

Date: 23 MAY 2017 13:59:33

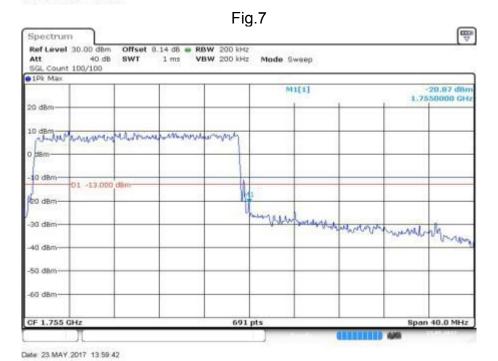
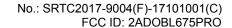


Fig.8

| Band frequer | Carrier | Channel (Low) | BW | RB | L | Band EdgesPlot | |
|--------------|---------|---------------|-----|------|---|----------------|--------|
| | (MHz) | | | Size | | QPSK | 16-QAM |
| | | 20407 | 1.4 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 824.7 | | | 1 | 5 | Fig.2 | Fig.6 |
| 3 | 624.7 | | | 3 | 2 | Fig.3 | Fig.7 |
| | | | | 6 | 0 | Fig.4 | Fig.8 |

The State Radio_monitoring_center Testing Center (SRTC)



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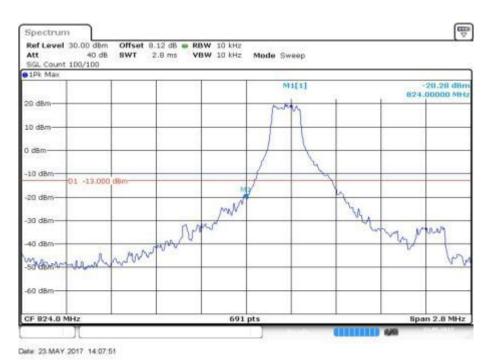




Fig.2

Tel: 86-10-5799 6181 Fax: 86-10-5799 6288 20170915V1.1.0









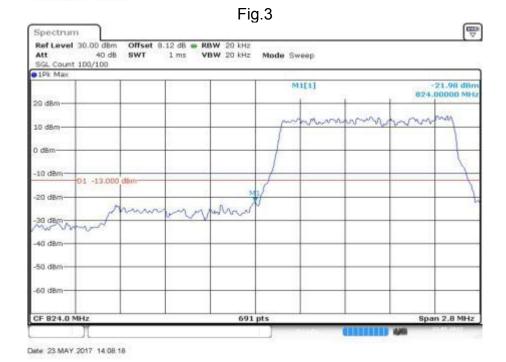


Fig.4





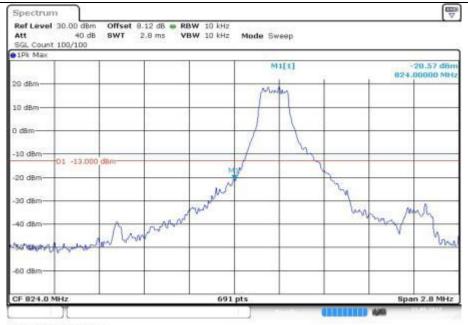
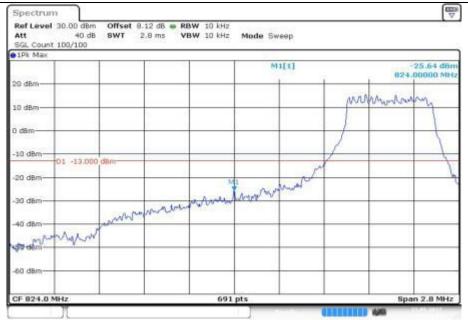






Fig.6







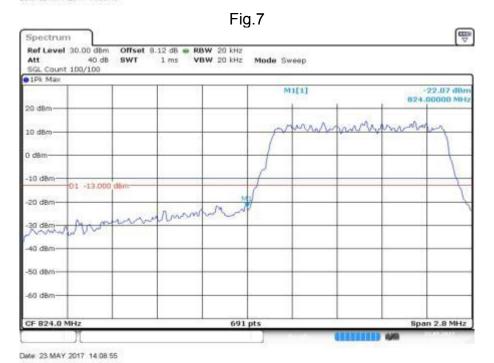
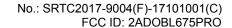


Fig.8

| Band frequen | Carrier | Channel (High) | DW | RB | RB Offset | Band EdgesPlot | |
|--------------|---------|----------------|-----|------|--------------|----------------|--------|
| | (MHz) | | DVV | Size | | QPSK | 16-QAM |
| | | 20643 | 1.4 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 848.3 | | | 1 | 5 | Fig.2 | Fig.6 |
| 3 | 646.3 | | | 3 | 2 | Fig.3 | Fig.7 |
| | | | | 6 | 0 | Fig.4 | Fig.8 |



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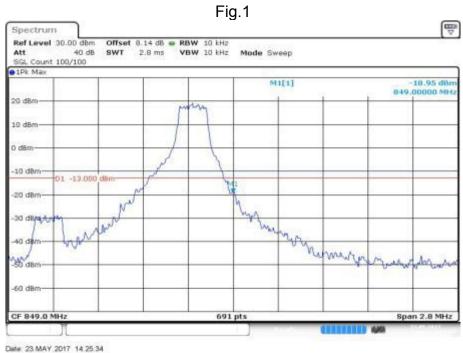
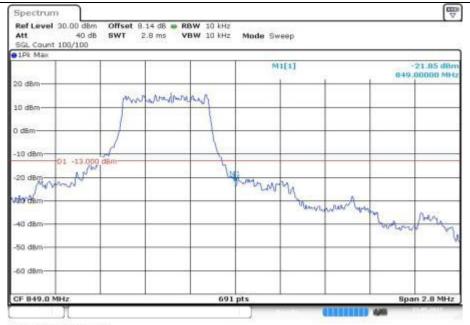


Fig.2

Tel: 86-10-5799 6181 Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 14:25:44

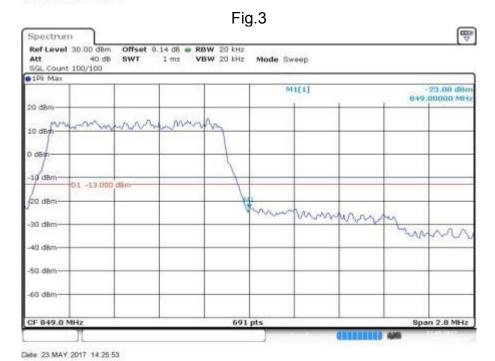


Fig.4

20170915V1.1.0

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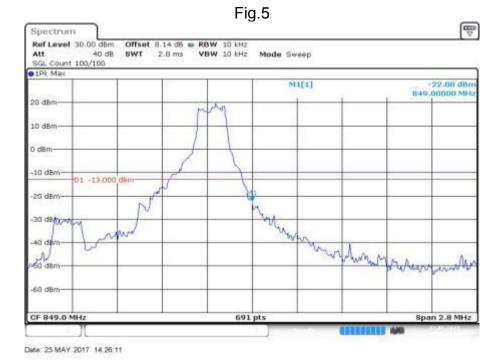
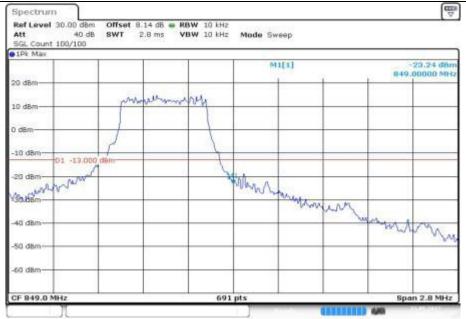


Fig.6





Date: 23 MAY 2017 14:26:21

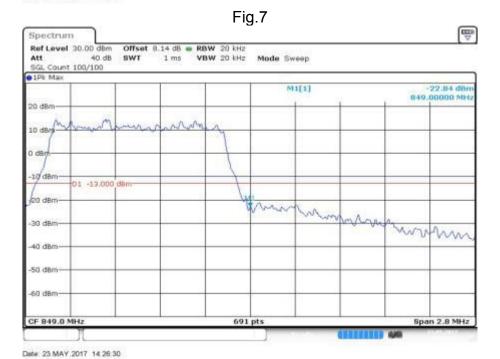
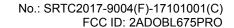


Fig.8

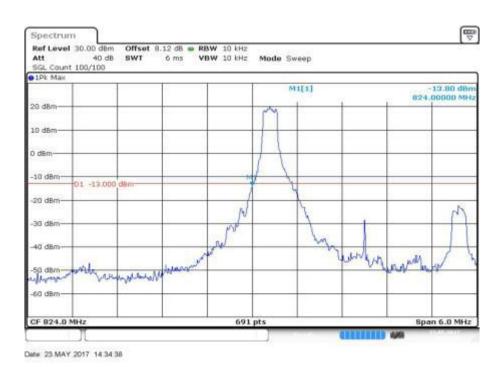
| Band frequ | Carrier | Channel (Low) | BW | RB Size | | Band EdgesPlot | |
|------------|--------------------|---------------|-----|------------|---|----------------|--------|
| | frequency (MHz) | | | | | QPSK | 16-QAM |
| | | | 5 3 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 825.5 | 20415 | | 1 | 5 | Fig.2 | Fig.6 |
| 3 | 823.3 | 20413 | | 3 | 2 | Fig.3 | Fig.7 |
| | | | | 6 | 0 | Fig.4 | Fig.8 |

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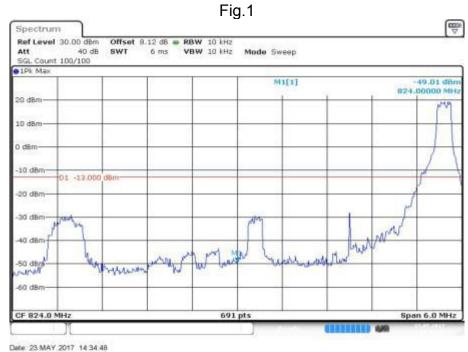
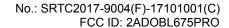
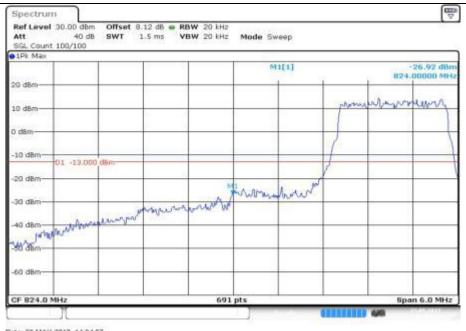


Fig.2

Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 14:34:57

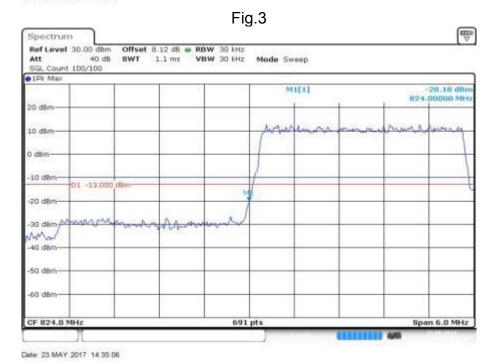
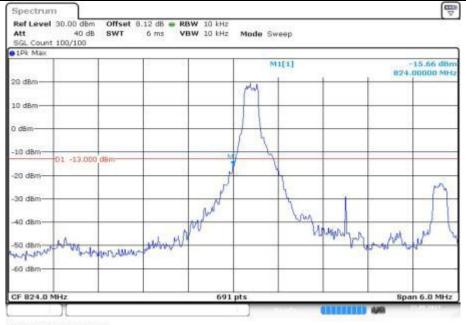


Fig.4







Date: 23 MAY 2017 14:35:15

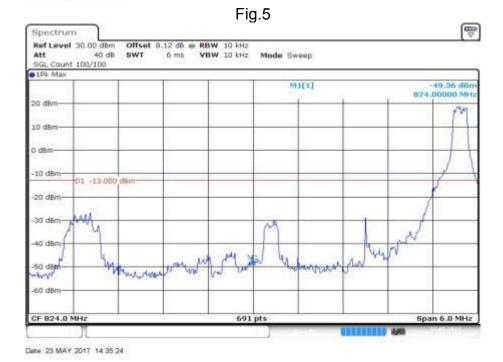


Fig.6





Date: 23 MAY 2017 14:35:34

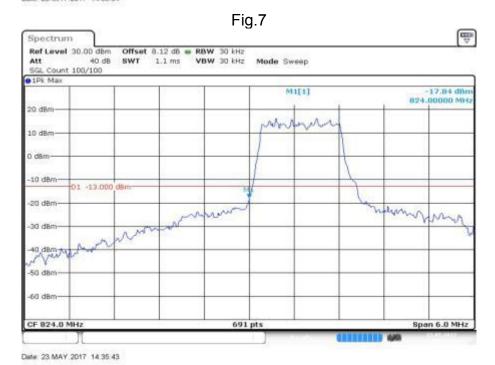
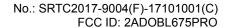


Fig.8

| Band freq | Carrier | Channel (High) | DW | BW RB Size | RB | Band EdgesPlot | |
|-----------|--------------------|----------------|-----|---------------|--------|----------------|--------|
| | frequency (MHz) | | DVV | | Offset | QPSK | 16-QAM |
| | | 20635 | 3 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 847.5 | | | 1 | 5 | Fig.2 | Fig.6 |
| 3 | 647.3 | | | 3 | 2 | Fig.3 | Fig.7 |
| | | | | 6 | 0 | Fig.4 | Fig.8 |

The State Radio_monitoring_center Testing Center (SRTC)



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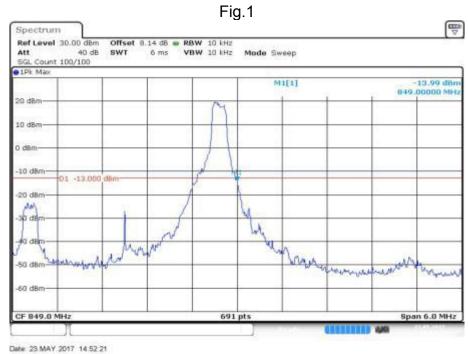
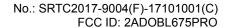


Fig.2

Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 14:52:30

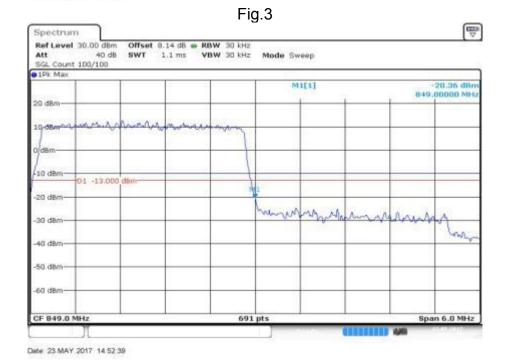
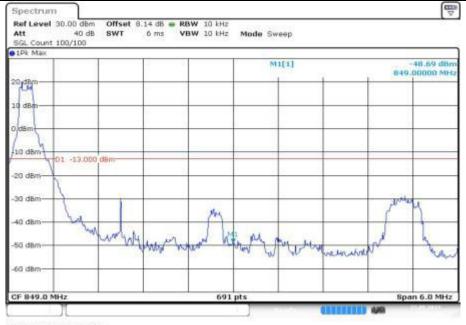


Fig.4

Fax: 86-10-5799 6288







Date: 23 MAY 2017 14:52:48

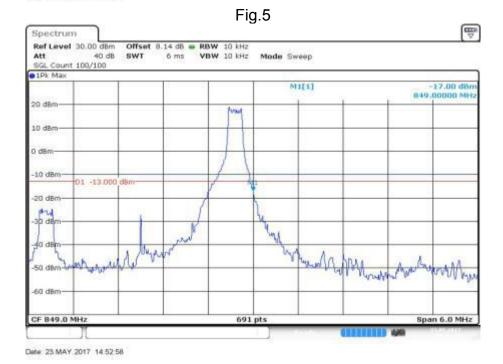
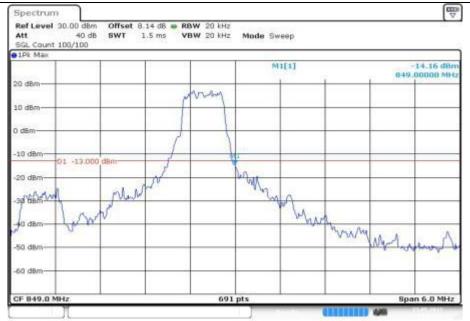


Fig.6





Date: 23 MAY 2017 14:53:07

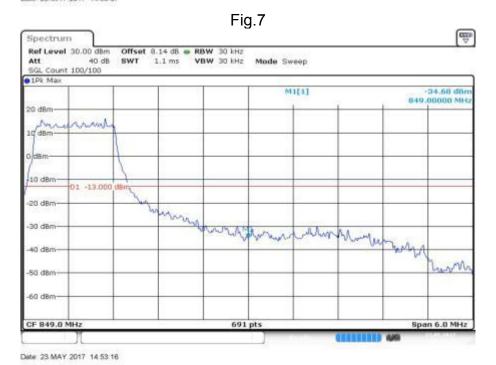


Fig.8

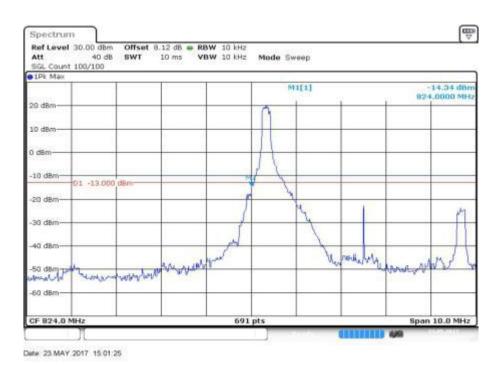
| Band frequ | Carrier | Channel (Low) BW | DW | RB | RB | Band EdgesPlot | |
|------------|--------------------|------------------|-----|------|--------|----------------|--------|
| | frequency (MHz) | | DVV | Size | Offset | QPSK | 16-QAM |
| | | 20425 | 5 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 826.5 | | | 1 | 24 | Fig.2 | Fig.6 |
| 3 | 820.3 | | | 12 | 6 | Fig.3 | Fig.7 |
| | | | | 25 | 0 | Fig.4 | Fig.8 |

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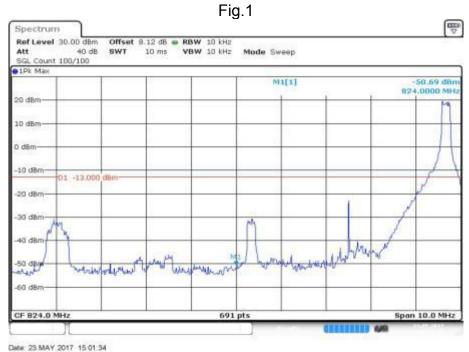
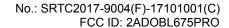


Fig.2

Fax: 86-10-5799 6288 20170915V1.1.0



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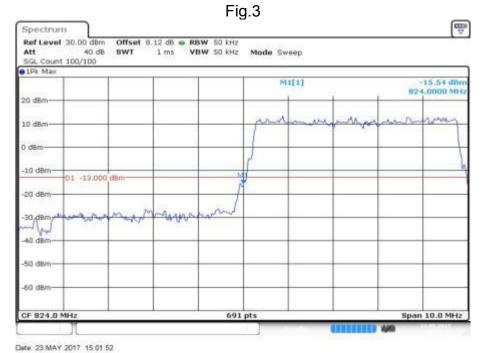
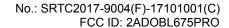
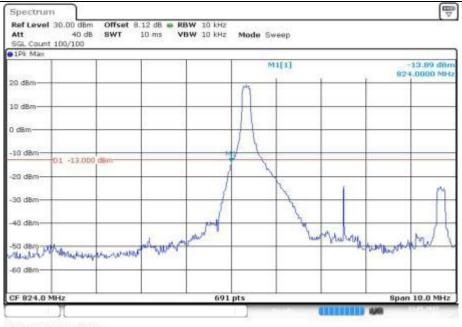


Fig.4

Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 15:02:02

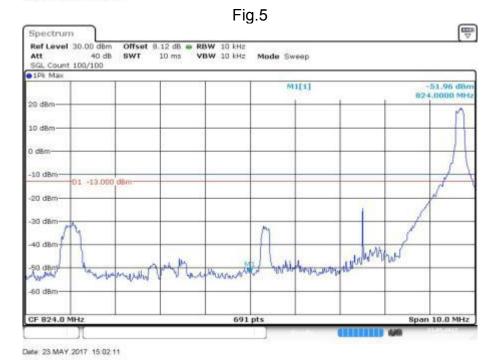


Fig.6







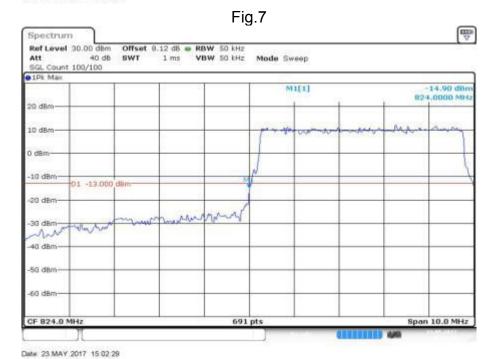


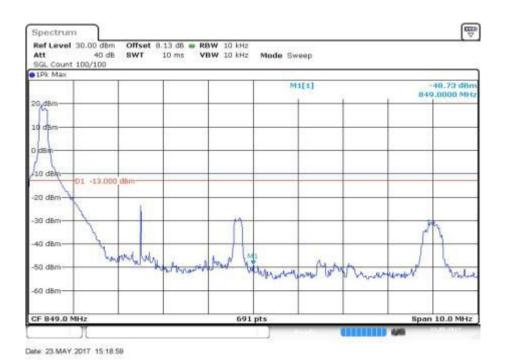
Fig.8

| Band frequen | Carrier | Channel (High) | DW | BW RB Size | RB | Band EdgesPlot | |
|--------------|---------|----------------|-----|------------|--------|----------------|--------|
| | (MHz) | | DVV | | Offset | QPSK | 16-QAM |
| | | | 5 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 846.5 | 20625 | | 1 | 24 | Fig.2 | Fig.6 |
| 3 | 840.3 | 20023 | | 12 | 6 | Fig.3 | Fig.7 |
| | | | | 25 | 0 | Fig.4 | Fig.8 |



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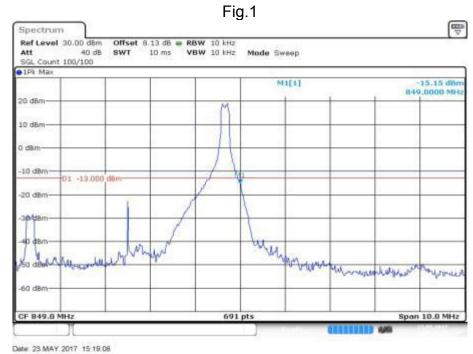
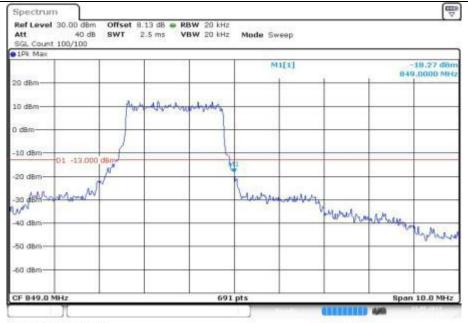


Fig.2

Tel: 86-10-5799 6181 Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 15:19:17

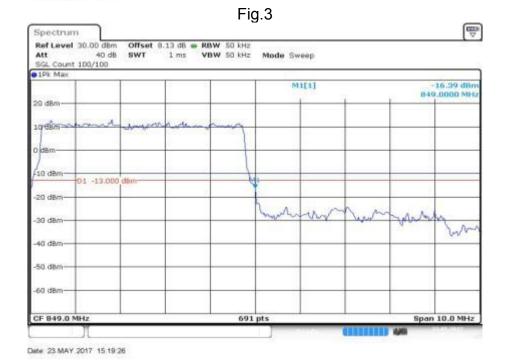
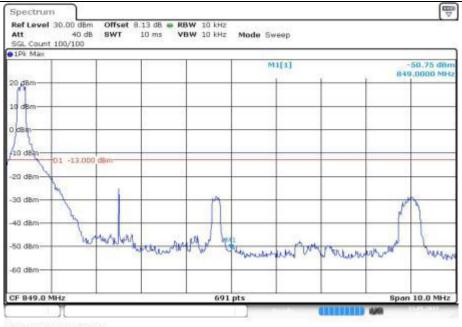


Fig.4







Date: 23 MAY 2017 15:19:36

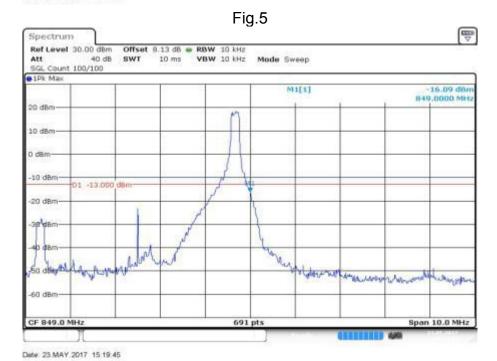
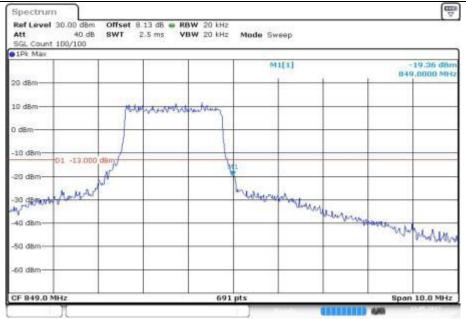


Fig.6





Date: 23 MAY 2017 15:19:54

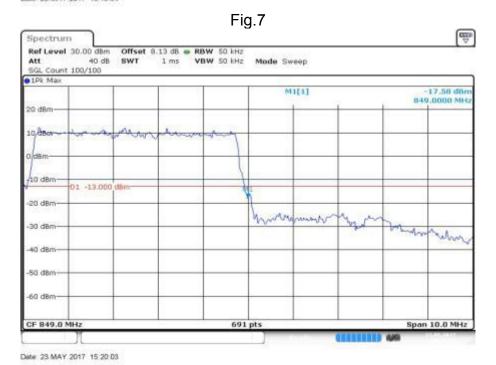
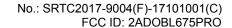


Fig.8

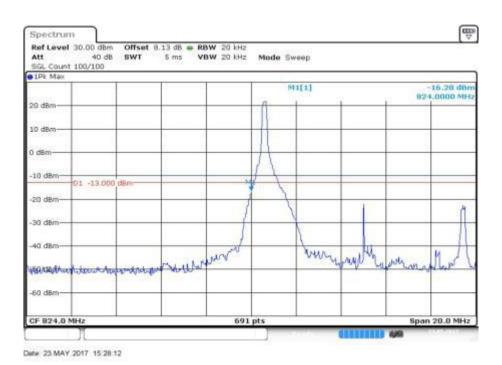
| Band fred | Carrier | Channel (Low) | BW | RB Size | RB Offset | Band EdgesPlot | |
|-----------|--------------------|---------------|----|------------|--------------|----------------|--------|
| | frequency (MHz) | | | | | QPSK | 16-QAM |
| | | 20450 | 10 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 829 | | | 1 | 49 | Fig.2 | Fig.6 |
| 3 | 829 | | | 24 | 12 | Fig.3 | Fig.7 |
| | | | | 50 | 0 | Fig.4 | Fig.8 |

The State Radio_monitoring_center Testing Center (SRTC)



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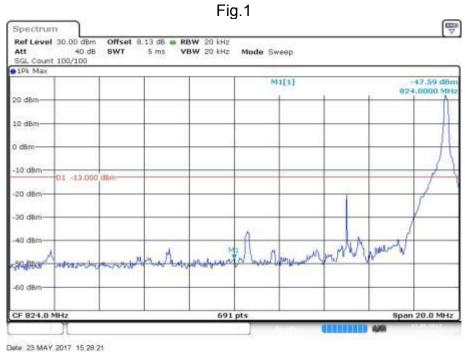
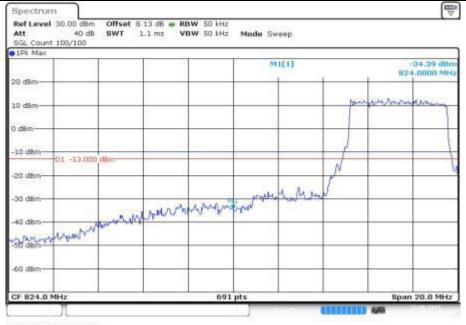


Fig.2

Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 15:28:31

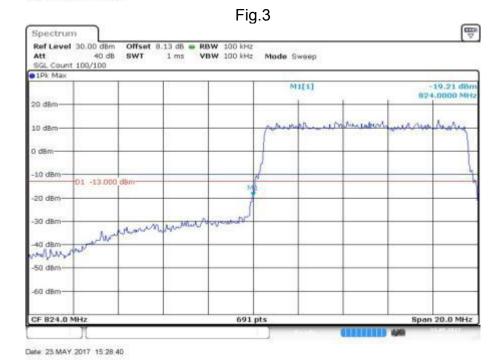
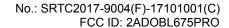
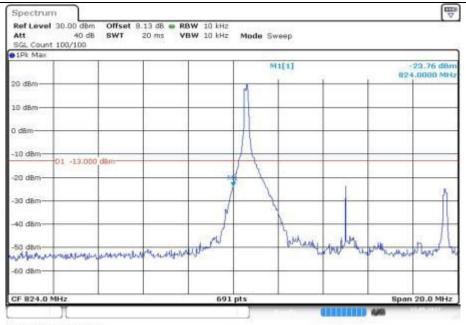


Fig.4







Date: 23 MAY 2017 15:28:52

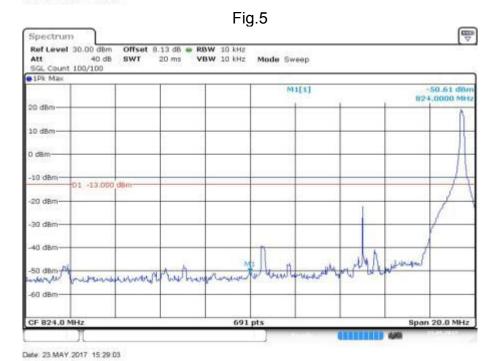
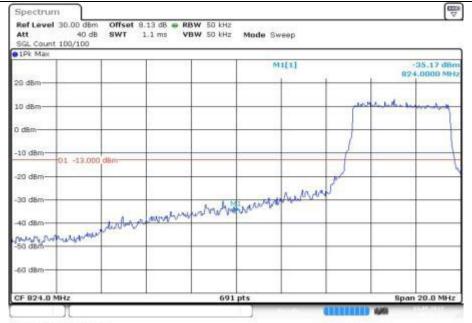


Fig.6





Date: 23 MAY 2017 15:29:13

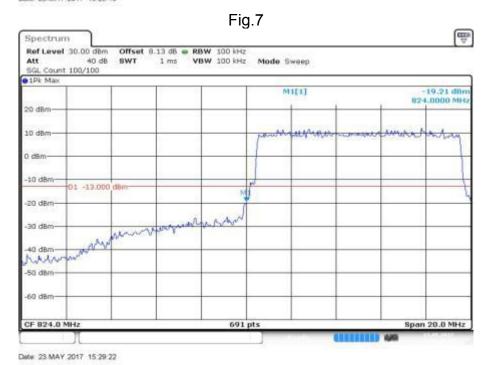


Fig.8

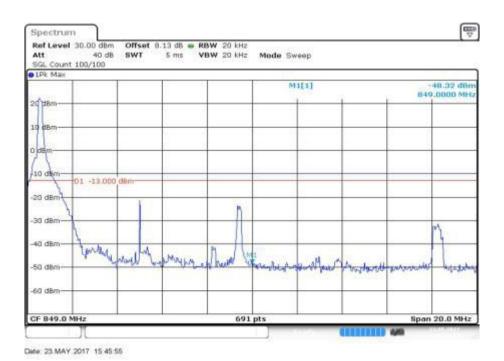
| Band Carrier frequency (MHz) | | Channel (High) | RB | RB | Band EdgesPlot | | |
|------------------------------|-----|----------------|-----|------|----------------|-------|--------|
| | | | DVV | Size | Offset | QPSK | 16-QAM |
| | | 20600 | 10 | 1 | 0 | Fig.1 | Fig.5 |
| 5 | 844 | | | 1 | 49 | Fig.2 | Fig.6 |
| 3 | 044 | | | 24 | 12 | Fig.3 | Fig.7 |
| | | | | 50 | 0 | Fig.4 | Fig.8 |

The State Radio_monitoring_center Testing Center (SRTC)



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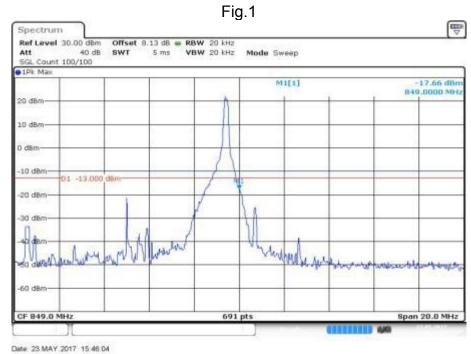
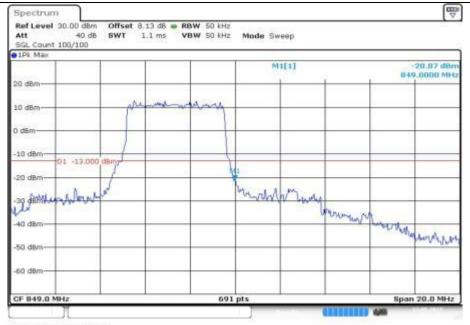


Fig.2

Fax: 86-10-5799 6288 20170915V1.1.0







Date: 23 MAY 2017 15:46:14

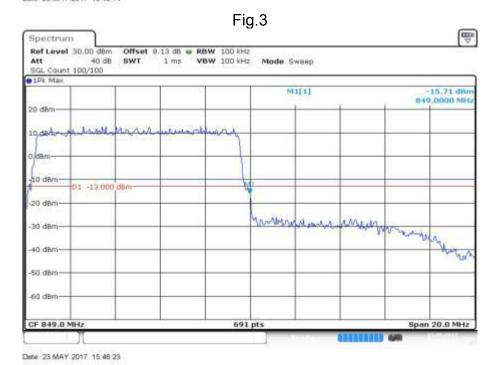
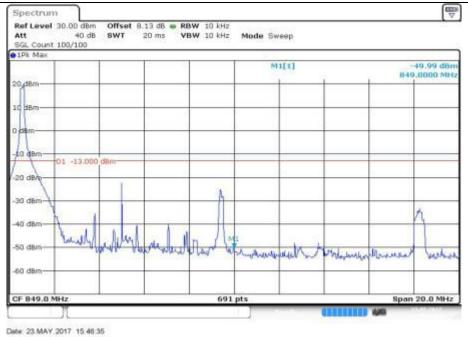


Fig.4







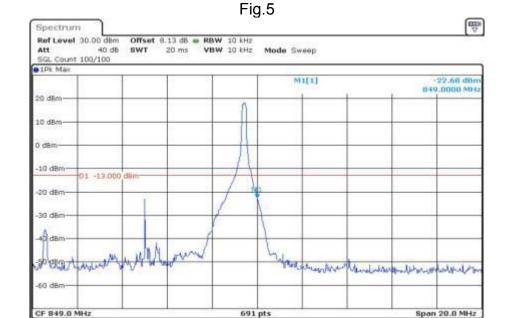
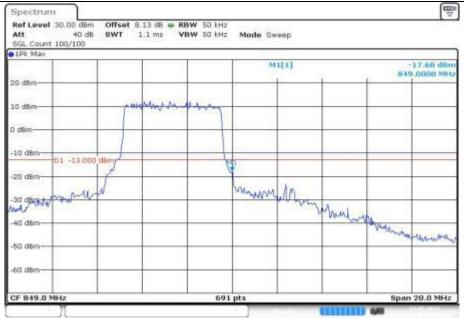


Fig.6

Date: 23 MAY 2017 15:46:46





Date: 23 MAY 2017 15:46:56

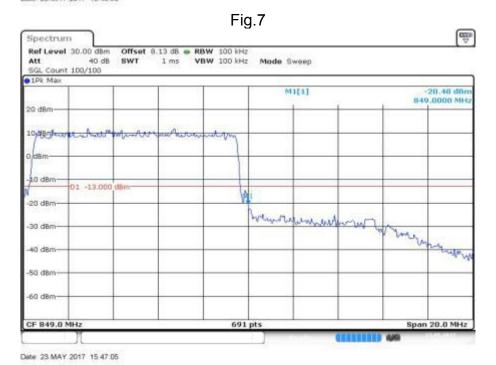
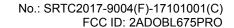


Fig.8

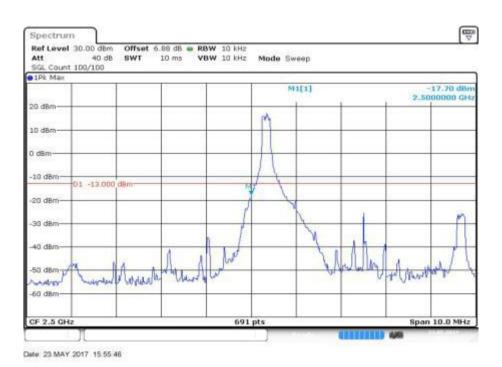
| Band fi | Carrier | Channel | I RW I | RB Size (| RB | Band EdgesPlot | |
|---------|--------------------|---------|--------|--------------|--------|----------------|--------|
| | frequency (MHz) | (Low) | | | Offset | QPSK | 16-QAM |
| | | 20775 | 5 | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2502.5 | | | 1 | 24 | Fig.2 | Fig.6 |
| | 2302.3 | | | 12 | 6 | Fig.3 | Fig.7 |
| | | | | 25 | 0 | Fig.4 | Fig.8 |

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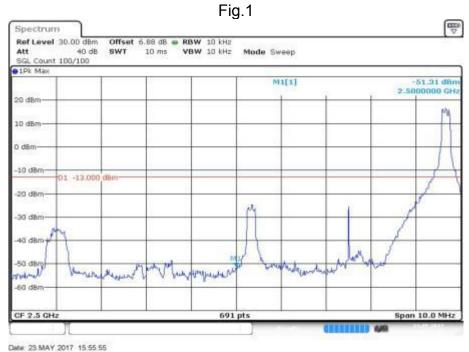
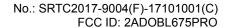
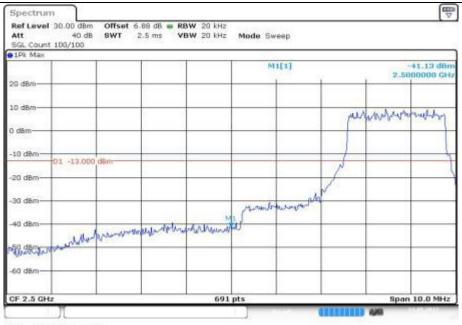


Fig.2

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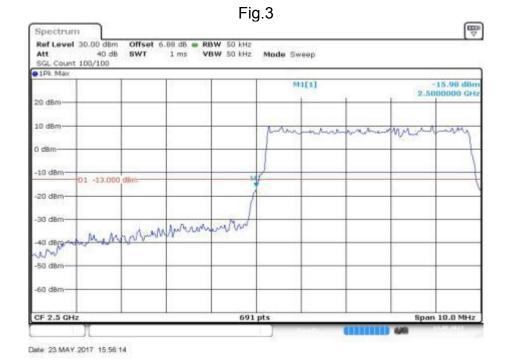
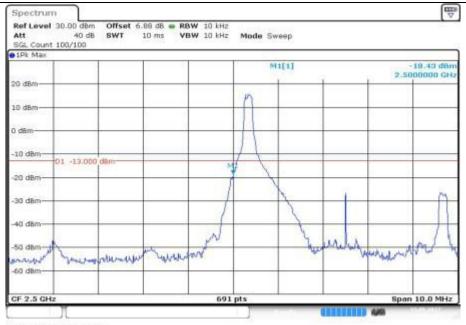


Fig.4







Date: 23 MAY 2017 15:56:23

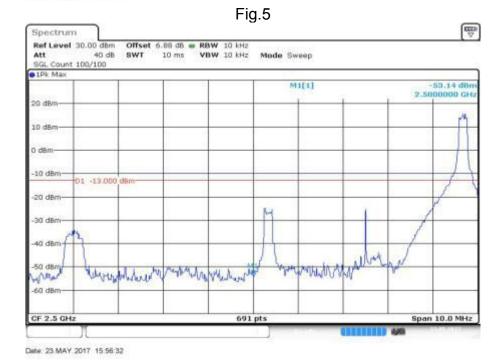
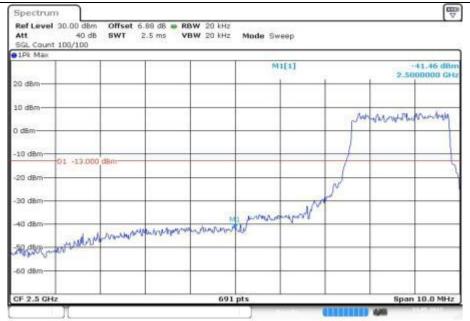


Fig.6





Date: 23 MAY 2017 15:56:41

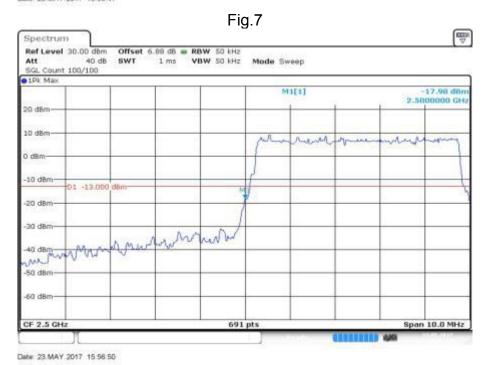
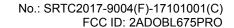


Fig.8

| Band | Carrier | Channel | BW | RB Size | RB | Band EdgesPlot | |
|----------|---------------------|---------|-----|------------|--------|----------------|--------|
| Dariu | Band frequency (Hig | (High) | DVV | | Offset | QPSK | 16-QAM |
| | | 21.425 | _ | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2567.5 | | | 1 | 24 | Fig.2 | Fig.6 |
| 7 2307.3 | 21425 | 3 | 12 | 6 | Fig.3 | Fig.7 | |
| | | | 25 | 0 | Fig.4 | Fig.8 | |

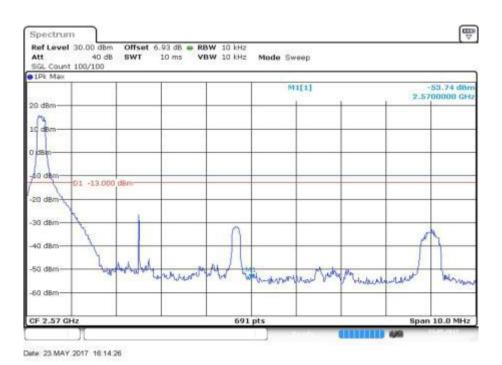
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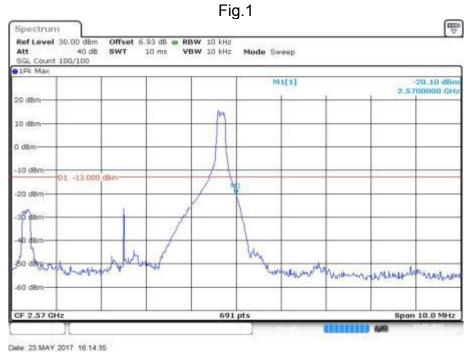


Fig.2







Date: 23 MAY 2017 16:14:44

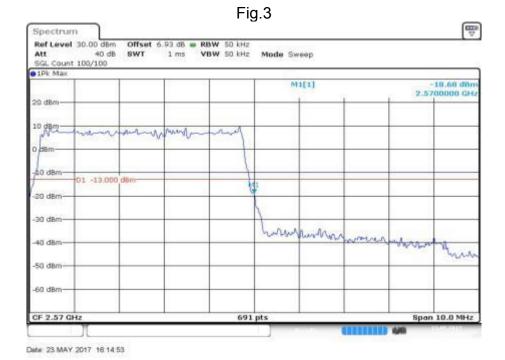


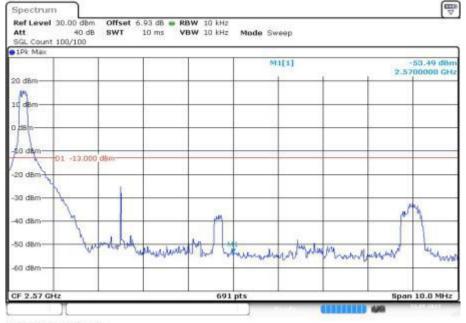
Fig.4

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20170915V1.1.0







Date: 23 MAY 2017 16:15:03

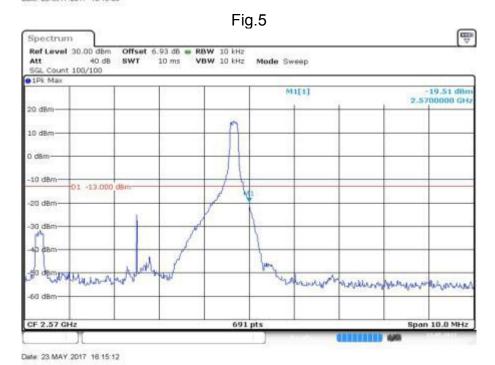
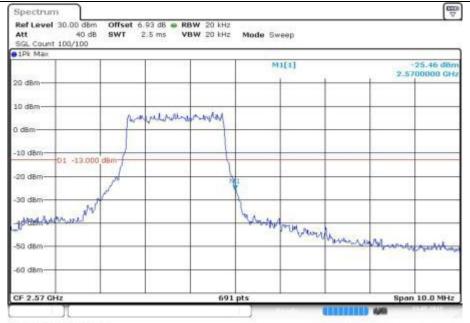


Fig.6

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Date: 23 MAY 2017 16:15:21

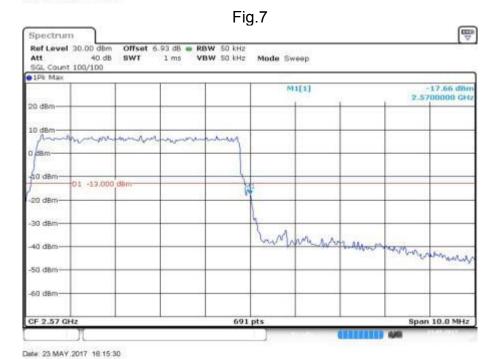


Fig.8

| Band | Carrier | Channel | BW | RB Size | RB Offset | Band EdgesPlot | |
|--------|--------------------|---------|-----|------------|--------------|----------------|--------|
| Danu | nd frequency (Low) | (Low) | DVV | | | QPSK | 16-QAM |
| | | 20000 | 10 | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2505 | | | 1 | 49 | Fig.2 | Fig.6 |
| 7 2303 | 20800 | 10 | 24 | 12 | Fig.3 | Fig.7 | |
| | | | 50 | 0 | Fig.4 | Fig.8 | |

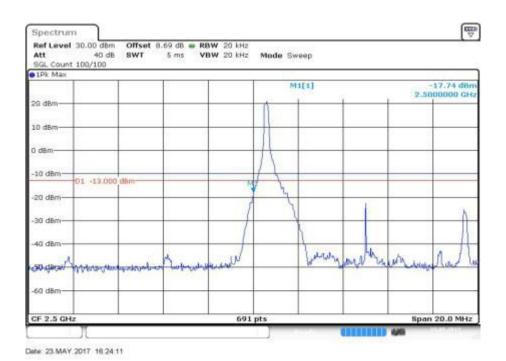
The State Radio_monitoring_center Testing Center (SRTC)

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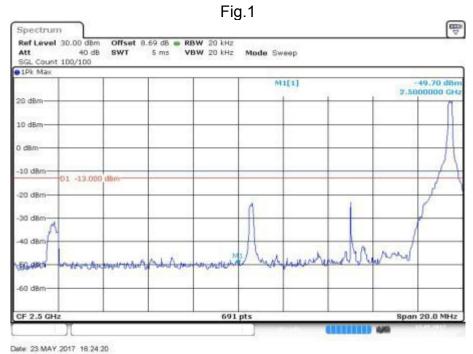
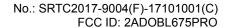
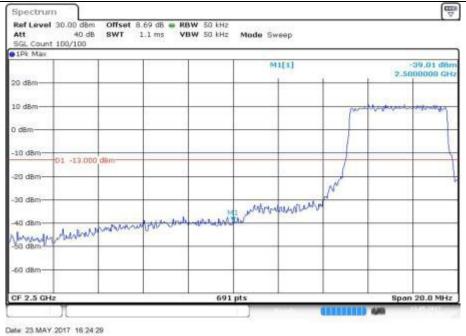


Fig.2







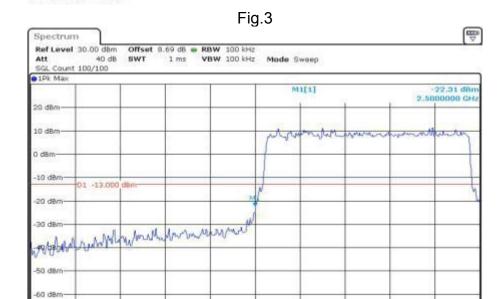


Fig.4

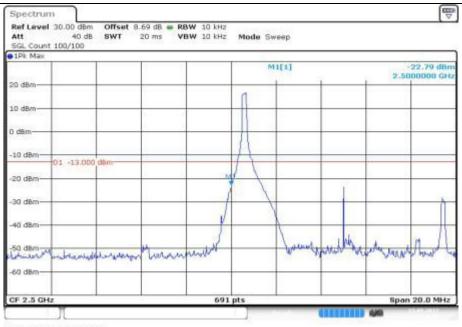
691 pts

Date: 23 MAY 2017 16:24:38

Span 20.0 MHz







Date: 23 MAY 2017 16:24:50

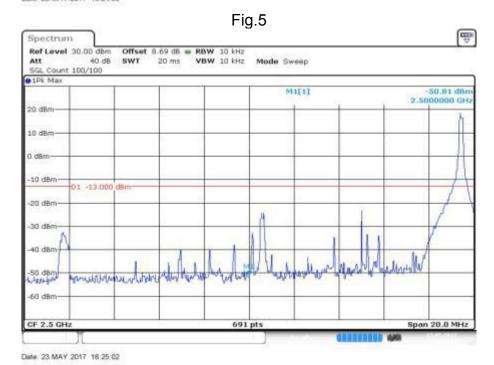
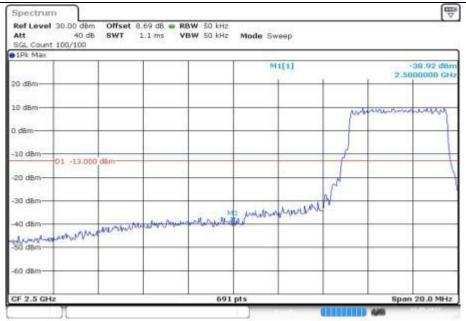


Fig.6





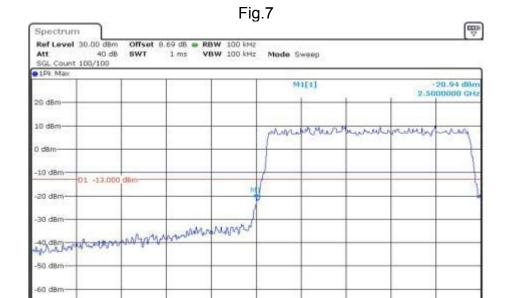


Fig.8

691 pts

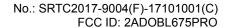
| Band | Carrier | Channel | BW | RB | RB | Band EdgesPlot | |
|--------|---------------------|---------|-----|------|--------|----------------|--------|
| Dariu | Band frequency (H | (High) | DVV | Size | Offset | QPSK | 16-QAM |
| | | 5 21400 | 10 | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2565 | | | 1 | 49 | Fig.2 | Fig.6 |
| 7 2303 | 2303 | | 10 | 24 | 12 | Fig.3 | Fig.7 |
| | | | | 50 | 0 | Fig.4 | Fig.8 |

The State Radio_monitoring_center Testing Center (SRTC)

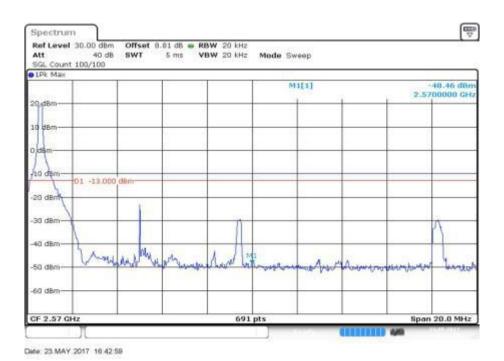
Date: 23 MAY 2017 16:25:20

Date: 23 MAY 2017 16:25:11

Tel: 86-10-5799 6181 Fax: 86-10-5799 6288 Span 20.0 MHz







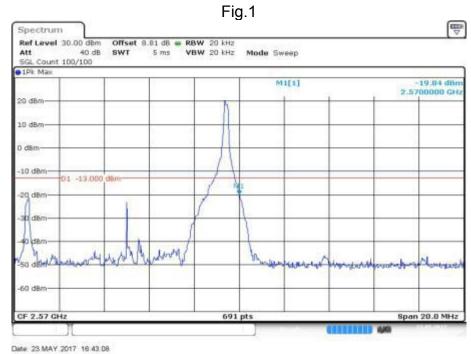
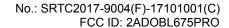


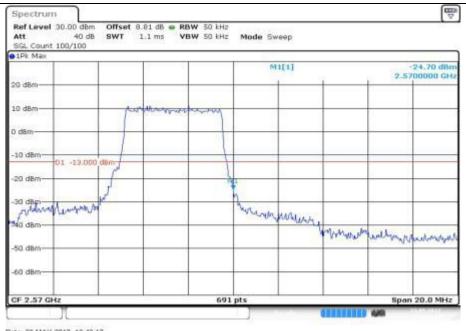
Fig.2

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Date: 23 MAY 2017 16:43:17

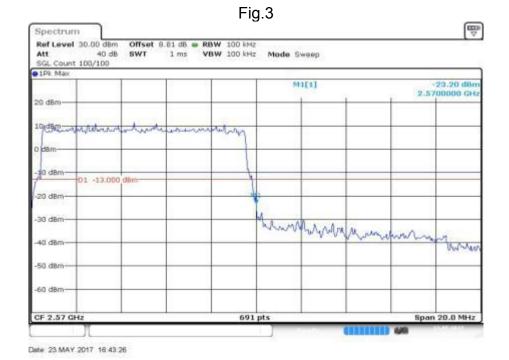
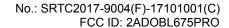


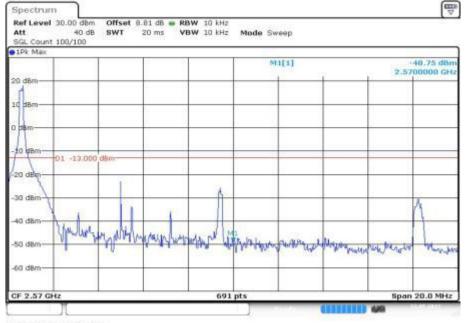
Fig.4

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Date: 23 MAY 2017 16 43 38

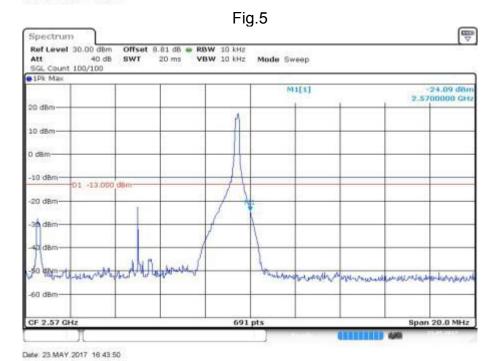
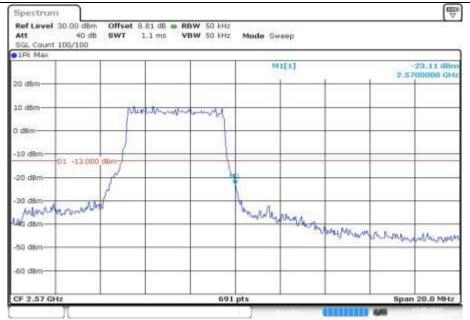


Fig.6

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Date: 23 MAY 2017 16:43:59

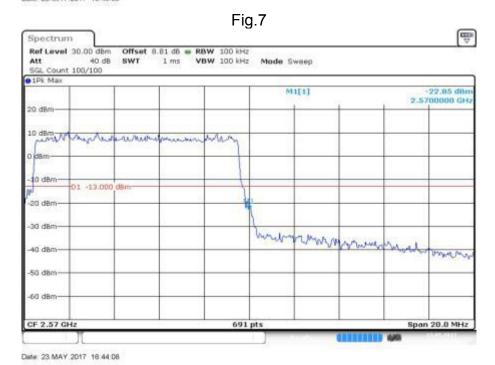
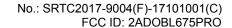


Fig.8

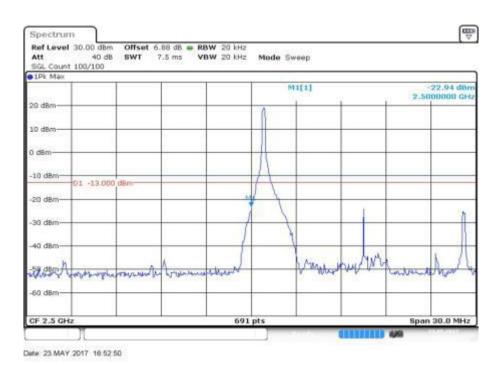
| Band | Carrier | Channel | BW | RB | RB | Band EdgesPlot | |
|----------|-----------------|---------|------|--------|-------|----------------|-------|
| Dariu | frequency (Low) | DVV | Size | Offset | QPSK | 16-QAM | |
| | | 20925 | 1.5 | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2507.5 | | | 1 | 74 | Fig.2 | Fig.6 |
| 7 2307.3 | 20825 | 15 | 40 | 18 | Fig.3 | Fig.7 | |
| | | | 75 | 0 | Fig.4 | Fig.8 | |

The State Radio_monitoring_center Testing Center (SRTC)

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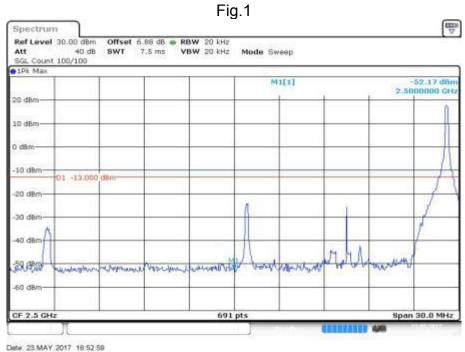
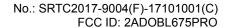


Fig.2

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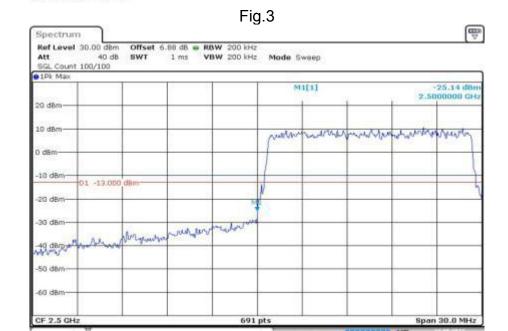


Fig.4

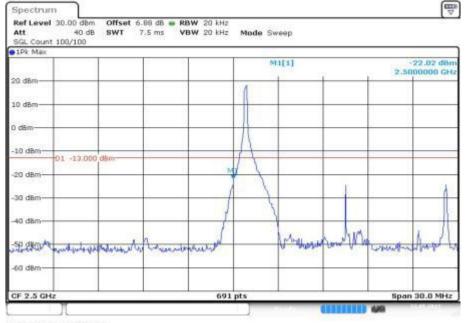
Date: 23.MAY.2017 16:53:18

20170915V1.1.0

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Date: 23.MAY.2017 16:53:27

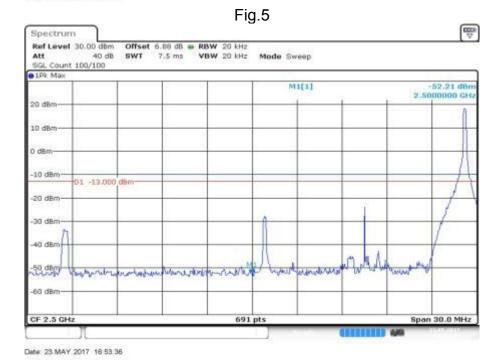
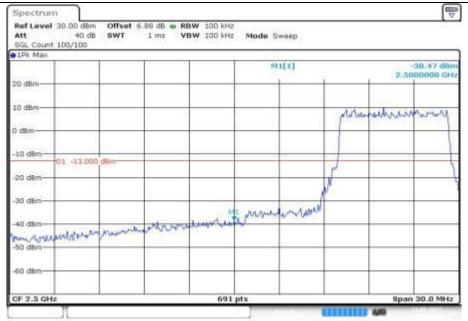


Fig.6

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Date: 23 MAY 2017 16:53:45

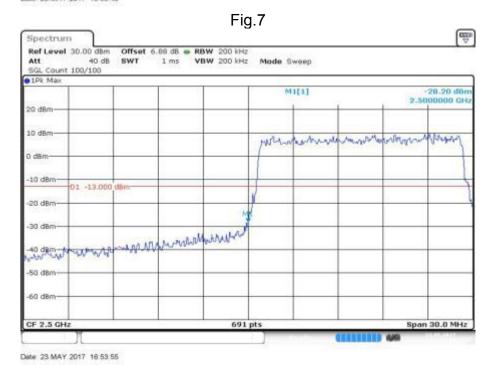
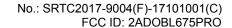


Fig.8

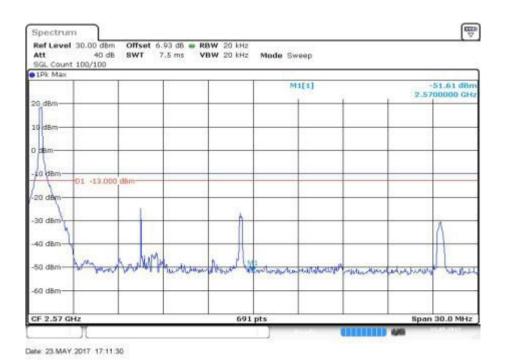
| Por | ad | Carrier | Channel | BW | RB | RB | Band EdgesPlot | |
|-----|--------------------|---------|---------|------|--------|-------|----------------|-------|
| Dai | and frequency (Hig | (High) | DVV | Size | Offset | QPSK | 16-QAM | |
| | | | | 1 | 0 | Fig.1 | Fig.5 | |
| 7 | | 2562.5 | 21275 | 1.5 | 1 | 74 | Fig.2 | Fig.6 |
| / | | 2302.3 | 21375 | 15 | 40 | 18 | Fig.3 | Fig.7 |
| | | | | | 75 | 0 | Fig.4 | Fig.8 |

The State Radio_monitoring_center Testing Center (SRTC)

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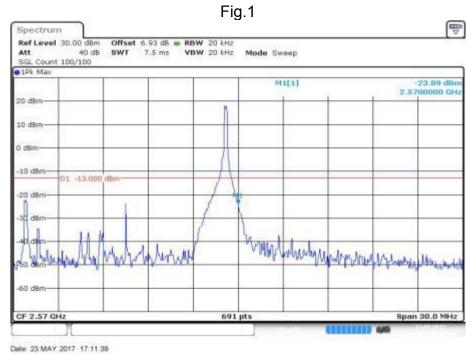


Fig.2

20170915V1.1.0

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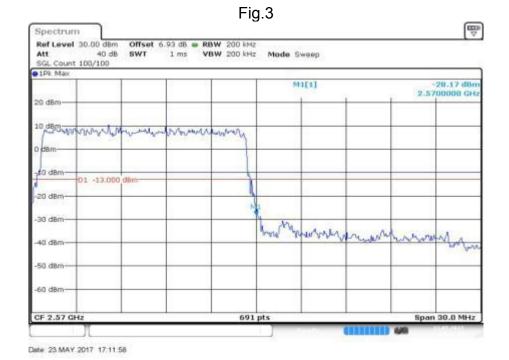
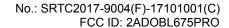
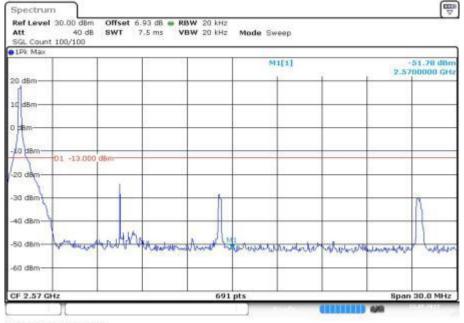


Fig.4



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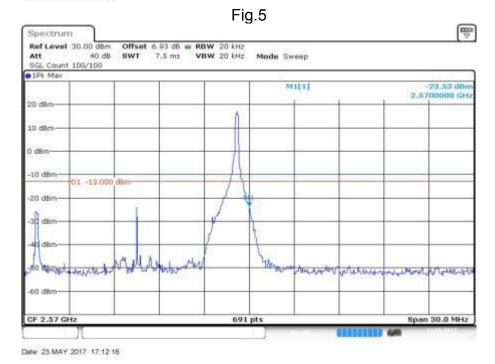
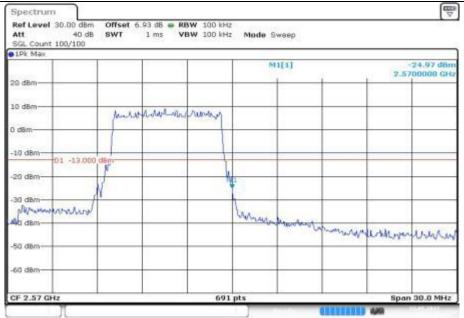


Fig.6





Date: 23 MAY 2017 17:12:26

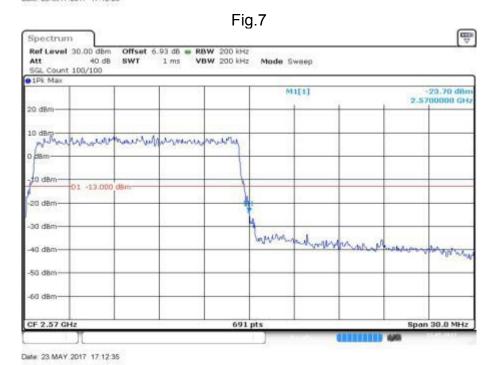
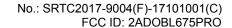


Fig.8

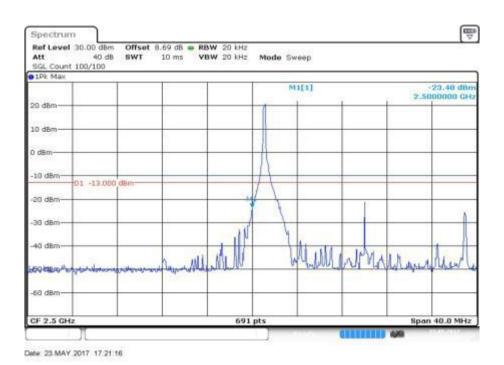
| Band | Carrier | Channel | BW | RB Size | RB | Band EdgesPlot | |
|--------|-----------------|---------|-----|------------|--------|----------------|--------|
| Danu | frequency (Low) | (Low) | DVV | | Offset | QPSK | 16-QAM |
| | | 20050 | 20 | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2510 | | | 1 | 99 | Fig.2 | Fig.6 |
| / 2310 | 20850 | 20 | 50 | 25 | Fig.3 | Fig.7 | |
| | | | 100 | 0 | Fig.4 | Fig.8 | |

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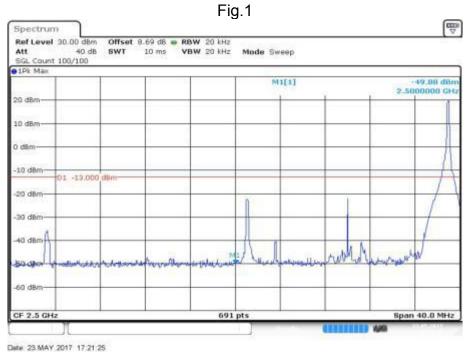
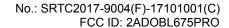


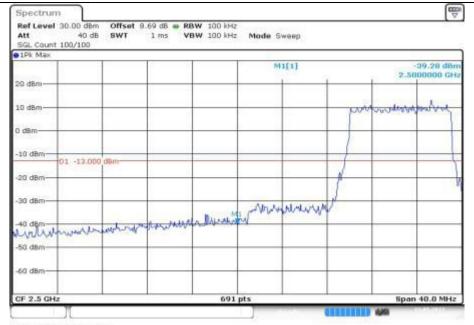
Fig.2

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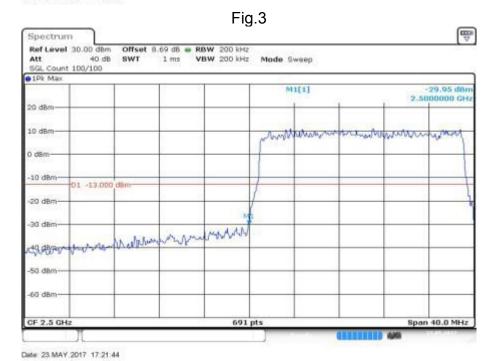
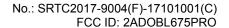


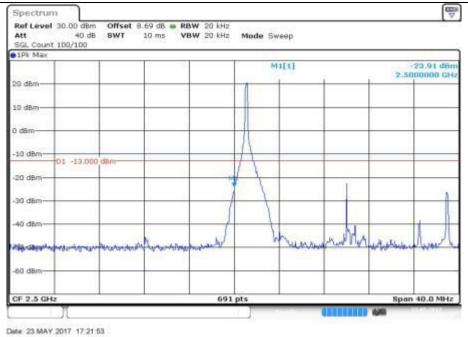
Fig.4

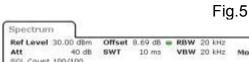
Page number: 935 of 956

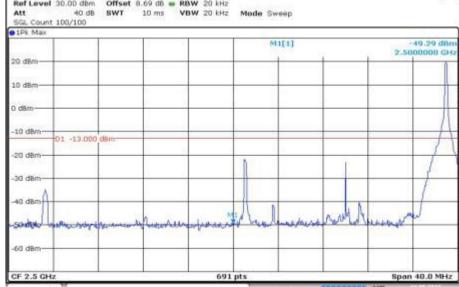
20170915V1.1.0







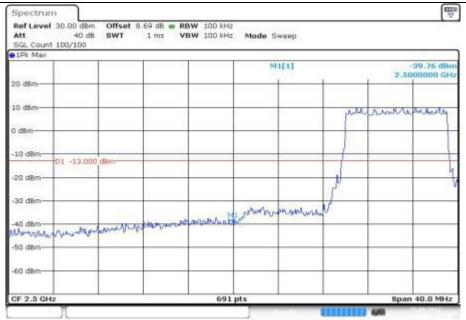




Date: 23 MAY 2017 17:22:02

Fig.6





Date: 23.MAY.2017 17:22:12

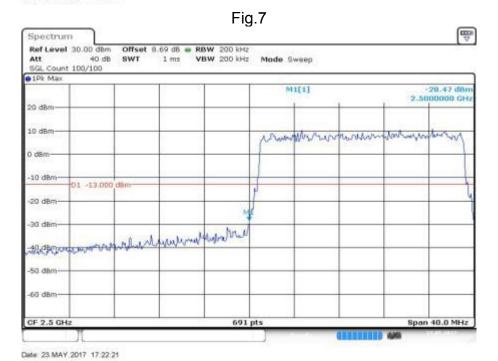
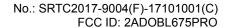


Fig.8

| Band | Carrier | Channel | BW | ,, RB | RB | Band EdgesPlot | |
|--------|------------------|---------|------|--------|-------|----------------|-------|
| Dariu | frequency (High) | DVV | Size | Offset | QPSK | 16-QAM | |
| | | 21250 | 20 | 1 | 0 | Fig.1 | Fig.5 |
| 7 | 2560 | | | 1 | 99 | Fig.2 | Fig.6 |
| / 2300 | 21350 | 20 | 50 | 25 | Fig.3 | Fig.7 | |
| | | | | 100 | 0 | Fig.4 | Fig.8 |

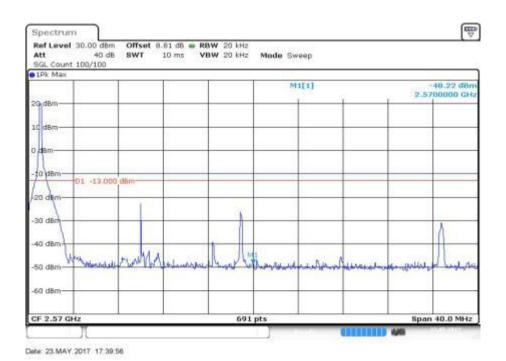
The State Radio_monitoring_center Testing Center (SRTC)

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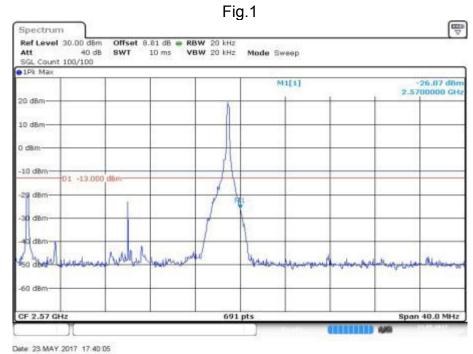
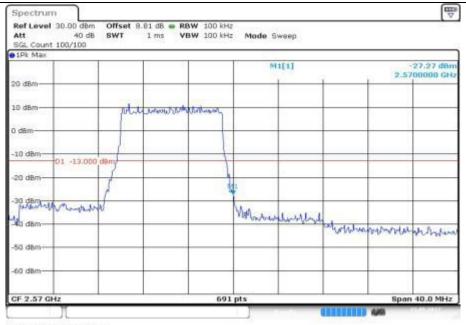


Fig.2







Date: 23 MAY 2017 17:40:15

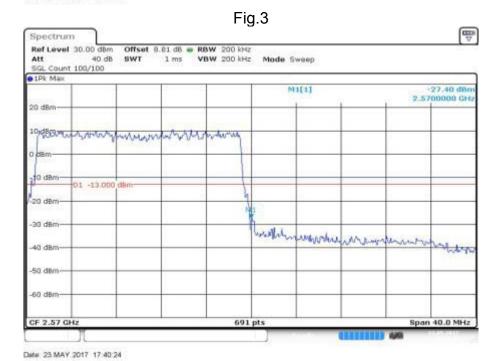
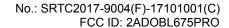
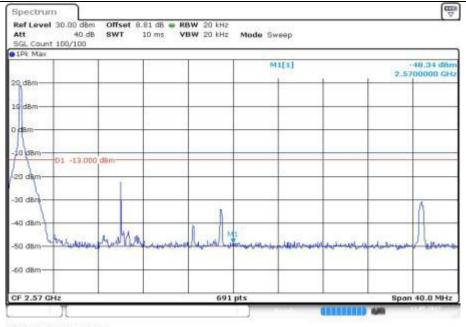


Fig.4







Date: 23 MAY 2017 17:40:33

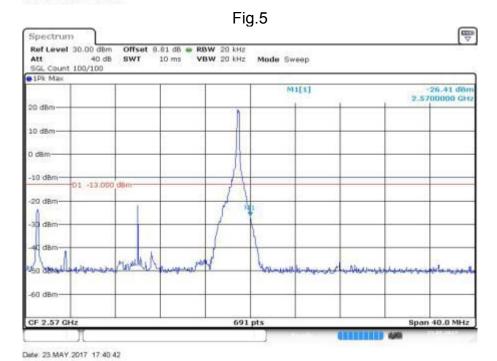
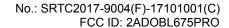
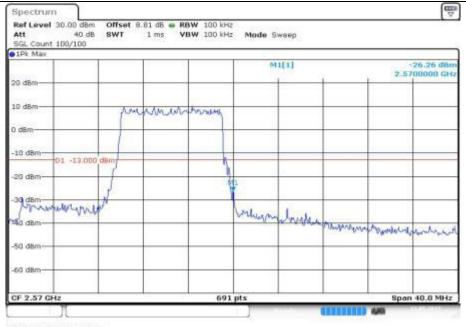


Fig.6







Date: 23 MAY 2017 17:40:51

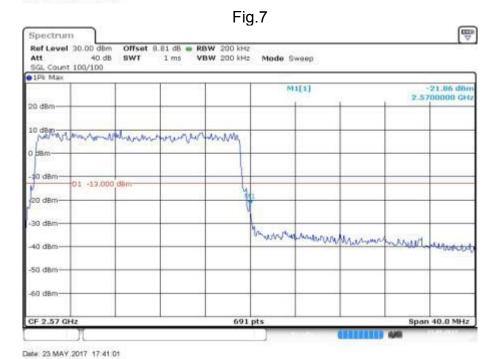


Fig.8

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20170915V1.1.0

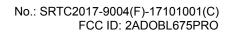


7 Frequency Stability-FCC Part 2.1055/27.54

Test result:

| Test result Band | BW | Test Resu | ult (ppm)@NV | | Test Result (ppm)@NT |
|-------------------|-----|-----------|--------------|----|----------------------|
| | | Tempe | erature(°C) | | Voltage |
| | | -30 | 0.005 | LV | 0.010 |
| | | -20 | -0.001 | | |
| | | -10 | -0.012 | | |
| | | 0 | 0.016 | | |
| | 1.4 | 10 | 0.044 | | |
| | | 20 | -0.006 | HV | 0.001 |
| | | 30 | -0.002 | | |
| | | 40 | -0.008 | | |
| | | 50 | 0.004 | | |
| | | -30 | 0.000 | LV | -0.002 |
| | | -20 | -0.001 | | |
| | | -10 | 0.004 | | |
| | | 0 | -0.001 | | |
| | 3 | 10 | 0.005 | | |
| | | 20 | -0.002 | HV | -0.002 |
| 2 | | 30 | -0.003 | | |
| | | 40 | -0.003 | | |
| | | 50 | 0.001 | | |
| | | -30 | -0.009 | LV | 0.000 |
| | | -20 | -0.005 | | |
| | | -10 | -0.001 | | |
| | | 0 | -0.002 | | |
| | 5 | 10 | -0.001 | | |
| | | 20 | -0.002 | HV | -0.001 |
| | | 30 | -0.002 | | |
| | | 40 | -0.001 | | |
| | | 50 | 0.000 | | |
| | | -30 | -0.002 | LV | -0.002 |
| | 10 | -20 | -0.007 | | |
| | | -10 | -0.001 | | |

Fax: 86-10-5799 6288

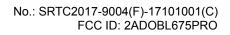




| | 0 | -0.002 | | |
|----|-----|--------|----|--------|
| | 10 | -0.001 | | |
| | 20 | 0.000 | HV | 0.000 |
| | 30 | -0.002 | | |
| | 40 | 0.000 | | |
| | 50 | -0.002 | | |
| | -30 | -0.003 | LV | -0.001 |
| | -20 | -0.003 | | |
| | -10 | -0.001 | | |
| | 0 | 0.000 | | |
| 15 | 10 | -0.002 | | |
| | 20 | 0.001 | HV | 0.000 |
| | 30 | -0.001 | | |
| | 40 | 0.000 | | |
| | 50 | 0.003 | | |
| | -30 | -0.002 | LV | -0.001 |
| | -20 | 0.000 | | |
| | -10 | -0.001 | | |
| | 0 | -0.002 | | |
| 20 | 10 | -0.003 | | |
| | 20 | -0.002 | HV | 0.000 |
| | 30 | -0.002 | | |
| | 40 | 0.000 | | |
| | 50 | -0.005 | | |

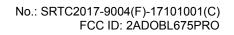
| Band BW | | Test Resu | ult (ppm)@NV | Test Result (ppm)@NT | | |
|---------|-----|-----------|--------------|----------------------|-------|--|
| | | Tempe | erature(°C) | Voltage | | |
| | | -30 | -0.001 | LV | 0.000 | |
| | | -20 | -0.003 | | | |
| | | -10 | 0.001 | | | |
| | | 0 | -0.001 | | | |
| 4 | 1.4 | 10 | -0.001 | | | |
| | | 20 | -0.001 | HV | 0.000 | |
| | | 30 | -0.002 | | | |
| | | 40 | 0.000 | | | |
| | | 50 | 0.000 | | | |

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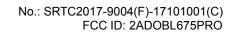
| | \neg | 2.0 | | | |
|---|--------|-----|--------|----|--------|
| 1 | | -30 | 0.001 | LV | -0.001 |
| | | -20 | -0.011 | | |
| | - | -10 | 0.001 | - | |
| | - | 0 | 0.000 | | |
| | 3 | 10 | 0.001 | | |
| | - | 20 | -0.001 | HV | 0.001 |
| | | 30 | -0.001 | | |
| | | 40 | 0.003 | | |
| | | 50 | -0.006 | | |
| | | -30 | -0.001 | LV | 0.000 |
| | | -20 | 0.001 | | |
| | | -10 | 0.000 | | |
| | | 0 | 0.000 | 1 | |
| | 5 | 10 | -0.003 | 1 | |
| | | 20 | 0.002 | HV | 0.001 |
| | | 30 | 0.000 | | |
| | | 40 | 0.000 | | |
| | ļ | 50 | 0.005 | | |
| | | -30 | -0.001 | LV | 0.001 |
| | | -20 | 0.000 | | |
| | - | -10 | -0.001 | - | |
| | - | 0 | 0.002 | 1 | |
| | 10 | 10 | -0.001 | 1 | |
| | | 20 | 0.000 | HV | 0.000 |
| | | 30 | -0.001 | 1 | |
| | | 40 | 0.000 | | |
| | | 50 | 0.006 | | |
| | | -30 | 0.000 | LV | 0.000 |
| | | -20 | 0.001 | | |
| | | -10 | 0.034 | | |
| | | 0 | 0.002 | | |
| | 15 | 10 | 0.001 | | |
| | | 20 | -0.003 | HV | -0.001 |
| | | 30 | 0.000 | | |
| | | 40 | 0.001 | | |
| | | 50 | -0.002 | | |





| | -30 | 0.002 | LV | 0.000 |
|----|-----|--------|----|--------|
| | -20 | 0.001 | | |
| | -10 | 0.000 | | |
| | 0 | 0.001 | | |
| 20 | 10 | 0.000 | | |
| | 20 | -0.001 | HV | -0.001 |
| | 30 | -0.001 | | |
| | 40 | 0.000 | | |
| | 50 | 0.001 | | |

| Band | BW | Test Resu | ult (ppm)@NV | Test Result (ppm)@NT | | |
|------|-----|-----------|--------------|----------------------|--------|--|
| | | | erature(°C) | Voltage | | |
| | | -30 | -0.002 | LV | 0.001 | |
| | | -20 | 0.000 | | | |
| | | -10 | 0.004 | | | |
| | | 0 | 0.002 | | | |
| | 1.4 | 10 | 0.001 | | | |
| | | 20 | -0.002 | HV | 0.000 | |
| | | 30 | -0.001 | | | |
| | | 40 | -0.003 | | | |
| | | 50 | 0.002 | | | |
| | | -30 | 0.004 | LV | 0.001 | |
| | | -20 | 0.000 | | | |
| 5 | | -10 | 0.002 | | | |
| 3 | | 0 | 0.003 | | | |
| | 3 | 10 | -0.001 | | | |
| | | 20 | 0.006 | HV | -0.001 | |
| | | 30 | -0.002 | | | |
| | | 40 | 0.001 | | | |
| | | 50 | -0.003 | | | |
| | | -30 | -0.001 | LV | -0.001 | |
| | | -20 | -0.001 | | | |
| | 5 | -10 | 0.002 | | | |
| | 3 | 0 | -0.002 | | | |
| | | 10 | 0.000 | | | |
| | | 20 | -0.002 | HV | -0.004 | |

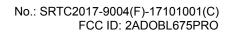




| | 30 | -0.005 | | |
|----|-----|--------|----|--------|
| | 40 | -0.002 | | |
| | 50 | -0.003 | | |
| | -30 | 0.000 | LV | -0.001 |
| | -20 | -0.001 | | |
| | -10 | 0.000 | | |
| | 0 | 0.002 | | |
| 10 | 10 | 0.001 | | |
| | 20 | 0.002 | HV | -0.002 |
| | 30 | 0.001 | | |
| | 40 | 0.001 | | |
| | 50 | 0.001 | | |

| Band | BW | Test Resi | ult (ppm)@NV | Test Result (ppm)@NT | | |
|------|----|-----------|--------------|----------------------|---------|--|
| | | Tempe | erature(°C) | | Voltage | |
| | | -30 | 0.002 | LV | 0.000 | |
| | | -20 | -0.001 | | | |
| | | -10 | -0.002 | | | |
| | | 0 | 0.001 | | | |
| | 5 | 10 | 0.002 | | | |
| | | 20 | -0.001 | HV | -0.002 | |
| | | 30 | 0.002 | | | |
| | | 40 | 0.002 | | | |
| | | 50 | -0.002 | | | |
| | | -30 | 0.002 | LV | 0.001 | |
| 7 | | -20 | 0.000 | | | |
| | | -10 | 0.000 | | | |
| | | 0 | 0.002 | | | |
| | 10 | 10 | 0.002 | | | |
| | | 20 | -0.001 | HV | -0.002 | |
| | | 30 | 0.000 | | | |
| | | 40 | 0.000 | | | |
| | | 50 | 0.007 | | | |
| | | -30 | 0.003 | LV | -0.001 | |
| | 15 | -20 | 0.001 | | | |
| | | -10 | 0.001 | | | |

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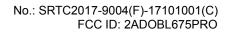


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|------------|----------|-----|--------|----|--------|
| | | 0 | 0.000 | | |
| | | 10 | 0.002 | | |
| | | 20 | 0.002 | HV | 0.000 |
| | | 30 | 0.000 | | |
| | | 40 | 0.000 | | |
| | | 50 | 0.007 | | |
| | | -30 | 0.000 | LV | -0.001 |
| | | -20 | 0.002 | | |
| | | -10 | 0.003 | | |
| | | 0 | 0.001 | | |
| | 20 | 10 | -0.001 | | |
| | | 20 | 0.000 | HV | 0.002 |
| | | 30 | -0.001 | | |
| | | 40 | 0.001 | | |
| | | 50 | 0.005 | | |

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APPENDIX B - TEST DATA OF RADIATED EMISSION

Effective Radiated Power-FCC Part 27.50(d)(4) Radiated Spurious Emissions-FCC Part 2.1053/27.53(h), 27.53(g)

LTE band 2 Test result: Channel 18607

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2456.60 | -53.22 | -13 | Vertical |
| 2778.79 | -52.17 | -13 | Vertical |
| 3729.47 | -43.81 | -13 | Vertical |
| 6676.07 | -43.81 | -13 | Vertical |
| 9963.98 | -39.63 | -13 | Vertical |
| 17821.32 | -35.56 | -13 | Vertical |

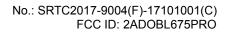
Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2456.22 | -53.14 | -13 | Vertical |
| 2778.61 | -51.33 | -13 | Vertical |
| 3728.19 | -44.23 | -13 | Vertical |
| 6679.63 | -43.31 | -13 | Vertical |
| 9961.26 | -39.78 | -13 | Vertical |
| 17822.58 | -35.31 | -13 | Vertical |

Channel 19193

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2455.13 | -52.33 | -13 | Vertical |
| 2780.41 | -51.64 | -13 | Vertical |
| 3728.61 | -43.36 | -13 | Horizontal |
| 6679.64 | -43.40 | -13 | Vertical |
| 9961.82 | -39.81 | -13 | Vertical |
| 17824.25 | -35.58 | -13 | Vertical |

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LTE band 4 Test result: Channel 17214

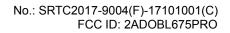
| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2456.26 | -52.24 | -13 | Vertical |
| 2781.01 | -51.39 | -13 | Vertical |
| 3727.89 | -43.34 | -13 | Horizontal |
| 6676.12 | -43.48 | -13 | Vertical |
| 9961.52 | -39.61 | -13 | Vertical |
| 17822.09 | -35.39 | -13 | Vertical |

Channel 17425

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2453.58 | -52.73 | -13 | Vertical |
| 2781.45 | -51.47 | -13 | Vertical |
| 3728.62 | -44.32 | -13 | Vertical |
| 6679.20 | -43.71 | -13 | Vertical |
| 9961.72 | -39.70 | -13 | Vertical |
| 17823.75 | -35.51 | -13 | Vertical |

Channel 17636

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.63 | -52.27 | -13 | Vertical |
| 2781.57 | -51.78 | -13 | Vertical |
| 3727.18 | -43.44 | -13 | Vertical |
| 6677.21 | -43.21 | -13 | Vertical |
| 9964.38 | -39.60 | -13 | Vertical |
| 17820.47 | -35.70 | -13 | Vertical |





LTE band 5 Test result: Channel 8365

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2455.97 | -52.47 | -13 | Vertical |
| 2778.90 | -51.80 | -13 | Vertical |
| 3729.57 | -43.94 | -13 | Vertical |
| 6676.14 | -43.94 | -13 | Vertical |
| 9964.62 | -40.17 | -13 | Vertical |
| 17821.46 | -35.30 | -13 | Vertical |

Channel 8465

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|------------------|--------------|
| 2454.69 | -53.10 | -13 | Vertical |
| 2778.18 | -51.93 | -13 | Vertical |
| 3729.67 | -43.94 | -13 | Vertical |
| 6679.59 | -43.48 | -13 | Vertical |
| 9964.59 | -39.61 | -13 | Vertical |
| 17821.61 | -35.70 | -13 | Vertical |

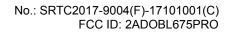
Channel 8565

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2456.19 | -52.33 | -13 | Vertical |
| 2779.44 | -51.99 | -13 | Horizontal |
| 3729.31 | -44.21 | -13 | Vertical |
| 6678.96 | -42.98 | -13 | Horizontal |
| 9963.60 | -39.65 | -13 | Vertical |
| 17821.51 | -35.26 | -13 | Vertical |

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Test result: Channel 25200

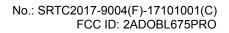
| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2455.69 | -53.04 | -13 | Vertical |
| 2778.22 | -52.04 | -13 | Vertical |
| 3727.91 | -43.99 | -13 | Horizontal |
| 6676.96 | -43.36 | -13 | Vertical |
| 9964.23 | -40.32 | -13 | Vertical |
| 17821.74 | -35.59 | -13 | Horizontal |

Channel 25450

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.13 | -52.34 | -13 | Vertical |
| 2780.36 | -52.18 | -13 | Vertical |
| 3730.58 | -43.51 | -13 | Vertical |
| 6676.35 | -43.18 | -13 | Vertical |
| 9962.05 | -40.39 | -13 | Vertical |
| 17821.66 | -35.76 | -13 | Horizontal |

Channel 25700

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.43 | -53.19 | -13 | Vertical |
| 2778.25 | -51.34 | -13 | Vertical |
| 3728.04 | -43.47 | -13 | Horizontal |
| 6677.64 | -43.25 | -13 | Horizontal |
| 9964.89 | -39.80 | -13 | Vertical |
| 17822.70 | -35.53 | -13 | Vertical |



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Radiated Spurious Emissions-FCC Part 2.1053/27.53(h), 27.53(g)

LTE band 2 Test result: Channel 18607

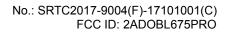
| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2456.59 | -52.44 | -13 | Vertical |
| 2781.03 | -51.25 | -13 | Vertical |
| 3727.86 | -44.10 | -13 | Vertical |
| 6677.32 | -43.92 | -13 | Vertical |
| 9961.86 | -40.03 | -13 | Vertical |
| 17820.75 | -35.56 | -13 | Vertical |

Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.06 | -52.31 | -13 | Vertical |
| 2781.98 | -51.81 | -13 | Vertical |
| 3731.11 | -44.23 | -13 | Vertical |
| 6679.88 | -43.04 | -13 | Vertical |
| 9962.47 | -39.68 | -13 | Vertical |
| 17824.30 | -36.13 | -13 | Vertical |

Channel 19193

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.26 | -52.97 | -13 | Vertical |
| 2781.31 | -52.14 | -13 | Vertical |
| 3730.34 | -43.63 | -13 | Vertical |
| 6677.76 | -43.76 | -13 | Vertical |
| 9964.18 | -39.47 | -13 | Vertical |
| 17821.30 | -36.15 | -13 | Vertical |



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LTE band 4 Test result: Channel 17214

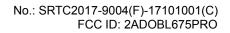
| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.15 | -52.60 | -13 | Vertical |
| 2780.18 | -51.88 | -13 | Vertical |
| 3731.12 | -43.82 | -13 | Horizontal |
| 6677.95 | -43.19 | -13 | Vertical |
| 9963.07 | -40.14 | -13 | Vertical |
| 17821.67 | -35.43 | -13 | Vertical |

Channel 17425

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|------------------|--------------|
| 2454.45 | -52.68 | -13 | Vertical |
| 2778.53 | -52.04 | -13 | Vertical |
| 3727.19 | -44.33 | -13 | Vertical |
| 6679.57 | -43.66 | -13 | Vertical |
| 9962.79 | -39.93 | -13 | Vertical |
| 17824.26 | -35.92 | -13 | Vertical |

Channel 17636

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.32 | -52.53 | -13 | Vertical |
| 2779.15 | -51.32 | -13 | Vertical |
| 3728.40 | -43.76 | -13 | Vertical |
| 6679.18 | -42.98 | -13 | Vertical |
| 9963.90 | -39.87 | -13 | Vertical |
| 17823.48 | -36.12 | -13 | Vertical |





LTE band 5 Test result: Channel 8365

| | Power | Limited | |
|-----------------|--------|---------|--------------|
| Frequency (MHz) | (dBm) | (dBm) | Polarization |
| 2453.84 | -52.87 | -13 | Vertical |
| 2781.55 | -52.03 | -13 | Vertical |
| 3727.45 | -43.49 | -13 | Vertical |
| 6678.53 | -43.36 | -13 | Vertical |
| 9964.73 | -40.30 | -13 | Vertical |
| 17823.52 | -35.36 | -13 | Vertical |

Channel 8465

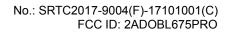
| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2455.79 | -53.14 | -13 | Vertical |
| 2778.04 | -51.89 | -13 | Vertical |
| 3730.70 | -43.89 | -13 | Vertical |
| 6677.35 | -43.65 | -13 | Vertical |
| 9965.14 | -40.02 | -13 | Vertical |
| 17820.77 | -36.06 | -13 | Vertical |

Channel 8565

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.93 | -52.46 | -13 | Vertical |
| 2780.63 | -51.39 | -13 | Horizontal |
| 3729.03 | -44.26 | -13 | Vertical |
| 6677.64 | -43.00 | -13 | Vertical |
| 9964.12 | -40.00 | -13 | Vertical |
| 17820.98 | -35.27 | -13 | Vertical |

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Channel 25200

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2456.01 | -52.85 | -13 | Vertical |
| 2781.91 | -51.33 | -13 | Vertical |
| 3728.92 | -43.48 | -13 | Horizontal |
| 6678.20 | -42.99 | -13 | Vertical |
| 9963.07 | -39.64 | -13 | Vertical |
| 17822.15 | -35.43 | -13 | Vertical |

Channel 25450

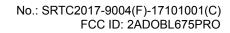
| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.87 | -52.85 | -13 | Vertical |
| 2779.94 | -51.63 | -13 | Vertical |
| 3728.45 | -44.31 | -13 | Vertical |
| 6679.61 | -43.44 | -13 | Vertical |
| 9962.43 | -39.40 | -13 | Vertical |
| 17821.47 | -36.05 | -13 | Vertical |

Channel 25700

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|----------------|------------------|--------------|
| 2454.38 | -52.31 | -13 | Vertical |
| 2781.02 | -51.62 | -13 | Vertical |
| 3730.38 | -43.64 | -13 | Vertical |
| 6676.80 | -43.85 | -13 | Horizontal |
| 9964.01 | -40.01 | -13 | Vertical |
| 17822.47 | -35.42 | -13 | Vertical |

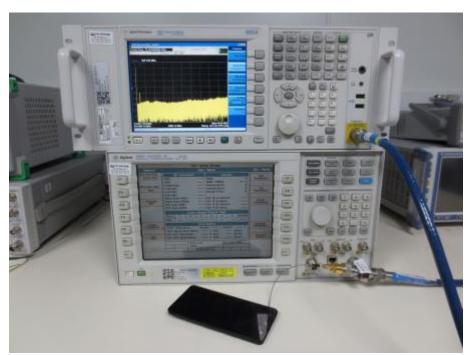
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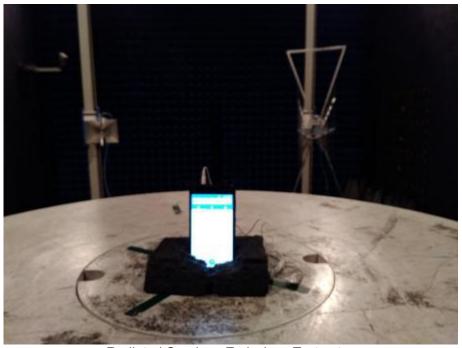




APPENDIX C -TEST SETUP



Spurious RF Conducted Emissions Test setup



Radiated Spurious Emissions Test setup