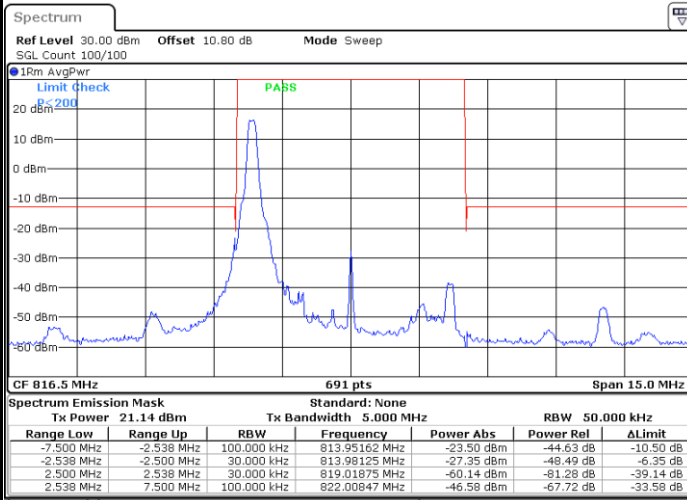




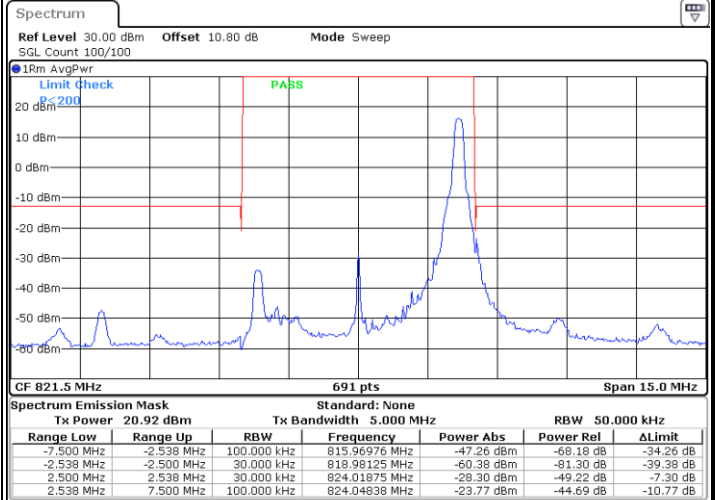
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



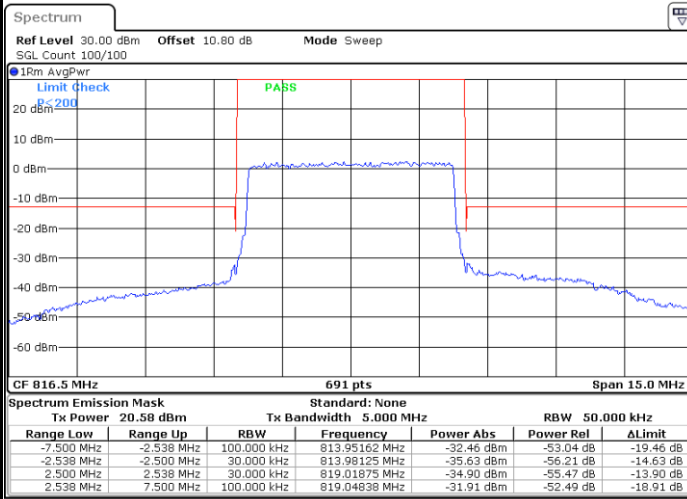
Date: 6 JAN 2018 20:28:32

Highest Band Edge / 1 RB



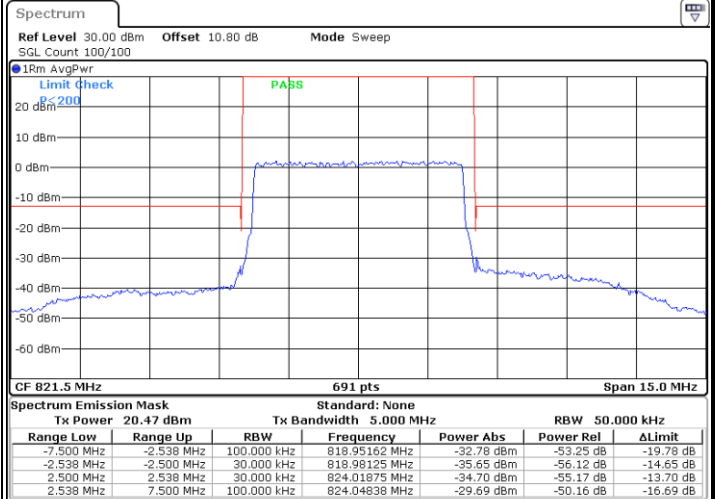
Date: 6 JAN 2018 20:33:24

Lowest Band Edge / Full RB



Date: 6 JAN 2018 20:30:57

Highest Band Edge / Full RB

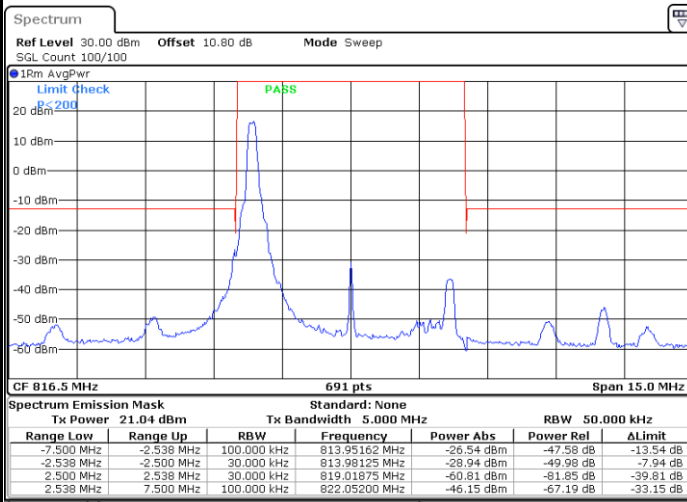


Date: 6 JAN 2018 20:35:50



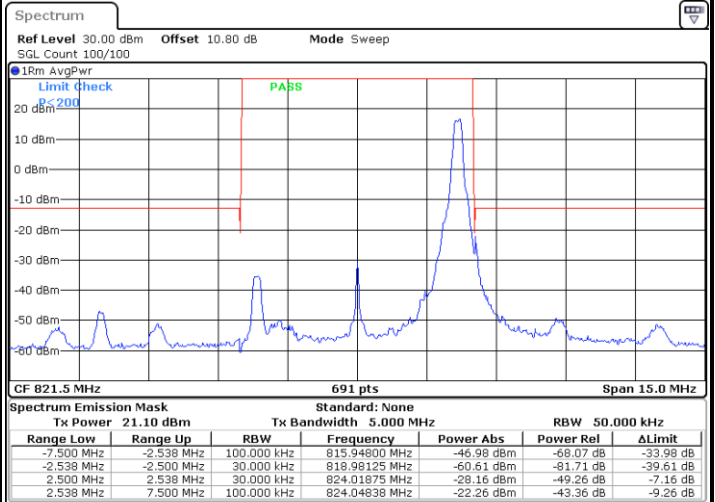
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



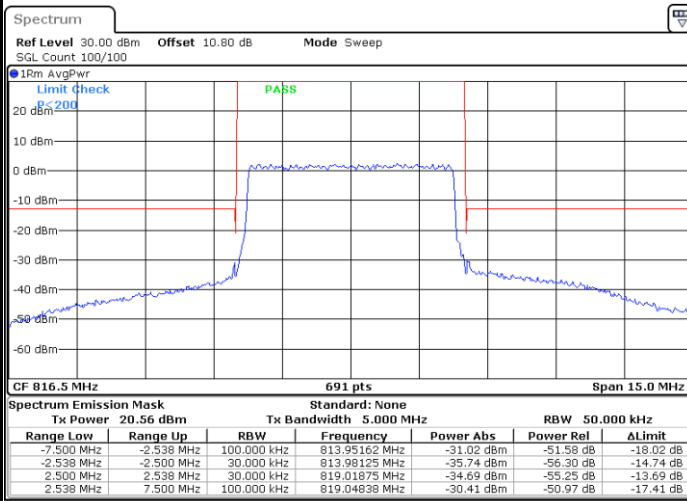
Date: 1.FEB.2018 21:50:06

Highest Band Edge / 1 RB



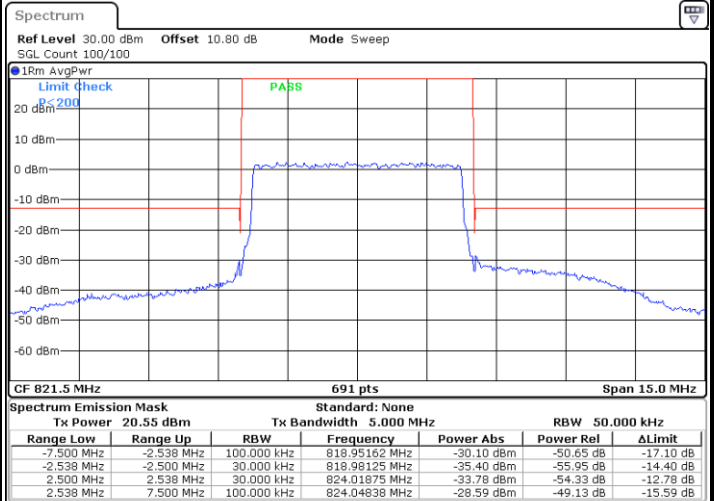
Date: 1.FEB.2018 21:52:24

Lowest Band Edge / Full RB



Date: 1.FEB.2018 21:51:15

Highest Band Edge / Full RB



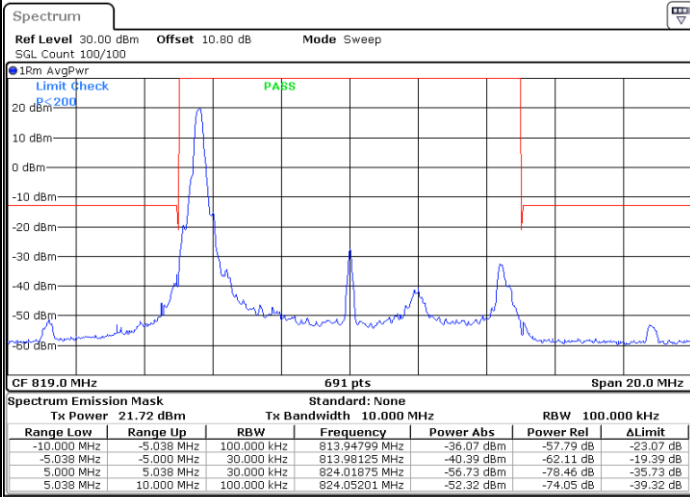
Date: 1.FEB.2018 21:53:33



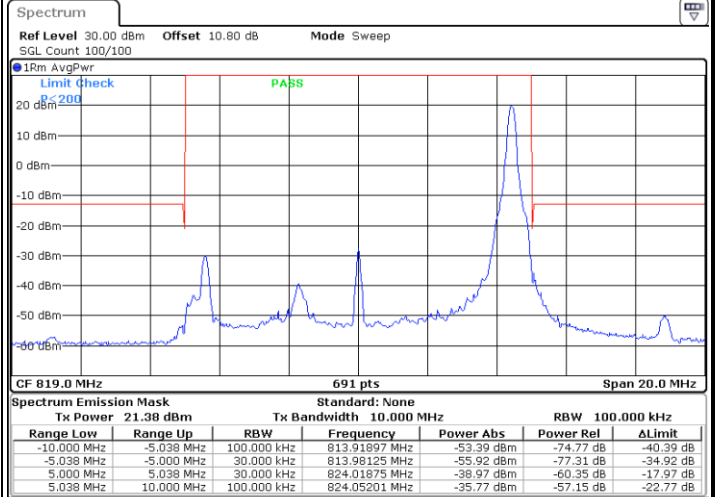
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

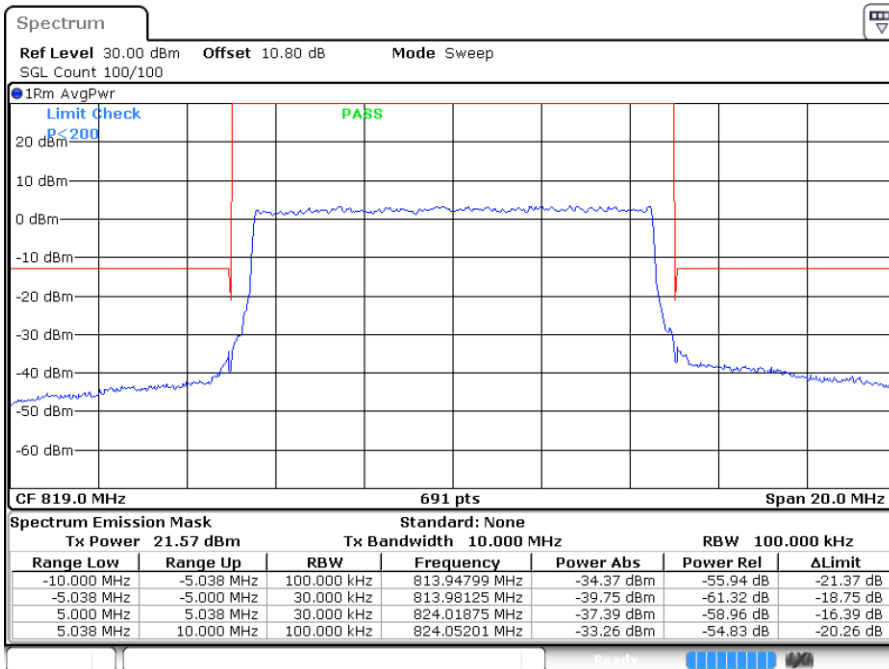


Date: 6 JAN 2018 20:37:03



Date: 6 JAN 2018 20:39:29

Band Edge / Full RB

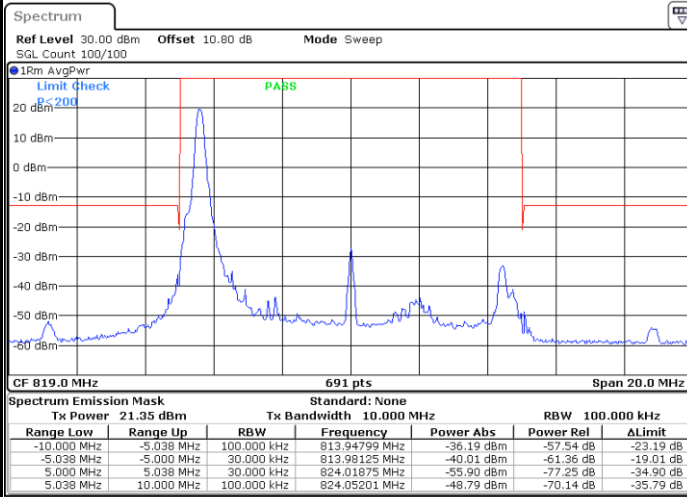


Date: 6 JAN 2018 20:41:55



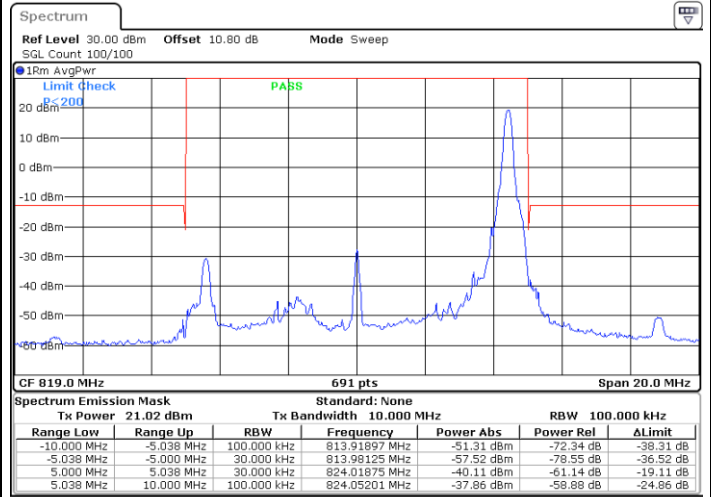
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



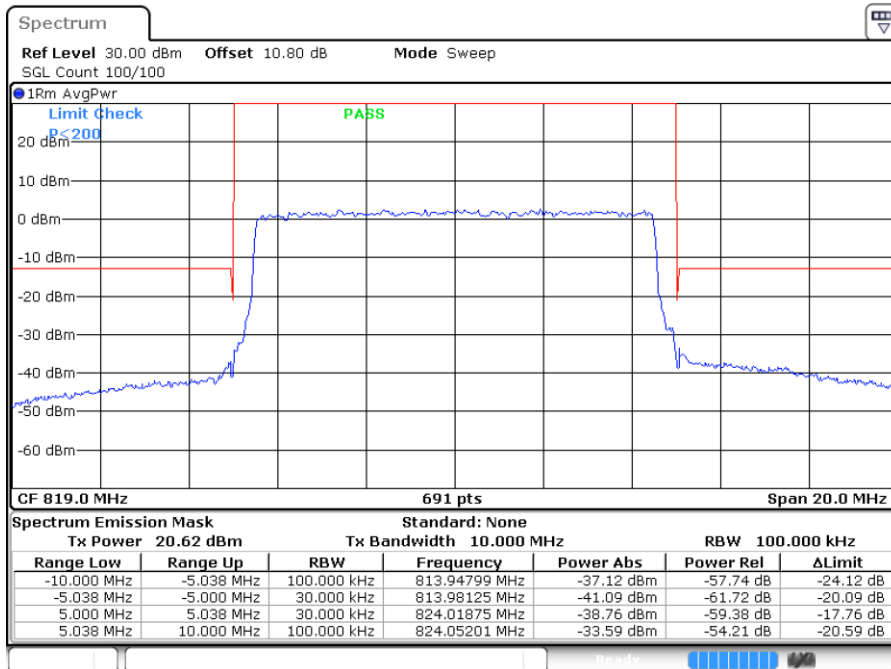
Date: 6 JAN 2018 20:38:16

Highest Band Edge / 1 RB



Date: 6 JAN 2018 20:40:42

Band Edge / Full RB

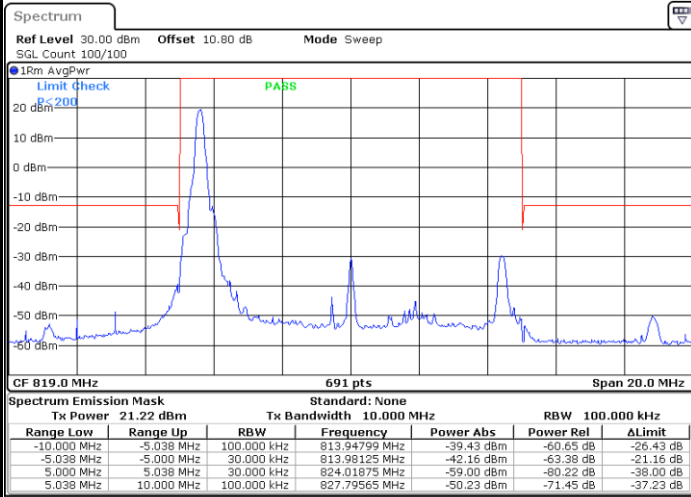


Date: 6 JAN 2018 20:43:08



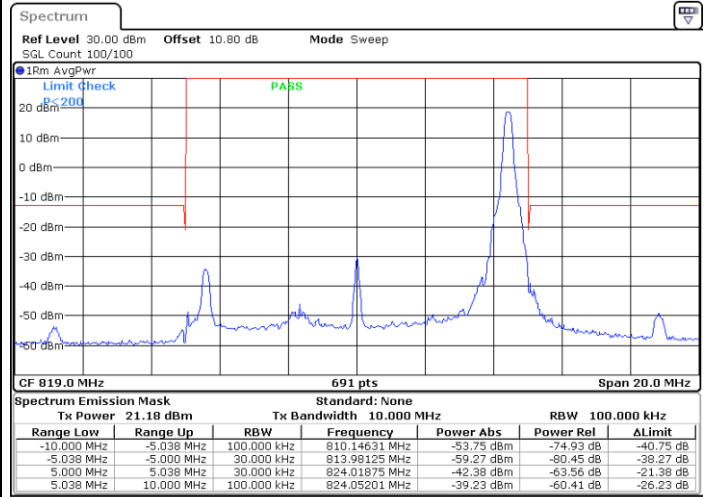
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



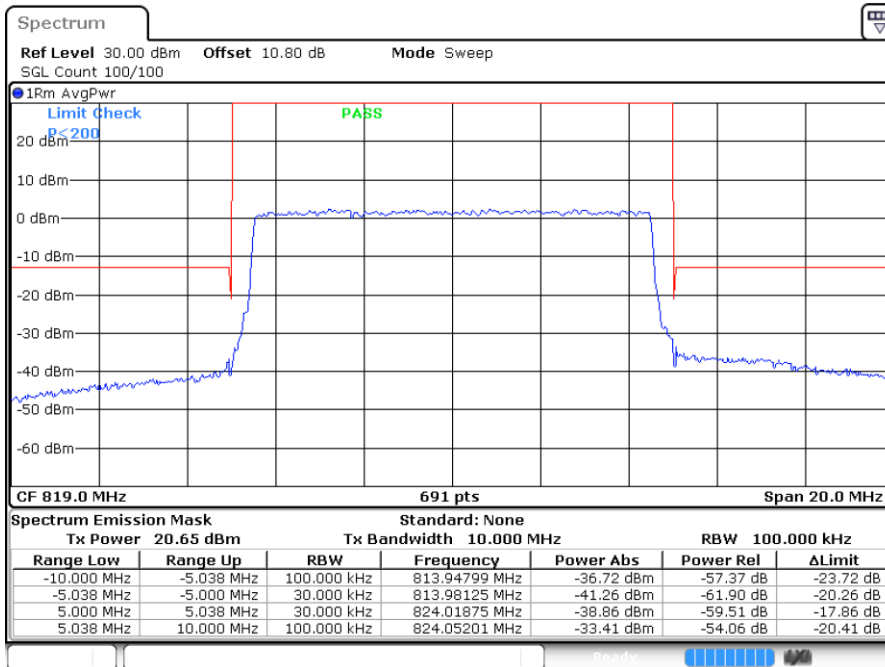
Date: 1.FEB.2018 21:54:42

Highest Band Edge / 1 RB



Date: 1.FEB.2018 21:55:51

Band Edge / Full RB

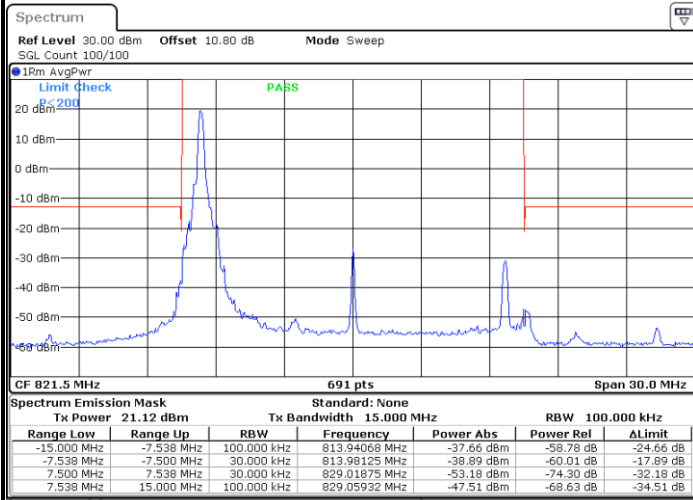


Date: 1.FEB.2018 21:57:00



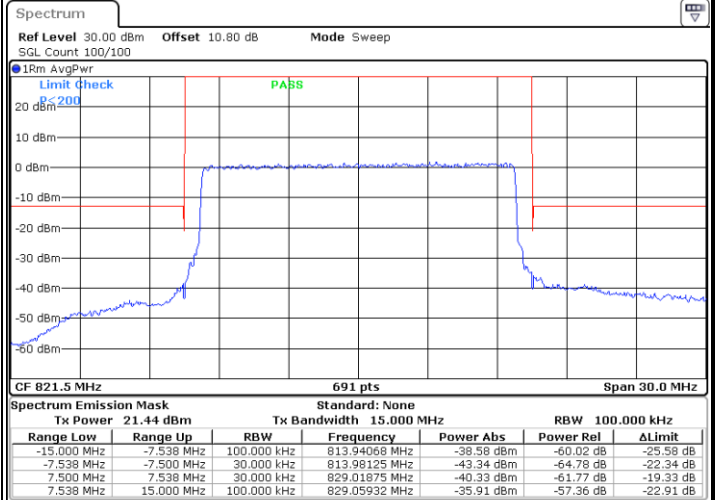
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 6 JAN 2018 21:53:48

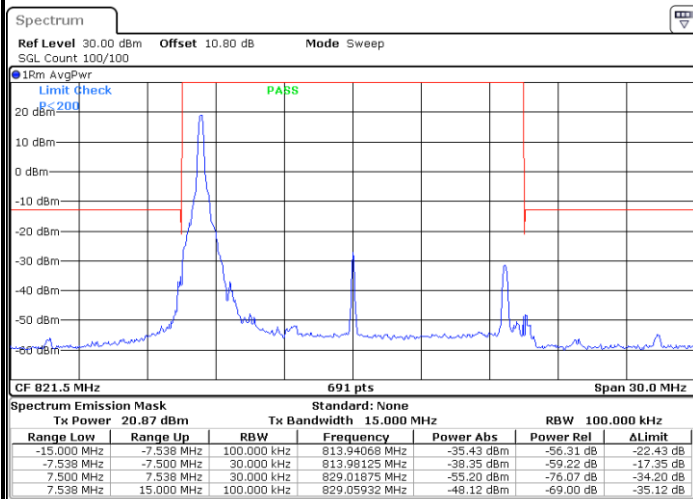
Lowest Band Edge / Full RB



Date: 6 JAN 2018 21:58:38

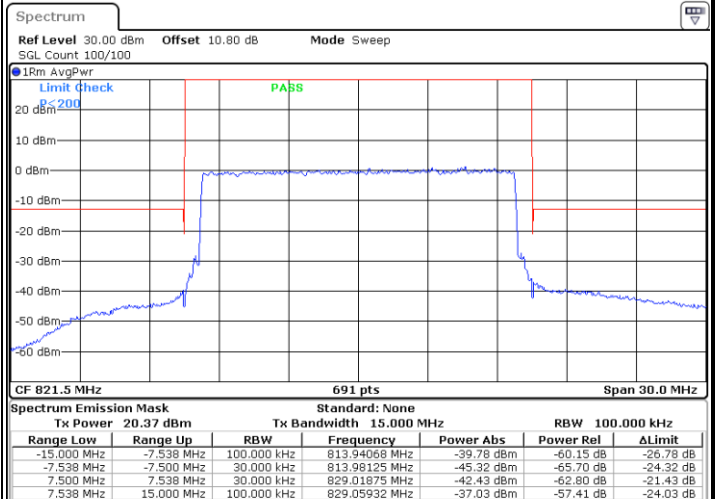
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 6 JAN 2018 21:55:00

Lowest Band Edge / Full RB

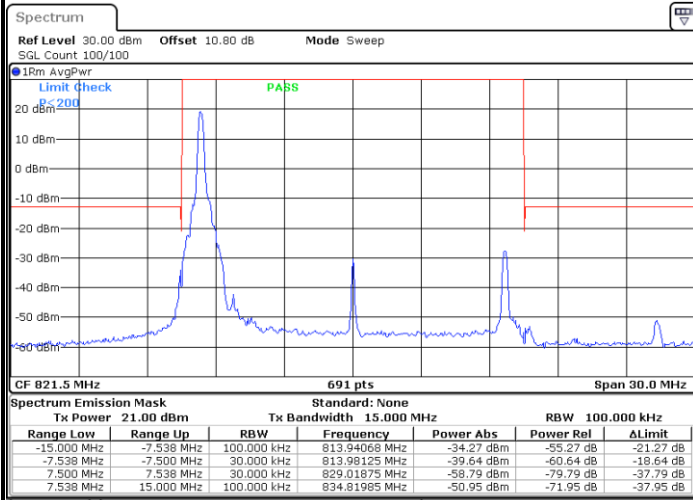


Date: 6 JAN 2018 21:58:50



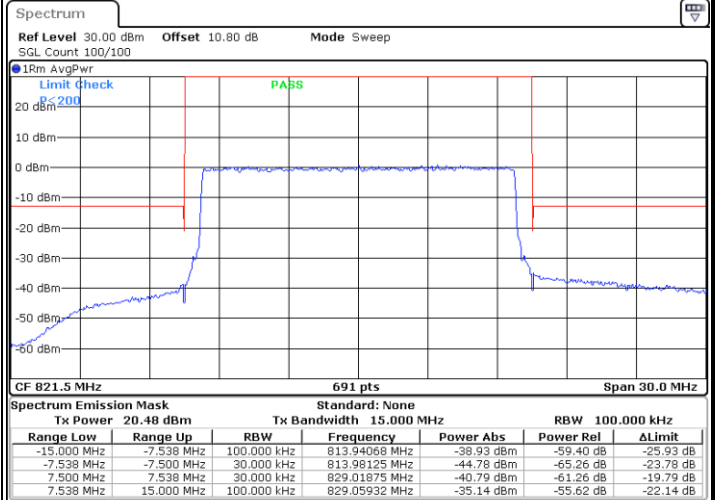
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 1.FEB.2018 21:58:09

Lowest Band Edge / Full RB



Date: 1.FEB.2018 22:00:26

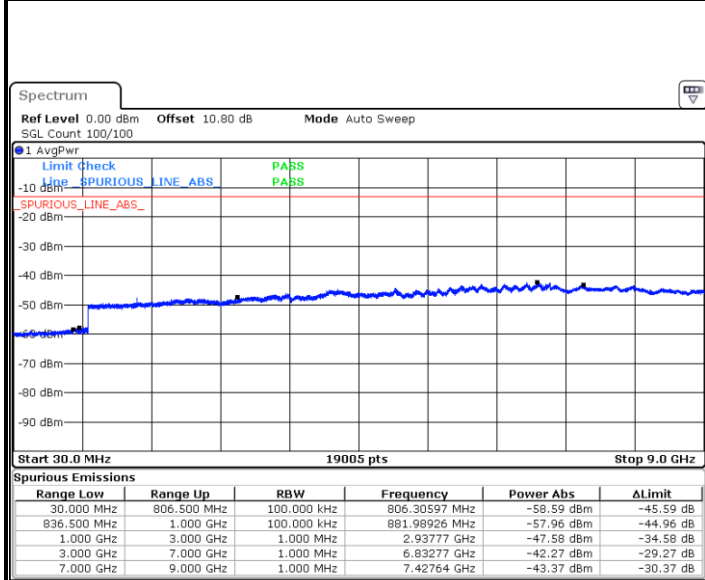


Conducted Spurious Emission



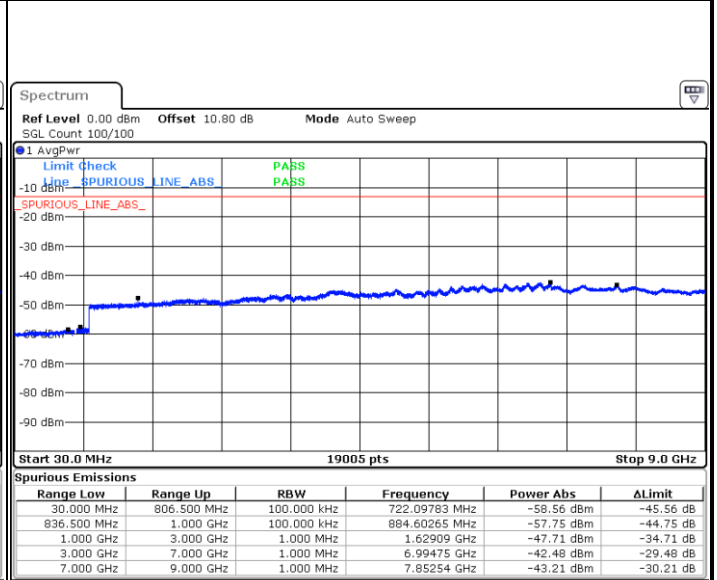
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



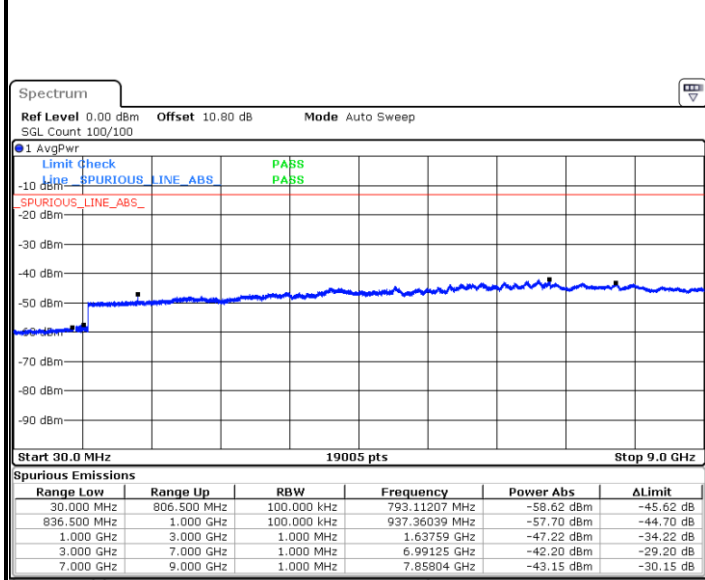
Date: 6 JAN 2018 21:18:11

Lowest Channel / 16QAM



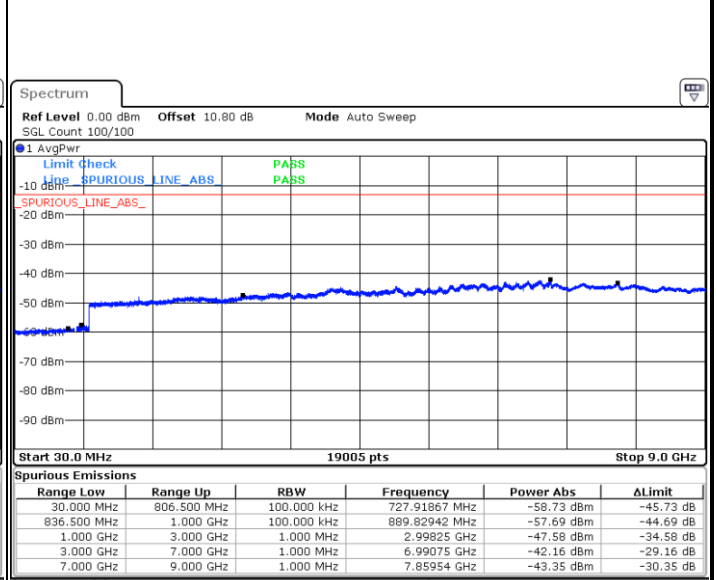
Date: 6 JAN 2018 21:19:11

Middle Channel / QPSK



Date: 6 JAN 2018 21:20:50

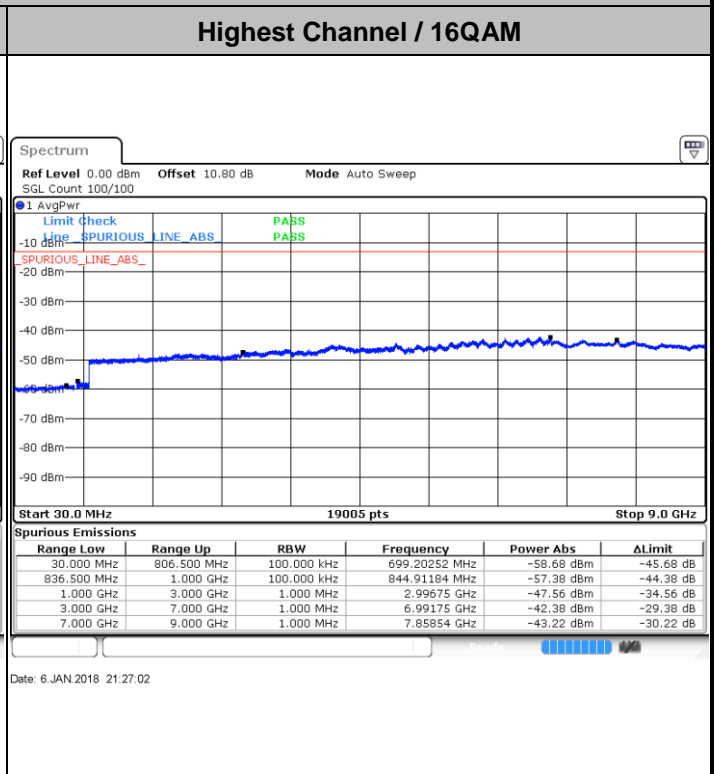
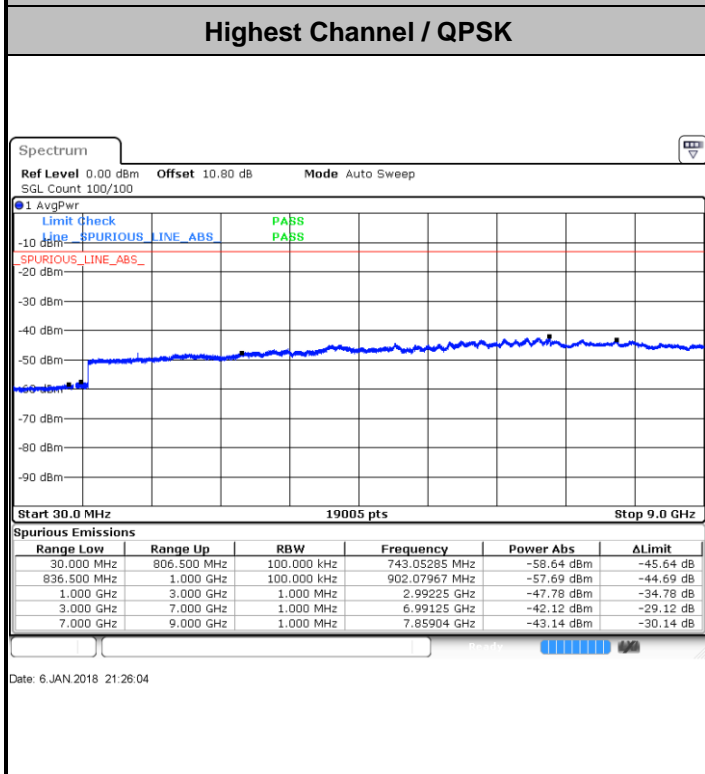
Middle Channel / 16QAM



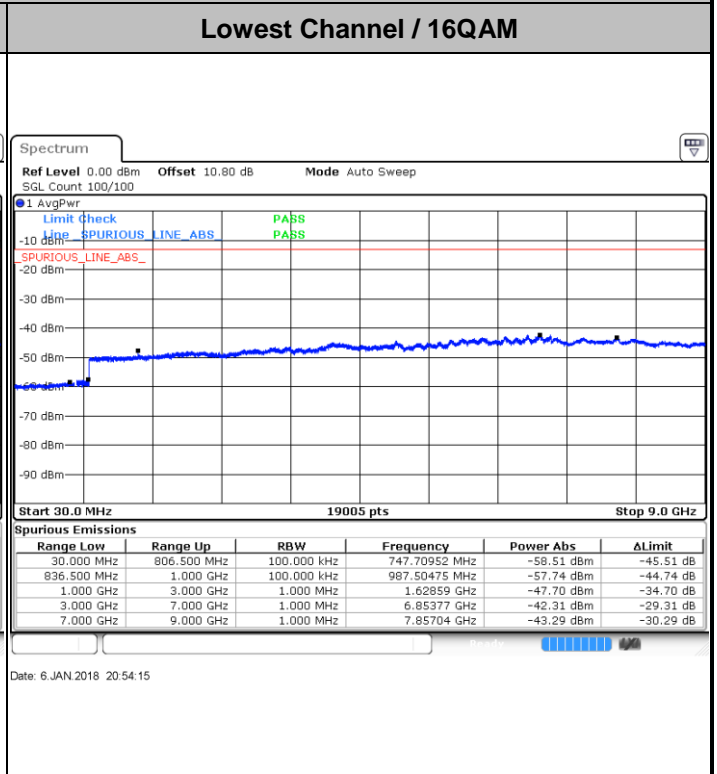
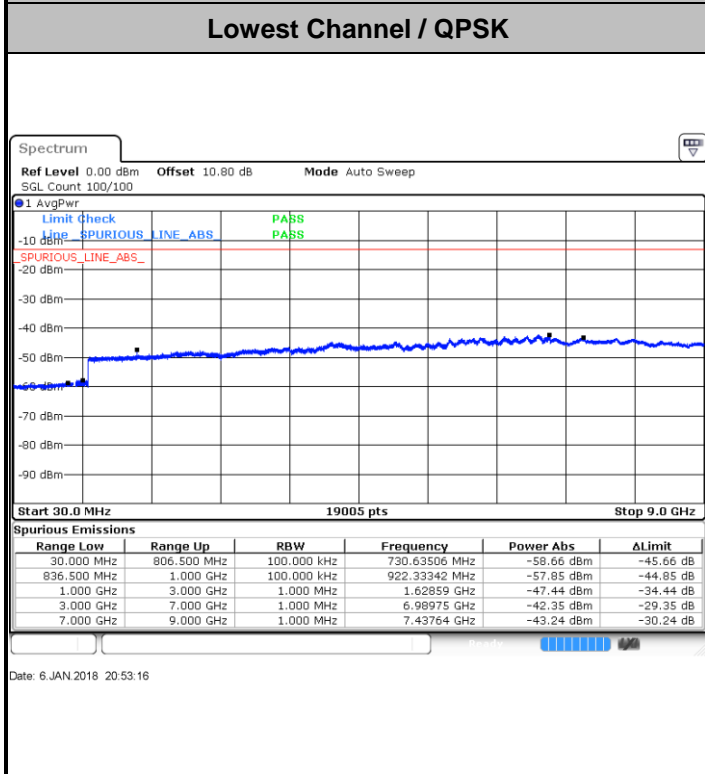
Date: 6 JAN 2018 21:21:48



LTE Band 26 / 1.4MHz



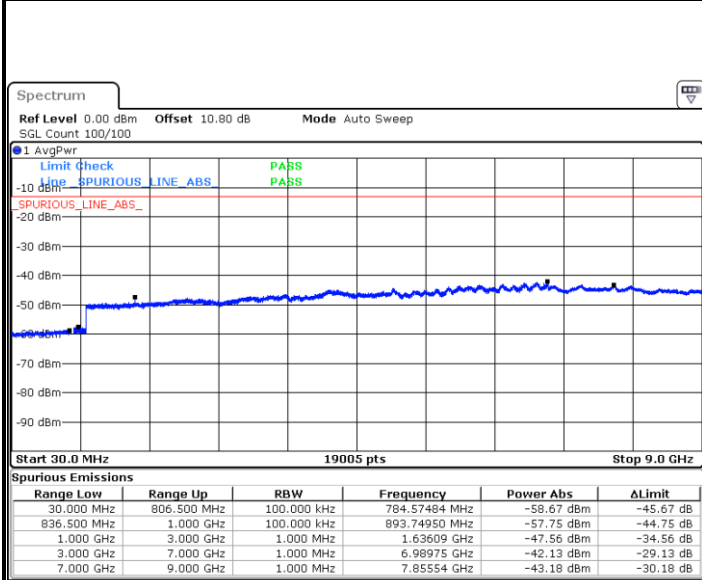
LTE Band 26 / 3MHz





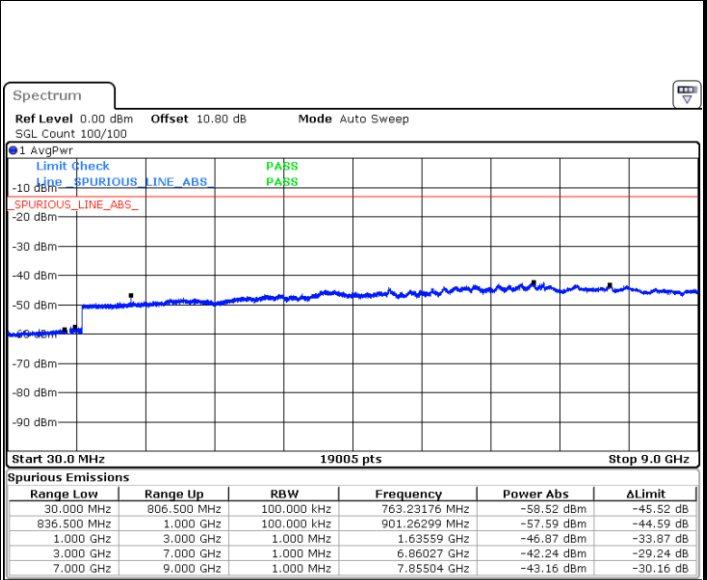
LTE Band 26 / 3MHz

Middle Channel / QPSK



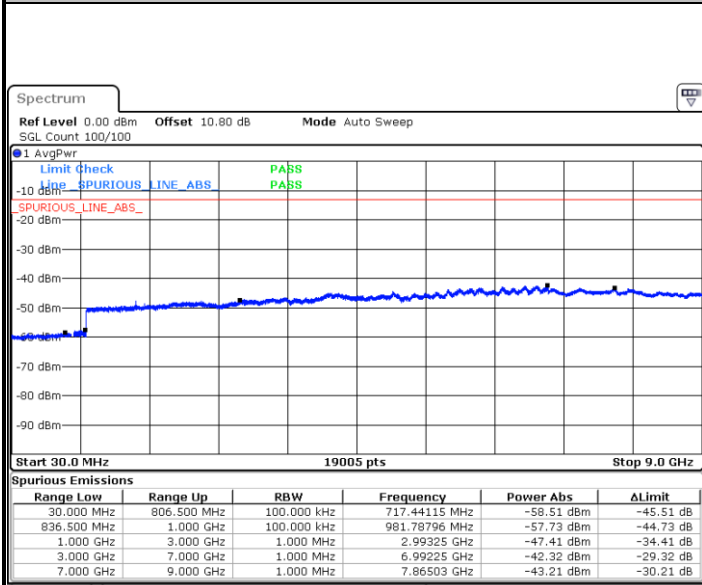
Date: 6 JAN 2018 20:55:54

Middle Channel / 16QAM



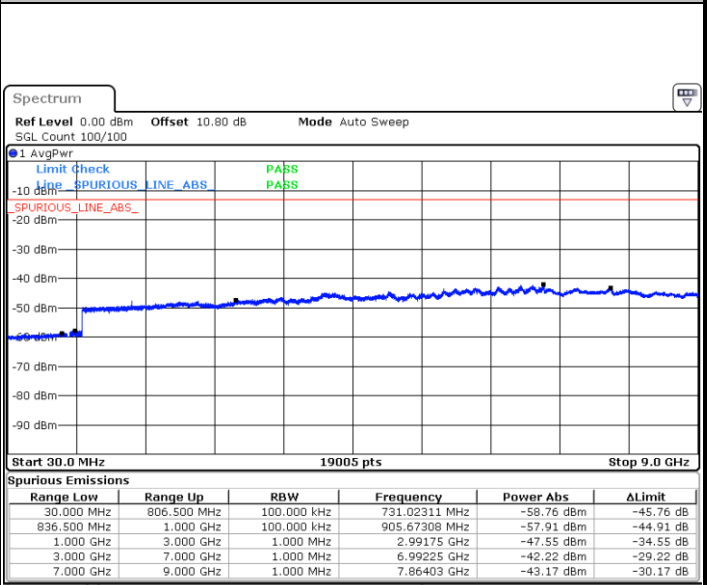
Date: 6 JAN 2018 20:56:52

Highest Channel / QPSK



Date: 6 JAN 2018 20:58:30

Highest Channel / 16QAM



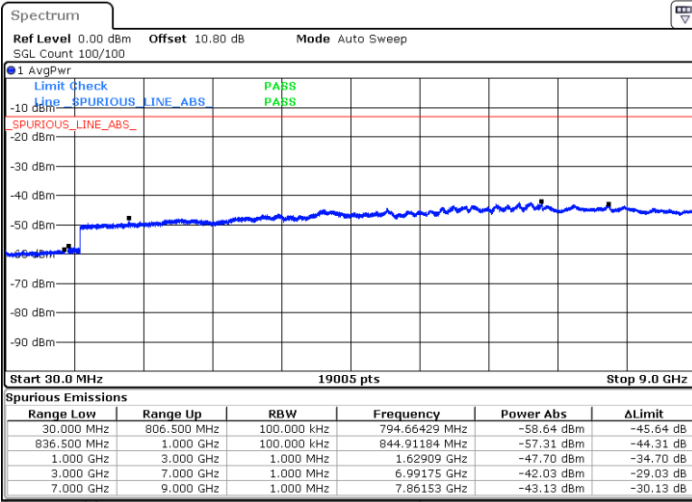
Date: 6 JAN 2018 20:59:30



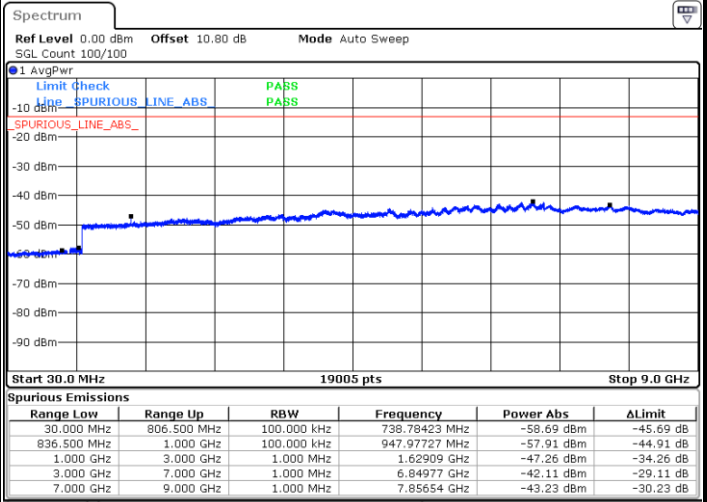
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



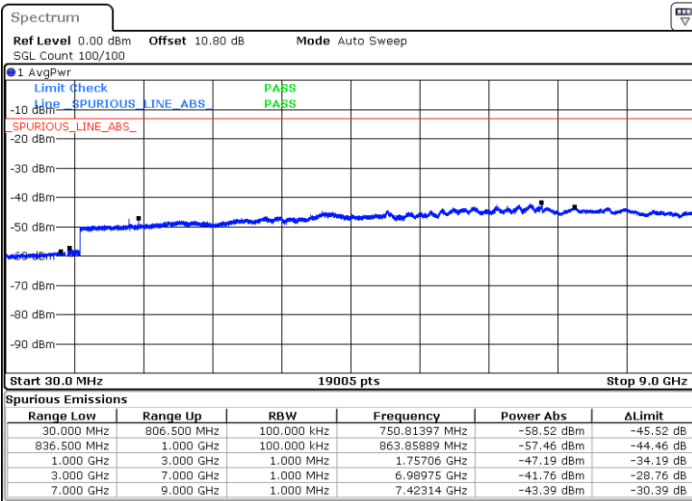
Date: 6 JAN 2018 21:01:08



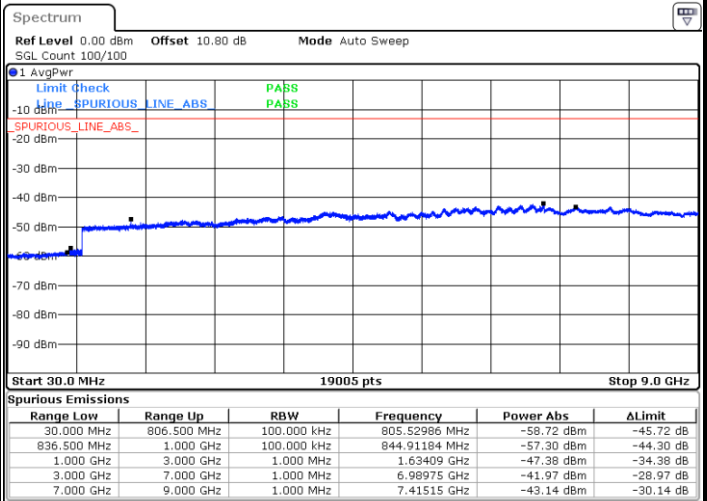
Date: 6 JAN 2018 21:02:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 6 JAN 2018 21:03:46



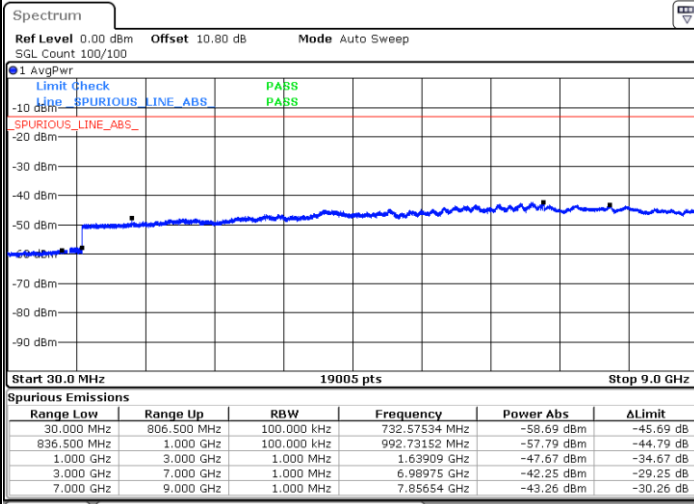
Date: 6 JAN 2018 21:04:44



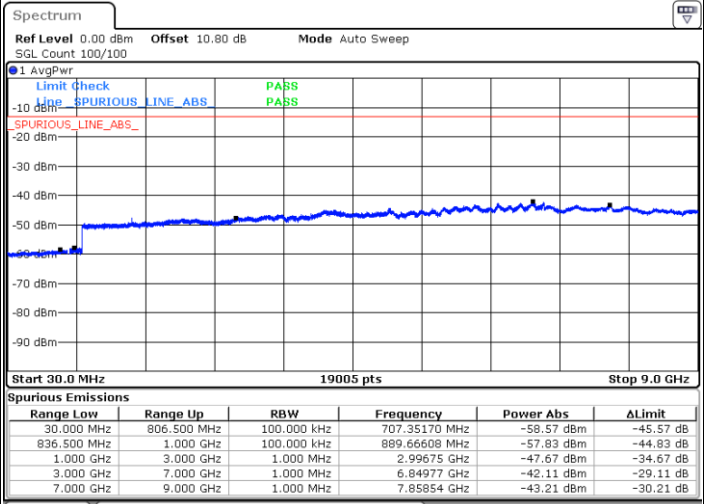
LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JAN 2018 21:06:23

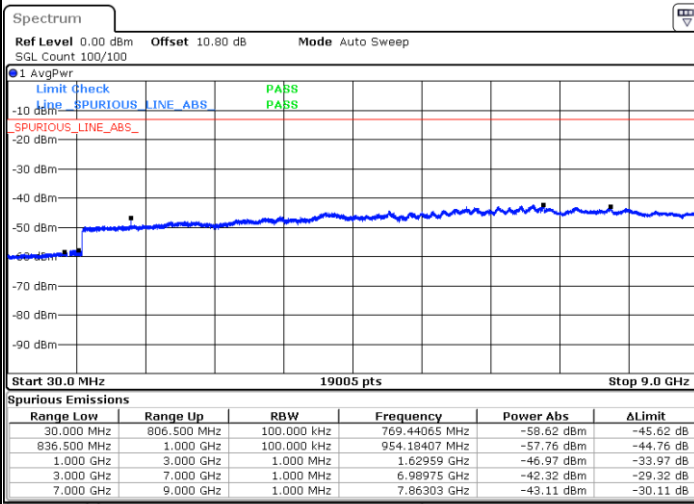


Date: 6 JAN 2018 21:07:22

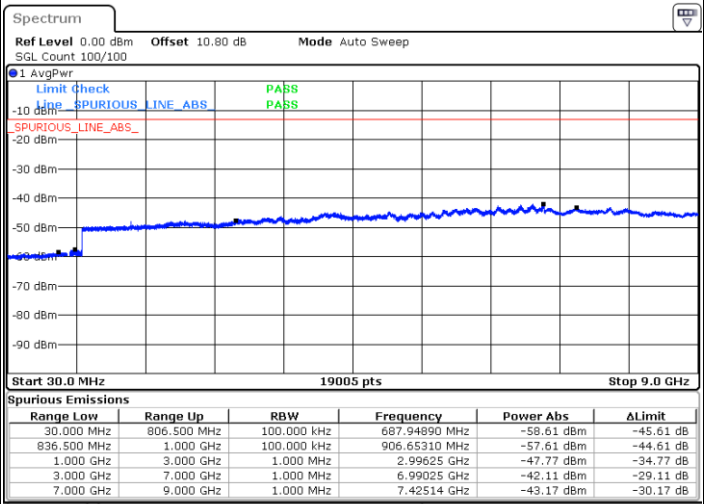
LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 6 JAN 2018 21:09:01



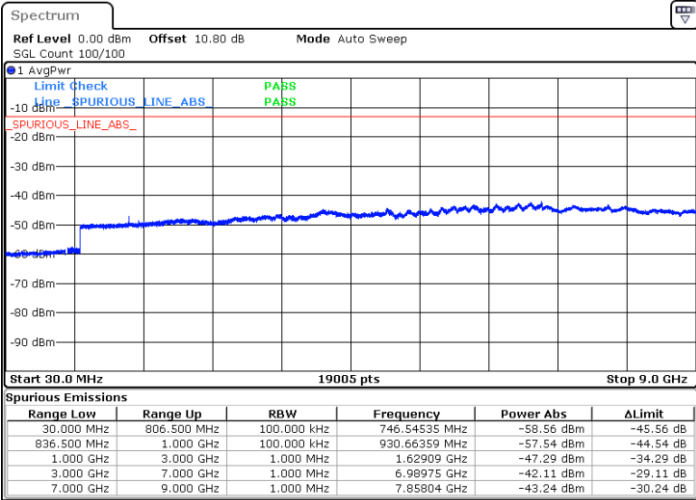
Date: 6 JAN 2018 21:09:59



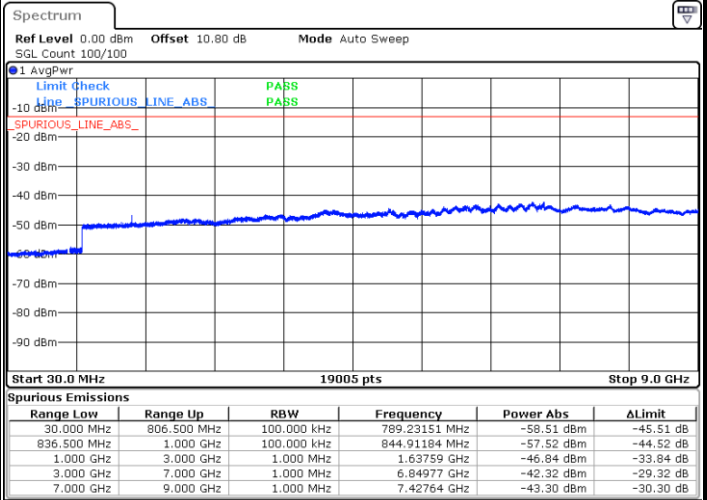
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

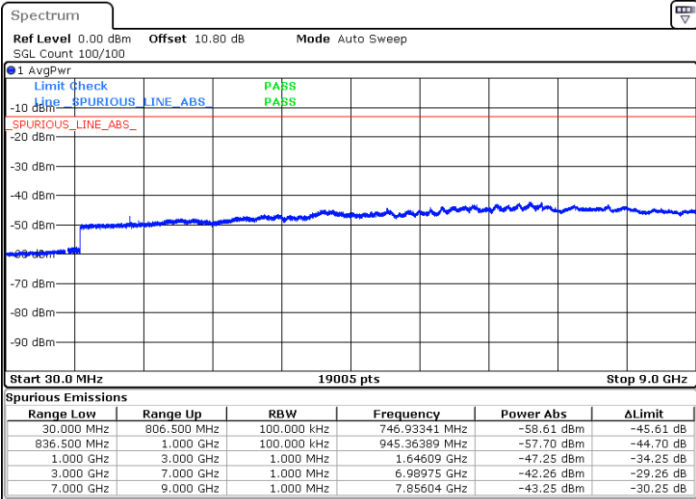


Date: 1.FEB.2018 22:13:34



Date: 1.FEB.2018 22:14:49

Highest Channel / 64QAM



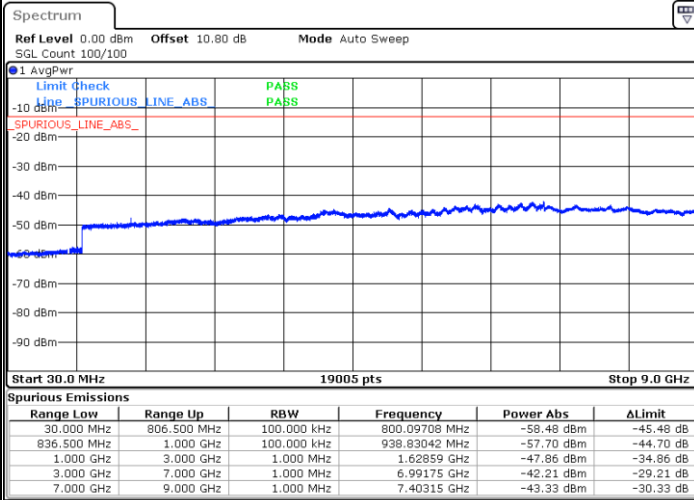
Date: 1.FEB.2018 22:16:04



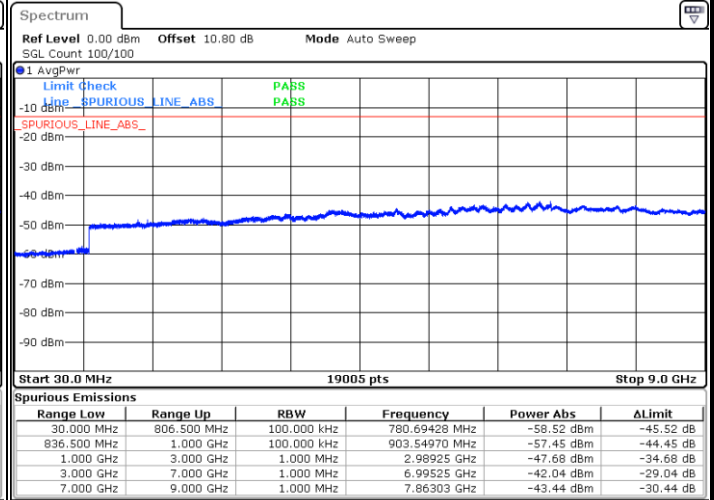
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

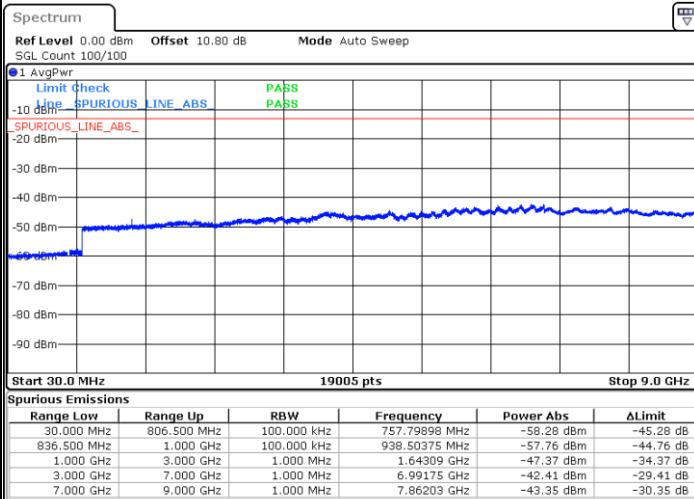


Date: 1.FEB.2018 22:01:42



Date: 1.FEB.2018 22:02:57

Highest Channel / 64QAM



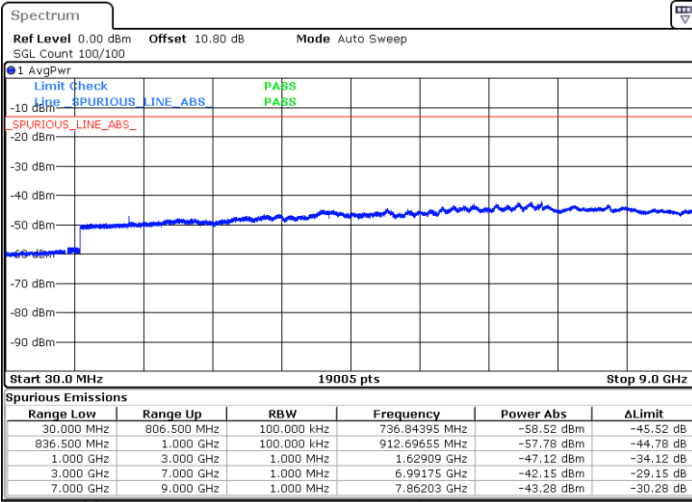
Date: 1.FEB.2018 22:04:13



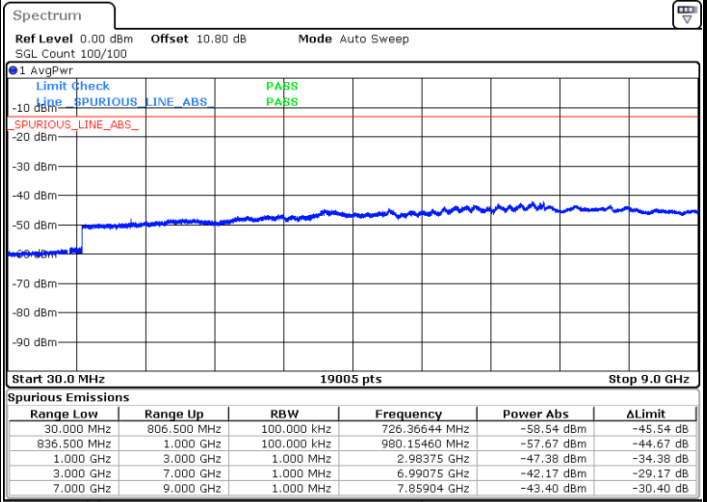
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

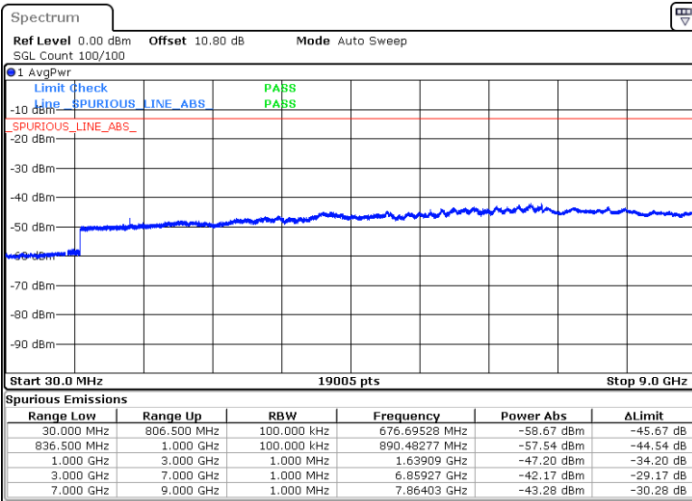


Date: 1.FEB.2018 22:05:28

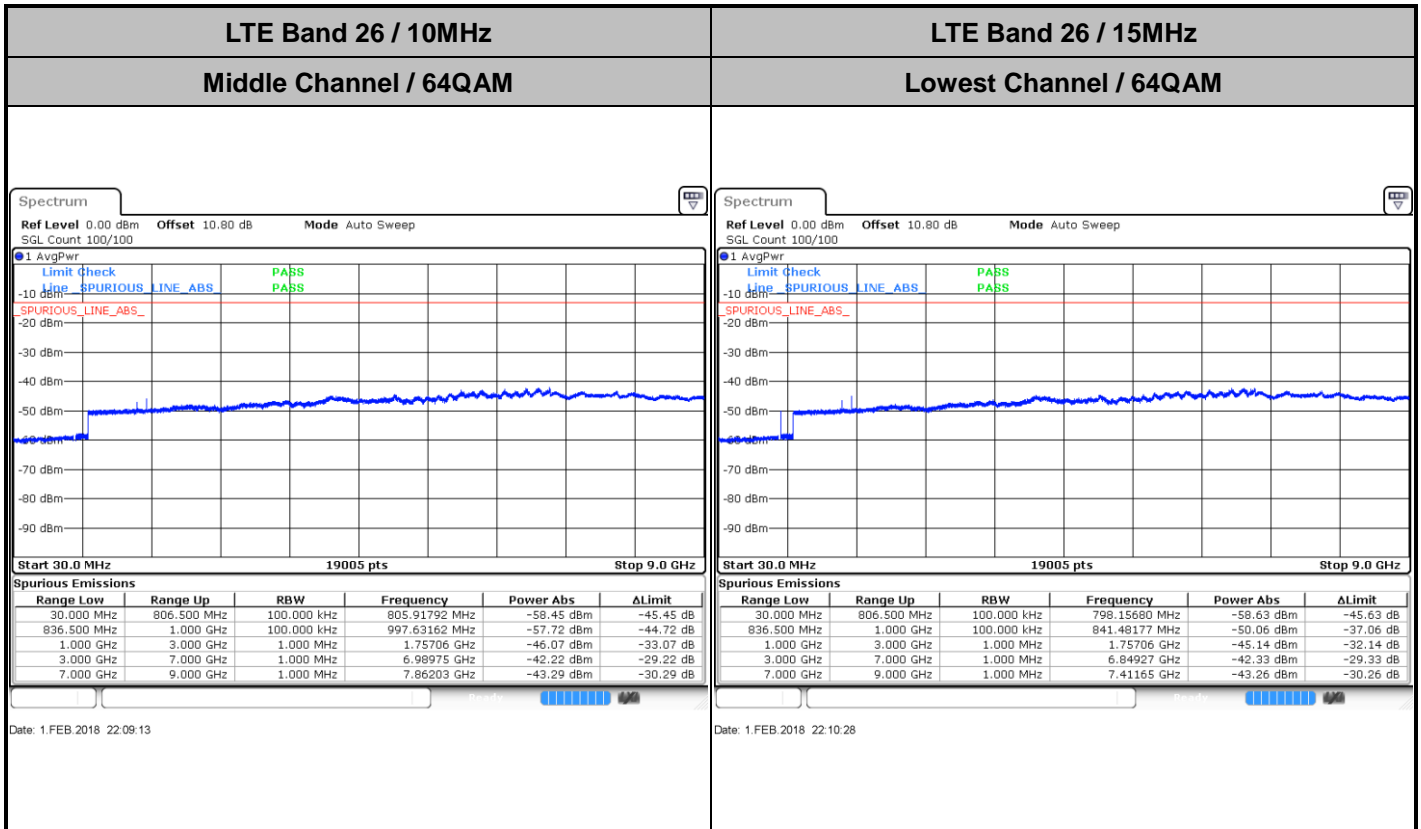


Date: 1.FEB.2018 22:06:43

Highest Channel / 64QAM



Date: 1.FEB.2018 22:07:58





Frequency Stability

| Test Conditions | | LTE Band 26 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0013 | PASS |
| 40 | Normal Voltage | 0.0027 | |
| 30 | Normal Voltage | 0.0100 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0093 | |
| 0 | Normal Voltage | 0.0005 | |
| -10 | Normal Voltage | 0.0076 | |
| -20 | Normal Voltage | 0.0029 | |
| -30 | Normal Voltage | 0.0068 | |
| 20 | Maximum Voltage | 0.0072 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0092 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 26 (QPSK) / Low Channel | Limit |
|------------------|-------------------|----------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 15MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0007 | PASS |
| 40 | Normal Voltage | 0.0051 | |
| 30 | Normal Voltage | 0.0073 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0010 | |
| 0 | Normal Voltage | 0.0052 | |
| -10 | Normal Voltage | 0.0058 | |
| -20 | Normal Voltage | 0.0077 | |
| -30 | Normal Voltage | 0.0007 | |
| 20 | Maximum Voltage | 0.0055 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0074 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

| LTE Band 26 / 15MHz (Channel 26765) | | | | | | | |
|-------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 37 | 23.33 | 0.2153 | 20.46 | 0.1112 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Lowest | 16QAM | 1 | 74 | 22.62 | 0.1828 | 19.75 | 0.0944 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Lowest | 64QAM | 1 | 74 | 22.58 | 0.1811 | 19.71 | 0.0935 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Limit | ERP < 7W | | | Result | | PASS | |



Radiated Spurious Emission

Part 90 LTE Band 26

| LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1632 | -61.29 | -13 | -48.29 | -70.85 | -66.62 | 1.22 | 8.70 | H |
| | 2444 | -63.47 | -13 | -50.47 | -76.18 | -70.34 | 1.43 | 10.46 | H |
| | 3259 | -61.68 | -13 | -48.68 | -76.59 | -69.53 | 1.67 | 11.68 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -61.94 | -13 | -48.94 | -70.38 | -67.27 | 1.22 | 8.70 | V |
| | 2444 | -63.90 | -13 | -50.90 | -76.34 | -70.77 | 1.43 | 10.46 | V |
| | 3259 | -61.78 | -13 | -48.78 | -76.46 | -69.63 | 1.67 | 11.68 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.