

LTE Band 2 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
18650	1855.0	1.30	1.06
18900	1880.0	1.26	1.09
19150	1905.0	1.26	1.08

QPSK

Channel_18650

Marker Table:

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.850924 GHz	12.28 dBm	ndB down	1.299 MHz
T1	1		1.850564 GHz	-12.13 dBm	ndB	26.00 dB
T2	1		1.851863 GHz	-13.32 dBm	Q factor	1425.2

Channel_18900

Marker Table:

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.875884 GHz	12.15 dBm	ndB down	1.259 MHz
T1	1		1.875564 GHz	-14.14 dBm	ndB	26.00 dB
T2	1		1.876823 GHz	-13.87 dBm	Q factor	1490.3

Channel_19150

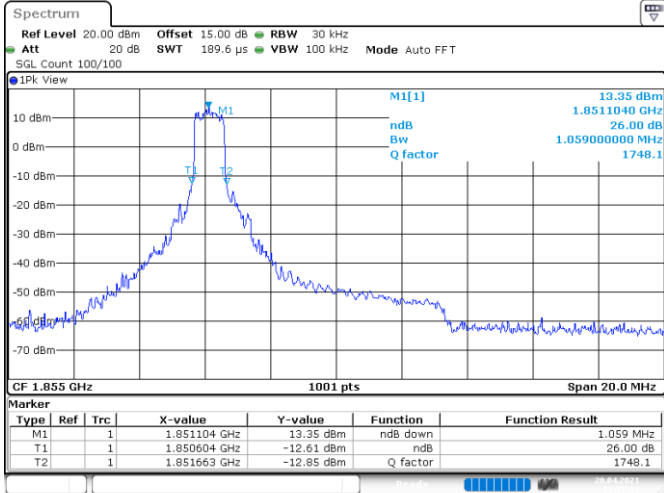
Marker Table:

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.901464 GHz	12.61 dBm	ndB down	1.259 MHz
T1	1		1.900584 GHz	-13.91 dBm	ndB	26.00 dB
T2	1		1.901843 GHz	-13.93 dBm	Q factor	1510.6

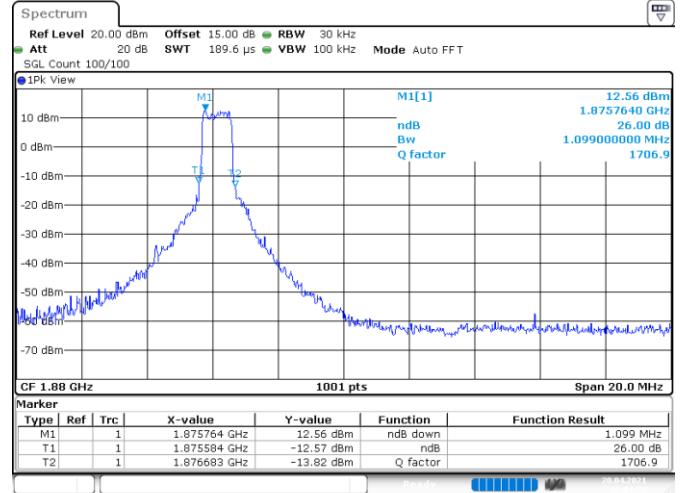
16QAM

Channel_18650

Channel_18900

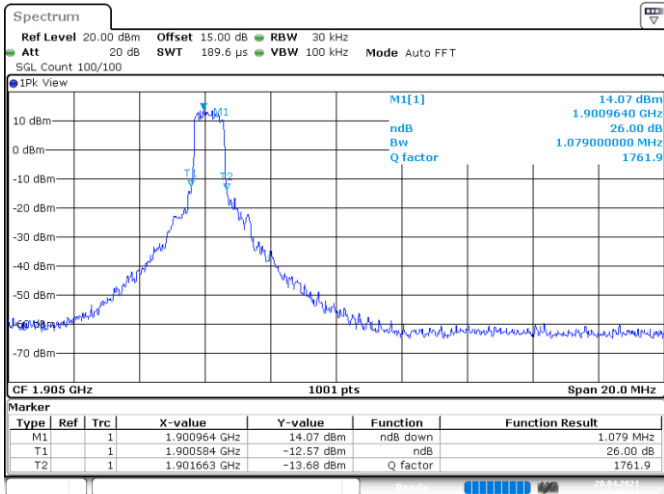


Date: 20.APR.2021 15:07:11



Date: 20.APR.2021 15:04:22

Channel_19150



Date: 20.APR.2021 15:02:14

LTE Band 2 _ Channel Bandwidth: 15 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
18675	1857.5	1.29	1.14
18900	1880.0	1.26	1.08
19125	1902.5	1.26	1.11

QPSK

Channel_18675

CF 1.8575 GHz 1001 pts **Span 30.0 MHz**

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.851506 GHz	13.17 dBm	ndB down	1.289 MHz
T1	1		1.850817 GHz	-11.66 dBm	ndB	26.00 dB
T2	1		1.852105 GHz	-11.85 dBm	Q factor	1436.7

Date: 20.APR.2021 15:18:28

Channel_18900

CF 1.88 GHz 1001 pts **Span 30.0 MHz**

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.873586 GHz	14.02 dBm	ndB down	1.259 MHz
T1	1		1.873347 GHz	-11.46 dBm	ndB	26.00 dB
T2	1		1.874605 GHz	-10.76 dBm	Q factor	1488.5

Date: 20.APR.2021 15:12:25

Channel_19125

CF 1.9025 GHz 1001 pts **Span 30.0 MHz**

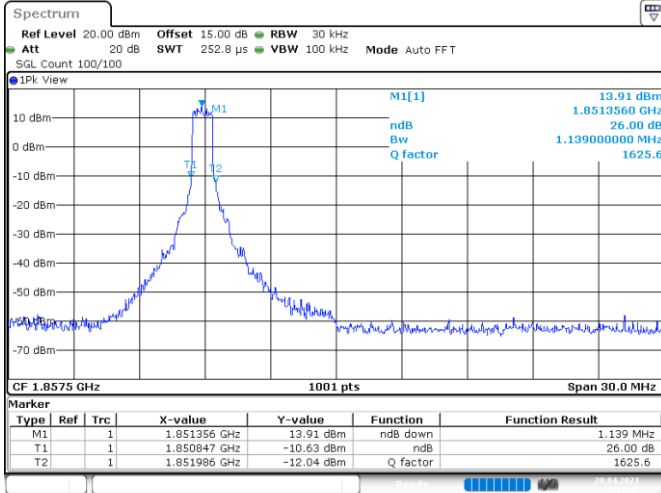
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.896716 GHz	14.27 dBm	ndB down	1.259 MHz
T1	1		1.895817 GHz	-12.30 dBm	ndB	26.00 dB
T2	1		1.897075 GHz	-11.91 dBm	Q factor	1506.8

Date: 20.APR.2021 15:17:37

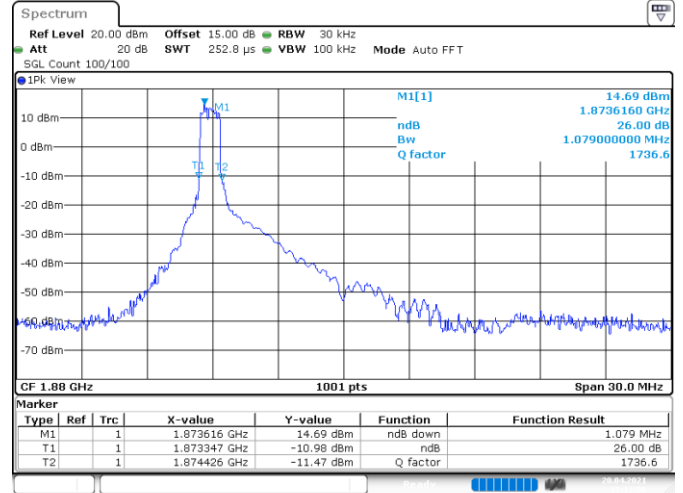
16QAM

Channel_18675

Channel_18900

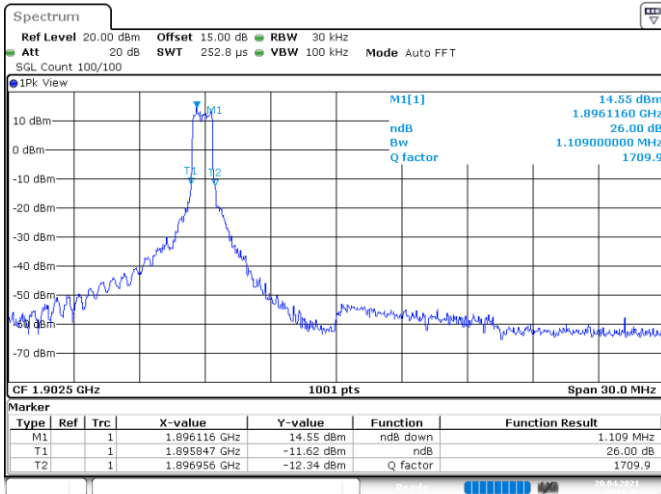


Date: 20.APR.2021 15:19:19



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Channel_19125



Date: 20.APR.2021 15:15:47

LTE Band 2 _ Channel Bandwidth: 20 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
18700	1860.0	1.32	1.12
18900	1880.0	1.28	1.12
19100	1900.0	1.28	1.16

QPSK

Channel_18700

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.851568 GHz	13.28 dBm	ndB down	1.319 MHz
T1	1		1.851249 GHz	-12.64 dBm	ndB	26.00 dB
T2	1		1.852567 GHz	-19.95 dBm	Q factor	1404.1

Date: 27.APR.2021 09:25:42

Channel_18900

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.871568 GHz	12.70 dBm	ndB down	1.279 MHz
T1	1		1.871249 GHz	-15.42 dBm	ndB	26.00 dB
T2	1		1.872527 GHz	-12.29 dBm	Q factor	1463.6

Date: 20.APR.2021 15:24:06

Channel_19100

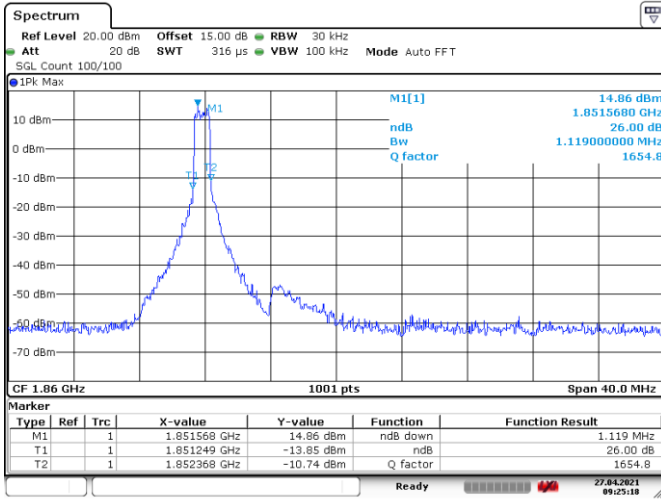
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.891608 GHz	13.59 dBm	ndB down	1.279 MHz
T1	1		1.891249 GHz	-10.91 dBm	ndB	26.00 dB
T2	1		1.892527 GHz	-12.66 dBm	Q factor	1479.3

Date: 20.APR.2021 15:24:46

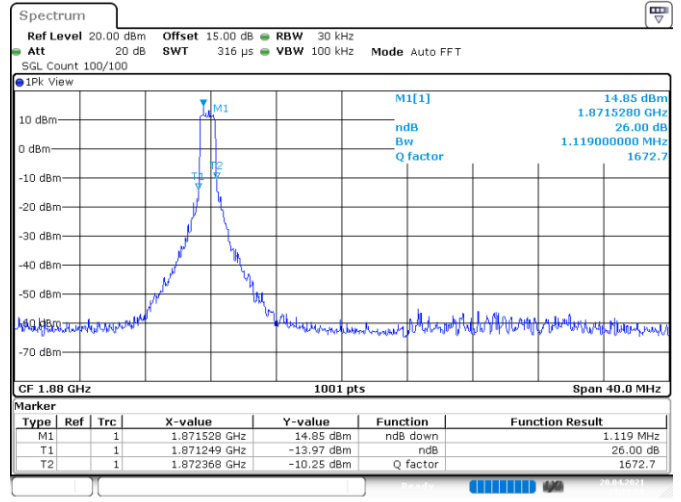
16QAM

Channel_18700

Channel_18900

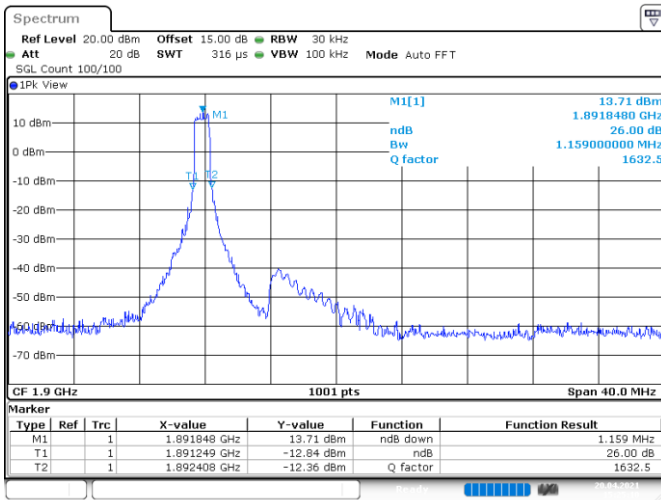


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Date: 20.APR.2021 15:20:58

Channel_19100

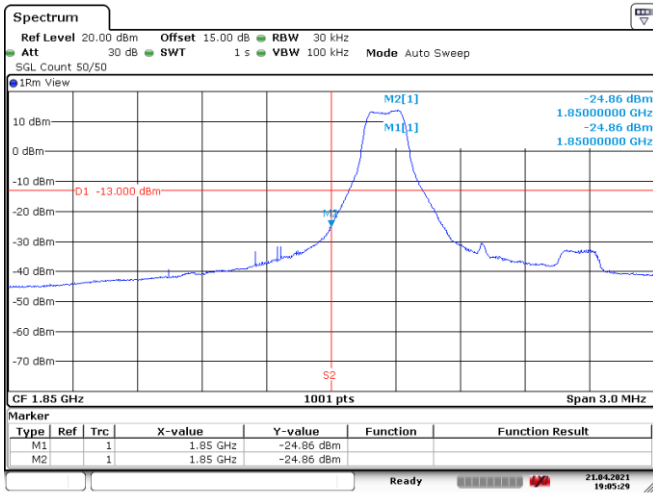


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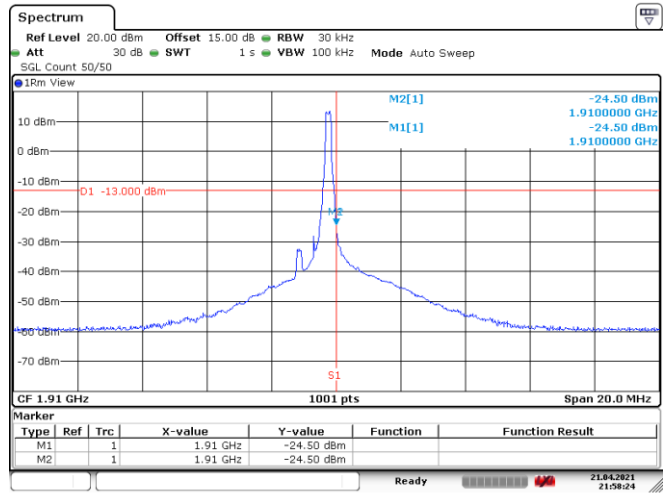
Conducted Band-Edge

LTE Band 2_QPSK_Channel Bandwidth: 1.4 MHz

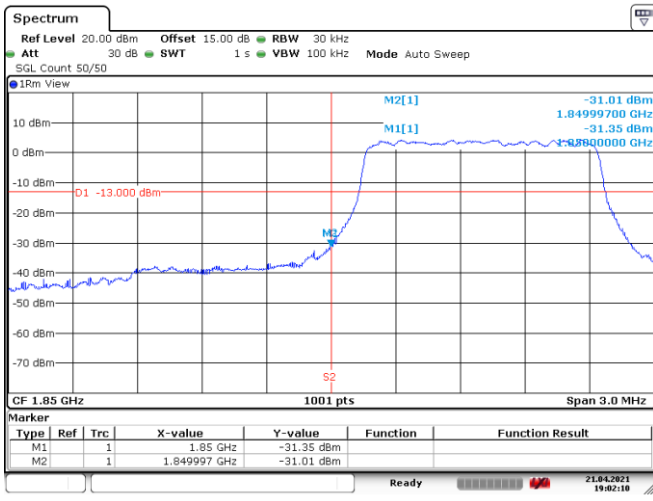
Channel_18607_1RB_Left



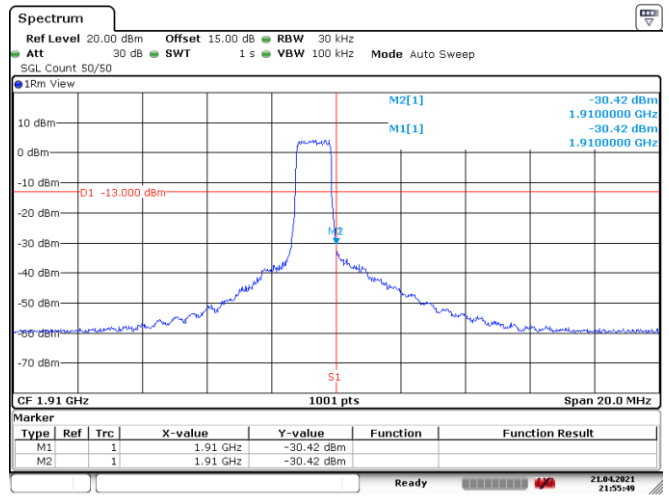
Channel_19193_1RB_Right



Channel_18607_6RB

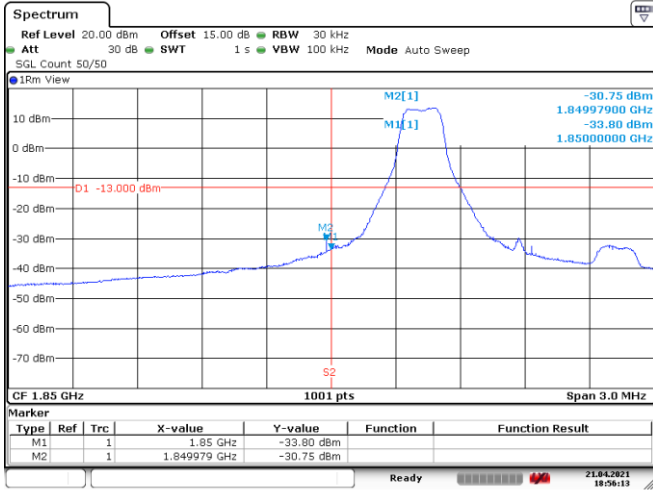


Channel_19193_6RB

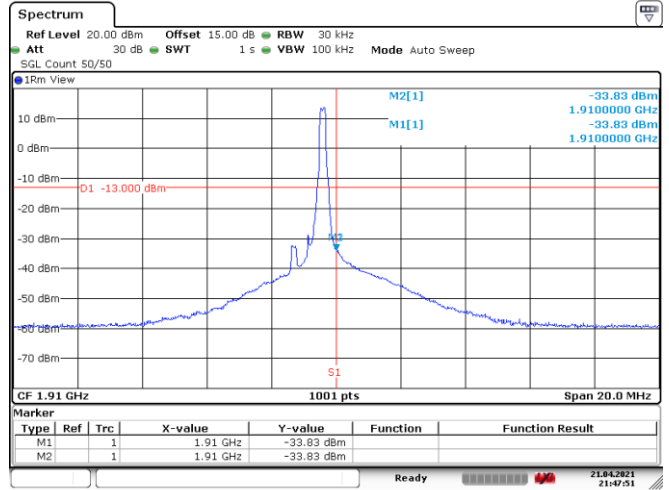


LTE Band 2_QPSK_Channel Bandwidth: 3 MHz

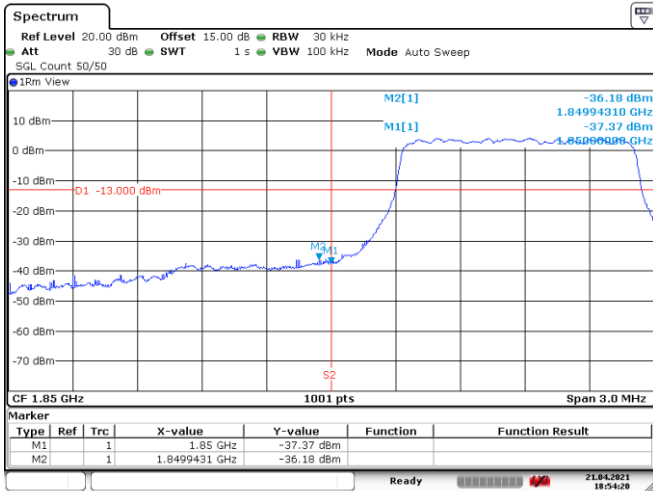
Channel_18615_1RB_Left



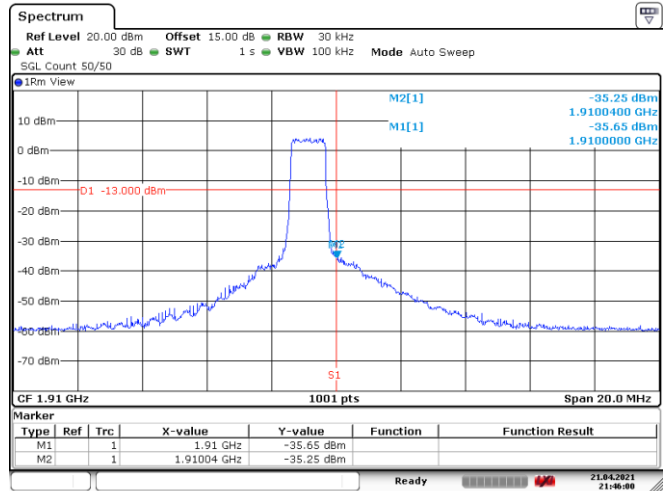
Channel_19185_1RB_Right



Channel_18615_6RB



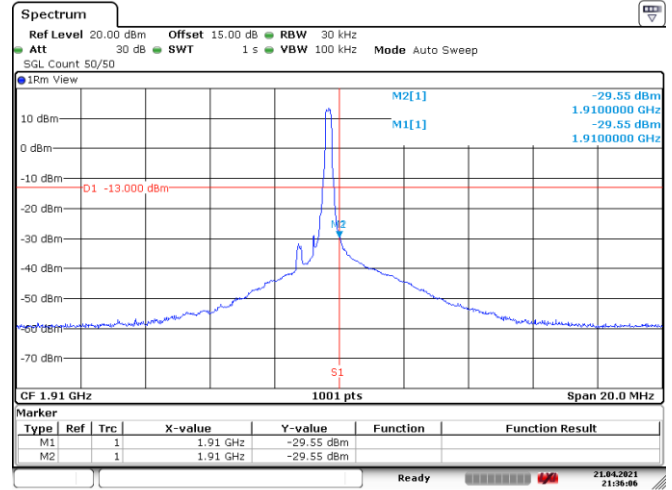
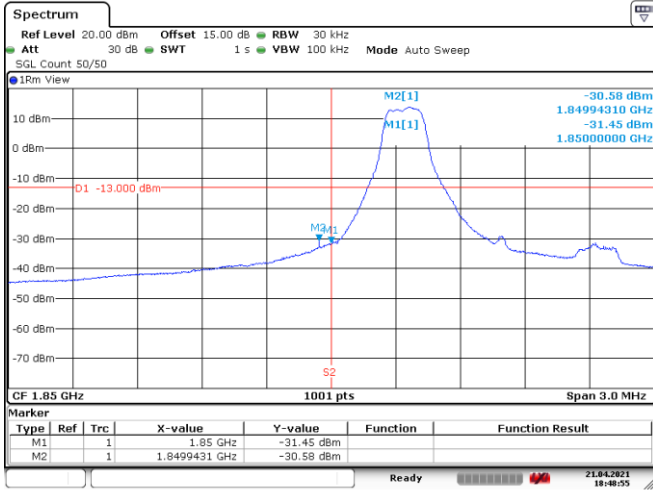
Channel_19185_6RB



LTE Band 2_QPSK_Channel Bandwidth: 5 MHz

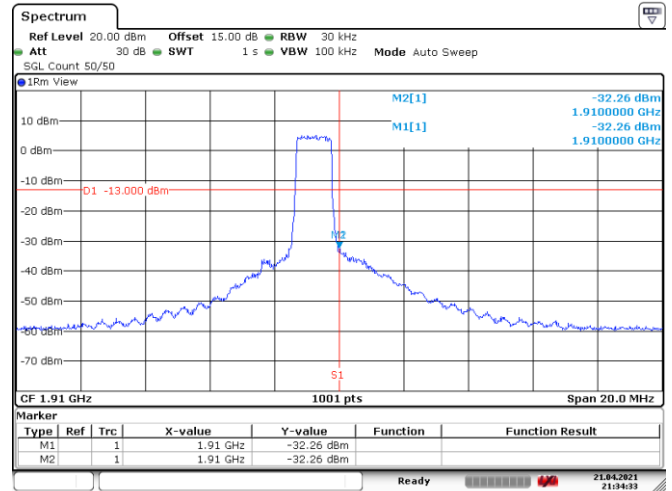
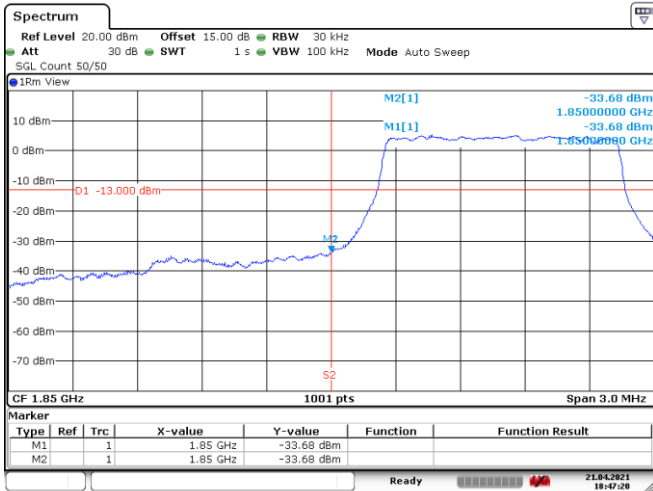
Channel_18625_1RB_Left

Channel_19175_1RB_Right



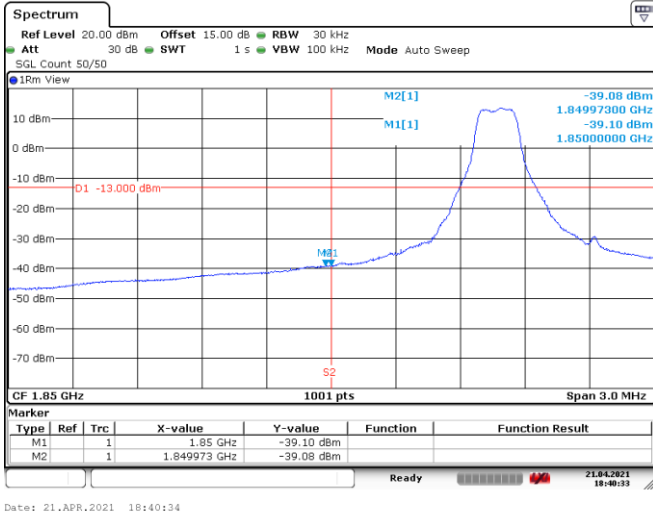
Channel_18625_6RB

Channel_19175_6RB

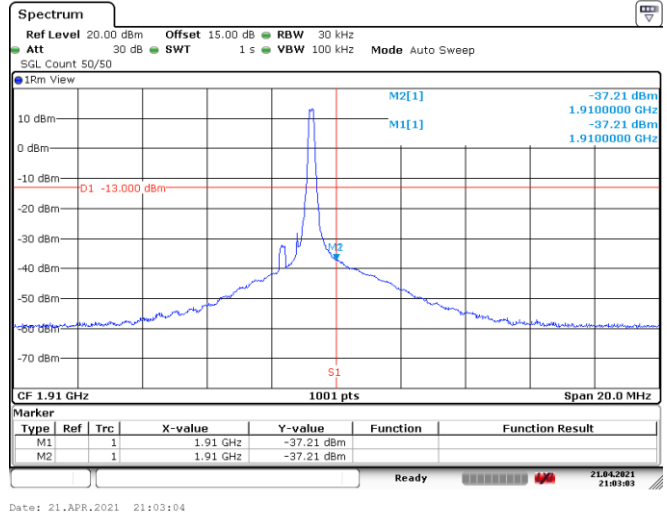


LTE Band 2_QPSK_Channel Bandwidth: 10 MHz

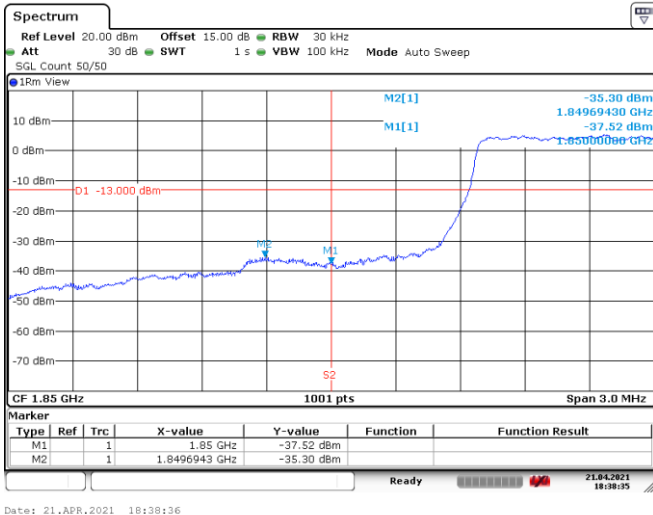
Channel_18650_1RB_Left



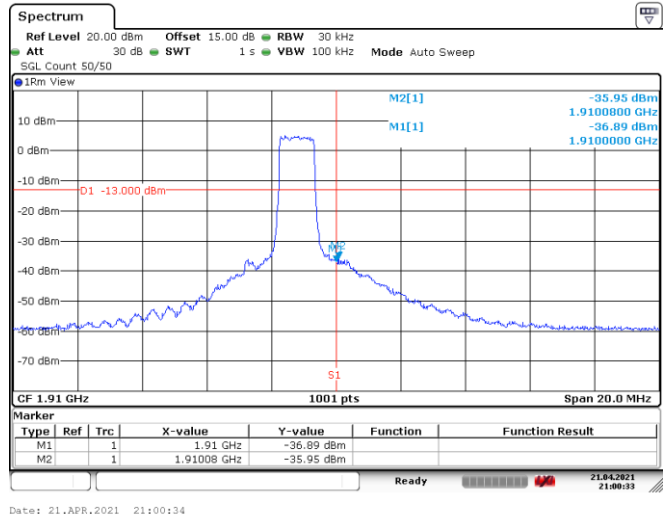
Channel_19150_1RB_Right



Channel_18650_6RB

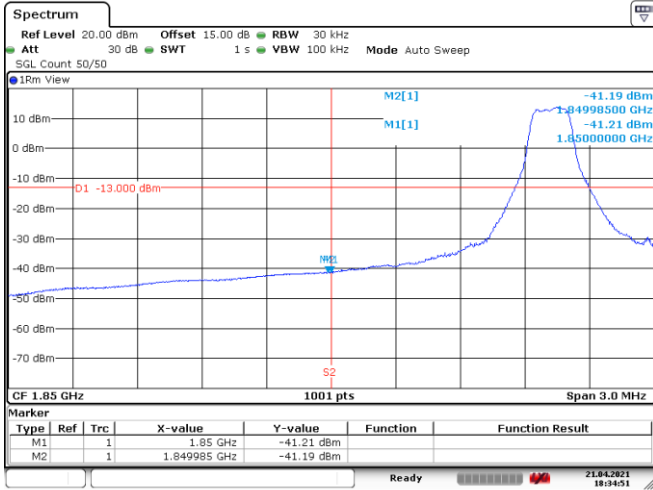


Channel_19150_6RB

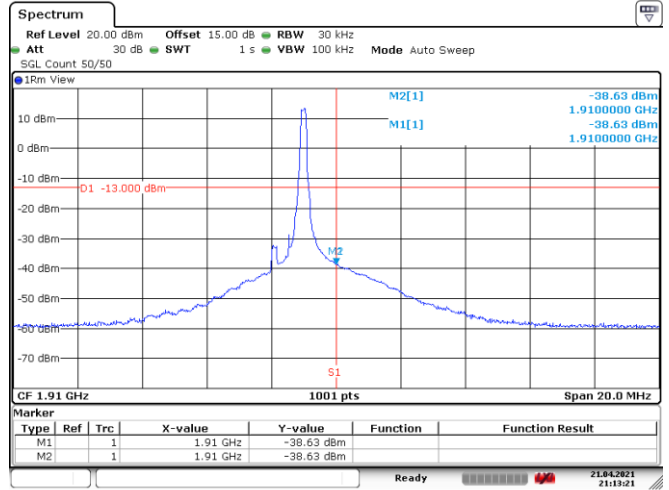


LTE Band 2_QPSK_Channel Bandwidth: 15 MHz

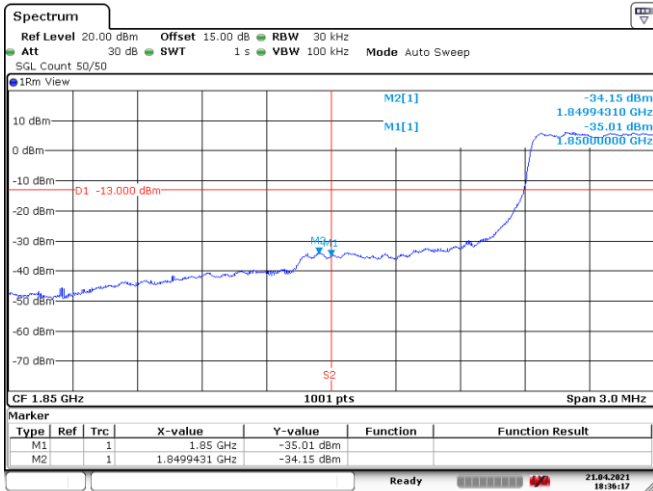
Channel_18675_1RB_Left



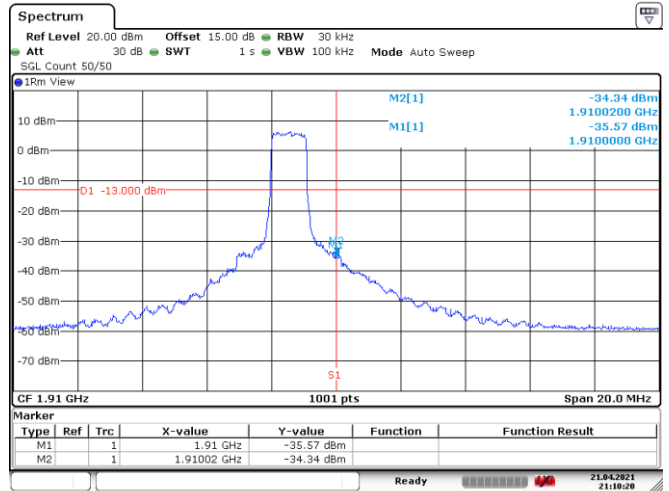
Channel_19125_1RB_Right



Channel_18675_6RB

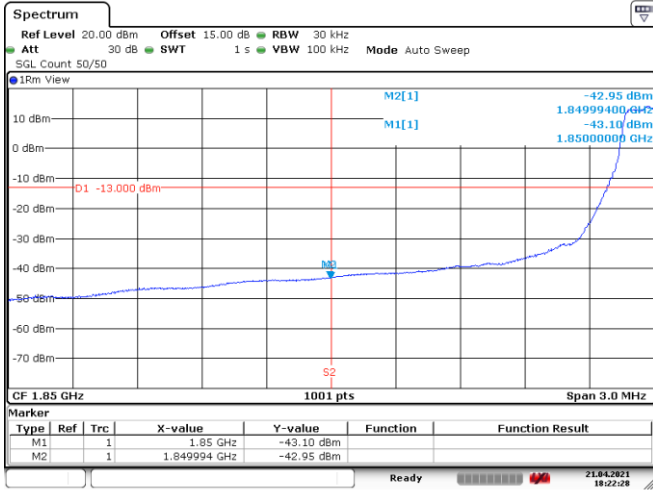


Channel_19125_6RB



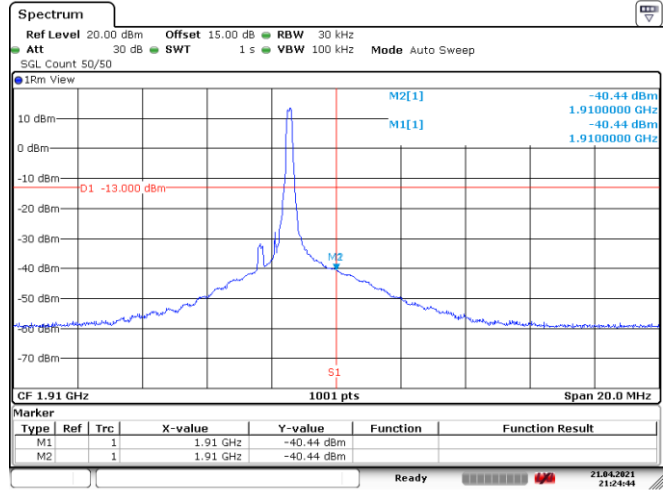
LTE Band 2_QPSK_Channel Bandwidth: 20 MHz

Channel_18700_1RB_Left



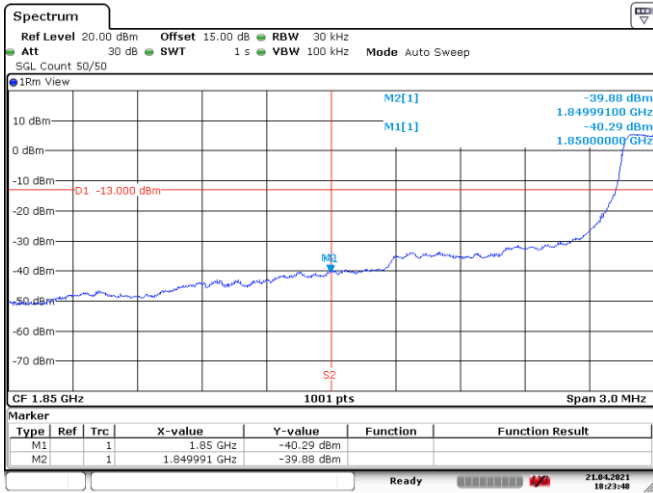
Date: 21.APR.2021 18:22:28

Channel_19100_1RB_Right



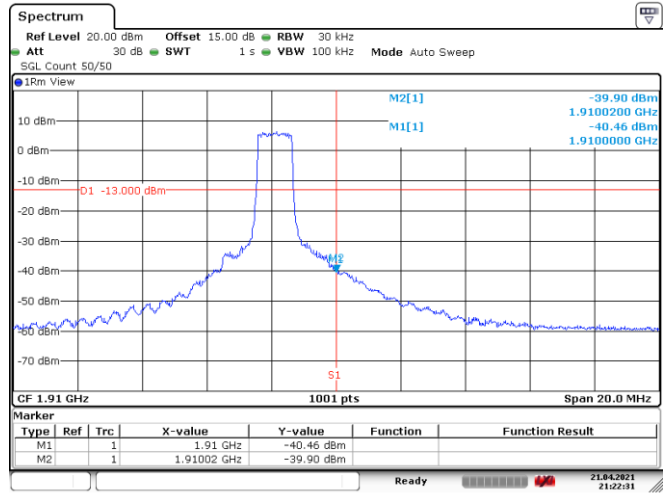
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Channel_18700_FULL RB



Date: 21.APR.2021 18:23:49

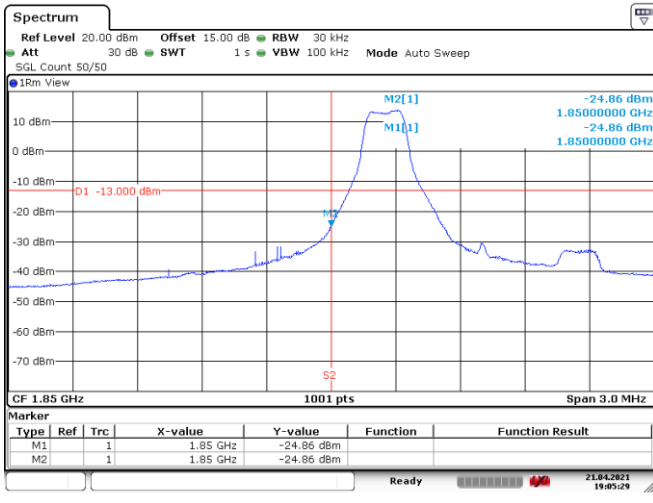
Channel_19100_FULL RB



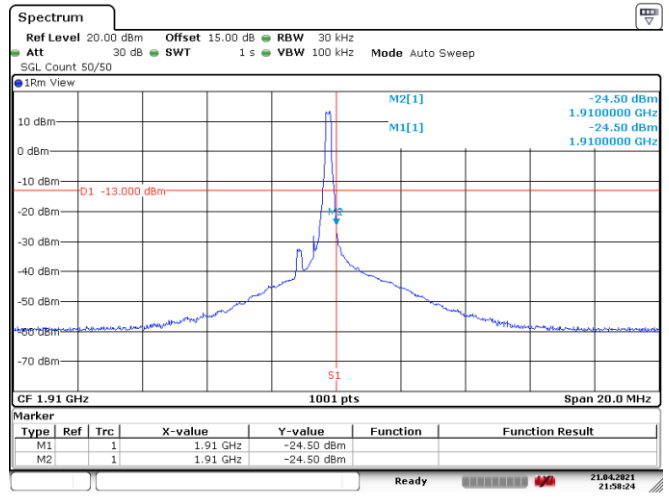
Date: 21.APR.2021 21:22:32

LTE Band 2_16QAM_Channel Bandwidth: 1.4 MHz

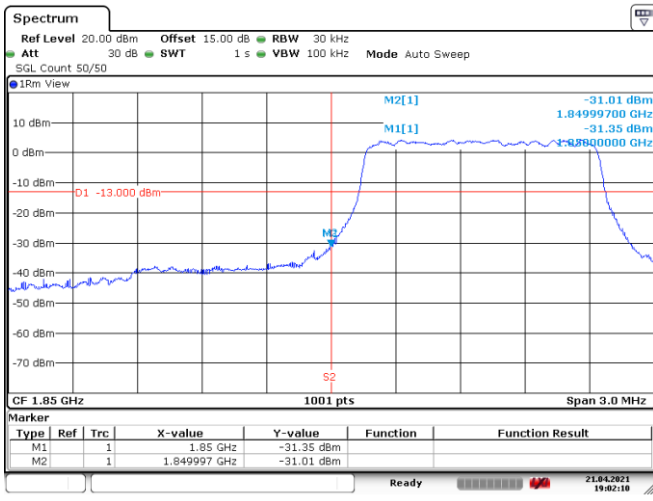
Channel_18607_1RB_Left



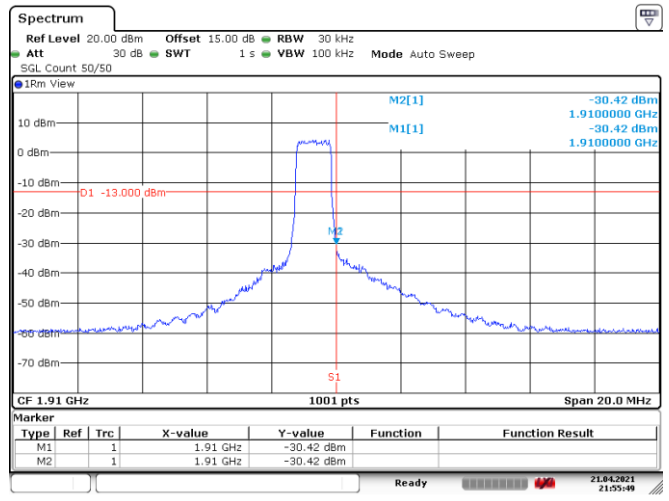
Channel_19193_1RB_Right



Channel_18607_6RB

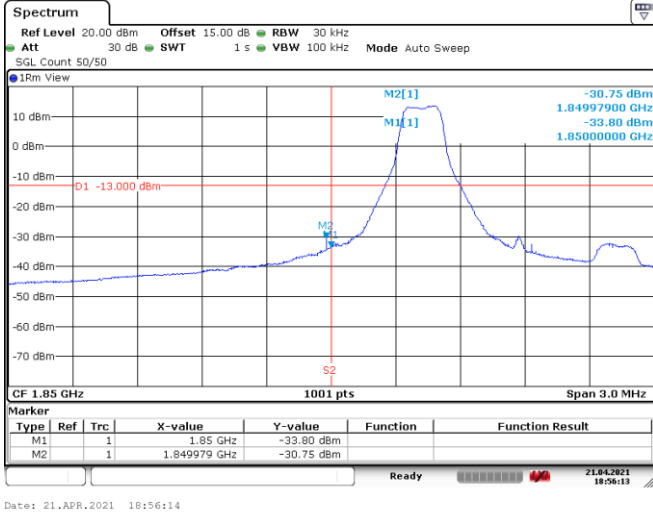


Channel_19193_6RB

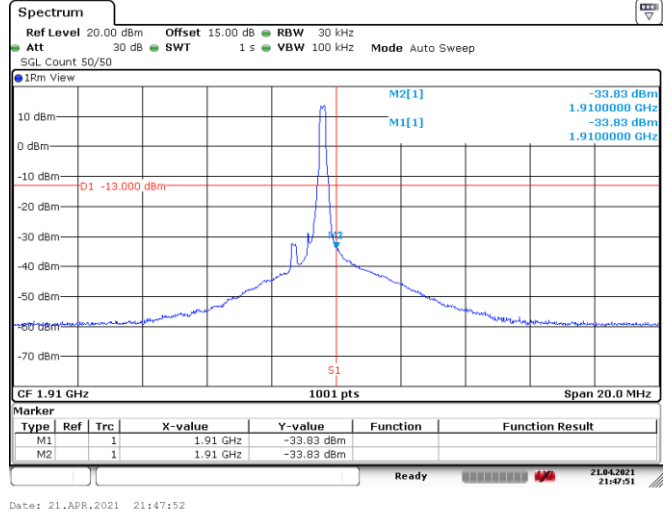


LTE Band 2_16QAM_Channel Bandwidth: 3 MHz

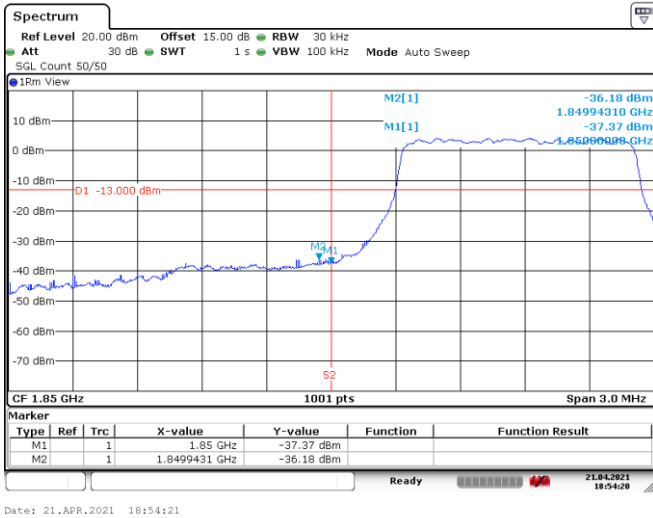
Channel_18615_1RB_Left



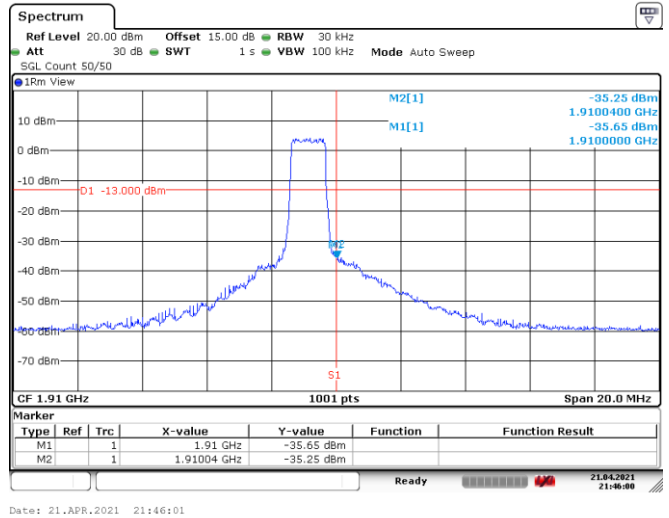
Channel_19185_1RB_Right



Channel_18615_6RB

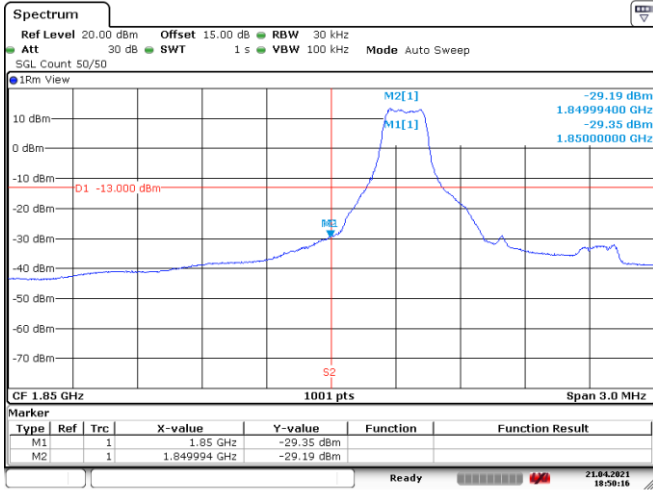


Channel_19185_6RB

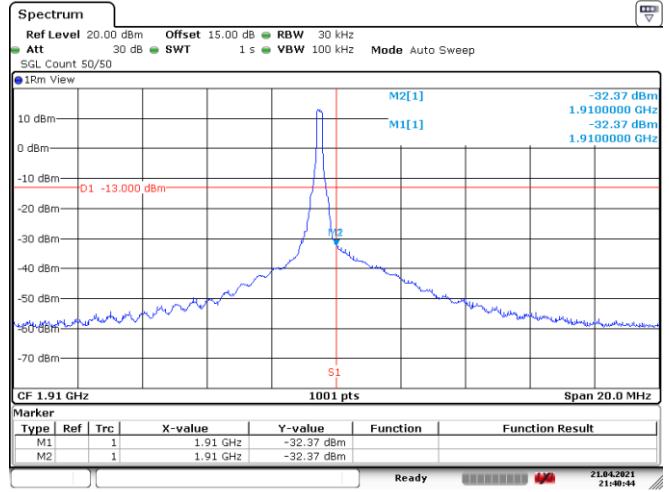


LTE Band 2_16QAM_Channel Bandwidth: 5 MHz

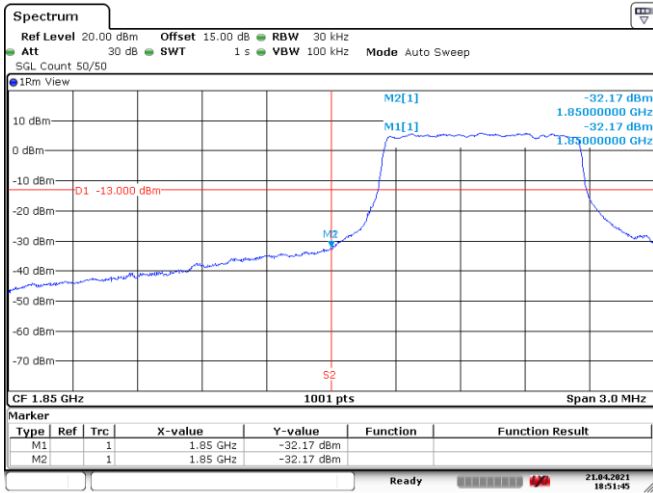
Channel_18625_1RB_Left



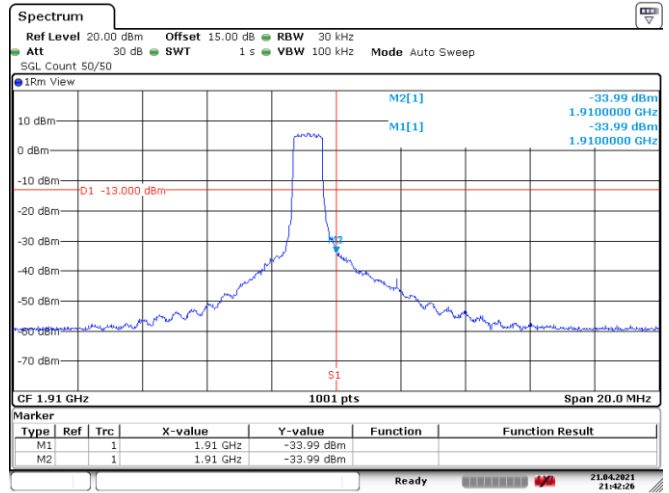
Channel_19175_1RB_Right



Channel_18625_6RB



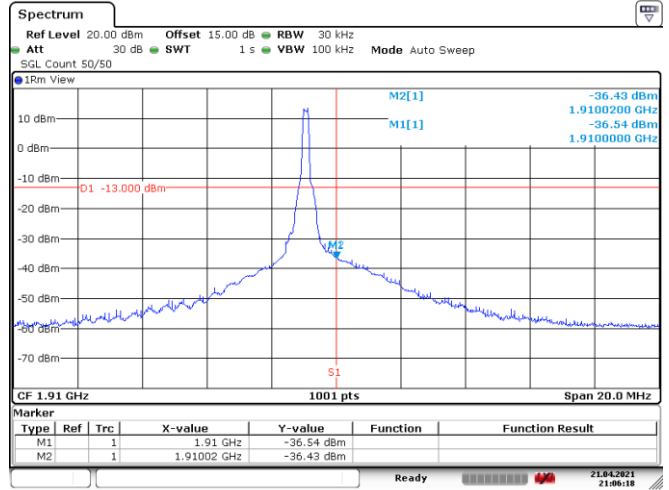
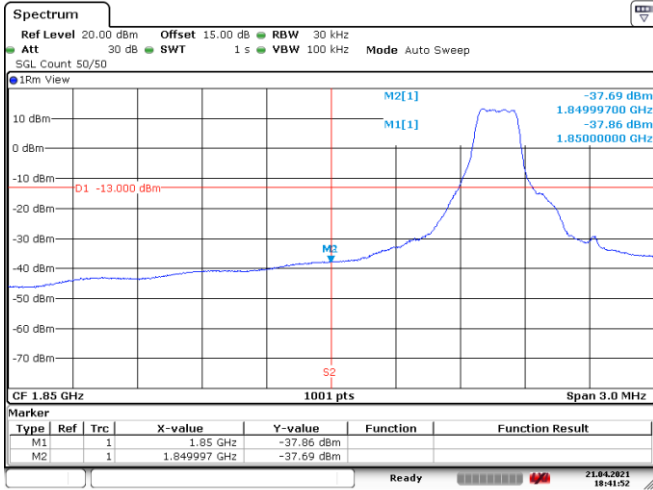
Channel_19175_6RB



LTE Band 2_16QAM_Channel Bandwidth: 10 MHz

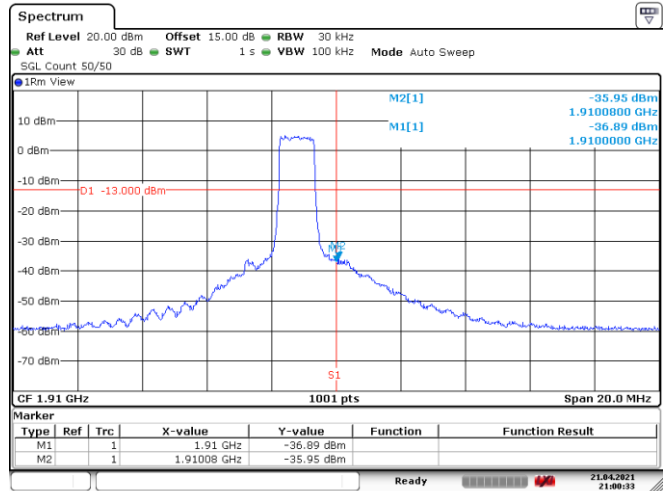
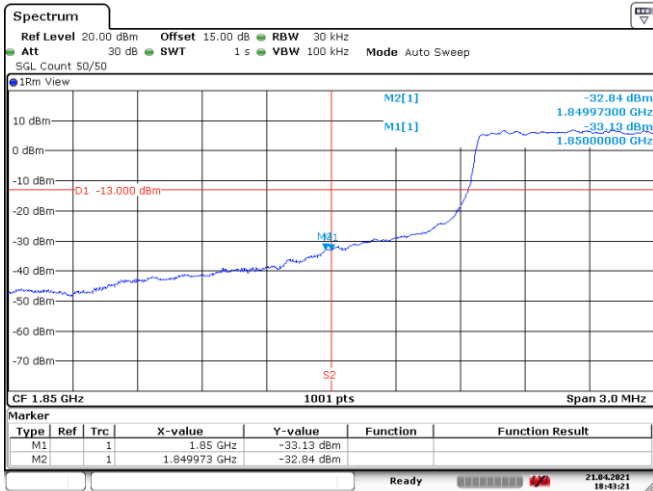
Channel_18650_1RB_Left

Channel_19150_1RB_Right



Channel_18650_6RB

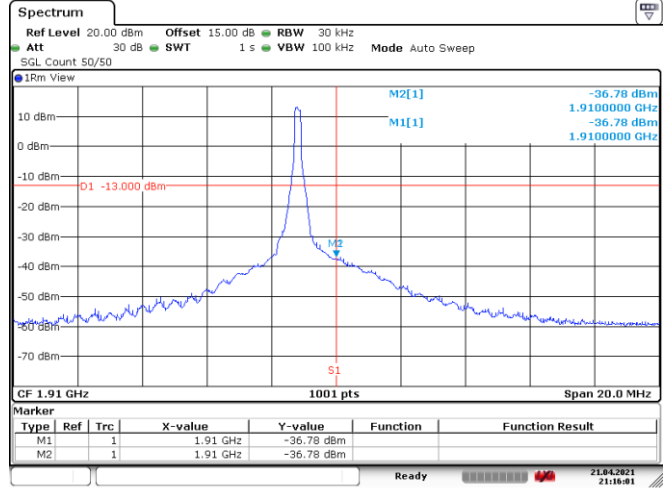
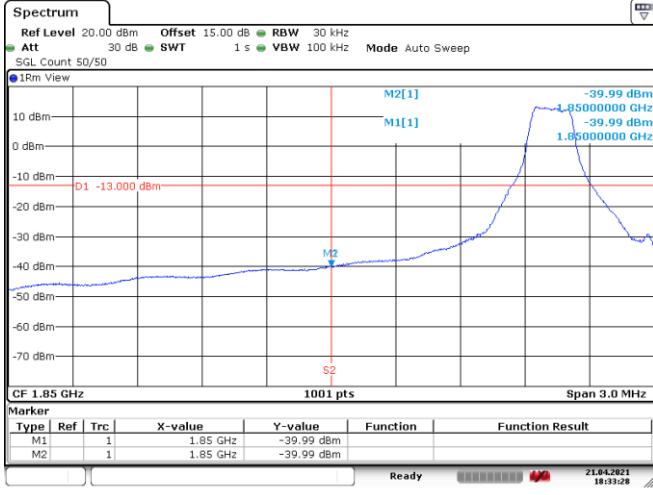
Channel_19150_6RB



LTE Band 2_16QAM_Channel Bandwidth: 15 MHz

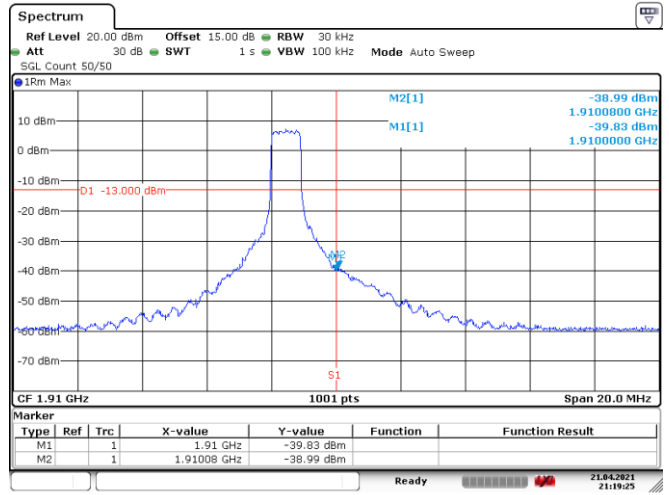
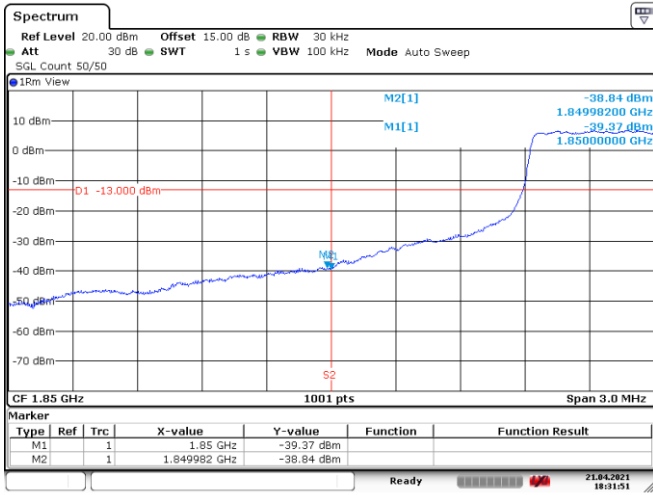
Channel_18675_1RB_Left

Channel_19125_1RB_Right



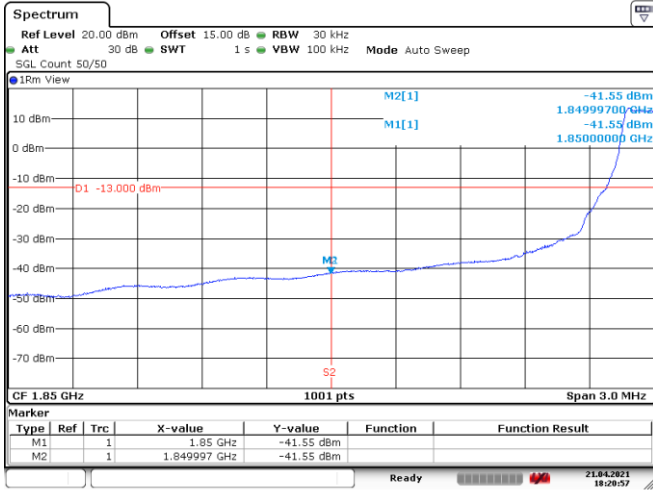
Channel_18675_6RB

Channel_19125_6RB

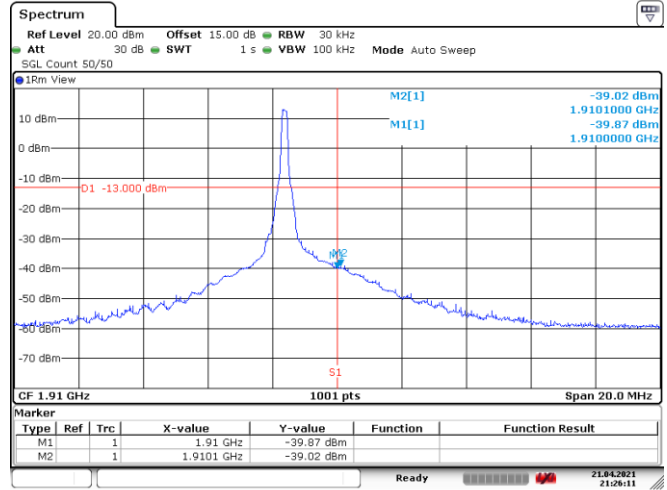


LTE Band 2_16QAM_Channel Bandwidth: 20 MHz

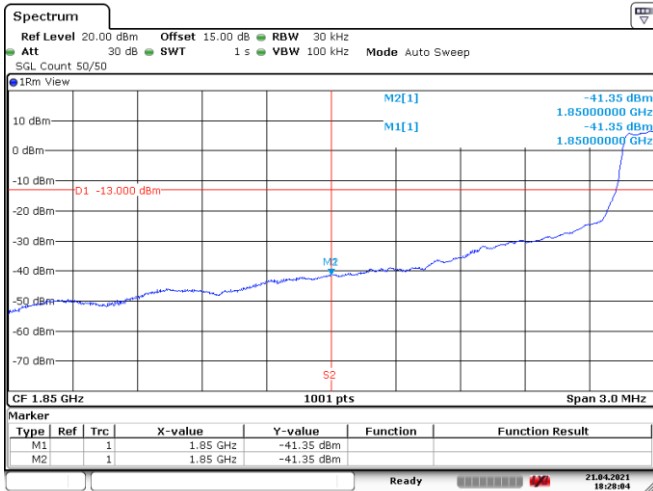
Channel_18700_1RB_Left



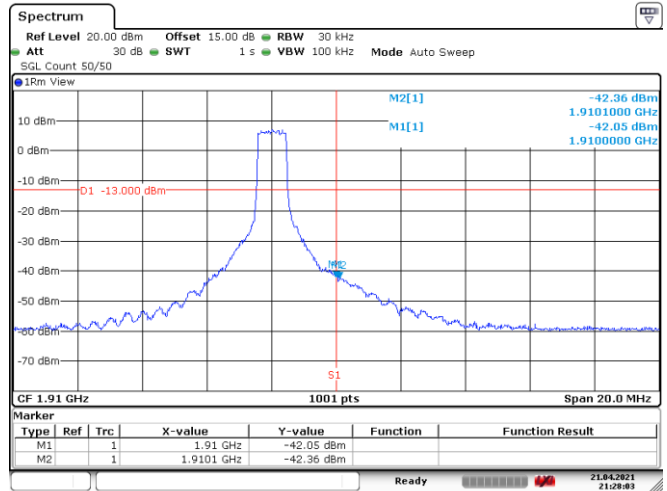
Channel_19100_1RB_Right



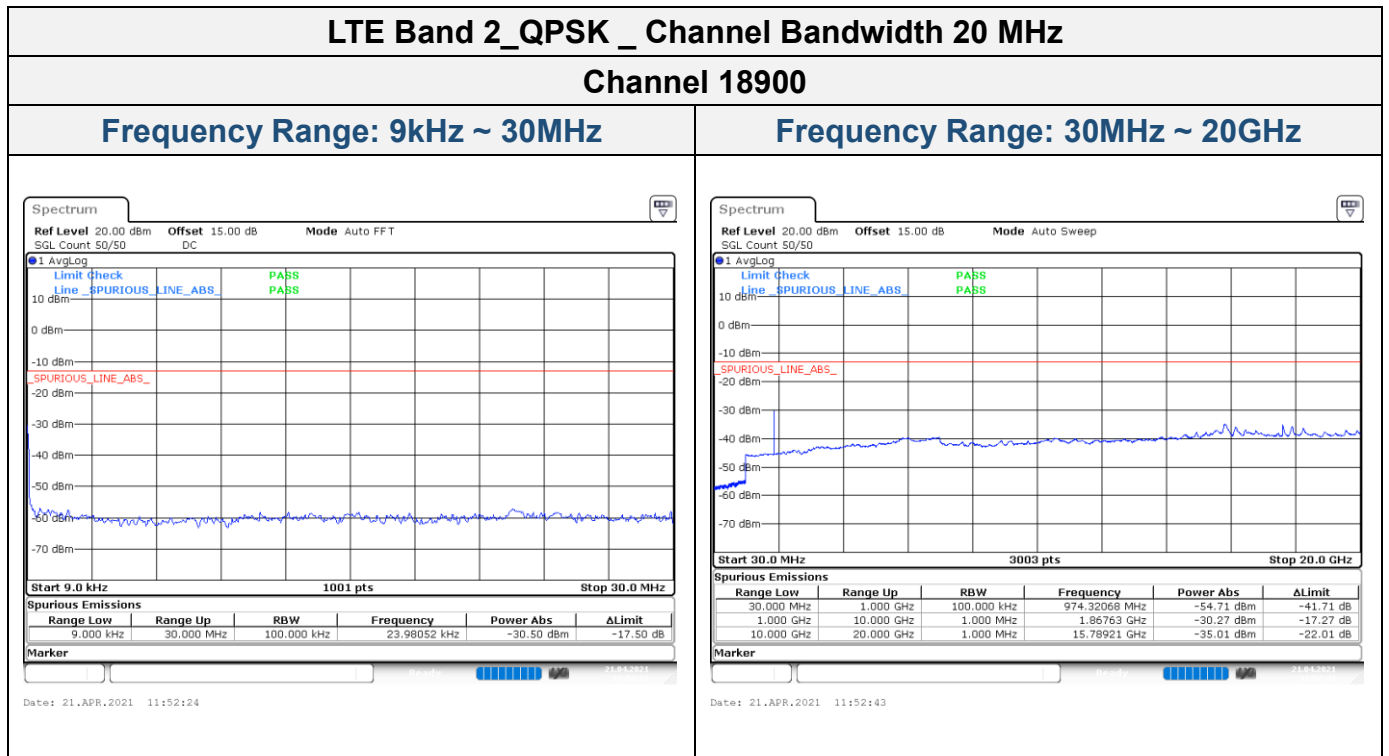
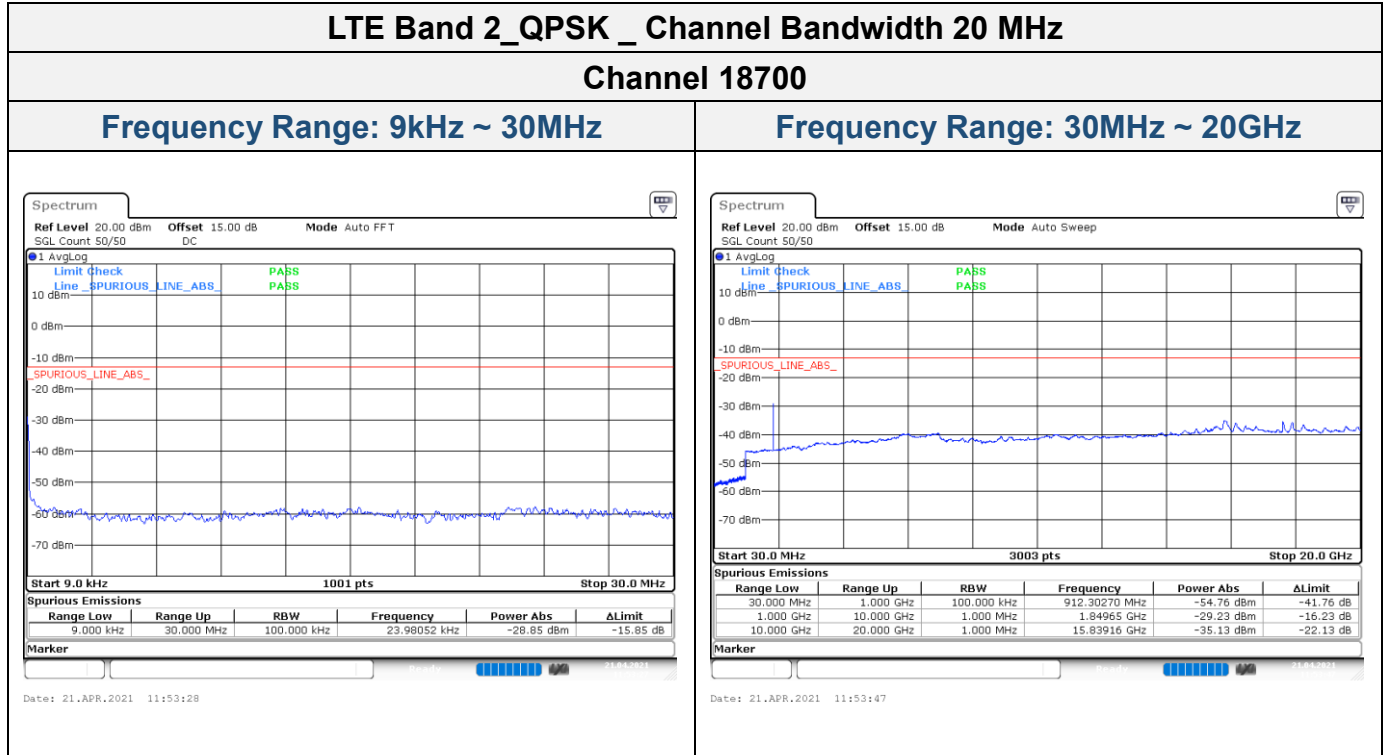
Channel_18700_FULL RB



Channel_19100_FULL RB



Conducted Spurious Emission

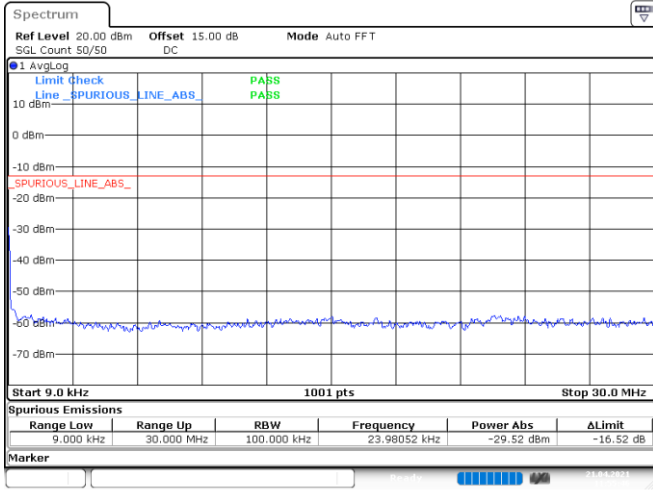


LTE Band 2_QPSK_ Channel Bandwidth 20 MHz

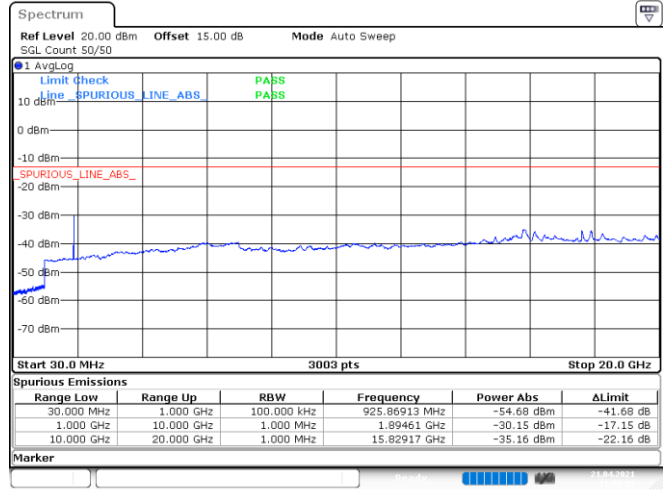
Channel 19100

Frequency Range: 9kHz ~ 30MHz

Frequency Range: 30MHz ~ 20GHz



Date: 21.APR.2021 11:55:46

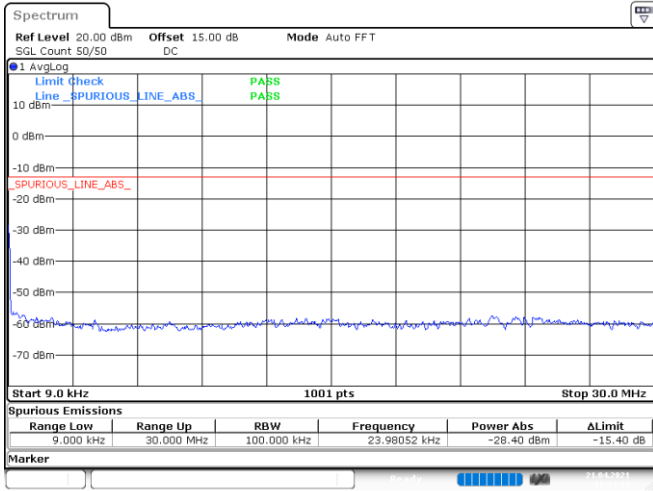


Date: 21.APR.2021 11:56:05

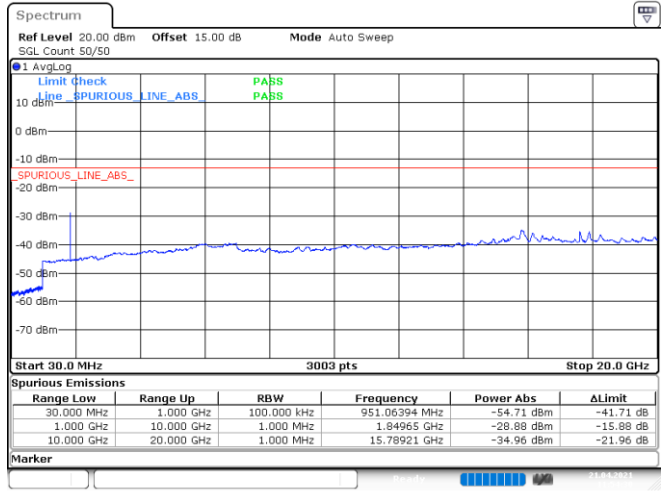
LTE Band 2_16QAM_ Channel Bandwidth 20 MHz

Channel 18700

Frequency Range: 9kHz ~ 30MHz



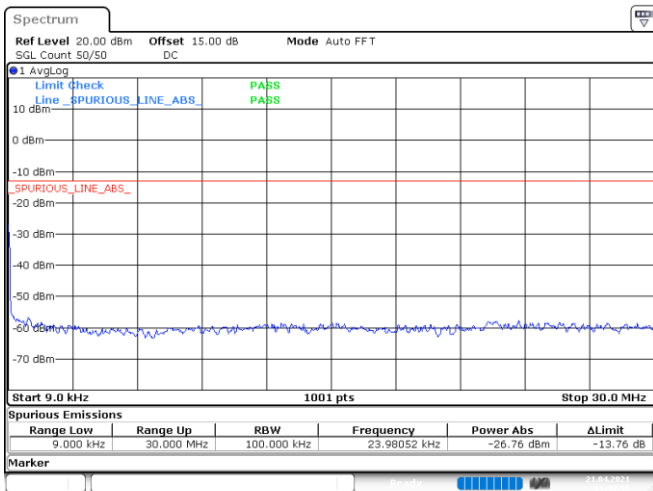
Frequency Range: 30MHz ~ 20GHz



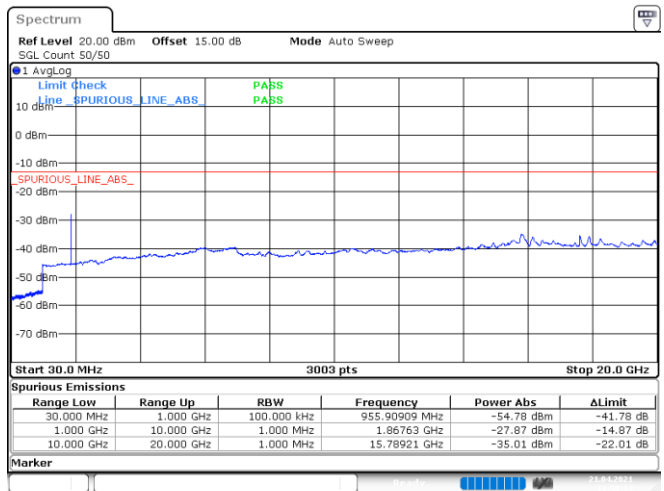
LTE Band 2_16QAM_ Channel Bandwidth 20 MHz

Channel 18900

Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 20GHz

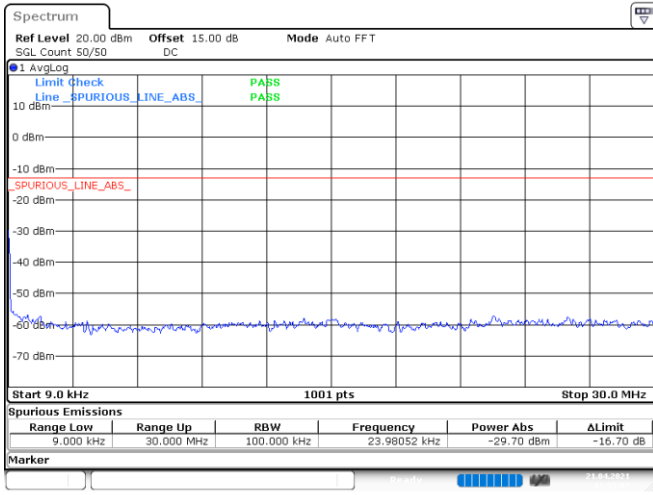


LTE Band 2_16QAM_ Channel Bandwidth 20 MHz

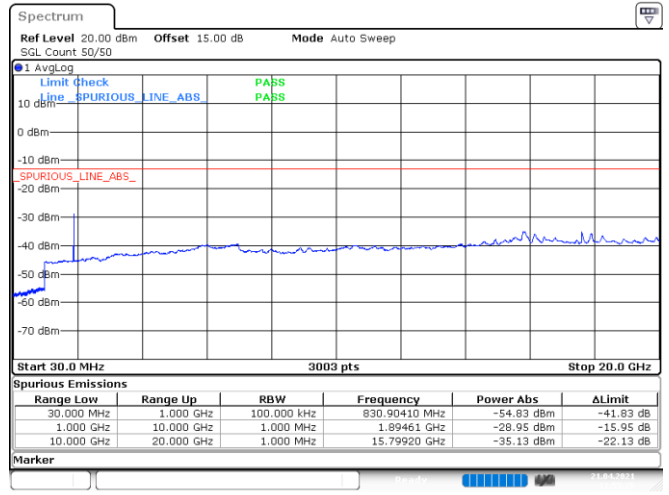
Channel 19100

Frequency Range: 9kHz ~ 30MHz

Frequency Range: 30MHz ~ 20GHz



Date: 21.APR.2021 11:55:08



Date: 21.APR.2021 11:55:27

Appendix B: Test Results of Radiated Spurious Emissions

LTE Band II Link Mode, 30MHz ~ 10th

Channel 18700																																																																																									
Horizontal	Vertical																																																																																								
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: 8px;"> TÜV Rheinland Taiwan Ltd. No. 438-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel: +886-2172-1000 Fax: +886-2172-1322 </div> </div> <div style="text-align: right; font-size: 8px; margin-top: 10px;">Date: 2021-04-26</div> <table border="1" style="width: 100%; font-size: 8px; margin-top: 10px;"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Read</th> <th>Level</th> <th>Factor</th> <th>Limit</th> <th>Over</th> <th>Limit</th> <th>Remark</th> <th>Pol/Phase</th> <th>Note</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3782.98</td> <td>-38.51</td> <td>-37.37</td> <td>-1.14</td> <td>-13.00</td> <td>-25.51</td> <td>Peak</td> <td></td> <td>Horizontal</td> <td></td> </tr> <tr> <td>2</td> <td>5554.35</td> <td>-39.74</td> <td>-42.41</td> <td>2.67</td> <td>-13.00</td> <td>-26.74</td> <td>Peak</td> <td></td> <td>Horizontal</td> <td></td> </tr> </tbody> </table>	Freq	Level	Read	Level	Factor	Limit	Over	Limit	Remark	Pol/Phase	Note	MHz	dBm	dBm	dB	dB	dBm	dB	dB				1	3782.98	-38.51	-37.37	-1.14	-13.00	-25.51	Peak		Horizontal		2	5554.35	-39.74	-42.41	2.67	-13.00	-26.74	Peak		Horizontal		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: 8px;"> TÜV Rheinland Taiwan Ltd. No. 438-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel: +886-2172-1000 Fax: +886-2172-1322 </div> </div> <div style="text-align: right; font-size: 8px; margin-top: 10px;">Date: 2021-04-26</div> <table border="1" style="width: 100%; font-size: 8px; margin-top: 10px;"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Read</th> <th>Level</th> <th>Factor</th> <th>Limit</th> <th>Over</th> <th>Limit</th> <th>Remark</th> <th>Pol/Phase</th> <th>Note</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3782.98</td> <td>-39.88</td> <td>-39.09</td> <td>-0.71</td> <td>-13.00</td> <td>-26.88</td> <td>Peak</td> <td></td> <td>Vertical</td> <td></td> </tr> <tr> <td>2</td> <td>5554.35</td> <td>-41.49</td> <td>-43.88</td> <td>2.31</td> <td>-13.00</td> <td>-28.49</td> <td>Peak</td> <td></td> <td>Vertical</td> <td></td> </tr> </tbody> </table>	Freq	Level	Read	Level	Factor	Limit	Over	Limit	Remark	Pol/Phase	Note	MHz	dBm	dBm	dB	dB	dBm	dB	dB				1	3782.98	-39.88	-39.09	-0.71	-13.00	-26.88	Peak		Vertical		2	5554.35	-41.49	-43.88	2.31	-13.00	-28.49	Peak		Vertical	
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