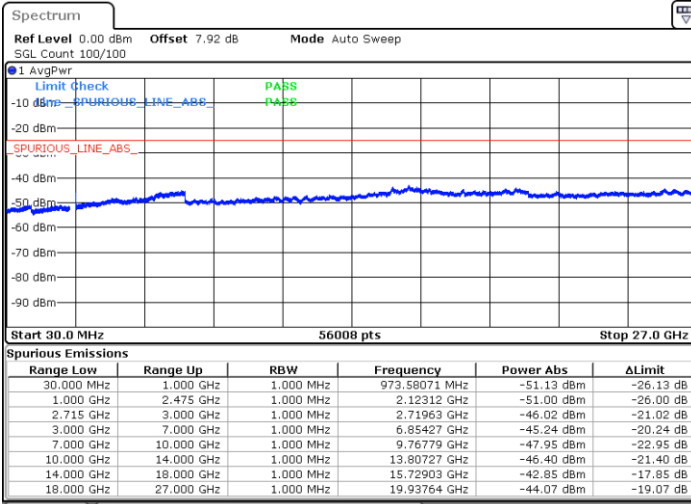




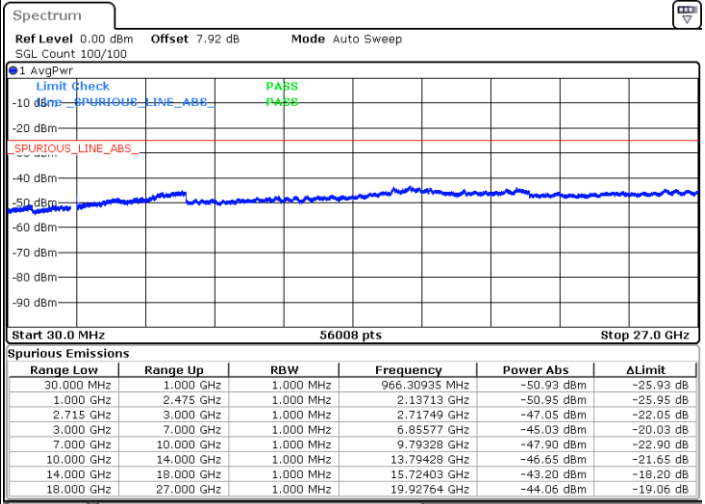
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 11.JAN.2018 16:28:51

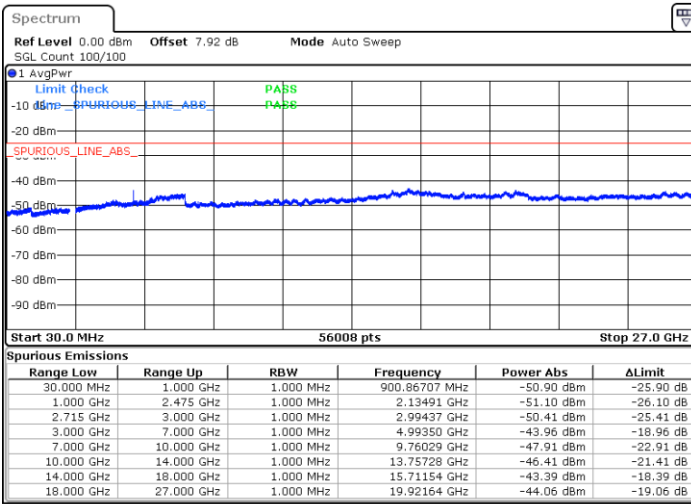
Highest Channel / 16QAM



Date: 11.JAN.2018 16:29:41

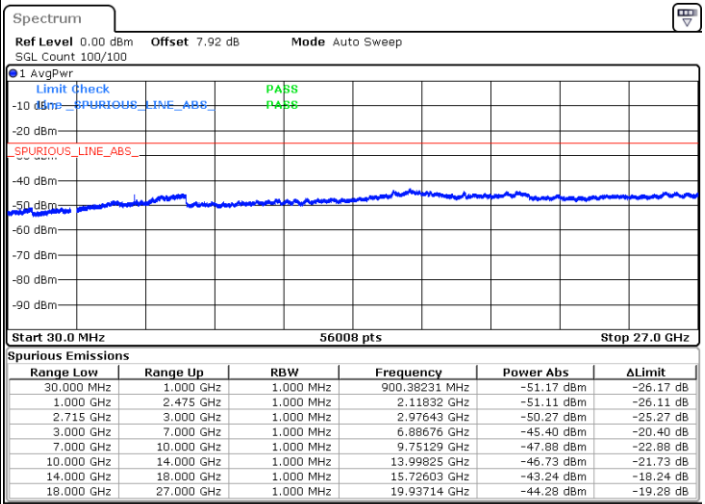
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 11.JAN.2018 16:31:21

Lowest Channel / 16QAM

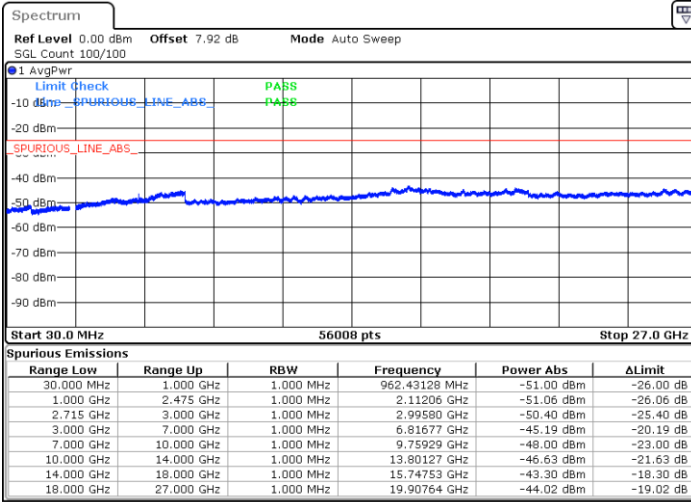


Date: 11.JAN.2018 16:32:10



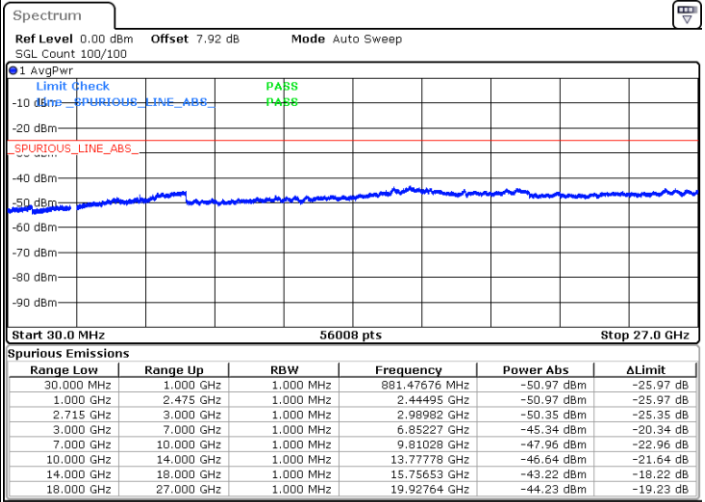
LTE Band 41 / 10MHz

Middle Channel / QPSK



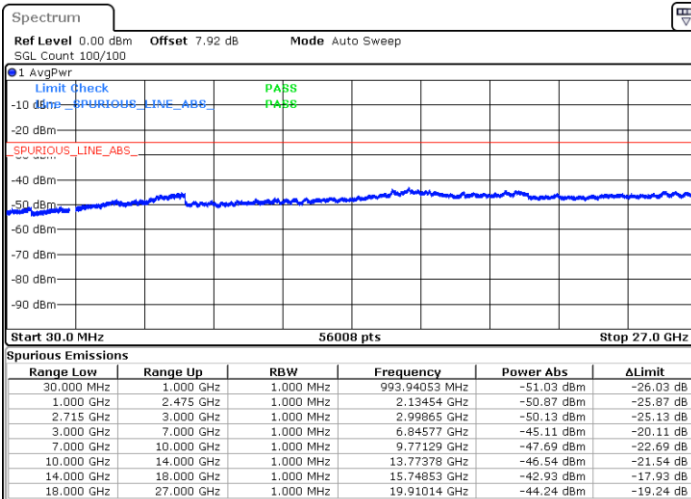
Date: 11. JAN.2018 16:46:19

Middle Channel / 16QAM



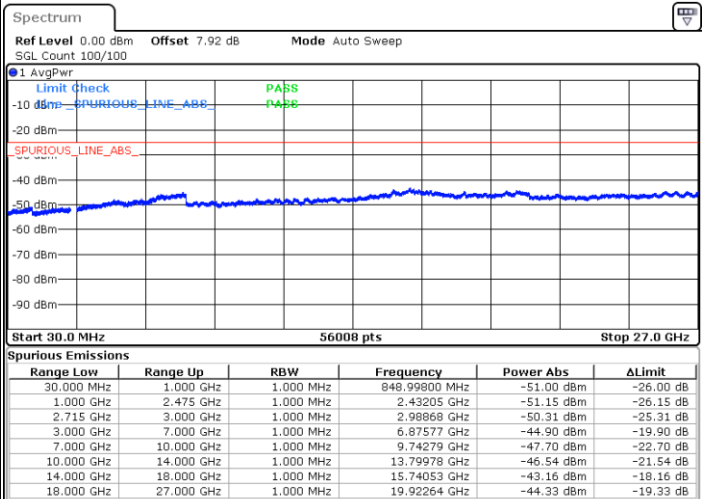
Date: 11. JAN.2018 16:34:44

Highest Channel / QPSK



Date: 11. JAN.2018 16:47:10

Highest Channel / 16QAM

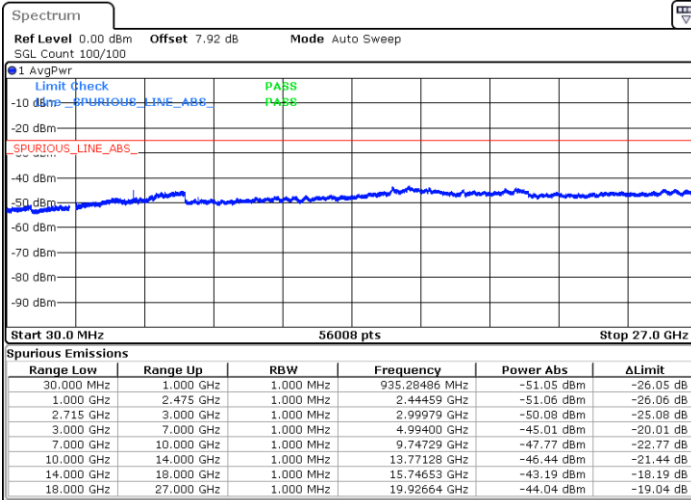


Date: 11. JAN.2018 16:47:57



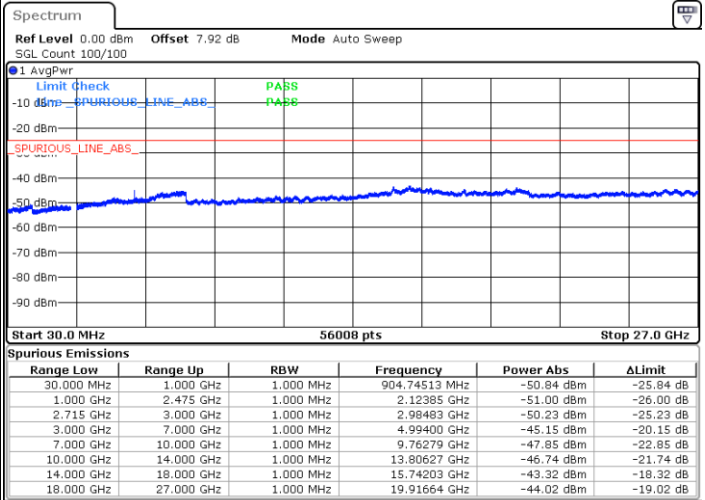
LTE Band 41 / 15MHz

Lowest Channel / QPSK



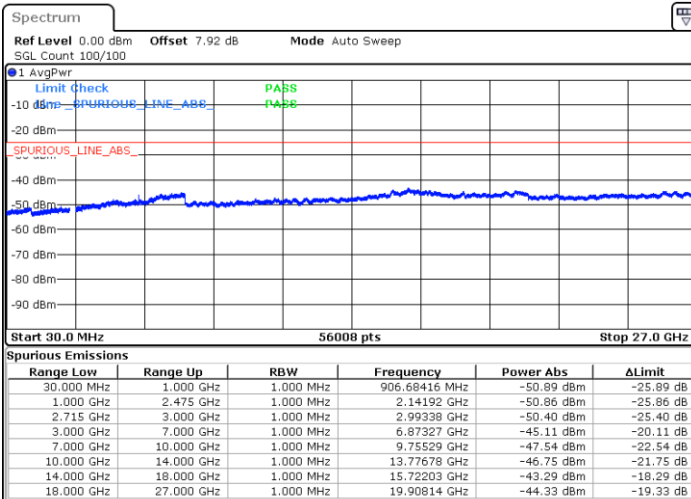
Date: 11. JAN.2018 16:50:38

Lowest Channel / 16QAM



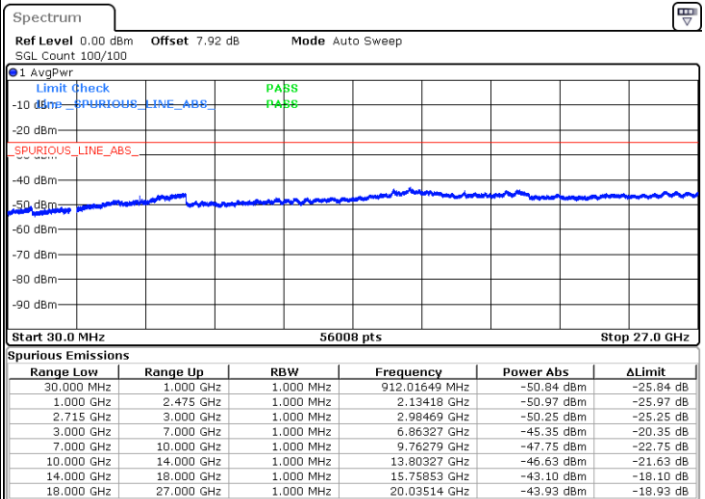
Date: 11. JAN.2018 16:51:32

Middle Channel / QPSK



Date: 11. JAN.2018 16:55:51

Middle Channel / 16QAM

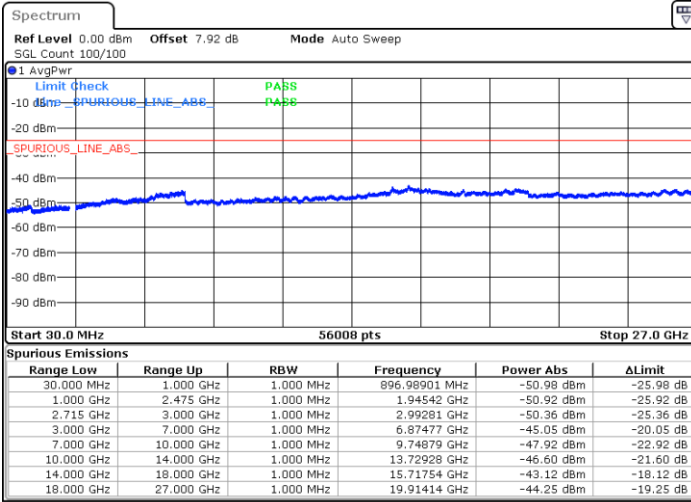


Date: 11. JAN.2018 16:55:03



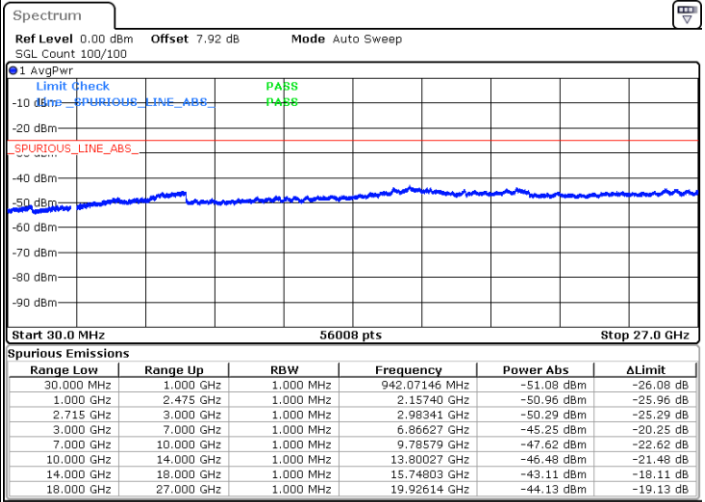
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 11.JAN.2018 16:56:41

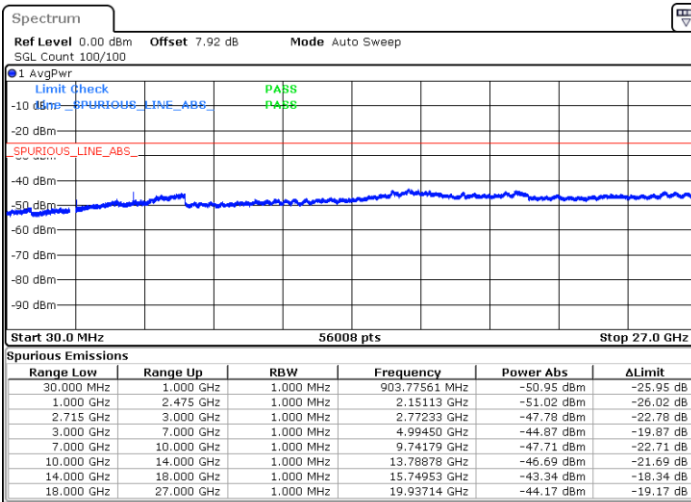
Highest Channel / 16QAM



Date: 11.JAN.2018 16:57:31

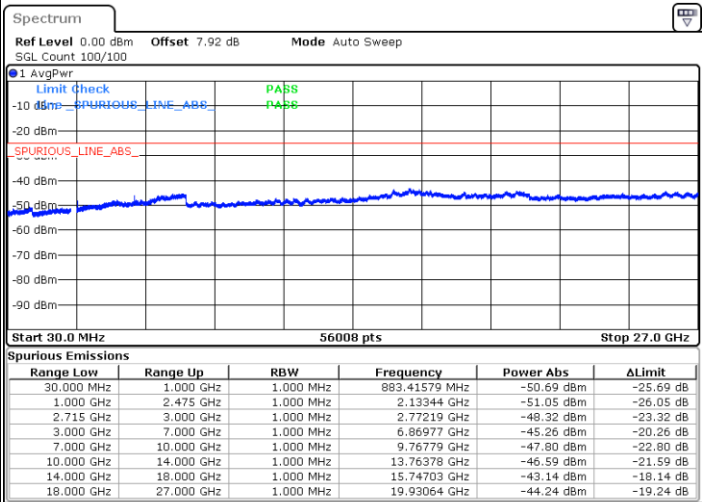
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 11.JAN.2018 16:59:56

Lowest Channel / 16QAM

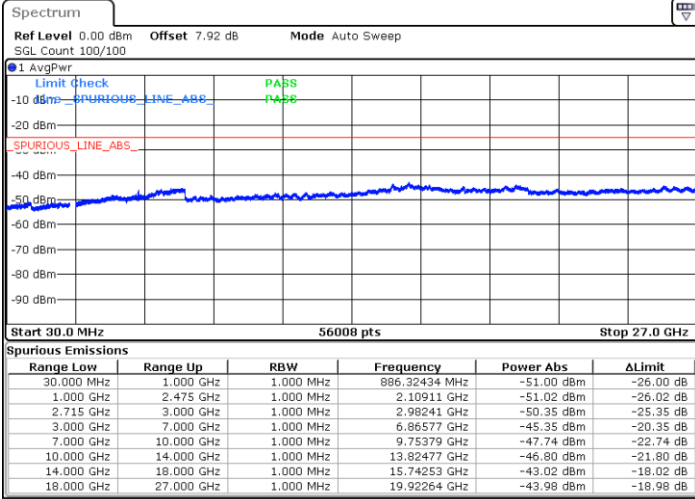


Date: 11.JAN.2018 17:00:44



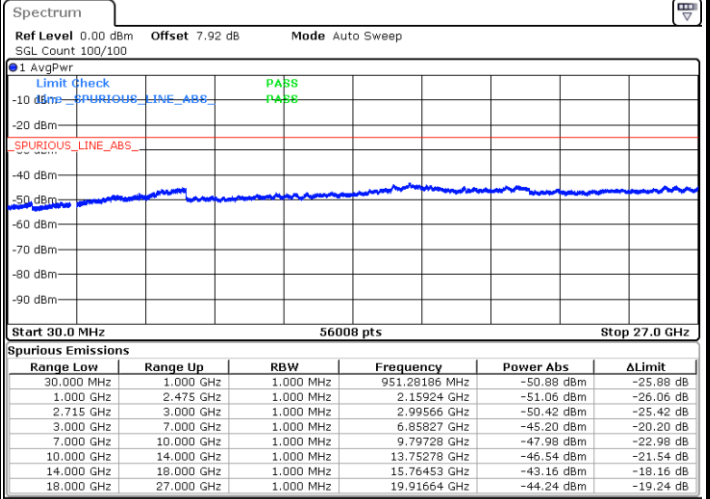
LTE Band 41 / 20MHz

Middle Channel / QPSK



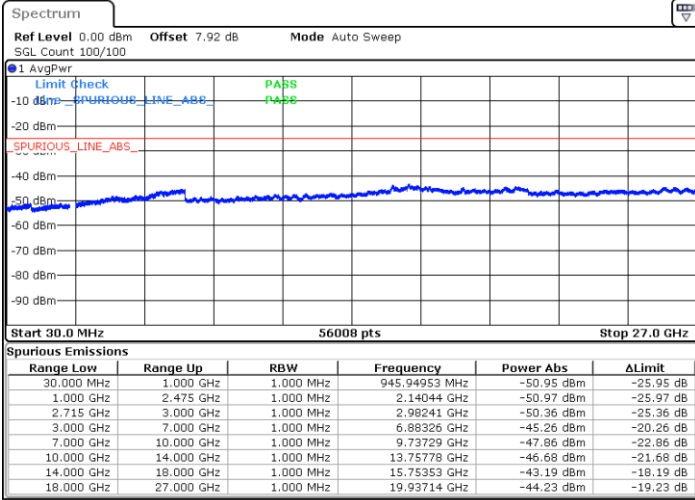
Date: 11.JAN.2018 17:04:36

Middle Channel / 16QAM



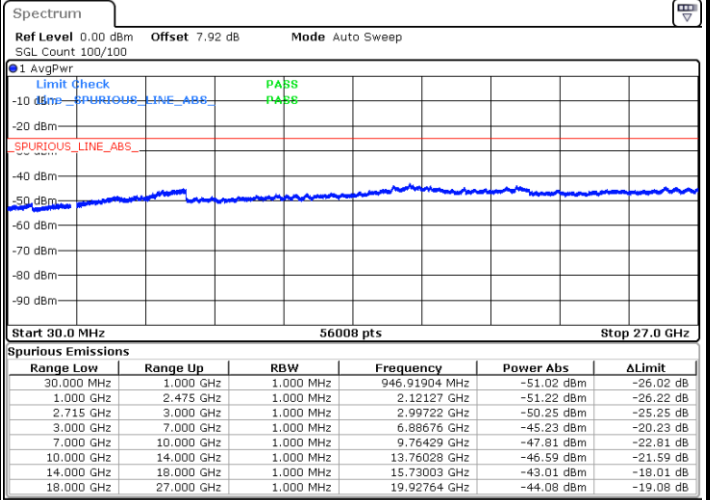
Date: 11.JAN.2018 17:03:46

Highest Channel / QPSK



Date: 11.JAN.2018 17:05:29

Highest Channel / 16QAM



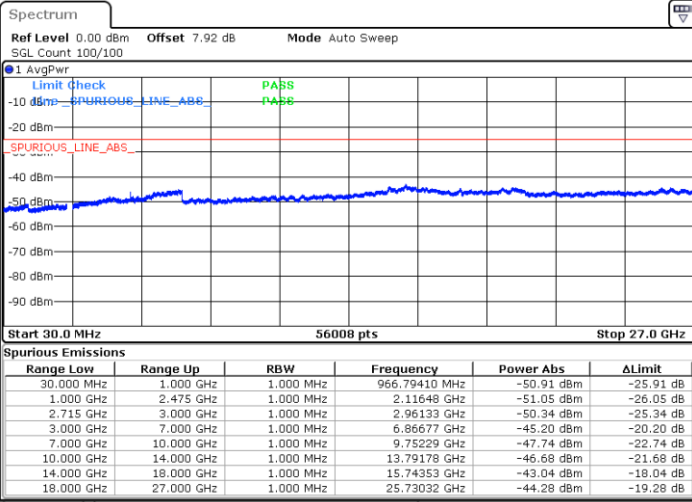
Date: 11.JAN.2018 17:06:20



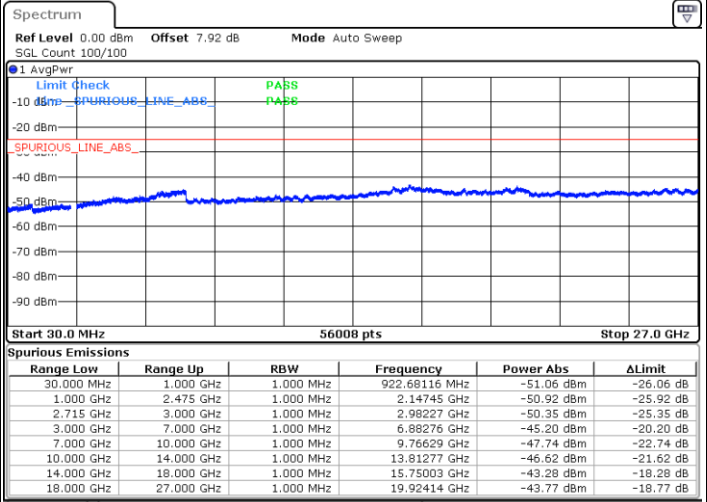
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

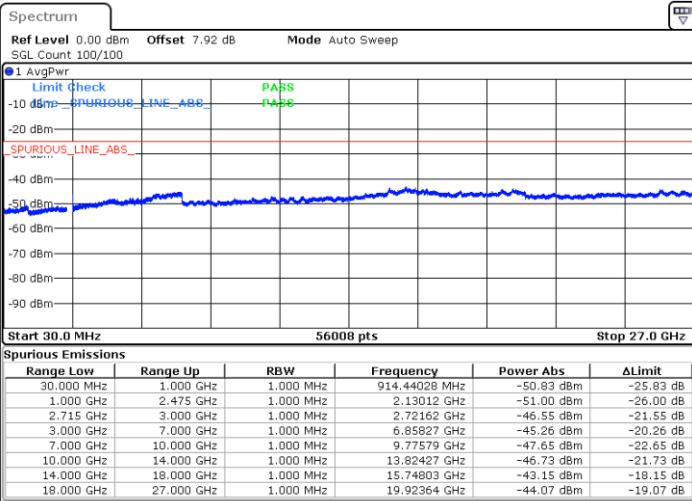


Date: 11. JAN.2018 16:26:16



Date: 11. JAN.2018 16:25:17

Highest Channel / 64QAM



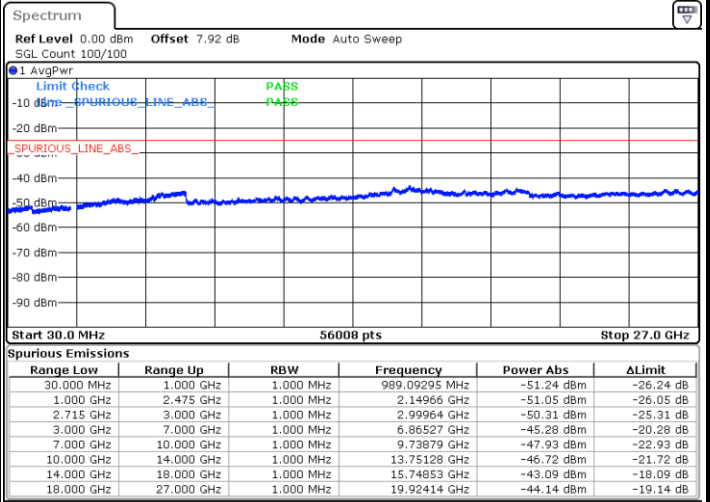
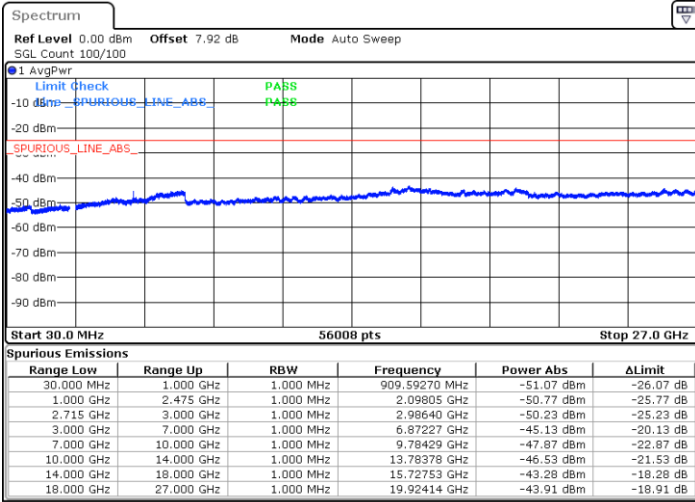
Date: 11. JAN.2018 16:30:30



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

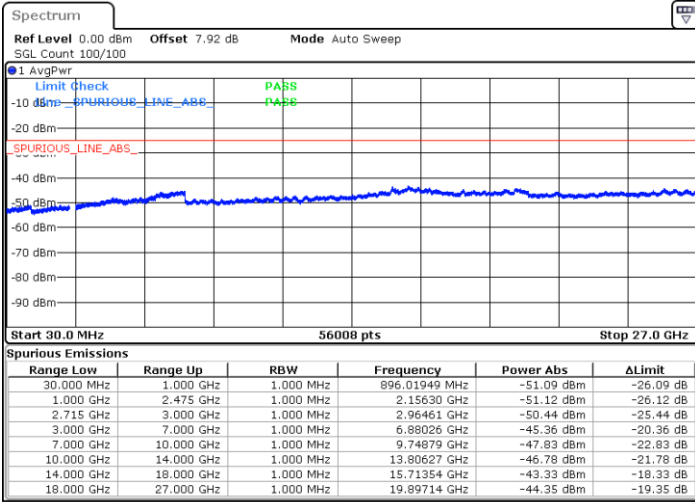
Middle Channel / 64QAM



Date: 11. JAN.2018 16:33:00

Date: 11. JAN.2018 16:33:56

Highest Channel / 64QAM

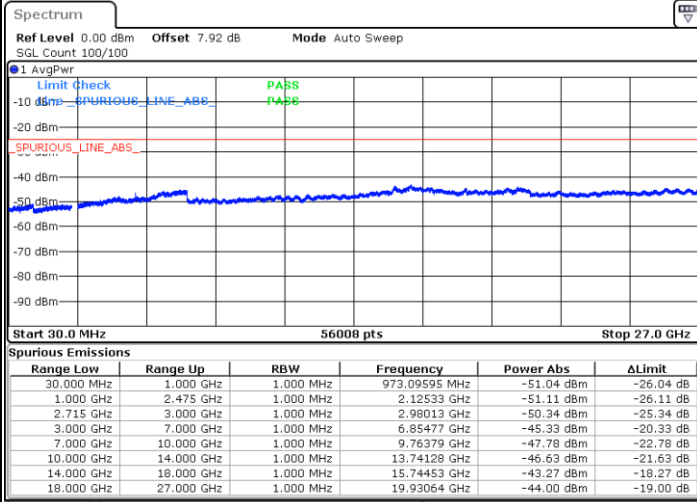


Date: 11. JAN.2018 16:48:50



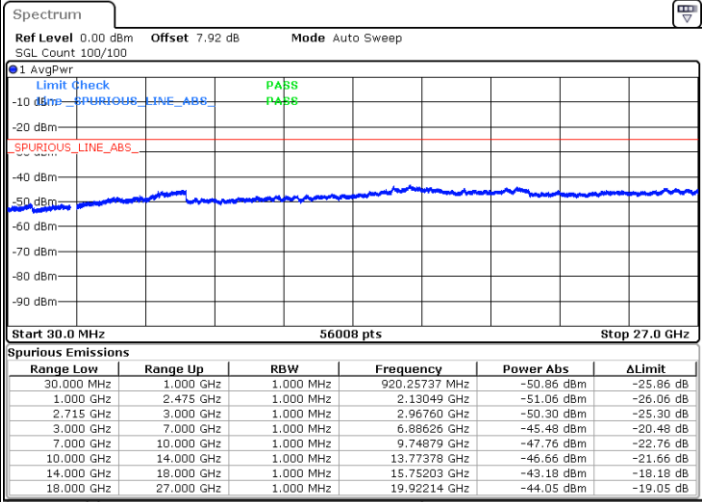
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



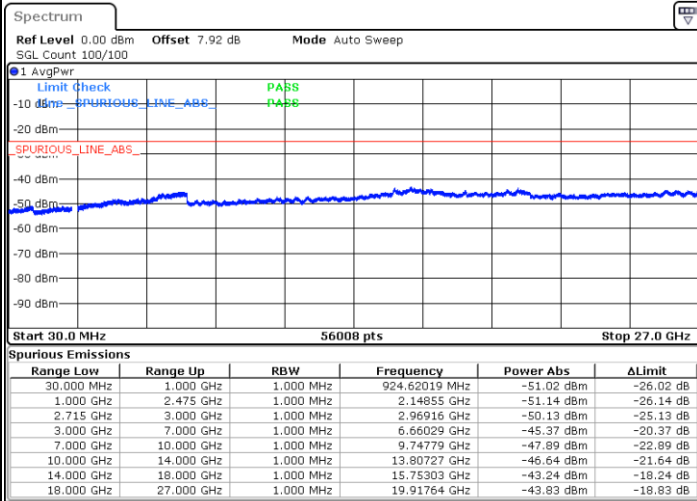
Date: 11. JAN.2018 16:52:22

Middle Channel / 64QAM



Date: 11. JAN.2018 16:53:12

Highest Channel / 64QAM



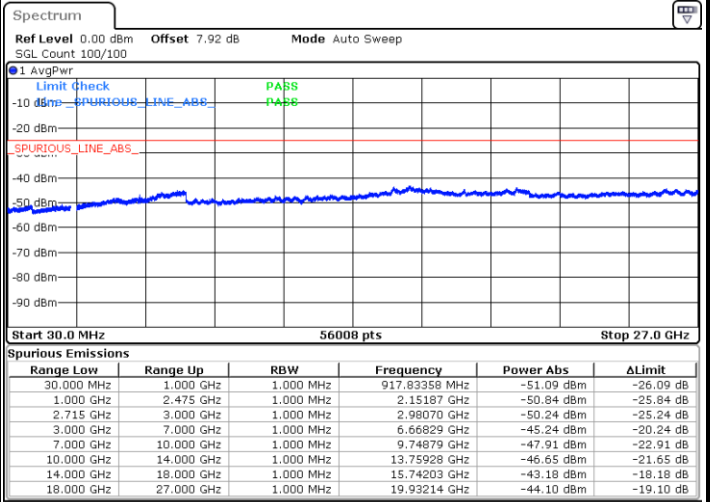
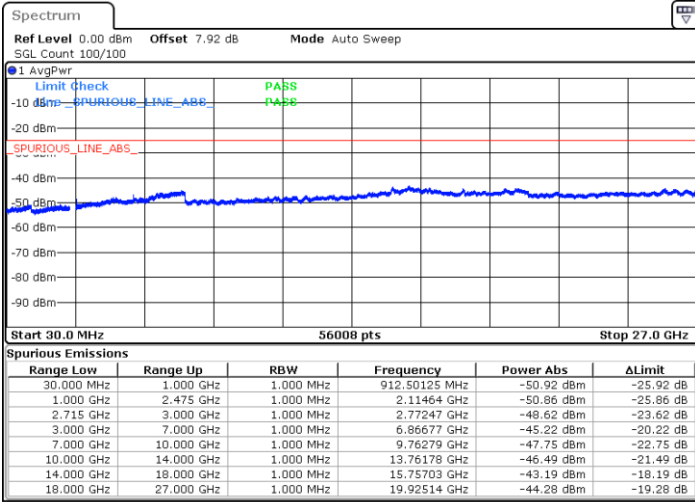
Date: 11. JAN.2018 16:58:25



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

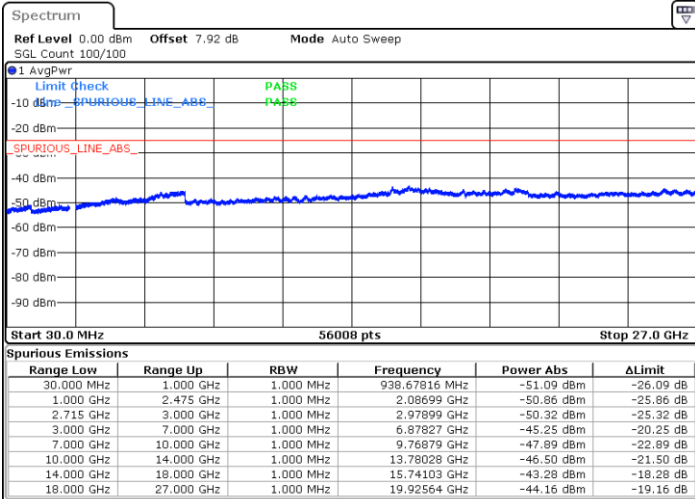
Middle Channel / 64QAM



Date: 11.JAN.2018 17:02:01

Date: 11.JAN.2018 17:02:54

Highest Channel / 64QAM



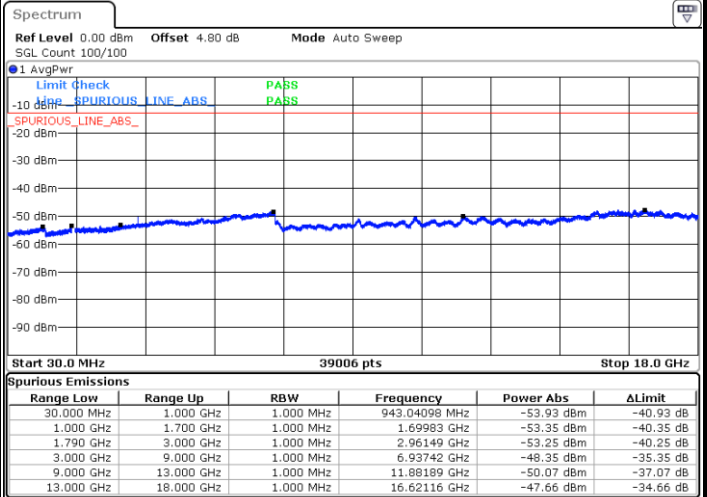
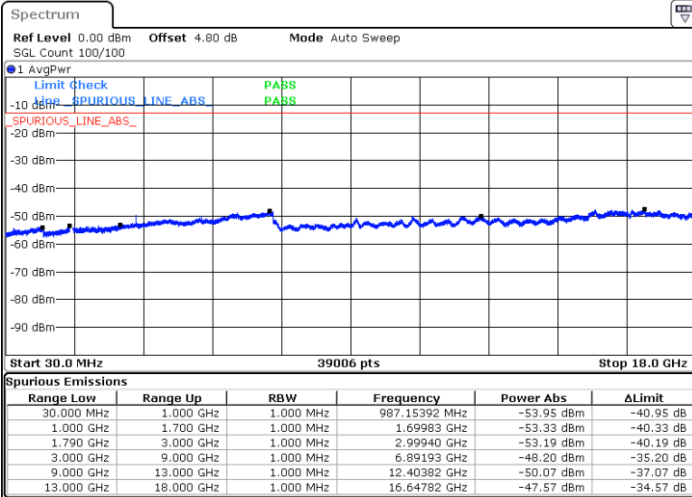
Date: 11.JAN.2018 17:07:11



LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

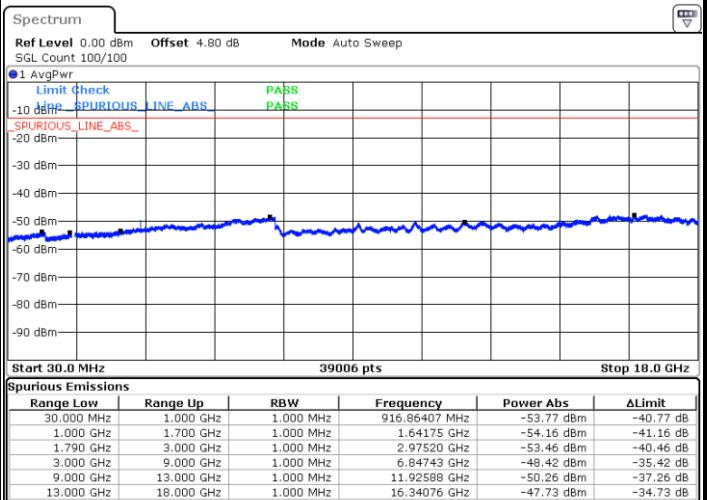
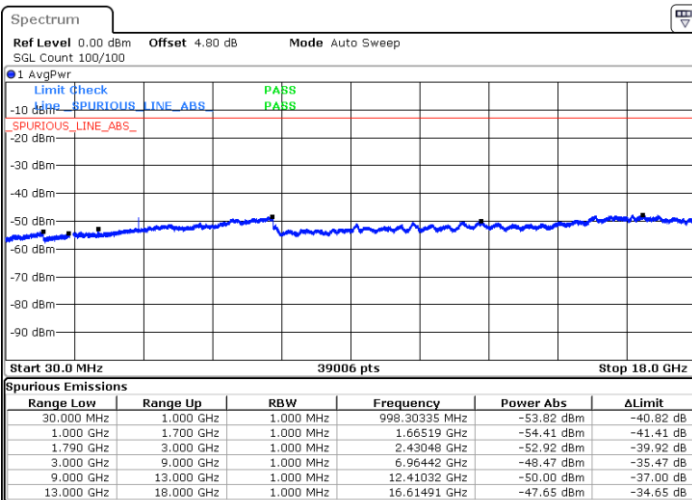


Date: 8 JAN 2018 08:38:03

Date: 8 JAN 2018 08:37:12

Middle Channel / QPSK

Middle Channel / 16QAM



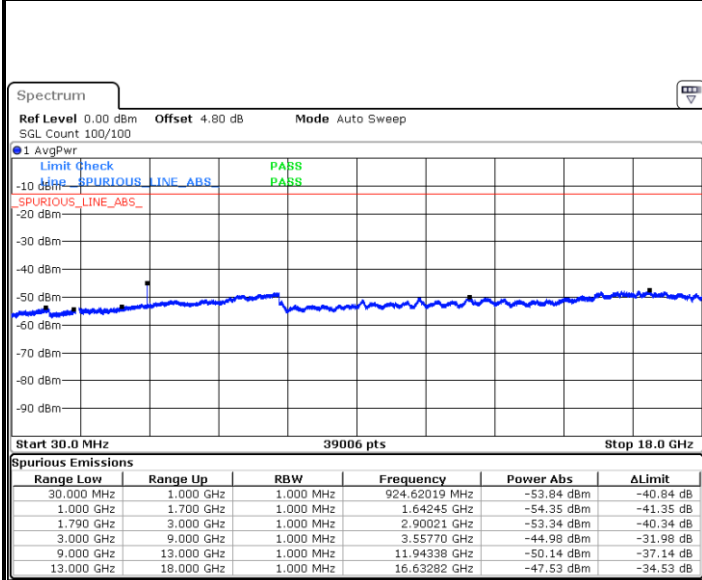
Date: 8 JAN 2018 08:46:51

Date: 8 JAN 2018 08:45:41



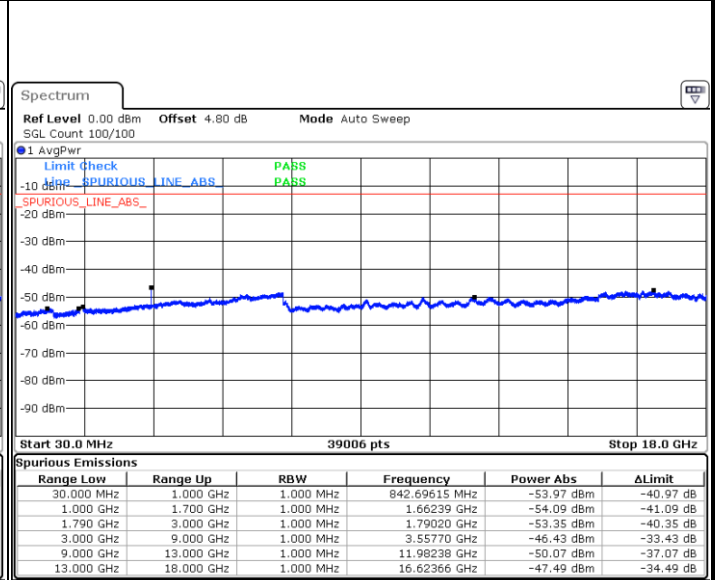
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 8 JAN 2018 08:54:37

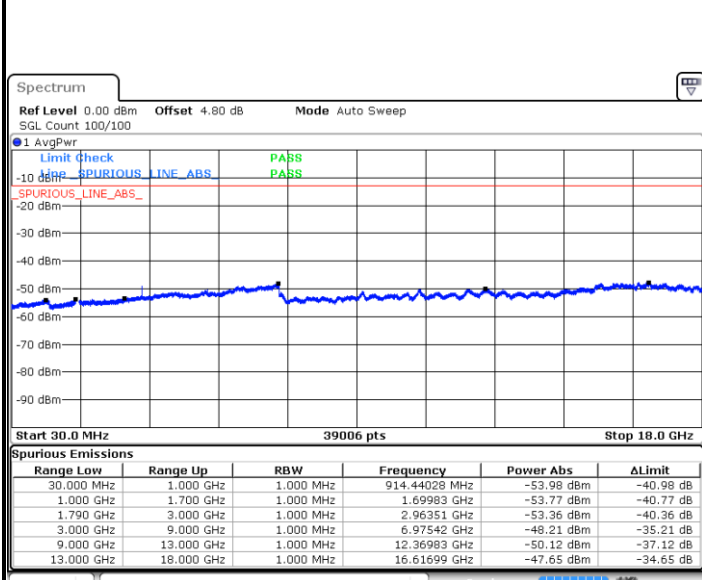
Highest Channel / 16QAM



Date: 8 JAN 2018 08:53:04

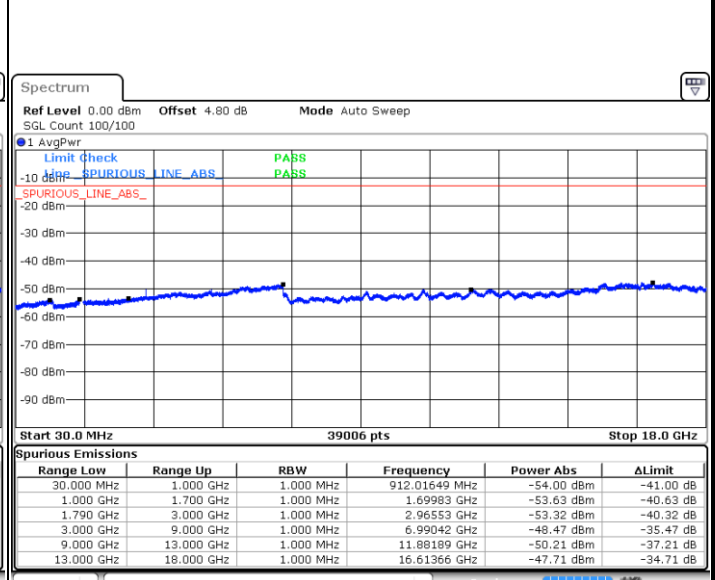
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 8 JAN 2018 09:05:50

Lowest Channel / 16QAM



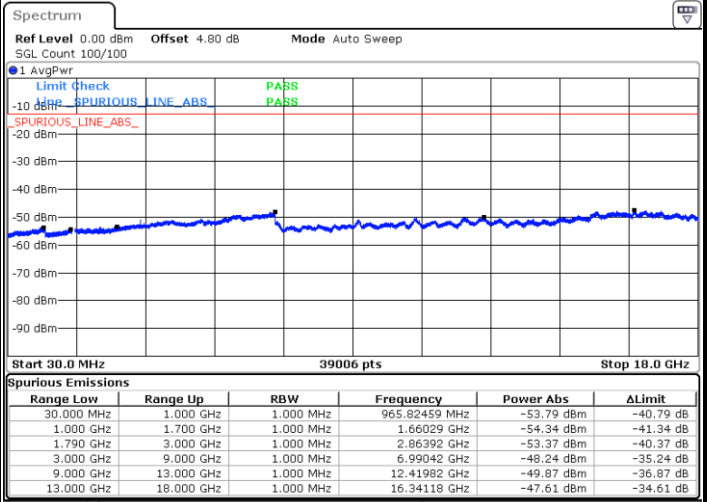
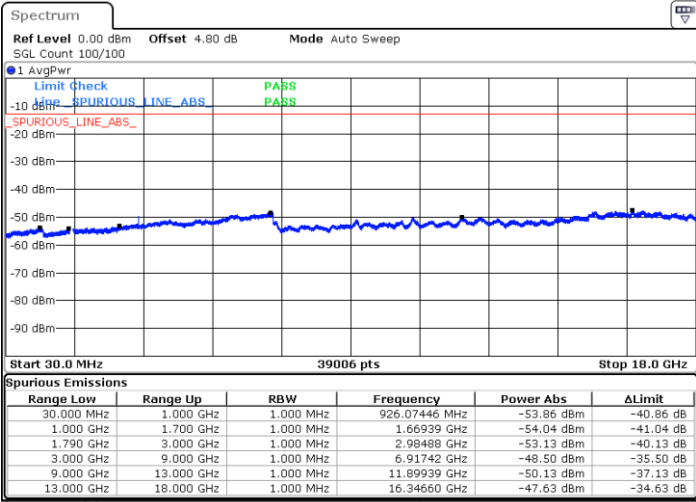
Date: 8 JAN 2018 09:04:40



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

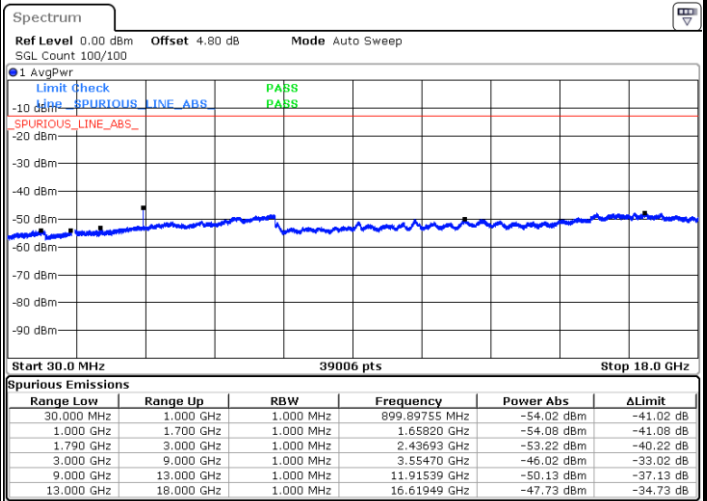
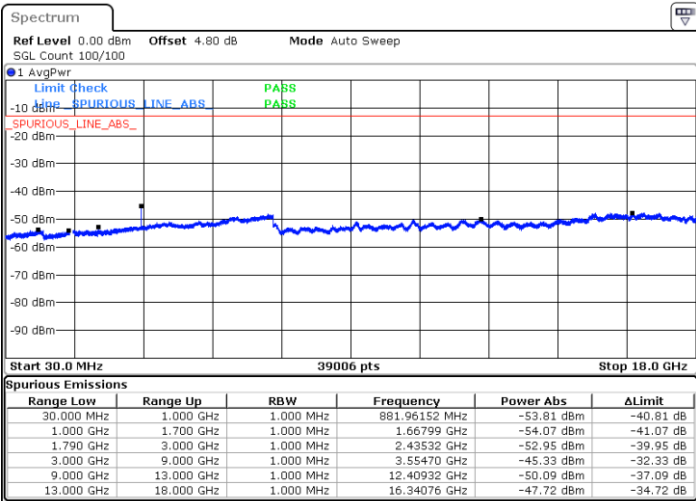


Date: 8 JAN 2018 09:14:49

Date: 8 JAN 2018 09:14:00

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JAN 2018 09:17:40

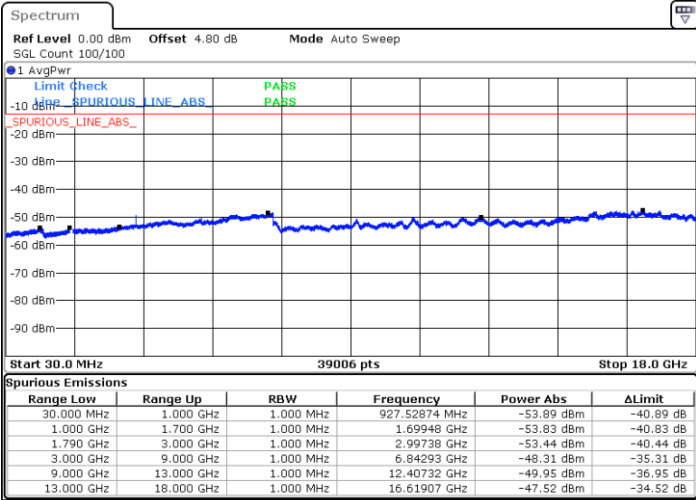
Date: 8 JAN 2018 09:16:49



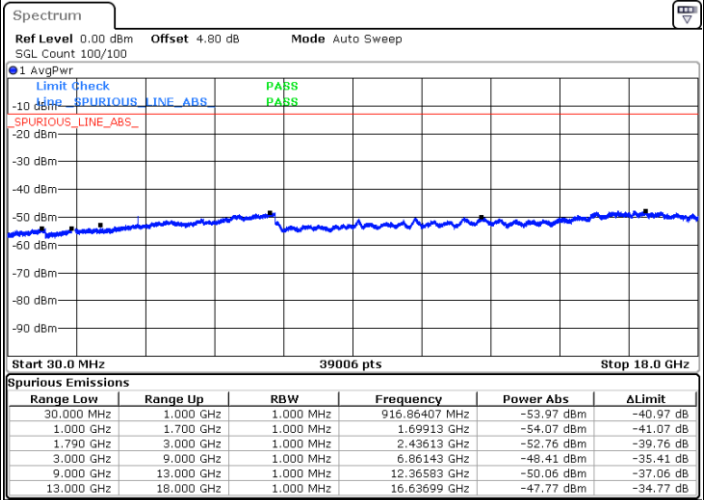
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



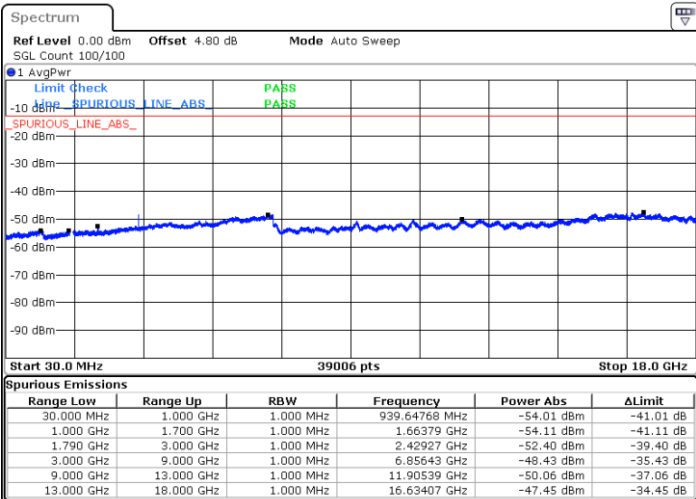
Date: 8 JAN 2018 09:25:34



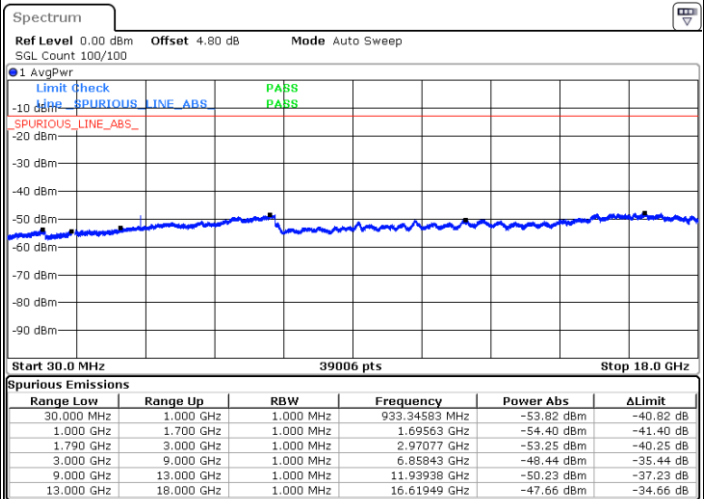
Date: 8 JAN 2018 09:24:49

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JAN 2018 09:32:30

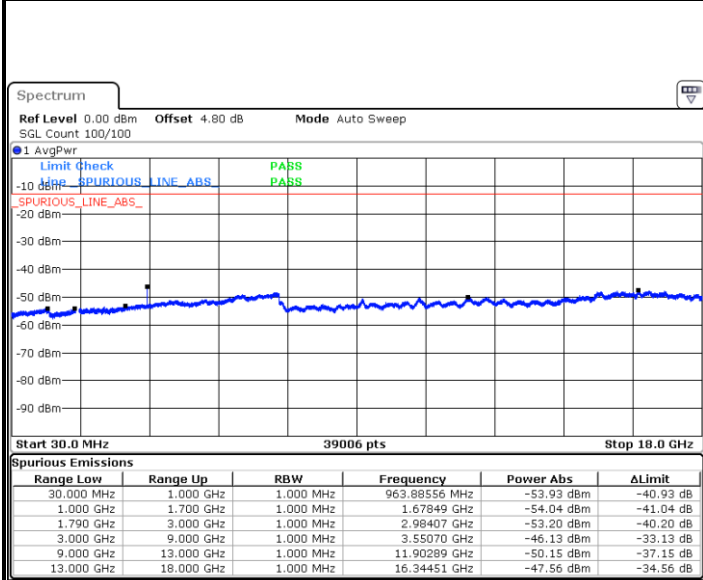


Date: 8 JAN 2018 09:31:51



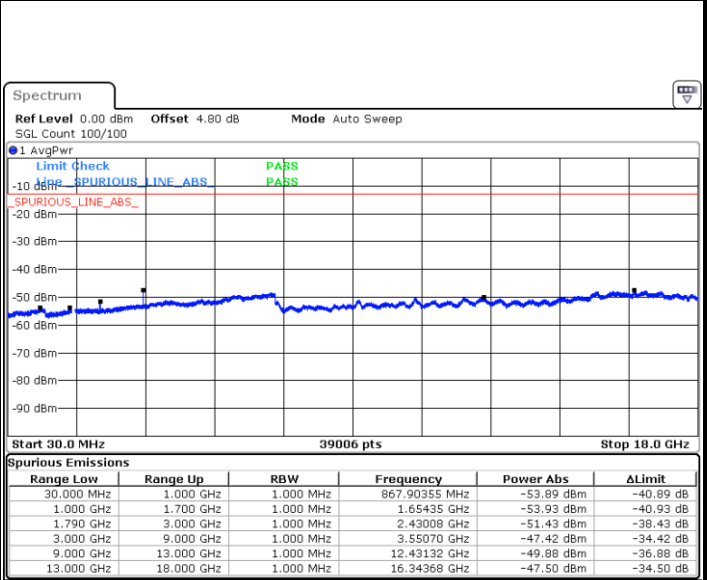
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 8 JAN 2018 09:35:20

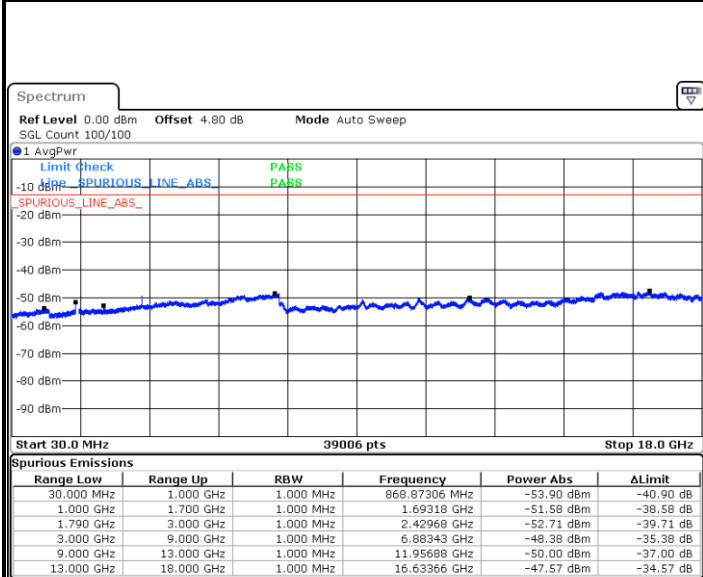
Highest Channel / 16QAM



Date: 8 JAN 2018 09:34:35

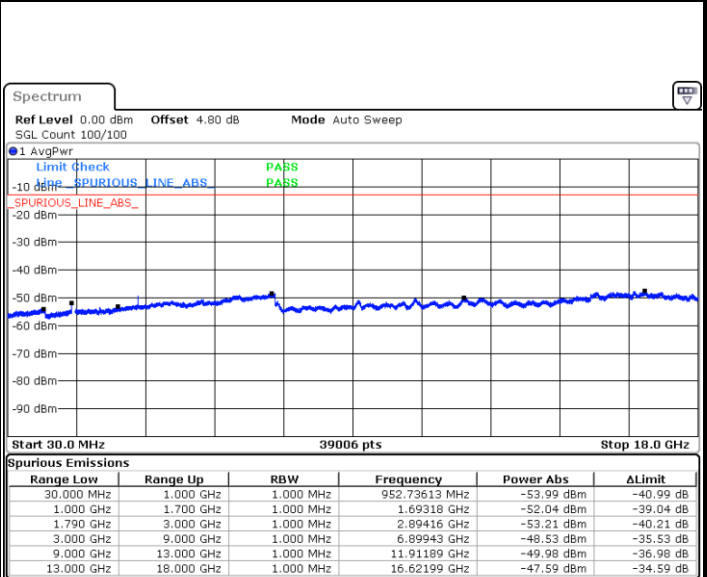
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 8 JAN 2018 09:41:27

Lowest Channel / 16QAM



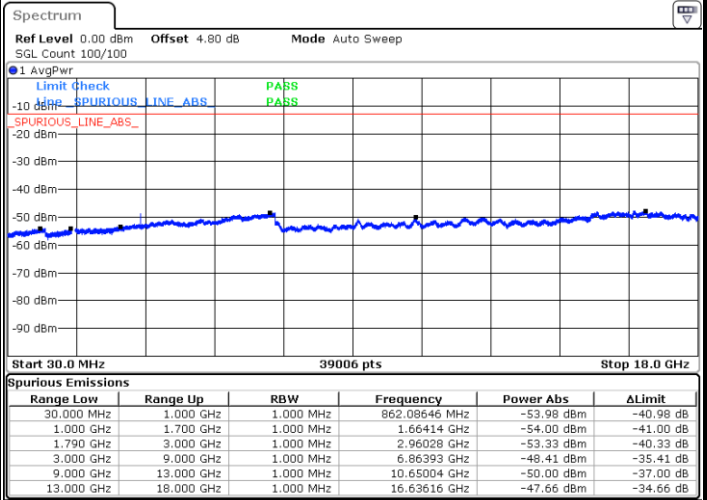
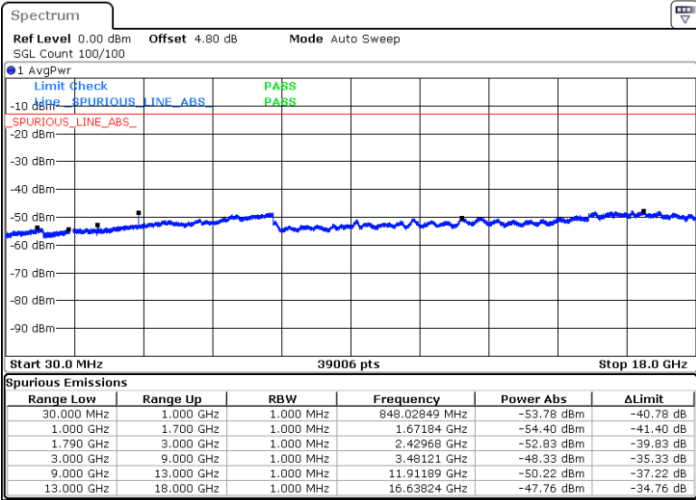
Date: 8 JAN 2018 09:40:40



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

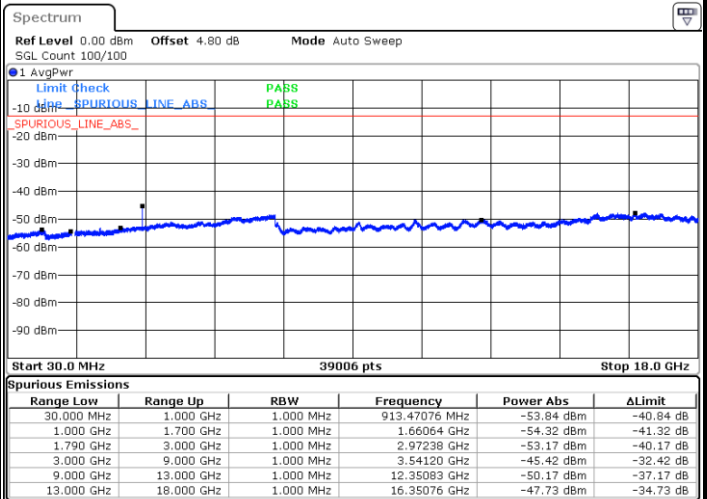
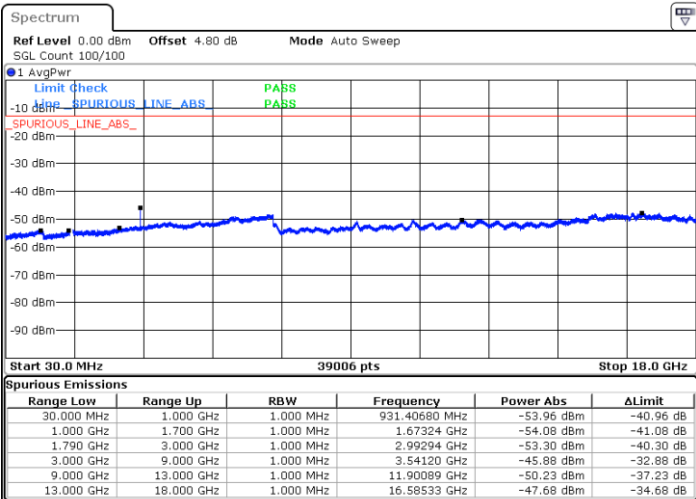


Date: 8 JAN 2018 09:47:19

Date: 8 JAN 2018 09:46:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JAN 2018 09:49:59

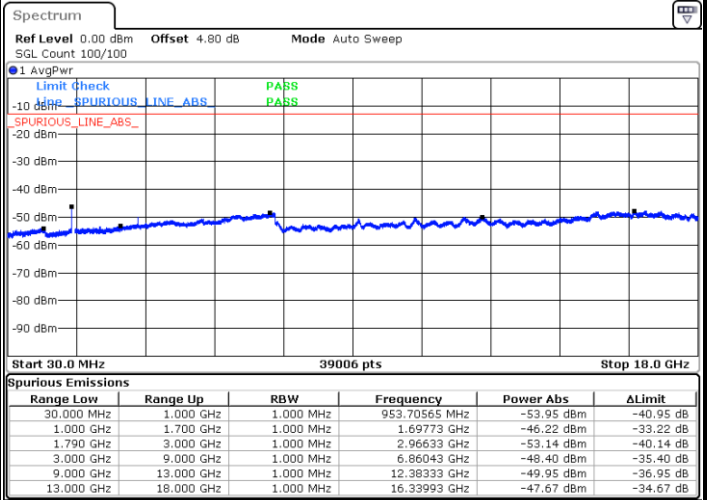
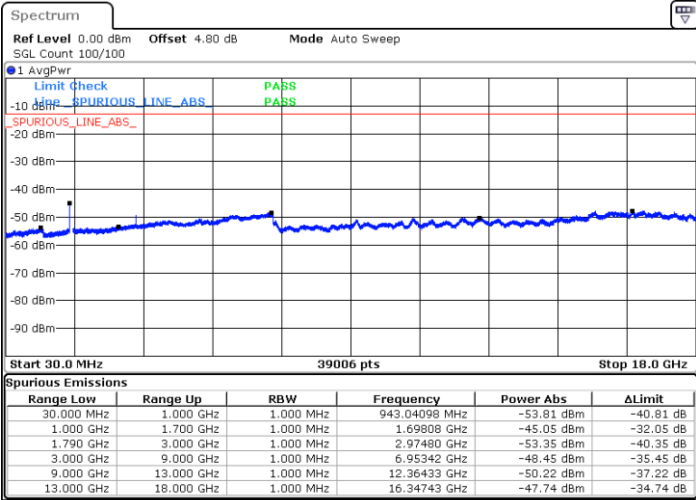
Date: 8 JAN 2018 09:49:17



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

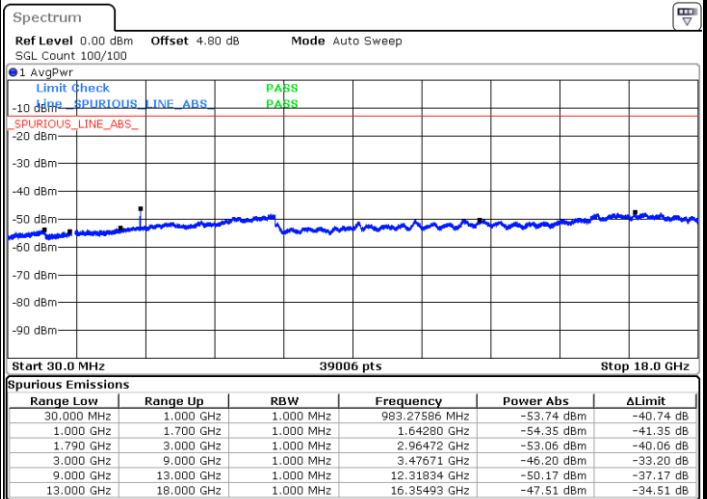
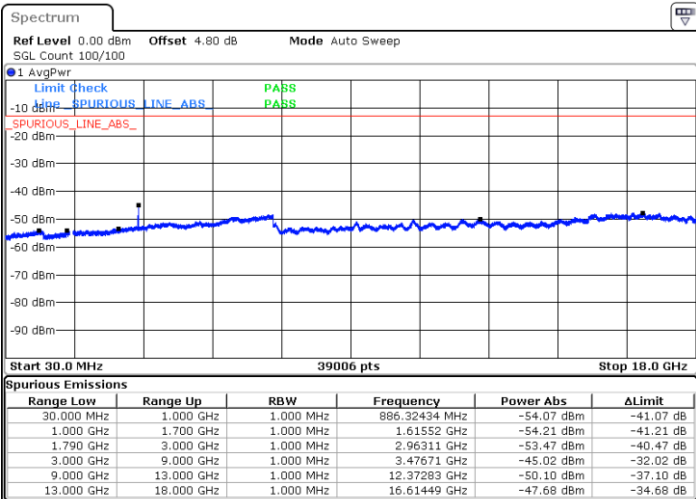


Date: 8 JAN 2018 09:57:02

Date: 8 JAN 2018 09:56:17

Middle Channel / QPSK

Middle Channel / 16QAM



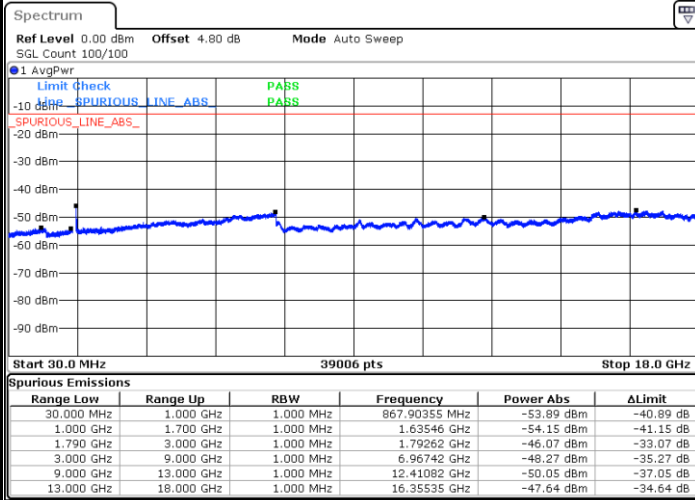
Date: 8 JAN 2018 10:02:56

Date: 8 JAN 2018 10:03:32



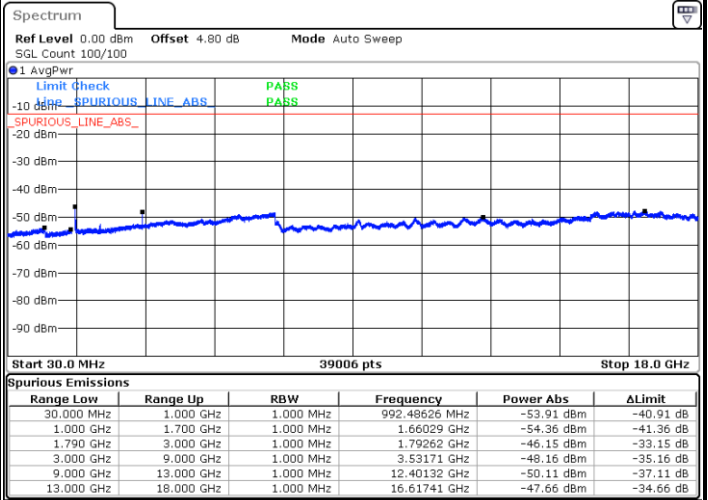
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 8 JAN 2018 10:07:34

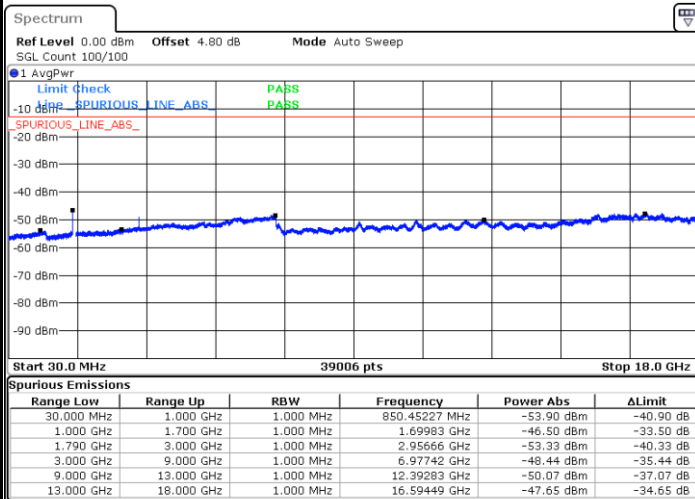
Highest Channel / 16QAM



Date: 8 JAN 2018 10:05:57

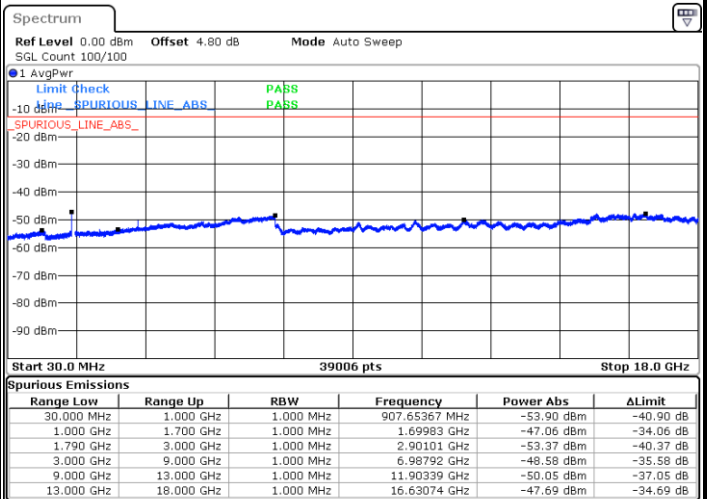
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 8 JAN 2018 10:13:45

Lowest Channel / 16QAM



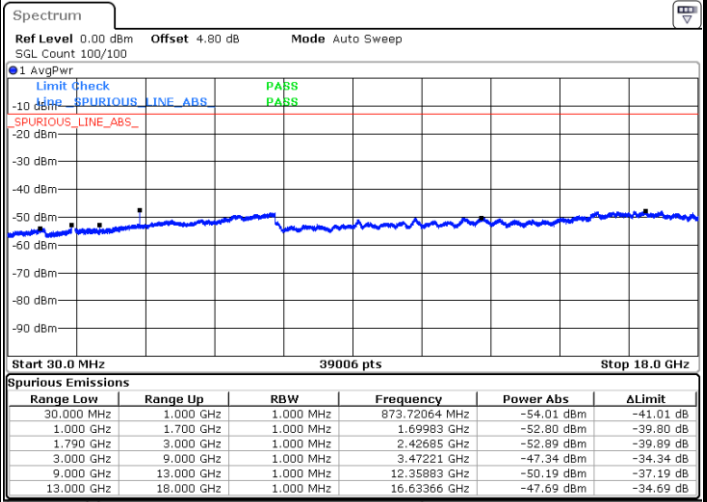
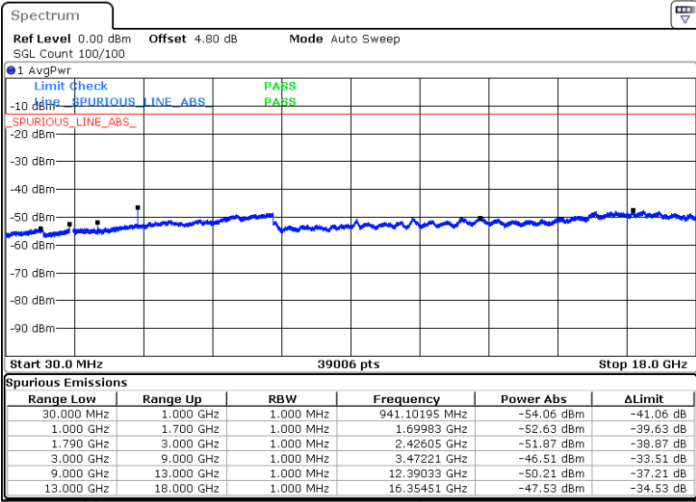
Date: 8 JAN 2018 10:13:06



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

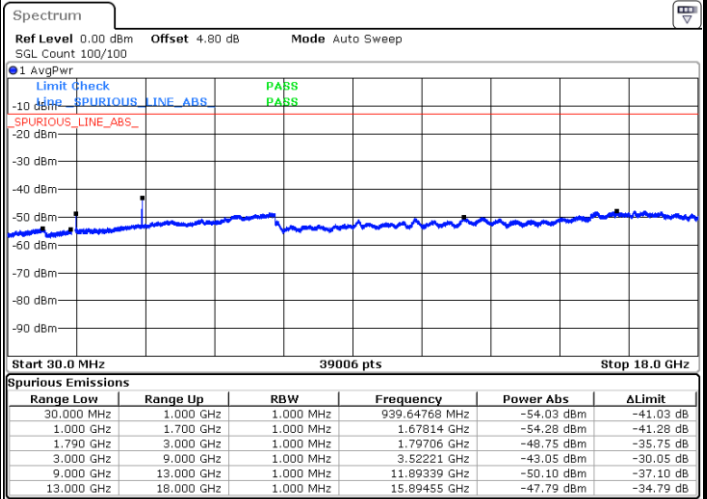
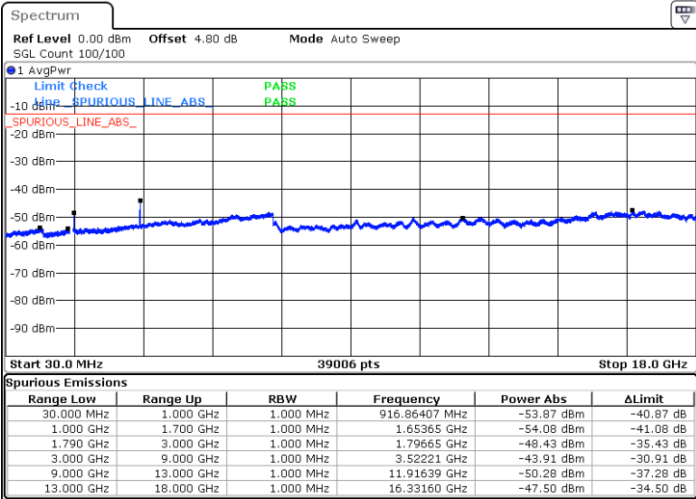


Date: 8 JAN 2018 10:20:24

Date: 8 JAN 2018 10:19:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JAN 2018 10:24:28

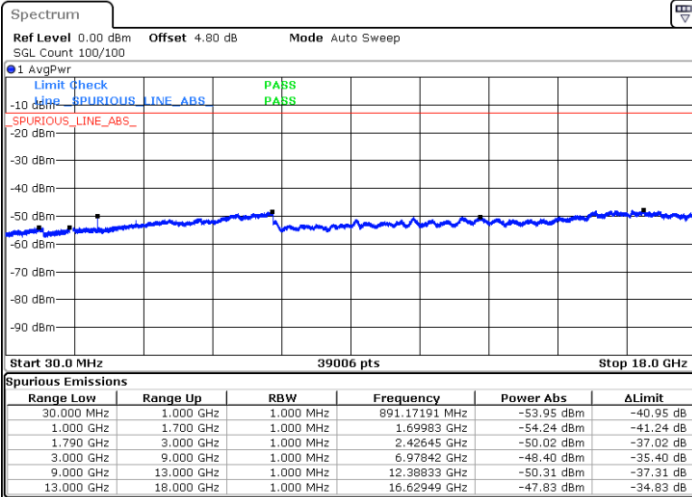
Date: 8 JAN 2018 10:23:34



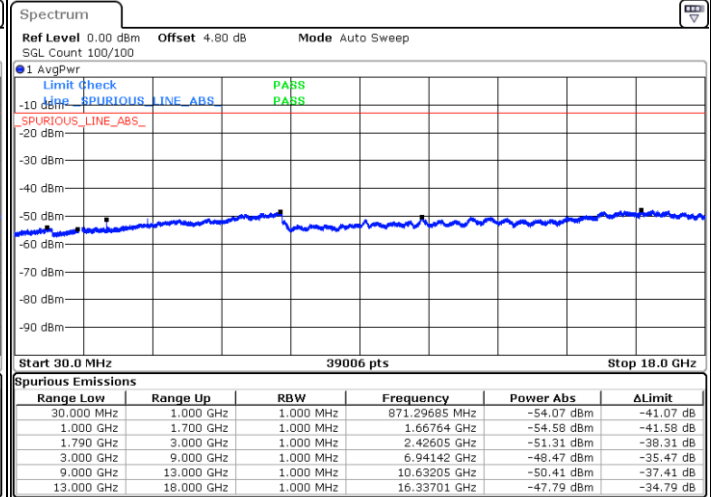
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

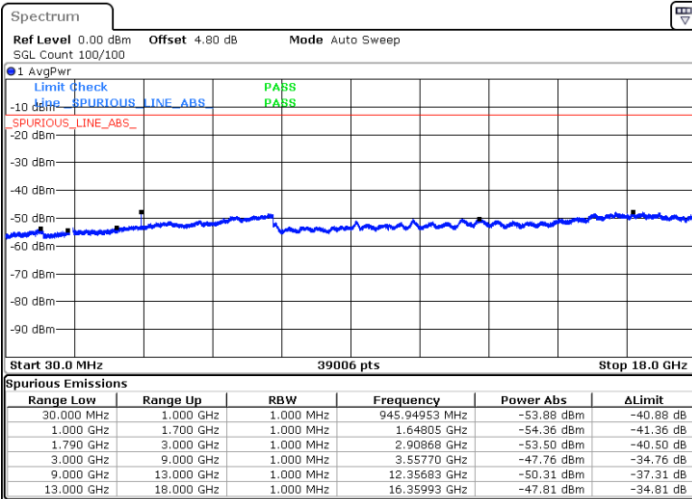


Date: 8 JAN 2018 12:52:30



Date: 8 JAN 2018 12:58:47

Highest Channel / 64QAM



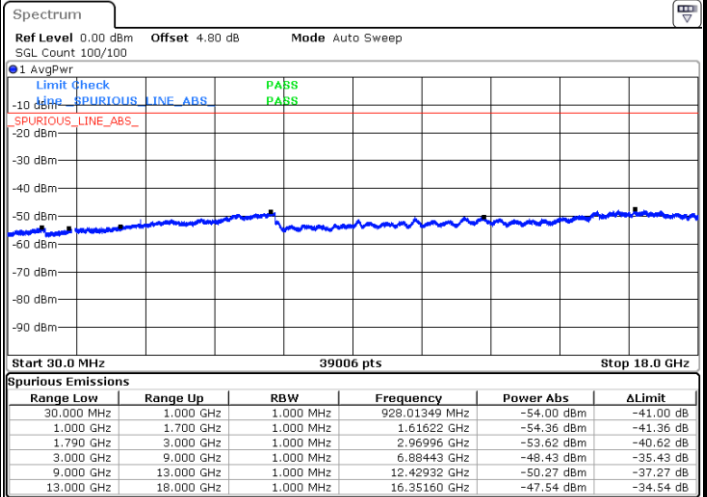
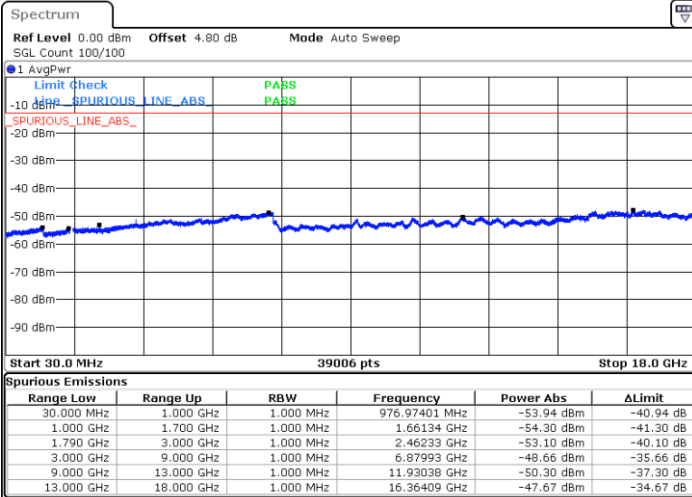
Date: 8 JAN 2018 13:00:29



LTE Band 66 / 3MHz

Lowest Channel / 64QAM

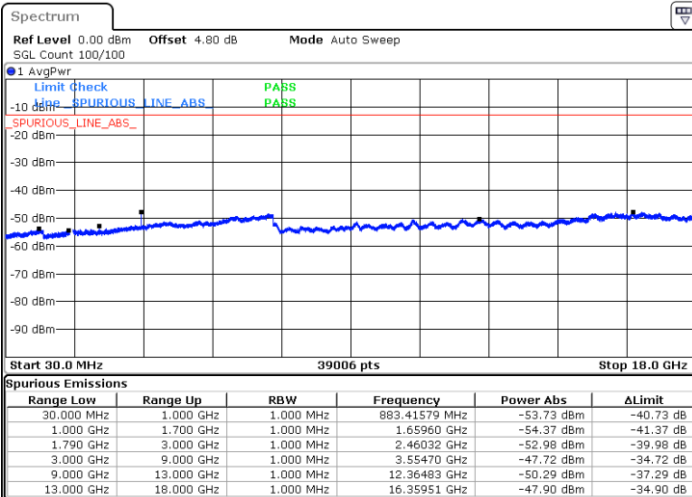
Middle Channel / 64QAM



Date: 8 JAN 2018 13:06:24

Date: 8 JAN 2018 13:10:32

Highest Channel / 64QAM



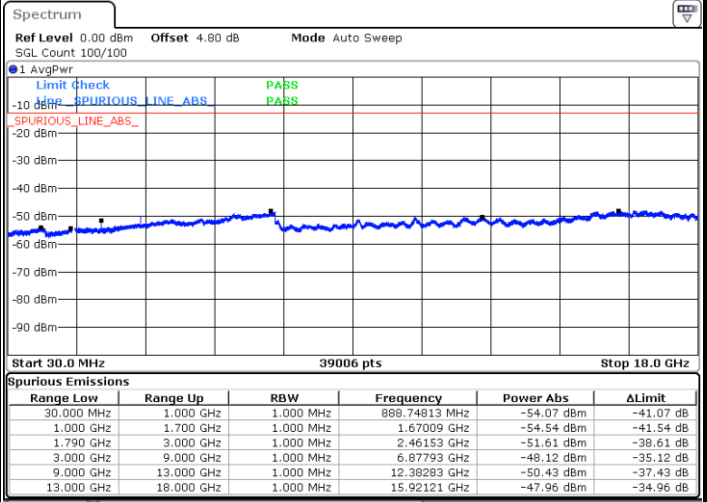
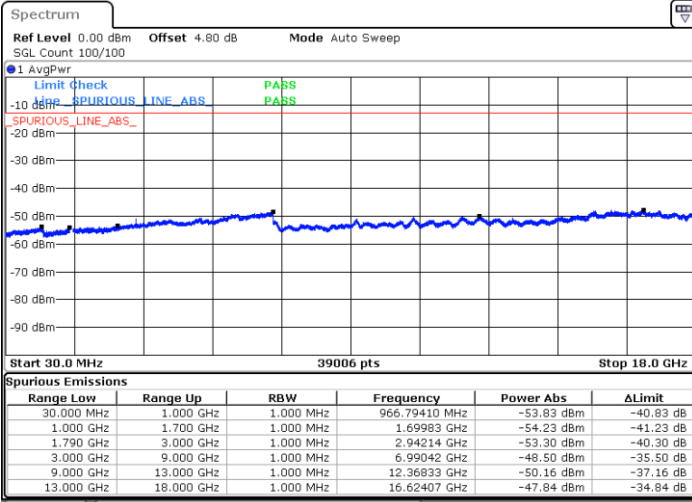
Date: 8 JAN 2018 13:12:01



LTE Band 66 / 5MHz

Lowest Channel / 64QAM

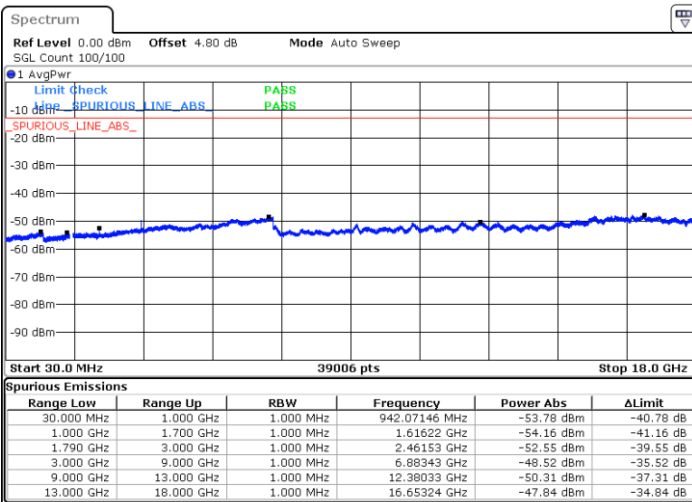
Middle Channel / 64QAM



Date: 8 JAN 2018 13:17:01

Date: 8 JAN 2018 13:21:39

Highest Channel / 64QAM



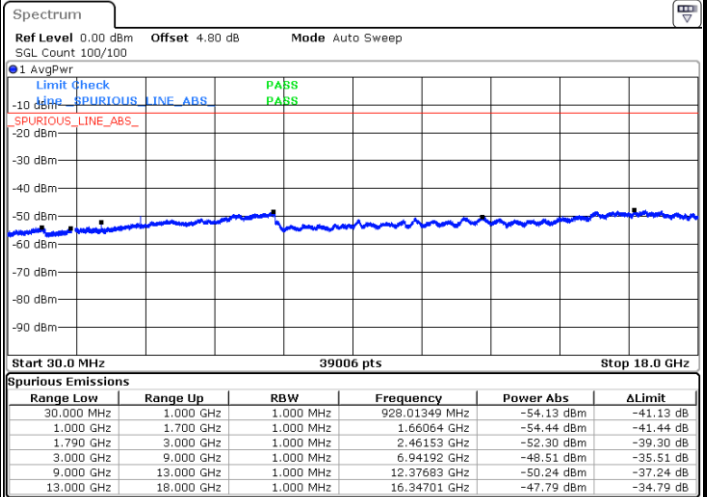
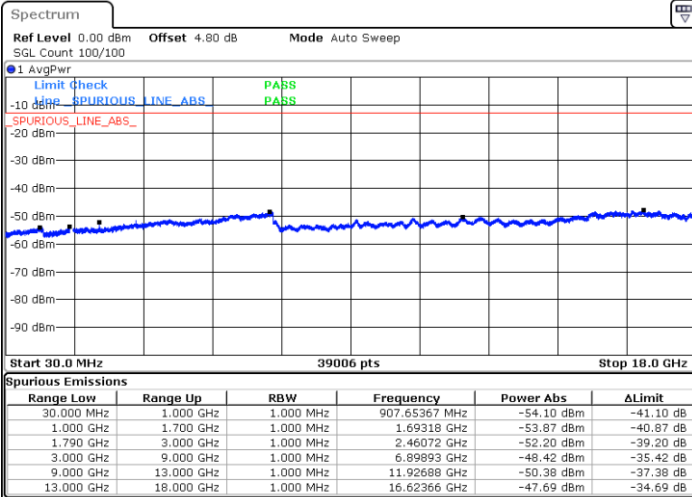
Date: 8 JAN 2018 13:23:31



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

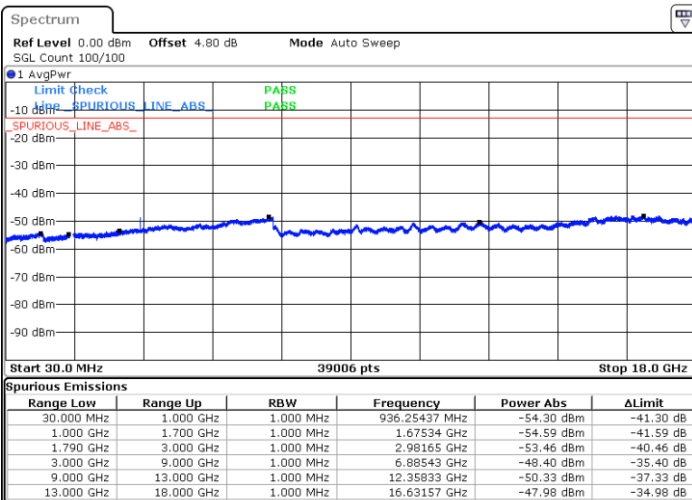
Middle Channel / 64QAM



Date: 8 JAN 2018 13:27:16

Date: 8 JAN 2018 13:30:20

Highest Channel / 64QAM



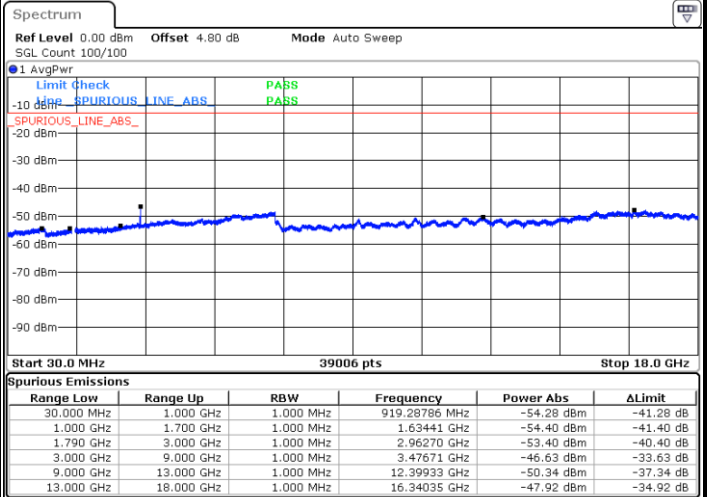
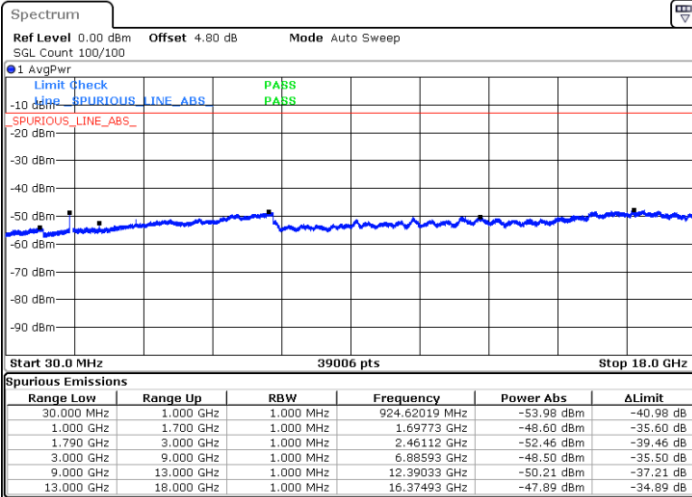
Date: 8 JAN 2018 13:32:08



LTE Band 66 / 15MHz

Lowest Channel / 64QAM

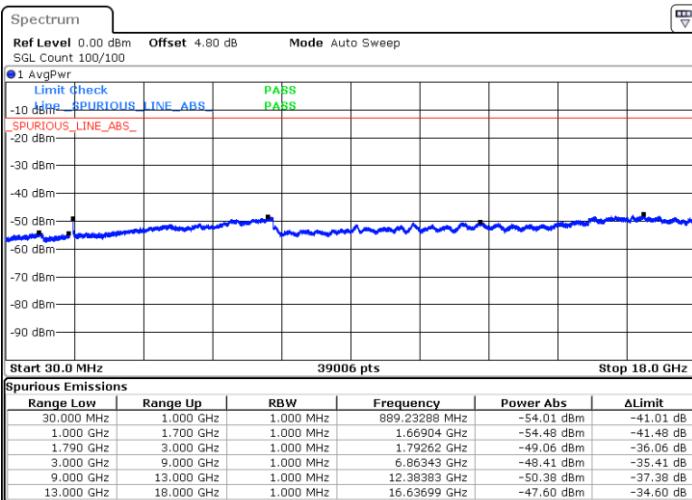
Middle Channel / 64QAM



Date: 8 JAN 2018 13:35:03

Date: 8 JAN 2018 13:37:04

Highest Channel / 64QAM



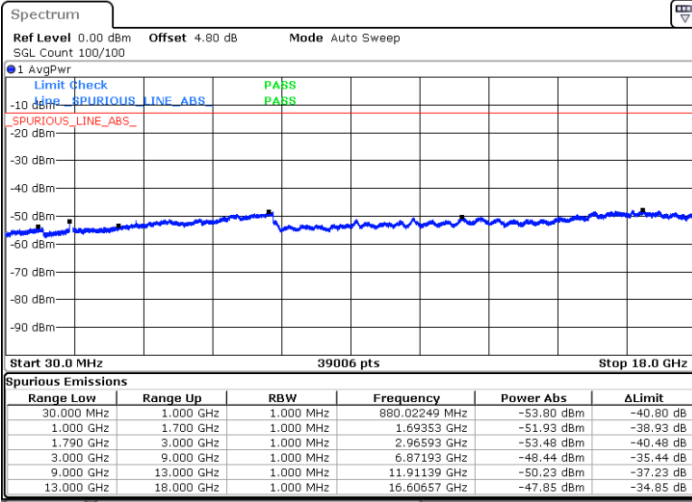
Date: 8 JAN 2018 13:38:43



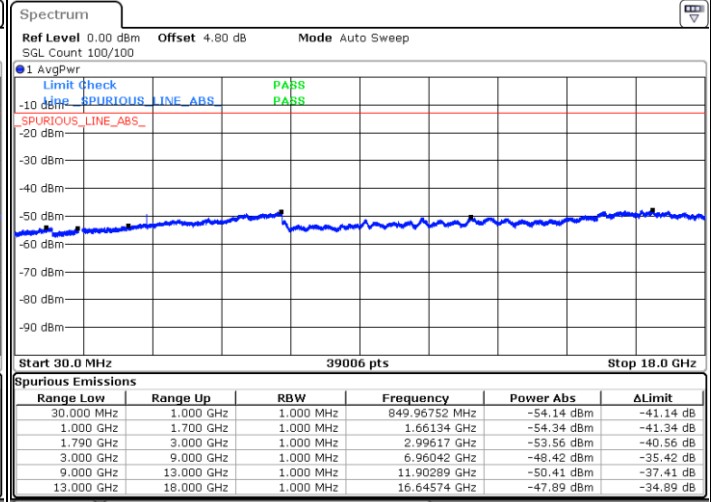
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

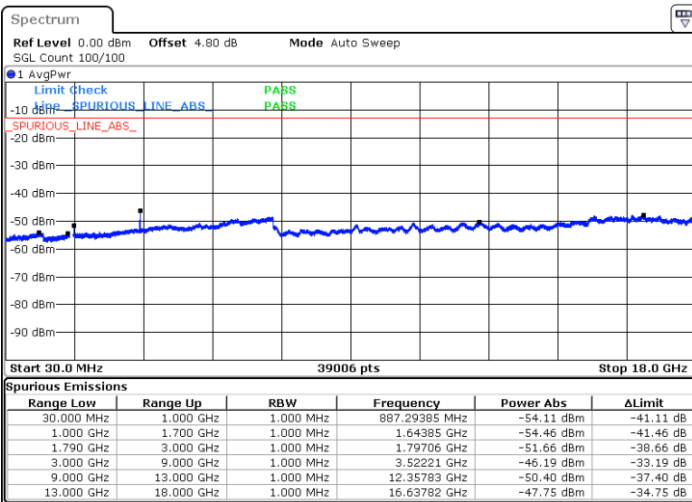


Date: 8 JAN 2018 13:41:17



Date: 8 JAN 2018 13:44:54

Highest Channel / 64QAM



Date: 8 JAN 2018 13:47:34



Frequency Stability

| Test Conditions | | LTE Band 2 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0011 | PASS |
| 40 | Normal Voltage | 0.0005 | |
| 30 | Normal Voltage | 0.0019 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0003 | |
| 0 | Normal Voltage | 0.0022 | |
| -10 | Normal Voltage | 0.0026 | |
| -20 | Normal Voltage | 0.0003 | |
| -30 | Normal Voltage | 0.0027 | |
| 20 | Maximum Voltage | 0.0003 | |
| 20 | Normal Voltage | 0.0001 | |
| 20 | Battery End Point | 0.0022 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 4 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0029 | PASS |
| 40 | Normal Voltage | 0.0024 | |
| 30 | Normal Voltage | 0.0013 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0031 | |
| 0 | Normal Voltage | 0.0018 | |
| -10 | Normal Voltage | 0.0006 | |
| -20 | Normal Voltage | 0.0020 | |
| -30 | Normal Voltage | 0.0021 | |
| 20 | Maximum Voltage | 0.0010 | |
| 20 | Normal Voltage | 0.0026 | |
| 20 | Battery End Point | 0.0005 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 5 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|--------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | 2.5ppm |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0001 | PASS |
| 40 | Normal Voltage | 0.0018 | |
| 30 | Normal Voltage | 0.0050 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0056 | |
| 0 | Normal Voltage | 0.0059 | |
| -10 | Normal Voltage | 0.0051 | |
| -20 | Normal Voltage | 0.0023 | |
| -30 | Normal Voltage | 0.0010 | |
| 20 | Maximum Voltage | 0.0051 | |
| 20 | Normal Voltage | 0.0060 | |
| 20 | Battery End Point | 0.0012 | |

Note: Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.



| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0023 | PASS |
| 40 | Normal Voltage | 0.0028 | |
| 30 | Normal Voltage | 0.0008 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0019 | |
| 0 | Normal Voltage | 0.0032 | |
| -10 | Normal Voltage | 0.0002 | |
| -20 | Normal Voltage | 0.0004 | |
| -30 | Normal Voltage | 0.0020 | |
| 20 | Maximum Voltage | 0.0006 | |
| 20 | Normal Voltage | 0.0024 | |
| 20 | Battery End Point | 0.0027 | |

Note:

1. Normal Voltage =11.58V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 12 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0011 | PASS |
| 40 | Normal Voltage | 0.0024 | |
| 30 | Normal Voltage | 0.0090 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0102 | |
| 0 | Normal Voltage | 0.0006 | |
| -10 | Normal Voltage | 0.0023 | |
| -20 | Normal Voltage | 0.0076 | |
| -30 | Normal Voltage | 0.0068 | |
| 20 | Maximum Voltage | 0.0011 | |
| 20 | Normal Voltage | 0.0007 | |
| 20 | Battery End Point | 0.0106 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 13 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0014 | PASS |
| 40 | Normal Voltage | 0.0004 | |
| 30 | Normal Voltage | 0.0047 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0054 | |
| 0 | Normal Voltage | 0.0063 | |
| -10 | Normal Voltage | 0.0010 | |
| -20 | Normal Voltage | 0.0058 | |
| -30 | Normal Voltage | 0.0066 | |
| 20 | Maximum Voltage | 0.0006 | |
| 20 | Normal Voltage | 0.0009 | |
| 20 | Battery End Point | 0.0046 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 17 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0082 | PASS |
| 40 | Normal Voltage | 0.0108 | |
| 30 | Normal Voltage | 0.0121 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0015 | |
| 0 | Normal Voltage | 0.0076 | |
| -10 | Normal Voltage | 0.0087 | |
| -20 | Normal Voltage | 0.0014 | |
| -30 | Normal Voltage | 0.0017 | |
| 20 | Maximum Voltage | 0.0031 | |
| 20 | Normal Voltage | 0.0070 | |
| 20 | Battery End Point | 0.0018 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 25 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0020 | PASS |
| 40 | Normal Voltage | 0.0013 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0022 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0003 | |
| -20 | Normal Voltage | 0.0008 | |
| -30 | Normal Voltage | 0.0013 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0020 | |
| 20 | Battery End Point | 0.0014 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 26 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | 2.5ppm |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0096 | PASS |
| 40 | Normal Voltage | 0.0086 | |
| 30 | Normal Voltage | 0.0016 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0093 | |
| 0 | Normal Voltage | 0.0079 | |
| -10 | Normal Voltage | 0.0026 | |
| -20 | Normal Voltage | 0.0006 | |
| -30 | Normal Voltage | 0.0080 | |
| 20 | Maximum Voltage | 0.0024 | |
| 20 | Normal Voltage | 0.0011 | |
| 20 | Battery End Point | 0.0084 | |

Note: Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.



| Test Conditions | | LTE Band 38 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0024 | PASS |
| 40 | Normal Voltage | 0.0009 | |
| 30 | Normal Voltage | 0.0027 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0004 | |
| 0 | Normal Voltage | 0.0020 | |
| -10 | Normal Voltage | 0.0018 | |
| -20 | Normal Voltage | 0.0002 | |
| -30 | Normal Voltage | 0.0001 | |
| 20 | Maximum Voltage | 0.0010 | |
| 20 | Normal Voltage | 0.0007 | |
| 20 | Battery End Point | 0.0022 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 41 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0004 | PASS |
| 40 | Normal Voltage | 0.0022 | |
| 30 | Normal Voltage | 0.0020 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0011 | |
| 0 | Normal Voltage | 0.0013 | |
| -10 | Normal Voltage | 0.0007 | |
| -20 | Normal Voltage | 0.0005 | |
| -30 | Normal Voltage | 0.0012 | |
| 20 | Maximum Voltage | 0.0015 | |
| 20 | Normal Voltage | 0.0009 | |
| 20 | Battery End Point | 0.0008 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0025 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0034 | |
| 0 | Normal Voltage | 0.0005 | |
| -10 | Normal Voltage | 0.0002 | |
| -20 | Normal Voltage | 0.0020 | |
| -30 | Normal Voltage | 0.0005 | |
| 20 | Maximum Voltage | 0.0029 | |
| 20 | Normal Voltage | 0.0006 | |
| 20 | Battery End Point | 0.0007 | |

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.