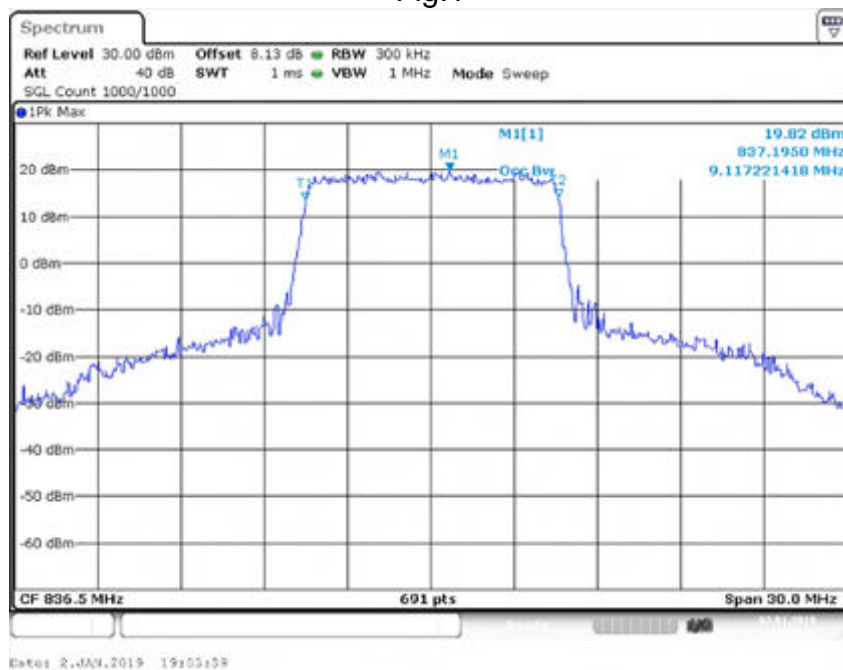


Fig.2

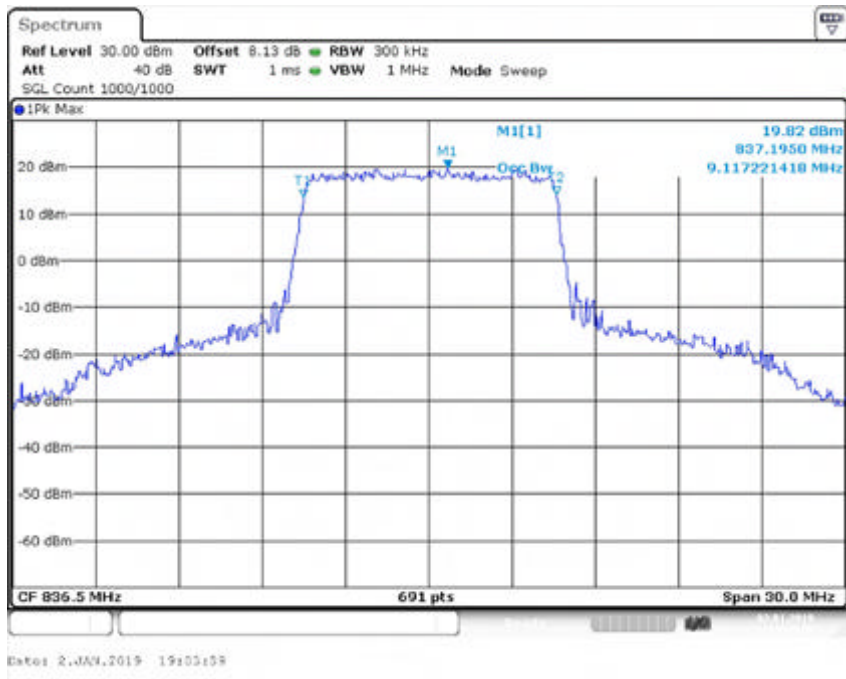


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 844 | 20600 | 10 | 50 | 0 | 9.074 | Fig.1 | 9.074 | Fig.2 | 9.074 | Fig.3 |

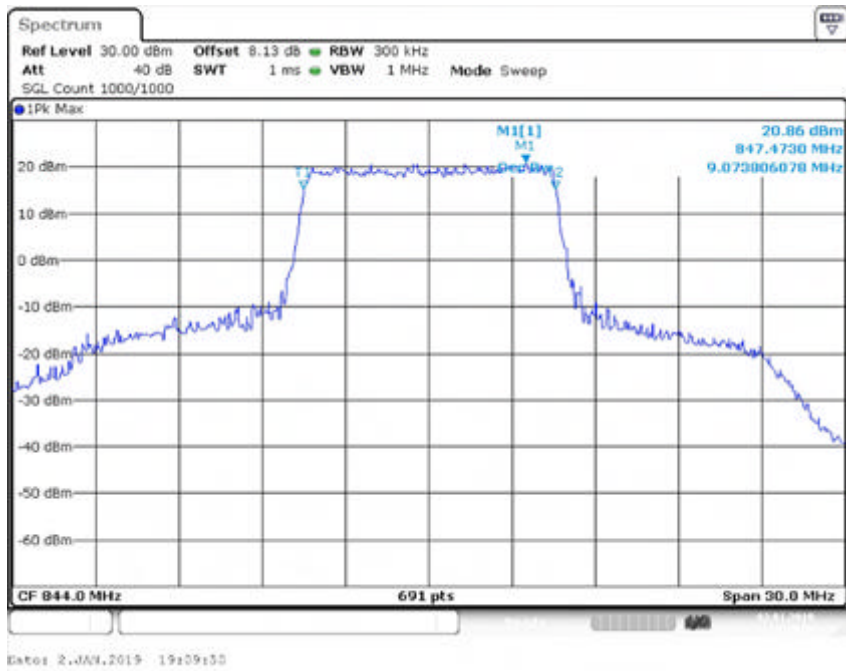


Fig.1

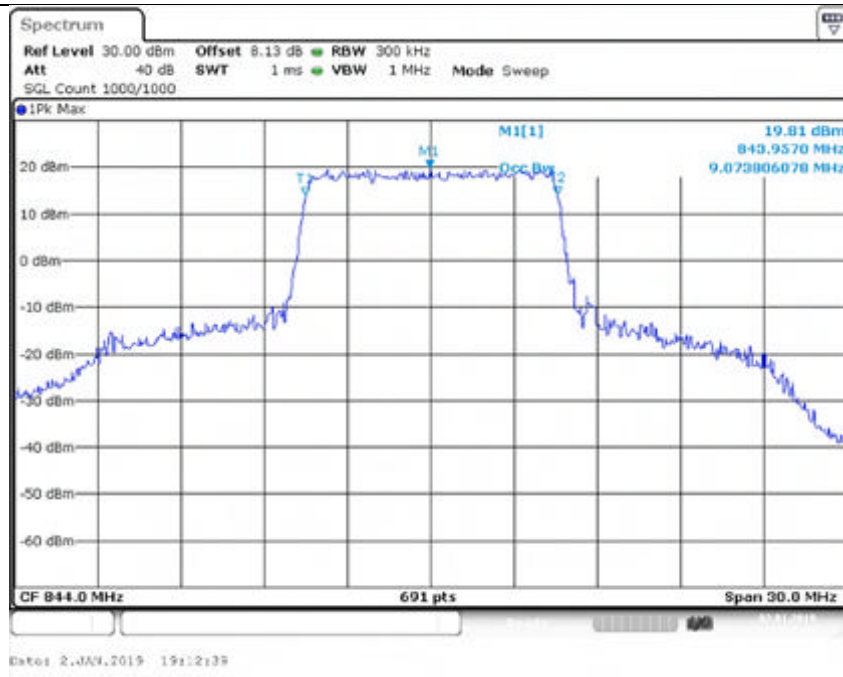


Fig.2

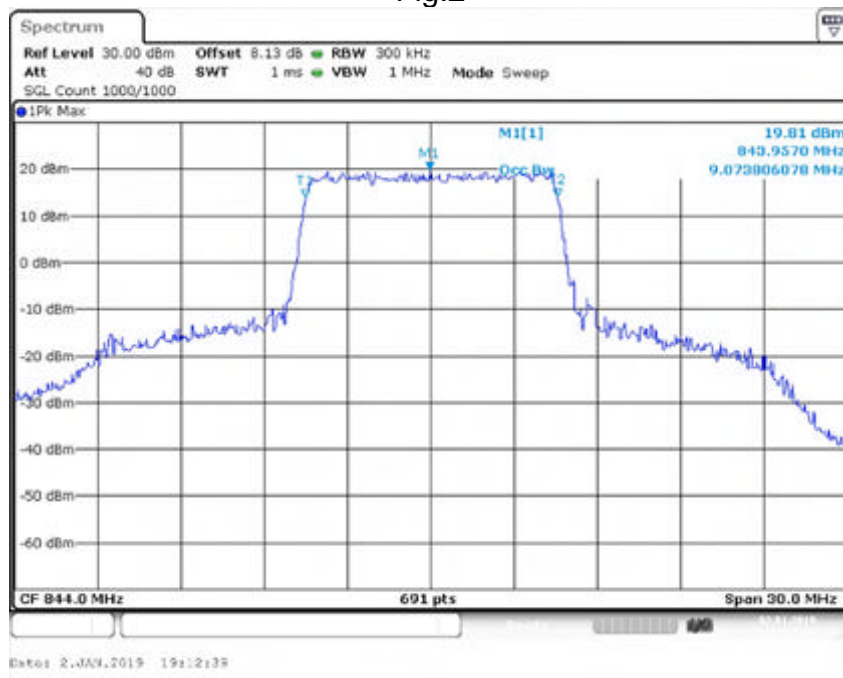


Fig.3

3 Emission Bandwidth

Test result

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|-----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 824.7 | 20407 | 1.4 | 6 | 0 | 1.2946 | Fig.1 | 1.3149 | Fig.2 | 1.3149 | Fig.3 |



Fig.1

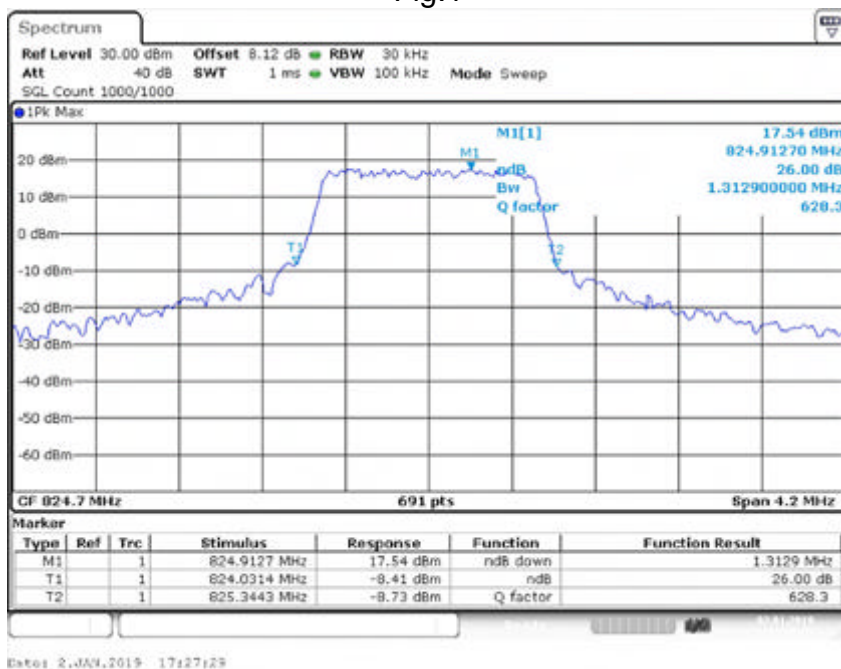


Fig.2

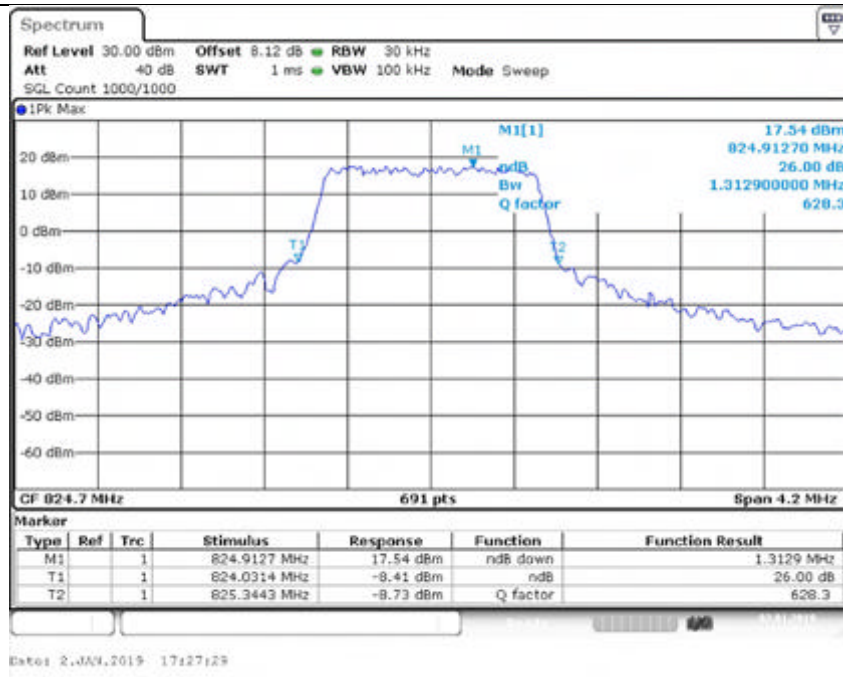


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|-----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 1.4 | 6 | 0 | 1.2886 | Fig.1 | 1.3858 | Fig.2 | 1.3858 | Fig.3 |

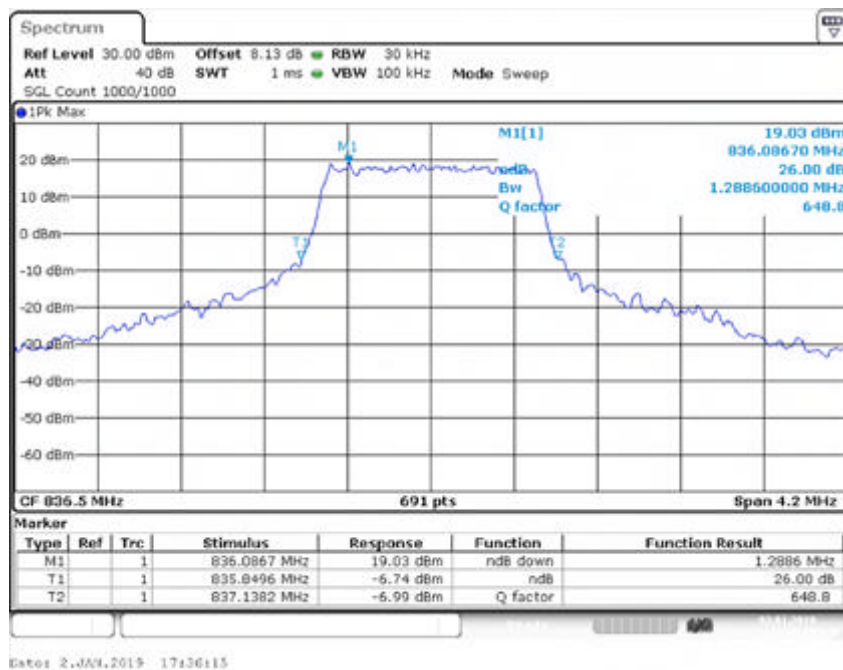


Fig.1

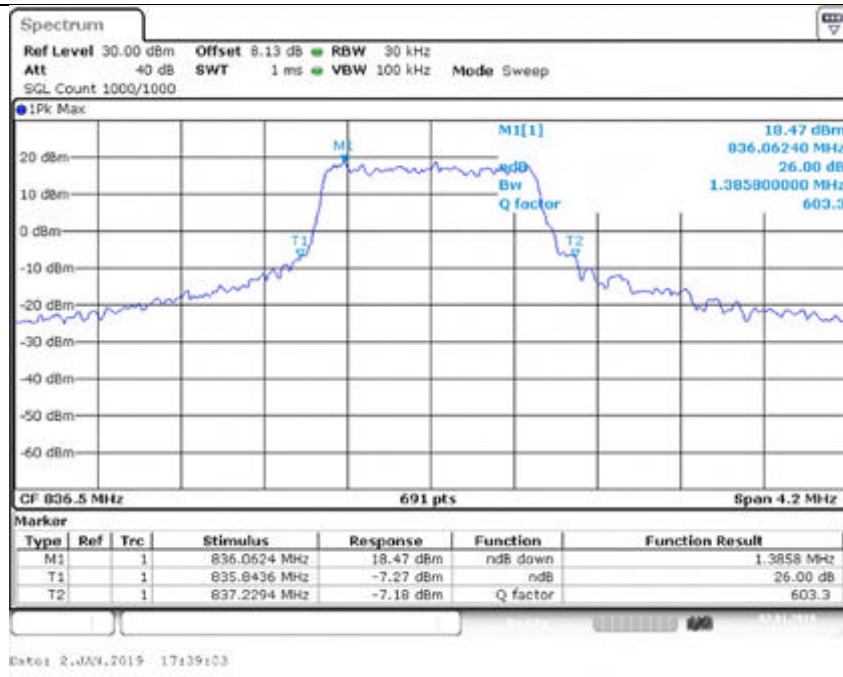


Fig.2



Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|---------------|-----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 848.3 | 20643 | 1.4 | 6 | 0 | 1.3068 | Fig.1 | 1.3493 | Fig.2 | 1.3493 | Fig.3 |

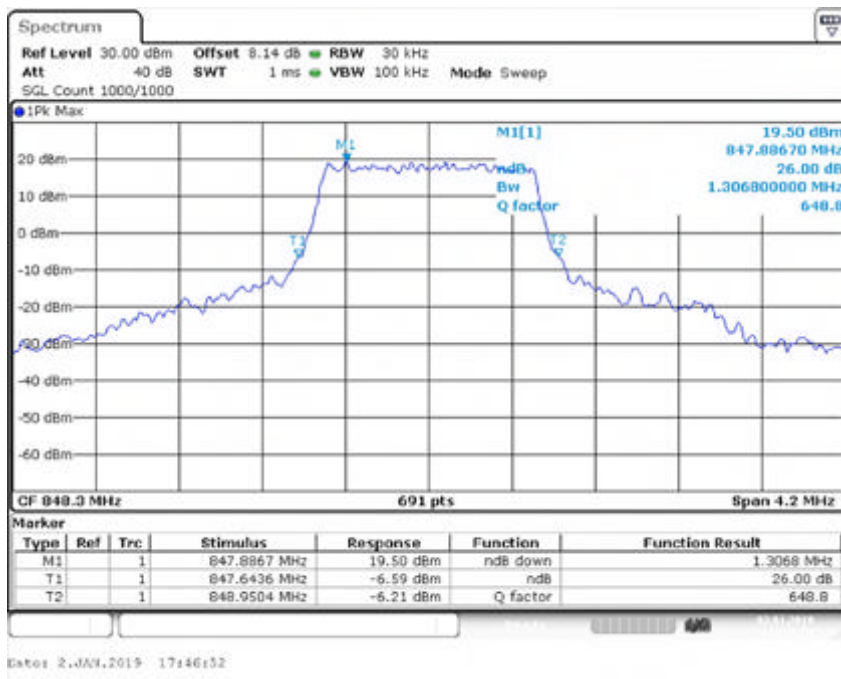


Fig.1

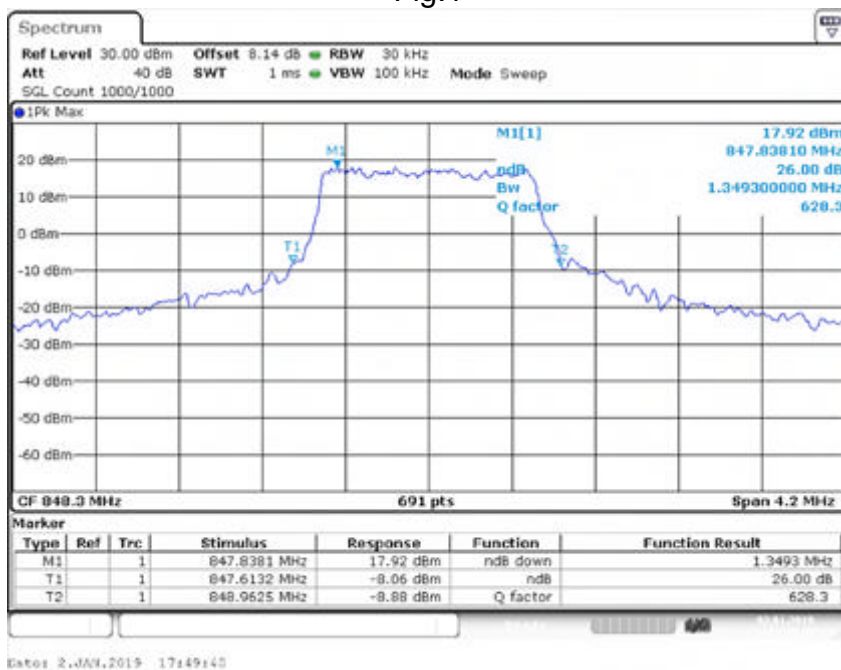


Fig.2

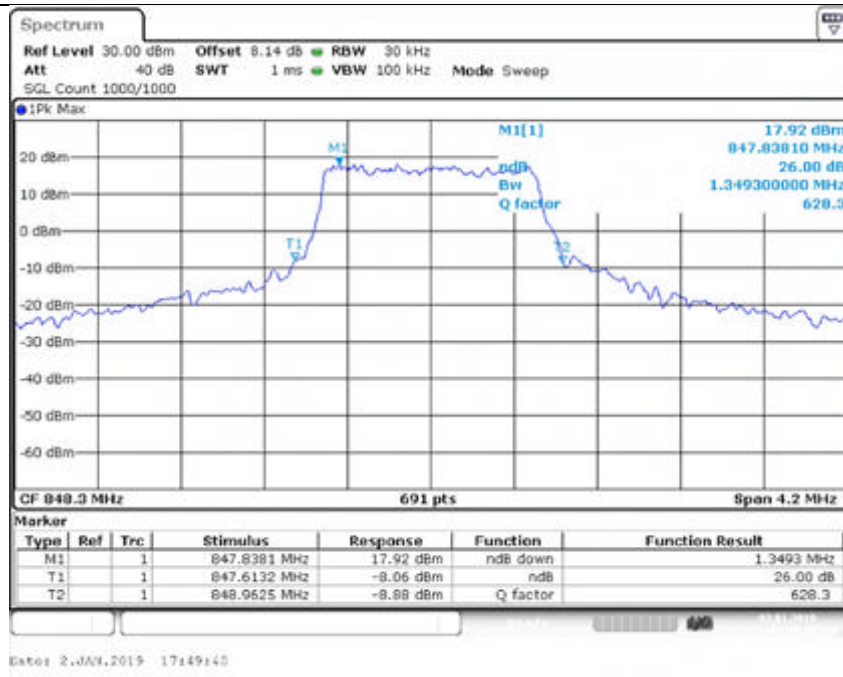


Fig.3

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 825.5 | 20415 | 3 | 15 | 0 | 3.230 | Fig.1 | 3.193 | Fig.2 | 3.193 | Fig.3 |

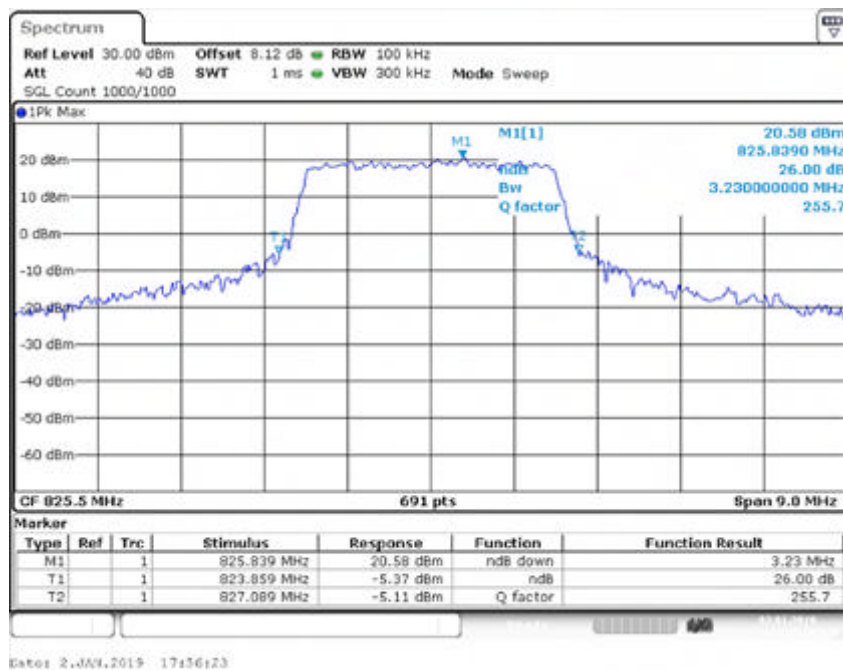


Fig.1

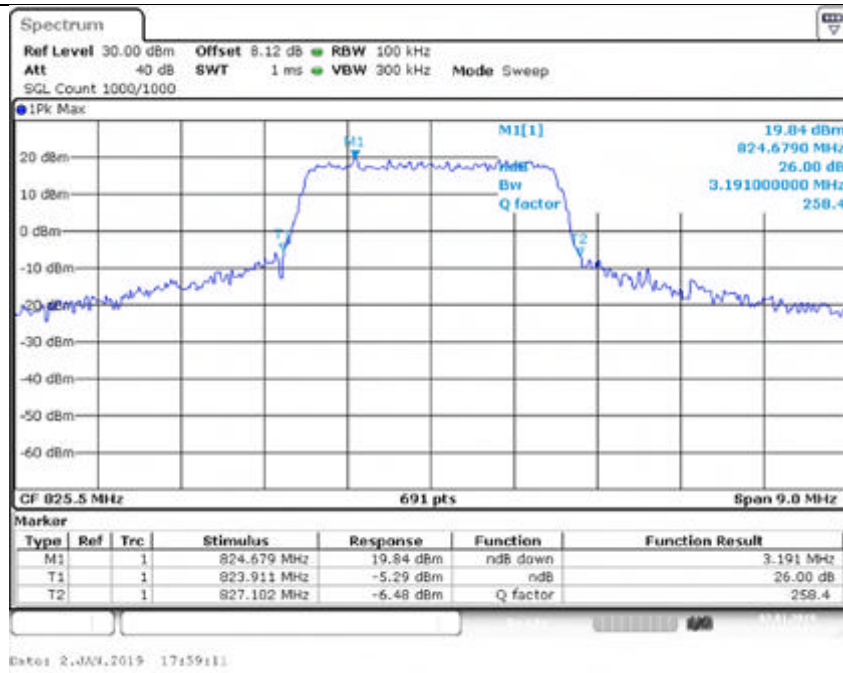


Fig.2

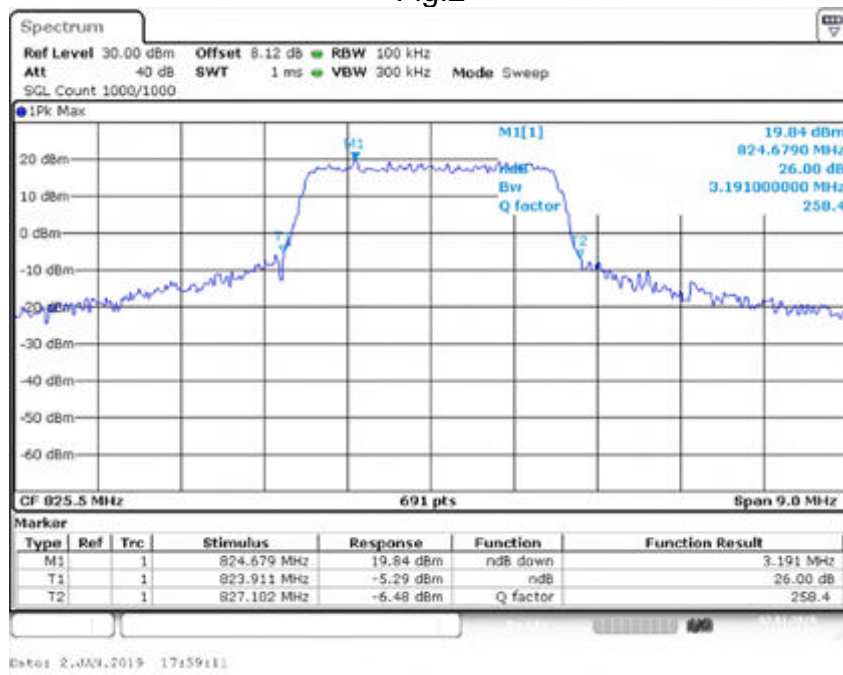


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 3 | 15 | 0 | 3.243 | Fig.1 | 3.347 | Fig.2 | 3.347 | Fig.3 |

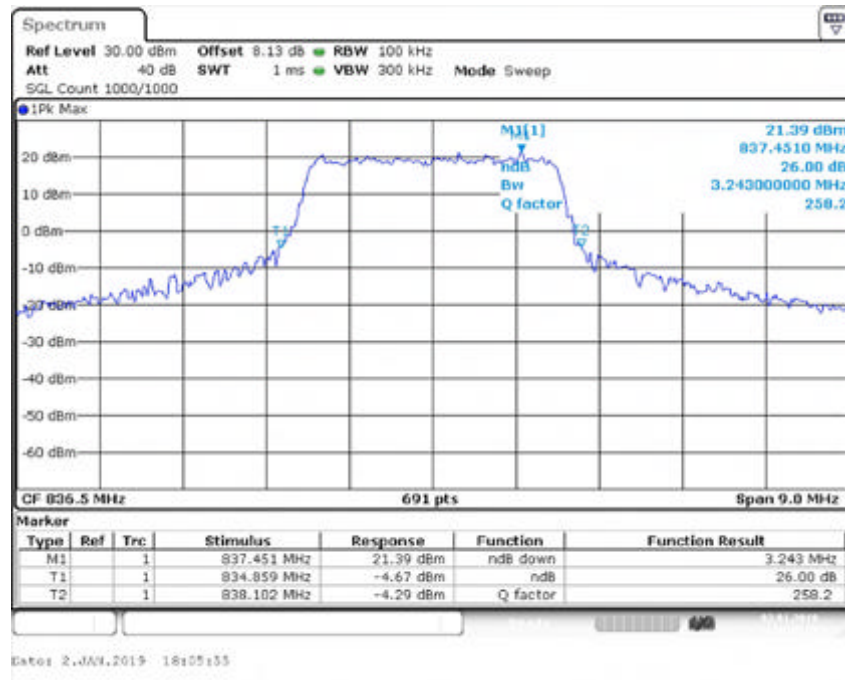


Fig.1

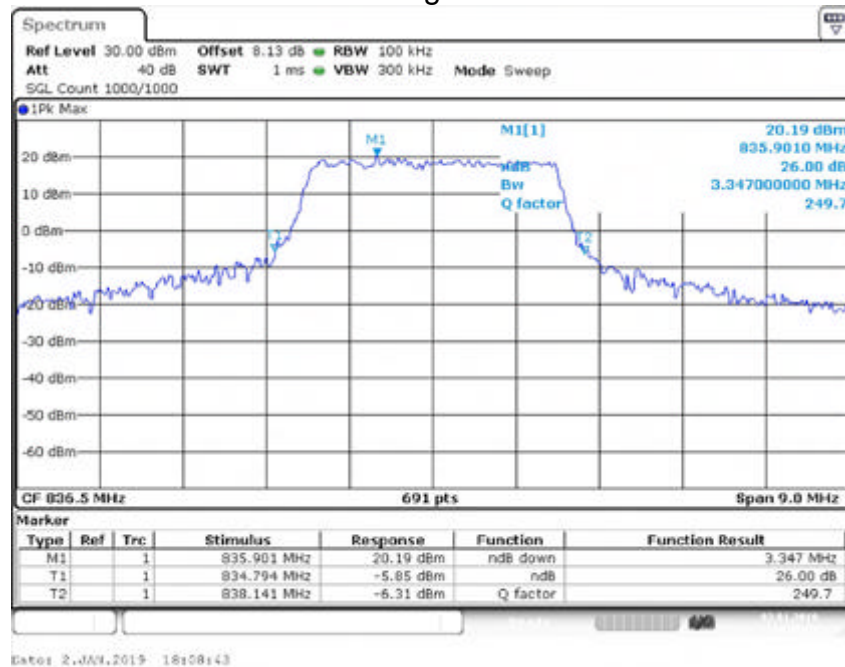


Fig.2

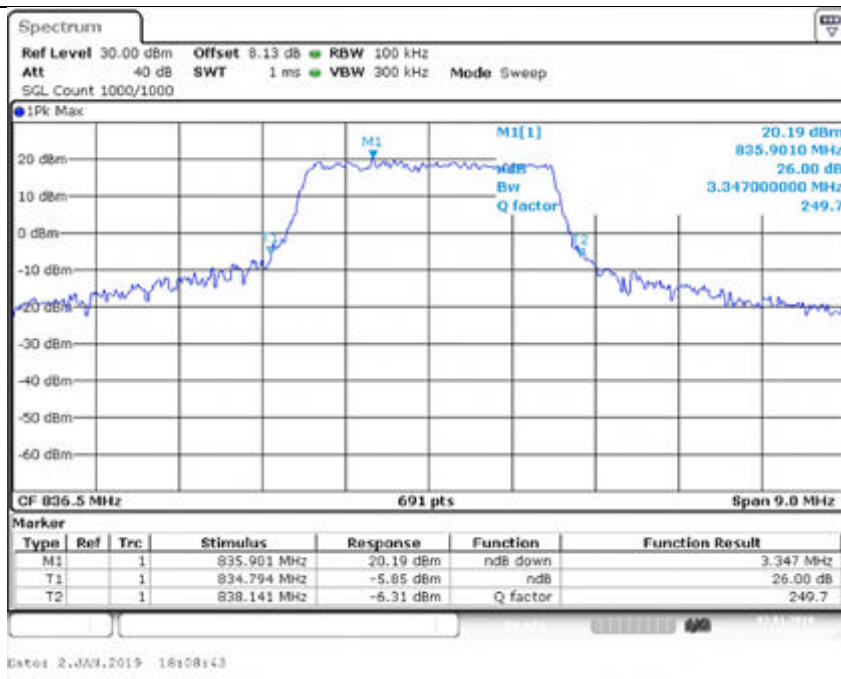


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 847.5 | 20635 | 3 | 15 | 0 | 3.204 | Fig.1 | 3.269 | Fig.2 | 3.269 | Fig.3 |

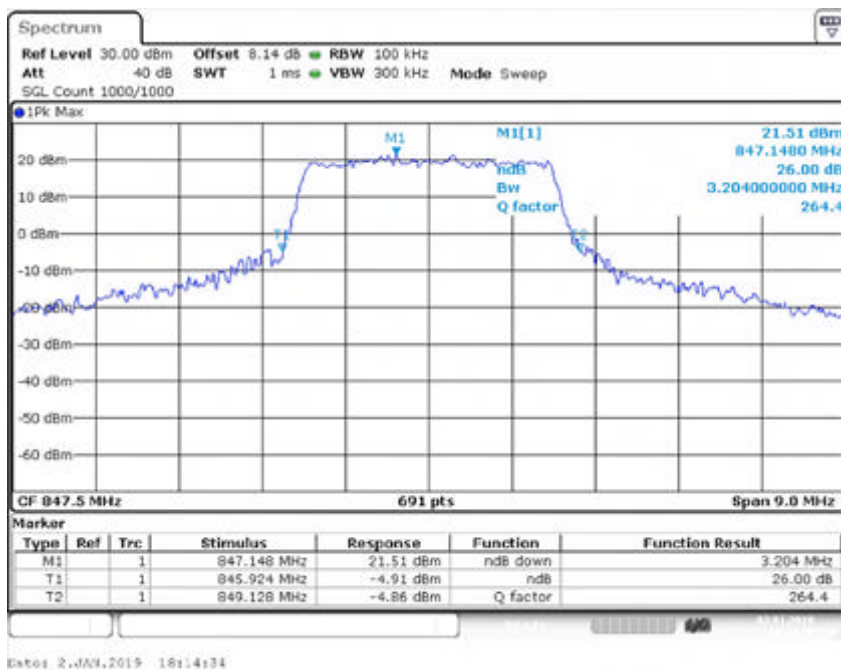


Fig.1

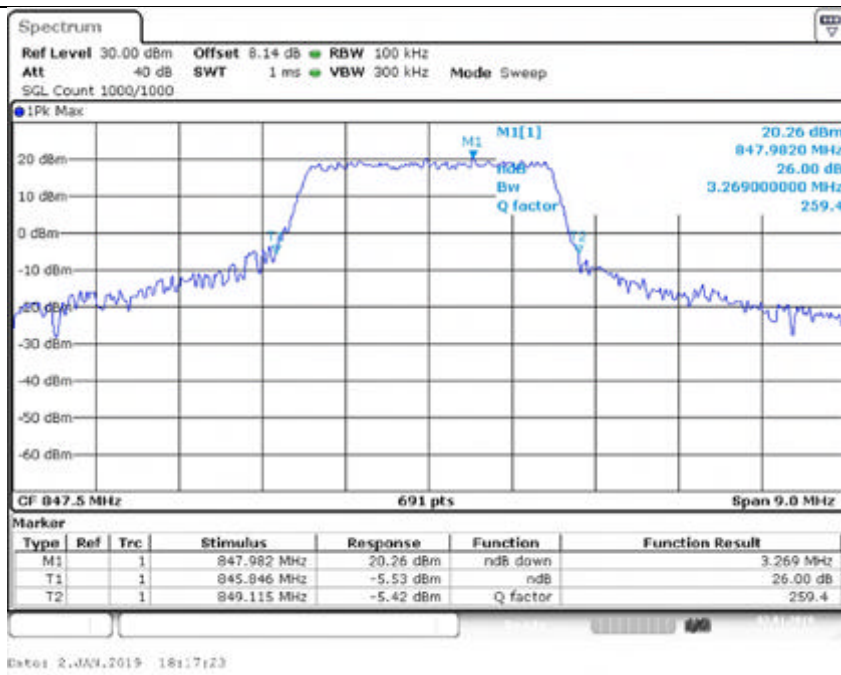


Fig.2

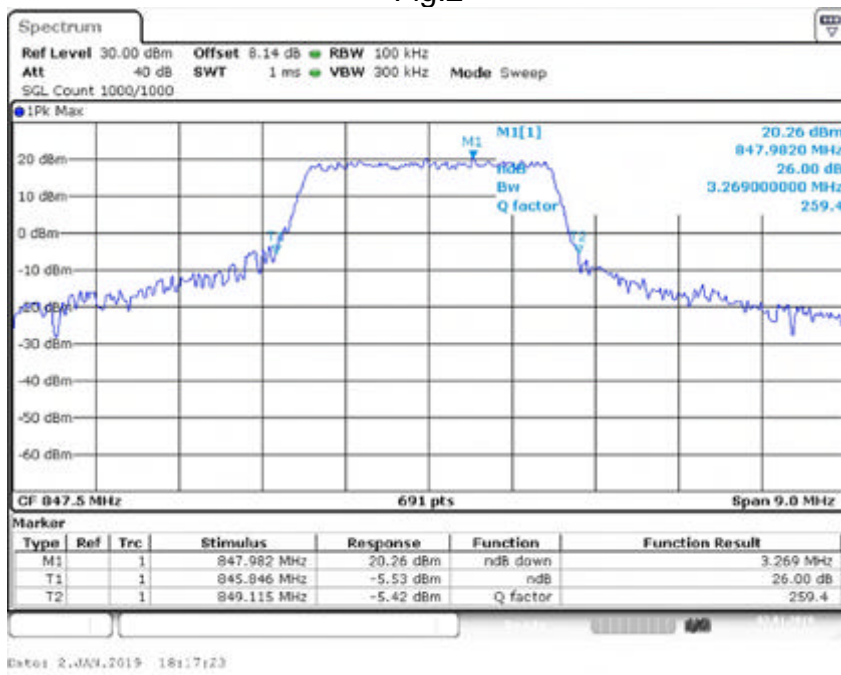


Fig.3

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 826.5 | 20425 | 5 | 25 | 0 | 5.232 | Fig.1 | 5.166 | Fig.2 | 5.166 | Fig.3 |

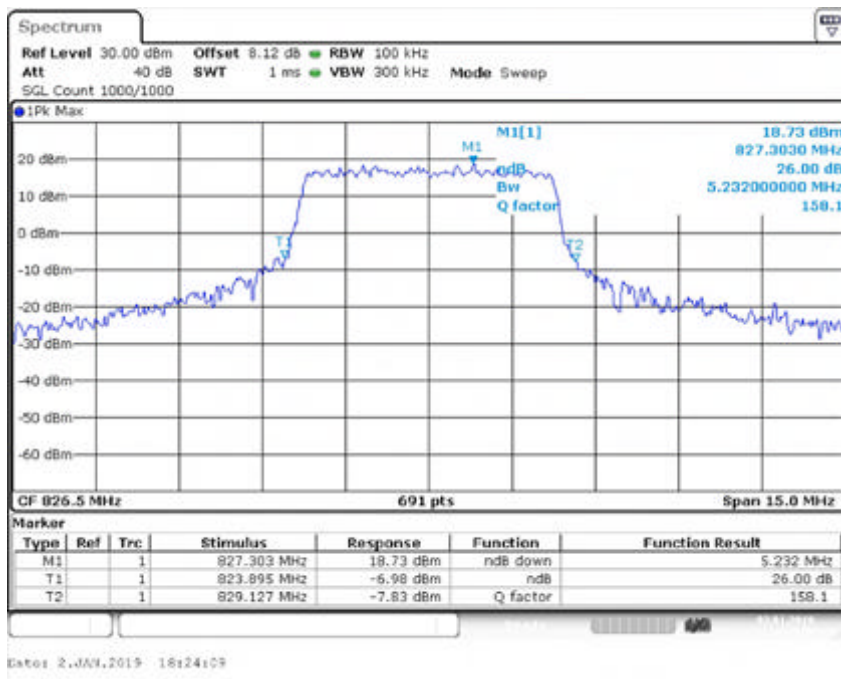


Fig.1

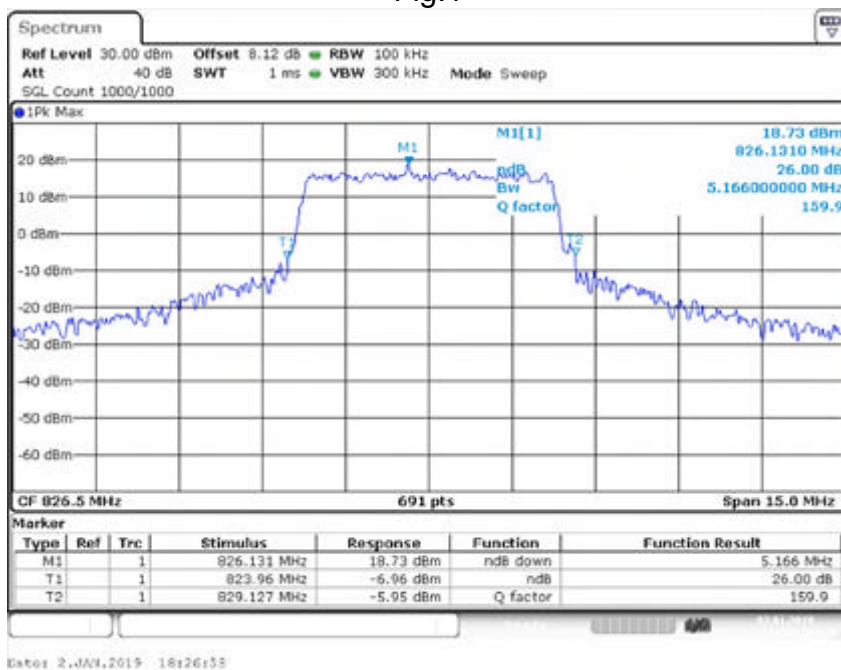


Fig.2

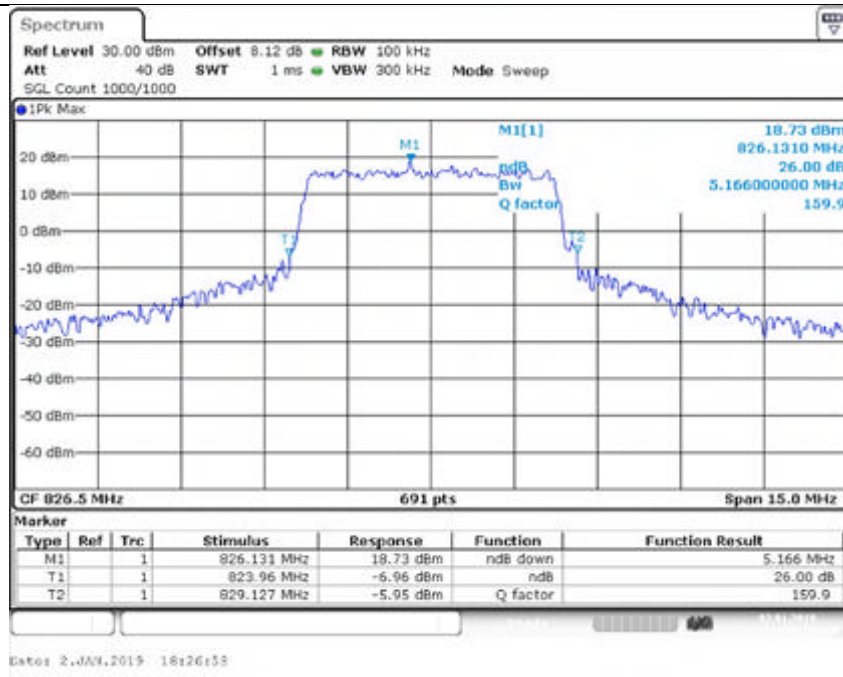


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 5 | 25 | 0 | 5.145 | Fig.1 | 5.318 | Fig.2 | 5.318 | Fig.3 |

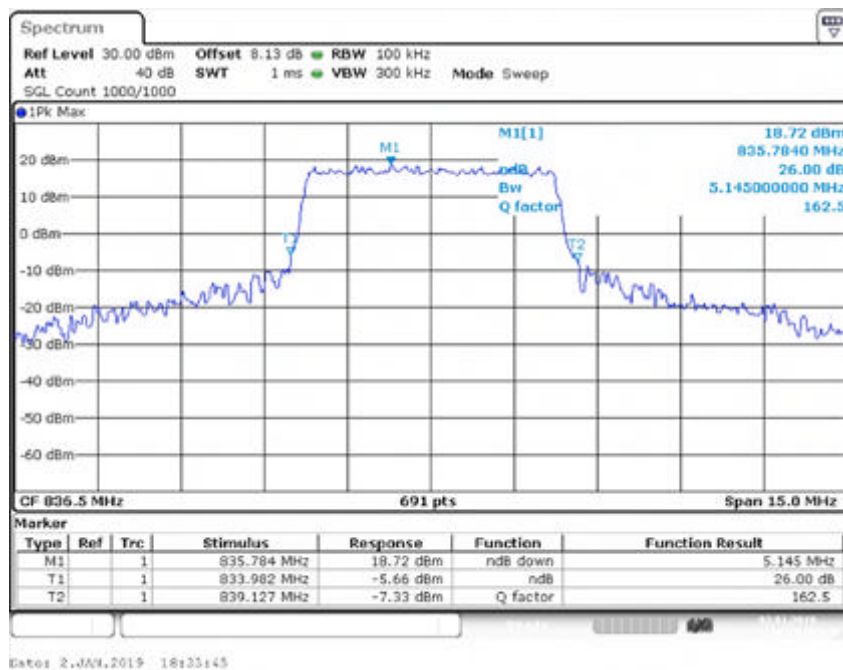


Fig.1

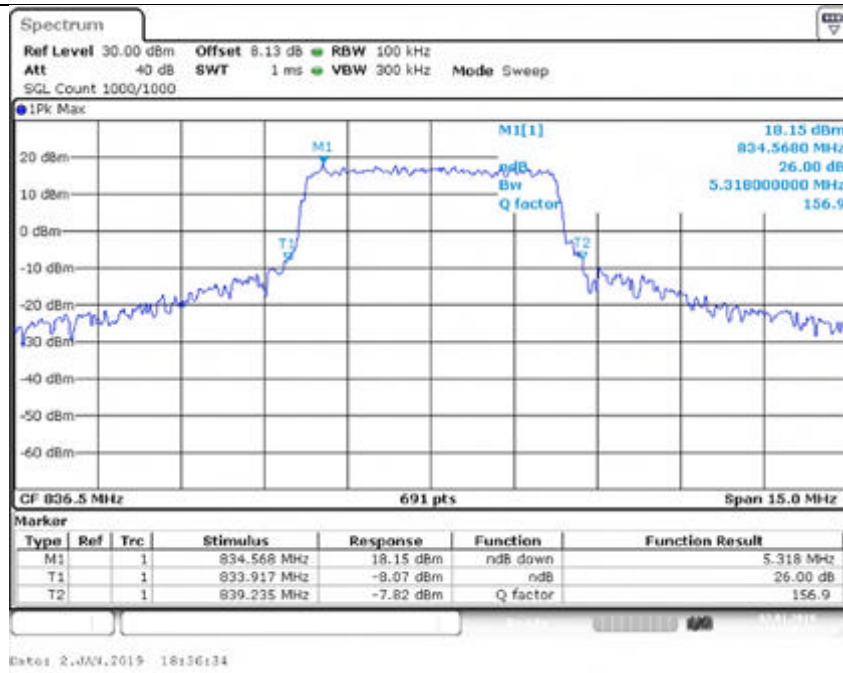


Fig.2

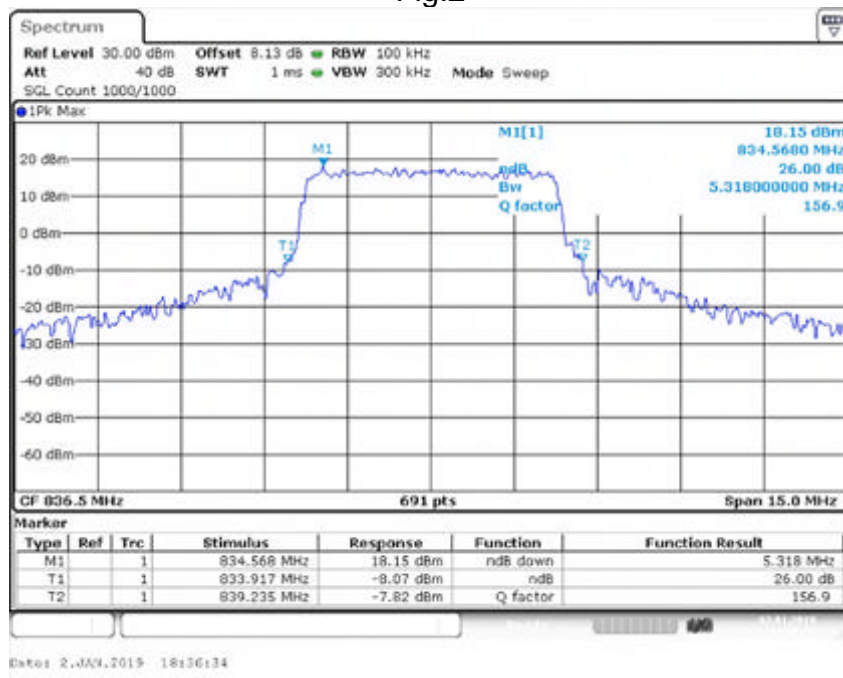


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 846.5 | 20625 | 5 | 25 | 0 | 5.384 | Fig.1 | 5.123 | Fig.2 | 5.123 | Fig.3 |

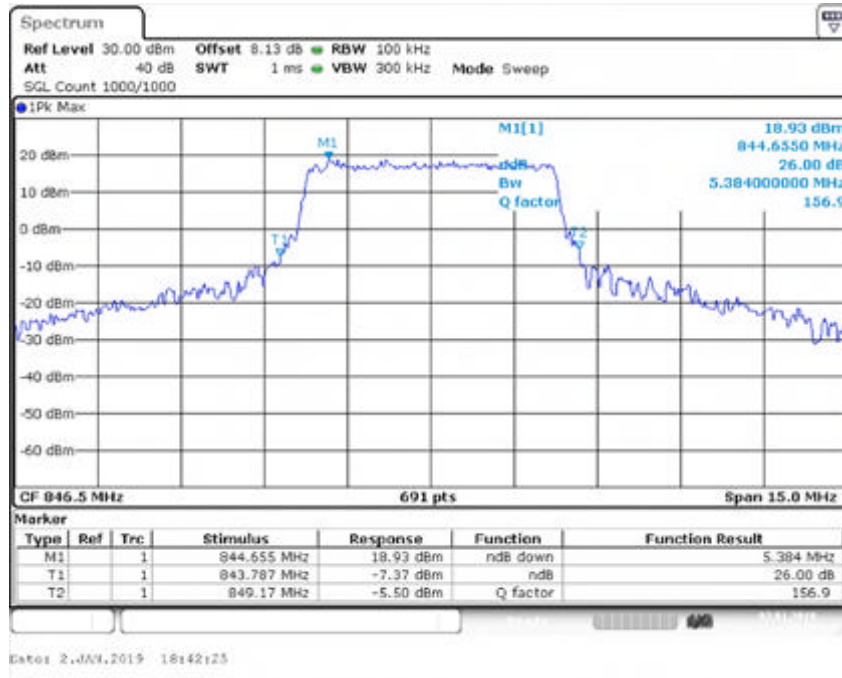


Fig.1

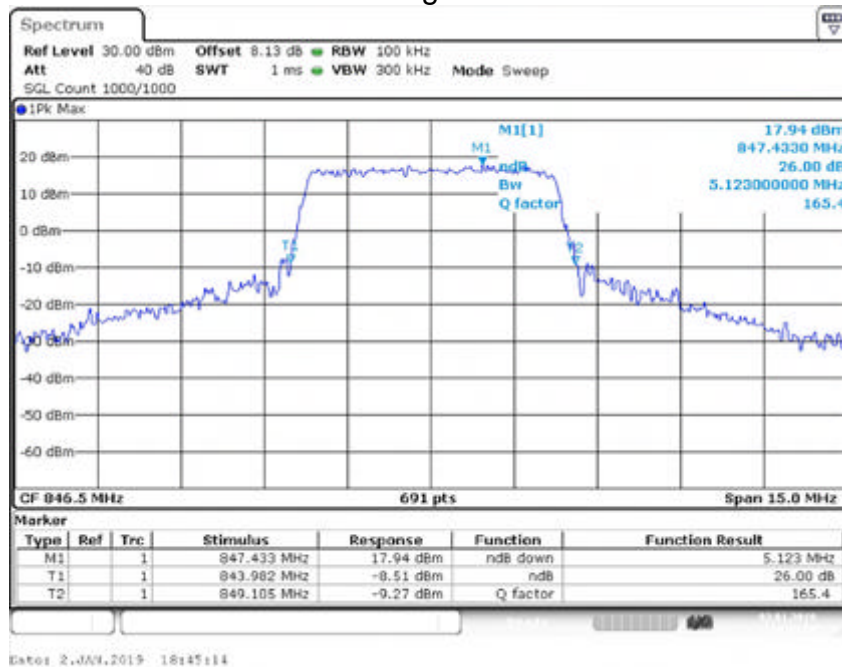


Fig.2

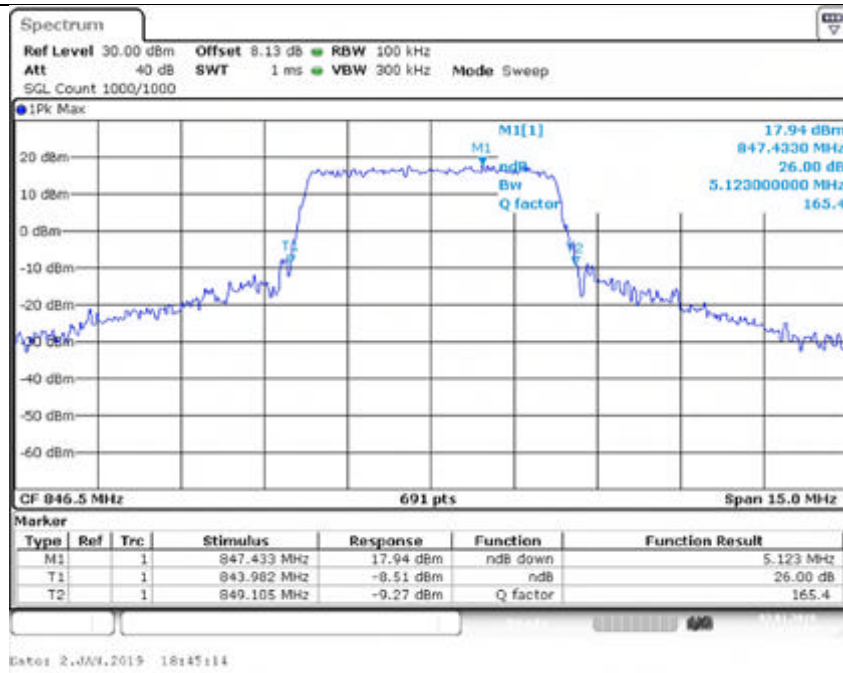


Fig.3

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 829 | 20450 | 10 | 50 | 0 | 10.203 | Fig.1 | 10.289 | Fig.2 | 10.289 | Fig.3 |

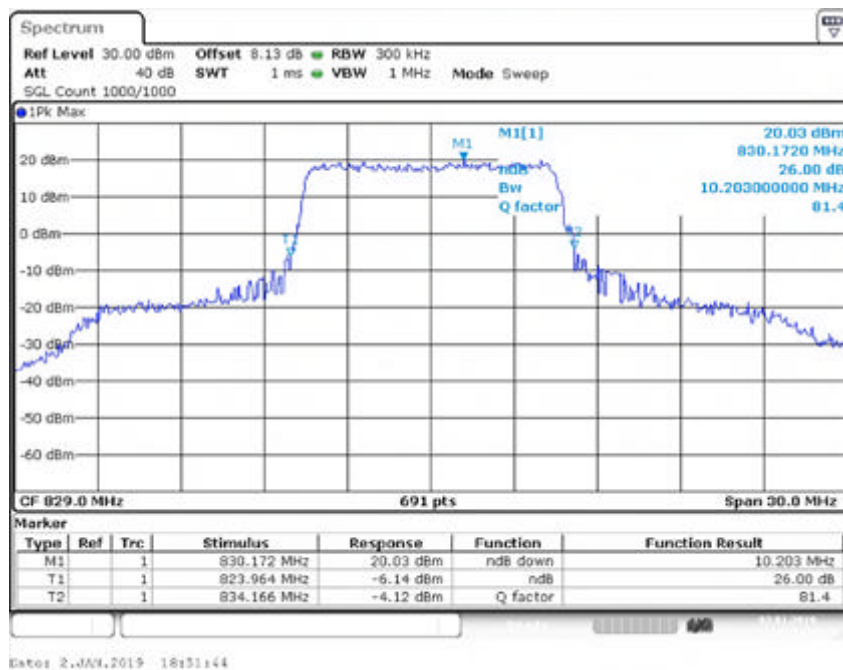


Fig.1

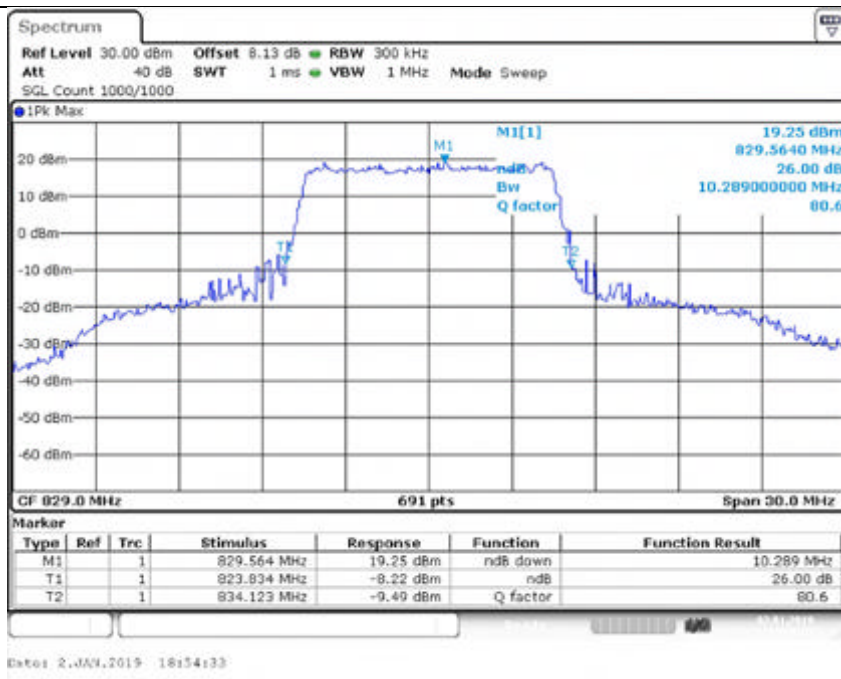


Fig.2

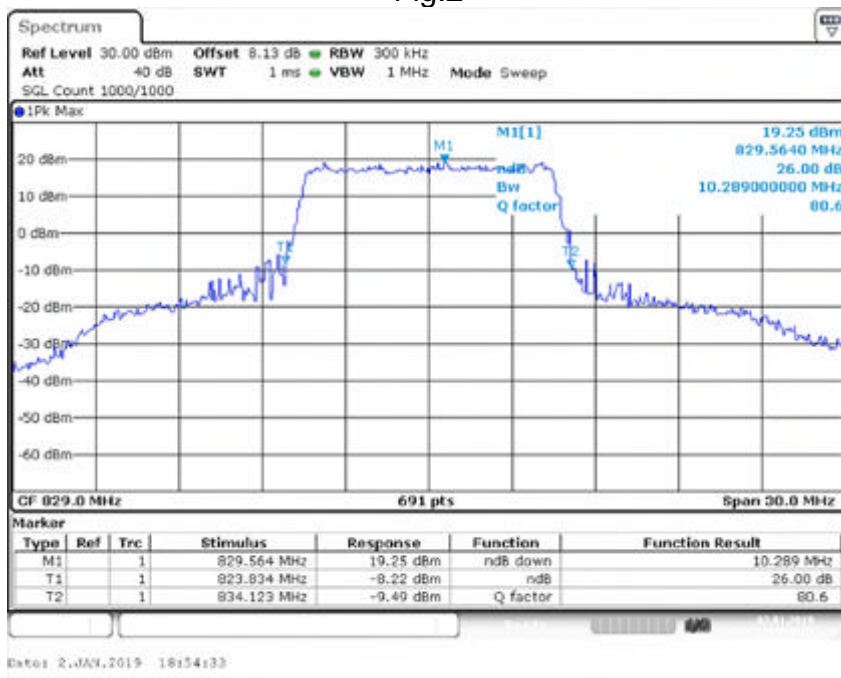


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 836.5 | 20525 | 10 | 50 | 0 | 10.376 | Fig.1 | 10.116 | Fig.2 | 10.116 | Fig.3 |

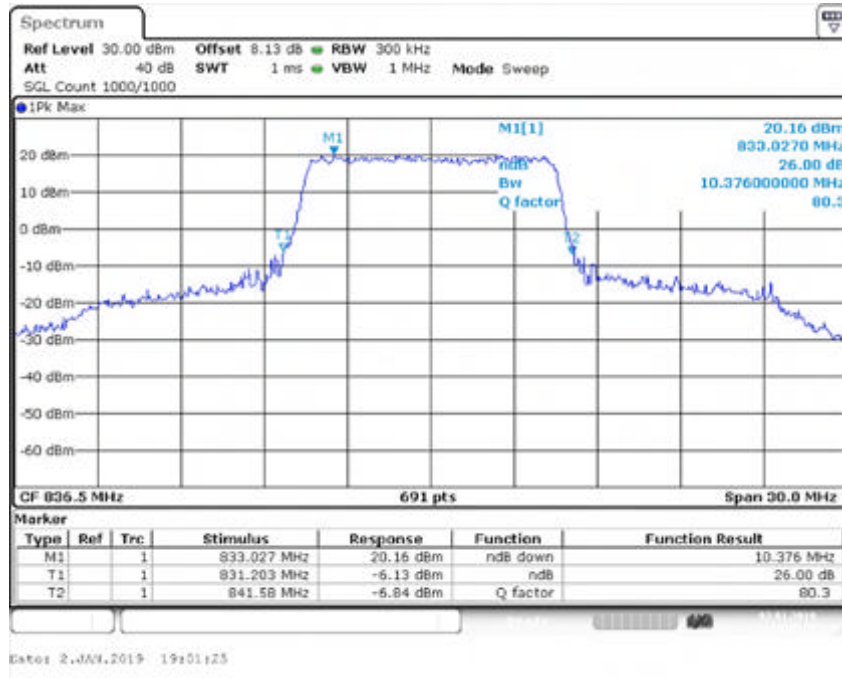


Fig.1

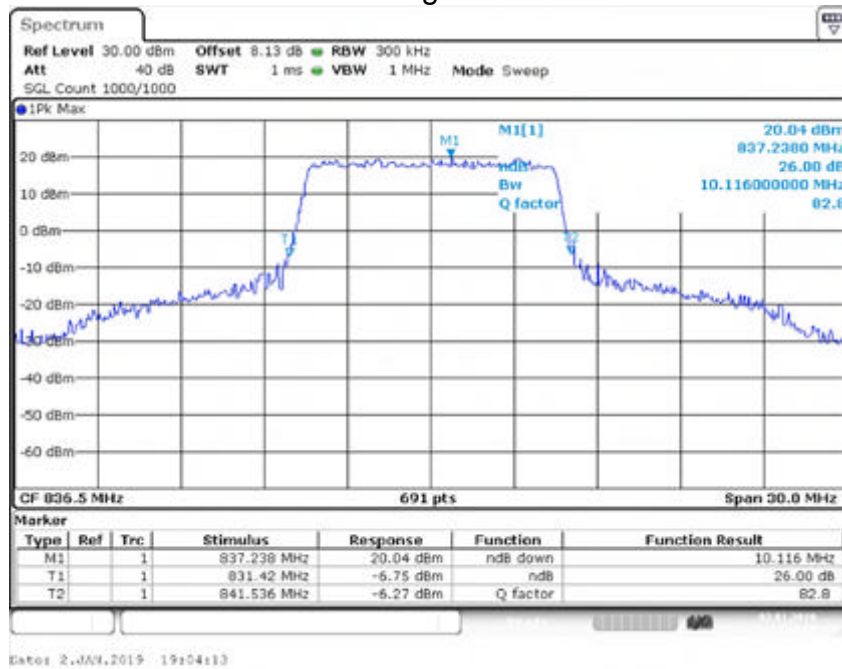


Fig.2

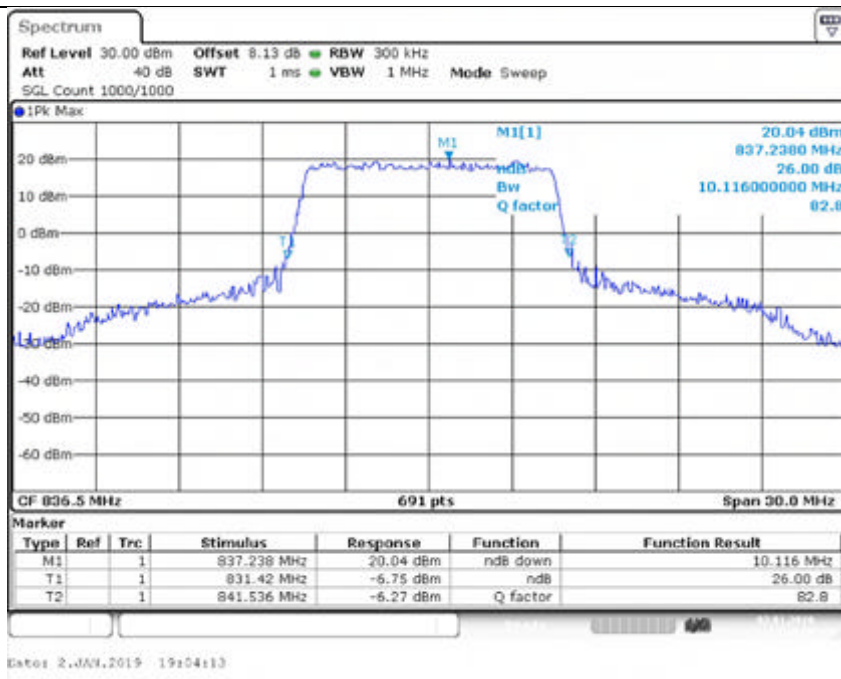


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|--|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 5 | 844 | 20600 | 10 | 50 | 0 | 10.159 | Fig.1 | 10.072 | Fig.2 | 10.072 | Fig.3 |

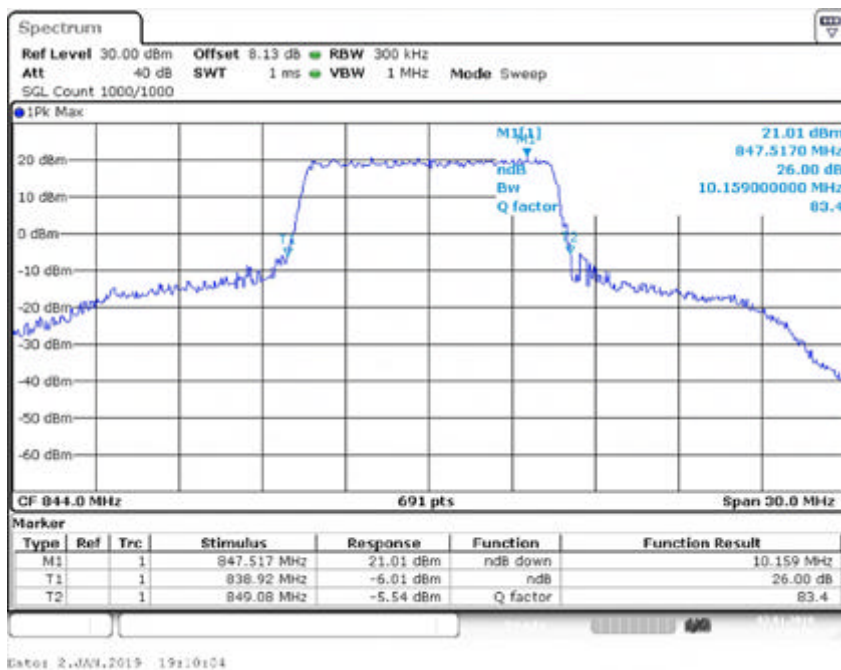


Fig.1

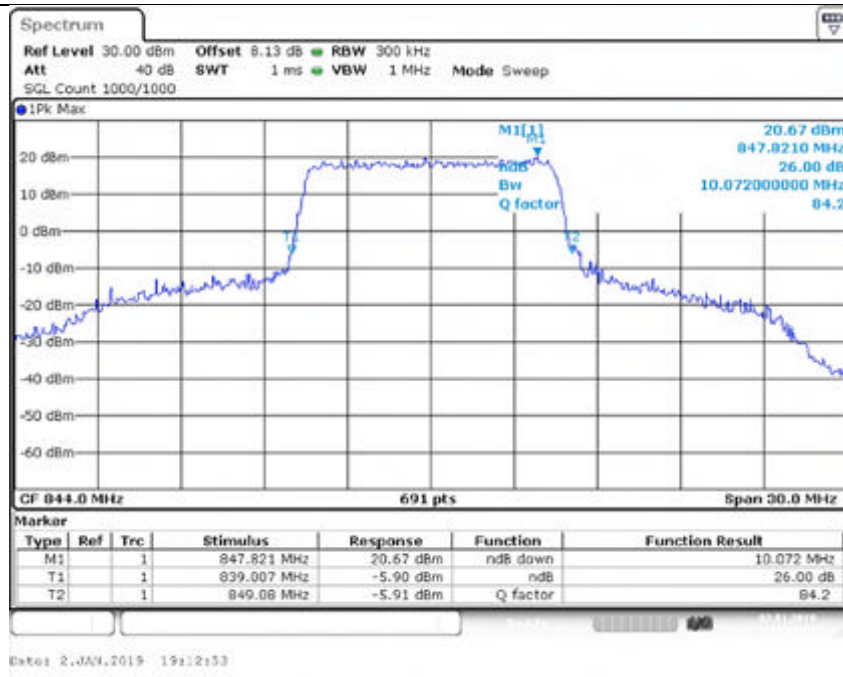


Fig.2

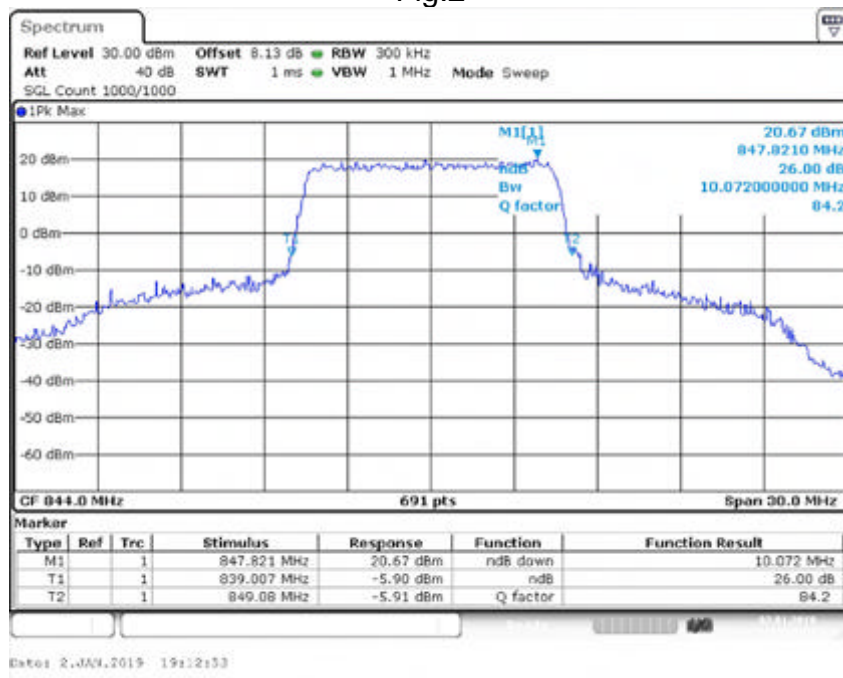
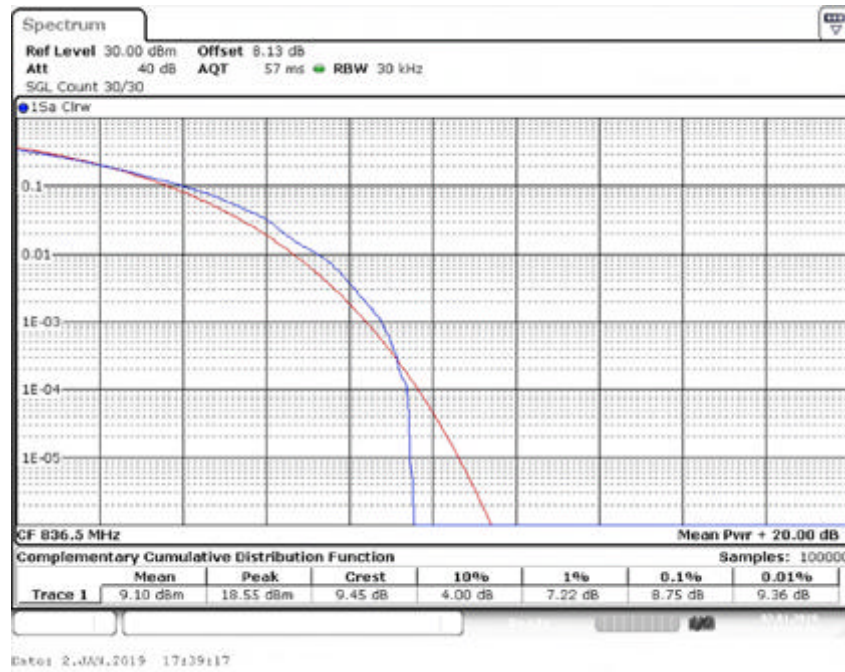


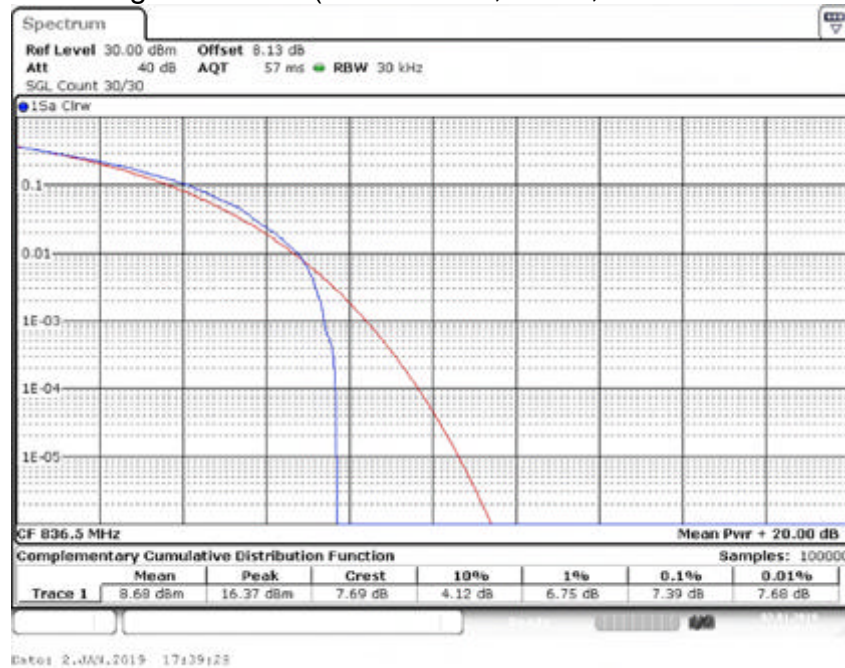
Fig.3

4 Peak-Average Ratio

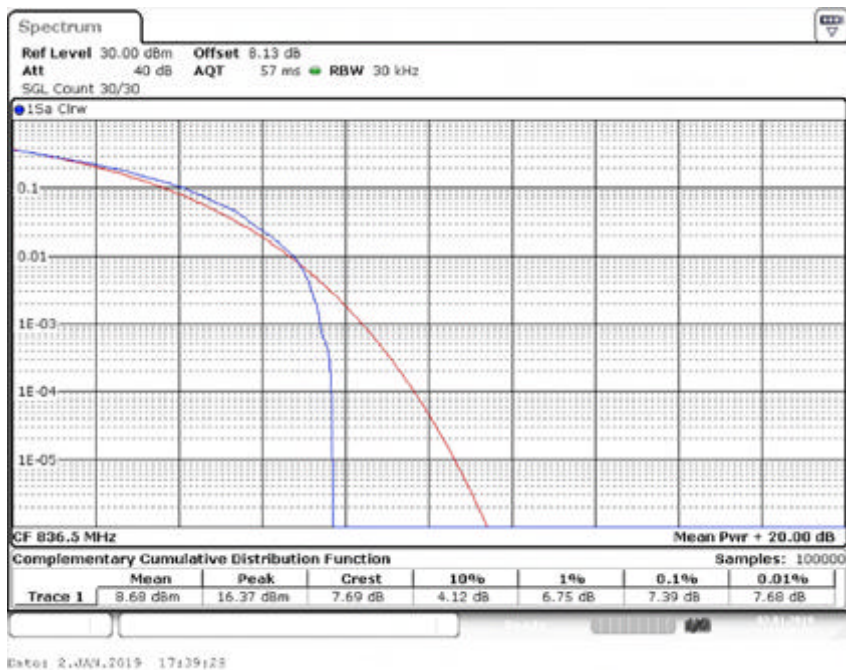
Test result:



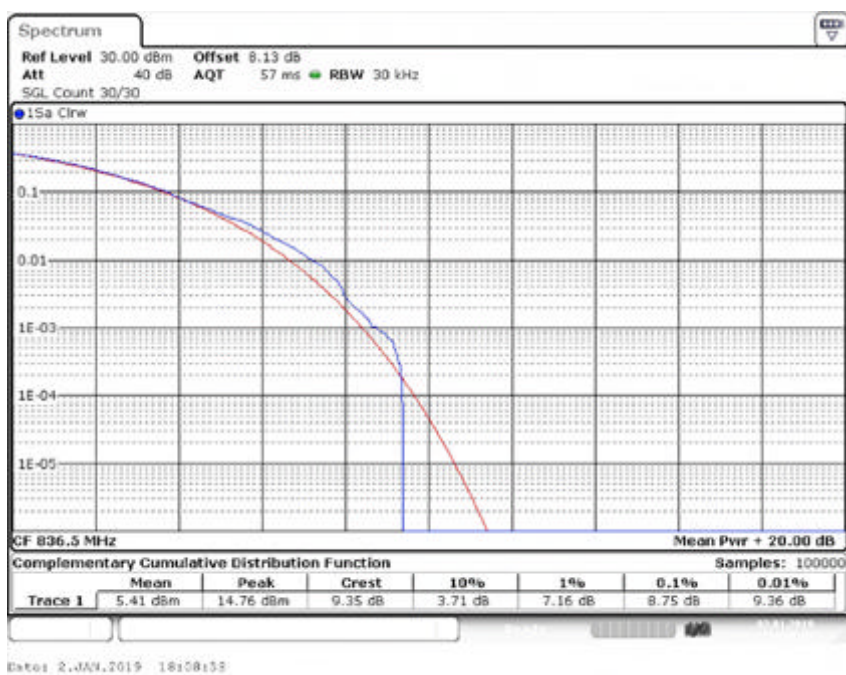
Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 5-mid Channel)



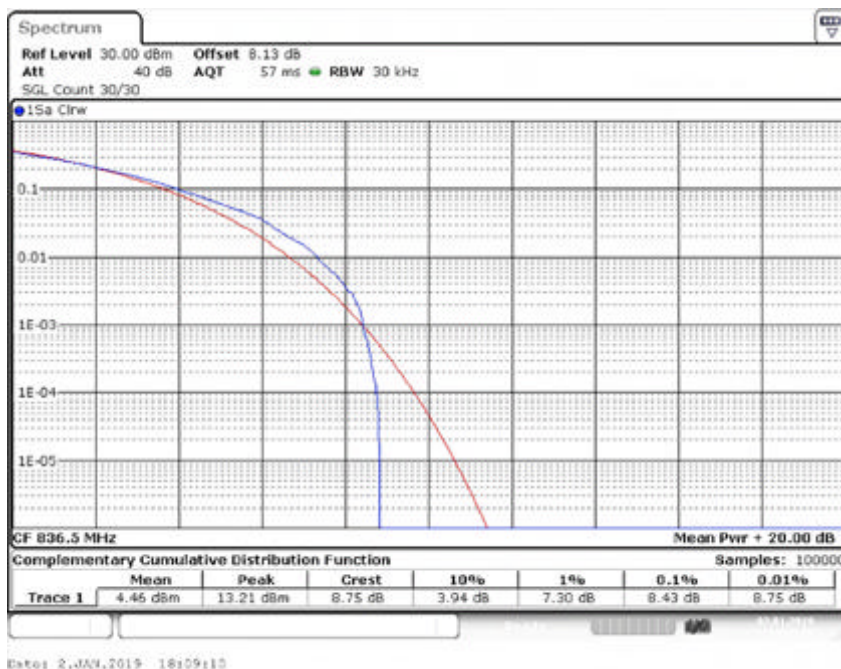
Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 5-mid Channel)



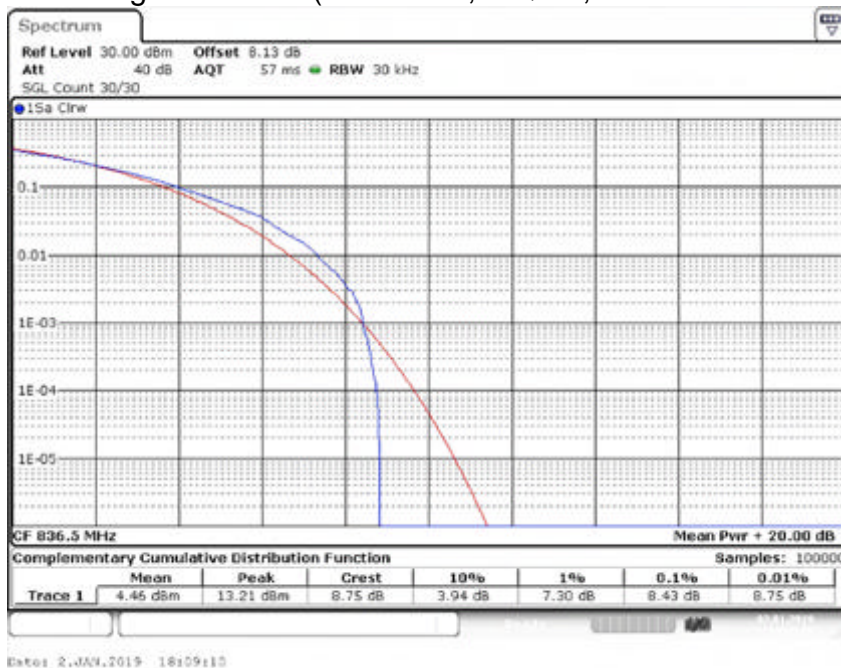
Peak-Average Ratio Plot(1.4MHz BW,64QAM,Band 5-mid Channel)



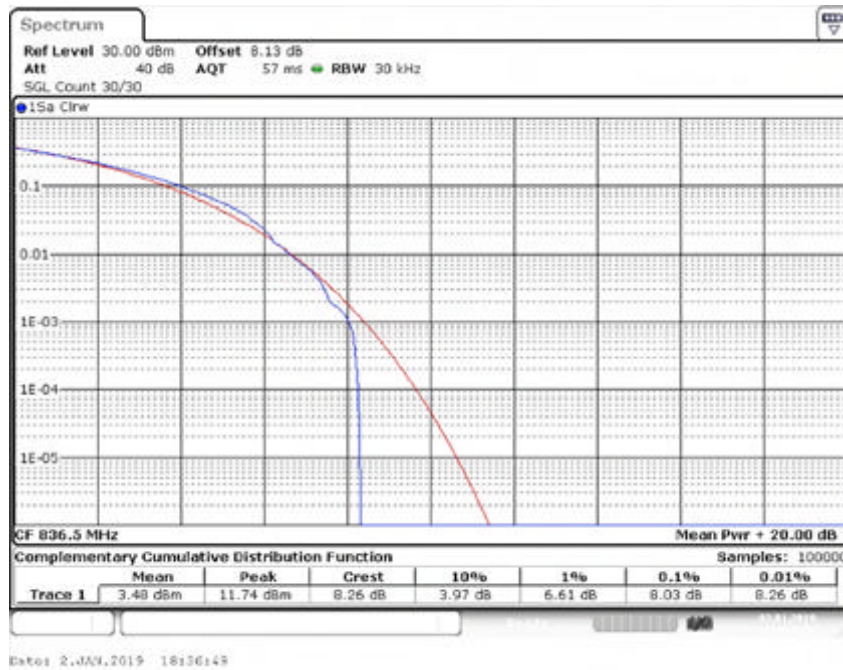
Peak-Average Ratio Plot(3MHz BW,QPSK,Band 5-mid Channel)



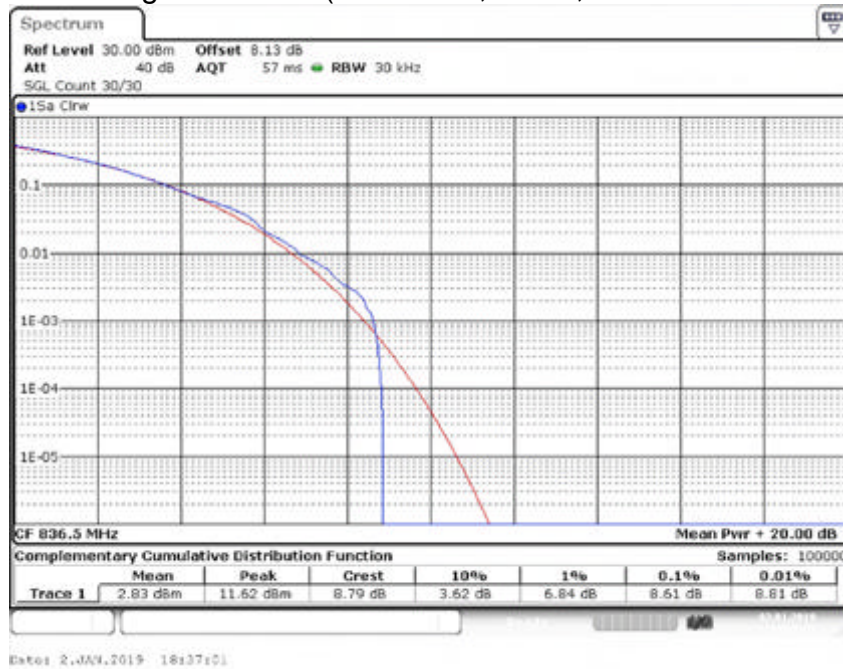
Peak-Average Ratio Plot(3MHz BW,16QAM,Band 5-mid Channel)



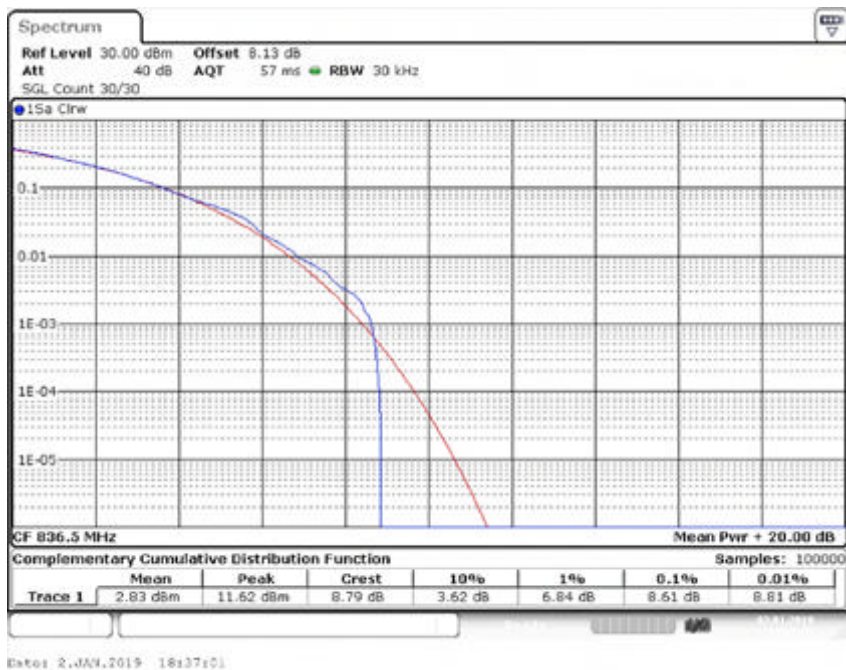
Peak-Average Ratio Plot(3MHz BW,64QAM,Band 5-mid Channel)



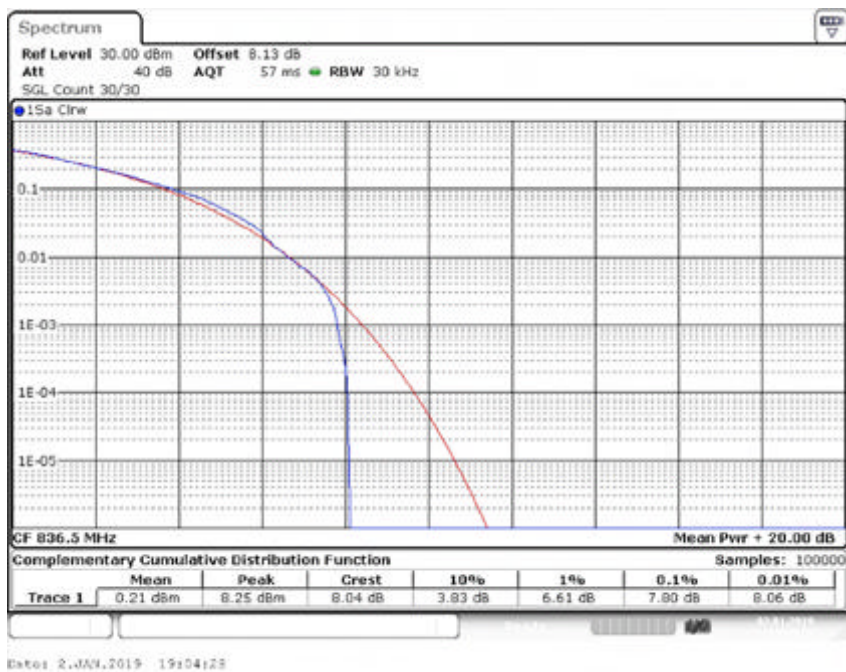
Peak-Average Ratio Plot(5MHz BW,QPSK,Band 5-mid Channel)



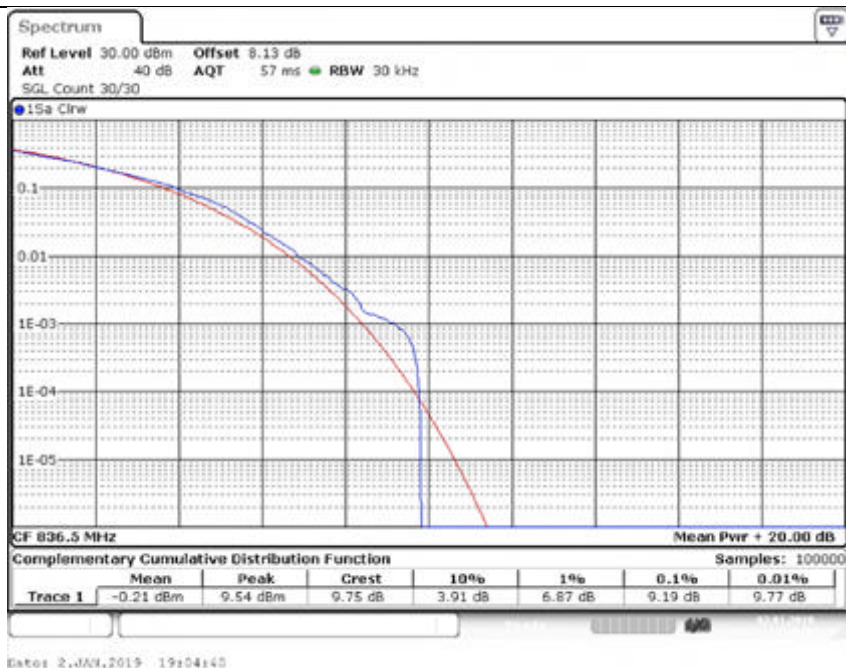
Peak-Average Ratio Plot(5MHz BW,16QAM,Band 5-mid Channel)



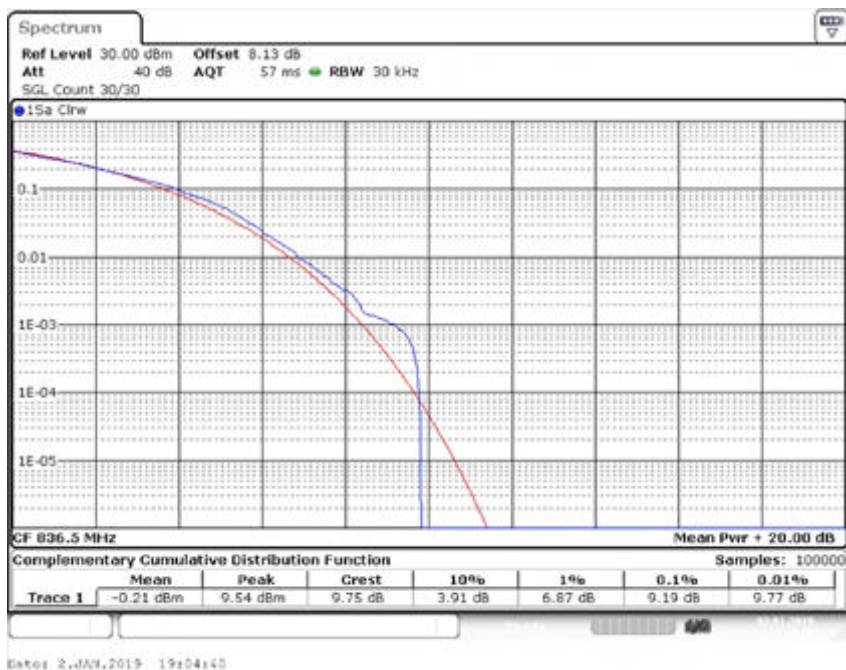
Peak-Average Ratio Plot(5MHz BW,64QAM,Band 5-mid Channel)



Peak-Average Ratio Plot(10MHz BW,QPSK,Band 5-mid Channel)



Peak-Average Ratio Plot(10MHz BW,16QAM,Band 5-mid Channel)



Peak-Average Ratio Plot(10MHz BW,64QAM,Band 5-mid Channel)

5 Spurious Emissions at antenna terminal

Test result

| Band | Carrier frequency (MHz) | Channel (Low) | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 5 | 829 | 20450 | 10 | 1 | 0 | Fig.1 |

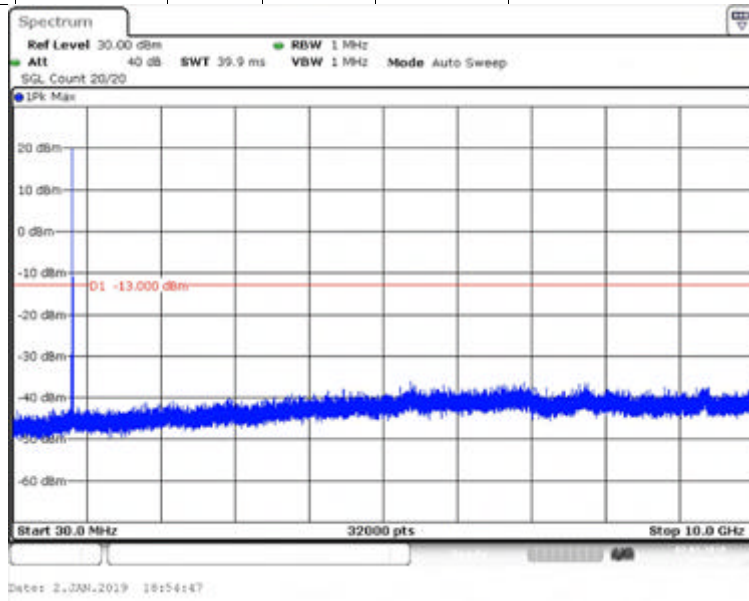


Fig.1

| Band | Carrier frequency (MHz) | Channel (Mid) | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 5 | 836.5 | 20525 | 10 | 1 | 0 | Fig.1 |

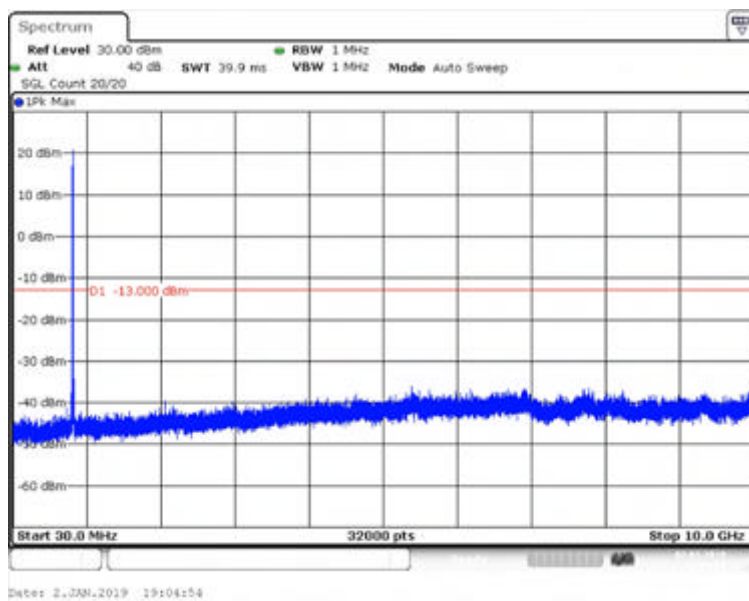


Fig.1

| Band | Carrier frequency (MHz) | Channel (High) | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|----------------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 5 | 844 | 20600 | 10 | 1 | 0 | Fig.1 |

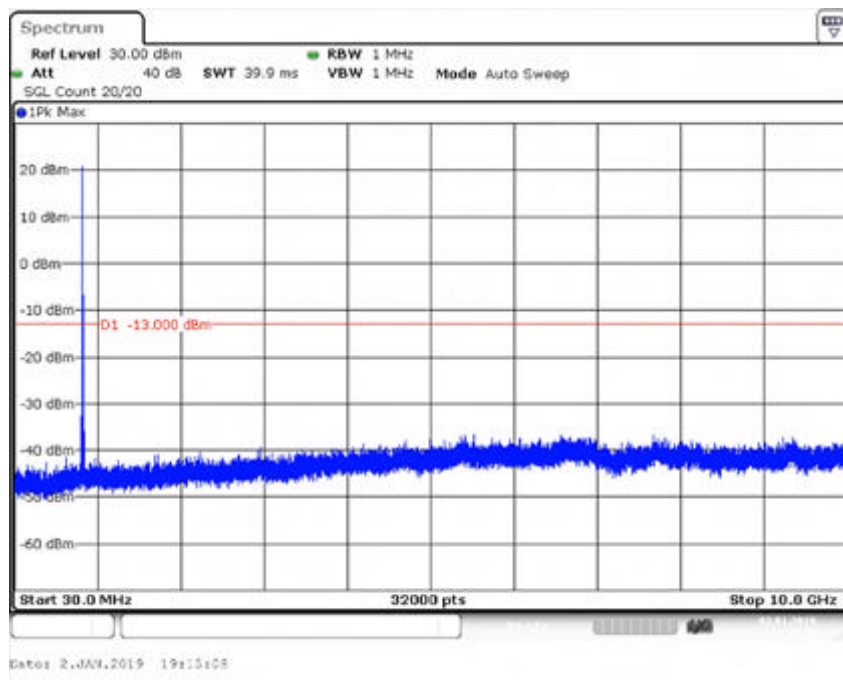


Fig.1

6 Band Edges Compliance
Test result

| Band | Carrier frequency (MHz) | Channel (Low) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|---------------|-----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 824.7 | 20407 | 1.4 | 1 | 0 | Fig.1 |
| | | | | 6 | 0 | Fig.4 |

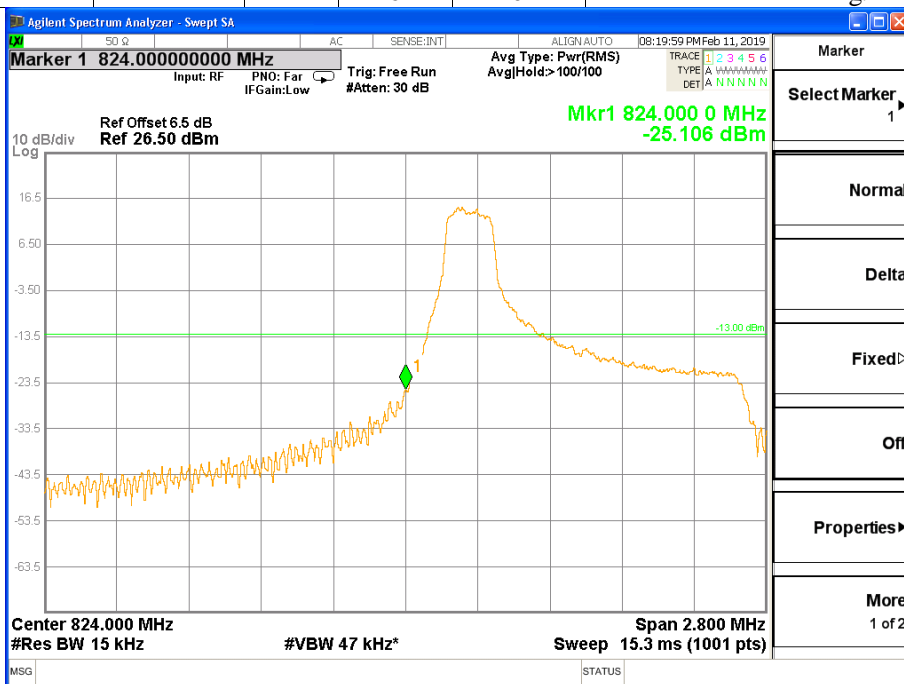


Fig.1

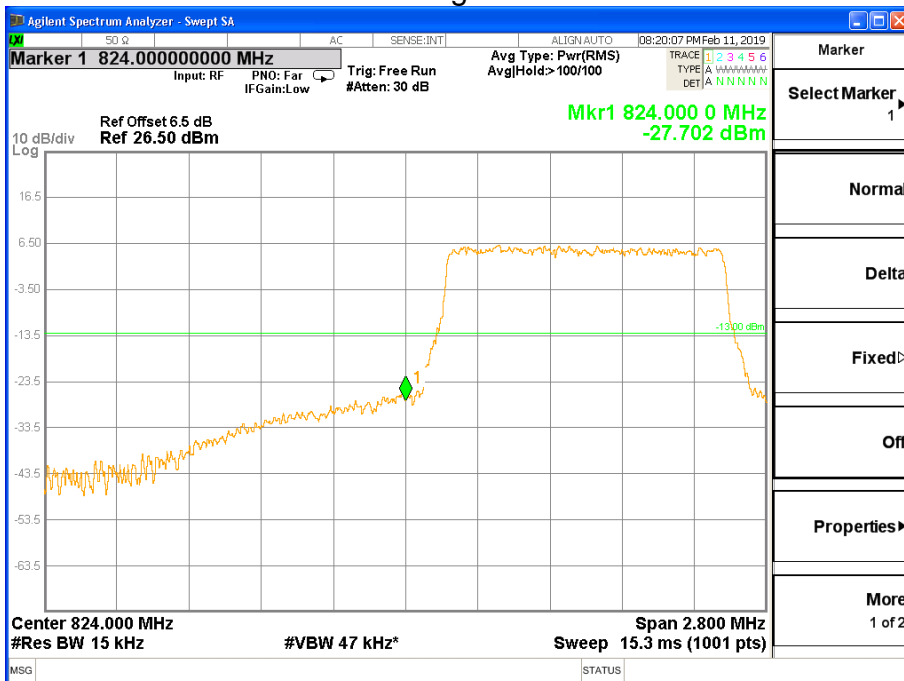


Fig.4

| Band | Carrier frequency (MHz) | Channel (High) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|----------------|-----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 848.3 | 20643 | 1.4 | 1 | 0 | Fig.1 |
| | | | | 6 | 0 | Fig.4 |

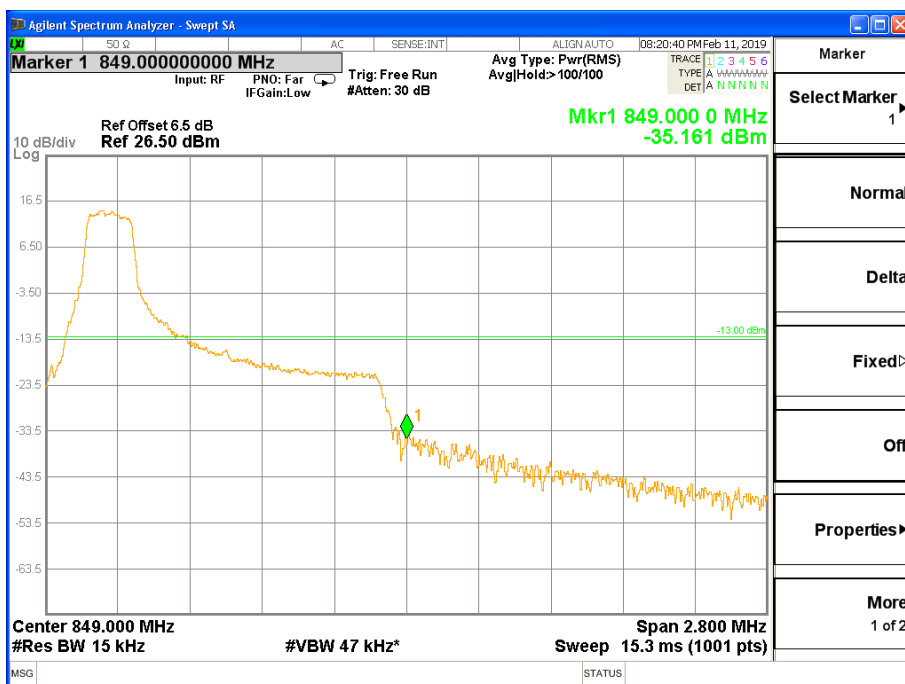


Fig.1

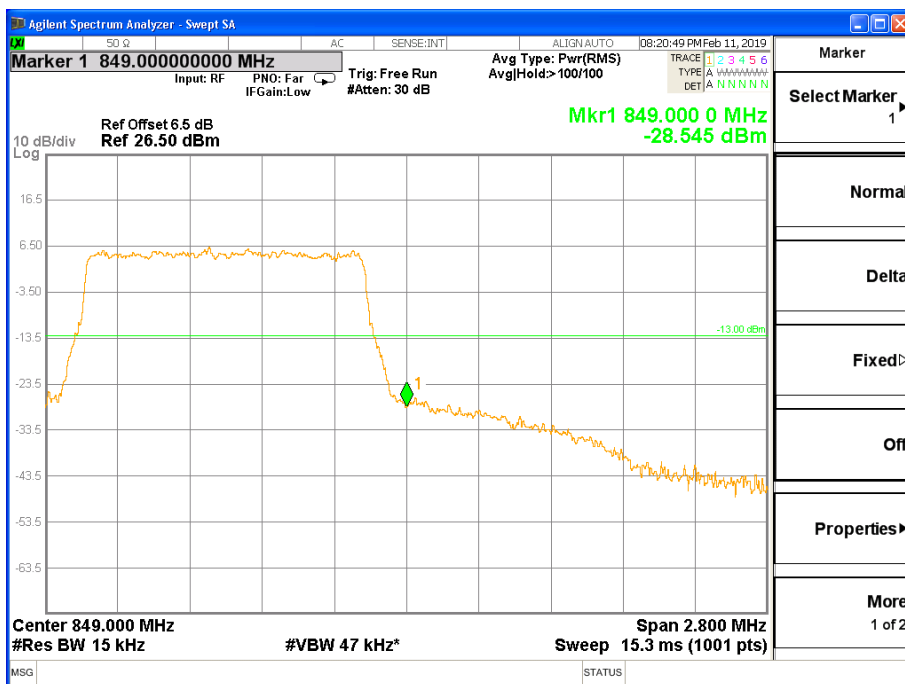


Fig.4

| Band | Carrier frequency (MHz) | Channel (Low) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|---------------|----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 825.5 | 20415 | 3 | 1 | 0 | Fig.1 |
| | | | | 15 | 0 | Fig.4 |

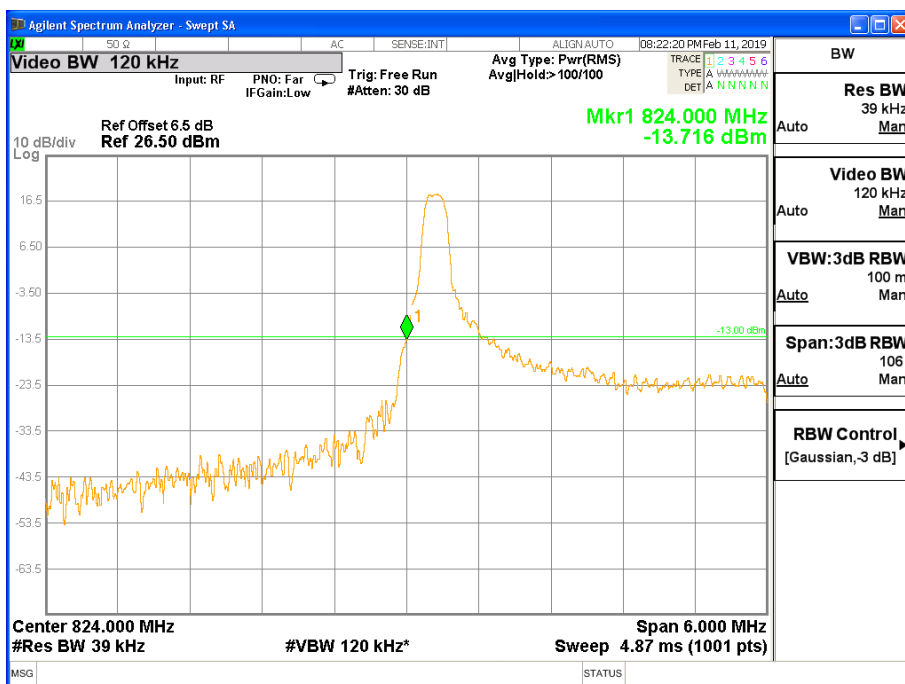


Fig.1

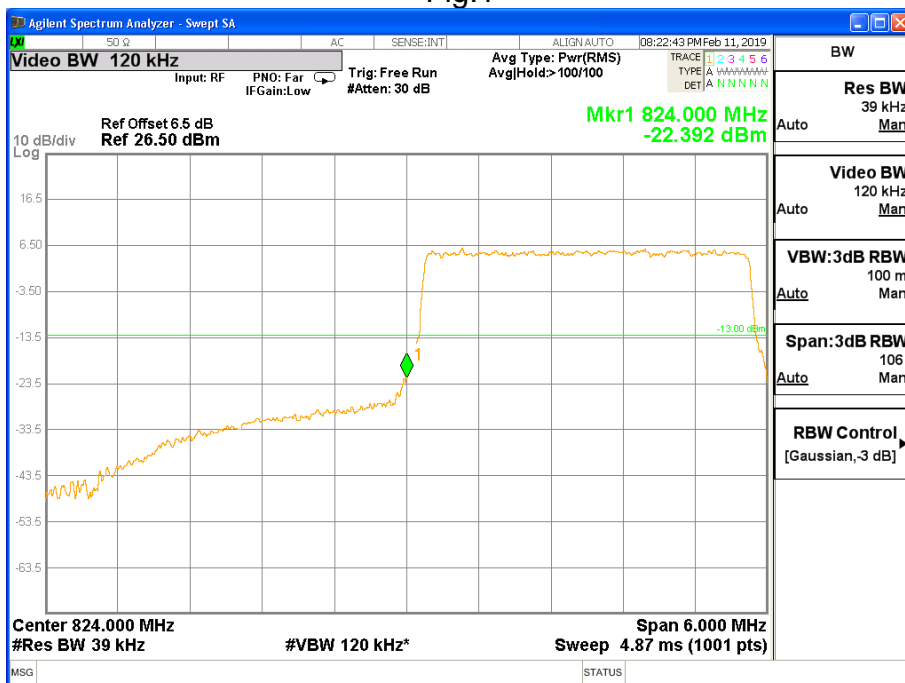


Fig.4

| Band | Carrier frequency (MHz) | Channel (High) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|----------------|----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 847.5 | 20635 | 3 | 1 | 0 | Fig.1 |
| | | | | 15 | 0 | Fig.4 |

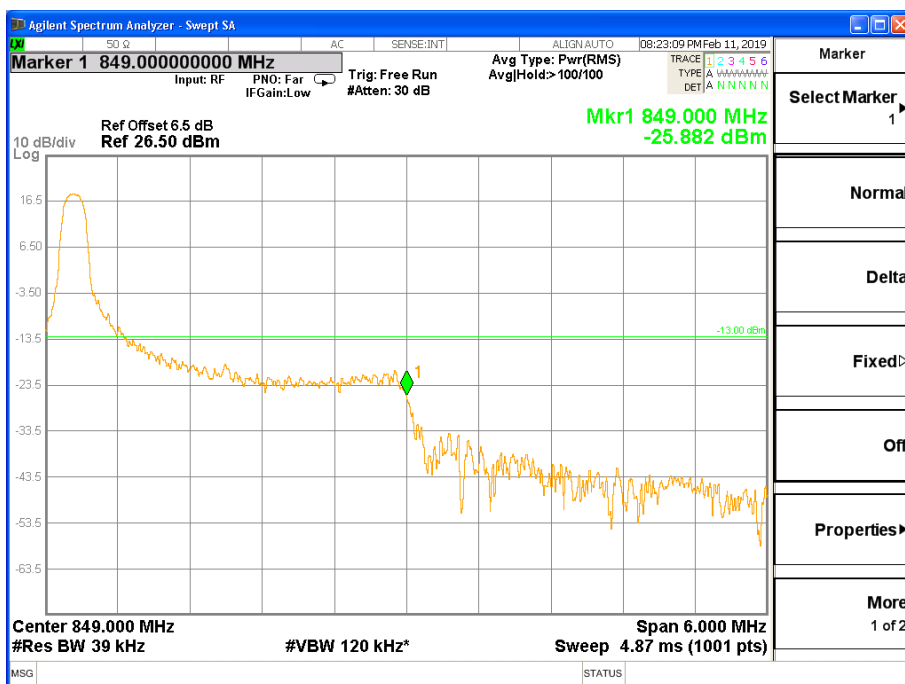


Fig.1

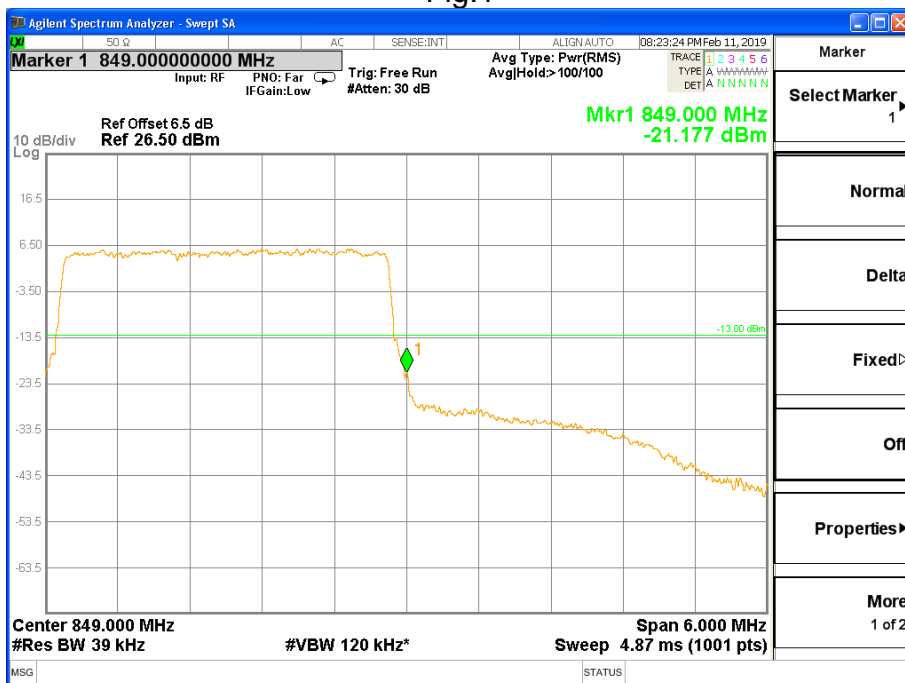


Fig.4

| Band | Carrier frequency (MHz) | Channel (Low) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|---------------|----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 826.5 | 20425 | 5 | 1 | 0 | Fig.1 |
| | | | | 25 | 0 | Fig.4 |

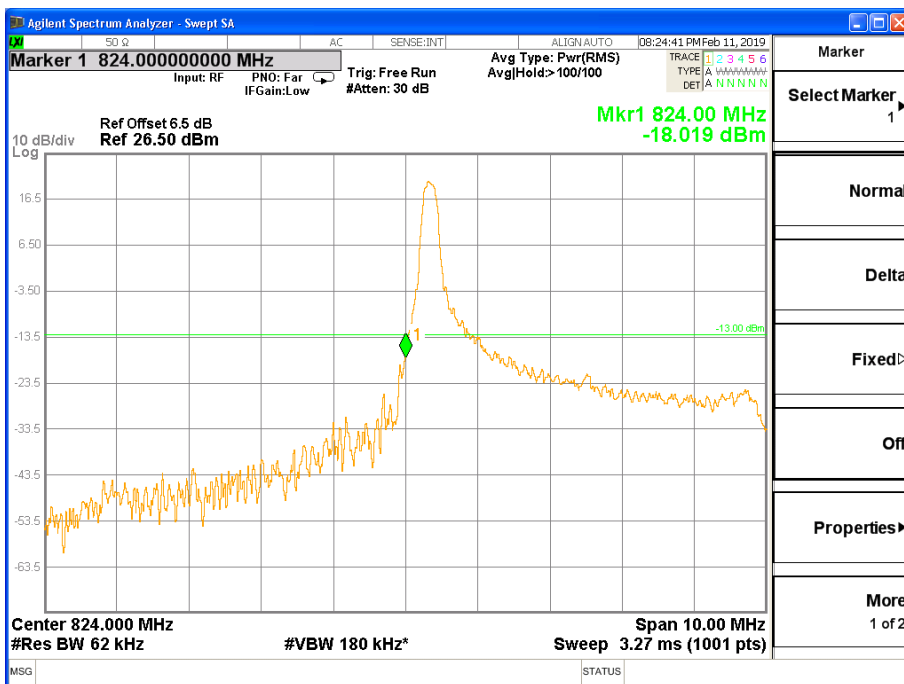


Fig.1

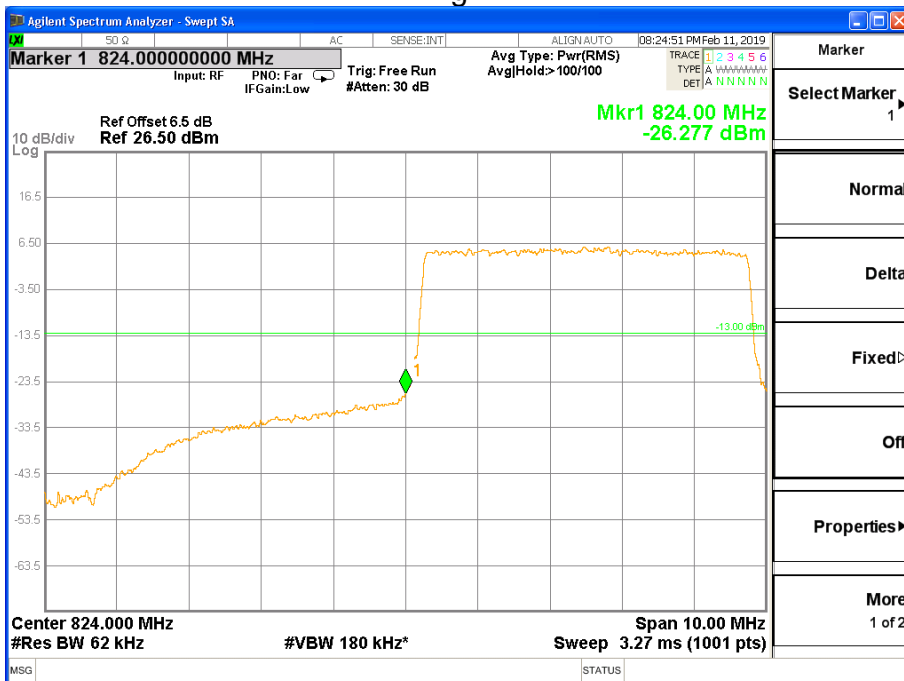


Fig.4

| Band | Carrier frequency (MHz) | Channel (High) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|----------------|----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 846.5 | 20625 | 5 | 1 | 0 | Fig.1 |
| | | | | 25 | 0 | Fig.4 |

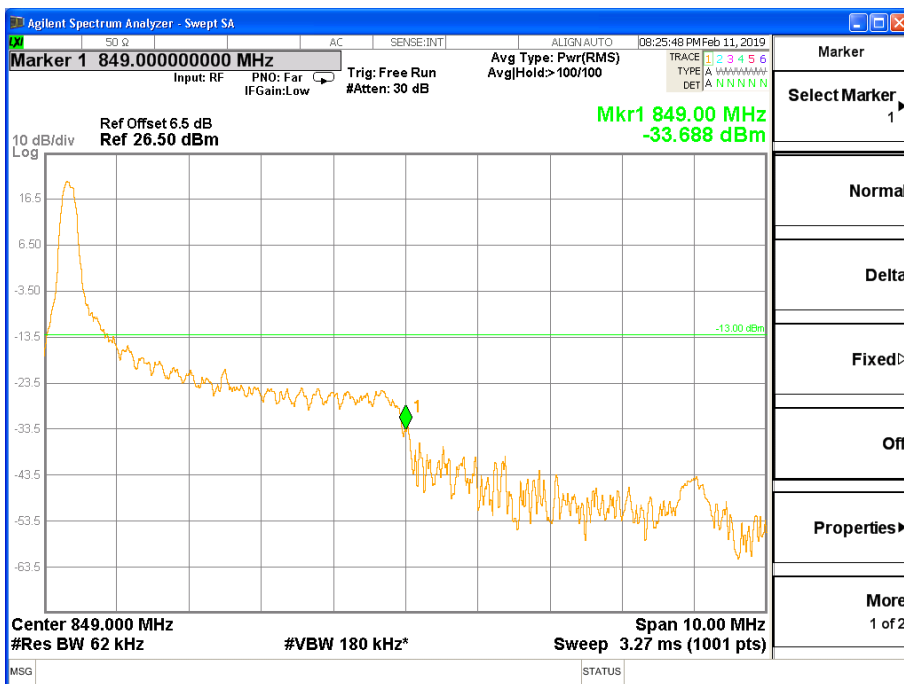


Fig.1

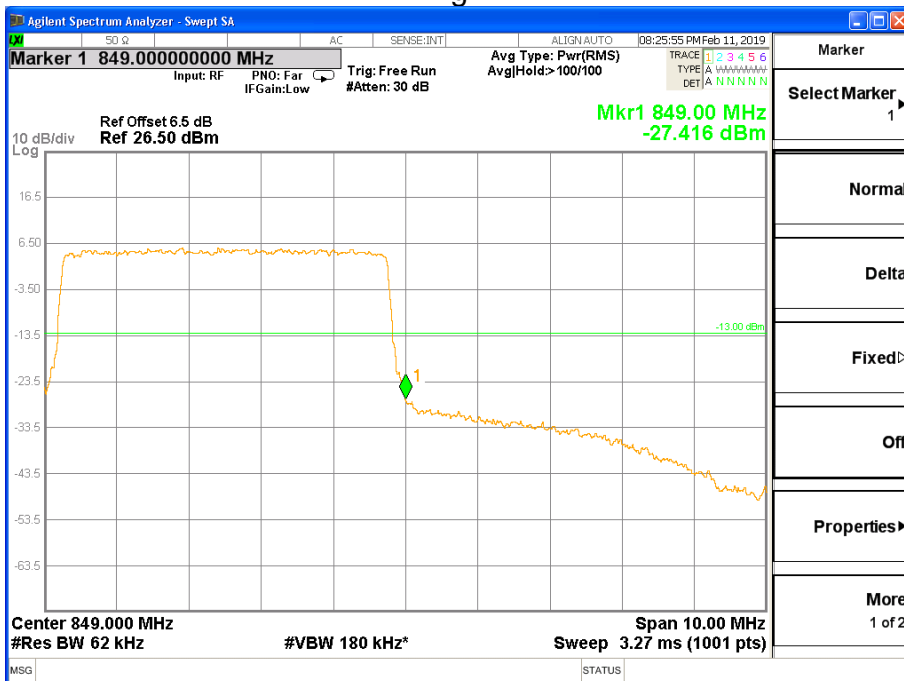


Fig.4

| Band | Carrier frequency (MHz) | Channel (Low) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|---------------|----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 829 | 20450 | 10 | 1 | 0 | Fig.1 |
| | | | | 50 | 0 | Fig.4 |

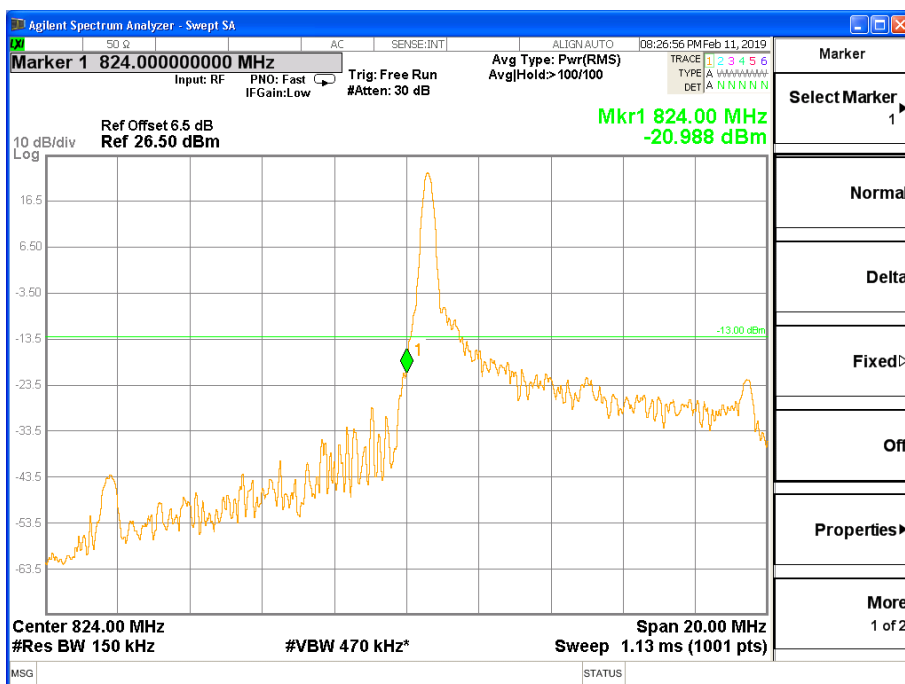


Fig.1

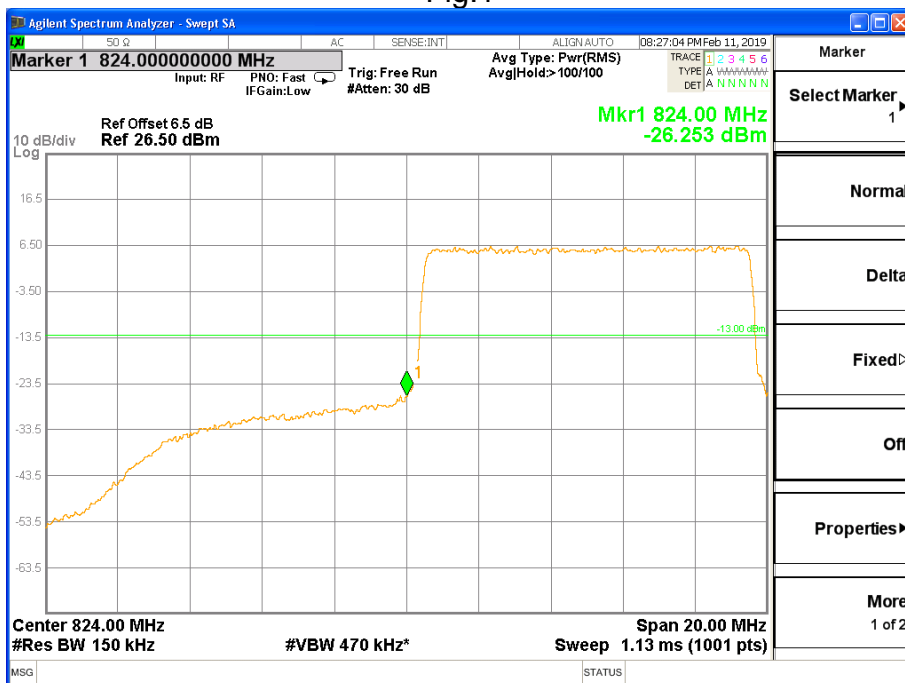


Fig.4

| Band | Carrier frequency (MHz) | Channel (High) | BW | RB Size | RB Offset | Band EdgesPlot |
|------|-------------------------|----------------|----|---------|-----------|----------------|
| | | | | | | QPSK |
| 5 | 844 | 20600 | 10 | 1 | 0 | Fig.1 |
| | | | | 50 | 0 | Fig.4 |

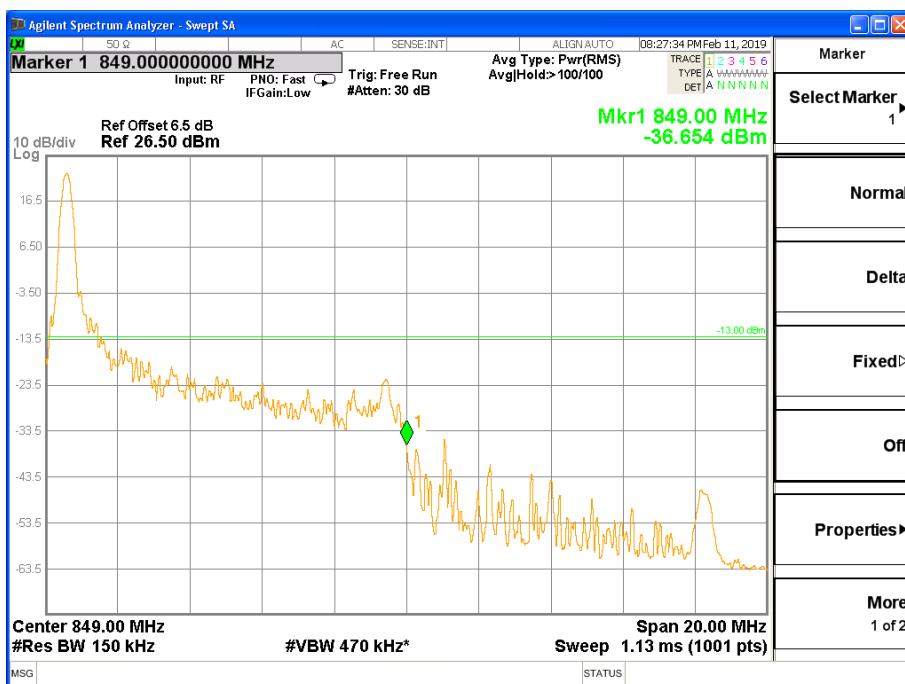


Fig.1

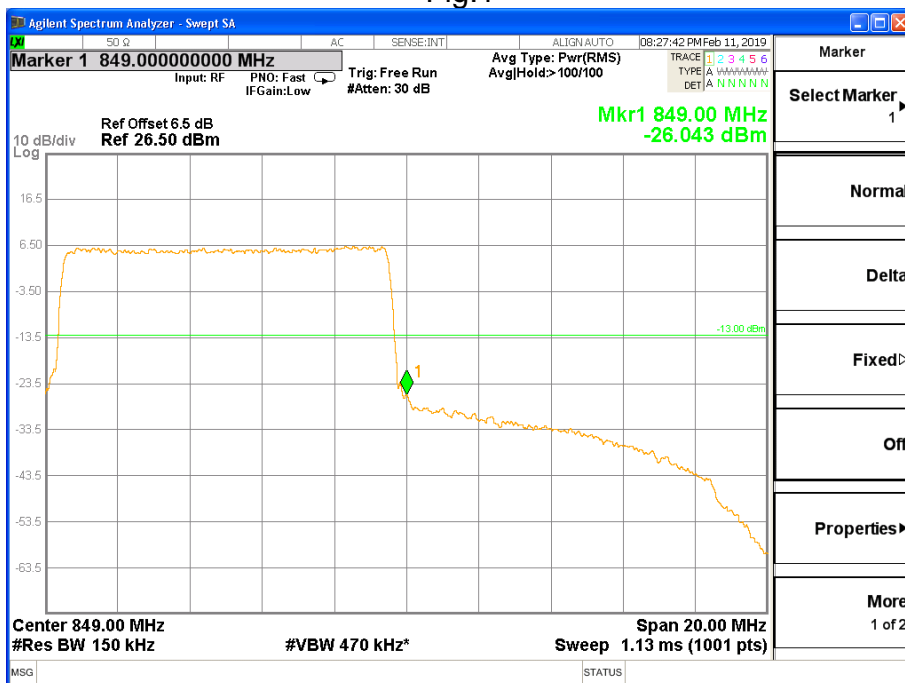


Fig.4

7 Frequency Stability

Test result:

| Band | BW | Test Result (ppm)@NV | | Test Result (ppm)@NT | |
|------|-----|----------------------|--------|----------------------|--------|
| | | Temperature(°C) | | Voltage | |
| 5 | 1.4 | -10 | -0.015 | LV | 0.012 |
| | | 0 | 0.014 | | |
| | | 10 | -0.013 | | |
| | | 20 | -0.007 | | |
| | | 30 | -0.021 | | |
| | | 20 | -0.015 | HV | |
| | | 40 | 0.008 | | |
| | | 50 | -0.031 | | |
| | 55 | -0.013 | | | |
| | 3 | -10 | -0.001 | LV | 0.001 |
| | | 0 | -0.003 | | |
| | | 10 | -0.003 | | |
| | | 20 | -0.007 | | |
| | | 30 | -0.007 | | |
| | | 20 | -0.005 | HV | |
| | | 40 | 0.001 | | |
| | | 50 | -0.001 | | |
| | 55 | 0.004 | | | |
| | 5 | -10 | -0.008 | LV | -0.004 |
| | | 0 | -0.019 | | |
| | | 10 | -0.001 | | |
| | | 20 | -0.009 | | |
| | | 30 | -0.002 | | |
| | | 20 | -0.006 | HV | |
| | | 40 | -0.014 | | |
| | | 50 | -0.002 | | |
| | 55 | -0.003 | | | |
| | 10 | -10 | -0.001 | LV | -0.006 |
| 0 | | -0.008 | | | |
| 10 | | -0.008 | | | |
| 20 | | -0.004 | | | |
| 30 | | -0.006 | | | |

| | | | | | |
|--|--|----|--------|----|-------|
| | | 20 | -0.009 | HV | 0.001 |
| | | 40 | -0.006 | | |
| | | 50 | -0.009 | | |
| | | 55 | -0.005 | | |

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 7

1 RF Power Output

Test result:

Antenna Gain: -6.0dBi

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| QPSK | 2502.5 | 20775 | 5 | 1 | 0 | 19.7 | 13.7 |
| | | | | 1 | 24 | 19.5 | 13.5 |
| | | | | 12 | 6 | 19.1 | 13.1 |
| | | | | 25 | 0 | 19.1 | 13.1 |
| | 2535 | 21100 | | 1 | 0 | 20.7 | 14.7 |
| | | | | 1 | 24 | 20.8 | 14.8 |
| | | | | 12 | 6 | 19.8 | 13.8 |
| | | | | 25 | 0 | 19.8 | 13.8 |
| | 2567.5 | 21425 | | 1 | 0 | 20.9 | 14.9 |
| | | | | 1 | 24 | 20.8 | 14.8 |
| | | | | 12 | 6 | 20.1 | 14.1 |
| | | | | 25 | 0 | 20.1 | 14.1 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 16QAM | 2502.5 | 20775 | 5 | 1 | 0 | 18.4 | 12.4 |
| | | | | 1 | 24 | 18.4 | 12.4 |
| | | | | 12 | 6 | 18.2 | 12.2 |
| | | | | 25 | 0 | 18.4 | 12.4 |
| | 2535 | 21100 | | 1 | 0 | 19.5 | 13.5 |
| | | | | 1 | 24 | 19.7 | 13.7 |
| | | | | 12 | 6 | 18.9 | 12.9 |
| | | | | 25 | 0 | 18.9 | 12.9 |
| | 2567.5 | 21425 | | 1 | 0 | 20.0 | 14.0 |
| | | | | 1 | 24 | 20.0 | 14.0 |
| | | | | 12 | 6 | 19.2 | 13.2 |
| | | | | 25 | 0 | 19.2 | 13.2 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 64QAM | 2502.5 | 20775 | 5 | 1 | 0 | 18.0 | 12.0 |
| | | | | 1 | 24 | 18.1 | 12.1 |
| | | | | 12 | 6 | 17.9 | 11.9 |
| | | | | 25 | 0 | 18.2 | 12.2 |
| | 2535 | 21100 | | 1 | 0 | 19.2 | 13.2 |
| | | | | 1 | 24 | 19.2 | 13.2 |
| | | | | 12 | 6 | 18.4 | 12.4 |
| | | | | 25 | 0 | 18.3 | 12.3 |
| | 2567.5 | 21425 | | 1 | 0 | 19.7 | 13.7 |
| | | | | 1 | 24 | 19.8 | 13.8 |
| | | | | 12 | 6 | 18.8 | 12.8 |
| | | | | 25 | 0 | 18.9 | 12.9 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| QPSK | 2505 | 20800 | 10 | 1 | 0 | 19.6 | 13.6 |
| | | | | 1 | 49 | 19.5 | 13.5 |
| | | | | 24 | 12 | 19.1 | 13.1 |
| | | | | 50 | 0 | 19.2 | 13.2 |
| | 2535 | 21100 | | 1 | 0 | 20.6 | 14.6 |
| | | | | 1 | 49 | 20.7 | 14.7 |
| | | | | 24 | 12 | 19.8 | 13.8 |
| | | | | 50 | 0 | 19.9 | 13.9 |
| | 2565 | 21400 | | 1 | 0 | 21.1 | 15.1 |
| | | | | 1 | 49 | 21.2 | 15.2 |
| | | | | 24 | 12 | 20.1 | 14.1 |
| | | | | 50 | 0 | 20.1 | 14.1 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 16QAM | 2505 | 20800 | 10 | 1 | 0 | 19.5 | 13.5 |
| | | | | 1 | 49 | 19.7 | 13.7 |
| | | | | 24 | 12 | 18.5 | 12.5 |
| | | | | 50 | 0 | 18.4 | 12.4 |
| | 2535 | 21100 | | 1 | 0 | 20.4 | 14.4 |
| | | | | 1 | 49 | 20.6 | 14.6 |
| | | | | 24 | 12 | 19.0 | 13.0 |
| | | | | 50 | 0 | 19.0 | 13.0 |
| | 2565 | 21400 | | 1 | 0 | 19.9 | 13.9 |
| | | | | 1 | 49 | 19.8 | 13.8 |
| | | | | 24 | 12 | 19.3 | 13.3 |
| | | | | 50 | 0 | 19.3 | 13.3 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 64QAM | 2505 | 20800 | 10 | 1 | 0 | 19.1 | 13.1 |
| | | | | 1 | 49 | 19.3 | 13.3 |
| | | | | 24 | 12 | 18.1 | 12.1 |
| | | | | 50 | 0 | 18.0 | 12.0 |
| | 2535 | 21100 | | 1 | 0 | 19.9 | 13.9 |
| | | | | 1 | 49 | 20.3 | 14.3 |
| | | | | 24 | 12 | 18.3 | 12.3 |
| | | | | 50 | 0 | 18.5 | 12.5 |
| | 2565 | 21400 | | 1 | 0 | 19.2 | 13.2 |
| | | | | 1 | 49 | 19.4 | 13.4 |
| | | | | 24 | 12 | 19.0 | 13.0 |
| | | | | 50 | 0 | 19.1 | 13.1 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| QPSK | 2507.5 | 20825 | 15 | 1 | 0 | 19.7 | 13.7 |
| | | | | 1 | 74 | 19.5 | 13.5 |
| | | | | 40 | 18 | 18.9 | 12.9 |
| | | | | 75 | 0 | 19.2 | 13.2 |
| | 2535 | 21100 | | 1 | 0 | 20.6 | 14.6 |
| | | | | 1 | 74 | 20.9 | 14.9 |
| | | | | 40 | 18 | 19.9 | 13.9 |
| | | | | 75 | 0 | 19.8 | 13.8 |
| | 2562.5 | 21375 | | 1 | 0 | 21.1 | 15.1 |
| | | | | 1 | 74 | 21.1 | 15.1 |
| | | | | 40 | 18 | 20.1 | 14.1 |
| | | | | 75 | 0 | 20.1 | 14.1 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 16QAM | 2507.5 | 20825 | 15 | 1 | 0 | 19.5 | 13.5 |
| | | | | 1 | 74 | 19.3 | 13.3 |
| | | | | 40 | 18 | 18.3 | 12.3 |
| | | | | 75 | 0 | 18.4 | 12.4 |
| | 2535 | 21100 | | 1 | 0 | 20.1 | 14.1 |
| | | | | 1 | 74 | 20.7 | 14.7 |
| | | | | 40 | 18 | 18.9 | 12.9 |
| | | | | 75 | 0 | 19.1 | 13.1 |
| | 2562.5 | 21375 | | 1 | 0 | 20.5 | 14.5 |
| | | | | 1 | 74 | 20.4 | 14.4 |
| | | | | 40 | 18 | 19.2 | 13.2 |
| | | | | 75 | 0 | 19.2 | 13.2 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 64QAM | 2507.5 | 20825 | 15 | 1 | 0 | 19.2 | 13.2 |
| | | | | 1 | 74 | 19.0 | 13.0 |
| | | | | 40 | 18 | 18.0 | 12.0 |
| | | | | 75 | 0 | 18.1 | 12.1 |
| | 2535 | 21100 | | 1 | 0 | 19.6 | 13.6 |
| | | | | 1 | 74 | 20.2 | 14.2 |
| | | | | 40 | 18 | 18.2 | 12.2 |
| | | | | 75 | 0 | 18.5 | 12.5 |
| | 2562.5 | 21375 | | 1 | 0 | 19.1 | 13.1 |
| | | | | 1 | 74 | 20.1 | 14.1 |
| | | | | 40 | 18 | 18.5 | 12.5 |
| | | | | 75 | 0 | 18.8 | 12.8 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| QPSK | 2510 | 20850 | 20 | 1 | 0 | 19.8 | 13.8 |
| | | | | 1 | 99 | 19.5 | 13.5 |
| | | | | 50 | 25 | 19.2 | 13.2 |
| | | | | 100 | 0 | 19.2 | 13.2 |
| | 2535 | 21100 | | 1 | 0 | 20.9 | 14.9 |
| | | | | 1 | 99 | 21.1 | 15.1 |
| | | | | 50 | 25 | 19.9 | 13.9 |
| | | | | 100 | 0 | 19.9 | 13.9 |
| | 2560 | 21350 | | 1 | 0 | 21.2 | 15.2 |
| | | | | 1 | 99 | 21.0 | 15.0 |
| | | | | 50 | 25 | 20.1 | 14.1 |
| | | | | 100 | 0 | 20.1 | 14.1 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 16QAM | 2510 | 20850 | 20 | 1 | 0 | 19.0 | 13.0 |
| | | | | 1 | 99 | 19.3 | 13.3 |
| | | | | 50 | 25 | 18.2 | 12.2 |
| | | | | 100 | 0 | 18.4 | 12.4 |
| | 2535 | 21100 | | 1 | 0 | 20.0 | 14.0 |
| | | | | 1 | 99 | 20.2 | 14.2 |
| | | | | 50 | 25 | 18.9 | 12.9 |
| | | | | 100 | 0 | 19.0 | 13.0 |
| | 2560 | 21350 | | 1 | 0 | 20.8 | 14.8 |
| | | | | 1 | 99 | 21.1 | 15.1 |
| | | | | 50 | 25 | 19.2 | 13.2 |
| | | | | 100 | 0 | 19.2 | 13.2 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted Average (dBm) | EIRP Average(dBm) |
|------------|-------------------------|------------|----|---------|-----------|-------------------------|-------------------|
| 64QAM | 2510 | 20850 | 20 | 1 | 0 | 18.7 | 12.7 |
| | | | | 1 | 99 | 18.8 | 12.8 |
| | | | | 50 | 25 | 17.9 | 11.9 |
| | | | | 100 | 0 | 18.0 | 12.0 |
| | 2535 | 21100 | | 1 | 0 | 19.7 | 13.7 |
| | | | | 1 | 99 | 19.9 | 13.9 |
| | | | | 50 | 25 | 18.3 | 12.3 |
| | | | | 100 | 0 | 18.5 | 12.5 |
| | 2560 | 21350 | | 1 | 0 | 20.2 | 14.2 |
| | | | | 1 | 99 | 20.5 | 14.5 |
| | | | | 50 | 25 | 18.7 | 12.7 |
| | | | | 100 | 0 | 18.5 | 12.5 |

2 Occupied Bandwidth
Test result

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 7 | 2502.5 | 20775 | 5 | 25 | 0 | 4.537 | Fig.1 | 4.537 | Fig.2 | 4.537 | Fig.3 |

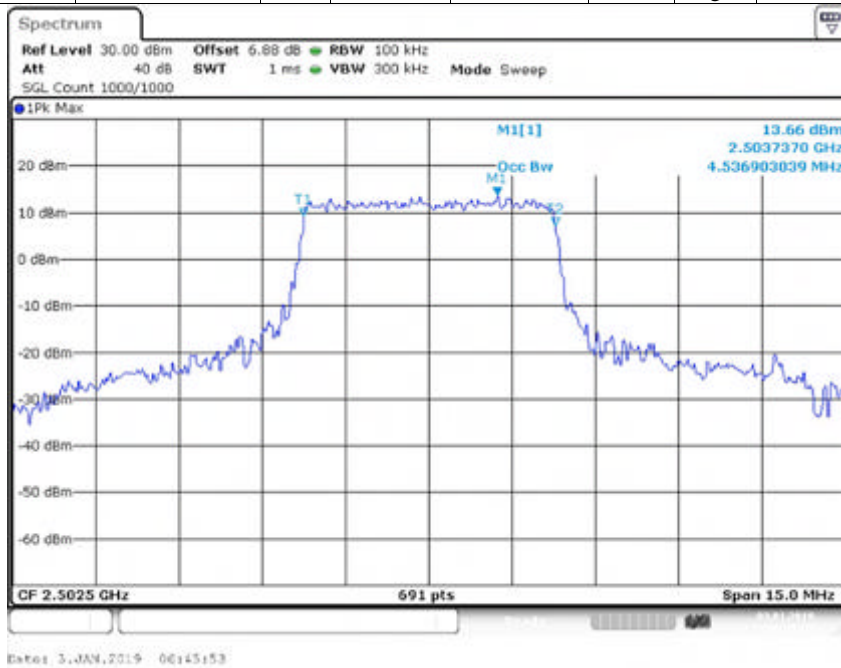


Fig.1

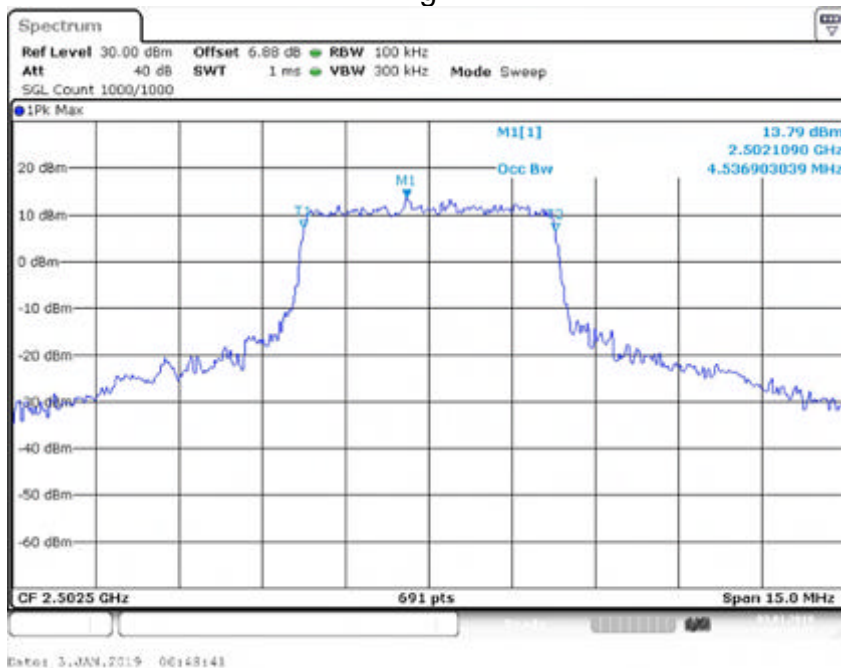


Fig.2

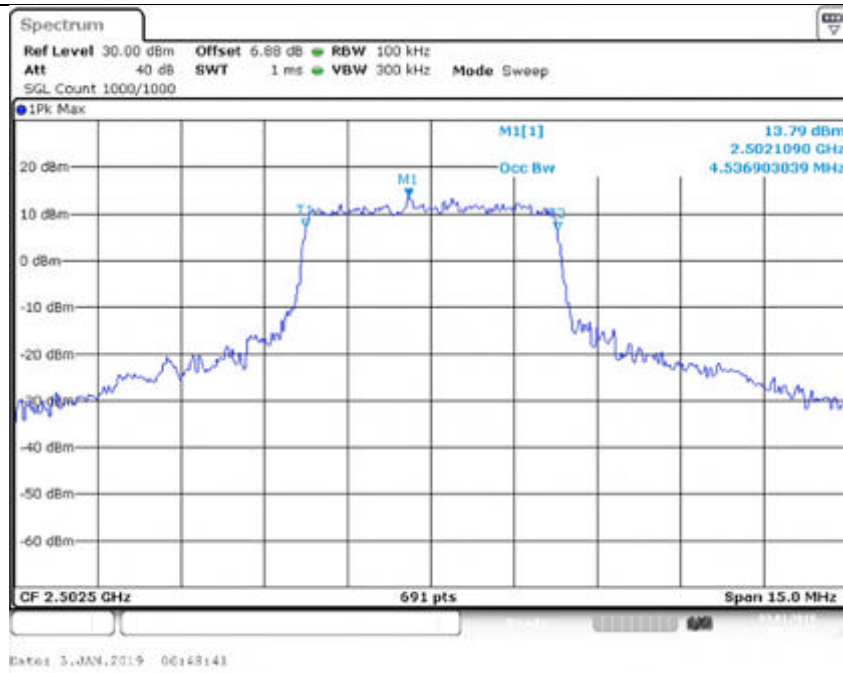


Fig.3

| Band | Carrier frequency (MHz) | Channel(Mid) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 7 | 2535 | 21100 | 5 | 25 | 0 | 4.515 | Fig.1 | 4.537 | Fig.2 | 4.537 | Fig.3 |

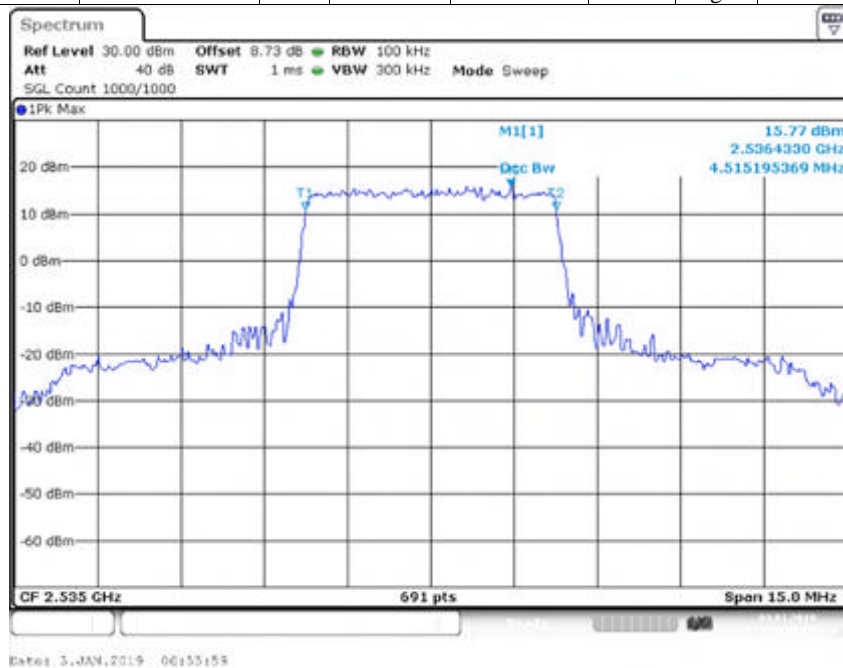


Fig.1

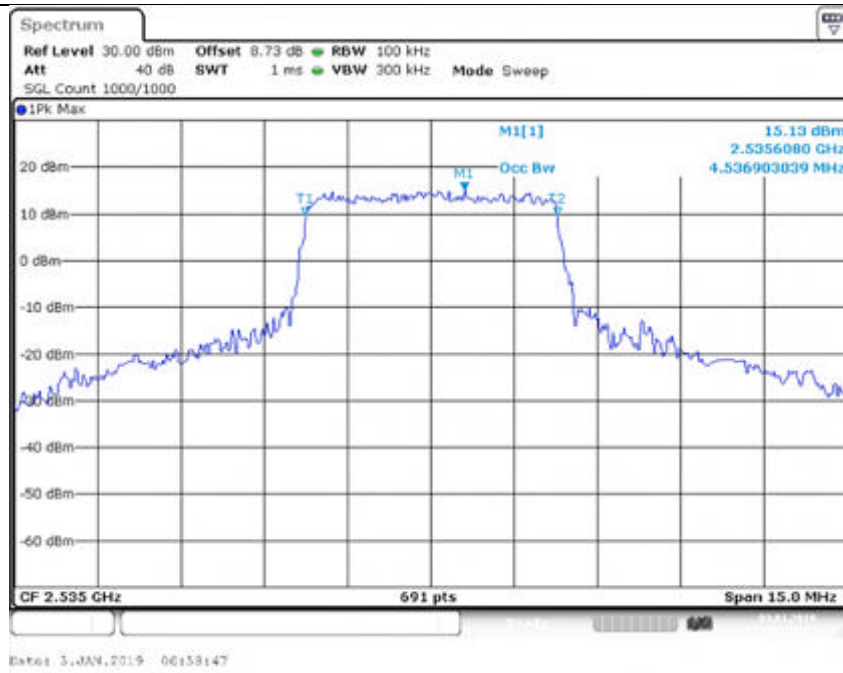


Fig.2

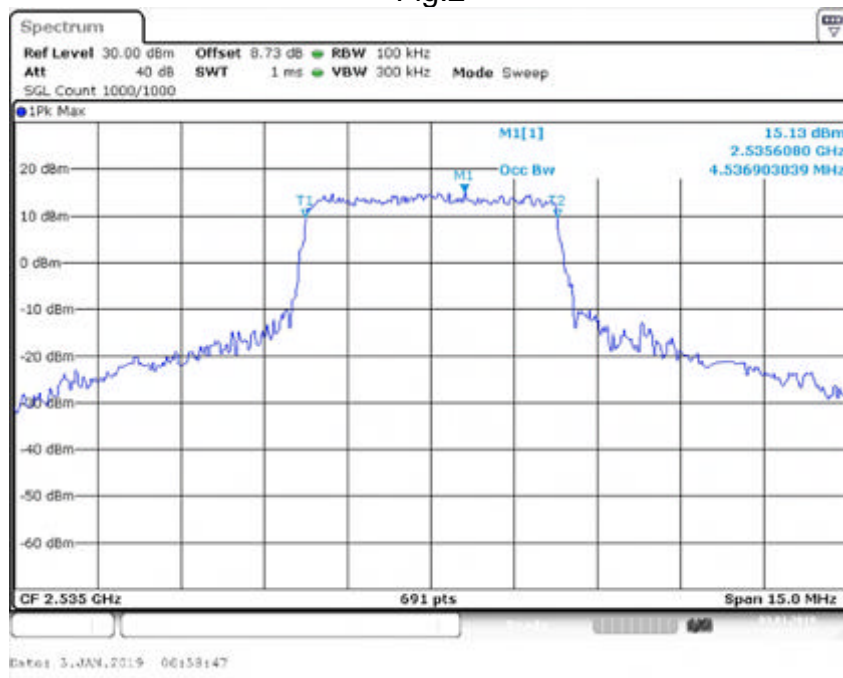


Fig.3

| Band | Carrier frequency (MHz) | Channel(High) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|---------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 7 | 2567.5 | 21425 | 5 | 25 | 0 | 4.515 | Fig.1 | 4.537 | Fig.2 | 4.537 | Fig.3 |

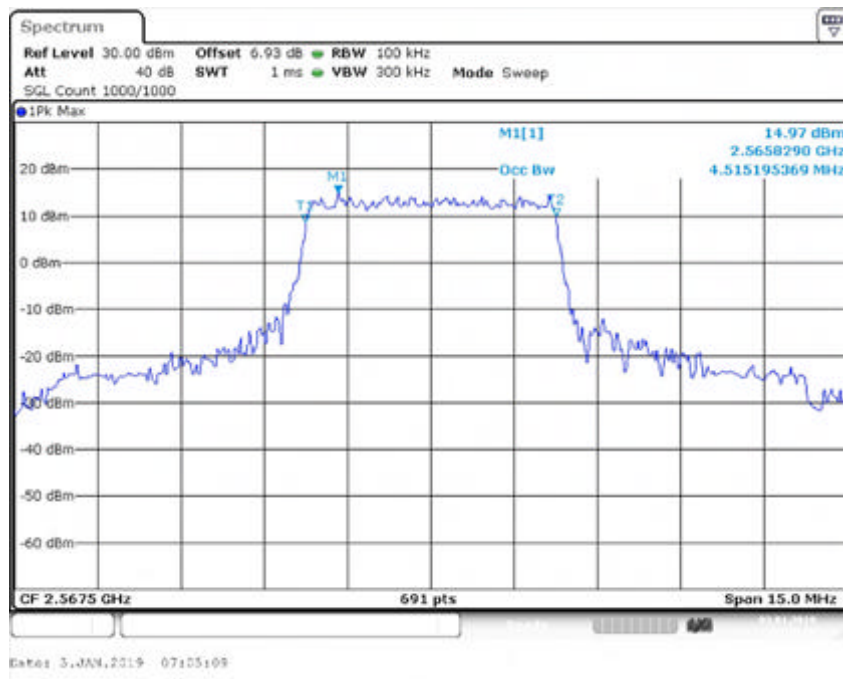


Fig.1

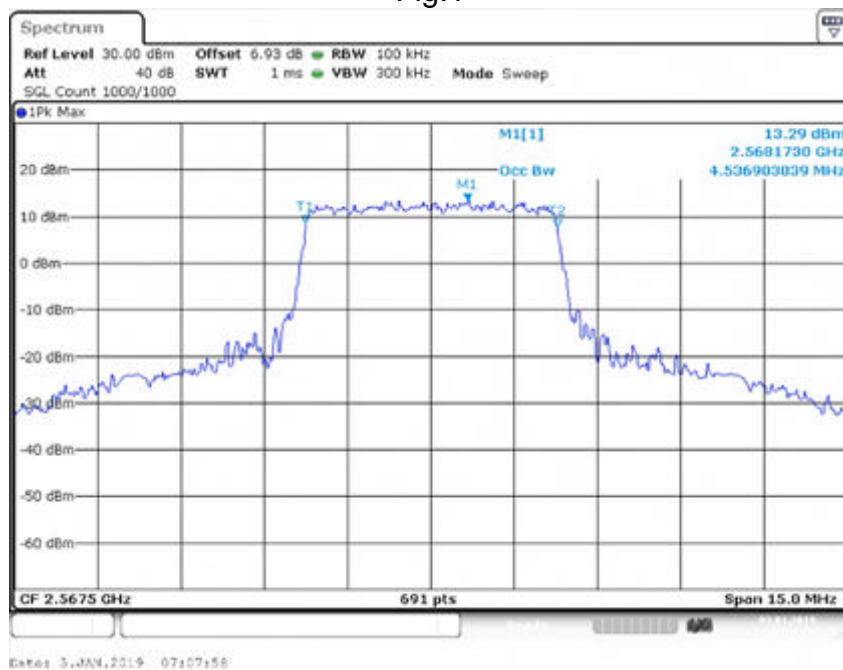


Fig.2

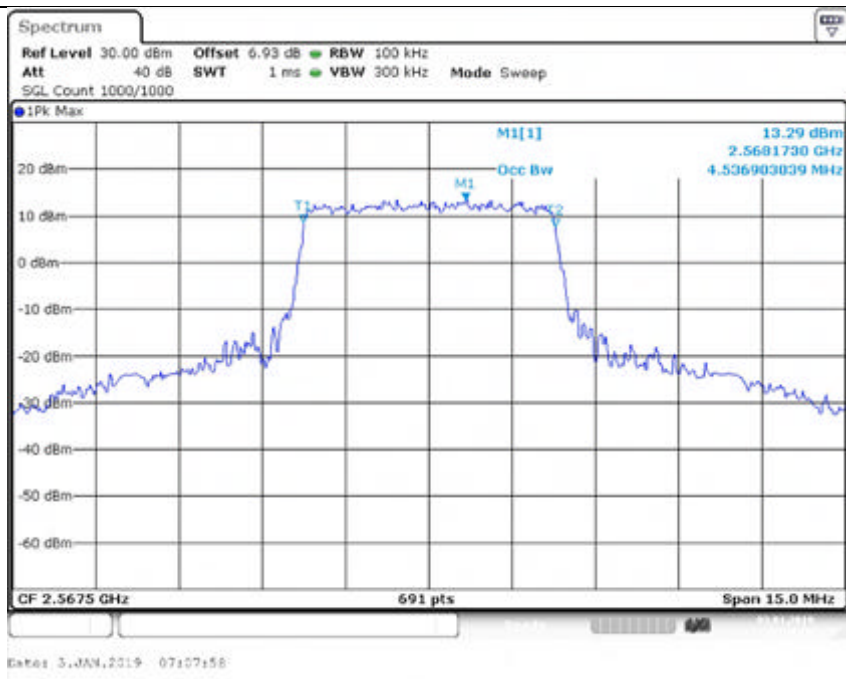


Fig.3

| Band | Carrier frequency (MHz) | Channel(Low) | BW | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|------|-------------------------|--------------|----|---------|-----------|------------------------------|-------|--------|-------|--------|-------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 7 | 2505 | 20800 | 10 | 50 | 0 | 9.074 | Fig.1 | 9.074 | Fig.2 | 9.074 | Fig.3 |

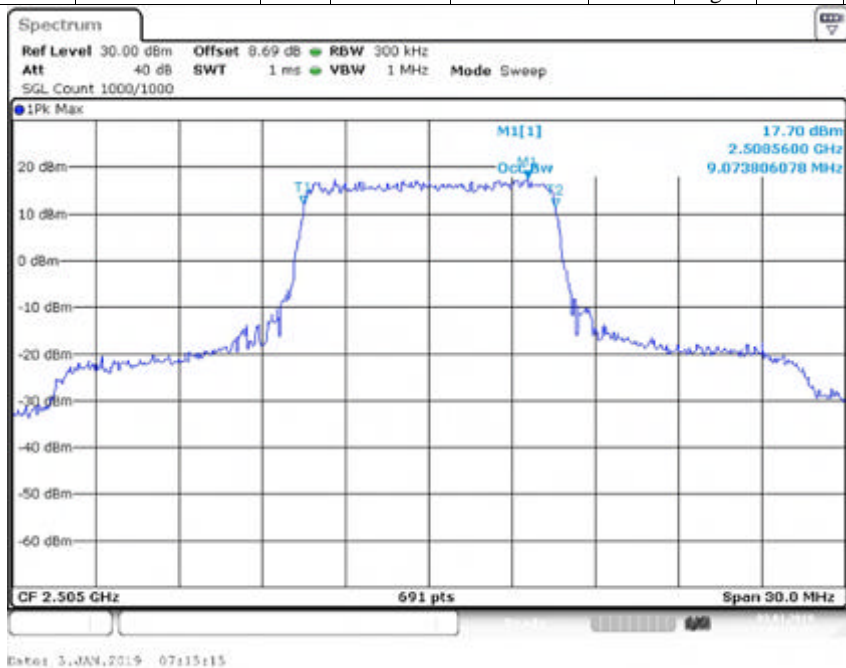


Fig.1

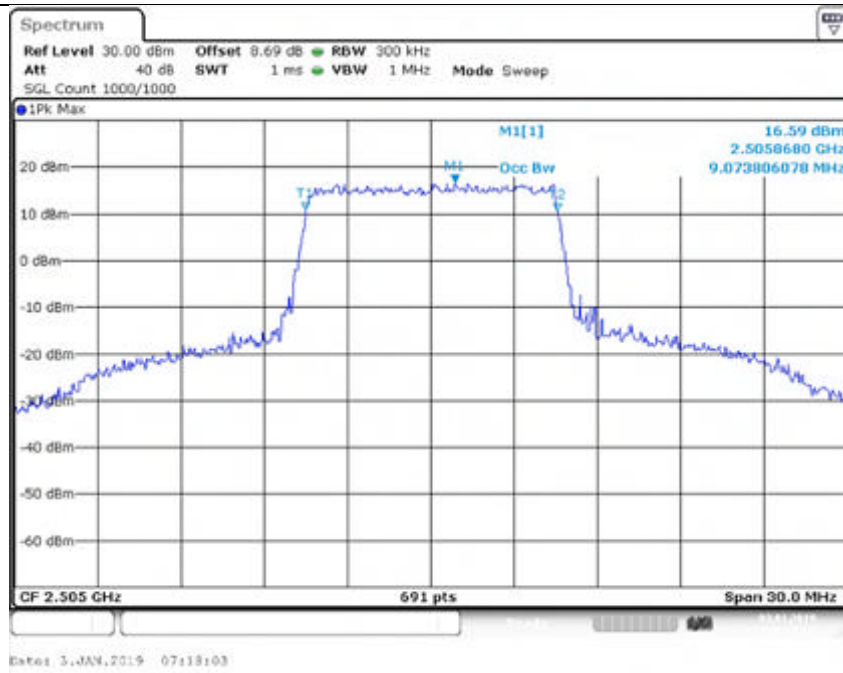


Fig.2

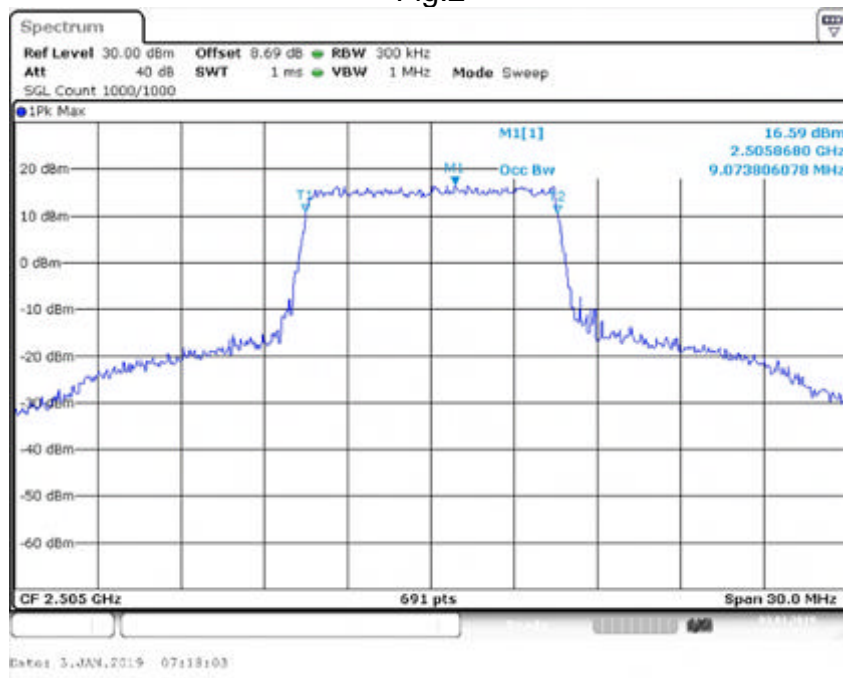


Fig.3