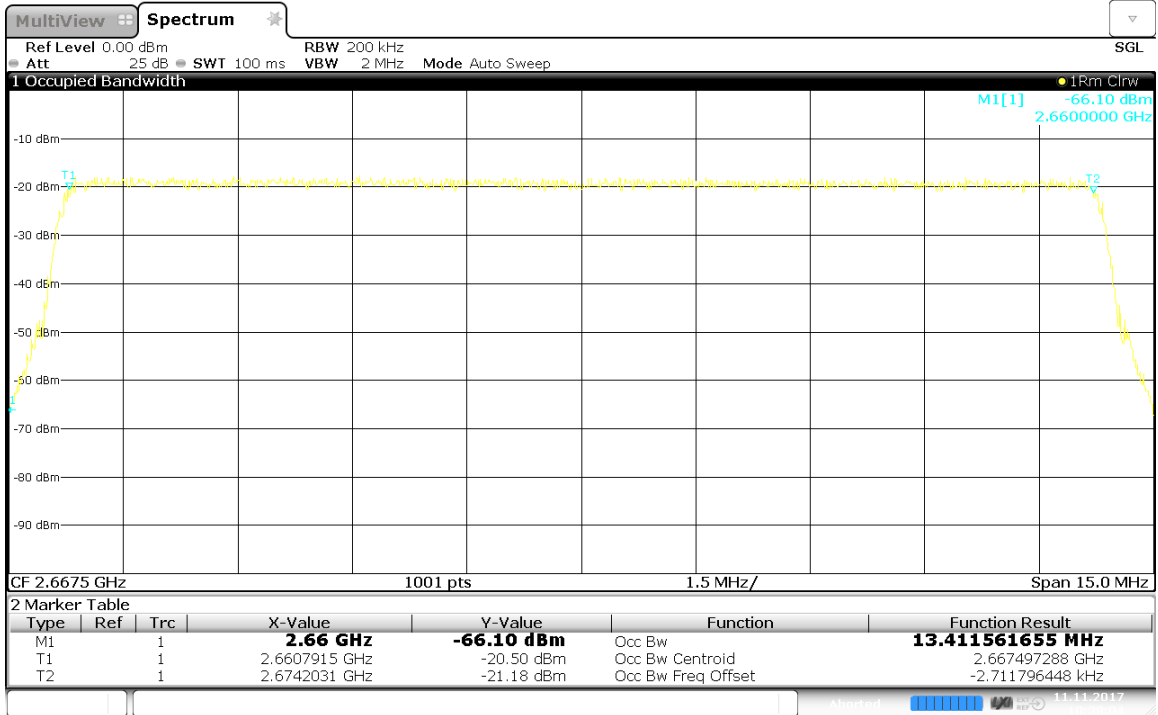


10:37:15 11.11.2017



10:37:40 11.11.2017

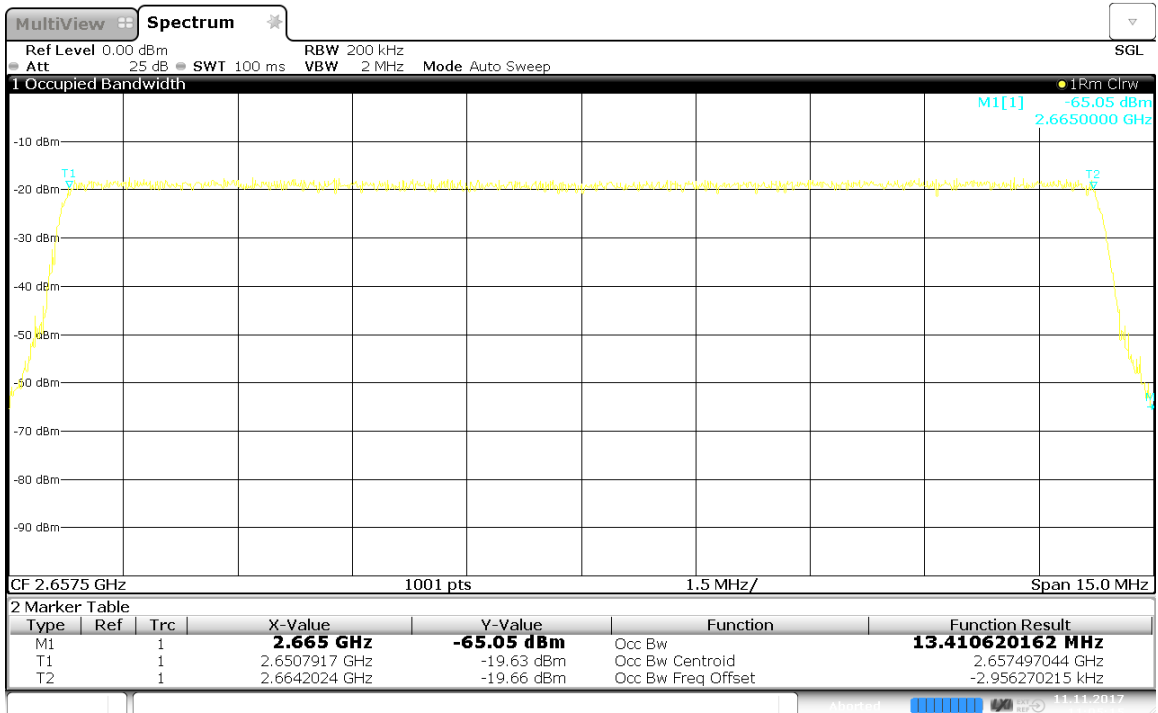


10:38:05 11.11.2017

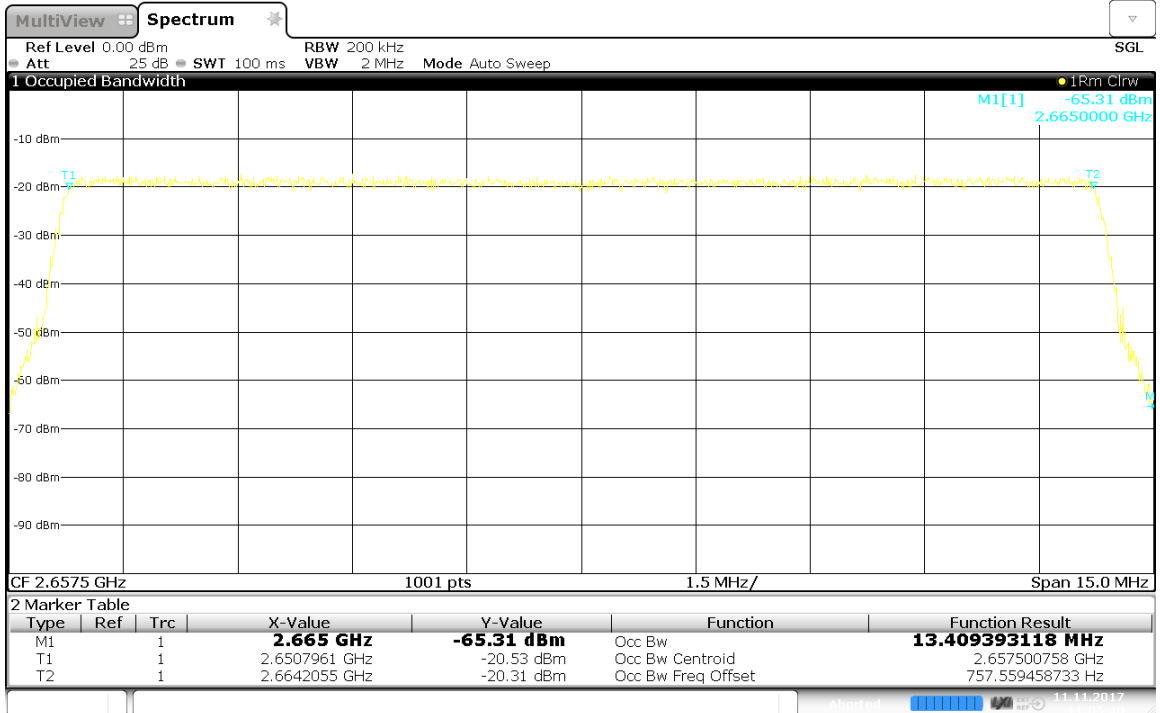
Channel Bandwidth :15M+15M(2657.5MHz & 2682.5MHz)

| Port | Carry1 Center Freq. (MHz) | Carry1 99% Power Bandwidth (MHz) | Carry2 Center Freq. (MHz) | Carry2 99% Power Bandwidth (MHz) | Limit (MHz) |
|------|---------------------------|----------------------------------|---------------------------|----------------------------------|-------------|
| 1 | 2657.5 | 13.4106 | 2682.5 | 13.3964 | 15 |
| 2 | | 13.4094 | | 13.4088 | 15 |
| 3 | | 13.4189 | | 13.402 | 15 |
| 4 | | 13.4116 | | 13.4103 | 15 |

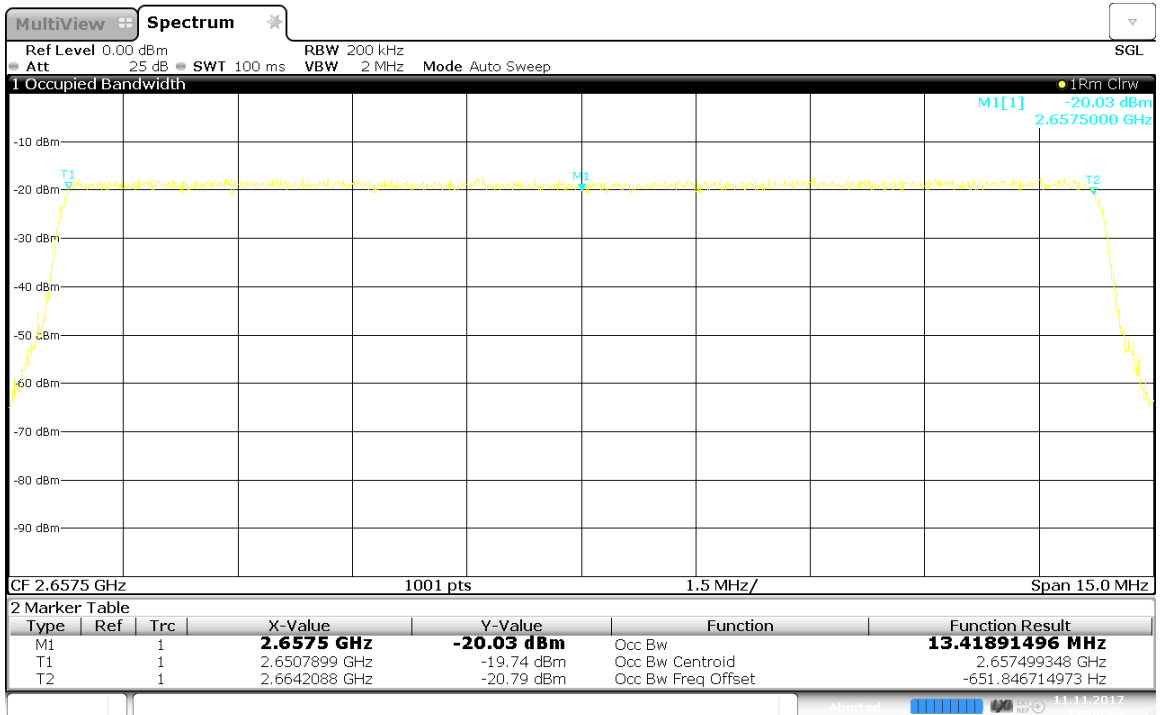
15M -2657.5MHz-Port 1~4:



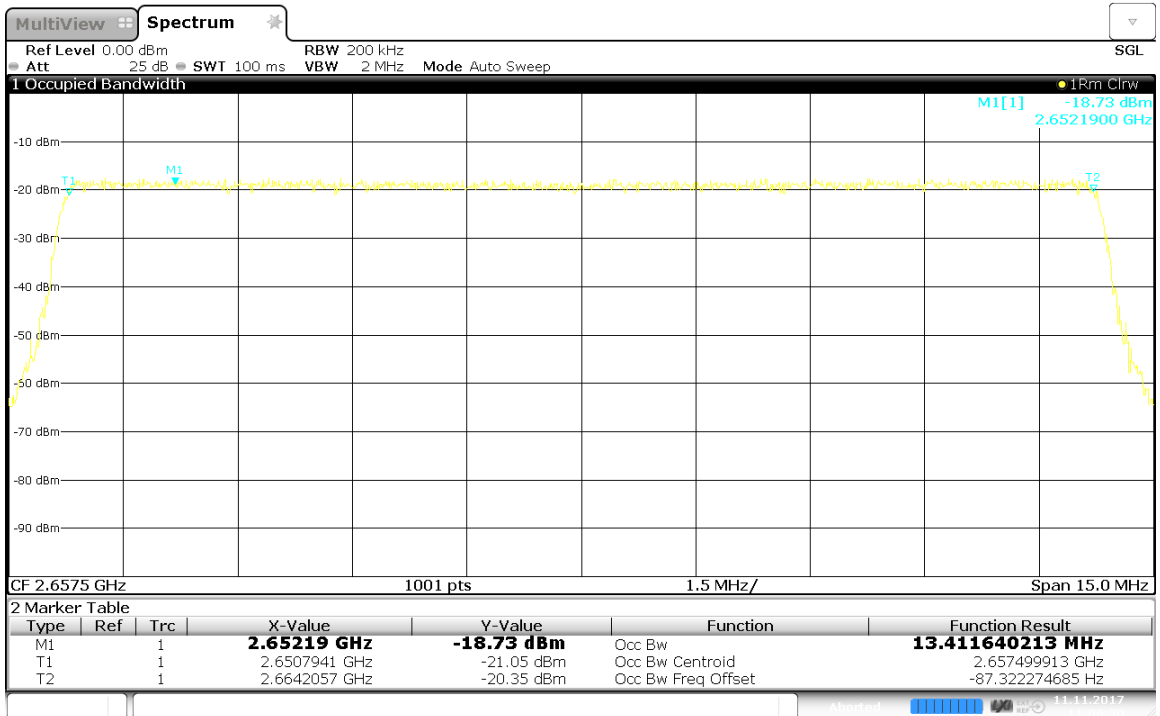
11:05:16 11.11.2017



11:05:40 11.11.2017

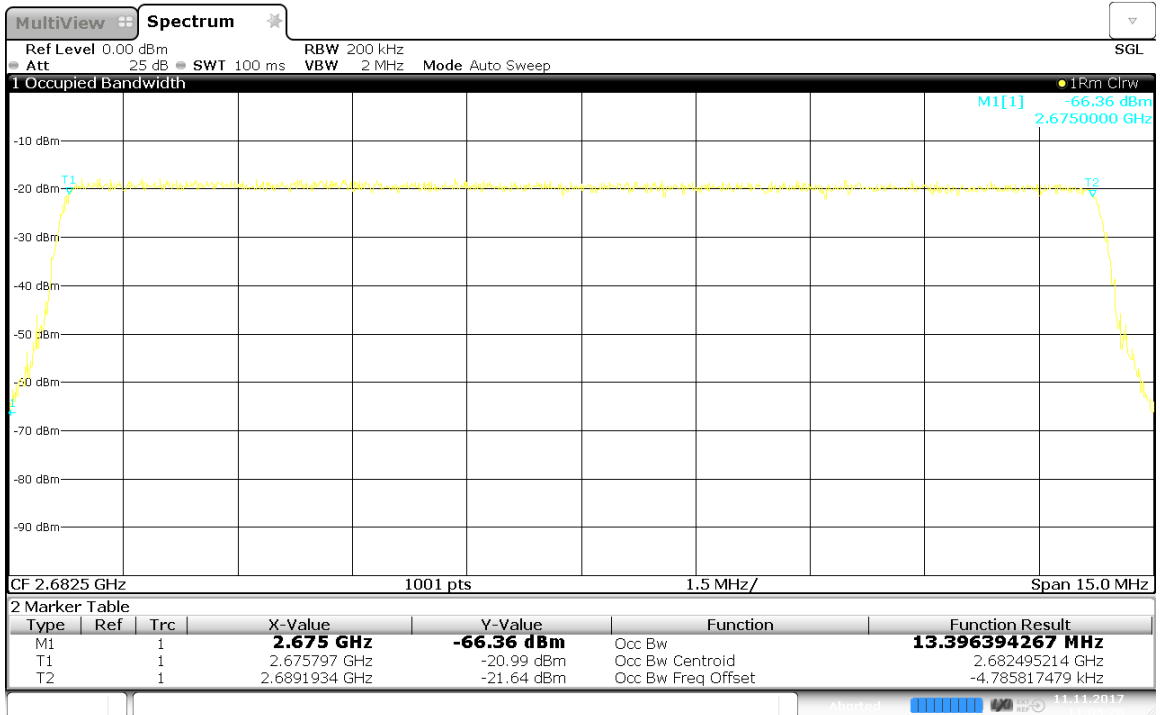


11:06:05 11.11.2017

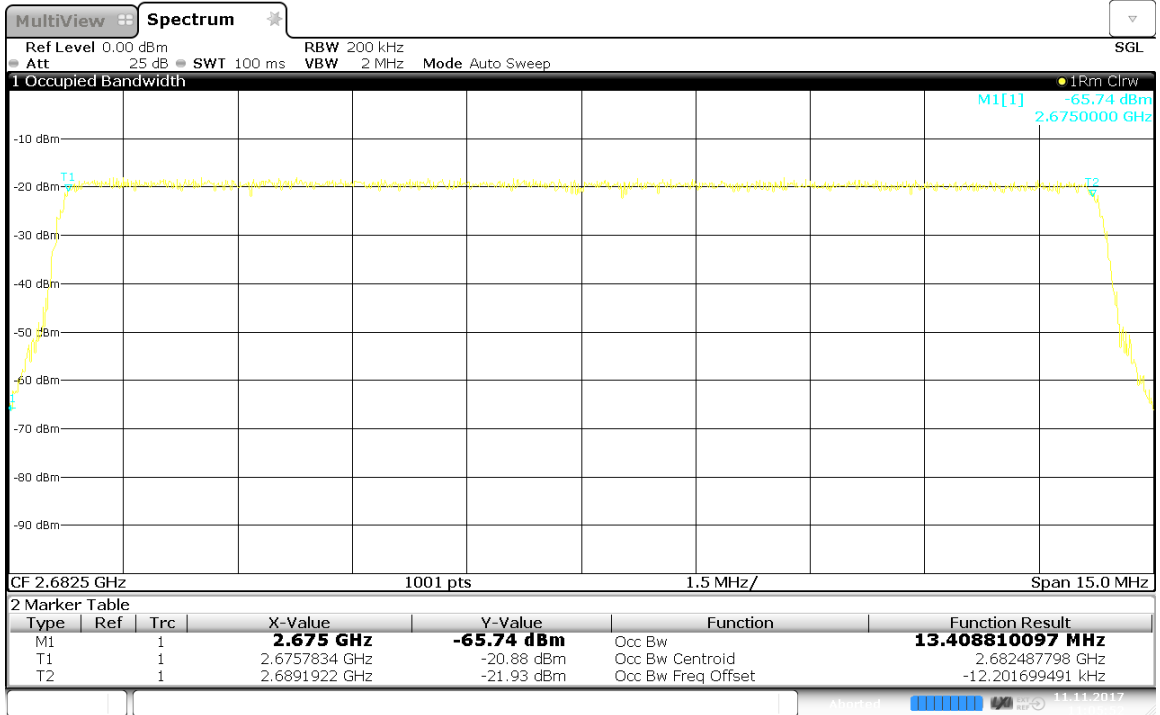


11:06:30 11.11.2017

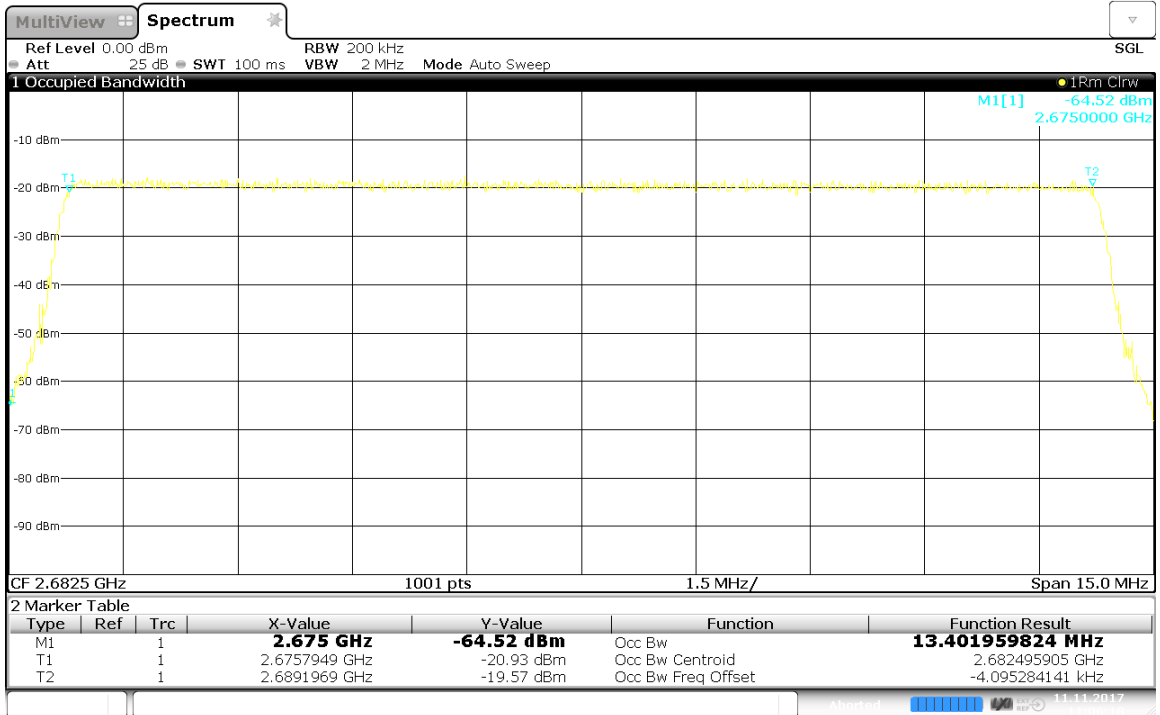
15M -2682.5MHz-Port 1~4:



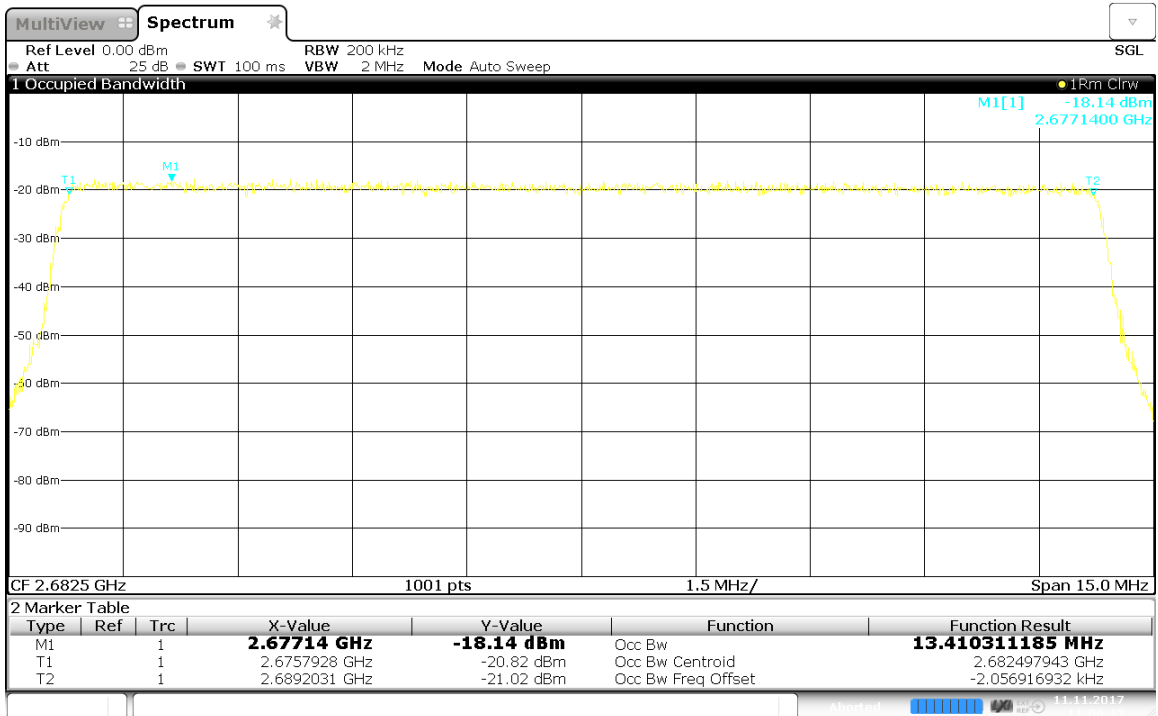
11:05:28 11.11.2017



11:05:53 11.11.2017



11:06:18 11.11.2017

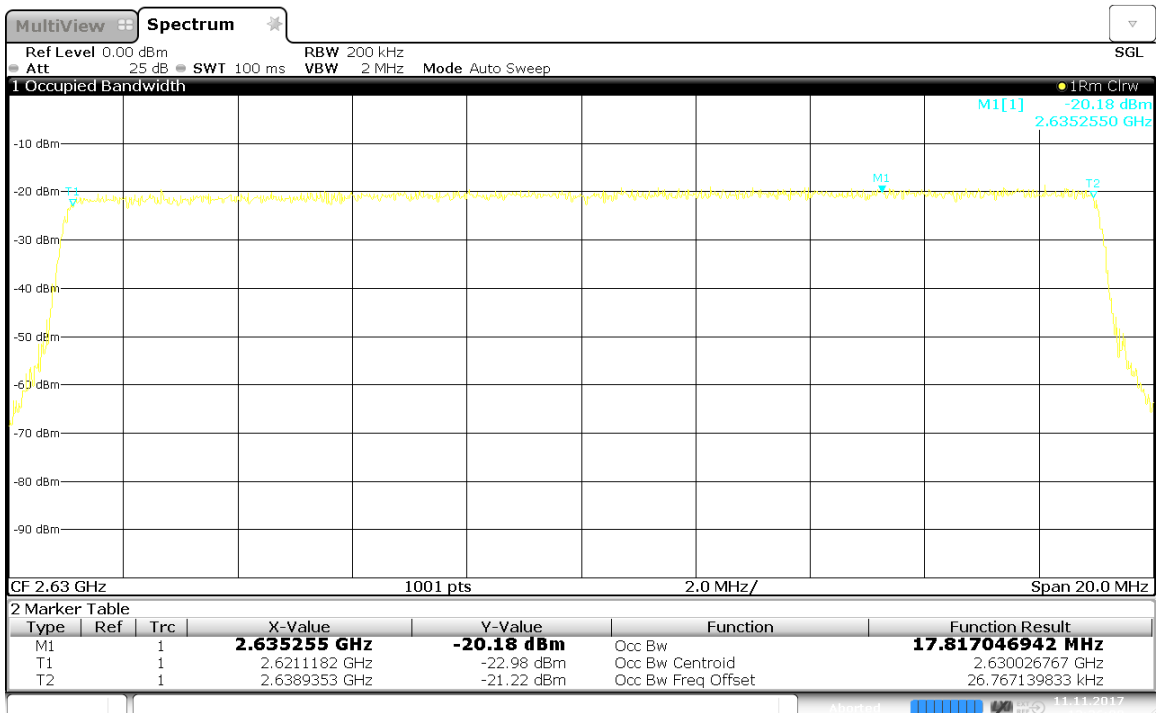


11:06:43 11.11.2017

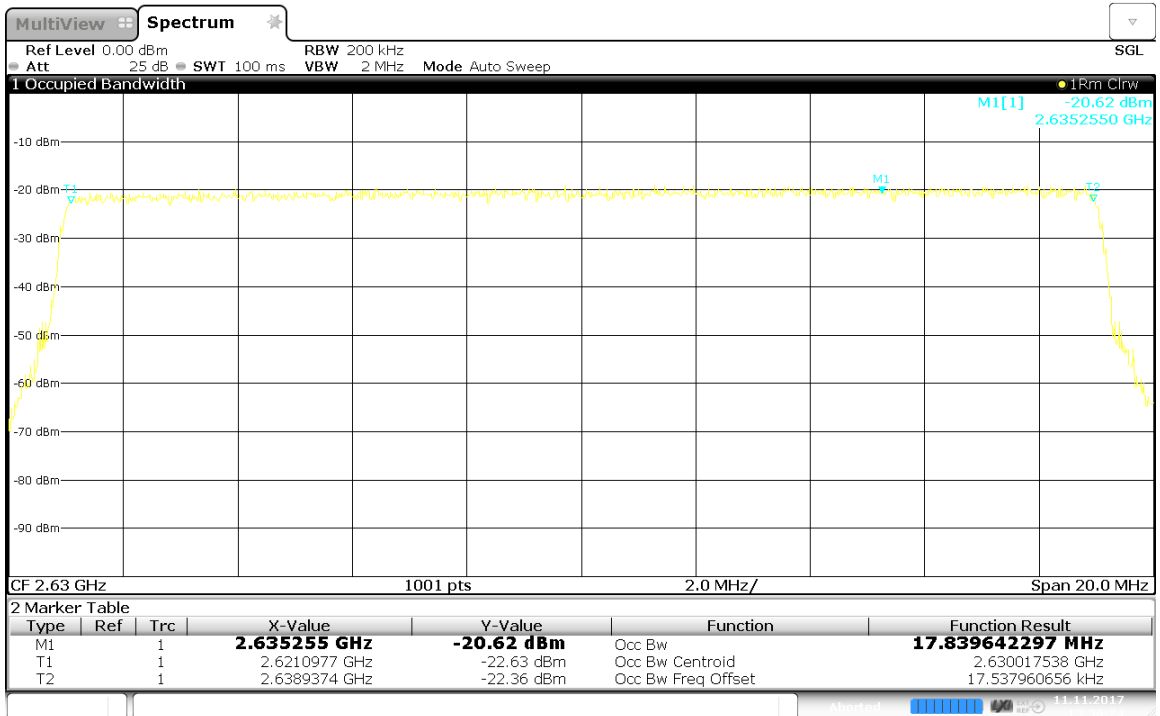
Channel Bandwidth :20M+20M(2630MHz & 2650MHz)

| Port | Carry1 Center Freq. (MHz) | Carry1 99% Power Bandwidth (MHz) | Carry2 Center Freq. (MHz) | Carry2 99% Power Bandwidth (MHz) | Limit (MHz) |
|------|---------------------------|----------------------------------|---------------------------|----------------------------------|-------------|
| 1 | 2630 | 17.817 | 2650 | 17.8465 | 20 |
| 2 | | 17.8396 | | 17.8492 | 20 |
| 3 | | 17.8353 | | 17.8434 | 20 |
| 4 | | 17.8293 | | 17.8482 | 20 |

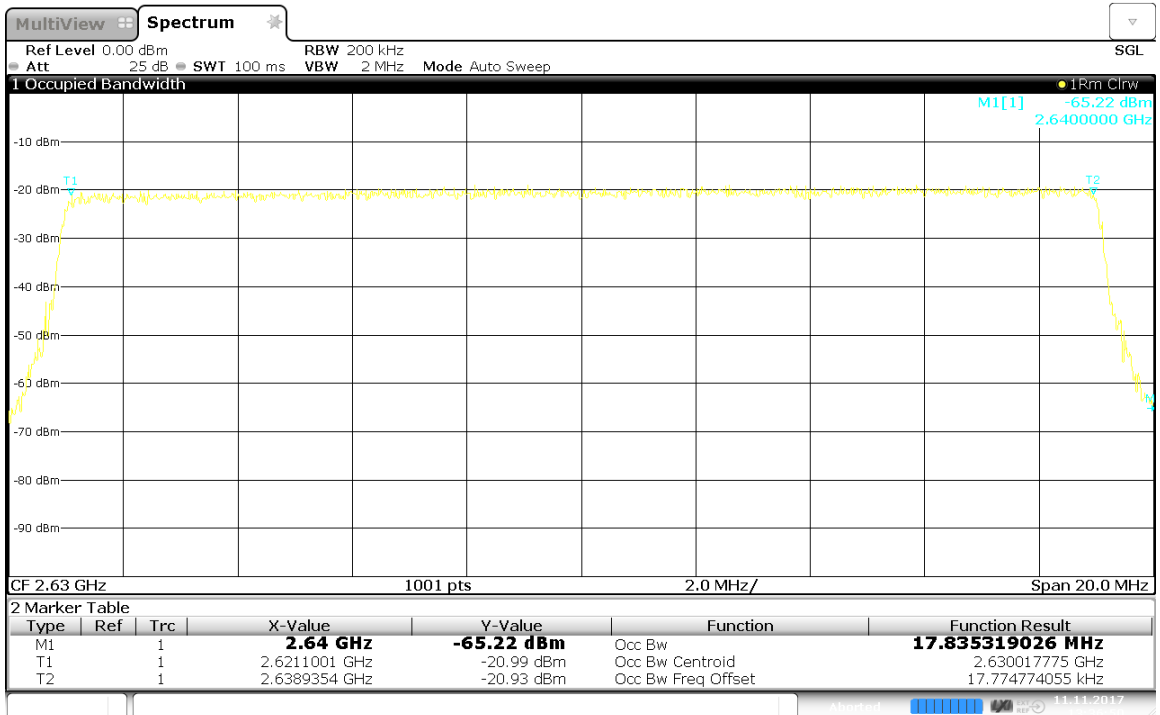
20M -2630MHz-Port 1~4:



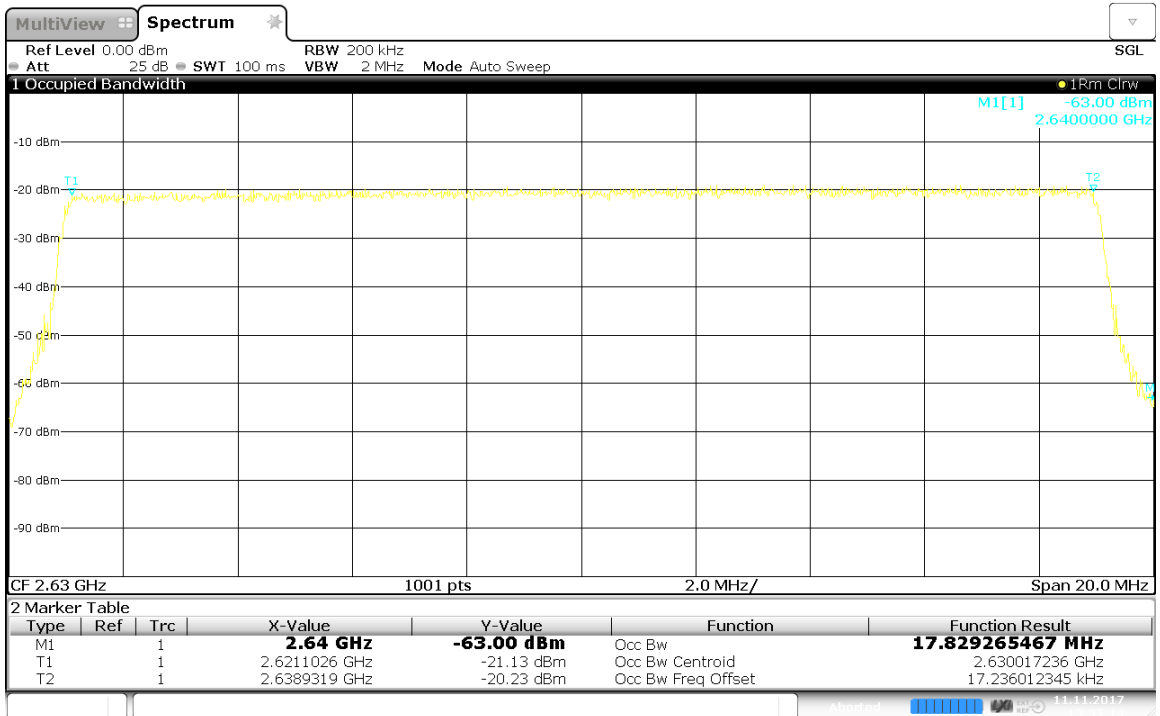
13:36:00 11.11.2017



13:36:25 11.11.2017

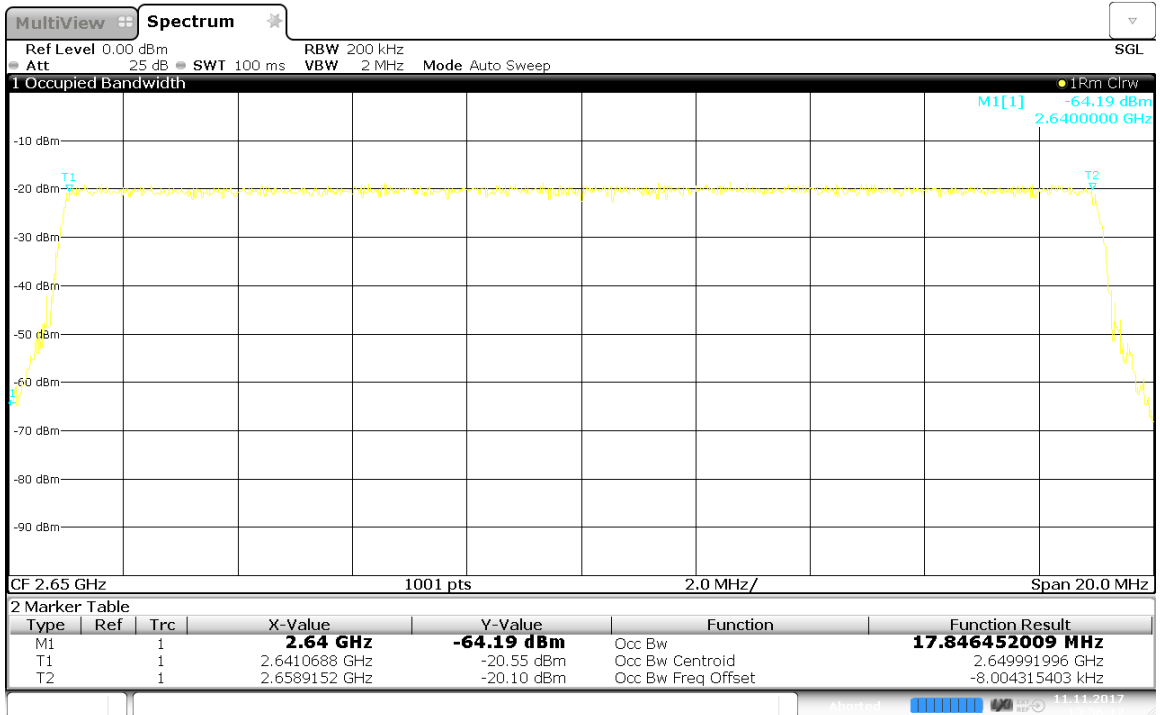


13:36:50 11.11.2017

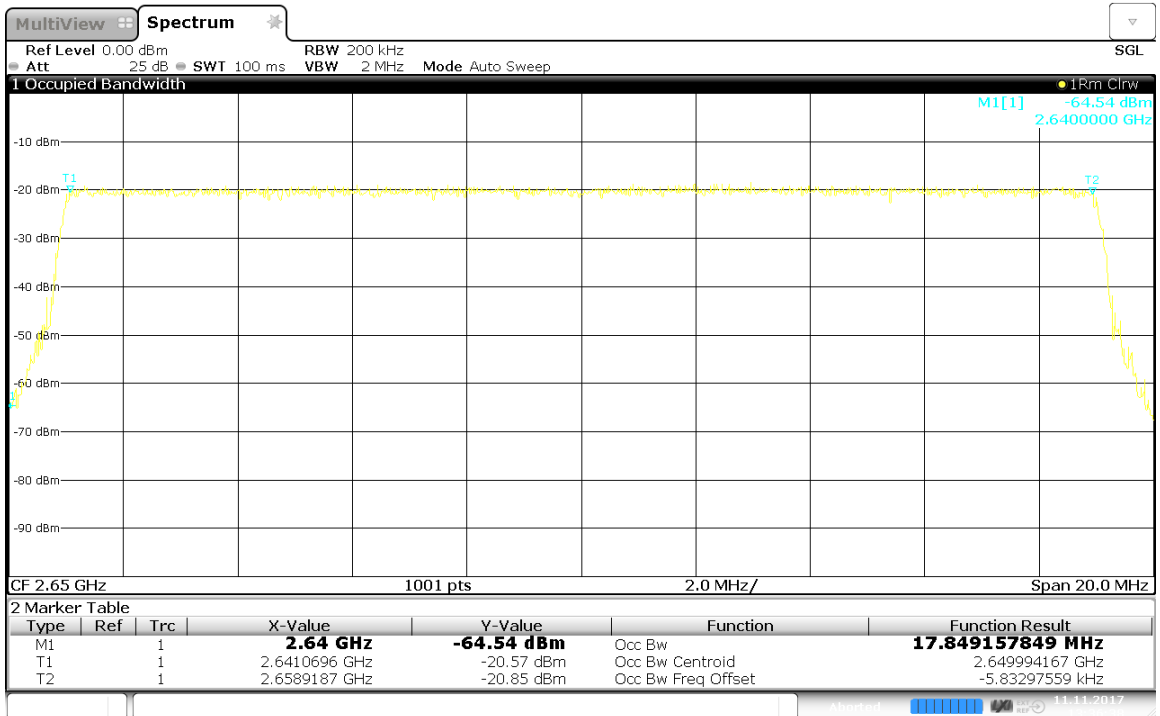


13:37:15 11.11.2017

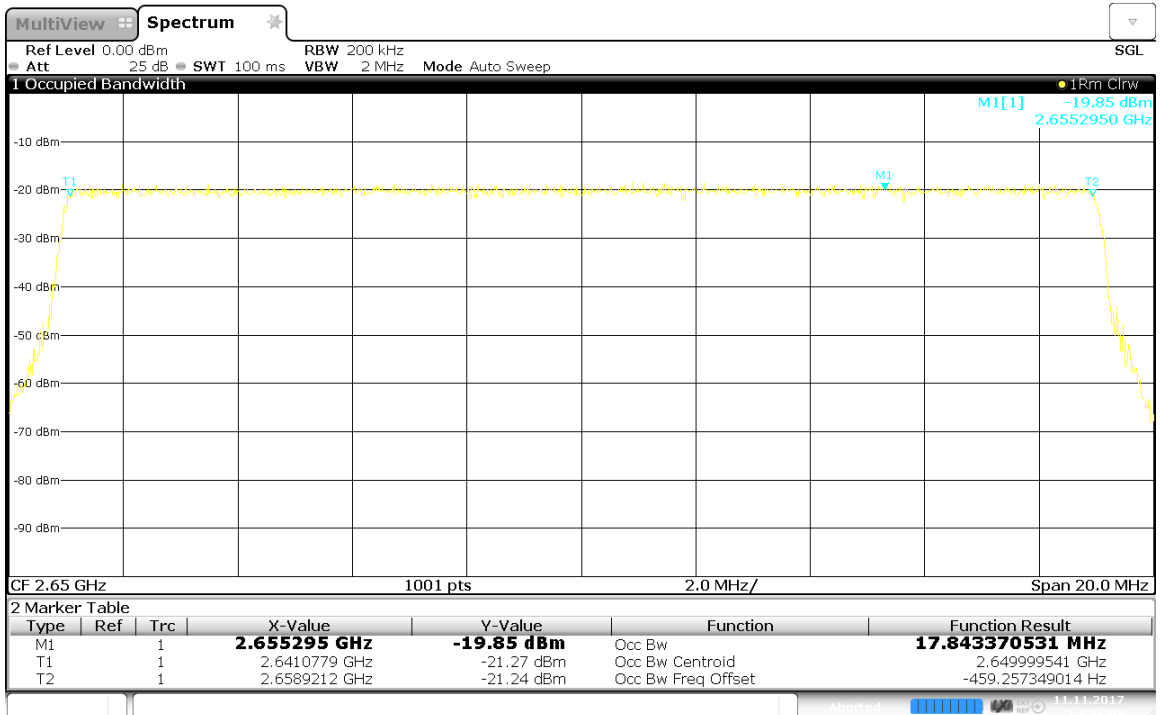
20M -2650MHz-Port 1~4:



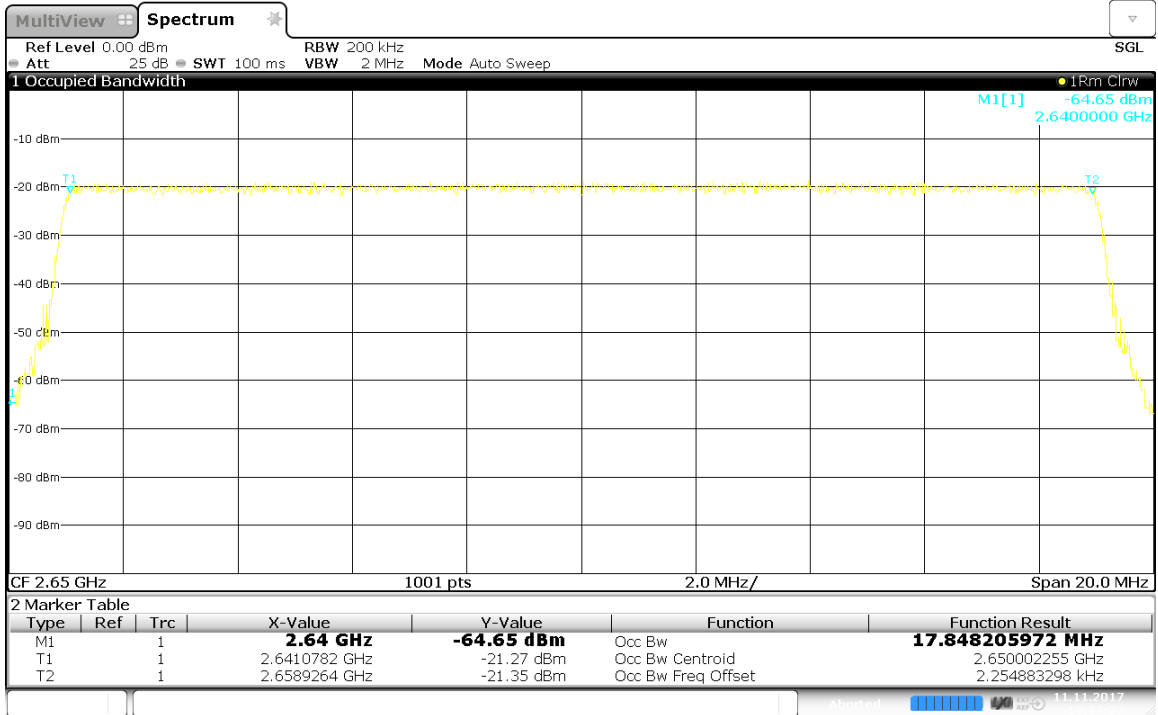
13:36:13 11.11.2017



13:36:38 11.11.2017



13:37:03 11.11.2017

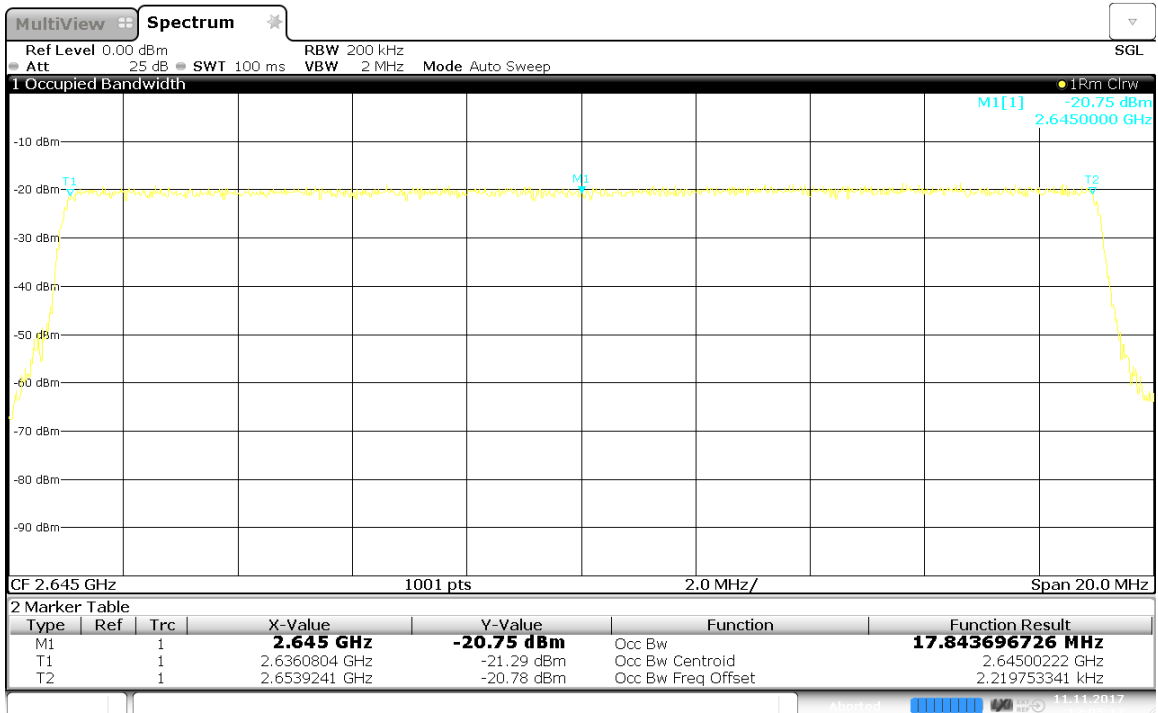


13:37:28 11.11.2017

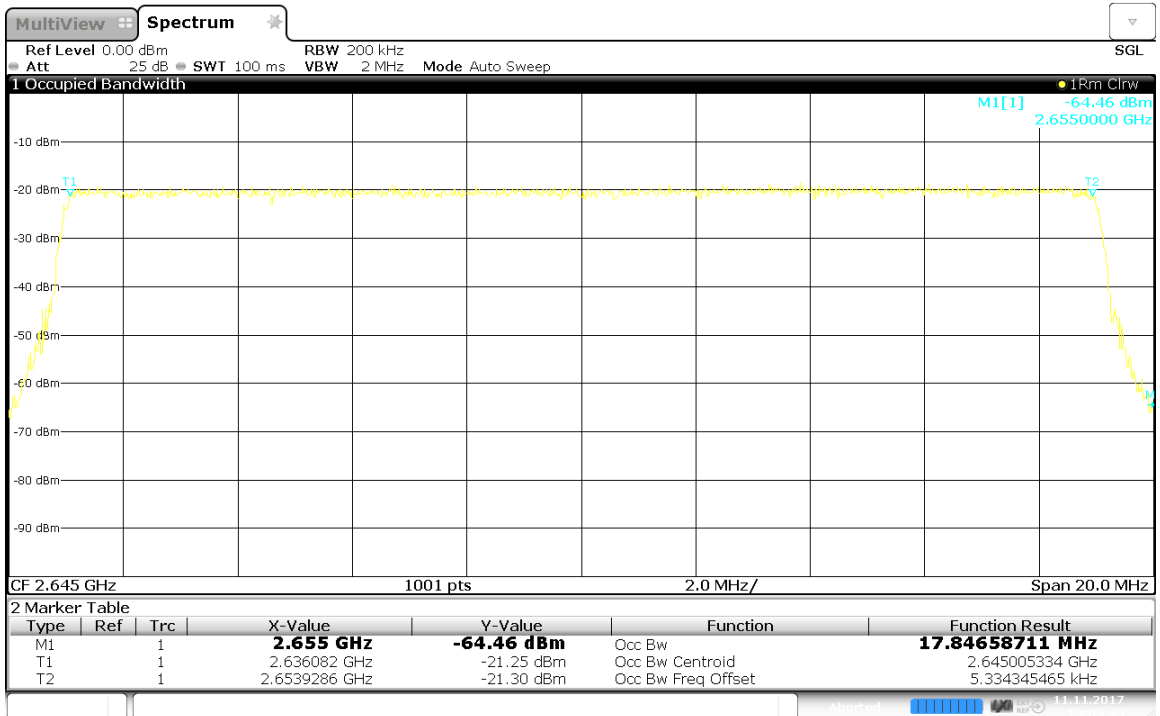
Channel Bandwidth :20M+20M(2645MHz & 2665MHz)

| Port | Carry1 Center Freq. (MHz) | Carry1 99% Power Bandwidth (MHz) | Carry2 Center Freq. (MHz) | Carry2 99% Power Bandwidth (MHz) | Limit (MHz) |
|------|---------------------------|----------------------------------|---------------------------|----------------------------------|-------------|
| 1 | 2645 | 17.8437 | 2665 | 17.8486 | 20 |
| 2 | | 17.8466 | | 17.8337 | 20 |
| 3 | | 17.862 | | 17.8452 | 20 |
| 4 | | 17.8547 | | 17.8417 | 20 |

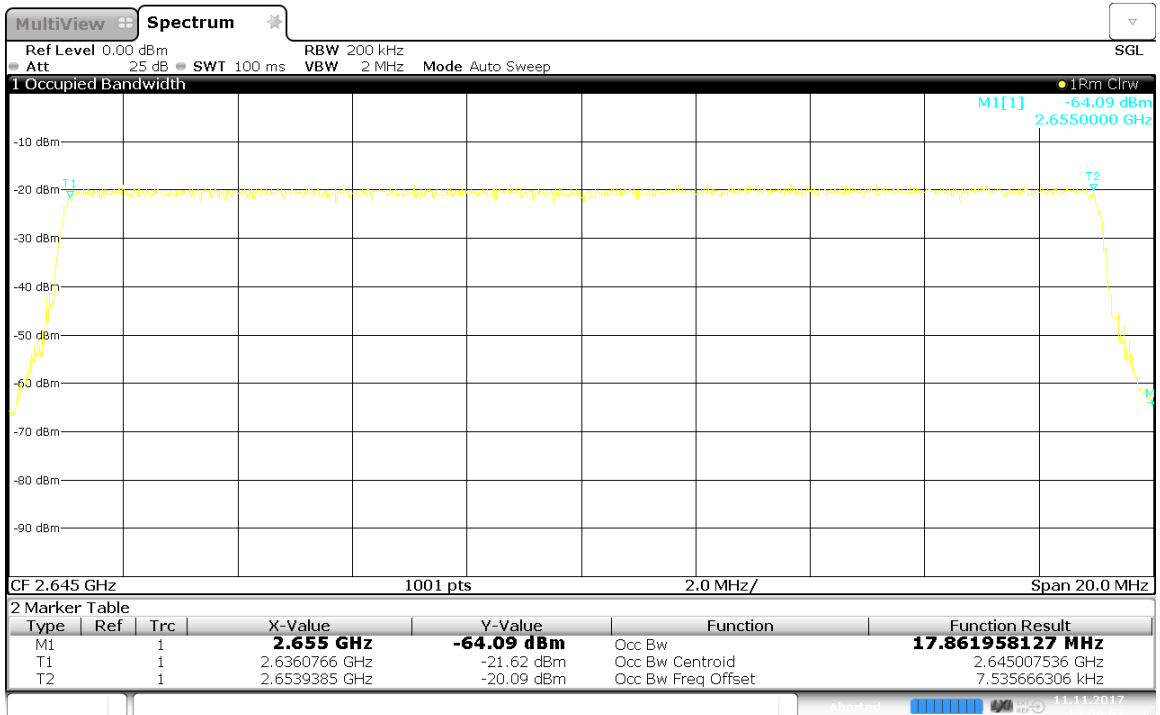
20M -2645MHz-Port 1~4:



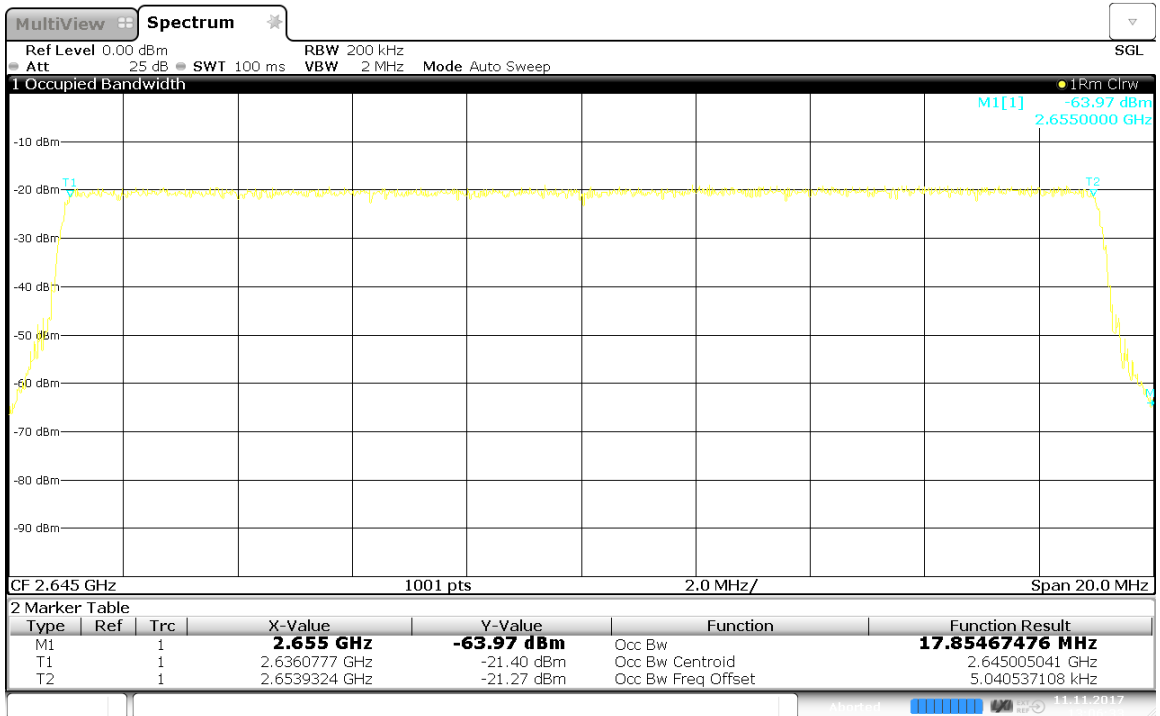
13:05:18 11.11.2017



13:05:43 11.11.2017

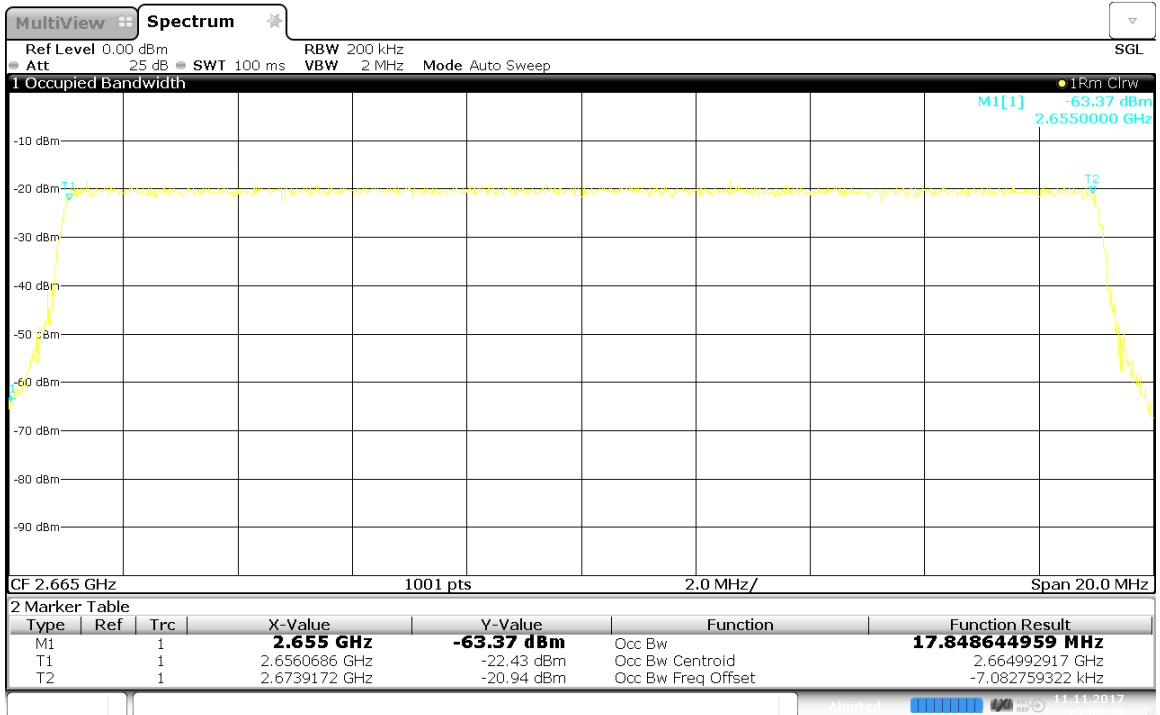


13:06:08 11.11.2017

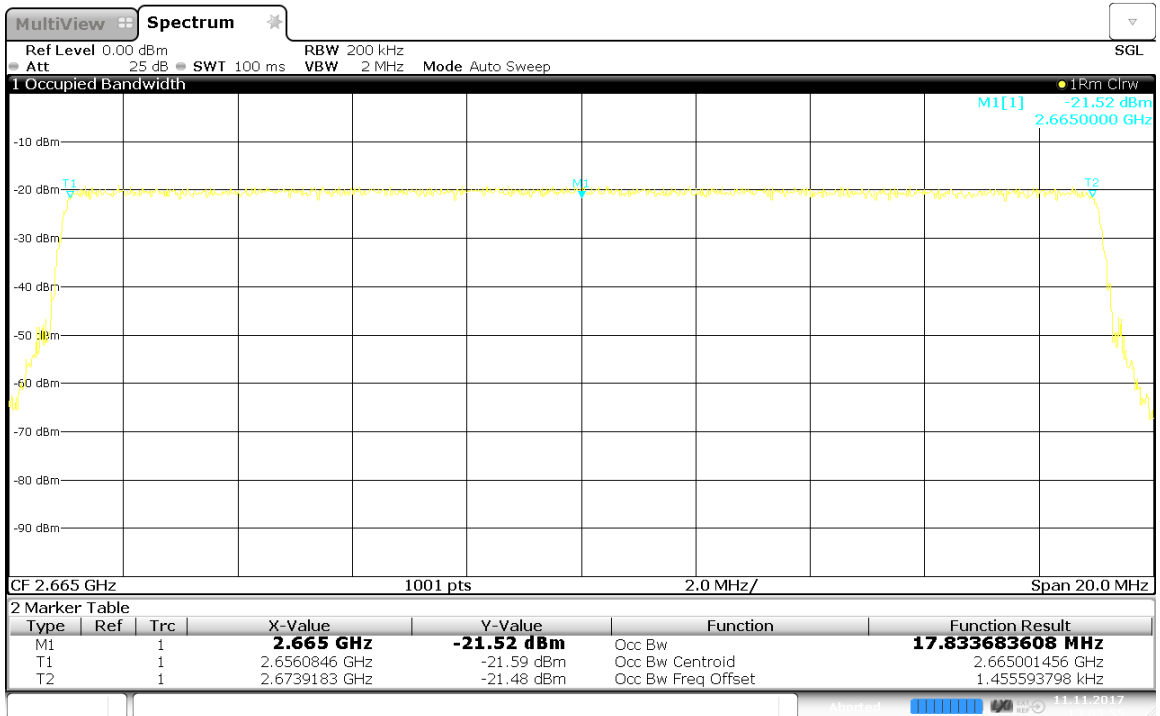


13:06:33 11.11.2017

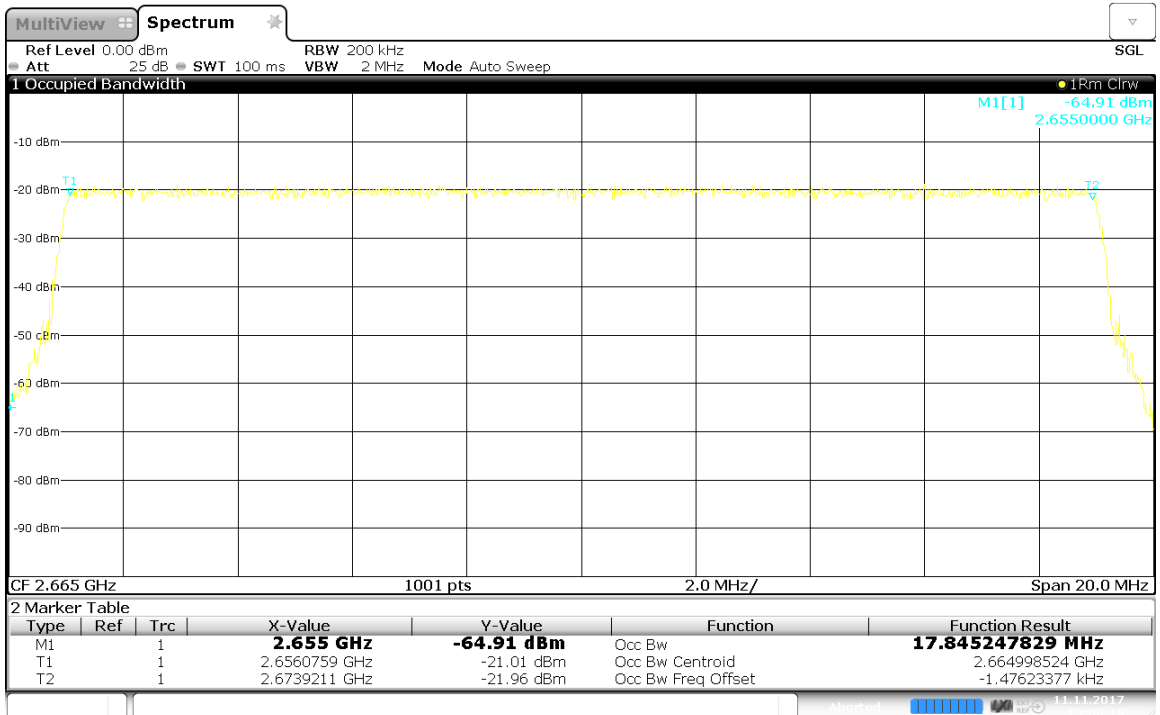
20M -2665MHz-Port 1~4:



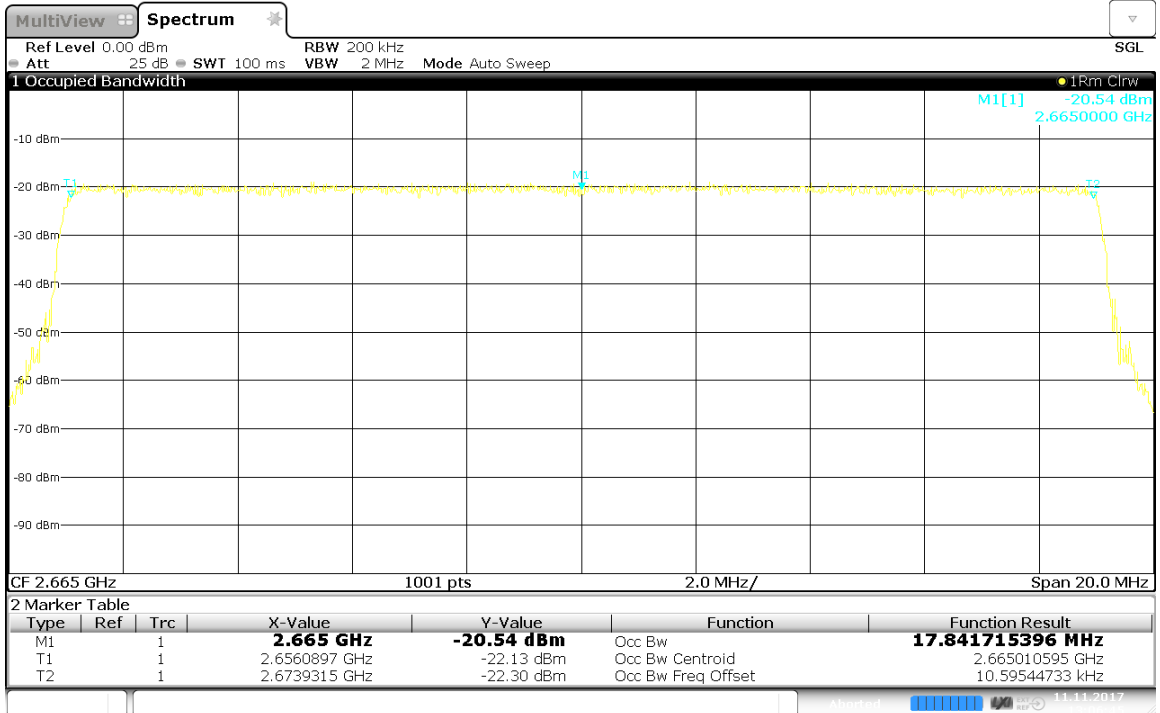
13:05:31 11.11.2017



13:05:55 11.11.2017



13:06:20 11.11.2017

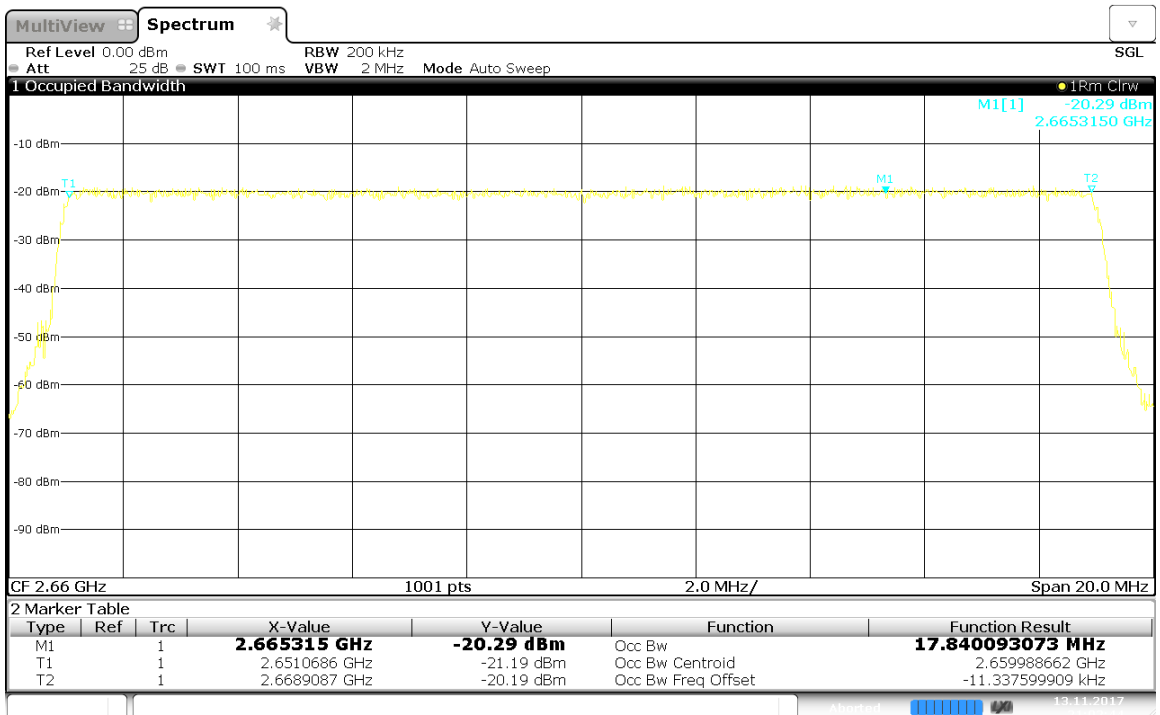


13:06:45 11.11.2017

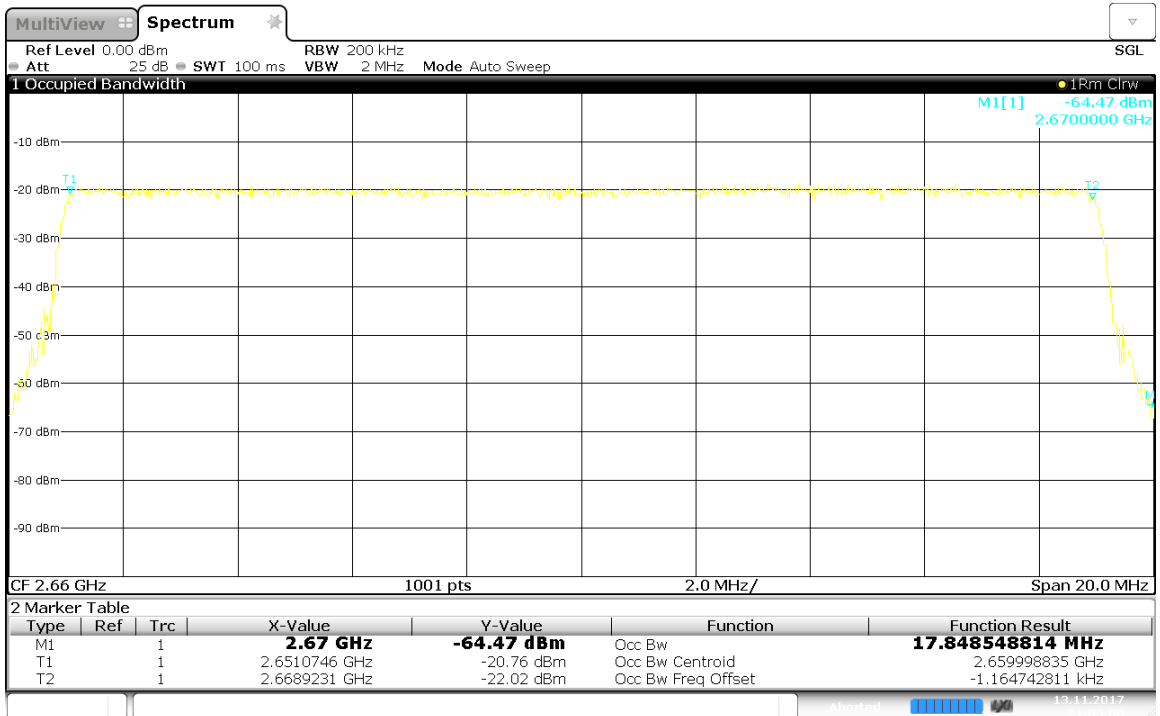
Channel Bandwidth :20M+20M(2660MHz & 2680MHz)

| Port | Carry1 Center Freq. (MHz) | Carry1 99% Power Bandwidth (MHz) | Carry2 Center Freq. (MHz) | Carry2 99% Power Bandwidth (MHz) | Limit (MHz) |
|------|---------------------------|----------------------------------|---------------------------|----------------------------------|-------------|
| 1 | 2660 | 17.8401 | 2680 | 17.8383 | 20 |
| 2 | | 17.8485 | | 17.8371 | 20 |
| 3 | | 17.8414 | | 17.8489 | 20 |
| 4 | | 17.8492 | | 17.8559 | 20 |

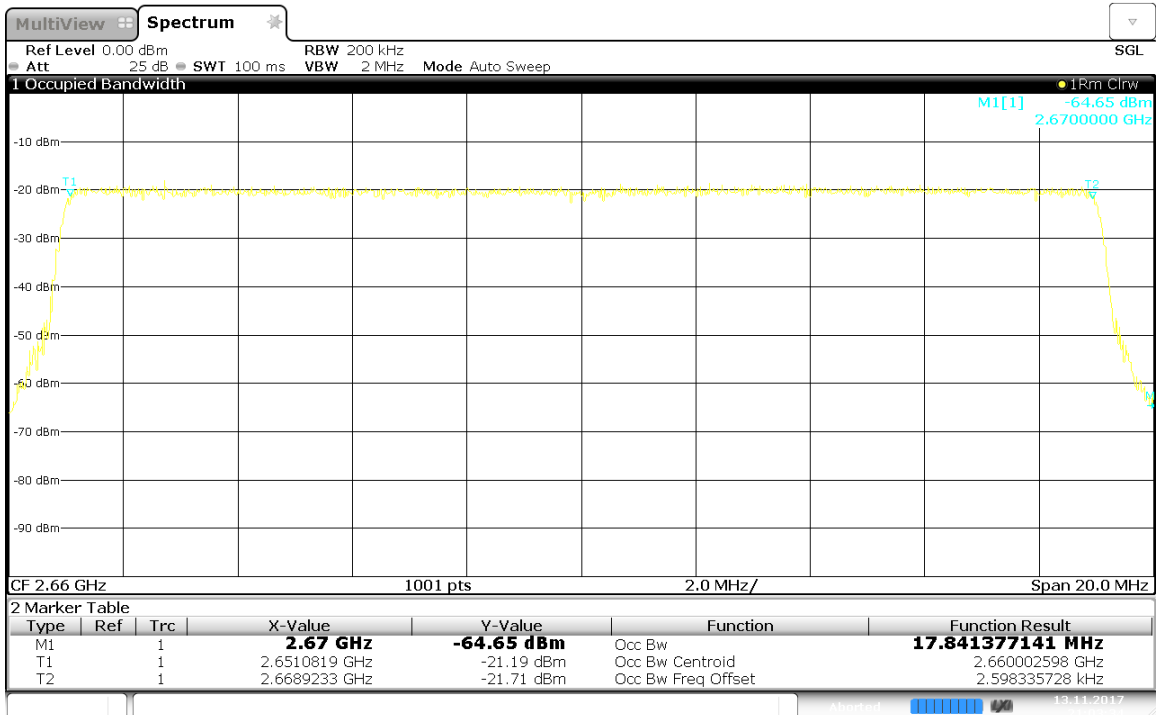
20M -2660MHz-Port 1~4:



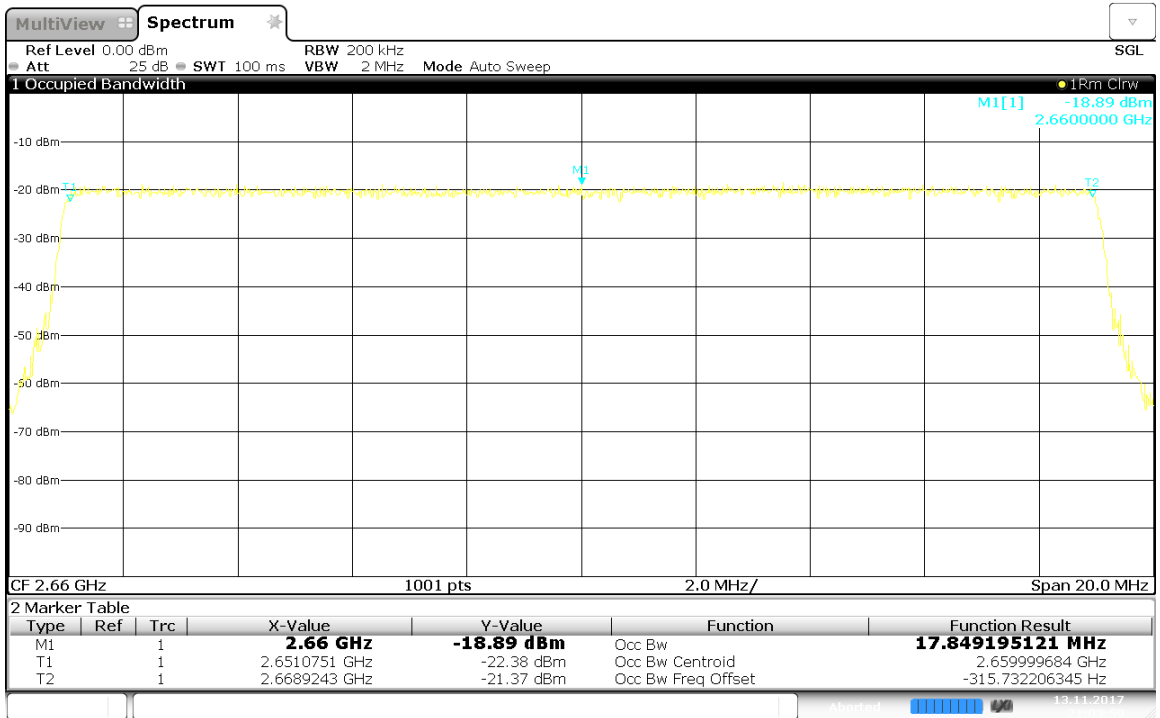
21:02:44 13.11.2017



21:03:09 13.11.2017

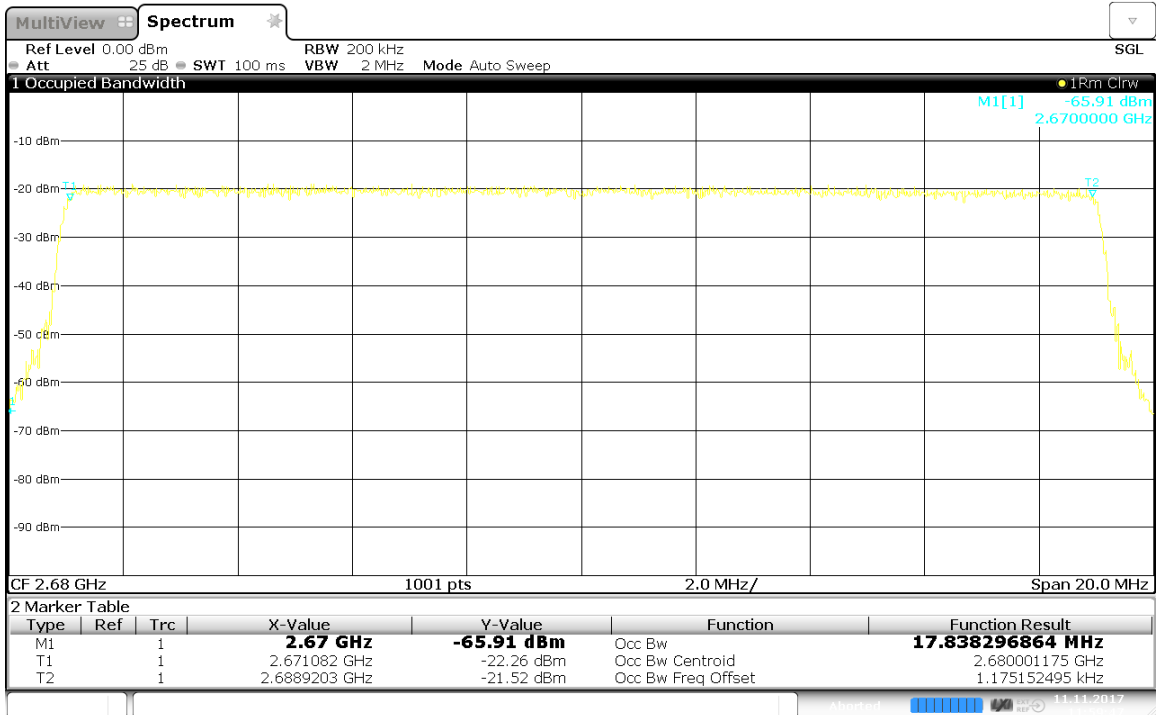


21:03:34 13.11.2017

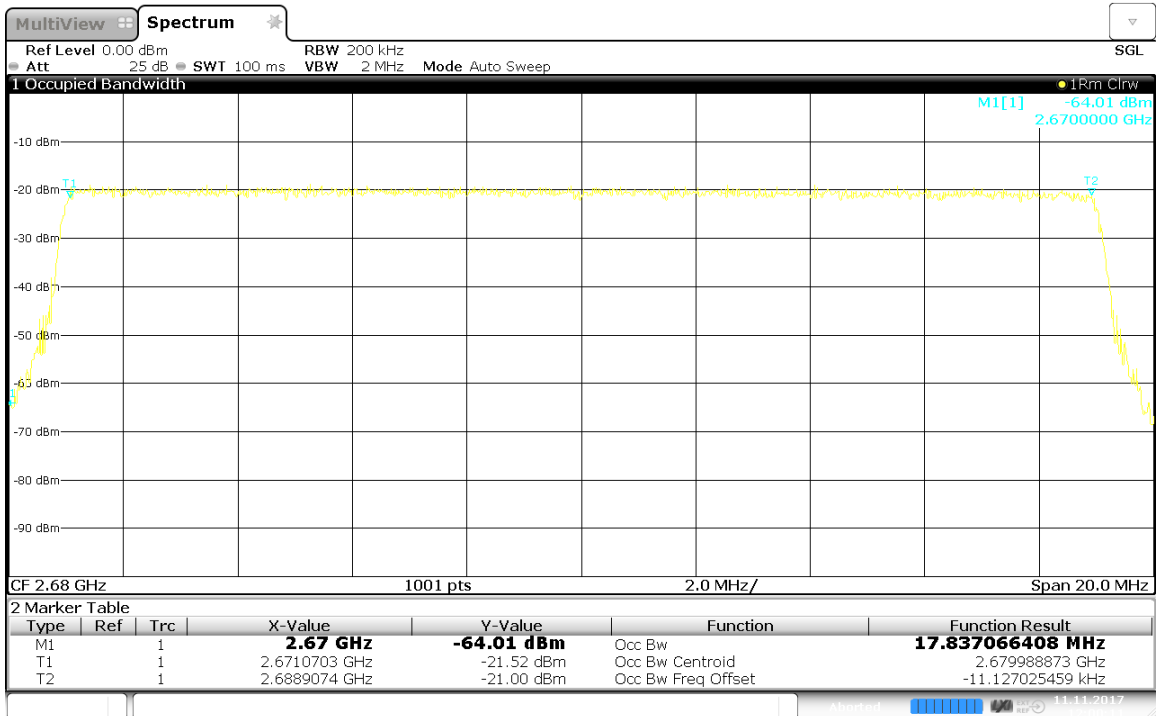


21:03:59 13.11.2017

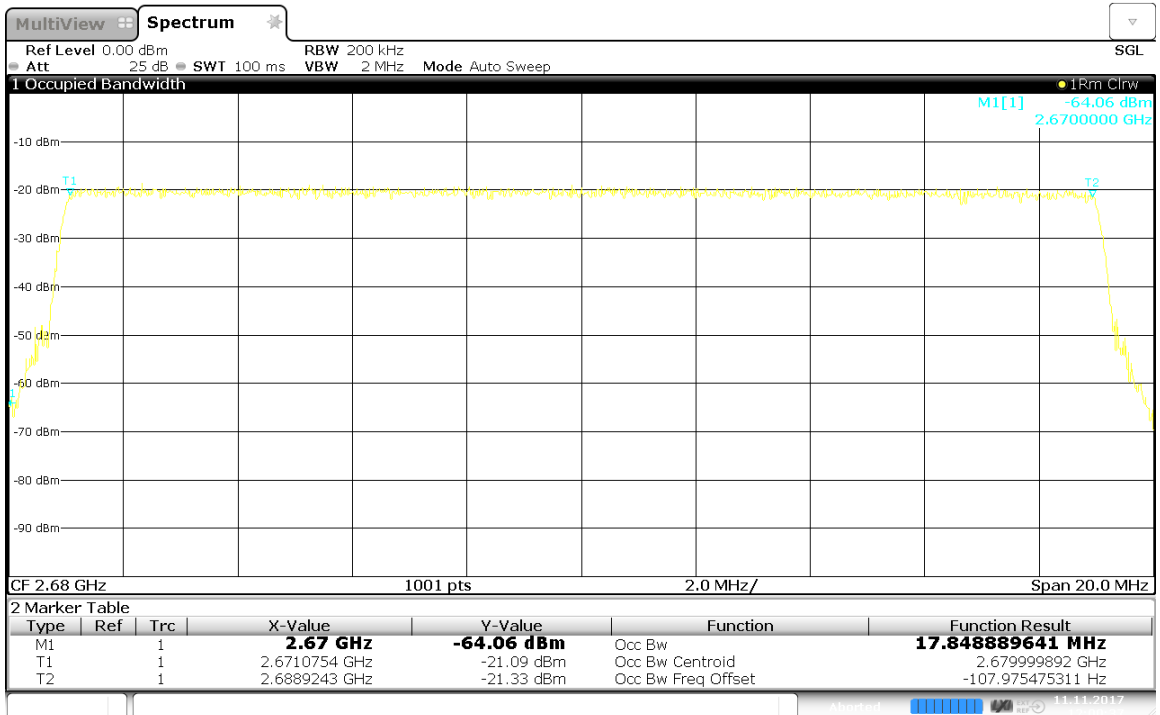
20M -2680MHz-Port 1~4:



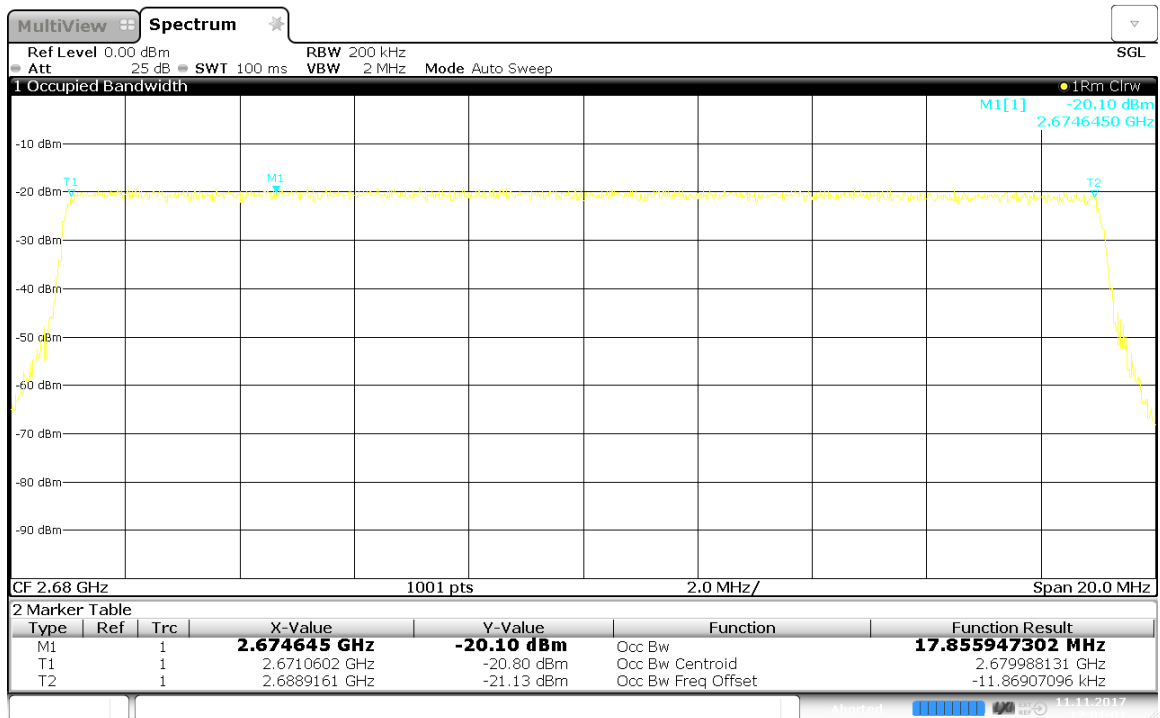
11:59:47 11.11.2017



12:00:12 11.11.2017



12:00:37 11.11.2017



12:01:02 11.11.2017

3.7. Band Edges

3.7.1. Applicable Standard: FCC §2.1051, §27.53

According to §2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (p) by a factor of at least $43 + 10 \log(p)$ dB. The limit (dBm) should $< P - (43 + 10 \log(P)) = -13 \text{ dBm}$.

3.7.2. Test Equipment List and Details

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|--------------|----------------------------|---------------|---------------|------------------|----------------------|
| R&S | Signal & Spectrum Analyzer | FSW26 | SB12724/01 | 2017.6.19 | 2018.6.18 |
| DTS | DTS 40dB Attenuator | DTS100-40-3-1 | 09112005 | 2017.03.15 | 2018.03.15 |

***statement of traceability:** SMQ attests that all calibration has been performed per the A2LA requirements, traceable to NIM.

3.7.3. Test Procedure

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

The center of the spectrum analyzer was set to block edge frequency.

3.7.4. Environmental Conditions

| | |
|--------------------|-----------|
| Temperature: | 20 °C |
| Relative Humidity: | 53 % |
| ATM Pressure: | 1009 mbar |

3.7.5. Test Result: Pass

3.7.6. Test Mode: Transmitting LTE

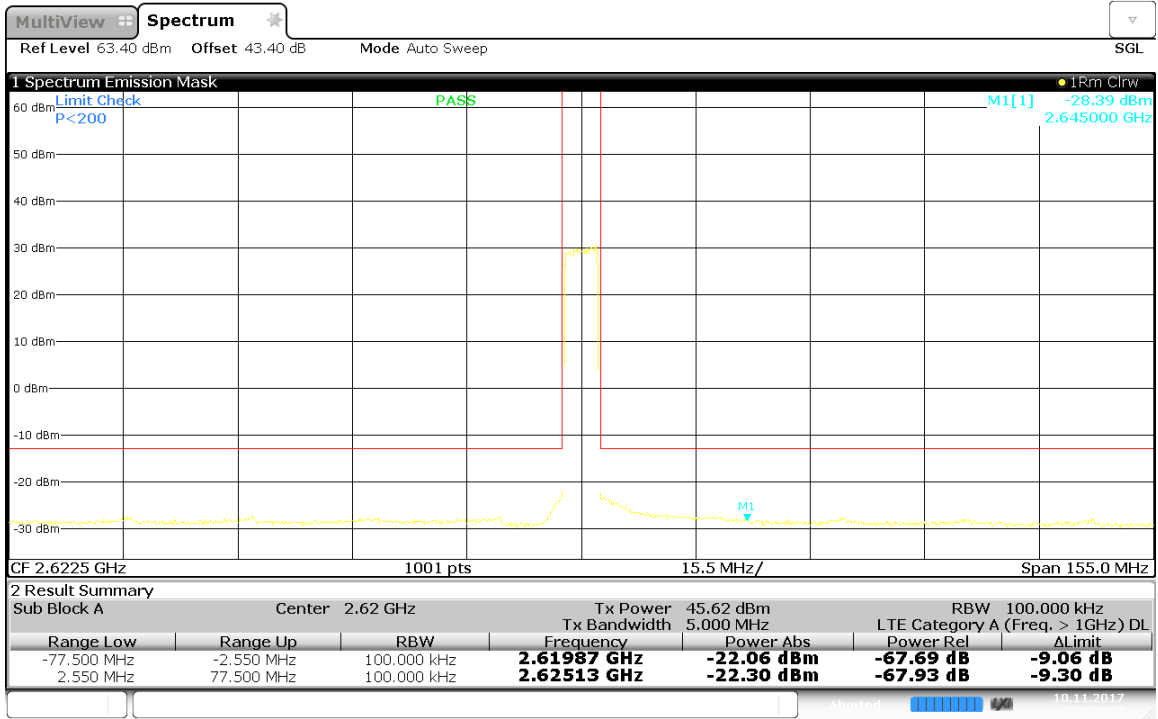
3.7.7. Test Data:

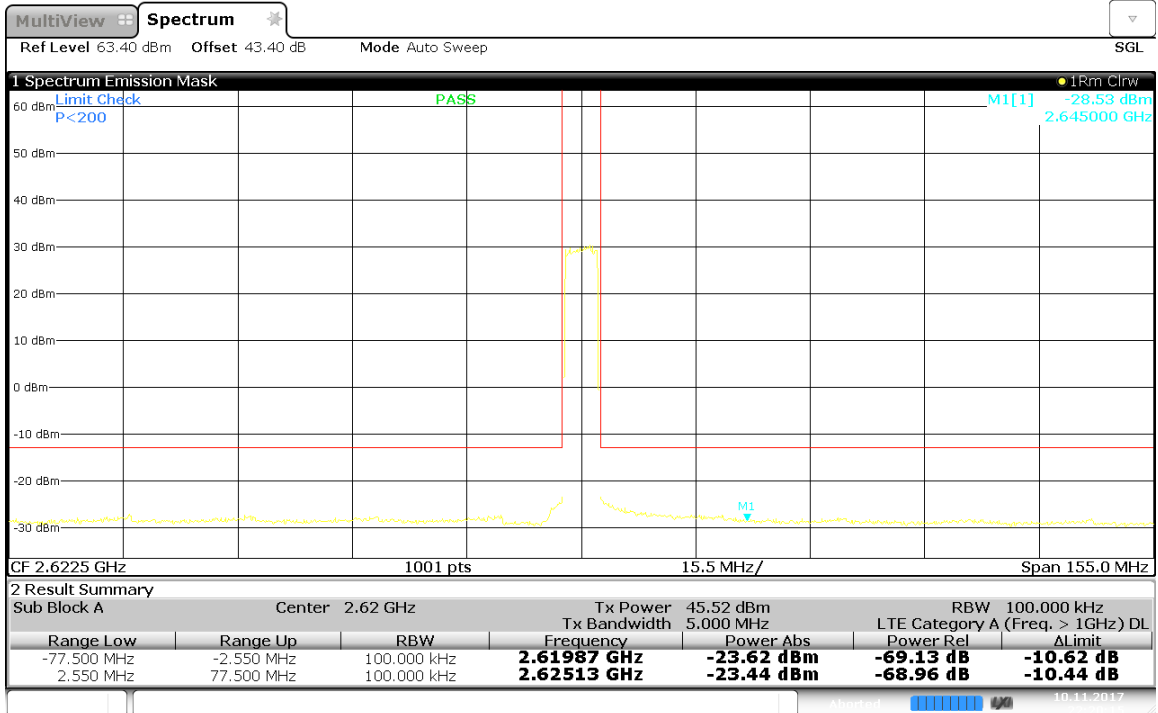
Single Carrier:

Channel Bandwidth :5M

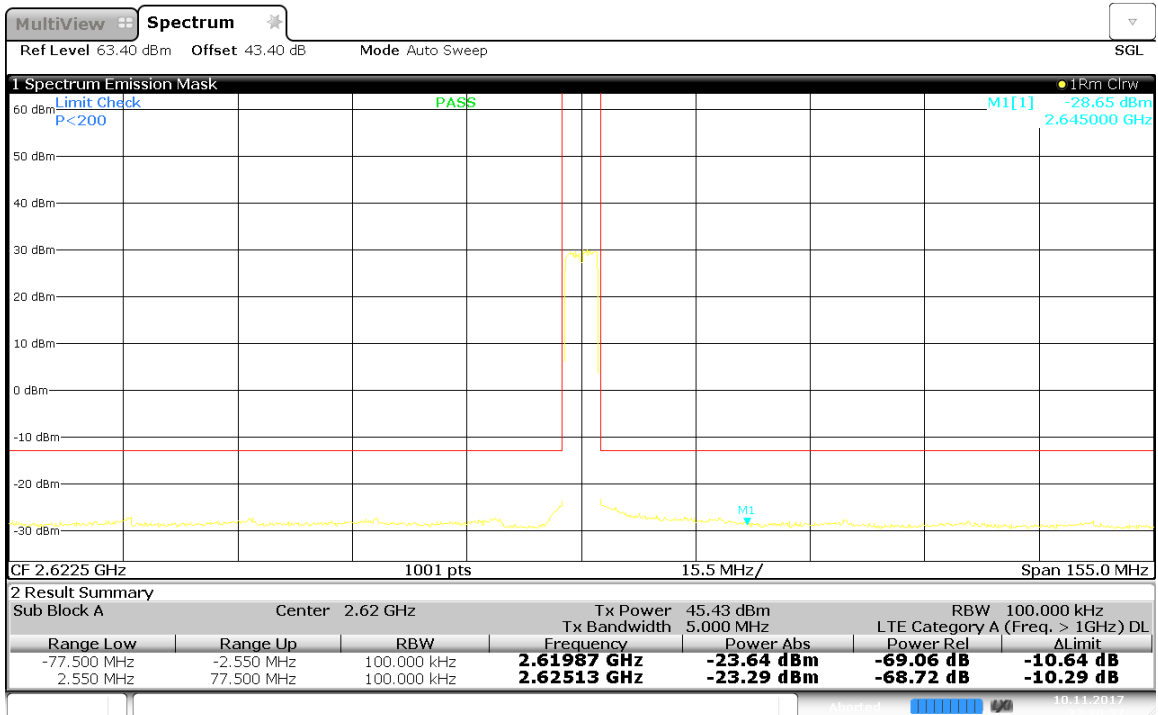
| Center Freq. (MHz) | Port | Max bandedge Emission (dBm) | Limit (dBm) |
|--------------------|------|-----------------------------|-------------|
| 2622.5 | 1 | -22.06 | -13 |
| | 2 | -23.44 | -13 |
| | 3 | -23.29 | -13 |
| | 4 | -22.19 | -13 |
| 2655 | 1 | -24.08 | -13 |
| | 2 | -21.52 | -13 |
| | 3 | -23.01 | -13 |
| | 4 | -23.31 | -13 |
| 2678.5 | 1 | -22.05 | -13 |
| | 2 | -22.56 | -13 |
| | 3 | -22.17 | -13 |
| | 4 | -22.76 | -13 |

5M -2622.5MHz-Port 1~4:

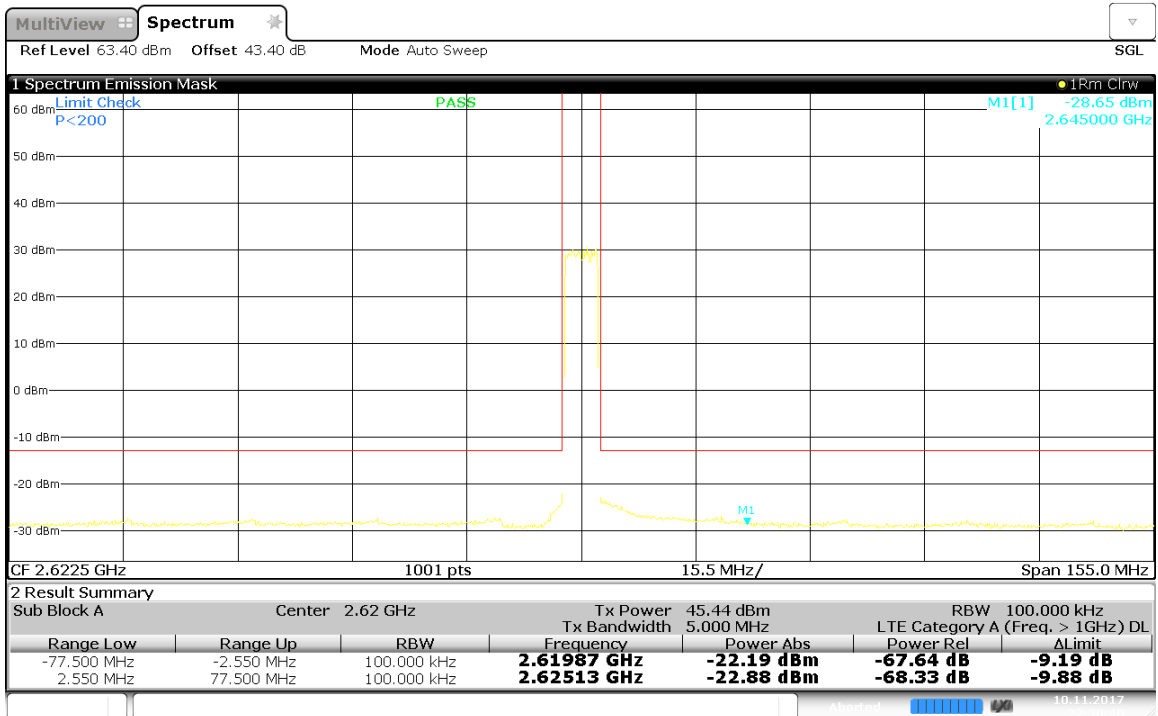




22:20:15 10.11.2017

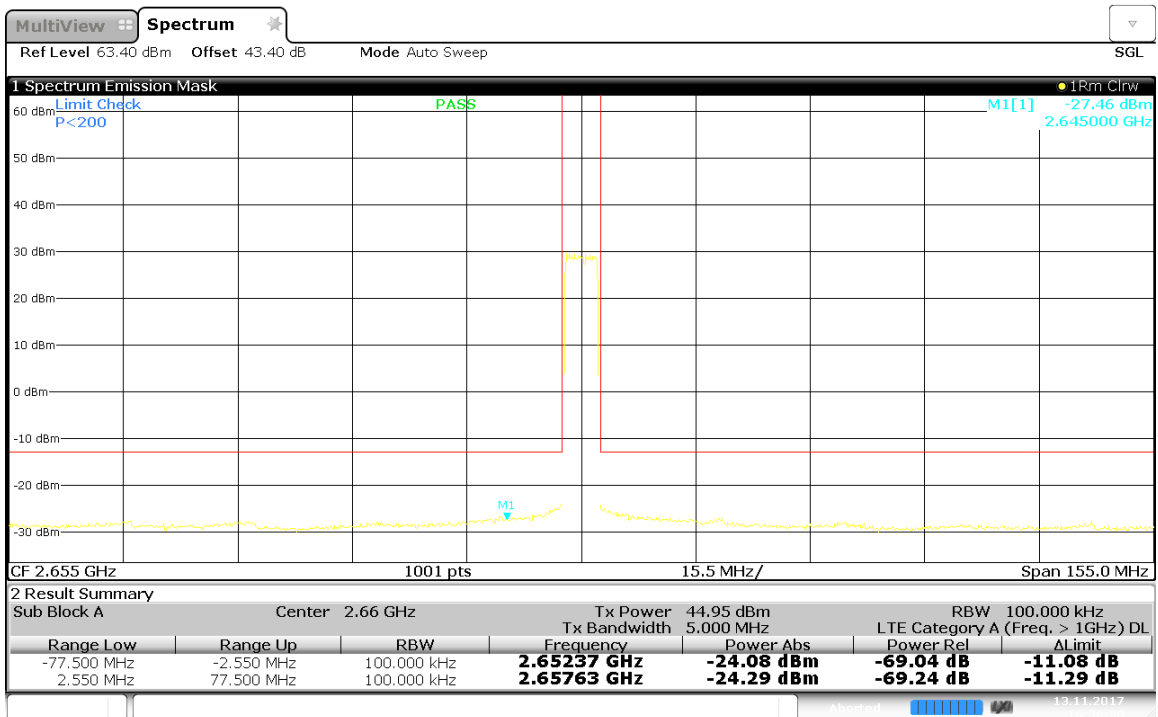


22:20:28 10.11.2017

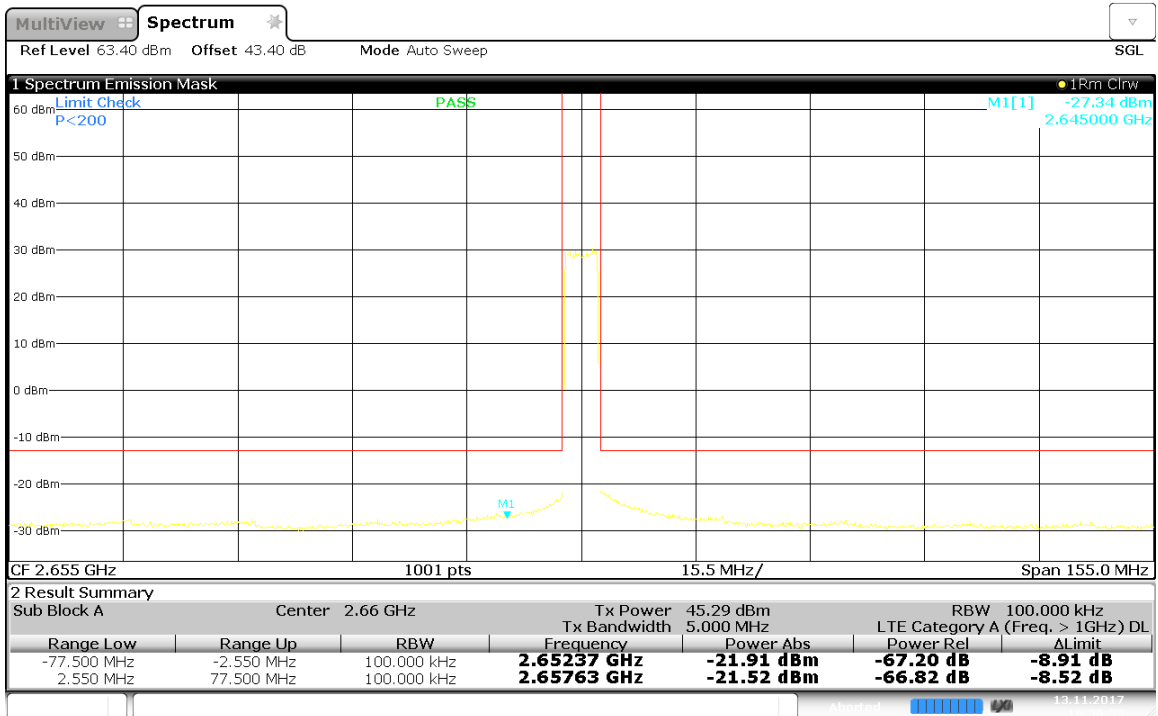


22:20:41 10.11.2017

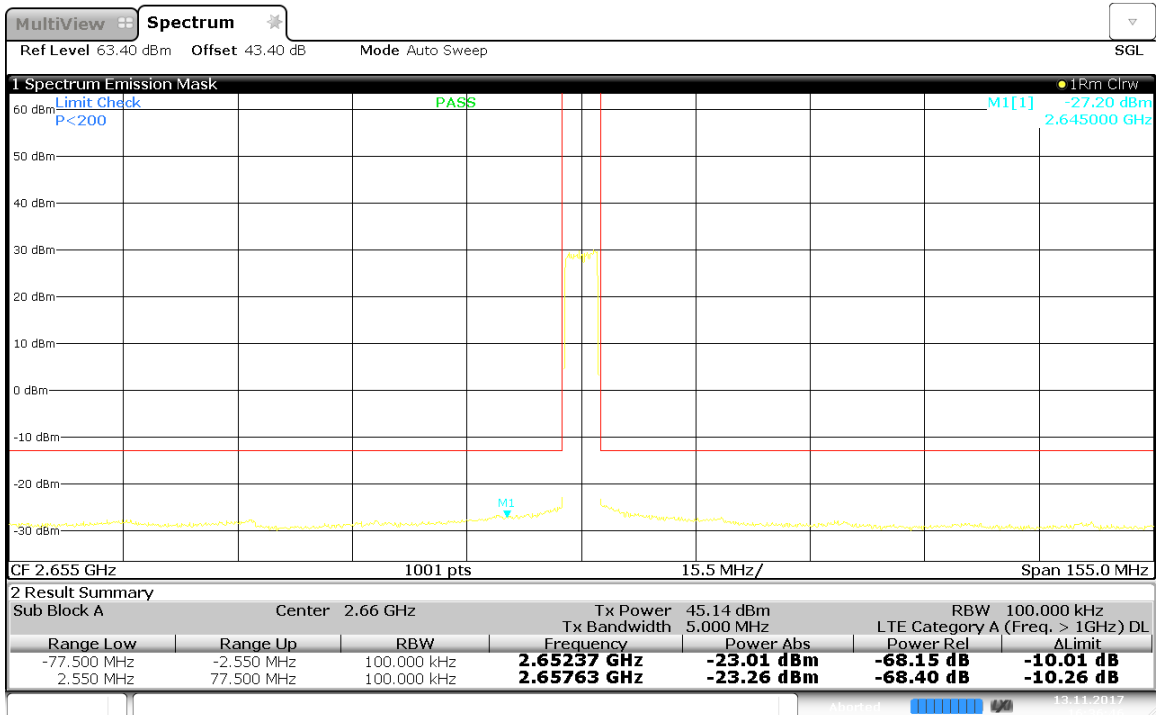
5M -2655MHz-Port 1~4:



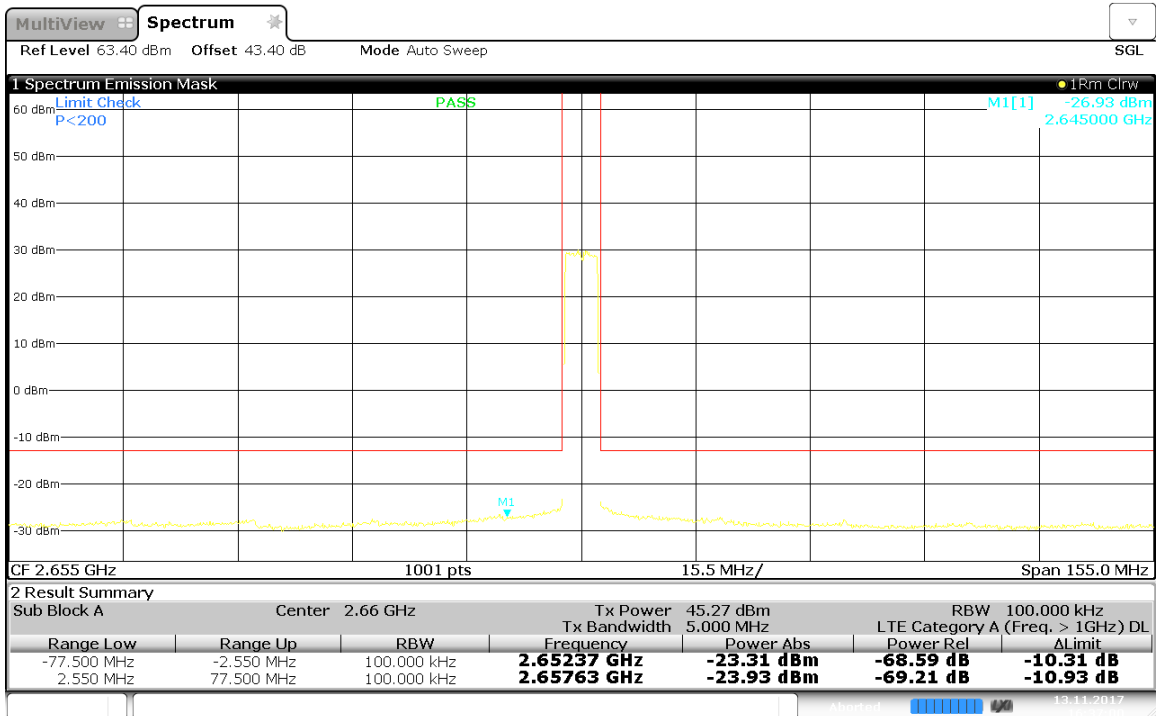
16:36:21 13.11.2017



16:36:34 13.11.2017

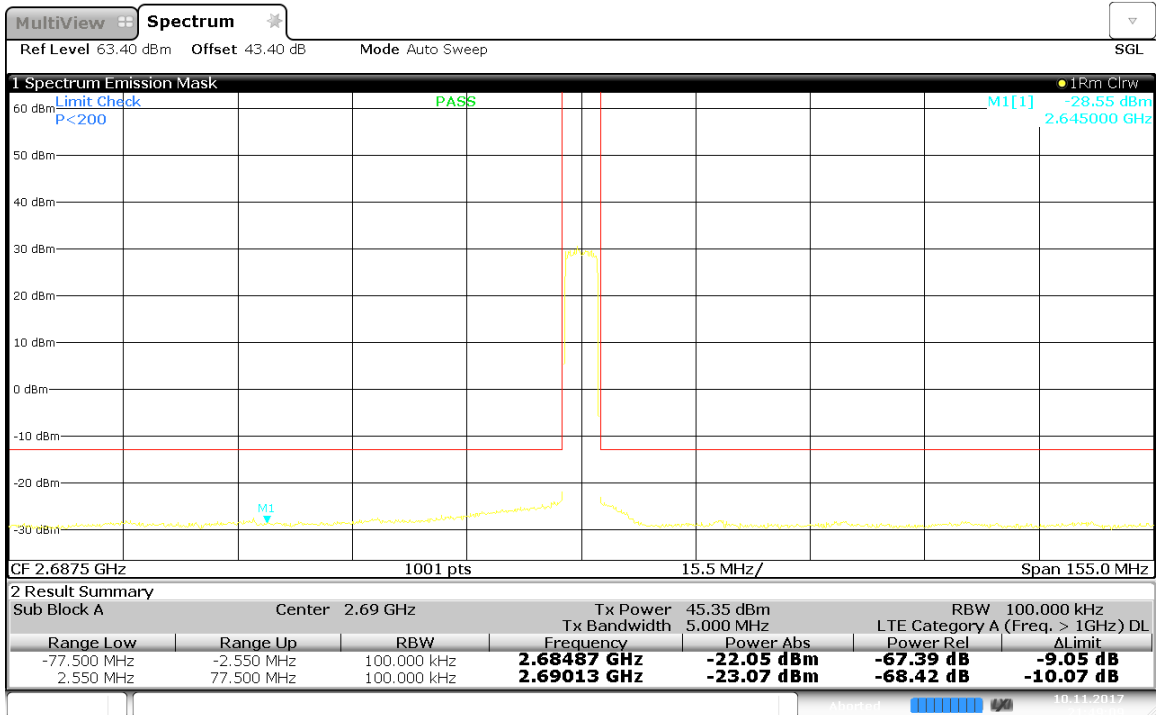


16:36:47 13.11.2017

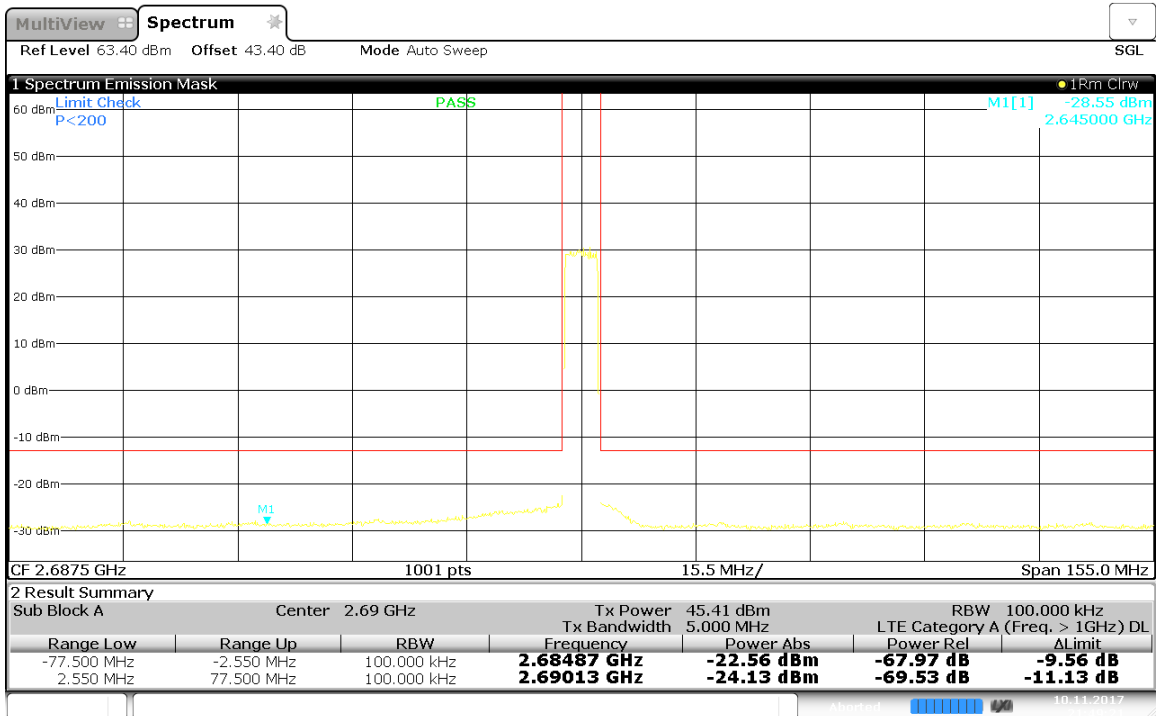


16:37:00 13.11.2017

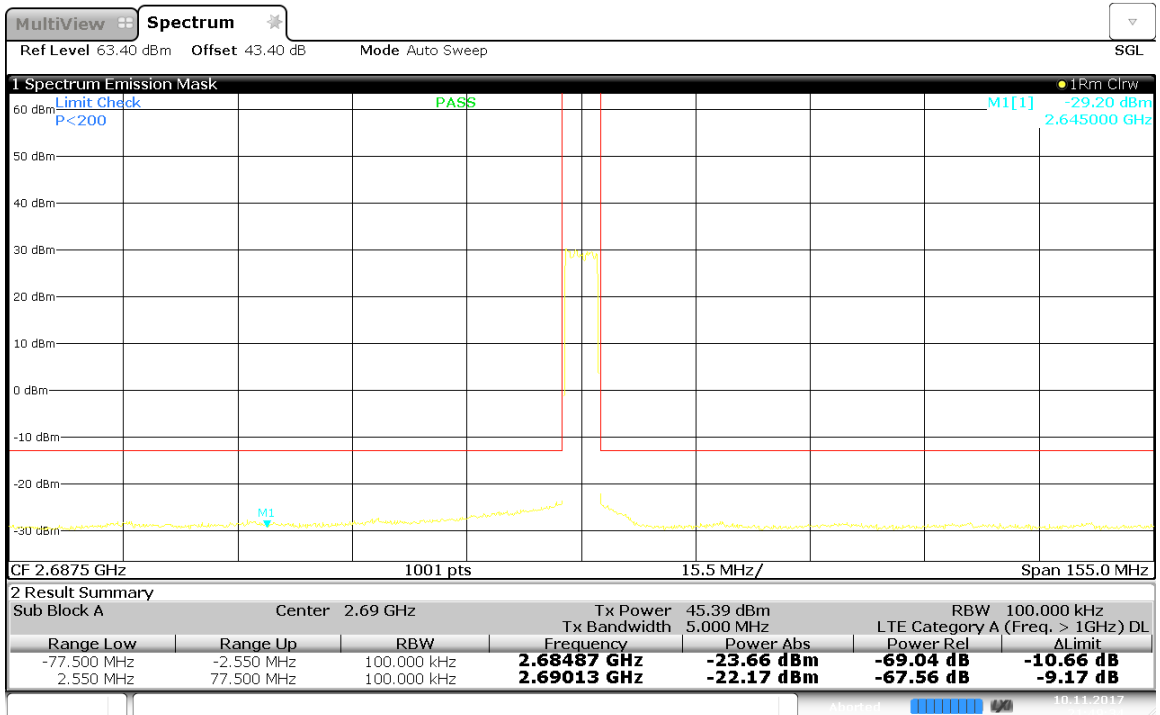
5M -2687.5MHz-Port 1~4:



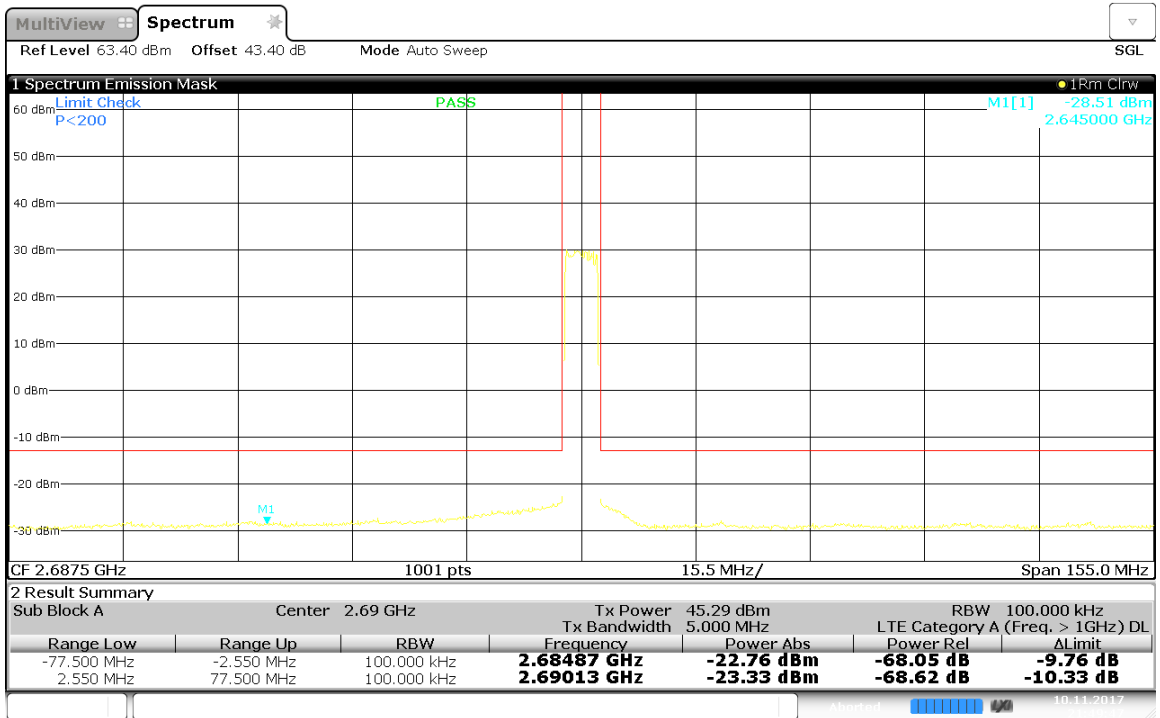
21:49:09 10.11.2017



21:49:22 10.11.2017



21:49:35 10.11.2017

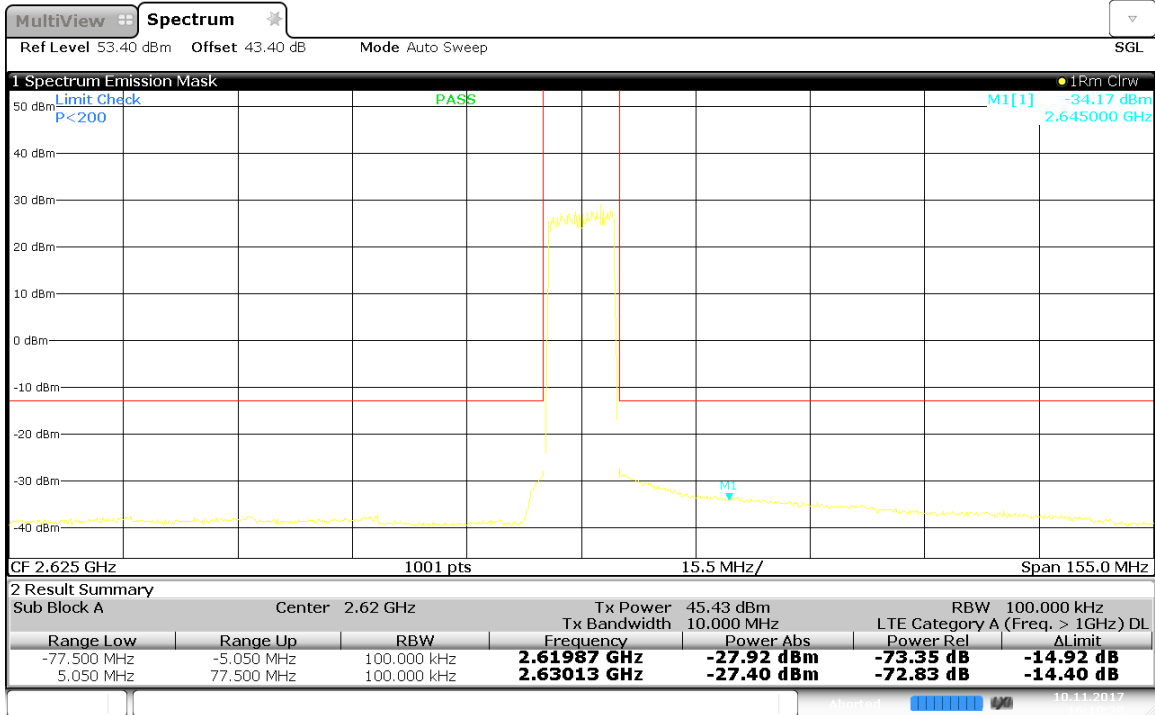


21:49:48 10.11.2017

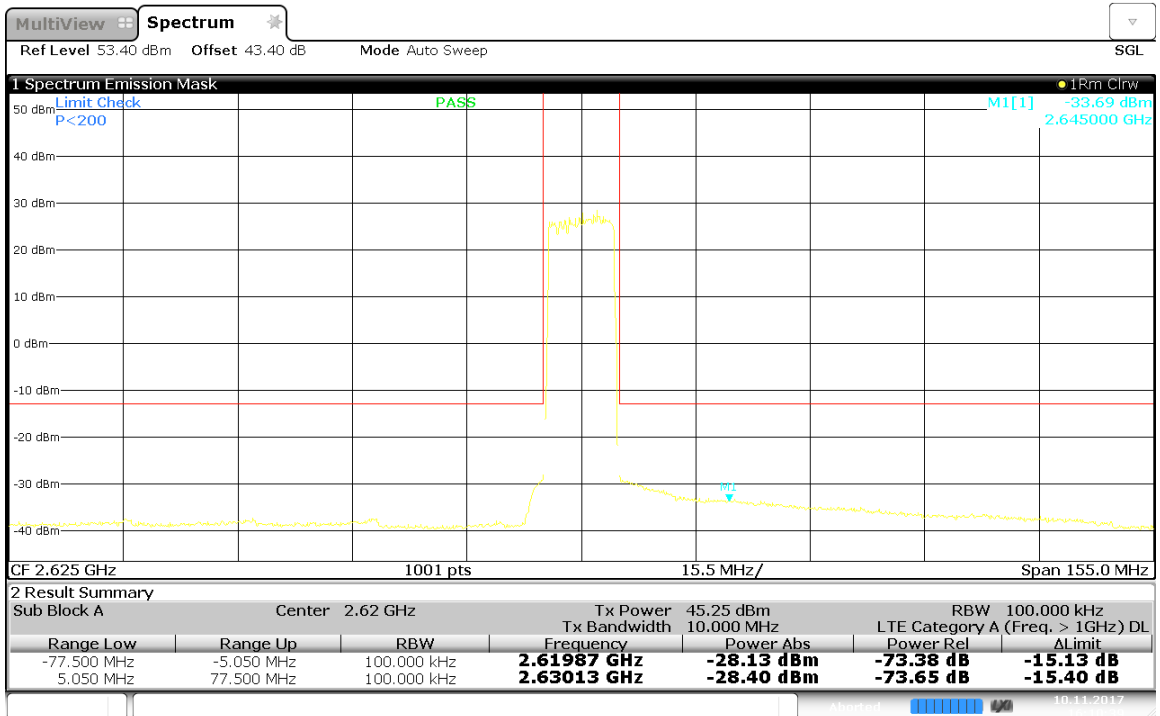
Channel Bandwidth :10M

| Center Freq. (MHz) | Port | Max bandedge Emission (dBm) | Limit (dBm) |
|--------------------|------|-----------------------------|-------------|
| 2625 | 1 | -27.4 | -13 |
| | 2 | -28.13 | -13 |
| | 3 | -27.58 | -13 |
| | 4 | -27.36 | -13 |
| 2655 | 1 | -27.59 | -13 |
| | 2 | -27.24 | -13 |
| | 3 | -27.7 | -13 |
| | 4 | -27.68 | -13 |
| 2685 | 1 | -22 | -13 |
| | 2 | -26.11 | -13 |
| | 3 | -26.45 | -13 |
| | 4 | -26.72 | -13 |

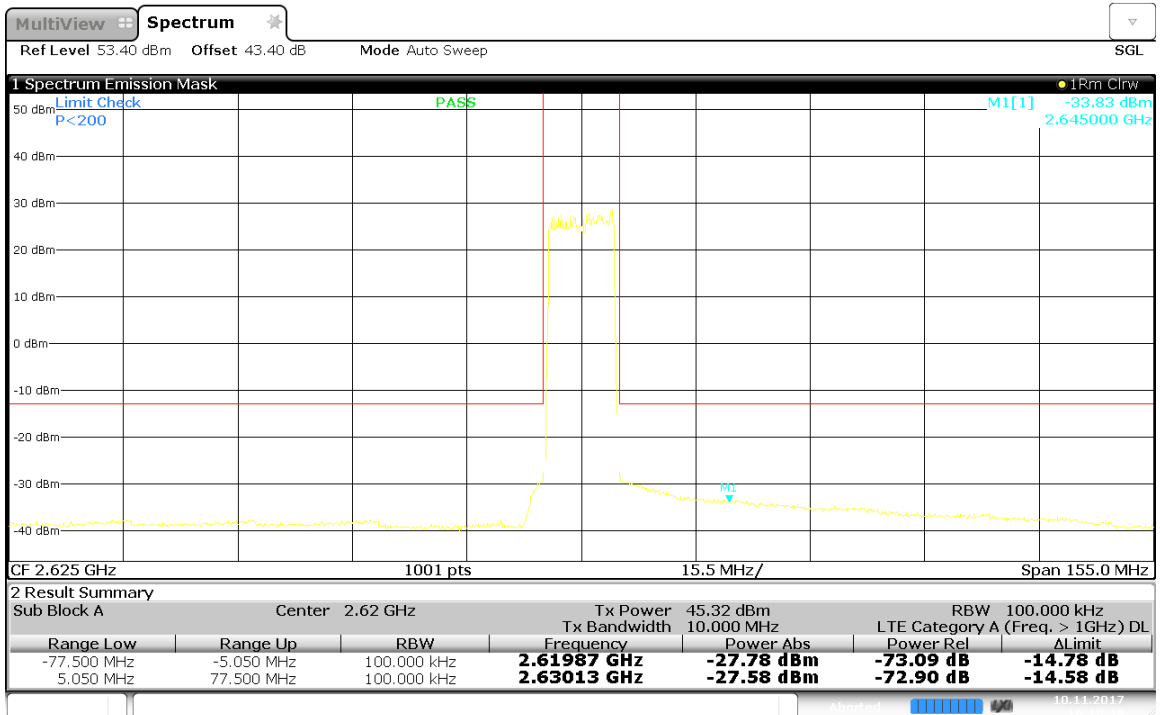
10M -2625MHz-Port 1~4:



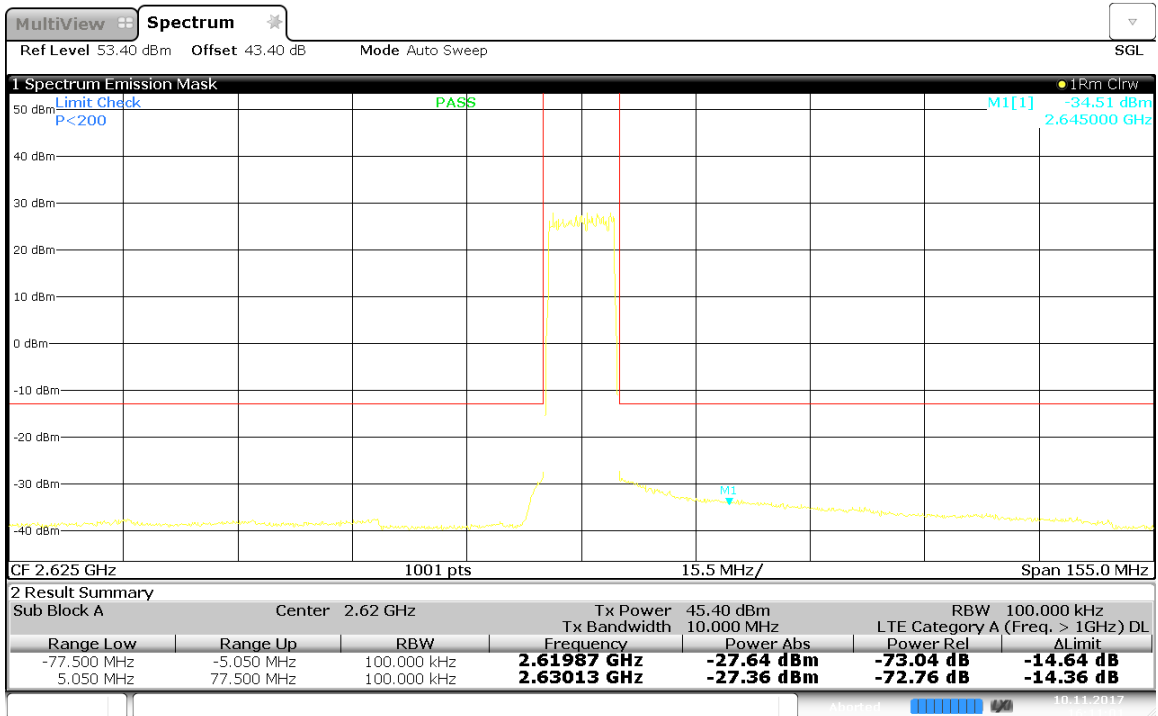
16:10:28 10.11.2017



16:10:39 10.11.2017

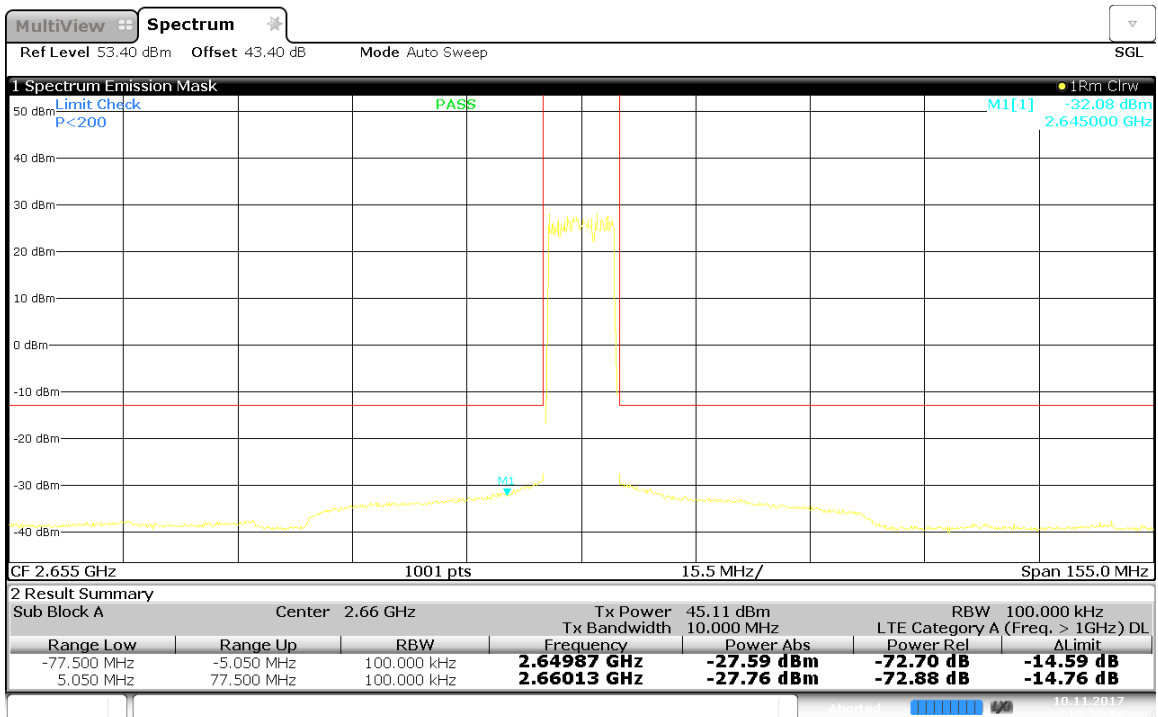


16:10:50 10.11.2017

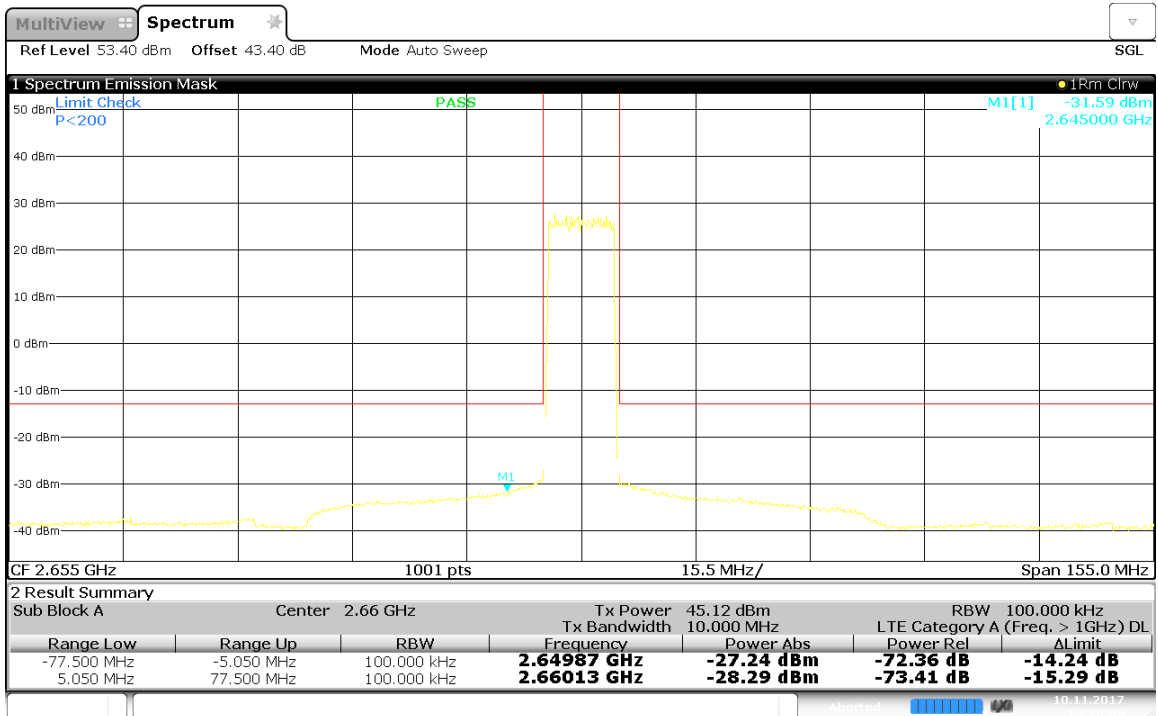


16:11:01 10.11.2017

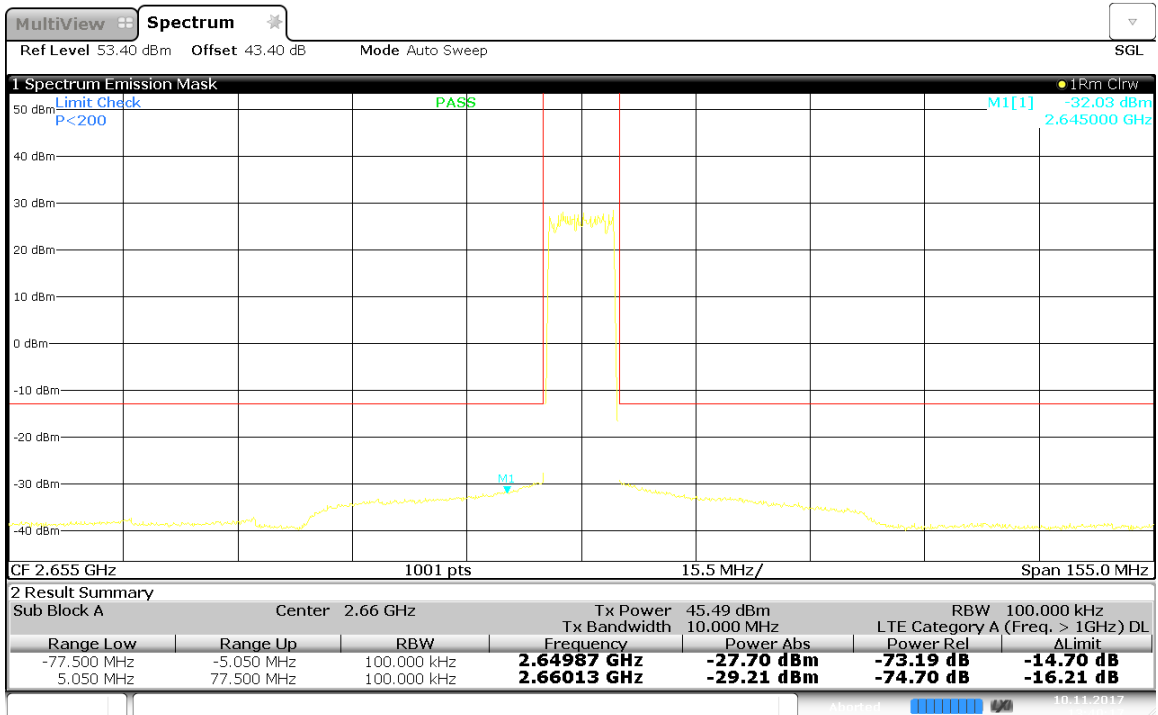
10M -2655MHz-Port 1~4:



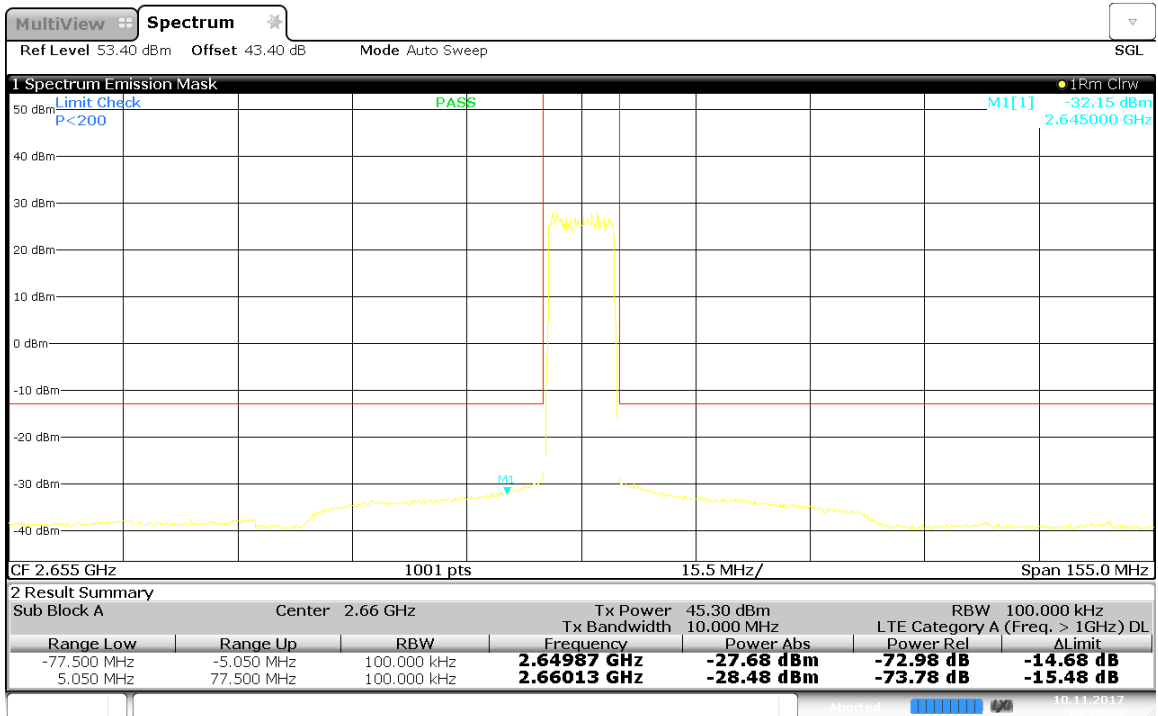
13:39:55 10.11.2017



13:40:06 10.11.2017

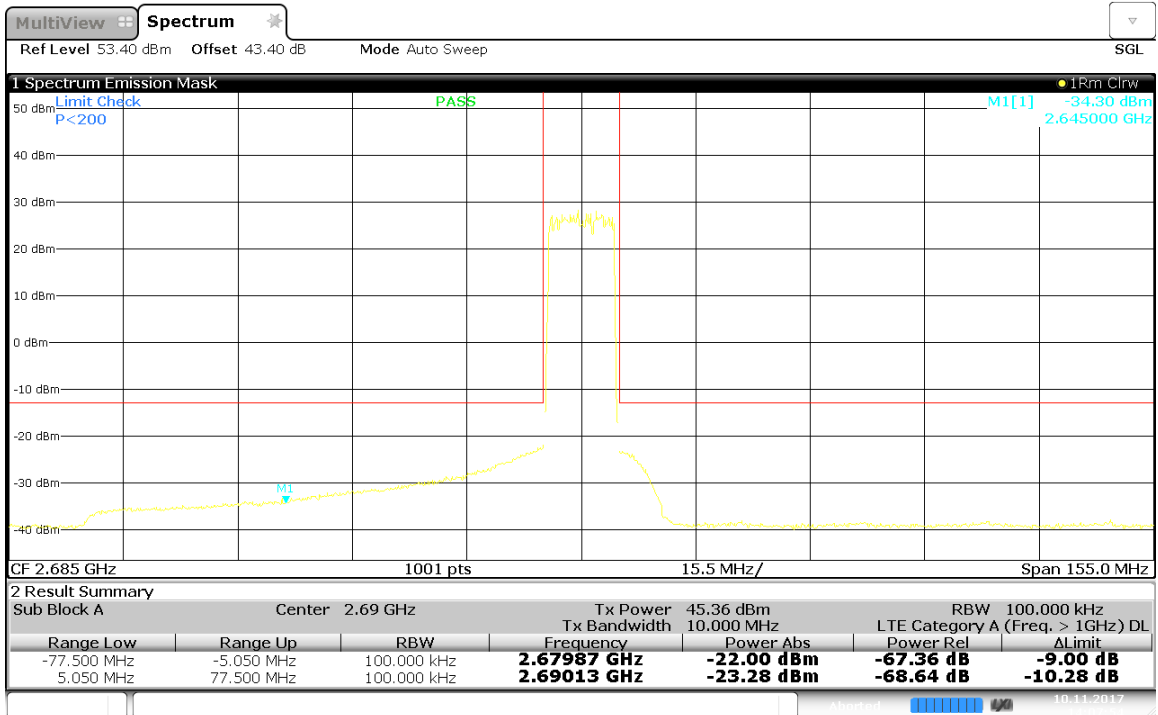


13:40:17 10.11.2017

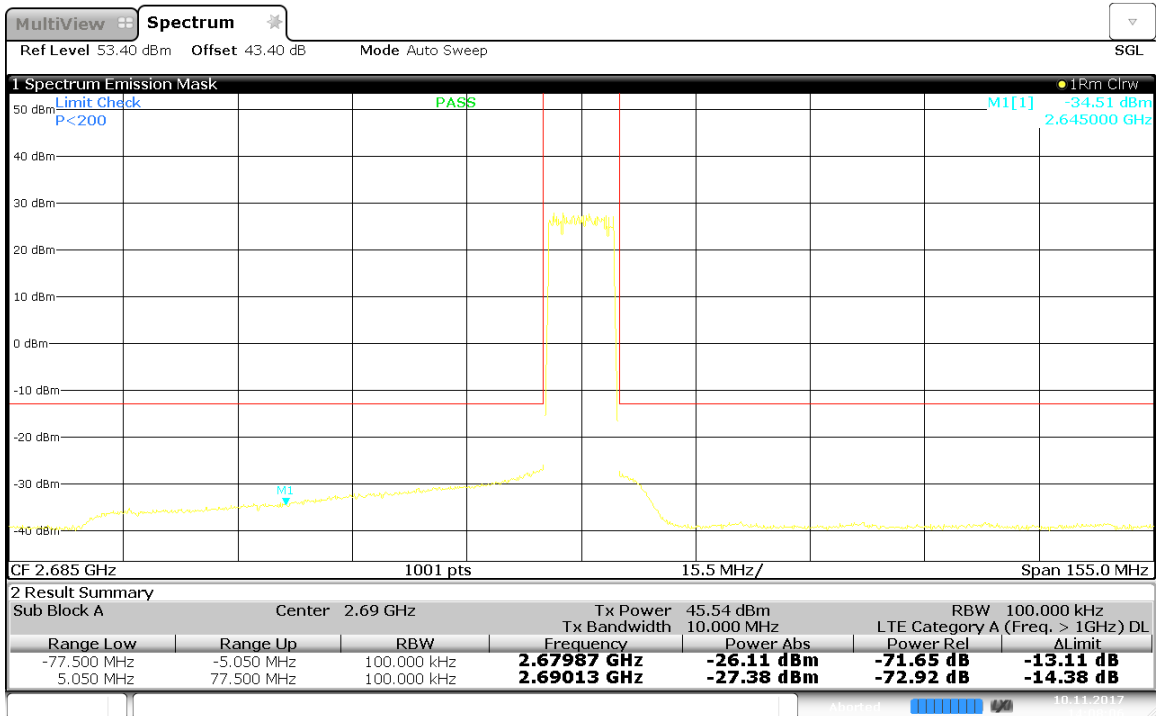


13:40:28 10.11.2017

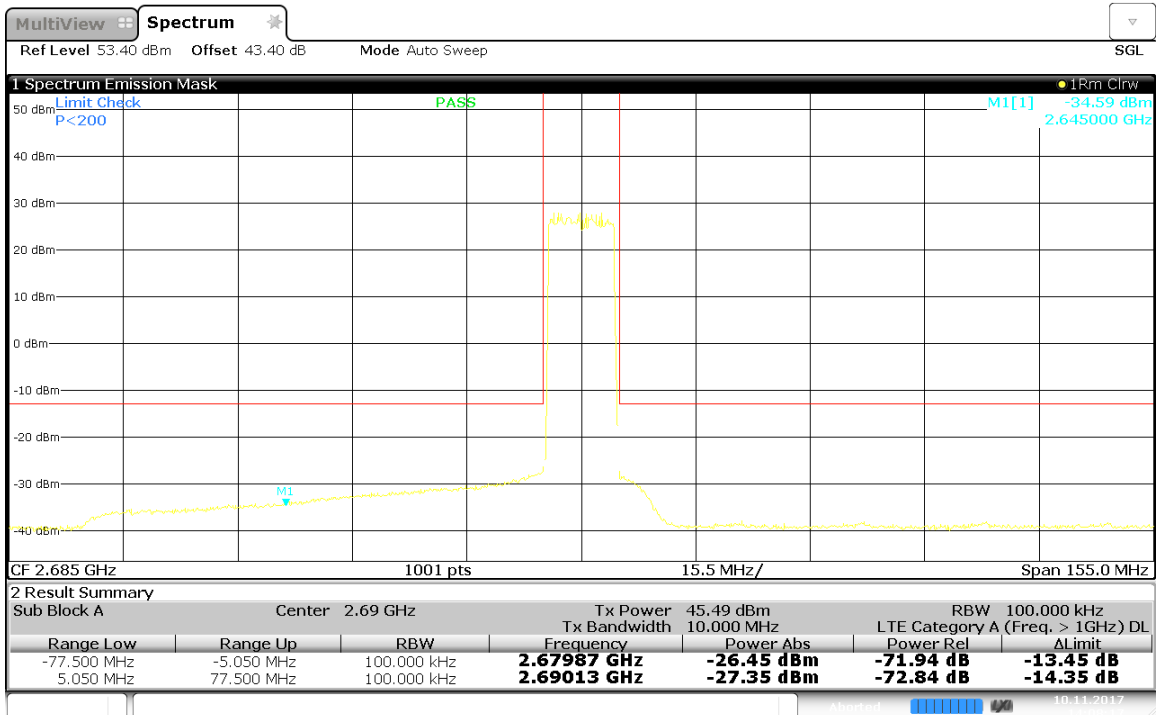
10M -2685MHz-Port 1~4:



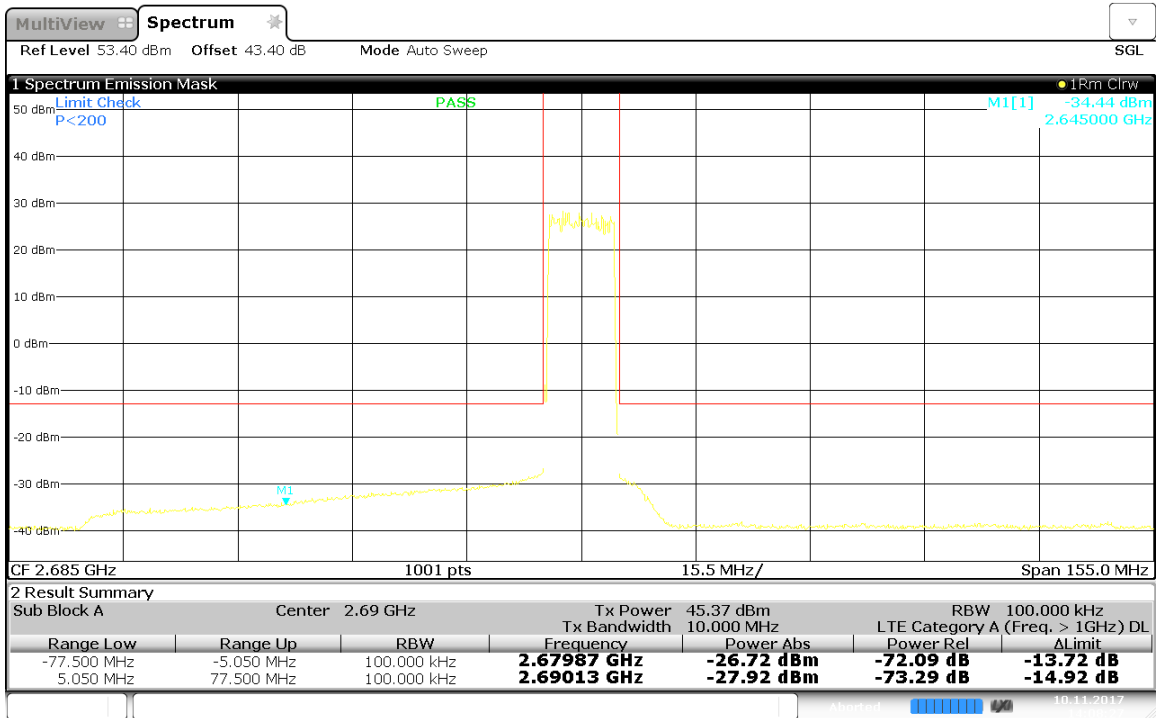
14:07:55 10.11.2017



14:08:06 10.11.2017



14:08:17 10.11.2017

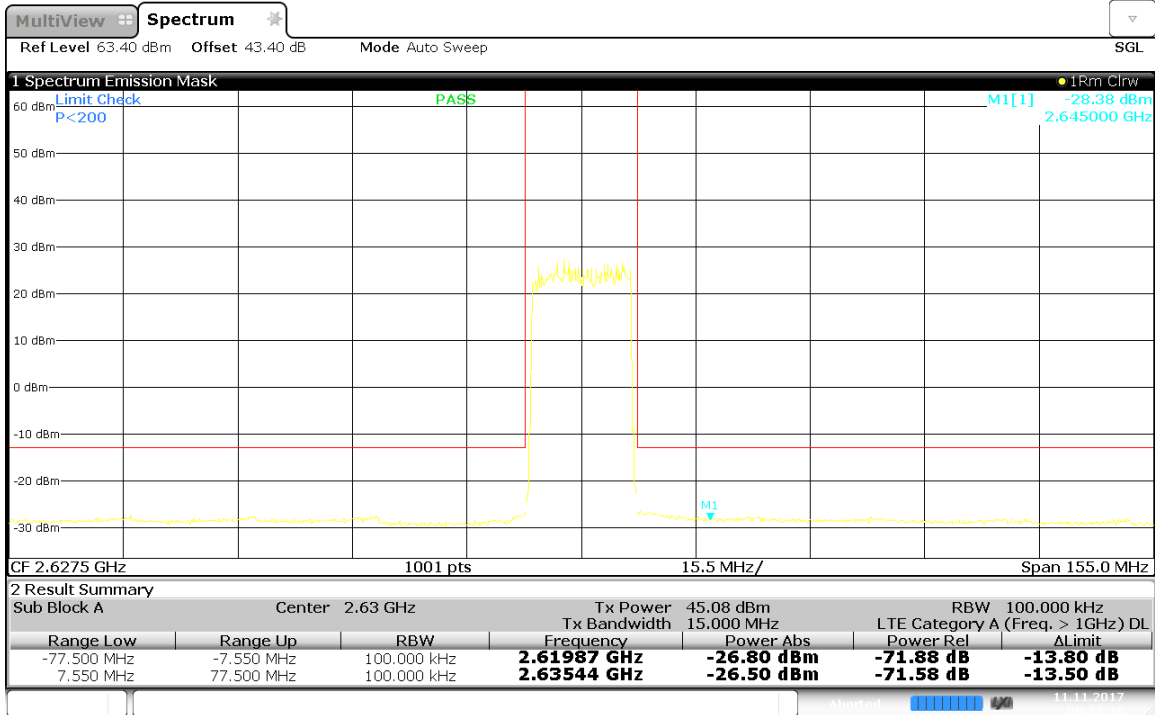


14:08:28 10.11.2017

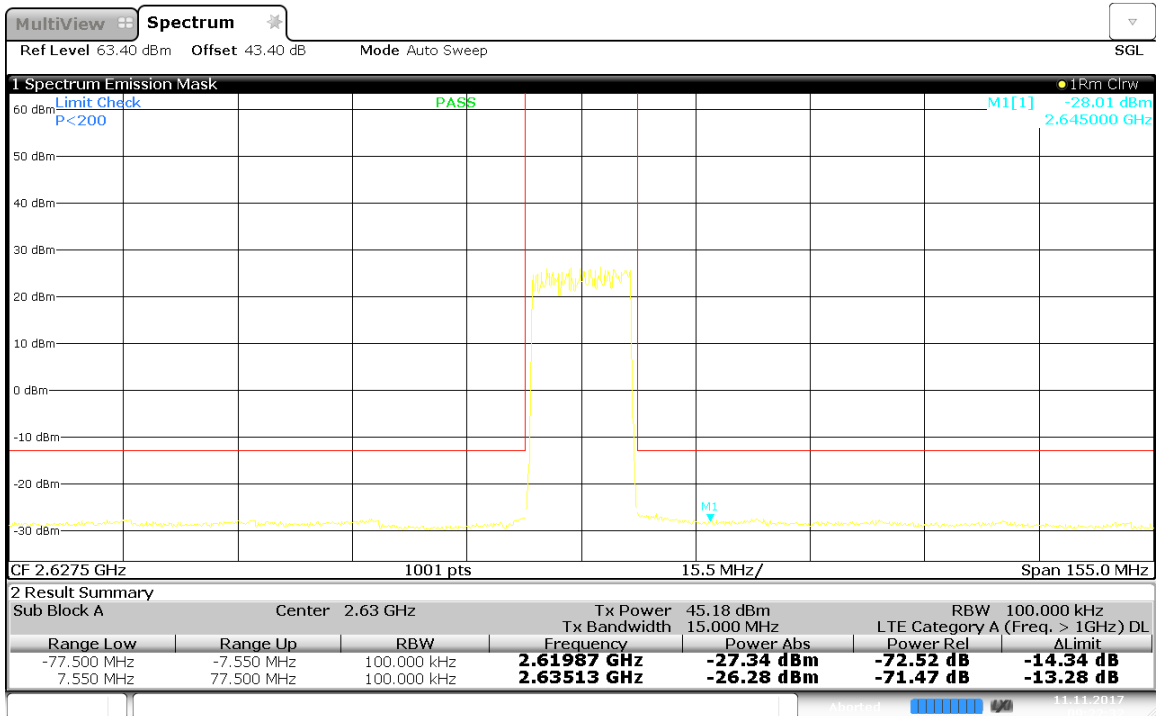
Channel Bandwidth :15M

| Center Freq. (MHz) | Port | Max bandedge Emission (dBm) | Limit (dBm) |
|--------------------|------|-----------------------------|-------------|
| 2627.5 | 1 | -26.5 | -13 |
| | 2 | -26.28 | -13 |
| | 3 | -26.33 | -13 |
| | 4 | -26.37 | -13 |
| 2655 | 1 | -25.99 | -13 |
| | 2 | -25.93 | -13 |
| | 3 | -25.95 | -13 |
| | 4 | -25.85 | -13 |
| 2682.5 | 1 | -25.94 | -13 |
| | 2 | -25.9 | -13 |
| | 3 | -26.15 | -13 |
| | 4 | -26.38 | -13 |

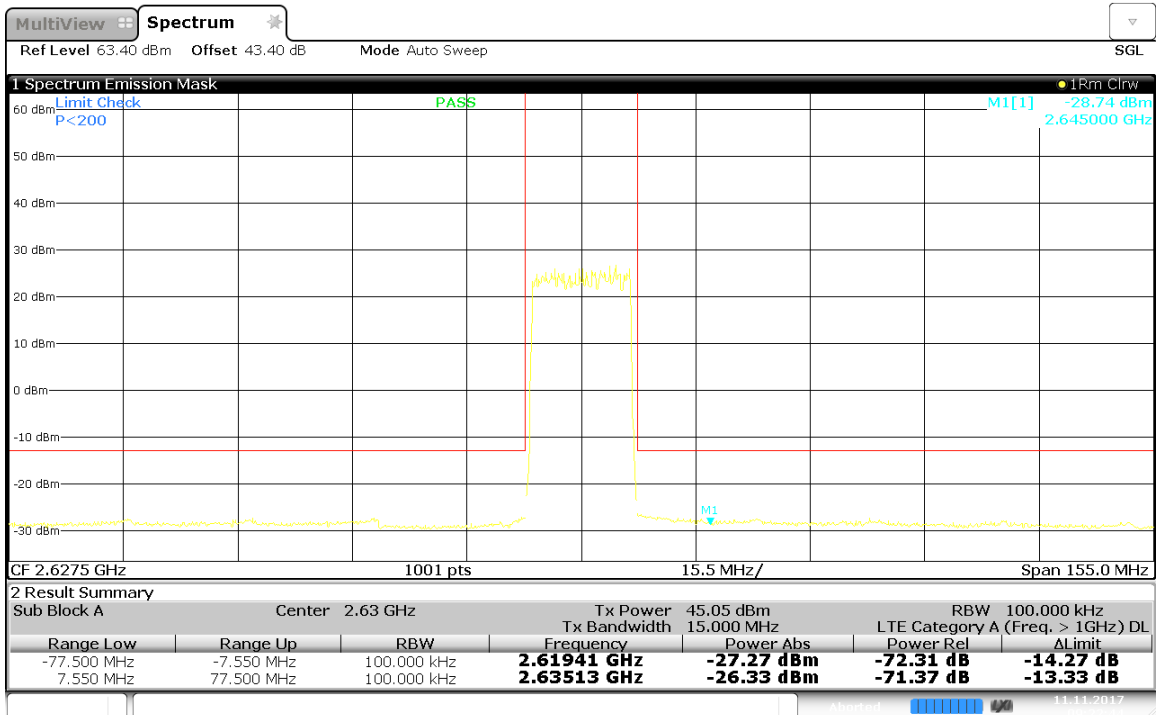
15M -2627.5MHz-Port 1~4:



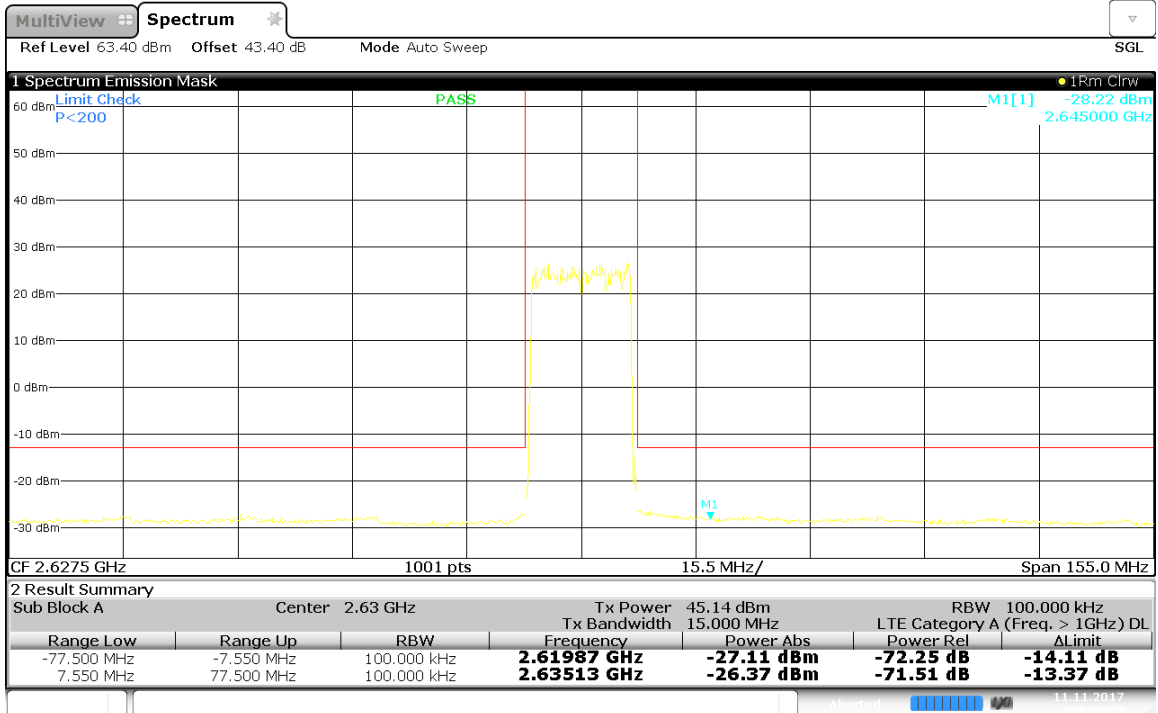
09:22:19 11.11.2017



09:22:32 11.11.2017

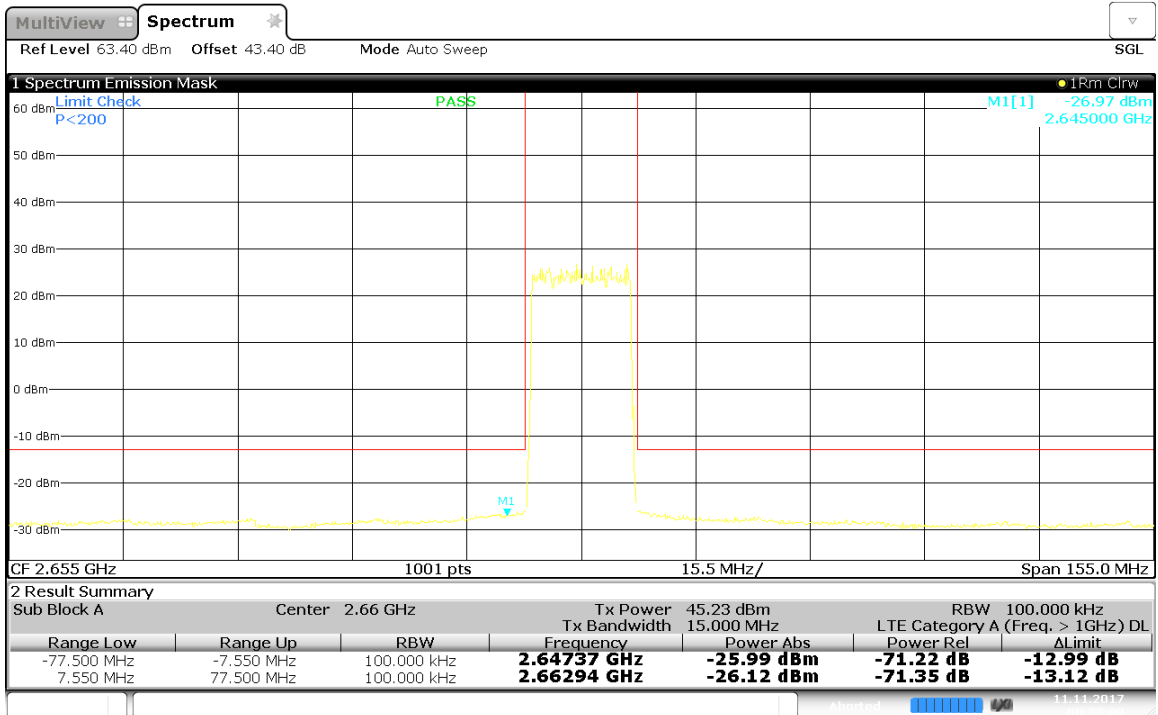


09:22:45 11.11.2017

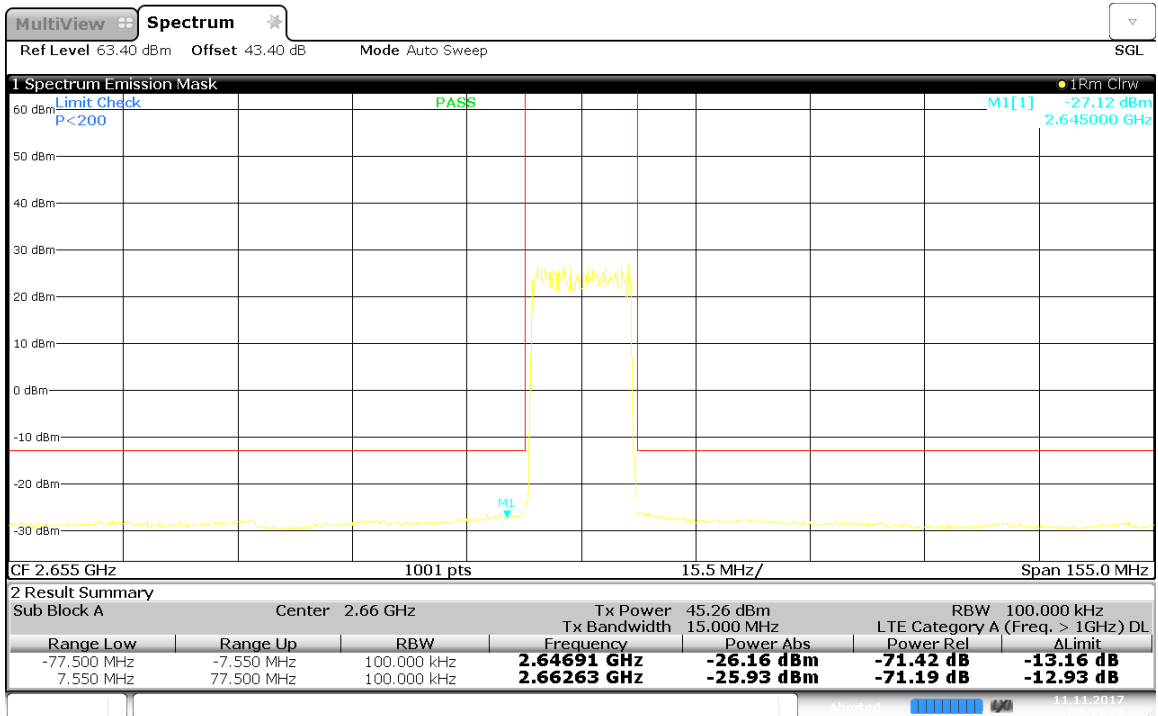


09:22:58 11.11.2017

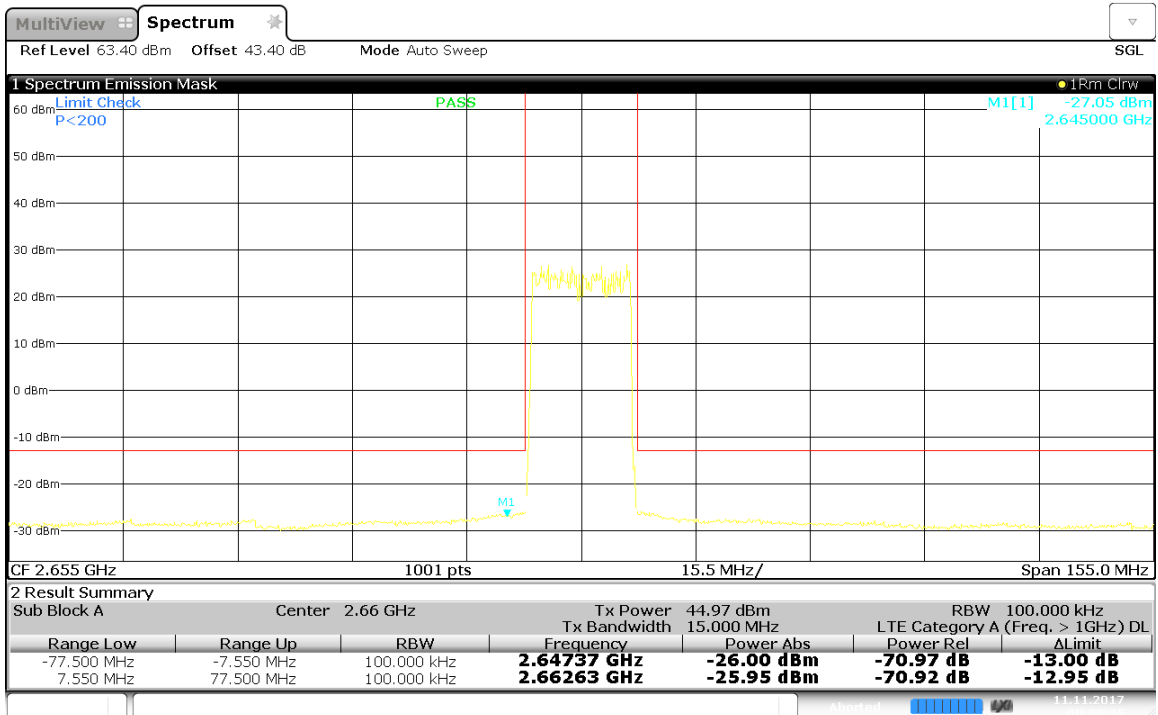
15M -2655MHz-Port 1~4:



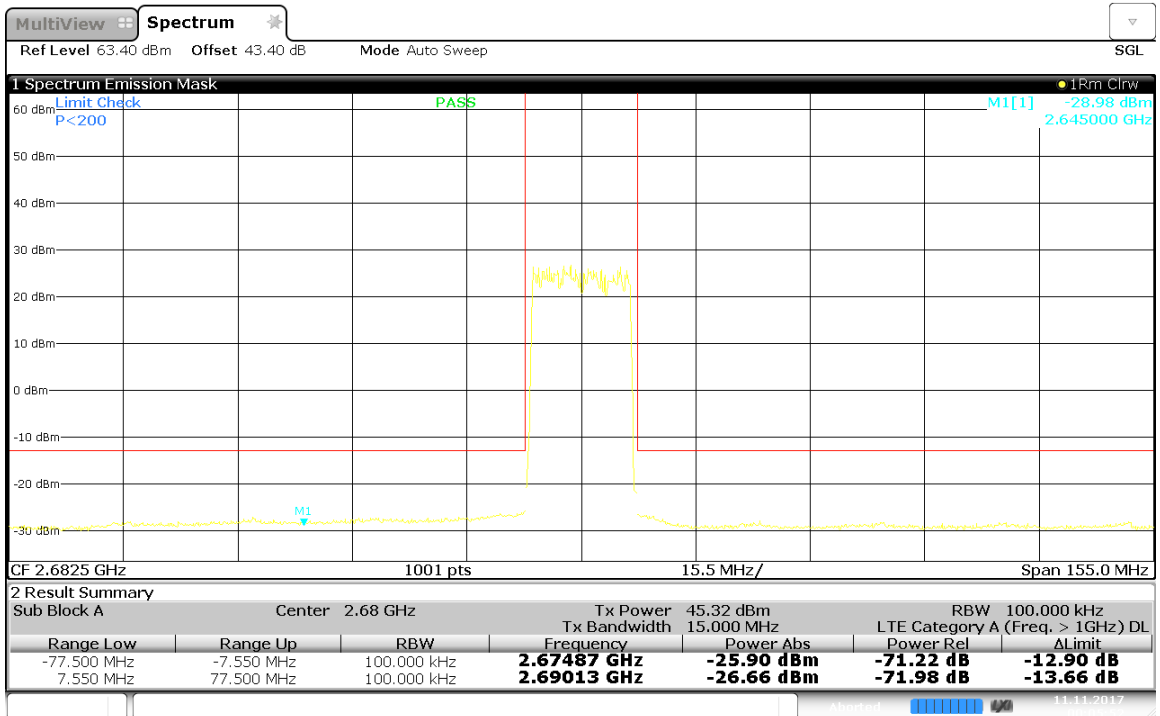
00:33:10 11.11.2017



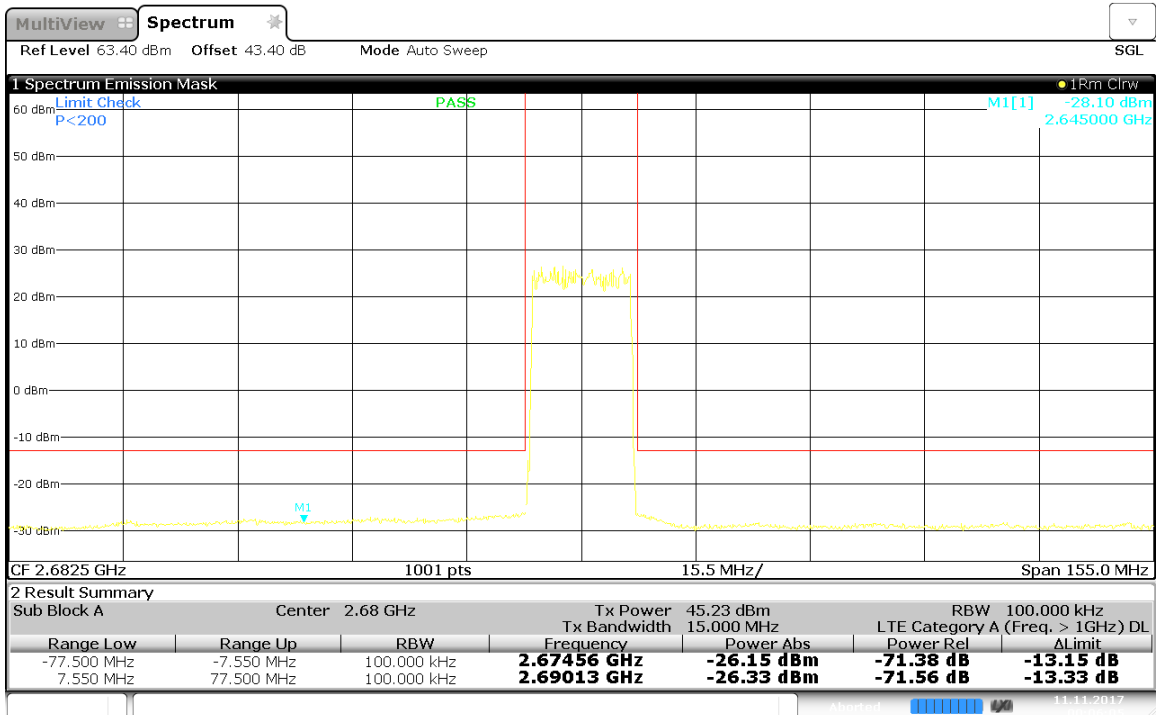
00:33:23 11.11.2017



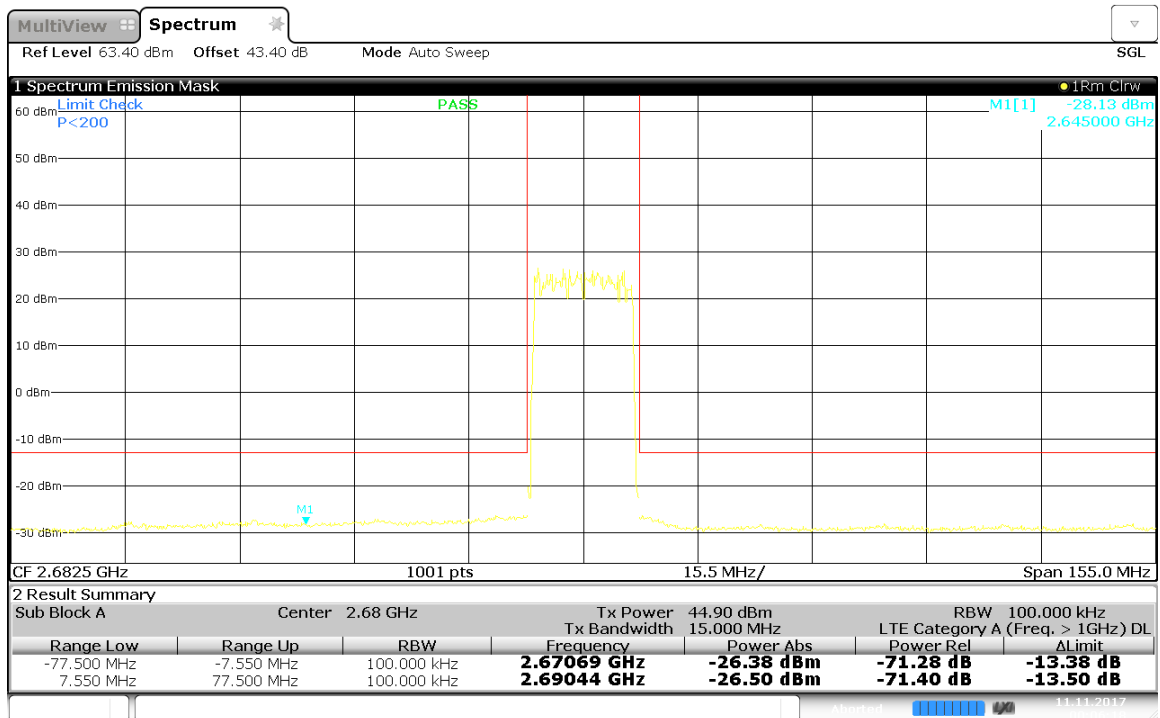
00:33:36 11.11.2017



00:05:53 11.11.2017



00:06:05 11.11.2017

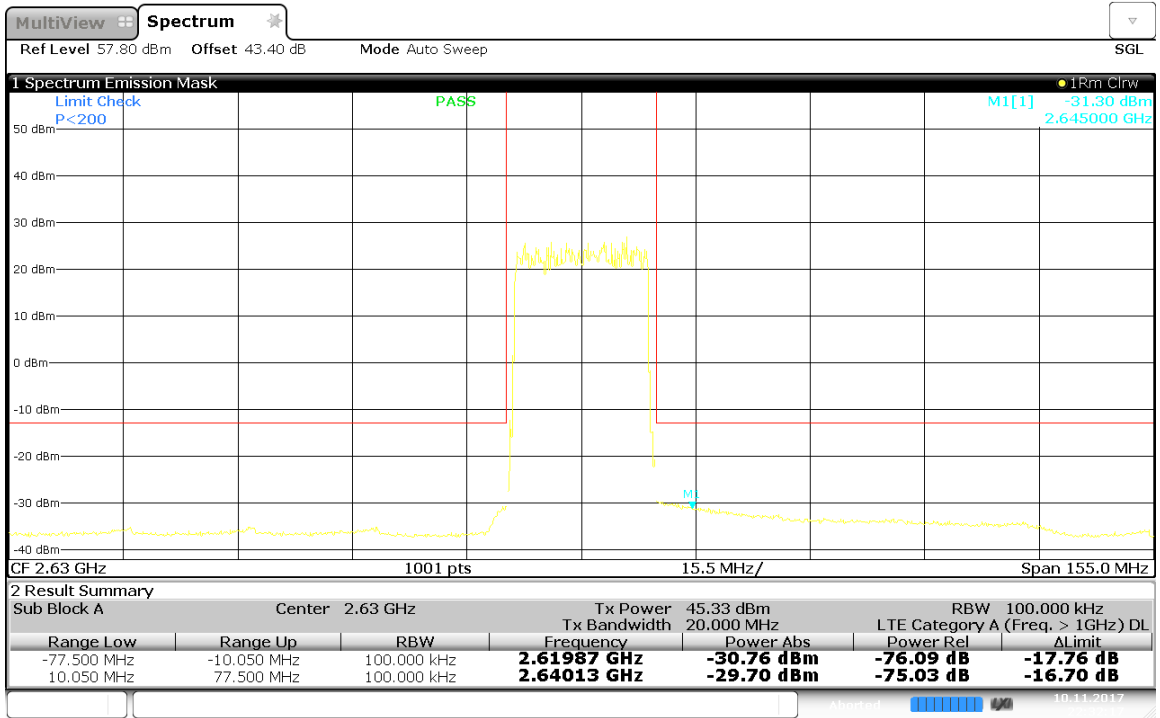


00:06:18 11.11.2017

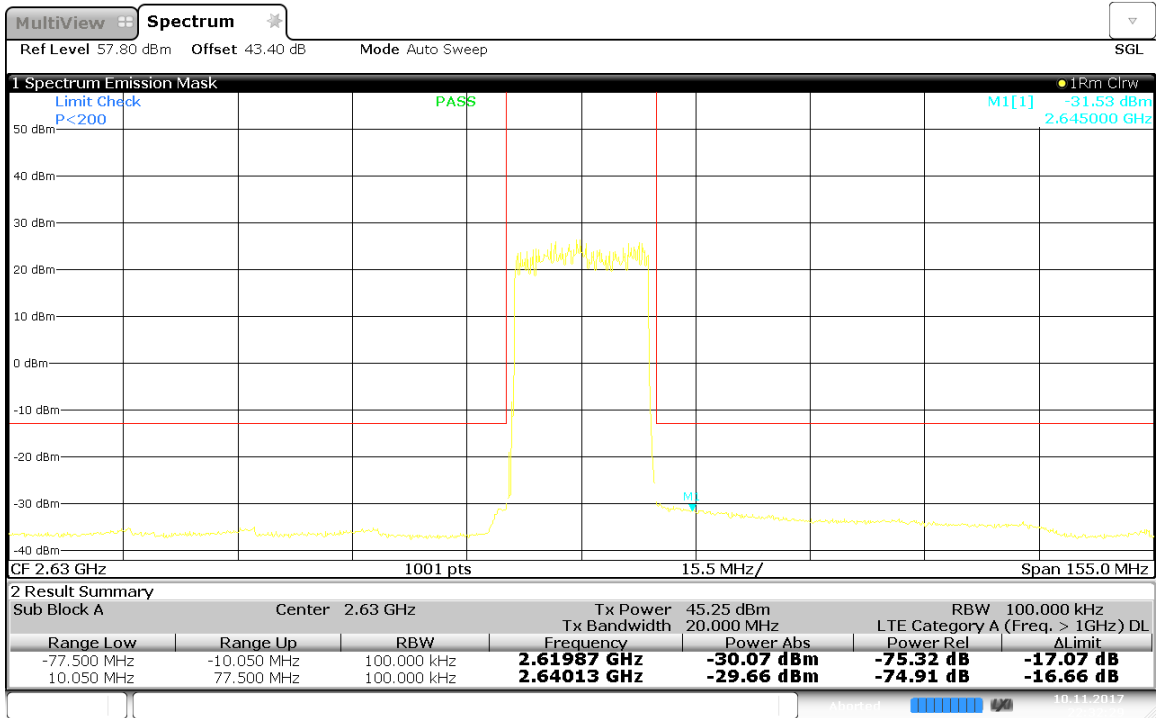
Channel Bandwidth :20M

| Center Freq. (MHz) | Port | Max bandedge Emission (dBm) | Limit (dBm) |
|--------------------|------|-----------------------------|-------------|
| 2630 | 1 | -29.7 | -13 |
| | 2 | -29.66 | -13 |
| | 3 | -29.74 | -13 |
| | 4 | -29.63 | -13 |
| 2655 | 1 | -27.98 | -13 |
| | 2 | -28.01 | -13 |
| | 3 | -27.76 | -13 |
| | 4 | -27.58 | -13 |
| 2680 | 1 | -29.28 | -13 |
| | 2 | -29.71 | -13 |
| | 3 | -29.85 | -13 |
| | 4 | -28.09 | -13 |

20M -2630MHz-Port 1~4:

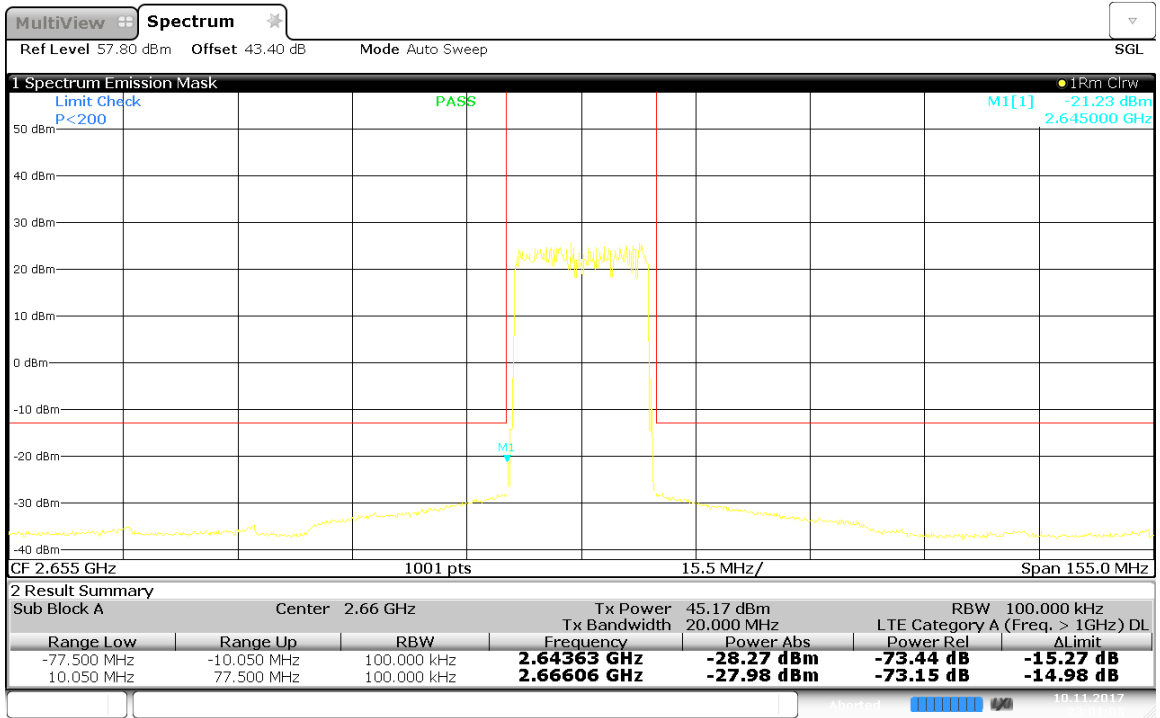


22:32:17 10.11.2017

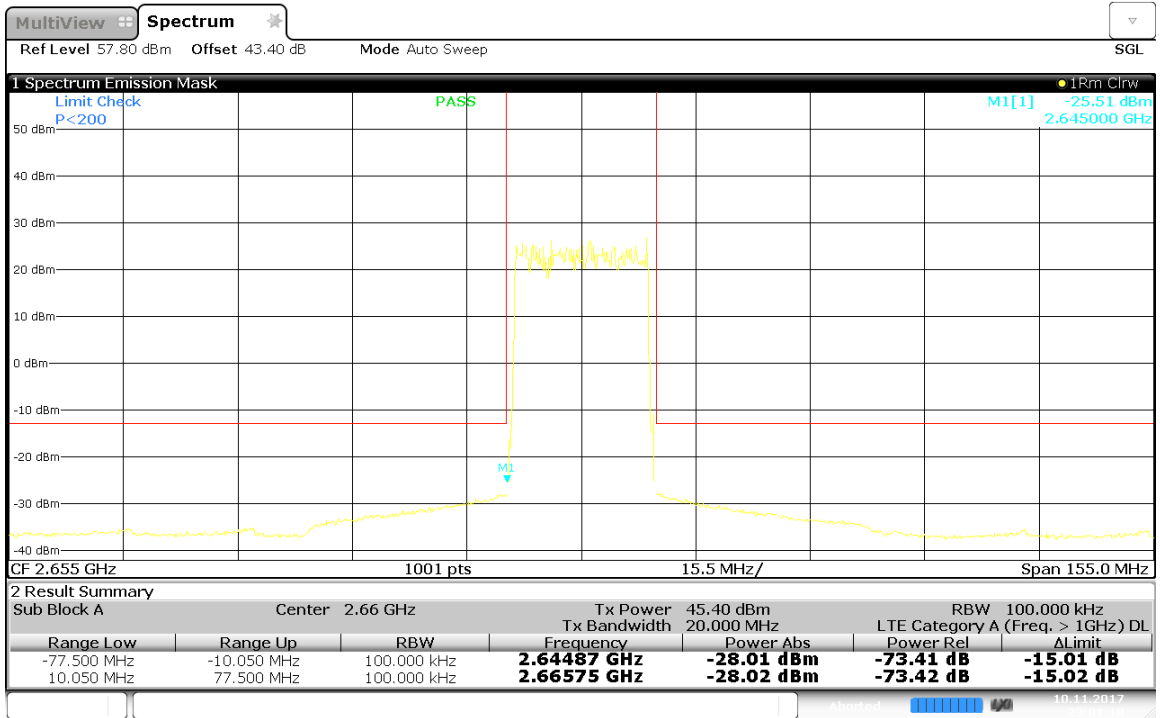


22:32:30 10.11.2017

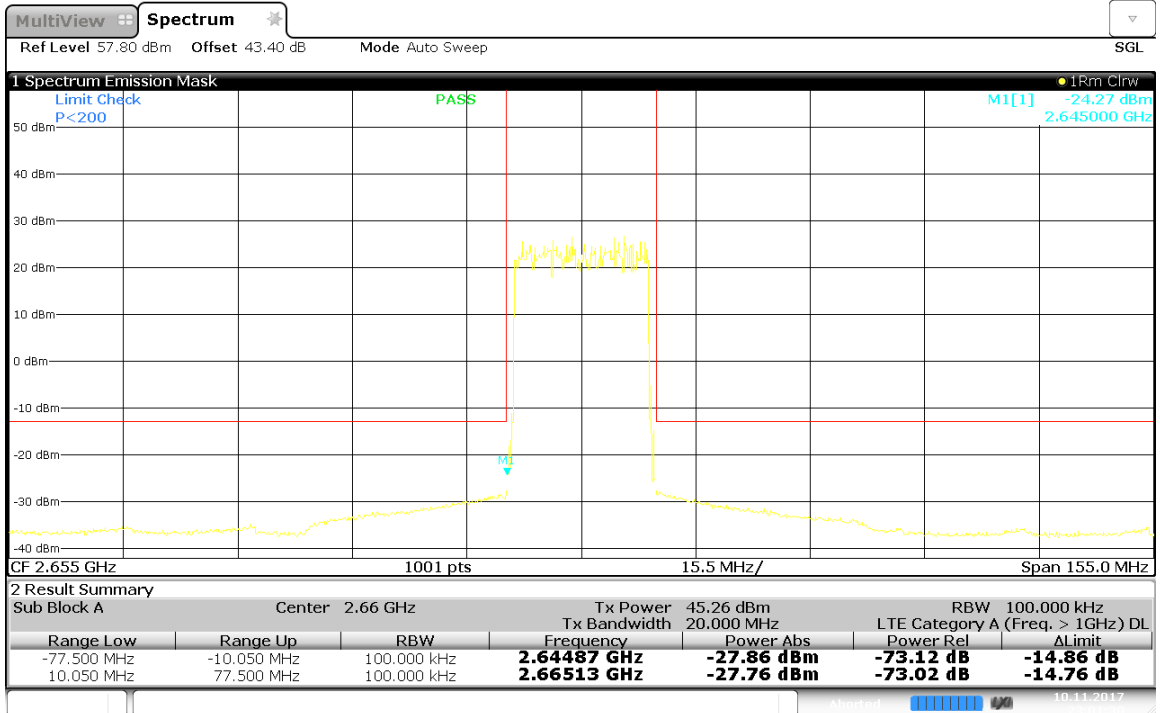
20M -2655MHz-Port 1~4:



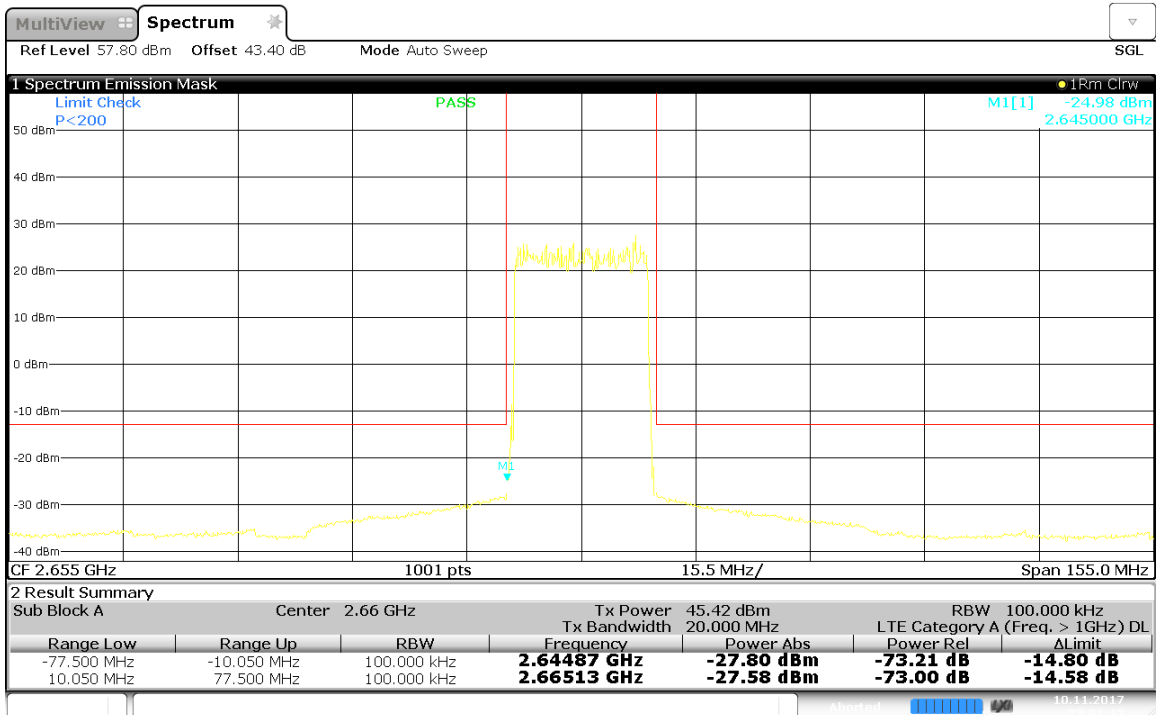
23:01:05 10.11.2017



23:01:18 10.11.2017

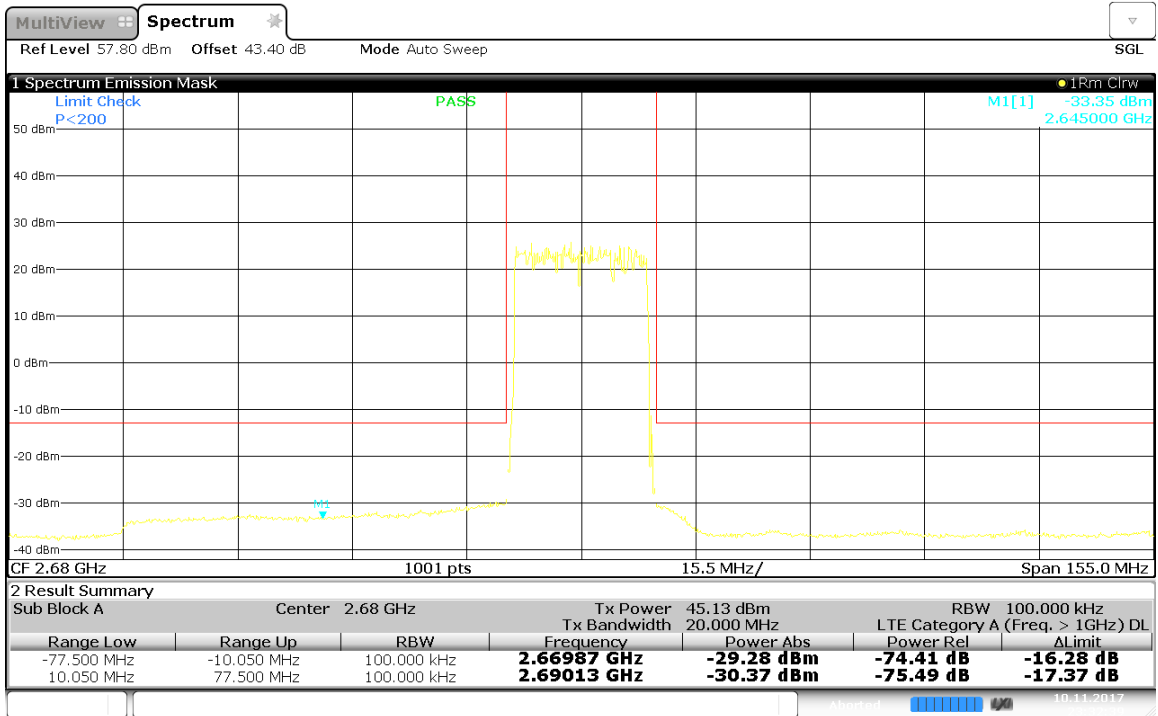


23:01:31 10.11.2017

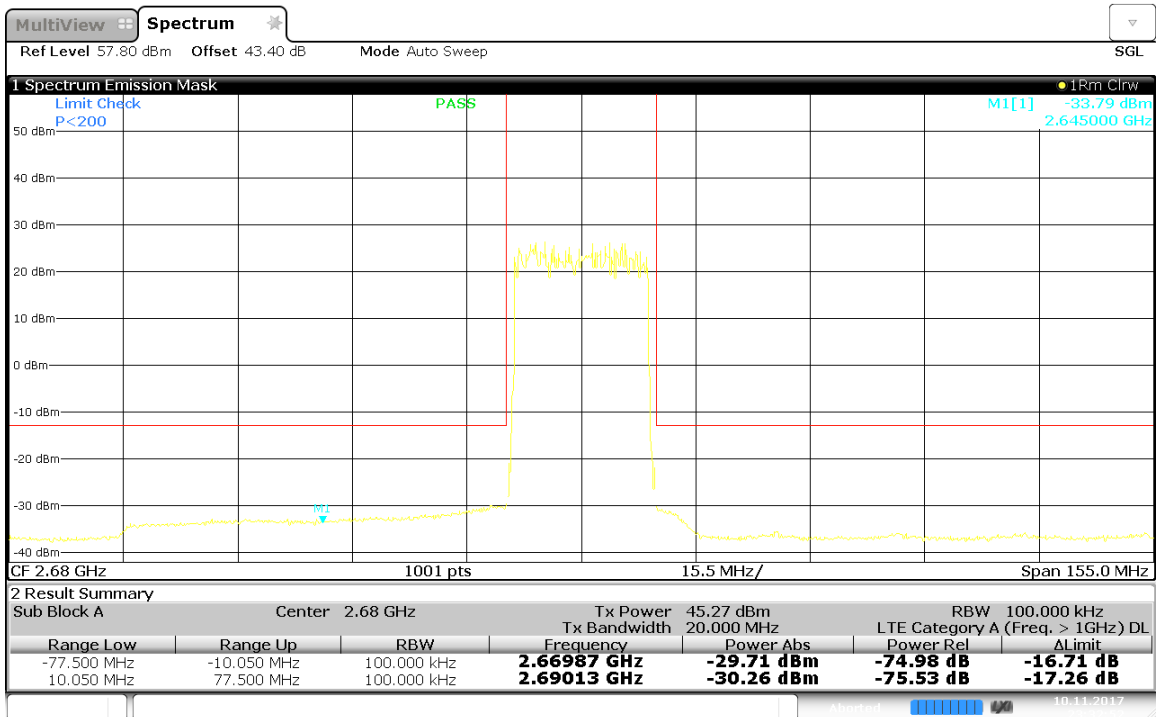


23:01:44 10.11.2017

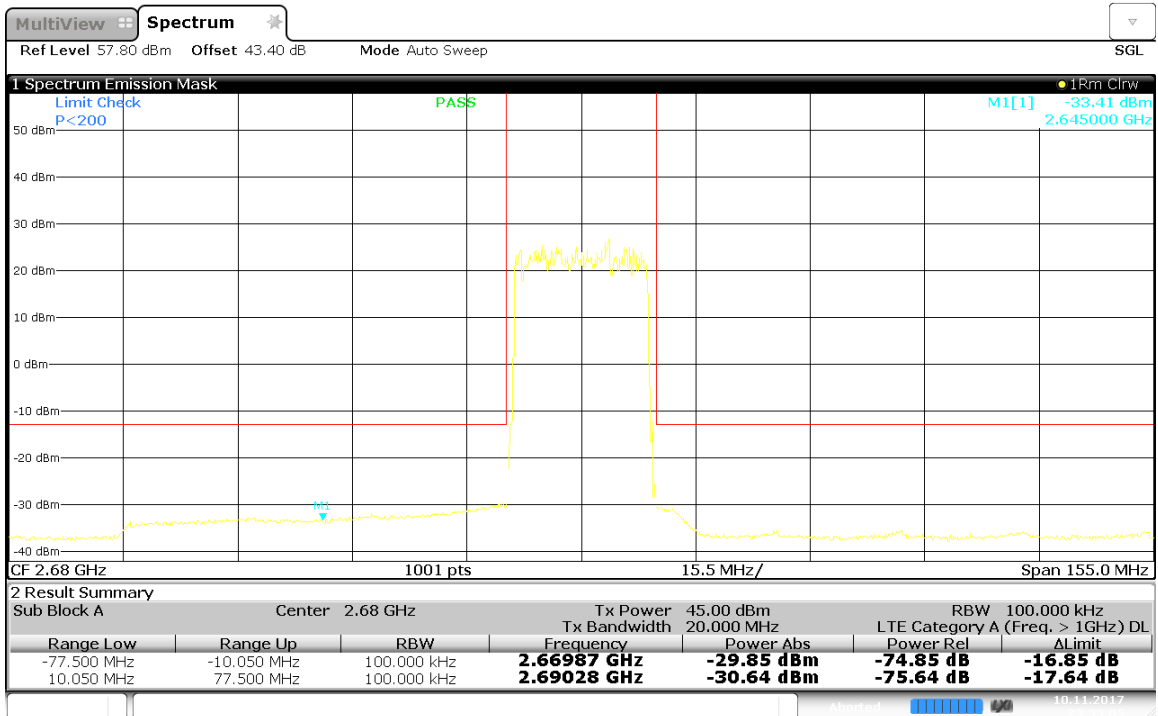
20M -2680MHz-Port 1~4:



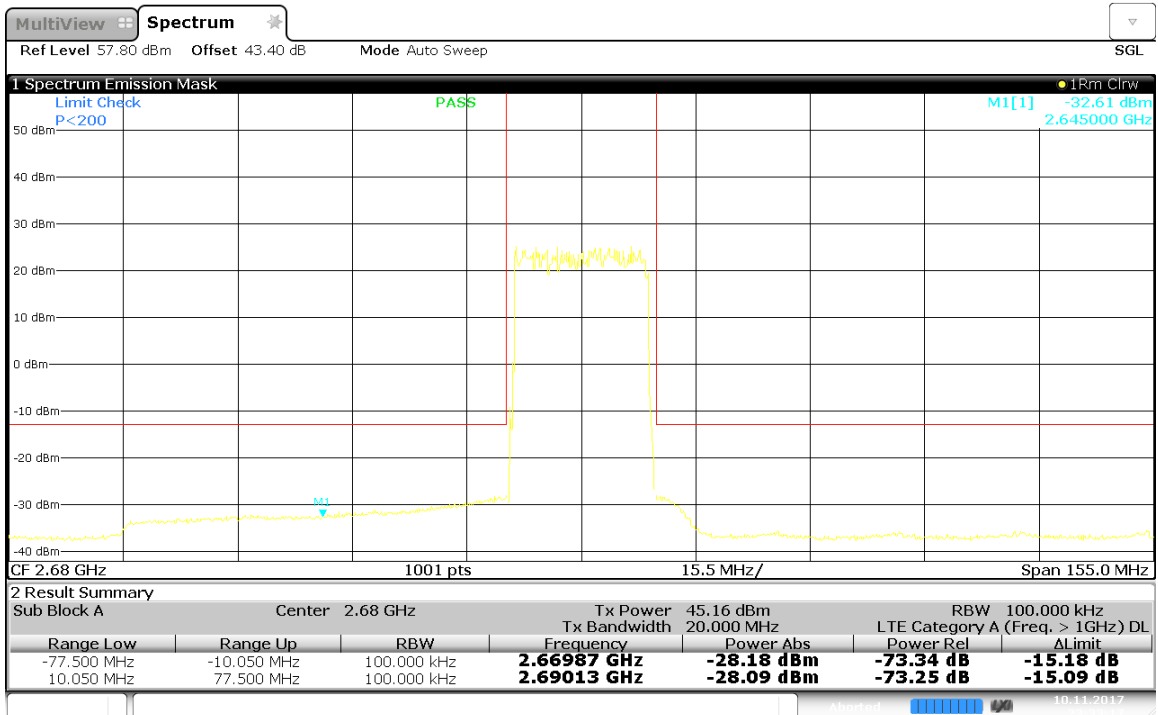
23:32:40 10.11.2017



23:32:52 10.11.2017



23:33:05 10.11.2017



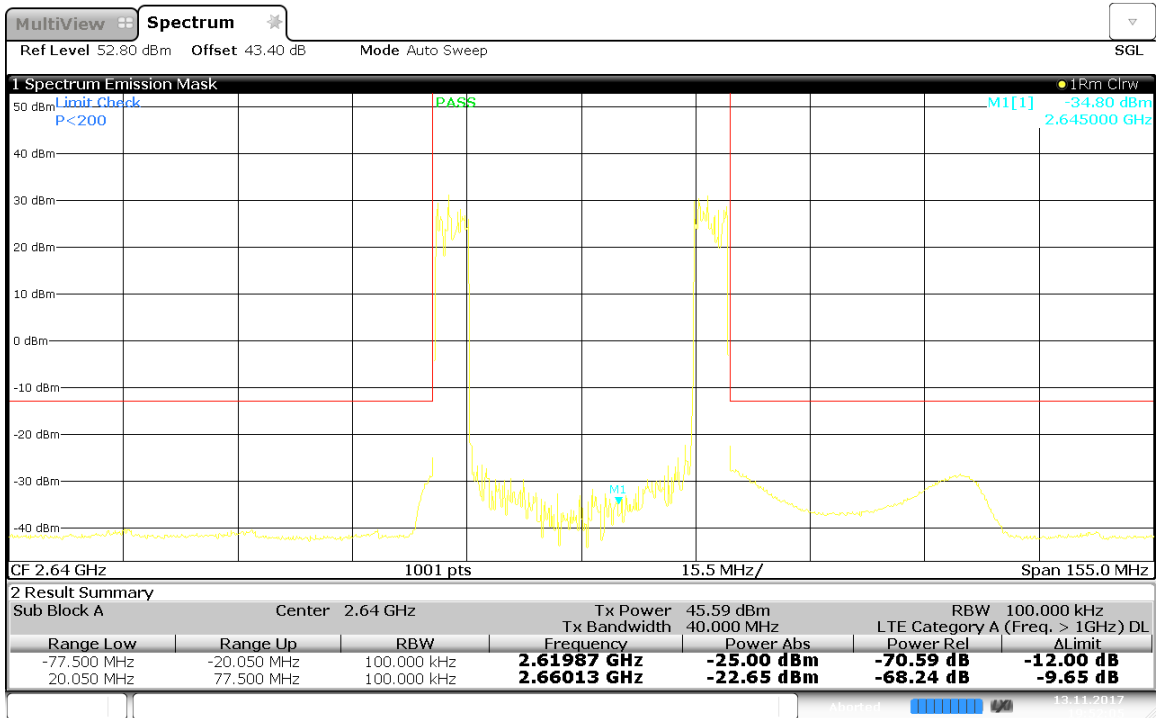
23:33:18 10.11.2017

Double Carrier:

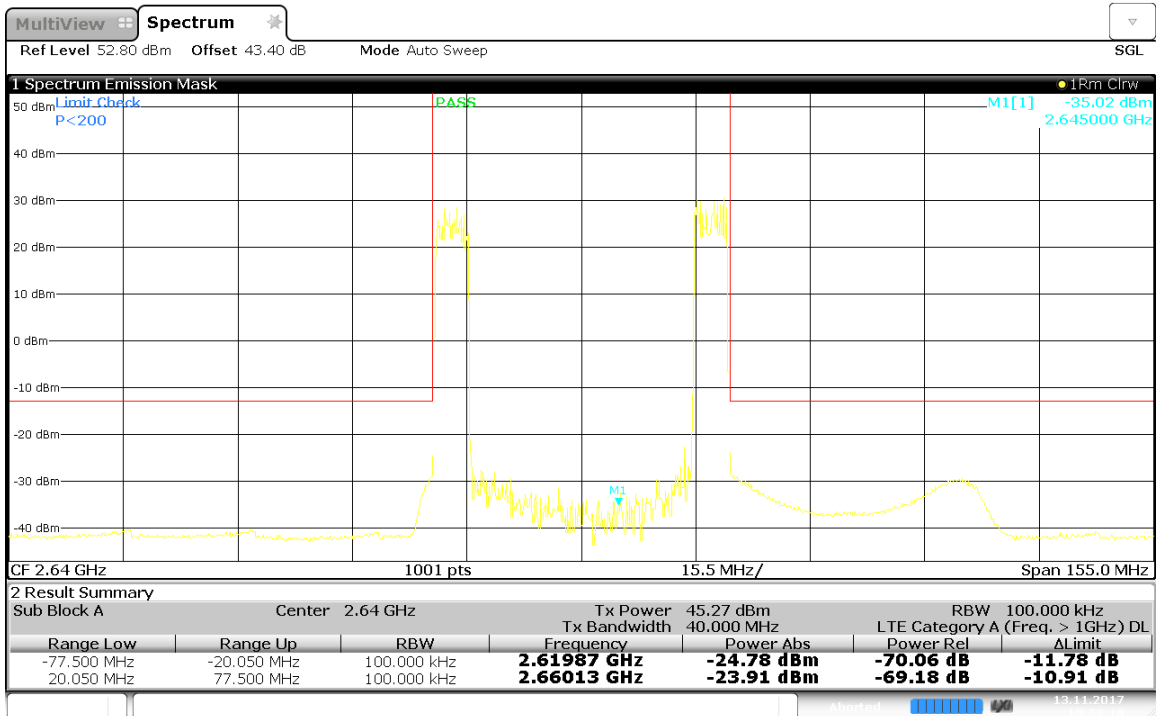
Channel Bandwidth :5M+5M

| Port | RF Carrier Center Frequency. (MHz) | Max bandedge Emission (dBm) | Limit (dBm) |
|------|------------------------------------|-----------------------------|-------------|
| 1 | 2640 | -22.56 | -13 |
| | 2655 | -24.70 | -13 |
| | 2670 | -22.5 | -13 |
| 2 | 2640 | -23.91 | -13 |
| | 2655 | -24.7 | -13 |
| | 2670 | -23.13 | -13 |
| 3 | 2640 | -24.96 | -13 |
| | 2655 | -24.86 | -13 |
| | 2670 | -23.51 | -13 |
| 4 | 2640 | -24.1 | -13 |
| | 2655 | -27.93 | -13 |
| | 2670 | -22.57 | -13 |

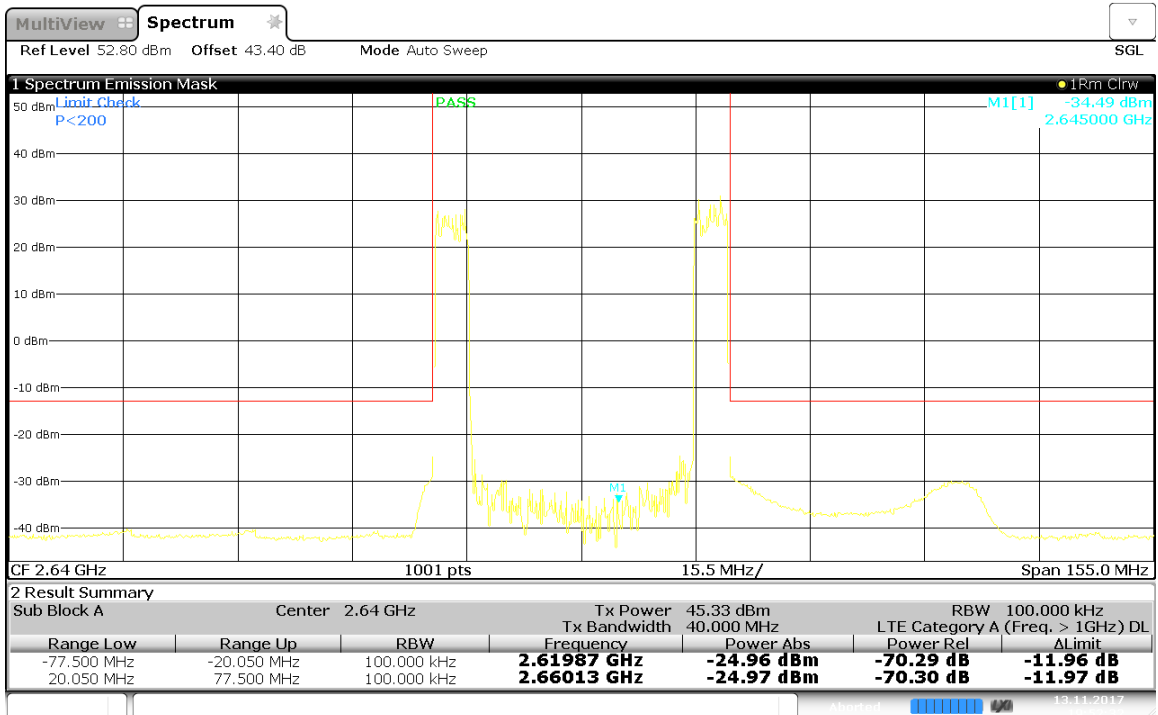
5M+5M -2640MHz-Port 1~4:



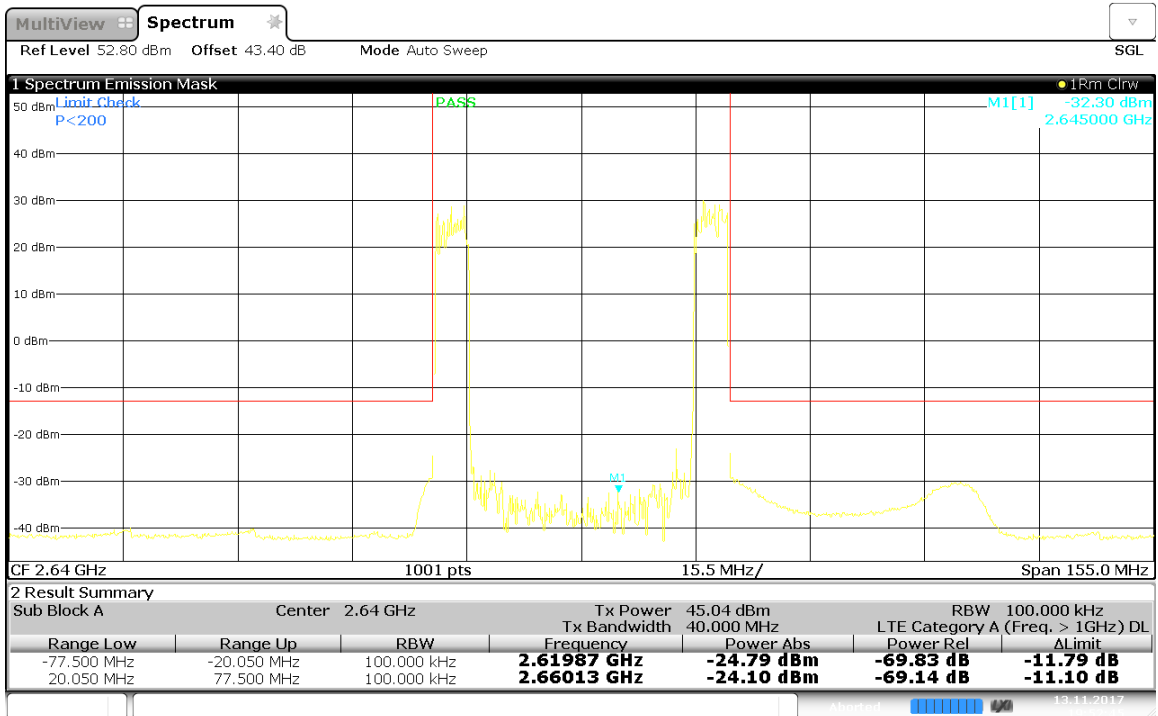
19:52:06 13.11.2017



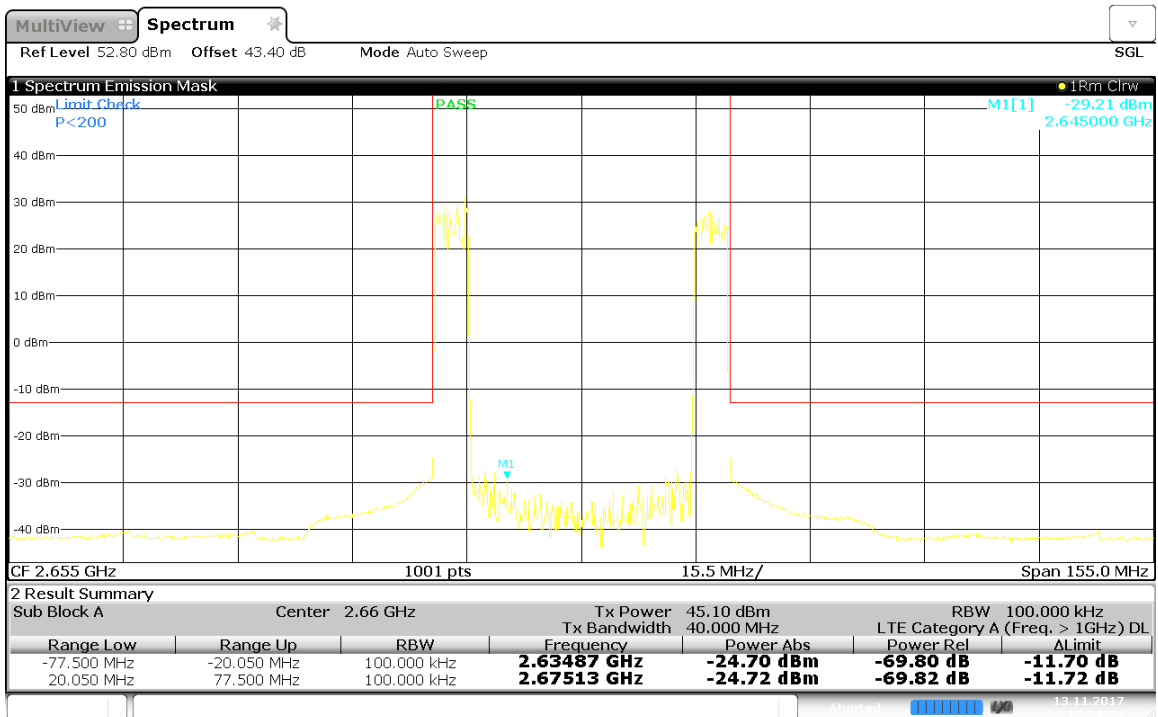
19:52:19 13.11.2017

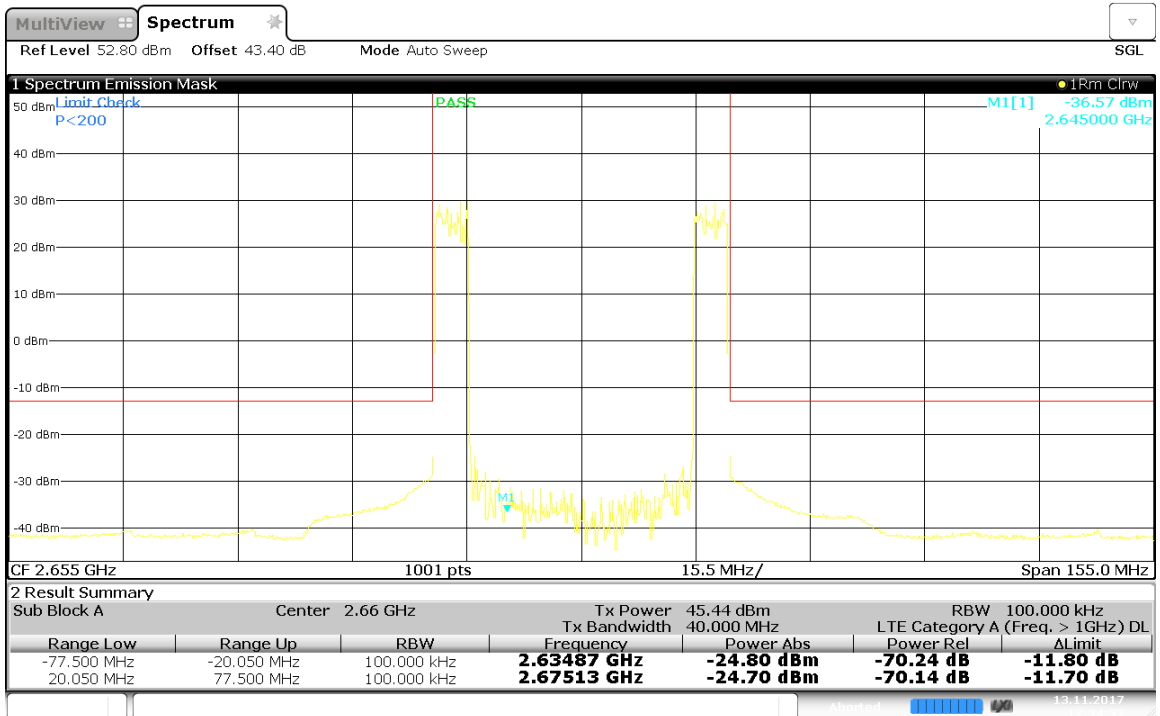


19:52:32 13.11.2017

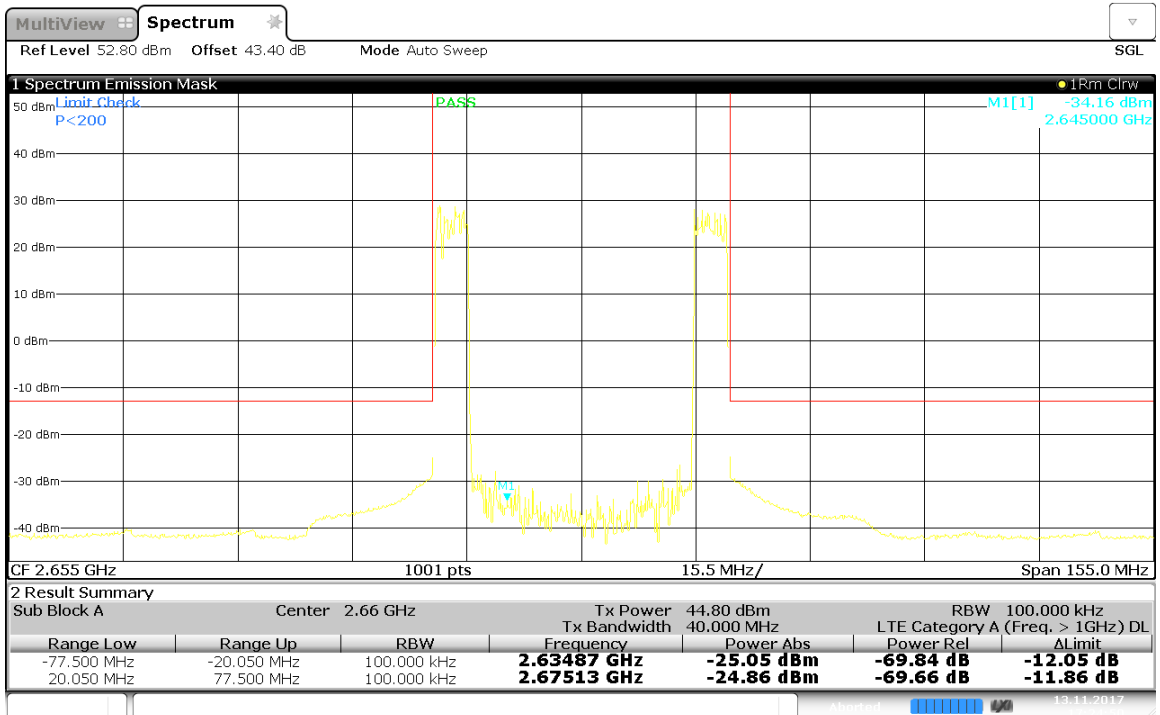


5M+5M -2655MHz-Port 1~4:

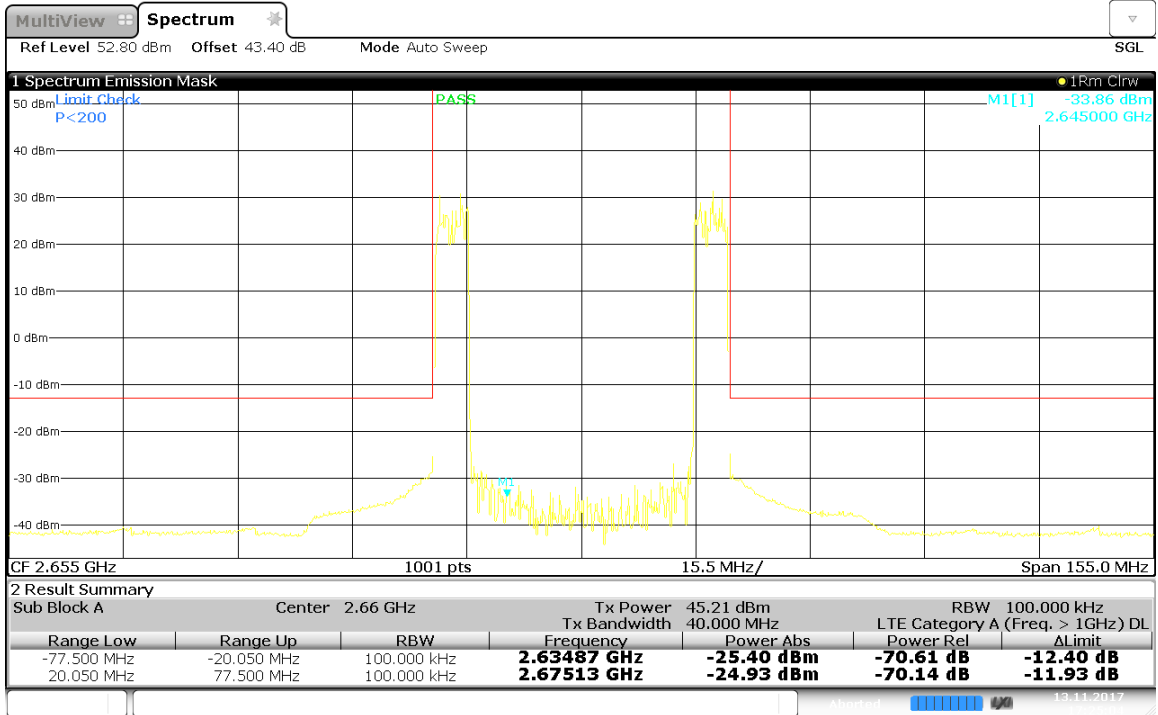




17:24:38 13.11.2017

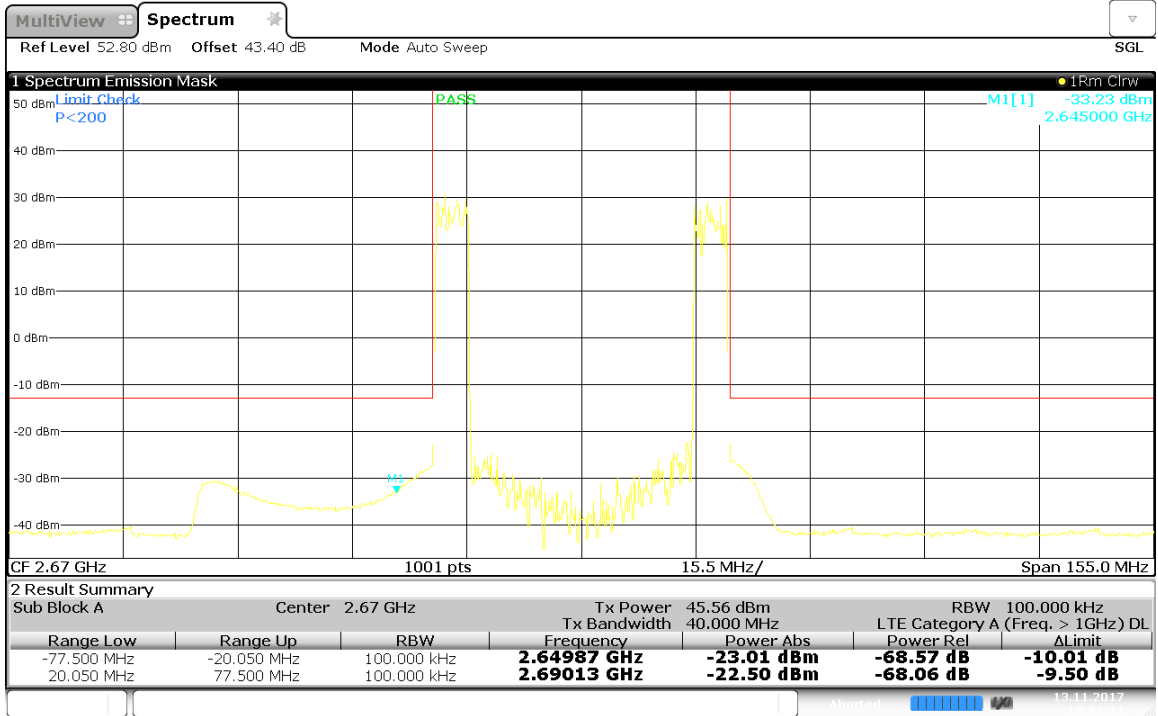


17:24:51 13.11.2017

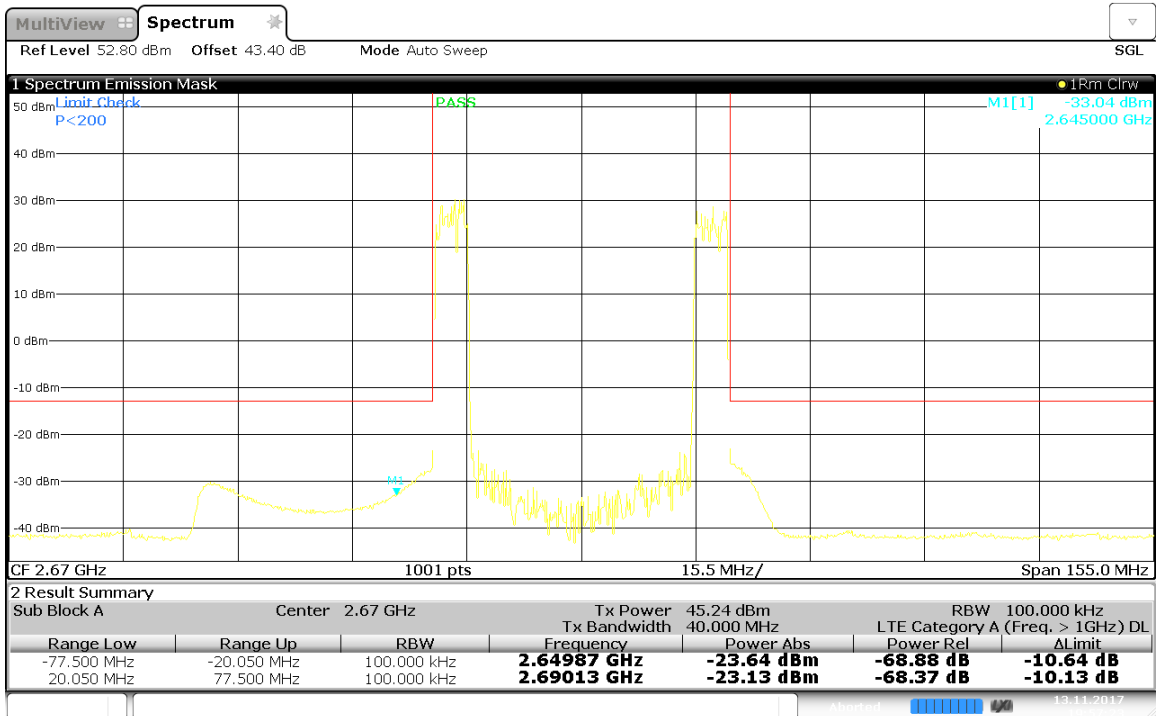


17:25:04 13.11.2017

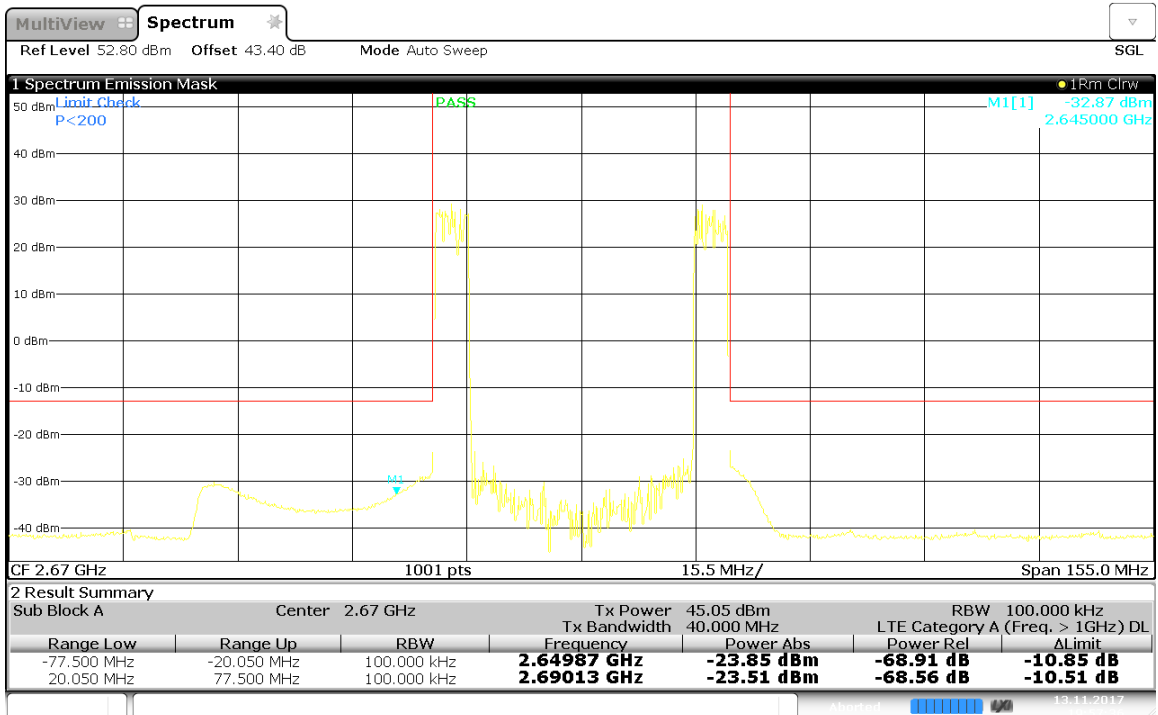
5M+5M -2670MHz-Port 1~4:



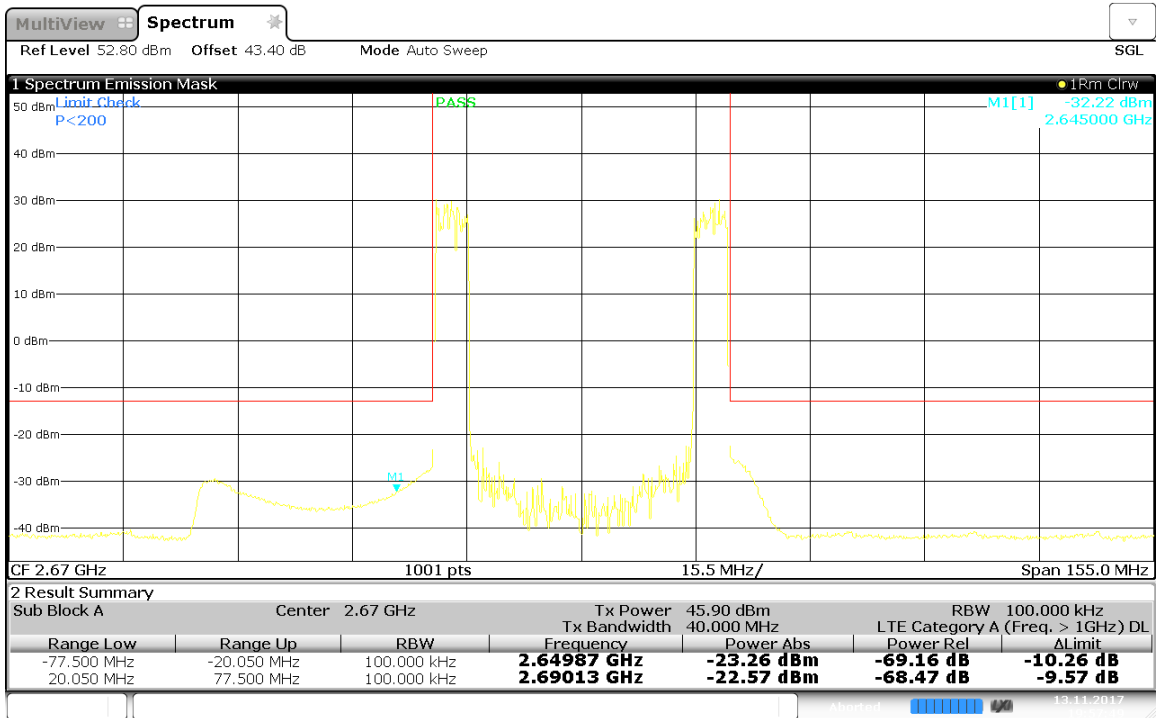
19:57:11 13.11.2017



19:57:24 13.11.2017



19:57:37 13.11.2017

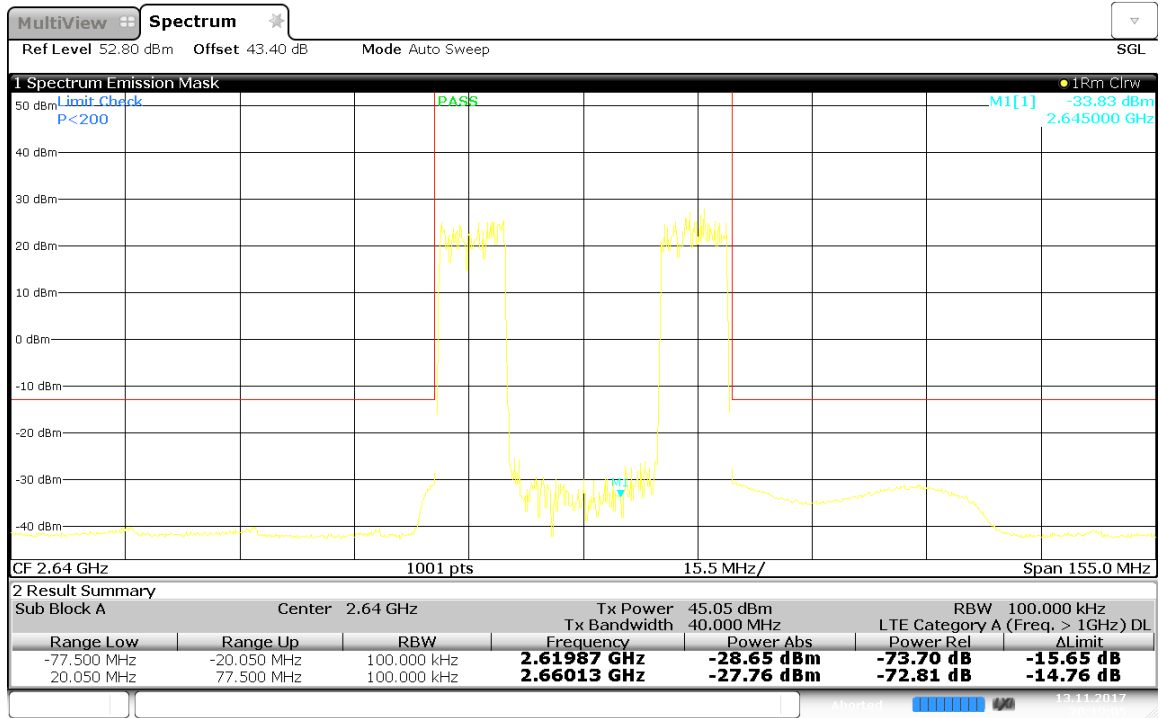


19:57:50 13.11.2017

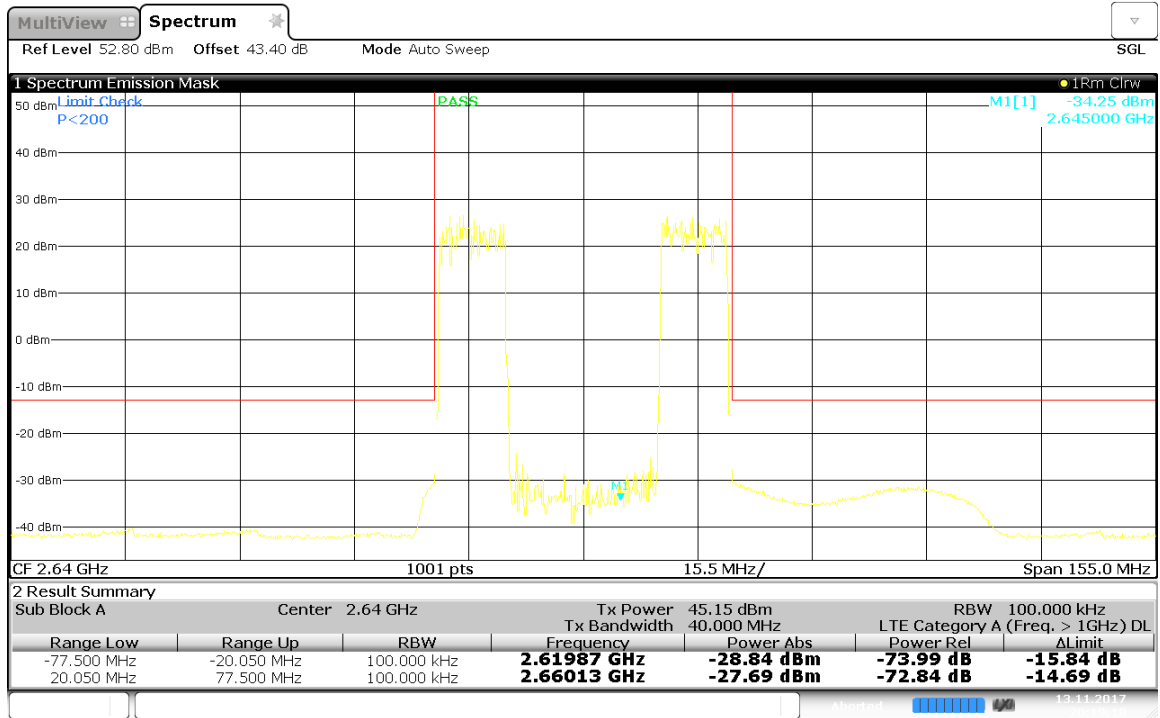
Channel Bandwidth :10M+10M

| Port | RF Carrier Center Frequency. (MHz) | Max bandedge Emission (dBm) | Limit (dBm) |
|------|------------------------------------|-----------------------------|-------------|
| 1 | 2640 | -27.76 | -13 |
| | 2655 | -28.01 | -13 |
| | 2670 | -27.57 | -13 |
| 2 | 2640 | -27.69 | -13 |
| | 2655 | -25.99 | -13 |
| | 2670 | -27.37 | -13 |
| 3 | 2640 | -28.4 | -13 |
| | 2655 | -26.88 | -13 |
| | 2670 | -27.41 | -13 |
| 4 | 2640 | -28.56 | -13 |
| | 2655 | -27.42 | -13 |
| | 2670 | -27.83 | -13 |

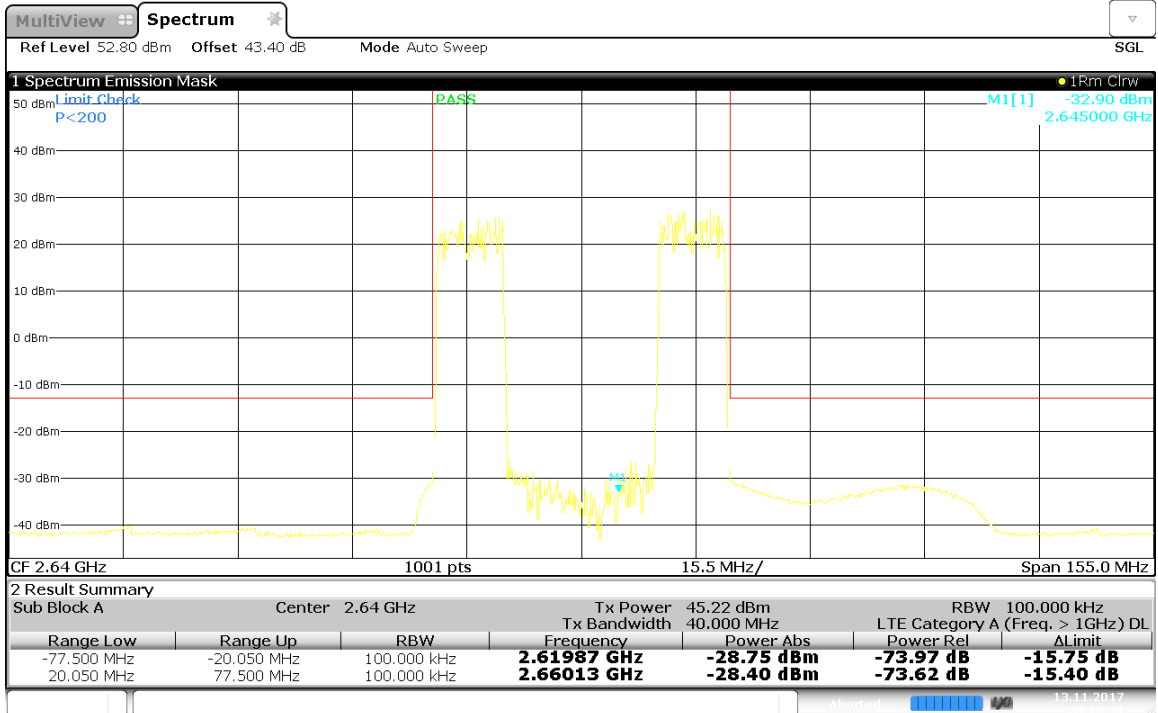
10M+10M -2640MHz-Port 1~4:



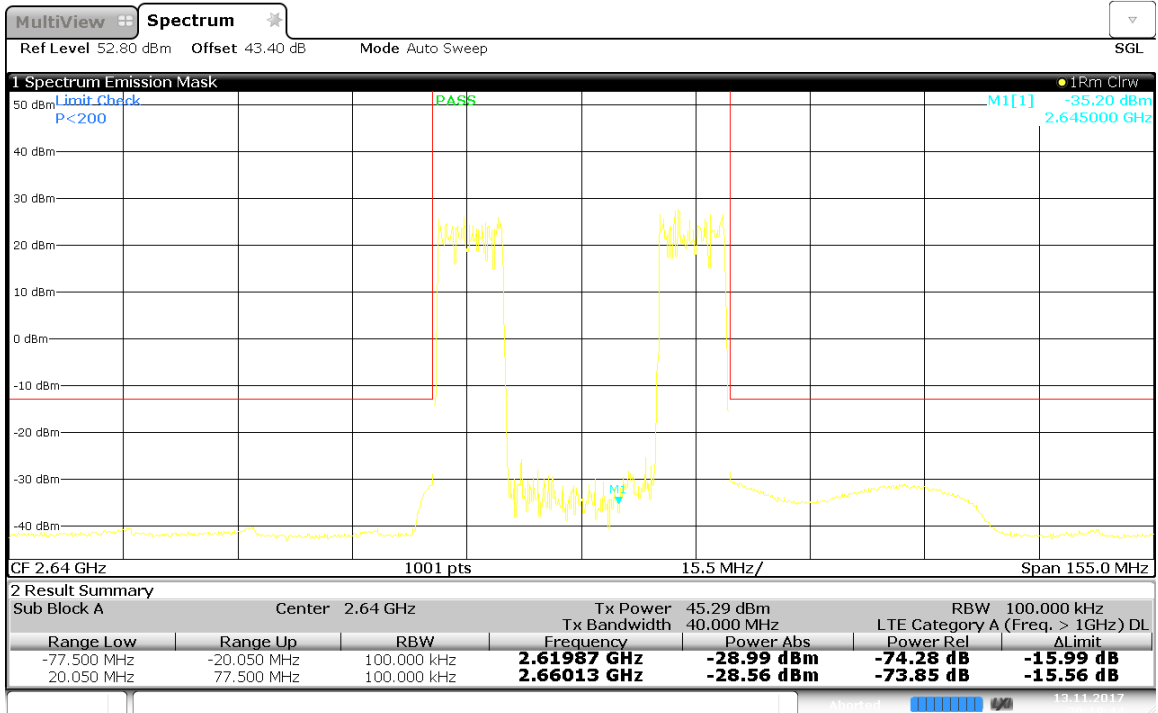
20:19:06 13.11.2017



20:19:19 13.11.2017

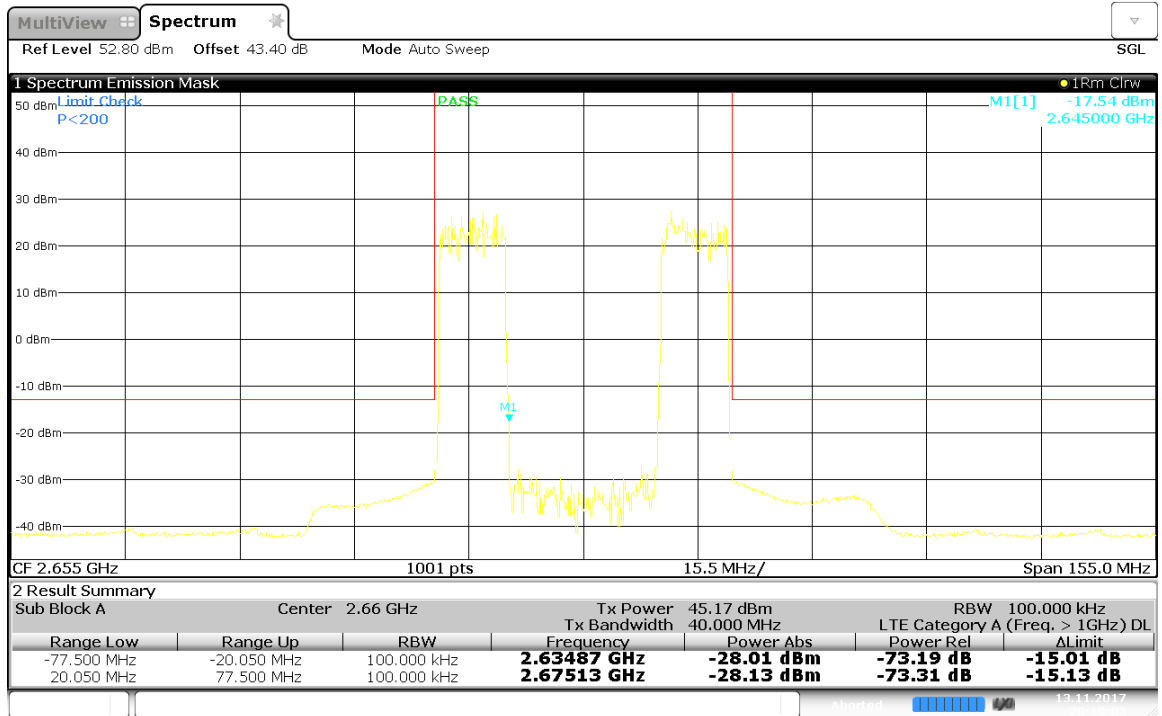


20:19:32 13.11.2017

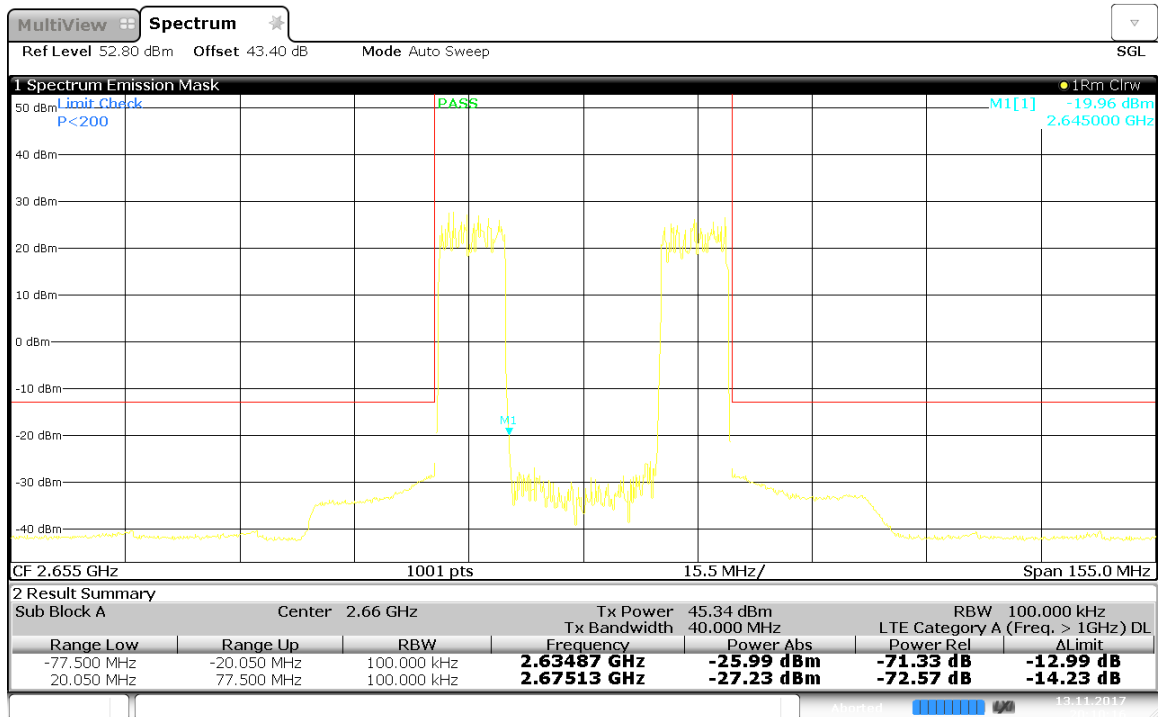


20:19:45 13.11.2017

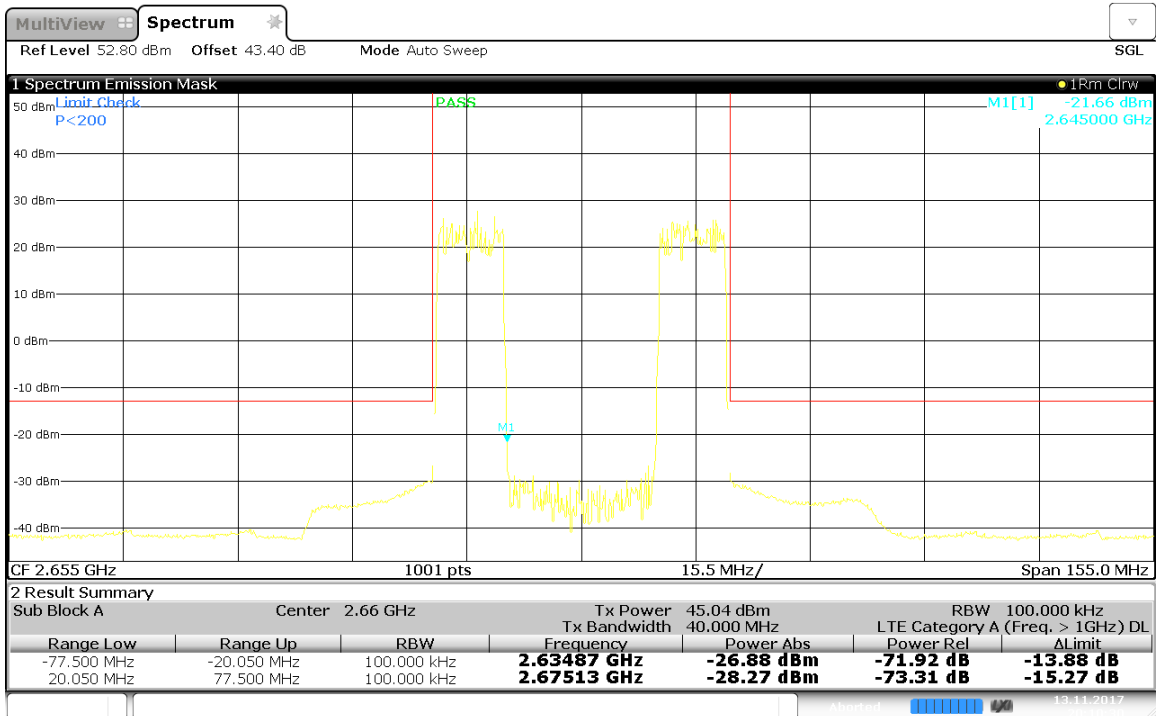
10M+10M -2655MHz-Port 1~4:



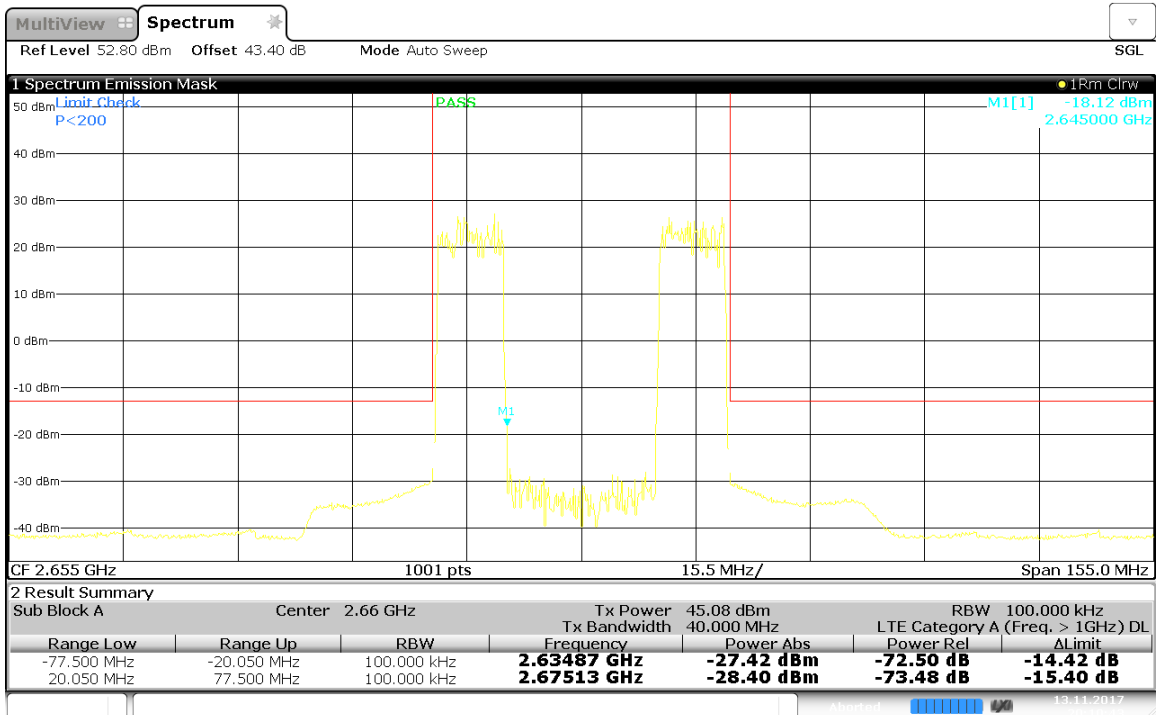
20:10:04 13.11.2017



20:10:17 13.11.2017

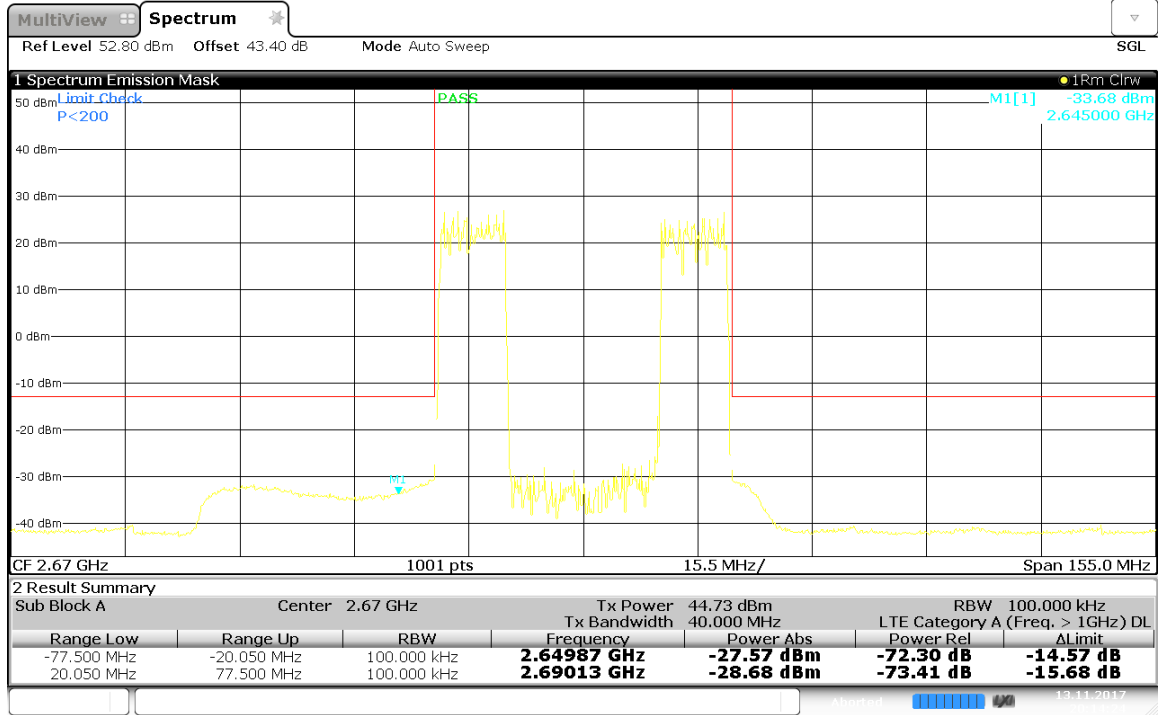


20:10:30 13.11.2017

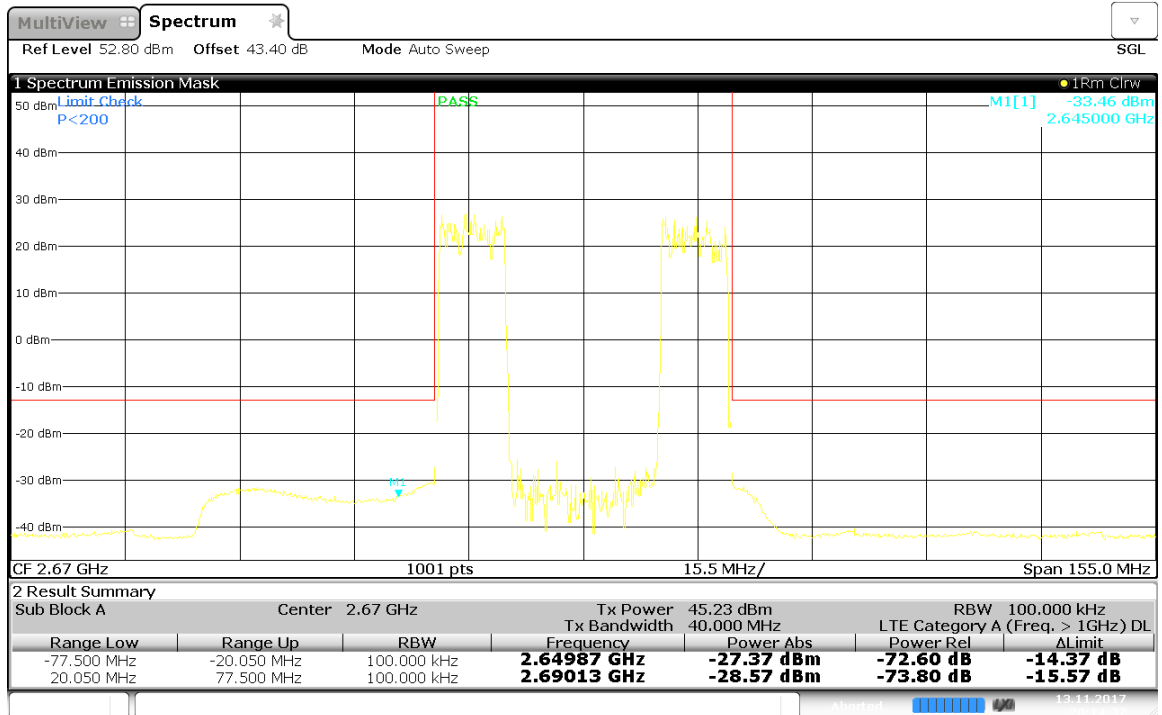


20:10:43 13.11.2017

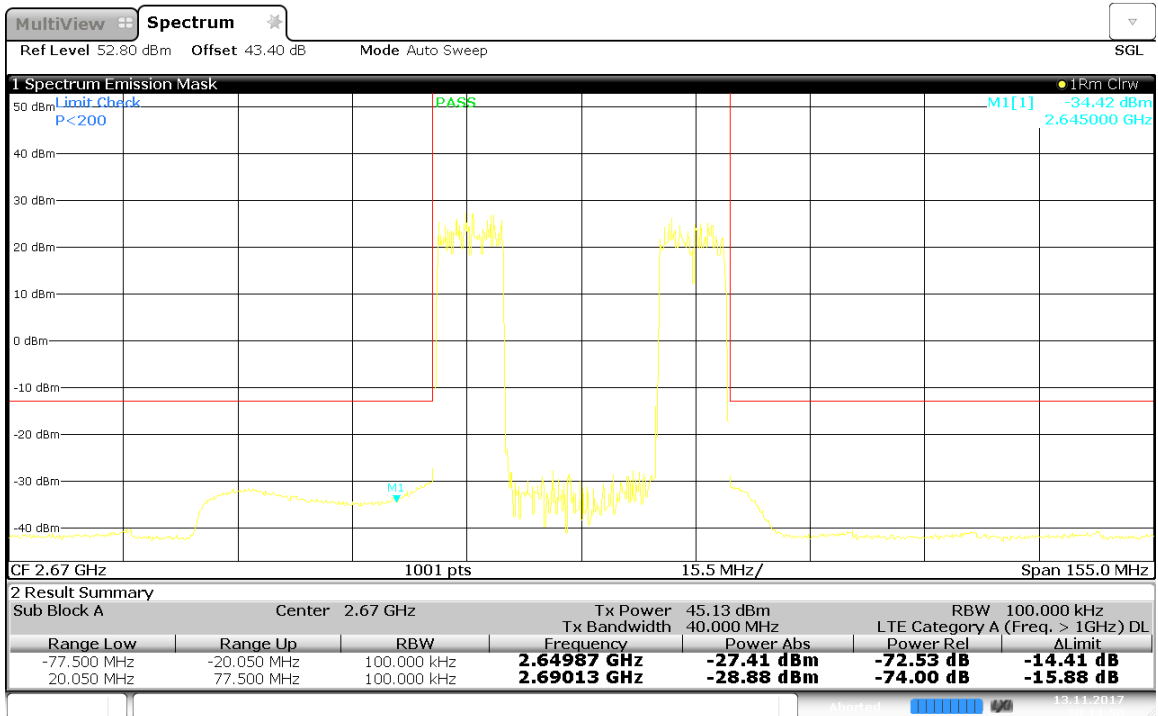
10M+10M -2670MHz-Port 1~4:



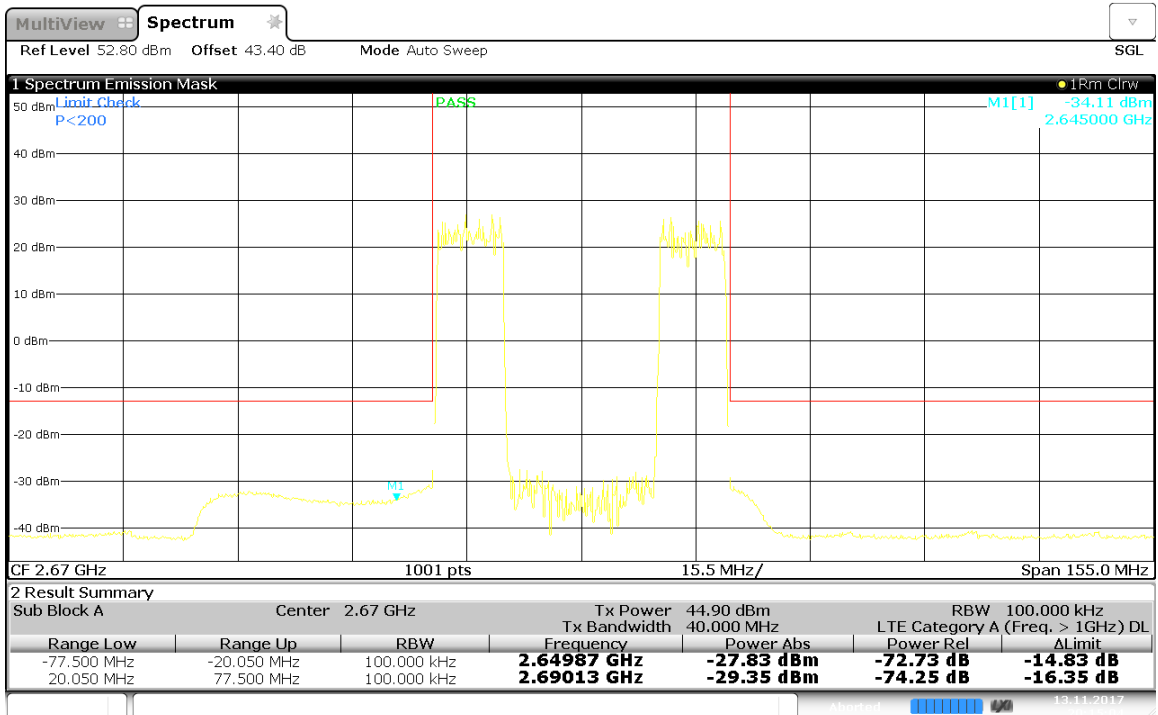
20:14:25 13.11.2017



20:14:38 13.11.2017



20:14:51 13.11.2017

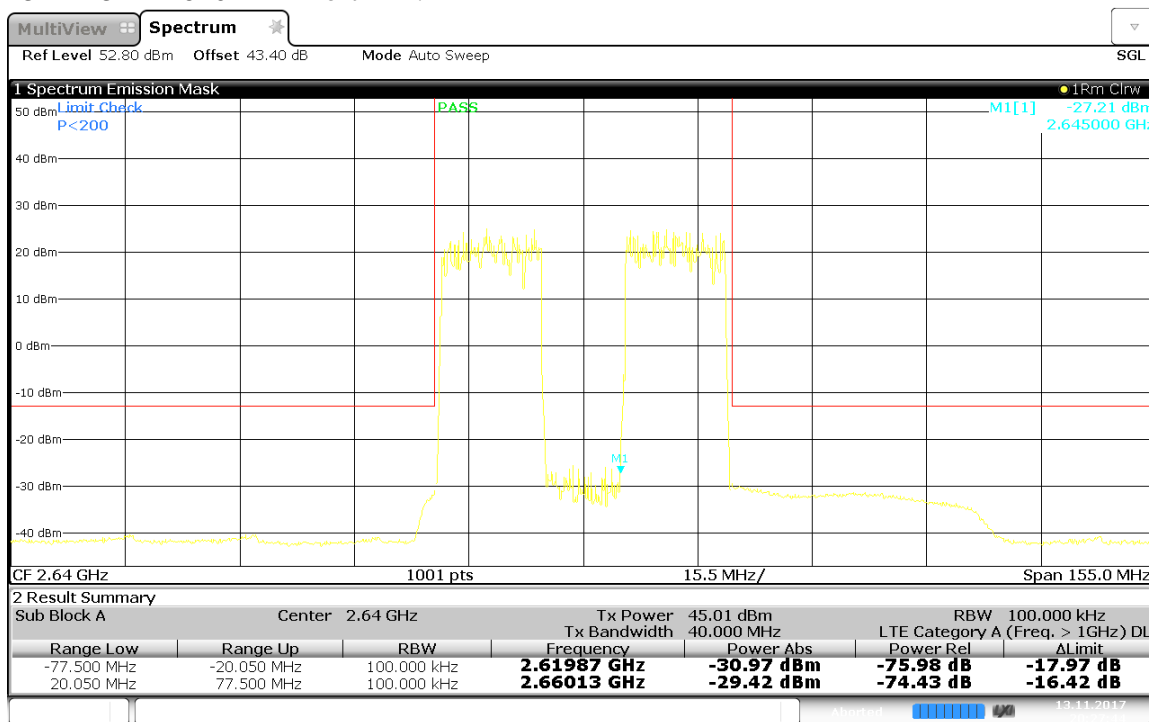


20:15:04 13.11.2017

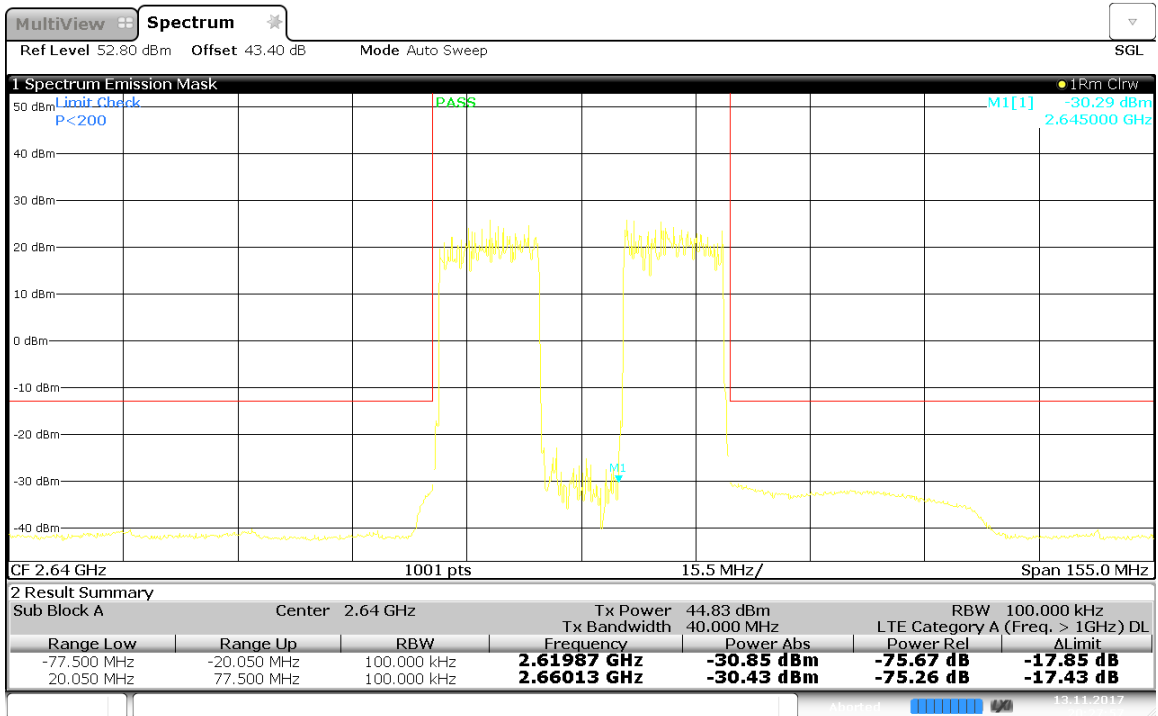
Channel Bandwidth :15M+15M

| Port | RF Carrier Center Frequency. (MHz) | Max bandedge Emission (dBm) | Limit (dBm) |
|------|------------------------------------|-----------------------------|-------------|
| 1 | 2640 | -29.42 | -13 |
| | 2655 | -29.45 | -13 |
| | 2670 | | -13 |
| 2 | 2640 | -30.43 | -13 |
| | 2655 | -29.55 | -13 |
| | 2670 | | -13 |
| 3 | 2640 | -30.25 | -13 |
| | 2655 | -29.56 | -13 |
| | 2670 | | -13 |
| 4 | 2640 | -30.02 | -13 |
| | 2655 | -29.7 | -13 |
| | 2670 | | -13 |

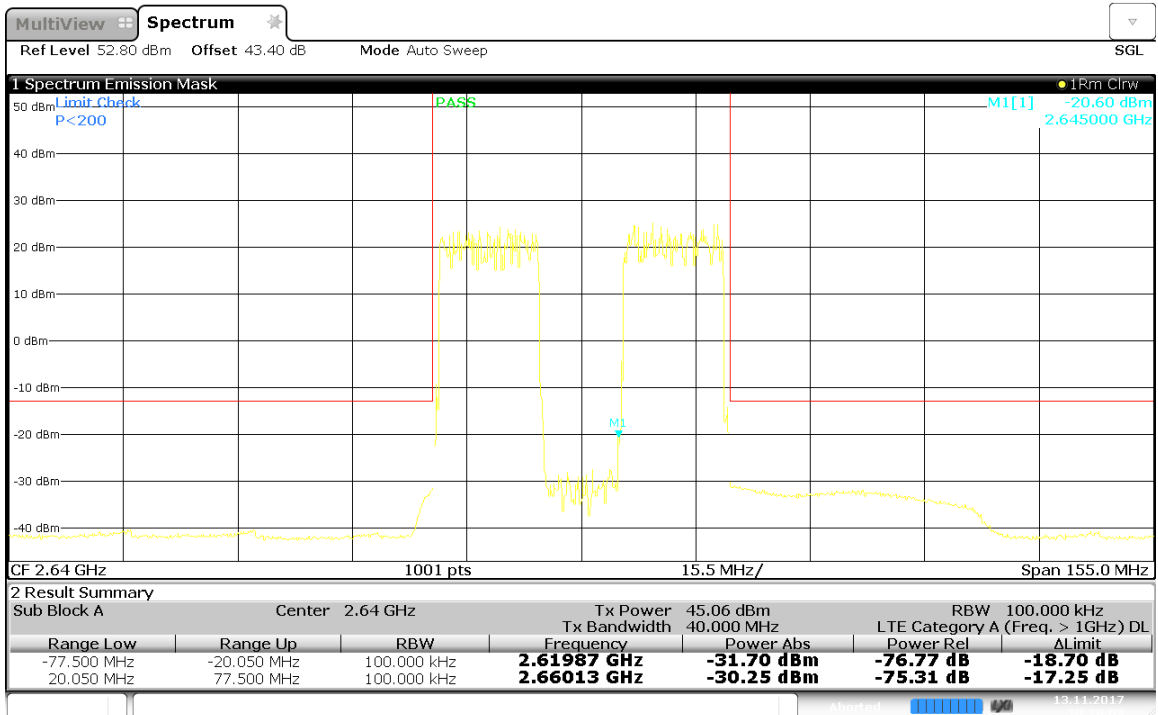
15M+15M -2640MHz-Port 1~4:



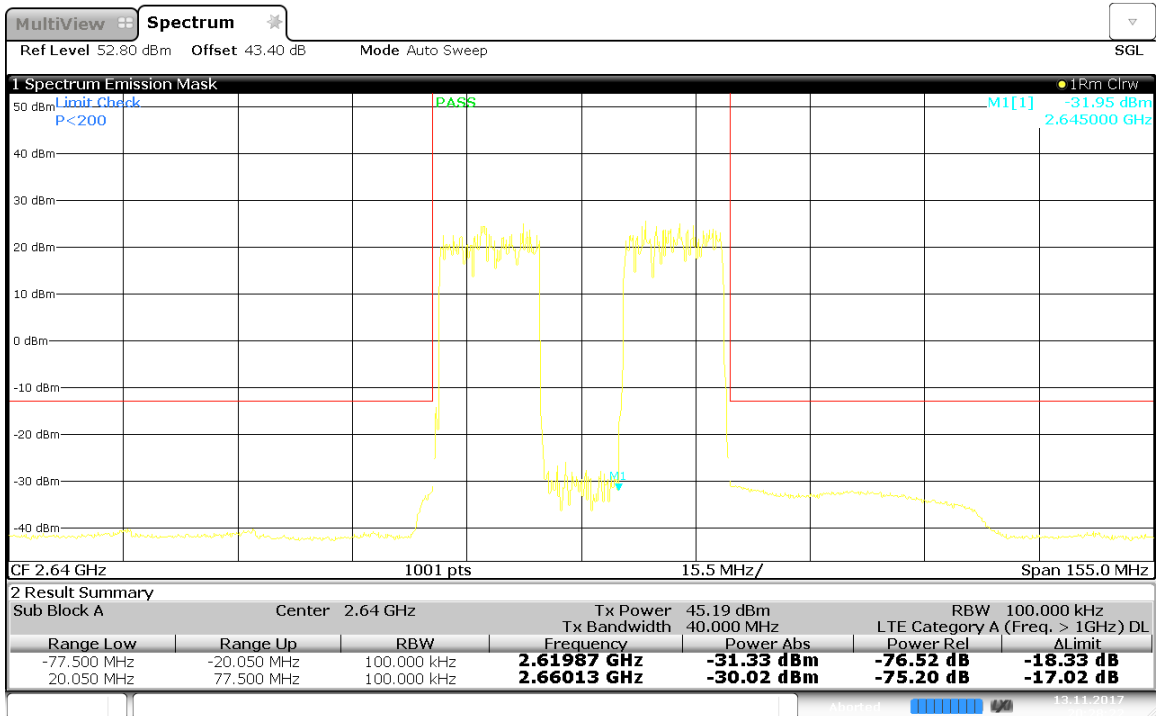
20:27:44 13.11.2017



20:27:57 13.11.2017

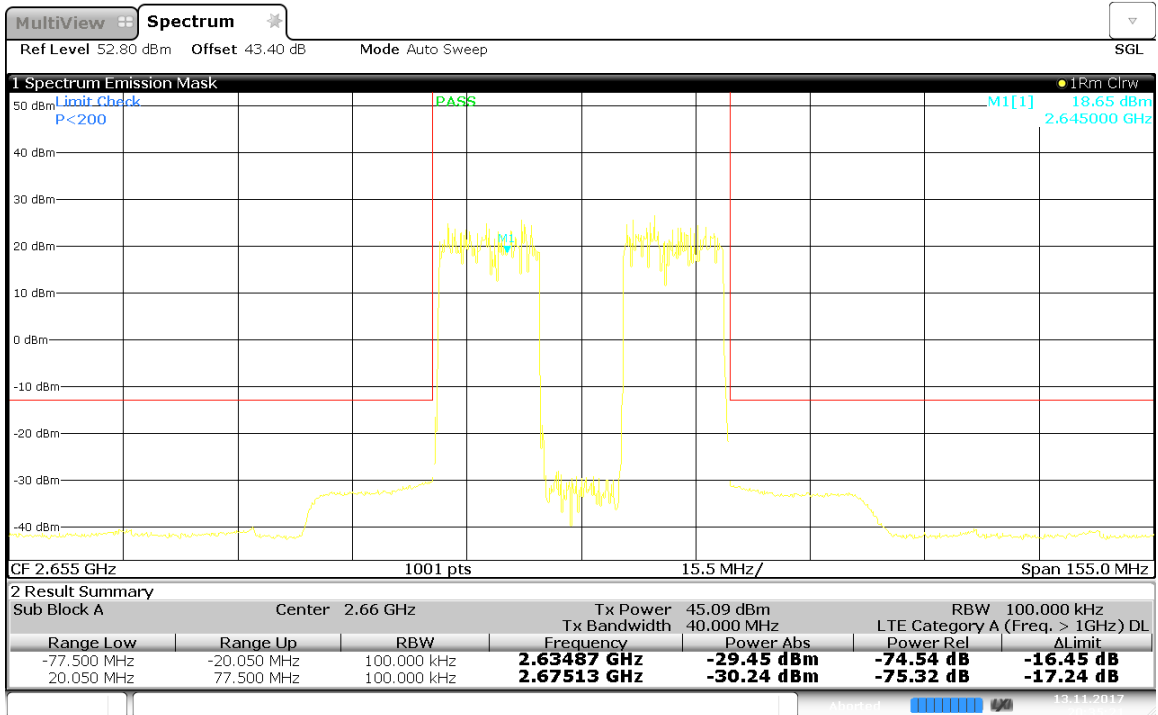


20:28:10 13.11.2017

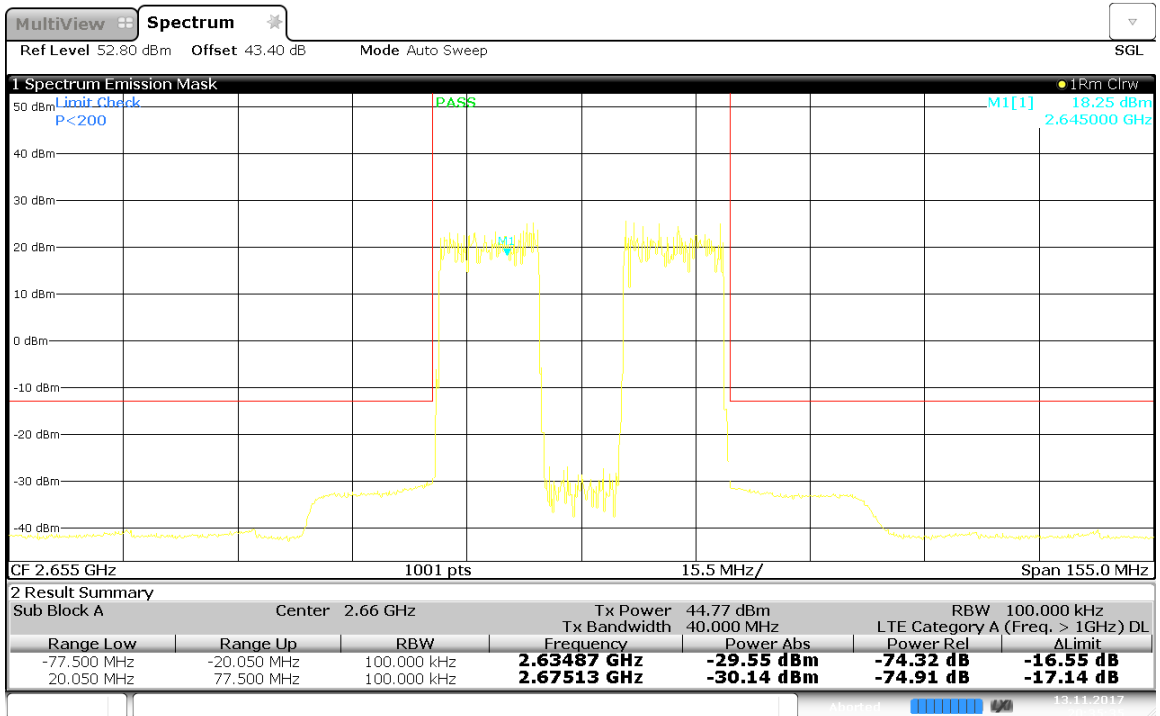


20:28:23 13.11.2017

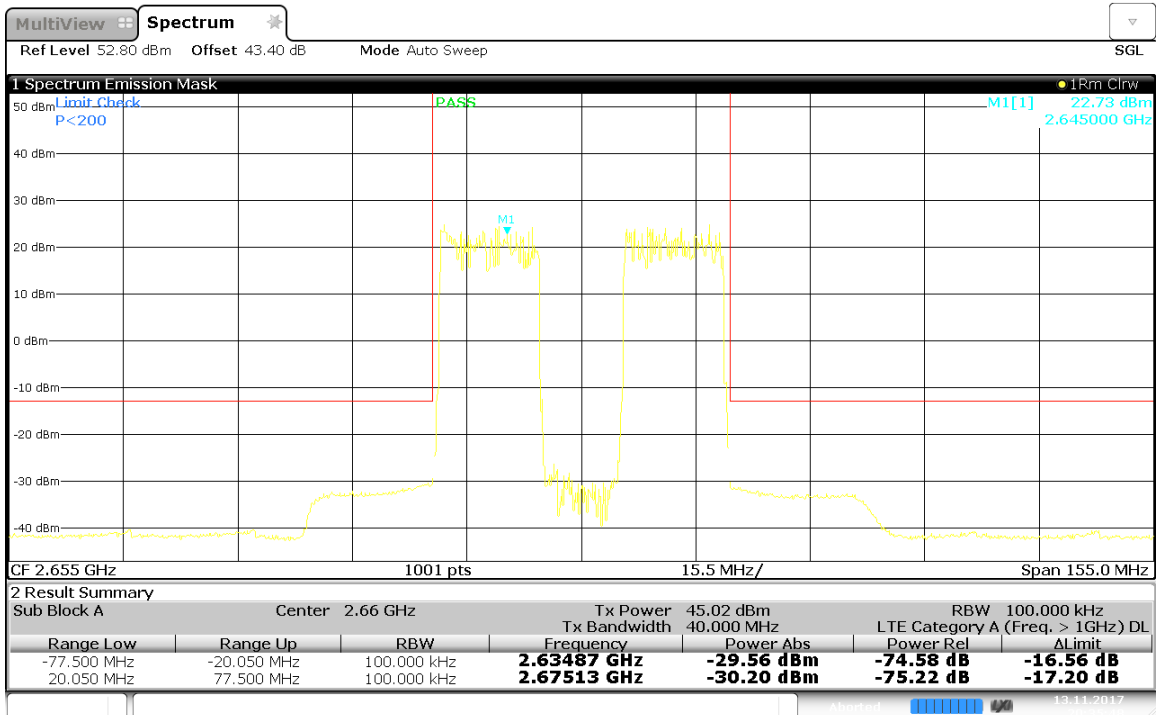
15M+15M -2655MHz-Port 1~4:



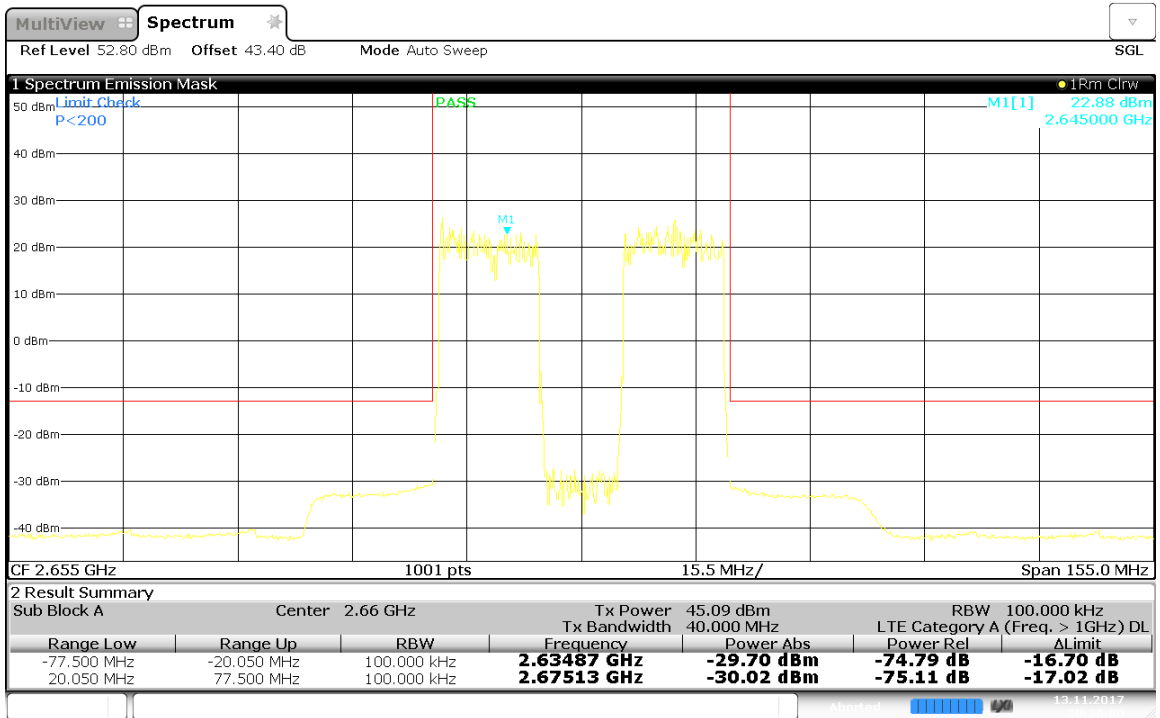
20:35:22 13.11.2017



20:35:35 13.11.2017



20:35:48 13.11.2017



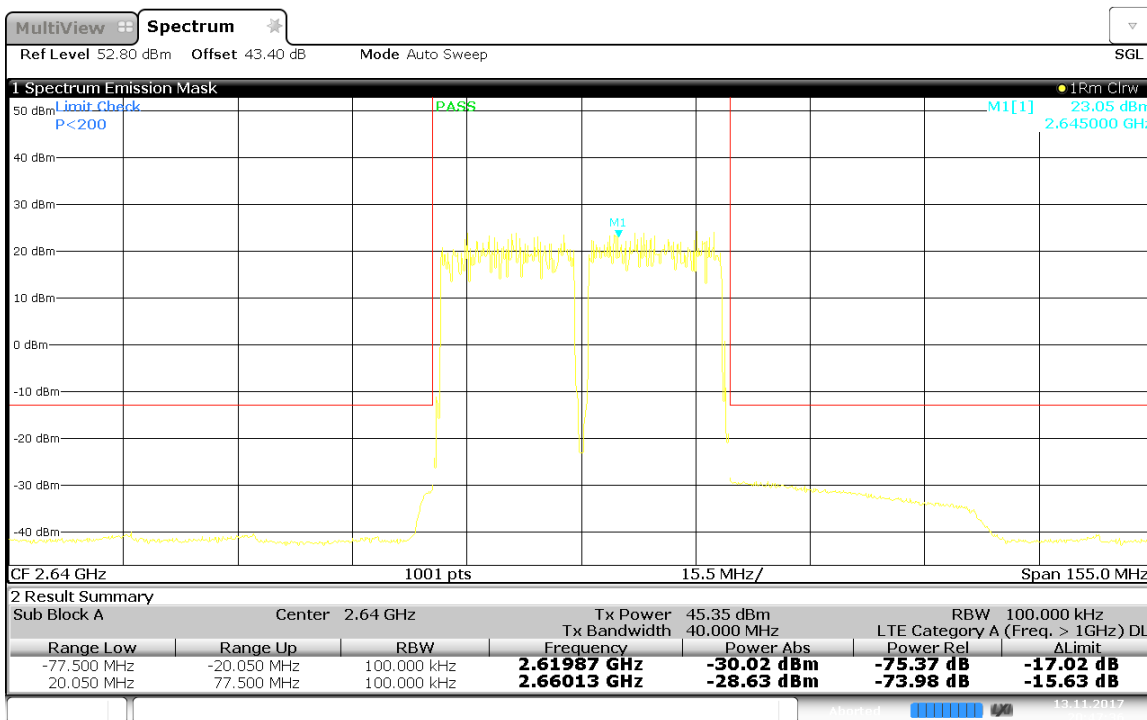
20:36:01 13.11.2017

15M+15M -2670MHz-Port 1~4:

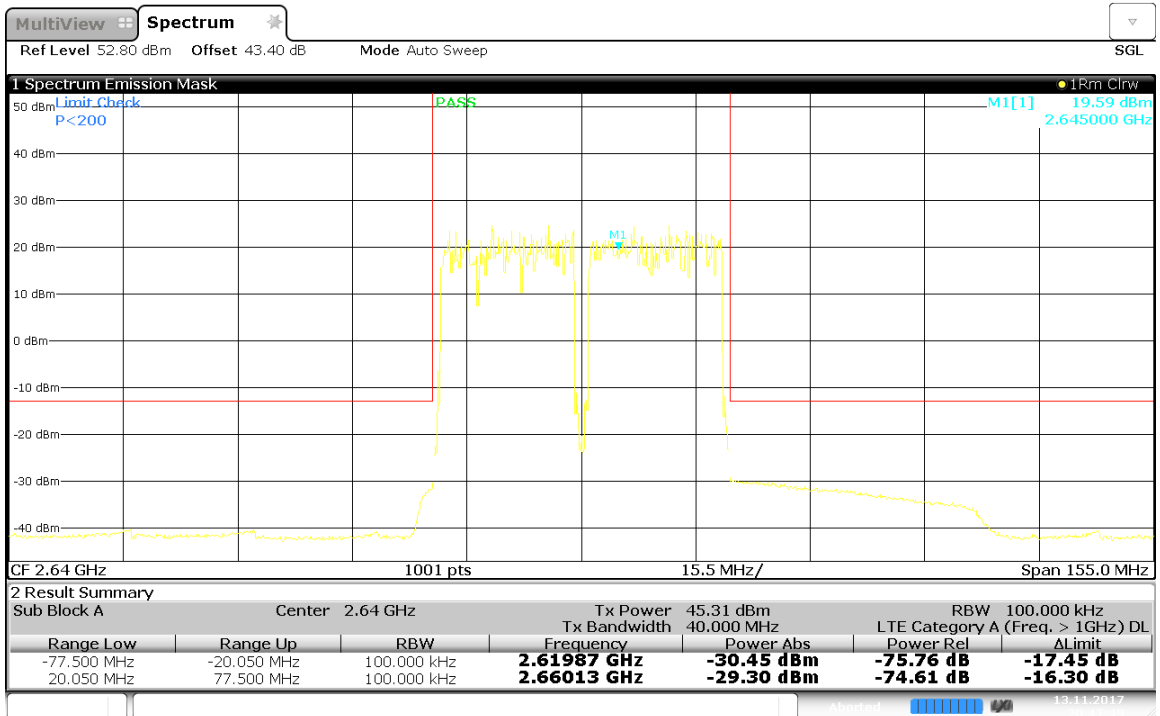
Channel Bandwidth :20M+20M

| Port | RF Carrier Center Frequency. (MHz) | Max bandedge Emission (dBm) | Limit (dBm) |
|------|------------------------------------|-----------------------------|-------------|
| 1 | 2640 | -28.63 | -13 |
| | 2655 | -29.04 | -13 |
| | 2670 | -29.36 | -13 |
| 2 | 2640 | -29.3 | -13 |
| | 2655 | -28.47 | -13 |
| | 2670 | -29.38 | -13 |
| 3 | 2640 | -29.21 | -13 |
| | 2655 | -28.64 | -13 |
| | 2670 | -29.51 | -13 |
| 4 | 2640 | -29.59 | -13 |
| | 2655 | -28.92 | -13 |
| | 2670 | -30.06 | -13 |

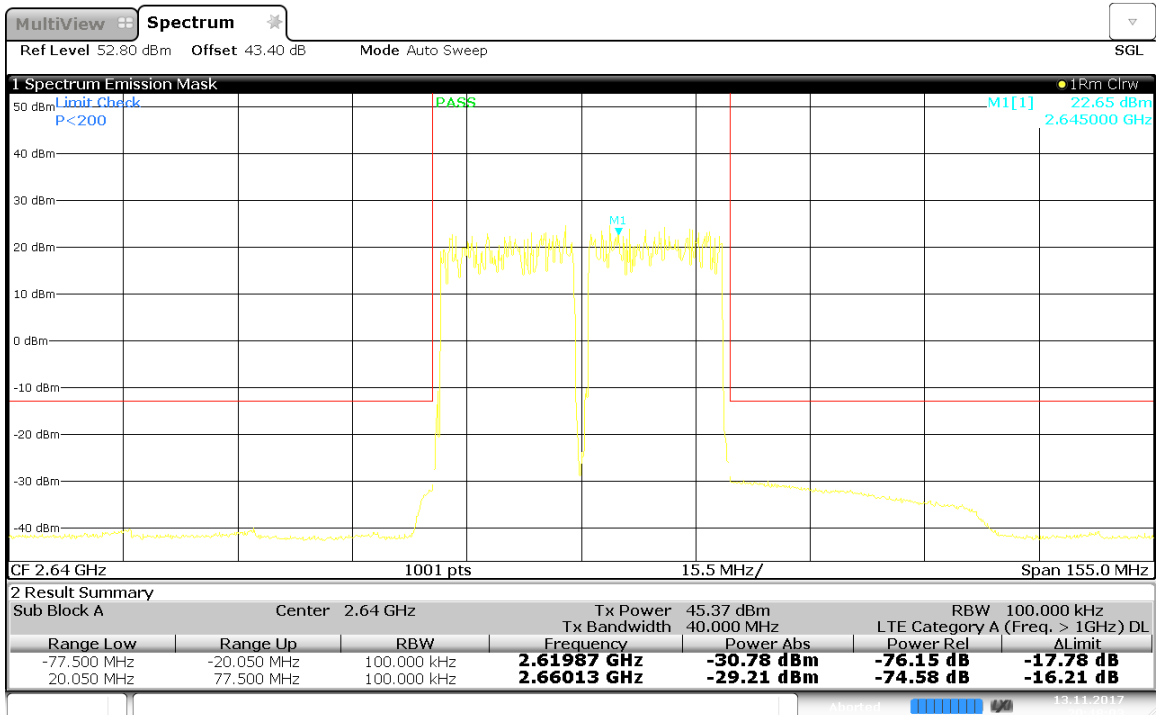
20M+20M -2640MHz-Port 1~4:



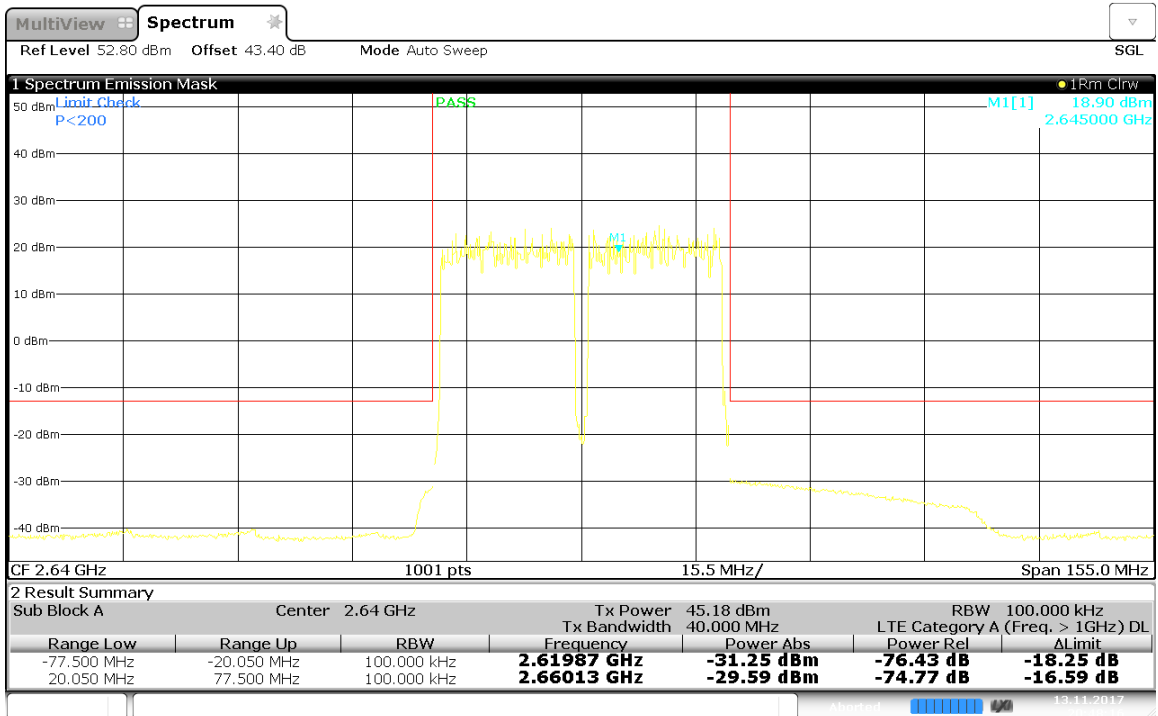
20:47:37 13.11.2017



20:47:50 13.11.2017

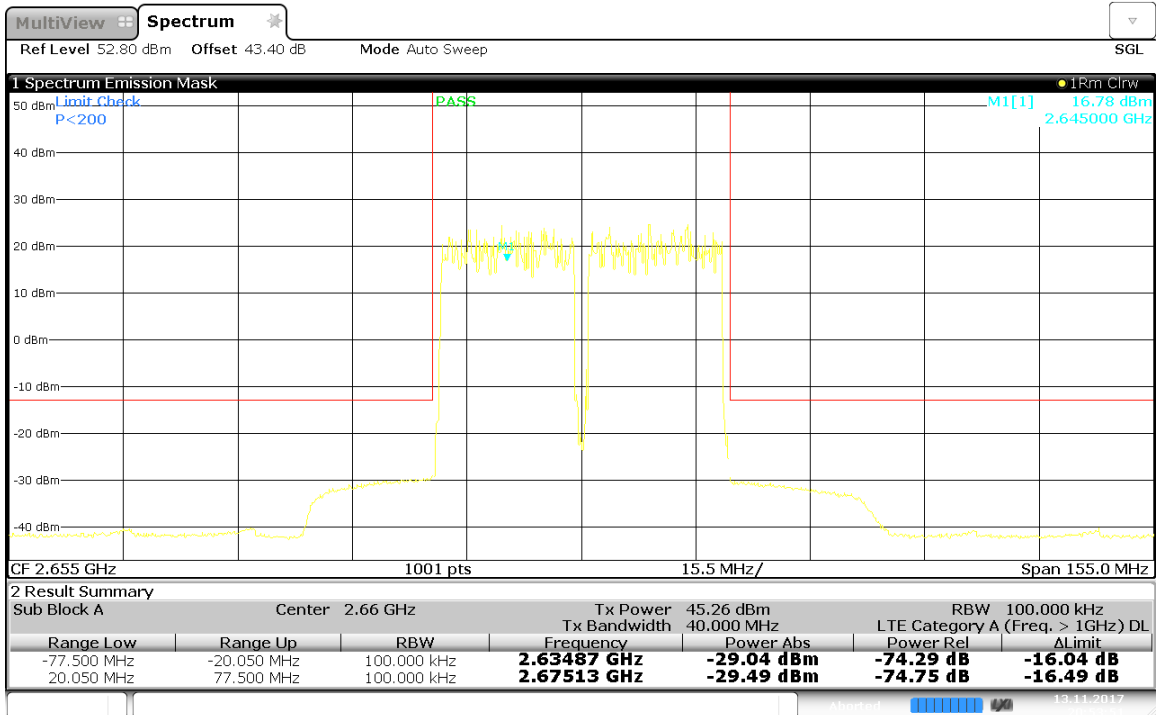


20:48:03 13.11.2017

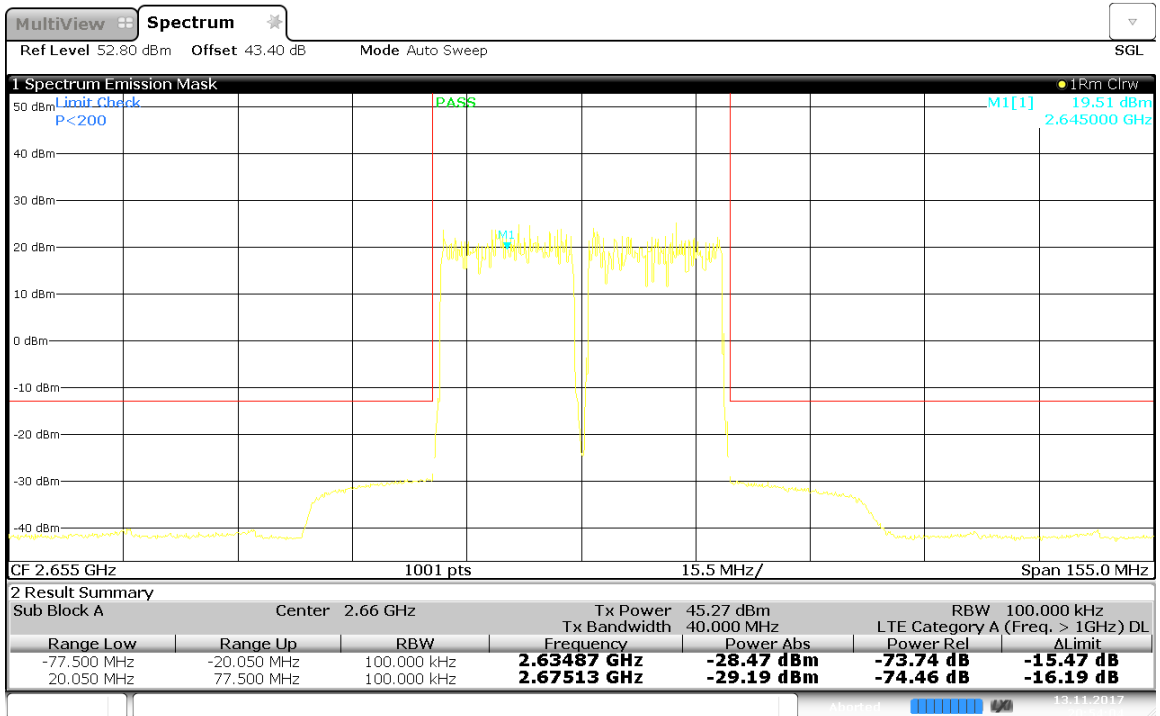


20:48:16 13.11.2017

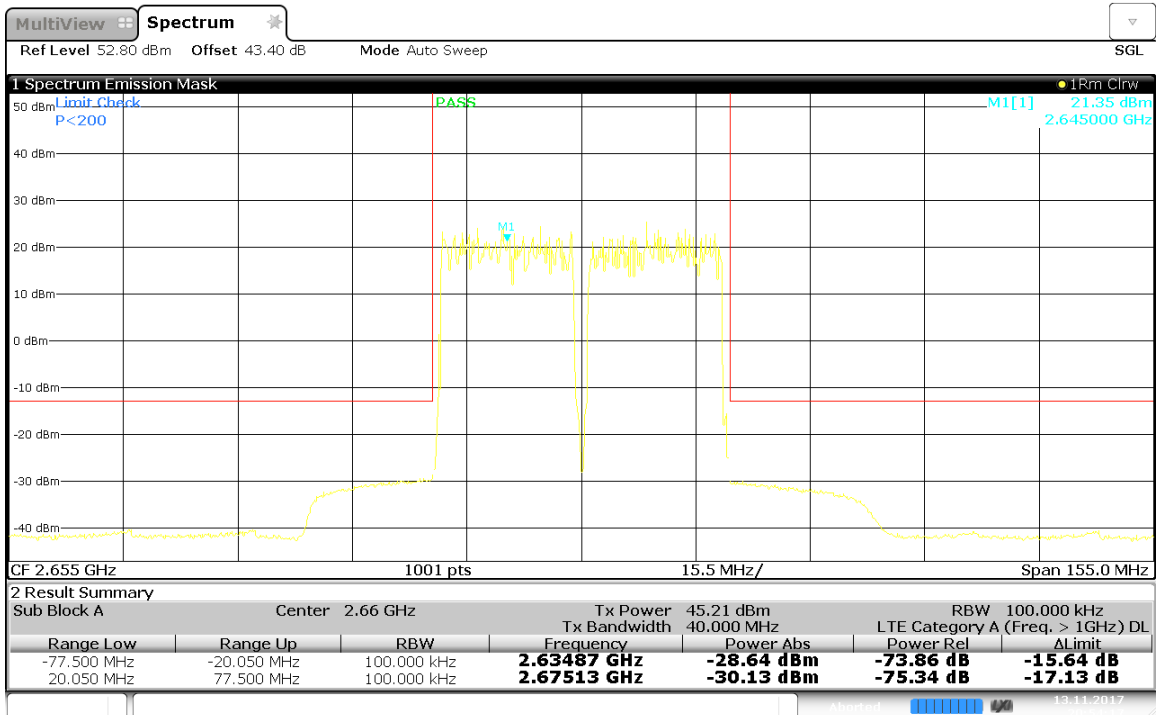
20M+20M -2655MHz-Port 1~4:



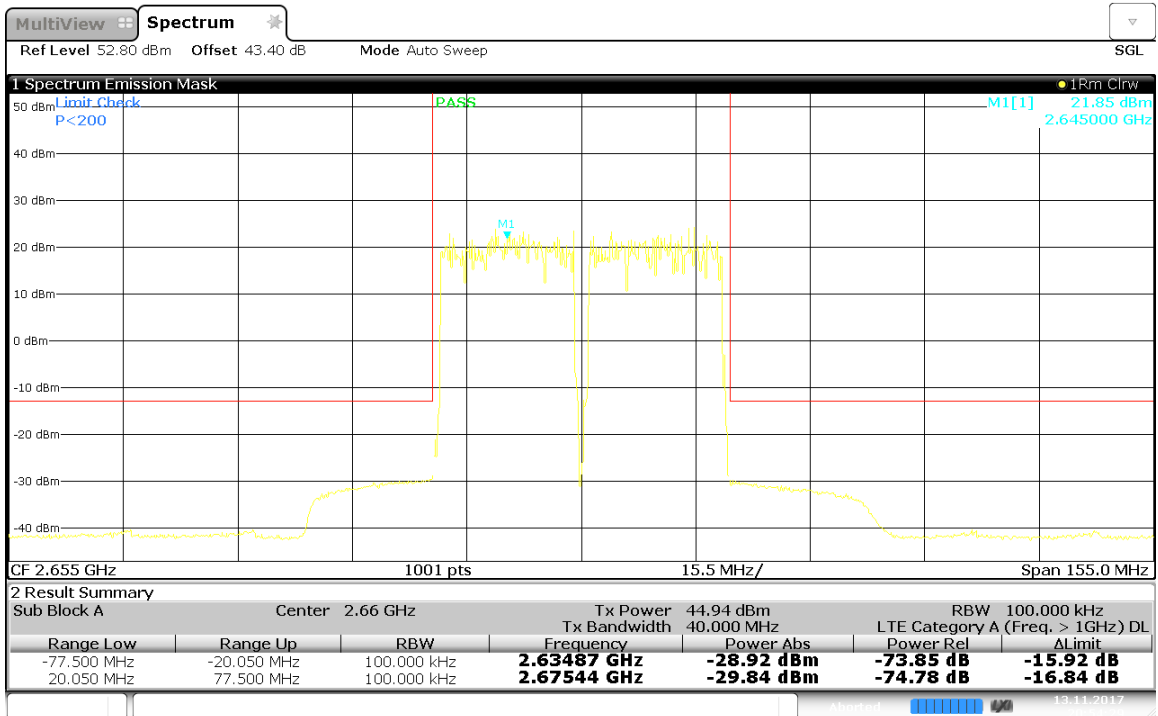
20:53:51 13.11.2017



20:54:04 13.11.2017

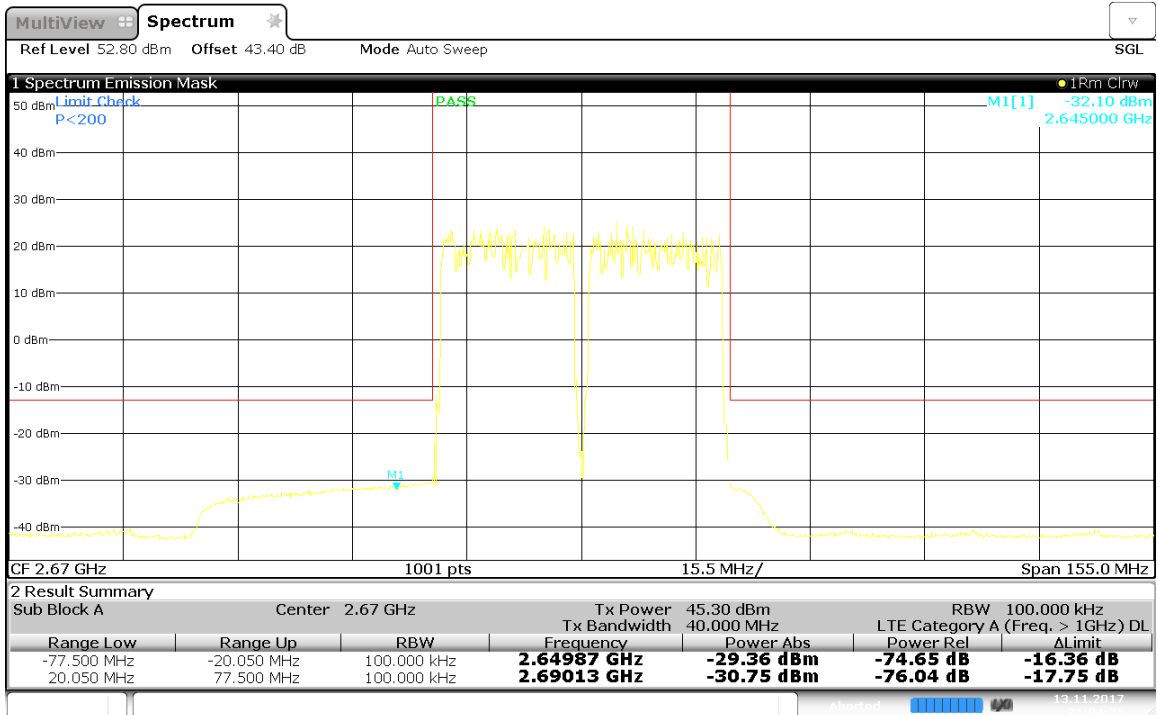


20:54:17 13.11.2017

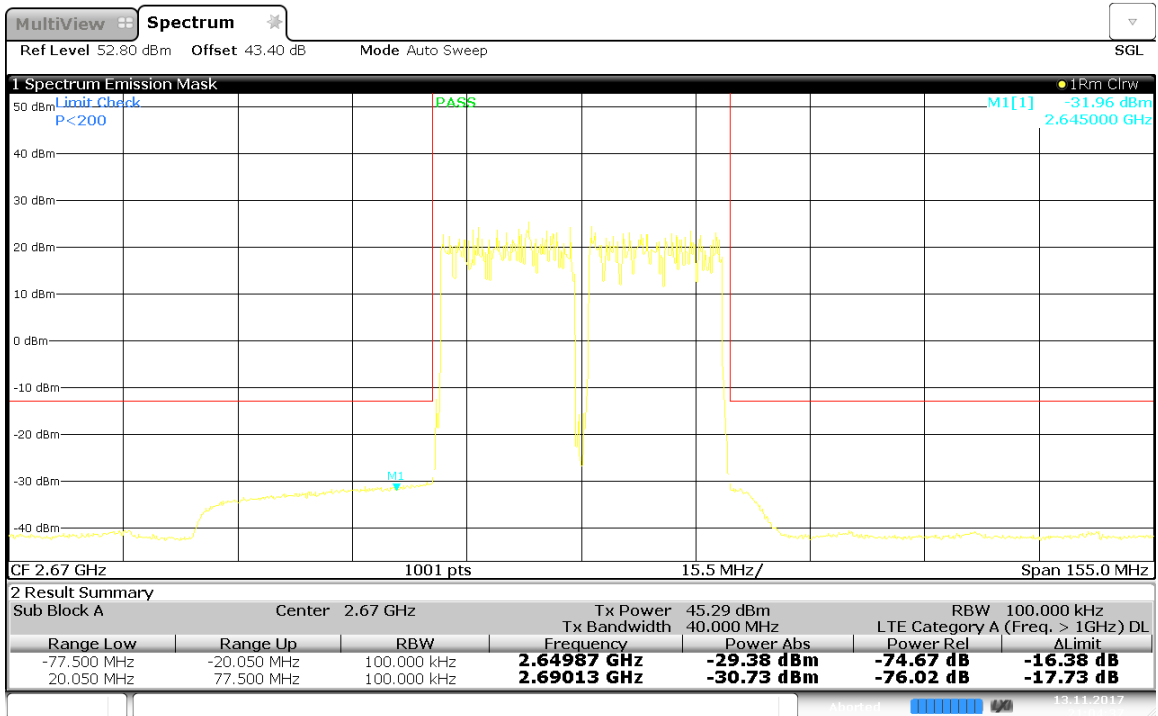


20:54:30 13.11.2017

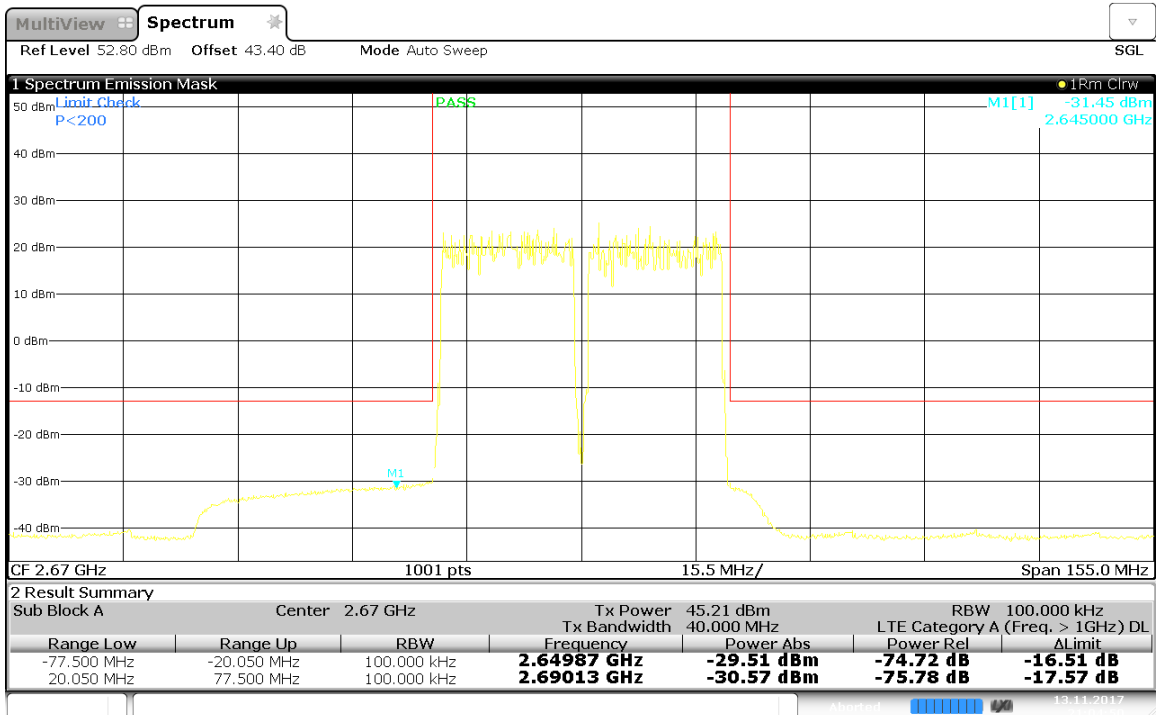
20M+20M -2670MHz-Port 1~4:



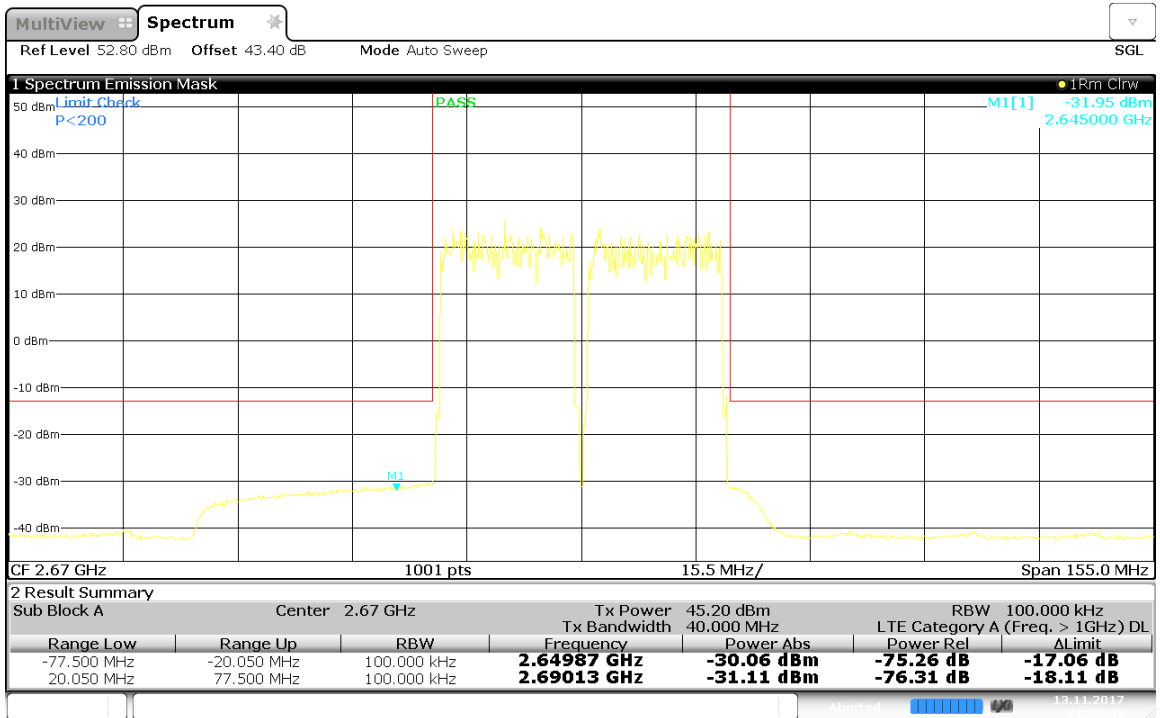
21:04:25 13.11.2017



21:04:38 13.11.2017



21:04:51 13.11.2017



21:05:04 13.11.2017

3.8. Frequency Stability

3.8.1. Applicable Standard: FCC § 2.1055

Requirements: FCC § 2.1055 (a)(d), The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.8.2. Test Equipment List and Details

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|--------------|-------------------------------------|---------------|---------------|------------------|----------------------|
| R&S | Signal & Spectrum Analyzer | FSW26 | SB12724/01 | 2017.6.19 | 2018.6.18 |
| Espec | Temperature & Humidity Test chamber | EH-010U | SB11818 | 2017.3.24 | 2018.3.23 |
| DTS | DTS 40dB Attenuator | DTS100-40-3-1 | 09112005 | 2017.03.15 | 2018.03.15 |

***statement of traceability:** SMQ attests that all calibration has been performed per the A2LA requirements, traceable to NIM.

3.8.3. Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to a Spectrum Analyzer via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 150 minutes, the frequency output was recorded from the counter.

Frequency Stability vs. Voltage: An external variable DC power supply Source. The voltage was set to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the end point. The output frequency was recorded for each voltage.

3.8.4. Environmental Conditions

| | |
|--------------------|-----------|
| Normal condition: | 25° C |
| Relative Humidity: | 54% |
| ATM Pressure: | 1011 mbar |

3.8.5. Test Result: Pass

3.8.6. Test Mode: Transmitting LTE

3.8.7. Test Data

Frequency Stability Versus Temperature

| Frequency Stability vs Temperature (Channel Bandwidth:20M Frequency :2655MHz) | | | | | | | |
|--|-----------------------------------|------|------------------------------|-------|--------------|------------|--------|
| Temperature (°C) | Power Supplied (V _{DC}) | Port | Frequency Measure Error(Hz) | E-TM | Limit (ppm) | Limit(Hz) | Result |
| -40 | -48 | 1 | 0.896 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.563 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.650 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -0.814 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | 0.050 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.502 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.141 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.320 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | -0.795 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.090 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.021 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -0.092 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | 0.476 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.473 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 1.152 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.050 | TM3.3 | 0.05 | 132.75 | PASS |
| -30 | -48 | 1 | -0.183 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.762 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 1.767 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.041 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | 1.063 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.228 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.175 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.612 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | 0.349 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.011 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.025 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 1.017 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | 0.738 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.329 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.144 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -0.688 | TM3.3 | 0.05 | 132.75 | PASS |
| -20 | -48 | 1 | 0.177 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.015 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.524 | TM3.2 | 0.05 | 132.75 | PASS |

| | | | | | | | |
|-------|--------|-------|--------|---------------|------|---------------|------|
| | | | 0.000 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | 0.048 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.071 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.768 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 1.616 | TM3.3 | 0.05 | 132.75 | PASS |
| | | | -1.031 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 3 | -0.434 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 2.715 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 1.790 | TM3.3 | 0.05 | 132.75 | PASS |
| | | | 0.587 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 4 | 0.017 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.268 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -1.549 | TM3.3 | 0.05 | 132.75 | PASS |
| | | | -0.502 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1 | 0.018 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.220 | TM3.2 | 0.05 | 132.75 | PASS |
| 0.805 | TM3.3 | | 0.05 | 132.75 | PASS | | |
| 0.219 | TM2.0 | | 0.05 | 132.75 | PASS | | |
| 2 | -1.869 | TM3.1 | 0.05 | 132.75 | PASS | | |
| | 1.171 | TM3.2 | 0.05 | 132.75 | PASS | | |
| | -0.010 | TM3.3 | 0.05 | 132.75 | PASS | | |
| | -0.837 | TM2.0 | 0.05 | 132.75 | PASS | | |
| 3 | 1.729 | TM3.1 | 0.05 | 132.75 | PASS | | |
| | 0.355 | TM3.2 | 0.05 | 132.75 | PASS | | |
| | 0.073 | TM3.3 | 0.05 | 132.75 | PASS | | |
| | 0.314 | TM2.0 | 0.05 | 132.75 | PASS | | |
| 4 | -0.168 | TM3.1 | 0.05 | 132.75 | PASS | | |
| | 0.070 | TM3.2 | 0.05 | 132.75 | PASS | | |
| | 0.089 | TM3.3 | 0.05 | 132.75 | PASS | | |
| | 2.410 | TM2.0 | 0.05 | 132.75 | PASS | | |
| 1 | -0.401 | TM3.1 | 0.05 | 132.75 | PASS | | |
| | 0.479 | TM3.2 | 0.05 | 132.75 | PASS | | |
| | 1.067 | TM3.3 | 0.05 | 132.75 | PASS | | |
| | 0.070 | TM2.0 | 0.05 | 132.75 | PASS | | |
| 2 | 0.330 | TM3.1 | 0.05 | 132.75 | PASS | | |
| | 0.231 | TM3.2 | 0.05 | 132.75 | PASS | | |
| | 0.084 | TM3.3 | 0.05 | 132.75 | PASS | | |
| | 1.448 | TM2.0 | 0.05 | 132.75 | PASS | | |
| 3 | 0.733 | TM3.1 | 0.05 | 132.75 | PASS | | |
| | 1.750 | TM3.2 | 0.05 | 132.75 | PASS | | |
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|-------|--------|--------|-------|---------------|---------------|------|
| 10 | | -1.864 | TM3.3 | 0.05 | 132.75 | PASS |
| | 4 | 0.036 | TM2.0 | 0.05 | 132.75 | PASS |
| | | -0.410 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.360 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.838 | TM3.3 | 0.05 | 132.75 | PASS |
| | 1 | 0.035 | TM2.0 | 0.05 | 132.75 | PASS |
| | | -0.250 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.744 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.730 | TM3.3 | 0.05 | 132.75 | PASS |
| | 2 | 0.029 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.948 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.852 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.964 | TM3.3 | 0.05 | 132.75 | PASS |
| | 3 | 0.035 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.249 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.496 | TM3.2 | 0.05 | 132.75 | PASS |
| 0.241 | | TM3.3 | 0.05 | 132.75 | PASS | |
| 4 | -0.717 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 1.760 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.076 | TM3.2 | 0.05 | 132.75 | PASS | |
| | -0.400 | TM3.3 | 0.05 | 132.75 | PASS | |
| 20 | 1 | 0.715 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.468 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.026 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.537 | TM3.3 | 0.05 | 132.75 | PASS |
| | 2 | -0.515 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.025 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 1.011 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 0.199 | TM3.3 | 0.05 | 132.75 | PASS |
| | 3 | 0.548 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.548 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.144 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.567 | TM3.3 | 0.05 | 132.75 | PASS |
| | 4 | 1.574 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.398 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.042 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.676 | TM3.3 | 0.05 | 132.75 | PASS |
| 30 | 1 | 0.920 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.184 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.930 | TM3.2 | 0.05 | 132.75 | PASS |

| | | | | | | |
|--------|--------|--------|-------|---------------|---------------|------|
| 40 | 2 | 0.215 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 1.389 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.376 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.597 | TM3.2 | 0.05 | 132.75 | PASS |
| | 0.606 | TM3.3 | 0.05 | 132.75 | PASS | |
| | 3 | 0.029 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.702 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 1.589 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.017 | TM3.3 | 0.05 | 132.75 | PASS |
| | 4 | 2.643 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.169 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.545 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 0.005 | TM3.3 | 0.05 | 132.75 | PASS |
| | 1 | 0.042 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.632 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.563 | TM3.2 | 0.05 | 132.75 | PASS |
| -0.815 | | TM3.3 | 0.05 | 132.75 | PASS | |
| 2 | 0.053 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.068 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.798 | TM3.2 | 0.05 | 132.75 | PASS | |
| | 1.007 | TM3.3 | 0.05 | 132.75 | PASS | |
| 3 | 0.051 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.038 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.020 | TM3.2 | 0.05 | 132.75 | PASS | |
| | 1.956 | TM3.3 | 0.05 | 132.75 | PASS | |
| 4 | 0.091 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.803 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.255 | TM3.2 | 0.05 | 132.75 | PASS | |
| | 0.087 | TM3.3 | 0.05 | 132.75 | PASS | |
| 1 | -0.242 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.296 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 1.767 | TM3.2 | 0.05 | 132.75 | PASS | |
| | -0.031 | TM3.3 | 0.05 | 132.75 | PASS | |
| 2 | 0.077 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.876 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.041 | TM3.2 | 0.05 | 132.75 | PASS | |
| | -0.322 | TM3.3 | 0.05 | 132.75 | PASS | |
| 3 | -0.869 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 1.412 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 1.243 | TM3.2 | 0.05 | 132.75 | PASS | |

| | | | | | | | |
|-------|-------|---|--------|---------------|------|---------------|------|
| 55 | | 4 | 0.887 | TM3.3 | 0.05 | 132.75 | PASS |
| | | | 2.086 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.912 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.924 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.041 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 1 | -0.335 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.092 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.535 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -0.197 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | -0.216 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.954 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.657 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.036 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | 0.090 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.221 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 3.016 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 1.518 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | -1.599 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -1.833 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.871 | TM3.2 | 0.05 | 132.75 | PASS |
| 0.558 | TM3.3 | | 0.05 | 133.75 | PASS | | |

| Frequency Stability vs Temperature (Channel Bandwidth:20M+20M RF Center Frequency :2655MHz) | | | | | | | | |
|---|-----------------------------------|------|------------------------------------|------------------------------------|-------|-------------|-----------|--------|
| Temperature (°C) | Power Supplied (V _{DC}) | Port | Carry1 Frequency Measure Error(Hz) | Carry2 Frequency Measure Error(Hz) | E-TM | Limit (ppm) | Limit(Hz) | Result |
| -40 | -48 | 1 | 0.020 | -0.133 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | -1.590 | -0.207 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.065 | 0.988 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 1.967 | 0.149 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 2 | 0.095 | 2.636 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | -0.453 | 0.158 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 1.775 | 2.860 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | -0.141 | 0.369 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 3 | 0.533 | 0.883 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 0.043 | -0.598 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.409 | 1.299 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 0.031 | -0.219 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 4 | 0.831 | 0.476 | TM2.0 | 0.05 | 132.750 | PASS |

| | | | | | | | | | | |
|--------|---|--|--------|--------|--------|--------|---------|---------|---------|------|
| -30 | | | -1.056 | 0.073 | TM3.1 | 0.05 | 132.750 | PASS | | |
| | | | 0.013 | 1.826 | TM3.2 | 0.05 | 132.750 | PASS | | |
| | | | -0.703 | 0.089 | TM3.3 | 0.05 | 132.750 | PASS | | |
| | 1 | | | 2.317 | -0.505 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | | 0.829 | 0.270 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | | 1.397 | 2.664 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | | -0.867 | -0.351 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 2 | | | 0.094 | 0.071 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | | 0.008 | 0.412 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | | 0.043 | -0.655 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | | 1.220 | 1.984 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 3 | | | 0.157 | 0.737 | TM2.0 | 0.05 | 132.750 | PASS | |
| -0.252 | | | | 0.026 | TM3.1 | 0.05 | 132.750 | PASS | | |
| -0.589 | | | | 0.001 | TM3.2 | 0.05 | 132.750 | PASS | | |
| 2.066 | | | | 0.079 | TM3.3 | 0.05 | 132.750 | PASS | | |
| 4 | | | 0.079 | -0.502 | TM2.0 | 0.05 | 132.750 | PASS | | |
| | | | 1.718 | 1.284 | TM3.1 | 0.05 | 132.750 | PASS | | |
| | | | 0.740 | 0.071 | TM3.2 | 0.05 | 132.750 | PASS | | |
| | | | 0.079 | -0.748 | TM3.3 | 0.05 | 132.750 | PASS | | |
| -20 | 1 | | | -0.105 | 0.273 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | | 1.959 | 0.417 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | | -1.402 | 0.061 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | | 0.061 | -0.614 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 2 | | | | 0.019 | 0.051 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | 0.098 | 1.044 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 1.047 | -0.871 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | 1.292 | 0.043 | TM3.3 | 0.05 | 132.750 | PASS |
| | 3 | | | | -0.200 | 0.349 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | -0.072 | -0.103 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | -0.420 | 0.233 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | -0.261 | 0.109 | TM3.3 | 0.05 | 132.750 | PASS |
| | 4 | | | | 2.858 | 0.152 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | 0.348 | 1.290 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | -0.156 | 2.593 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | 0.312 | -1.490 | TM3.3 | 0.05 | 132.750 | PASS |
| -10 | 1 | | | 0.578 | 0.934 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | | 1.932 | 0.632 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | | 1.376 | 0.066 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | | 2.353 | 0.080 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 2 | | | | 0.087 | 0.157 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | 0.435 | 1.452 | TM3.1 | 0.05 | 132.750 | PASS |

| | | | | | | | | | |
|----|---|---|--------|--------|--------|-------|---------|---------|------|
| | | | 0.699 | 2.370 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | 0.234 | 0.432 | TM3.3 | 0.05 | 132.750 | PASS | |
| | | 3 | | -0.752 | 1.036 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | 2.057 | -0.786 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | 0.595 | -0.768 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | 1.548 | 1.068 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 4 | | -0.655 | 0.963 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | 1.998 | -0.155 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.887 | 0.255 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | -0.133 | 0.026 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 0 | 1 | | 0.010 | -0.884 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | 2.002 | 0.942 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | 0.001 | 1.900 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | 1.510 | -0.305 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 2 | | 0.343 | 0.594 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | 0.788 | 0.093 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 1.074 | -0.601 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | 1.028 | -0.373 | TM3.3 | 0.05 | 132.750 | PASS | |
| 3 | | | 0.337 | 0.044 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | 1.992 | 0.439 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | -0.267 | 0.725 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | -0.582 | 0.509 | TM3.3 | 0.05 | 132.750 | PASS | |
| 4 | | | 0.047 | -0.371 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | -0.591 | 1.584 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | 2.844 | 0.743 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | 3.065 | 0.068 | TM3.3 | 0.05 | 132.750 | PASS | |
| 10 | 1 | | 1.644 | -0.829 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | -1.318 | 0.778 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | 0.064 | -0.186 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | 0.140 | -0.879 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 2 | | 0.203 | 0.049 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | 1.137 | 0.874 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | 0.068 | 1.621 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | 2.112 | 1.978 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 3 | | 0.048 | 0.201 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | 0.448 | 1.653 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | 0.128 | 0.052 | TM3.2 | 0.05 | 132.750 | PASS | |
| | | | 0.008 | 0.568 | TM3.3 | 0.05 | 132.750 | PASS | |
| | 4 | | -0.405 | 0.030 | TM2.0 | 0.05 | 132.750 | PASS | |
| | | | -0.575 | 0.335 | TM3.1 | 0.05 | 132.750 | PASS | |
| | | | 2.553 | 0.485 | TM3.2 | 0.05 | 132.750 | PASS | |

| | | | | | | | | |
|-------|-------|---|--------|--------|---------|------|---------|------|
| 20 | | 1 | 2.085 | 0.376 | TM3.3 | 0.05 | 132.750 | PASS |
| | | | 2.025 | 0.551 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 0.156 | -0.631 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | -0.372 | 0.390 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 1.073 | 0.034 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 2 | 0.048 | 1.533 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 1.943 | 0.625 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 2.177 | 2.023 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 1.685 | -0.595 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 3 | -0.861 | 0.009 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 0.903 | 0.018 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.435 | 0.015 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 0.048 | -0.171 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 4 | -0.181 | 0.057 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 2.019 | 0.030 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.007 | 0.056 | TM3.2 | 0.05 | 132.750 | PASS |
| 0.954 | 0.269 | | TM3.3 | 0.05 | 132.750 | PASS | | |
| 30 | | 1 | 0.054 | 0.656 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | -0.731 | -0.869 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 2.463 | 1.304 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | -0.712 | -0.423 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 2 | 0.864 | 1.340 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | -0.173 | 0.003 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | -0.429 | 0.008 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 0.782 | 0.844 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 3 | 0.488 | 0.198 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 0.004 | 2.619 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | -0.667 | 0.996 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | -0.163 | 0.123 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 4 | 0.089 | 0.332 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 0.001 | 0.052 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 1.005 | 0.375 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 0.745 | 0.023 | TM3.3 | 0.05 | 132.750 | PASS |
| 40 | | 1 | -0.557 | -0.156 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | -0.102 | 0.039 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.186 | -0.295 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 0.721 | 2.541 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 2 | 0.060 | 1.027 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | 0.003 | 2.011 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | 0.774 | 1.091 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | 0.063 | 0.046 | TM3.3 | 0.05 | 132.750 | PASS |

| | | | | | | | | | | |
|----|--|----|--------|--------|--------|--------|---------|------|---------|------|
| | | 3 | 0.013 | 0.594 | TM2.0 | 0.05 | 132.750 | PASS | | |
| | | | -0.354 | -0.036 | TM3.1 | 0.05 | 132.750 | PASS | | |
| | | | -1.004 | -0.341 | TM3.2 | 0.05 | 132.750 | PASS | | |
| | | | 0.407 | -0.774 | TM3.3 | 0.05 | 132.750 | PASS | | |
| | | 4 | | | 0.070 | 0.050 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | -0.130 | 0.284 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 0.008 | 0.676 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | 0.028 | 0.089 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 50 | | 1 | 0.013 | 0.057 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | 2.783 | -0.734 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 2.796 | 1.084 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | 0.998 | 1.670 | TM3.3 | 0.05 | 132.750 | PASS |
| 2 | | | | | 0.398 | 0.318 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | -0.382 | -0.700 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 1.018 | 0.083 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | 0.041 | 1.726 | TM3.3 | 0.05 | 132.750 | PASS |
| 3 | | | | | -0.643 | -0.141 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | -0.562 | 0.395 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 0.042 | -0.163 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | -0.443 | -0.515 | TM3.3 | 0.05 | 132.750 | PASS |
| 4 | | | -0.244 | -0.723 | TM2.0 | 0.05 | 132.750 | PASS | | |
| | | | 2.150 | -0.634 | TM3.1 | 0.05 | 132.750 | PASS | | |
| | | | -1.725 | 0.501 | TM3.2 | 0.05 | 132.750 | PASS | | |
| | | | 0.077 | -1.421 | TM3.3 | 0.05 | 132.750 | PASS | | |
| 55 | | 1 | 0.230 | 0.459 | TM2.0 | 0.05 | 132.750 | PASS | | |
| | | | 0.592 | 0.060 | TM3.1 | 0.05 | 132.750 | PASS | | |
| | | | -1.538 | 1.356 | TM3.2 | 0.05 | 132.750 | PASS | | |
| | | | 0.348 | 0.076 | TM3.3 | 0.05 | 132.750 | PASS | | |
| | | 2 | | | 0.003 | 0.586 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | 0.482 | 0.092 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 1.433 | 0.023 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | 1.270 | 1.324 | TM3.3 | 0.05 | 132.750 | PASS |
| | | 3 | | | -1.374 | 0.818 | TM2.0 | 0.05 | 132.750 | PASS |
| | | | | | 0.081 | 0.014 | TM3.1 | 0.05 | 132.750 | PASS |
| | | | | | 0.547 | 0.103 | TM3.2 | 0.05 | 132.750 | PASS |
| | | | | | -0.698 | 0.059 | TM3.3 | 0.05 | 132.750 | PASS |
| 4 | | | 2.551 | 0.487 | TM2.0 | 0.05 | 132.750 | PASS | | |
| | | | 0.799 | -0.760 | TM3.1 | 0.05 | 132.750 | PASS | | |
| | | | 0.070 | 1.942 | TM3.2 | 0.05 | 132.750 | PASS | | |
| | | | 2.127 | 1.991 | TM3.3 | 0.05 | 132.750 | PASS | | |

Frequency Stability Versus Voltage

| Frequency Stability vs Voltage (Channel Bandwidth:20M Frequency :2655MHz) | | | | | | | |
|---|------------------|------|------------------------------|-------|--------------|------------|--------|
| Power Supplied (V _{DC}) | Temperature (°C) | Port | Frequency Measure Error(Hz) | E-TM | Limit (ppm) | Limit(Hz) | Result |
| -40 | 20 | 1 | -1.643 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.603 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.528 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 1.960 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | 0.056 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 1.442 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 1.008 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.047 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | 0.046 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.395 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.102 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.044 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | 0.705 | TM2.0 | 0.05 | 37.3 | PASS |
| | | | 1.364 | TM3.1 | 0.05 | 37.3 | PASS |
| | | | 0.309 | TM3.2 | 0.05 | 37.3 | PASS |
| | | | -0.263 | TM3.3 | 0.05 | 37.3 | PASS |
| -44 | 20 | 1 | -1.809 | TM2.0 | 0.05 | 37.3 | PASS |
| | | | 0.181 | TM3.1 | 0.05 | 37.3 | PASS |
| | | | 0.016 | TM3.2 | 0.05 | 37.3 | PASS |
| | | | 0.022 | TM3.3 | 0.05 | 37.3 | PASS |
| | | 2 | 0.297 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.454 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.965 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -0.567 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | 0.268 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.067 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.009 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.015 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | -0.185 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.496 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.019 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.253 | TM3.3 | 0.05 | 132.75 | PASS |
| -48 | 20 | 1 | -0.353 | TM2.0 | 0.05 | 37.3 | PASS |
| | | | -0.229 | TM3.1 | 0.05 | 37.3 | PASS |
| | | | -1.872 | TM3.2 | 0.05 | 37.3 | PASS |
| | | | -0.367 | TM3.3 | 0.05 | 37.3 | PASS |
| | | 2 | 0.990 | TM2.0 | 0.05 | 37.3 | PASS |

| | | | | | | | | |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| | | | 0.825 | TM3.1 | 0.05 | 37.3 | PASS | |
| | | | 0.123 | TM3.2 | 0.05 | 37.3 | PASS | |
| | | | 0.068 | TM3.3 | 0.05 | 37.3 | PASS | |
| | | 3 | | 0.234 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | | -0.428 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | | 0.874 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | | 0.069 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | | 0.436 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | | 0.674 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | | 0.204 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | | -0.239 | TM3.3 | 0.05 | 132.75 | PASS |
| | | -52 | | 1 | -0.480 | TM2.0 | 0.05 | 132.75 |
| 3.039 | TM3.1 | | | | 0.05 | 132.75 | PASS | |
| -0.615 | TM3.2 | | | | 0.05 | 132.75 | PASS | |
| 0.221 | TM3.3 | | | | 0.05 | 132.75 | PASS | |
| 2 | | | | -0.584 | TM2.0 | 0.05 | 37.3 | PASS |
| | | | | 1.361 | TM3.1 | 0.05 | 37.3 | PASS |
| | | | | -0.126 | TM3.2 | 0.05 | 37.3 | PASS |
| | | | | -0.063 | TM3.3 | 0.05 | 37.3 | PASS |
| 3 | | | | 0.061 | TM2.0 | 0.05 | 37.3 | PASS |
| | | | | 0.069 | TM3.1 | 0.05 | 37.3 | PASS |
| | | | | 3.056 | TM3.2 | 0.05 | 37.3 | PASS |
| | | | | -0.448 | TM3.3 | 0.05 | 37.3 | PASS |
| 4 | | -1.253 | TM2.0 | 0.05 | 37.3 | PASS | | |
| | | 2.702 | TM3.1 | 0.05 | 37.3 | PASS | | |
| | | 0.063 | TM3.2 | 0.05 | 37.3 | PASS | | |
| | | 1.745 | TM3.3 | 0.05 | 37.3 | PASS | | |
| -60 | | 1 | 0.706 | TM2.0 | 0.05 | 37.3 | PASS | |
| | | | -0.293 | TM3.1 | 0.05 | 37.3 | PASS | |
| | | | 0.059 | TM3.2 | 0.05 | 37.3 | PASS | |
| | | | 0.410 | TM3.3 | 0.05 | 37.3 | PASS | |
| | | 2 | | 0.896 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | | -0.272 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | | 0.021 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | | -0.290 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | | 0.350 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | | 0.707 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | | -0.758 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | | -0.658 | TM3.3 | 0.05 | 132.75 | PASS |
| 4 | | 0.786 | TM2.0 | 0.05 | 132.75 | PASS | | |

| | | | | | | | |
|--|--|--|-------|-------|------|--------|------|
| | | | 0.318 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 2.131 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.090 | TM3.3 | 0.05 | 132.75 | PASS |

| Frequency Stability vs Voltage (Channel Bandwidth:20M+20M RF Center Frequency :2655MHz) | | | | | | | |
|--|------------------|------|------------------------------|-------|--------------|---------------|--------|
| Power Supplied (VDC) | Temperature (°C) | Port | Frequency Measure Error(Hz) | E-TM | Limit (ppm) | Limit (Hz) | Result |
| -40 | 20 | 1 | -0.613 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.032 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.046 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 2.030 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | 3.075 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.120 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.097 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.556 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | 0.879 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.522 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 1.002 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -0.626 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | 1.796 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | -0.193 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -1.675 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | -1.064 | TM3.3 | 0.05 | 132.75 | PASS |
| -44 | 20 | 1 | 1.924 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.642 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 0.034 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 1.664 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 2 | 1.931 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.047 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | 2.042 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.045 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 3 | 0.095 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.029 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.739 | TM3.2 | 0.05 | 132.75 | PASS |
| | | | 0.257 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 4 | -0.083 | TM2.0 | 0.05 | 132.75 | PASS |
| | | | 0.011 | TM3.1 | 0.05 | 132.75 | PASS |
| | | | -0.087 | TM3.2 | 0.05 | 132.75 | PASS |

| | | | | | | |
|-------|--------|--------|-------|---------------|---------------|------|
| -48 | 1 | 0.424 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 0.079 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.022 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.026 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 0.087 | TM3.3 | 0.05 | 132.75 | PASS |
| | 2 | -0.753 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 3.049 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.069 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 1.632 | TM3.3 | 0.05 | 132.75 | PASS |
| | 3 | 0.652 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.427 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.560 | TM3.2 | 0.05 | 132.75 | PASS |
| | | -0.005 | TM3.3 | 0.05 | 132.75 | PASS |
| | 4 | -0.390 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.246 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.052 | TM3.2 | 0.05 | 132.75 | PASS |
| 0.285 | | TM3.3 | 0.05 | 132.75 | PASS | |
| 1 | -0.870 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.334 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.056 | TM3.2 | 0.05 | 132.75 | PASS | |
| | -0.204 | TM3.3 | 0.05 | 132.75 | PASS | |
| 2 | 0.077 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.861 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.706 | TM3.2 | 0.05 | 132.75 | PASS | |
| | 0.048 | TM3.3 | 0.05 | 132.75 | PASS | |
| 3 | -0.639 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.341 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -1.366 | TM3.2 | 0.05 | 132.75 | PASS | |
| | -0.663 | TM3.3 | 0.05 | 132.75 | PASS | |
| 4 | -1.879 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.371 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.675 | TM3.2 | 0.05 | 132.75 | PASS | |
| | 1.786 | TM3.3 | 0.05 | 132.75 | PASS | |
| 1 | 0.163 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.088 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.776 | TM3.2 | 0.05 | 132.75 | PASS | |
| | 0.091 | TM3.3 | 0.05 | 132.75 | PASS | |
| 2 | -0.421 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.047 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.798 | TM3.2 | 0.05 | 132.75 | PASS | |
| -52 | 1 | 0.424 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 0.079 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.022 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.026 | TM3.2 | 0.05 | 132.75 | PASS |
| | 2 | 0.087 | TM3.3 | 0.05 | 132.75 | PASS |
| | | -0.753 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 3.049 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.069 | TM3.2 | 0.05 | 132.75 | PASS |
| | 3 | 1.632 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 0.652 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.427 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.560 | TM3.2 | 0.05 | 132.75 | PASS |
| 4 | -0.005 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.390 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 1.246 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.052 | TM3.2 | 0.05 | 132.75 | PASS | |
| 1 | 0.285 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.870 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.334 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.056 | TM3.2 | 0.05 | 132.75 | PASS | |
| 2 | -0.204 | TM3.3 | 0.05 | 132.75 | PASS | |
| | 0.077 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.861 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.706 | TM3.2 | 0.05 | 132.75 | PASS | |
| 3 | 0.048 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.639 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.341 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -1.366 | TM3.2 | 0.05 | 132.75 | PASS | |
| 4 | -0.663 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -1.879 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.371 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.675 | TM3.2 | 0.05 | 132.75 | PASS | |
| 1 | 1.786 | TM3.3 | 0.05 | 132.75 | PASS | |
| | 0.163 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.088 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.776 | TM3.2 | 0.05 | 132.75 | PASS | |
| 2 | 0.091 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.421 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.047 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.798 | TM3.2 | 0.05 | 132.75 | PASS | |
| -56 | 1 | 0.424 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 0.079 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.022 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.026 | TM3.2 | 0.05 | 132.75 | PASS |
| | 2 | 0.087 | TM3.3 | 0.05 | 132.75 | PASS |
| | | -0.753 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 3.049 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.069 | TM3.2 | 0.05 | 132.75 | PASS |
| | 3 | 1.632 | TM3.3 | 0.05 | 132.75 | PASS |
| | | 0.652 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.427 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.560 | TM3.2 | 0.05 | 132.75 | PASS |
| 4 | -0.005 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.390 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 1.246 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.052 | TM3.2 | 0.05 | 132.75 | PASS | |
| 1 | 0.285 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.870 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.334 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.056 | TM3.2 | 0.05 | 132.75 | PASS | |
| 2 | -0.204 | TM3.3 | 0.05 | 132.75 | PASS | |
| | 0.077 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.861 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.706 | TM3.2 | 0.05 | 132.75 | PASS | |
| 3 | 0.048 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.639 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.341 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -1.366 | TM3.2 | 0.05 | 132.75 | PASS | |
| 4 | -0.663 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -1.879 | TM2.0 | 0.05 | 132.75 | PASS | |
| | -0.371 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.675 | TM3.2 | 0.05 | 132.75 | PASS | |
| 1 | 1.786 | TM3.3 | 0.05 | 132.75 | PASS | |
| | 0.163 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.088 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.776 | TM3.2 | 0.05 | 132.75 | PASS | |
| 2 | 0.091 | TM3.3 | 0.05 | 132.75 | PASS | |
| | -0.421 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.047 | TM3.1 | 0.05 | 132.75 | PASS | |
| | -0.798 | TM3.2 | 0.05 | 132.75 | PASS | |

| | | | | | | |
|-------|--------|--------|-------|---------------|---------------|------|
| -60 | | 0.004 | TM3.3 | 0.05 | 132.75 | PASS |
| | 3 | -0.740 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 1.096 | TM3.1 | 0.05 | 132.75 | PASS |
| | | -0.504 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 0.678 | TM3.3 | 0.05 | 132.75 | PASS |
| | 4 | 0.703 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.010 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.529 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 2.248 | TM3.3 | 0.05 | 132.75 | PASS |
| | 1 | -1.415 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.538 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.514 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 2.628 | TM3.3 | 0.05 | 132.75 | PASS |
| | 2 | 0.073 | TM2.0 | 0.05 | 132.75 | PASS |
| | | -0.830 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.748 | TM3.2 | 0.05 | 132.75 | PASS |
| | | 1.239 | TM3.3 | 0.05 | 132.75 | PASS |
| | 3 | 0.079 | TM2.0 | 0.05 | 132.75 | PASS |
| | | 0.075 | TM3.1 | 0.05 | 132.75 | PASS |
| | | 0.036 | TM3.2 | 0.05 | 132.75 | PASS |
| 0.056 | | TM3.3 | 0.05 | 132.75 | PASS | |
| 4 | 0.006 | TM2.0 | 0.05 | 132.75 | PASS | |
| | 0.888 | TM3.1 | 0.05 | 132.75 | PASS | |
| | 0.982 | TM3.2 | 0.05 | 132.75 | PASS | |
| | -0.433 | TM3.3 | 0.05 | 132.75 | PASS | |