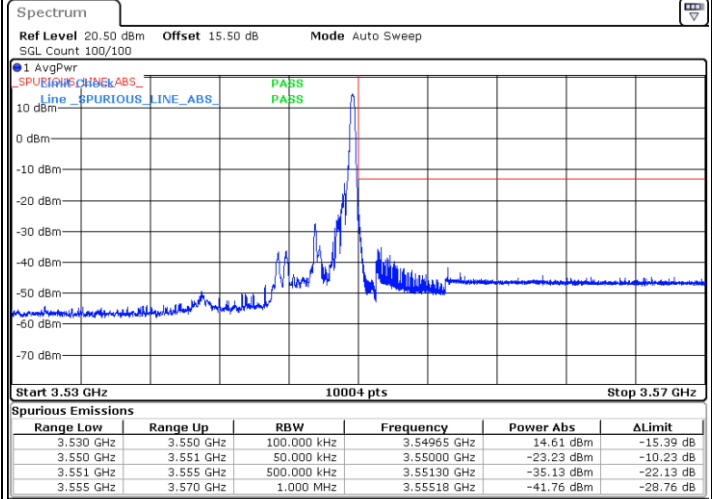
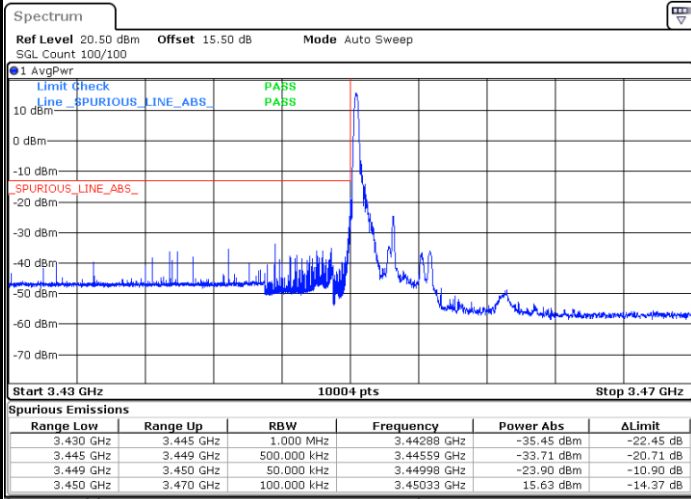




LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RBmax

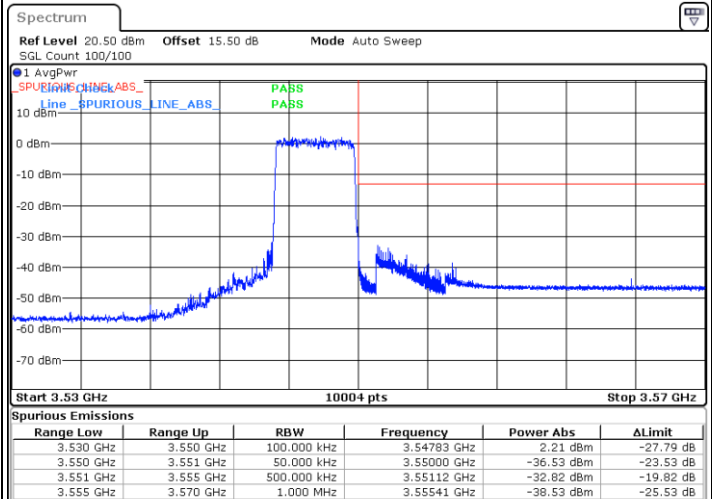
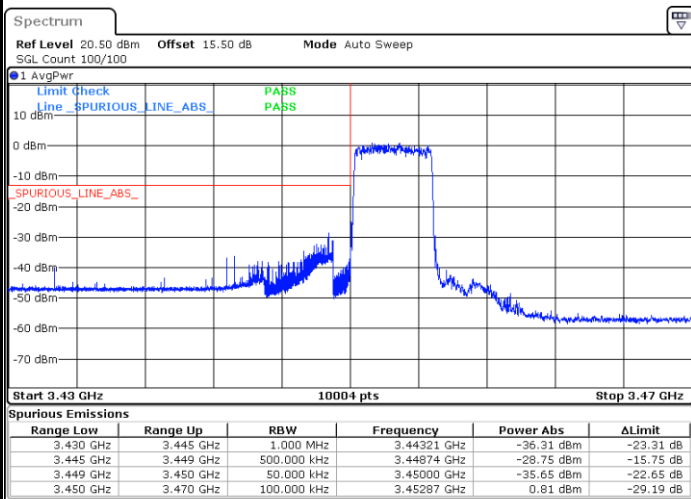


Date: 3.MAR.2023 21:09:20

Date: 3.MAR.2023 21:48:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 21:08:39

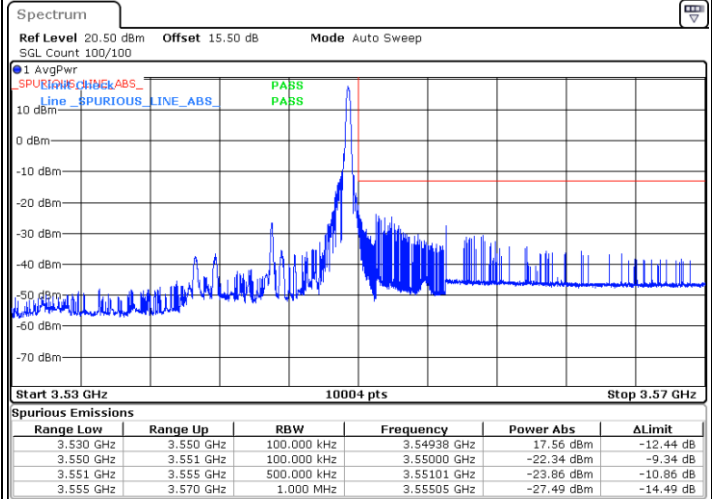
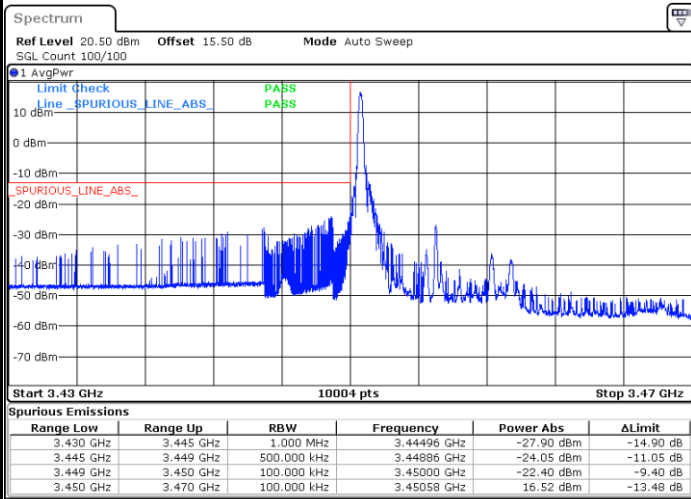
Date: 3.MAR.2023 21:51:51



LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax

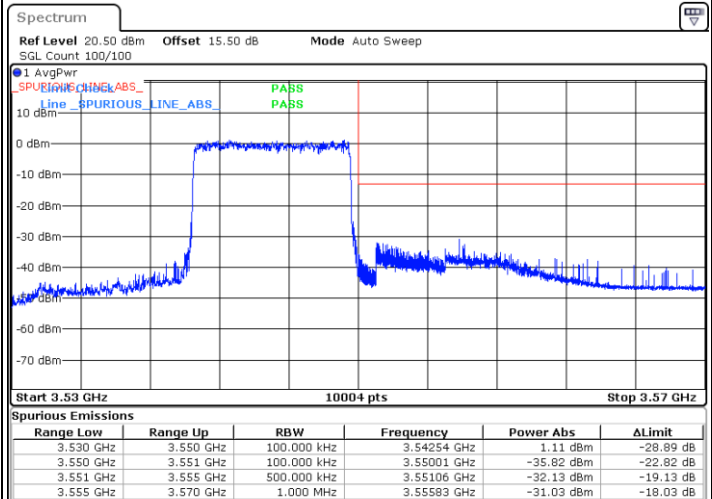
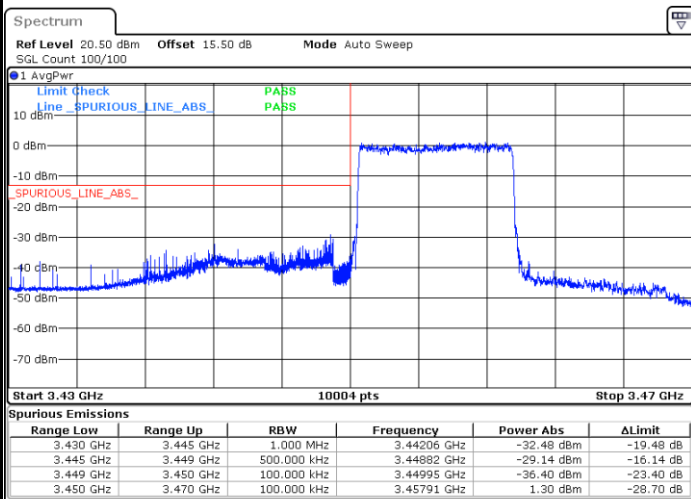


Date: 3.MAR.2023 21:54:41

Date: 3.MAR.2023 22:08:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 21:53:59

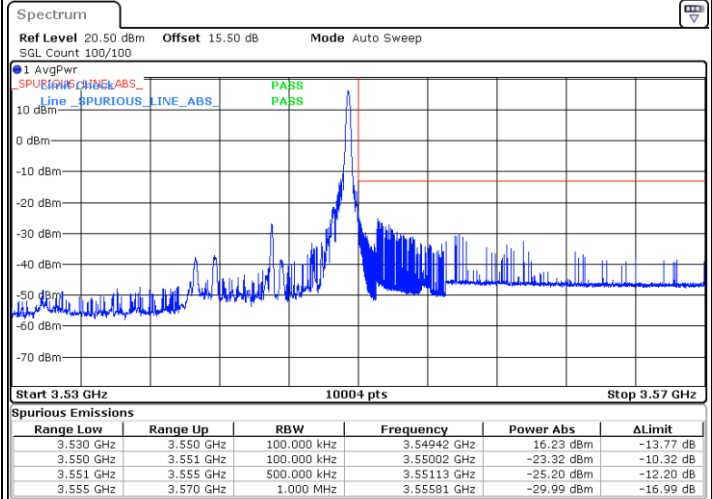
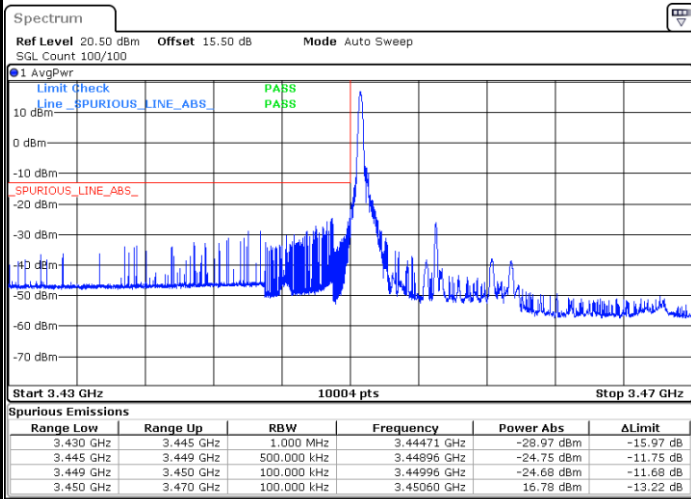
Date: 3.MAR.2023 22:11:58



LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax

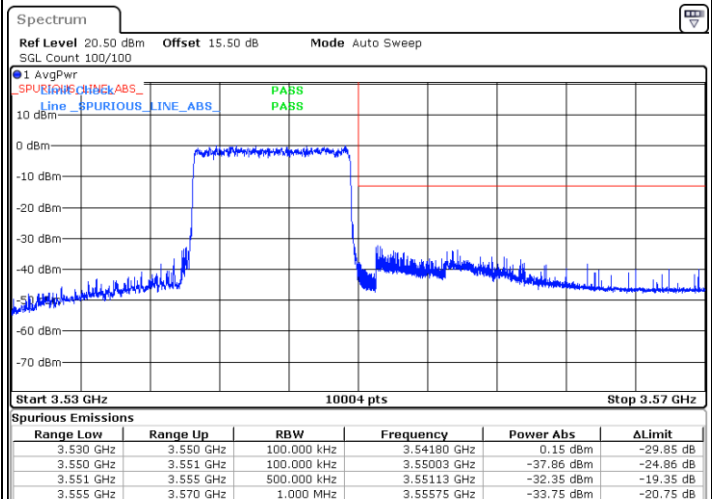
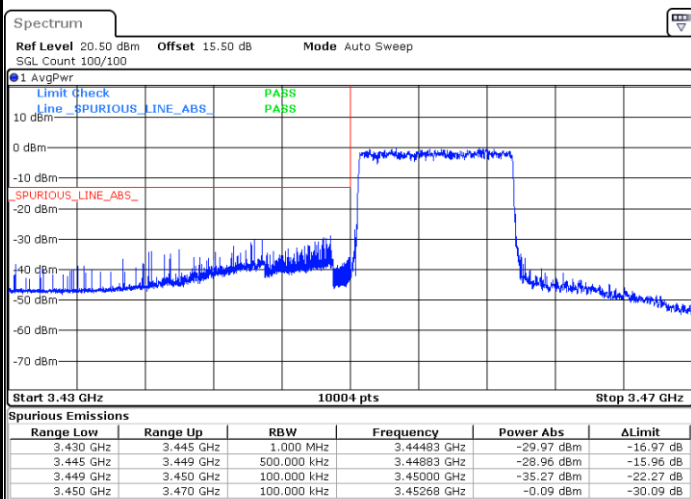


Date: 3.MAR.2023 21:55:24

Date: 3.MAR.2023 22:09:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 21:53:16

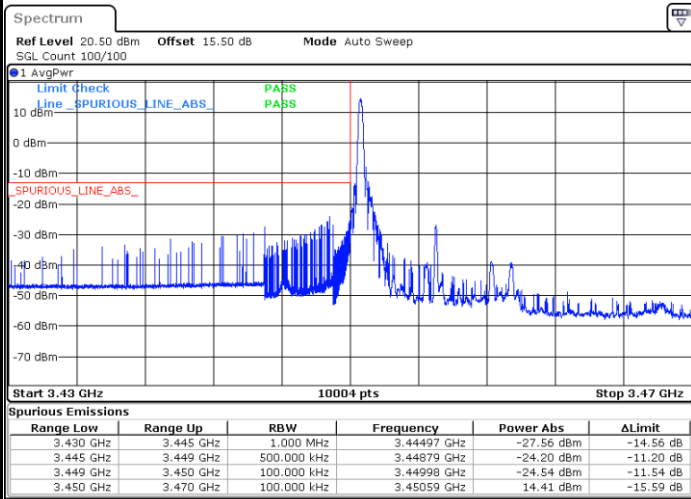
Date: 3.MAR.2023 22:11:16



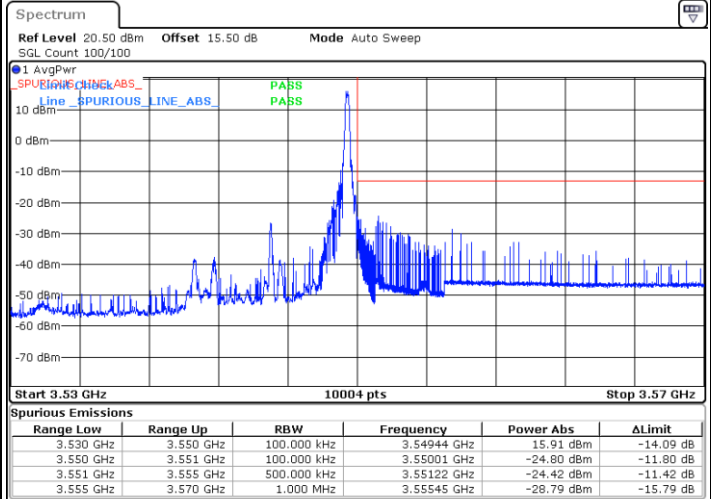
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax



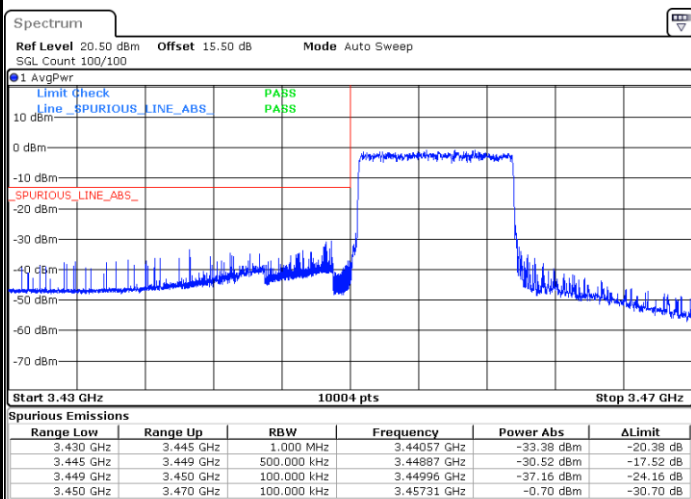
Date: 3.MAR.2023 21:56:06



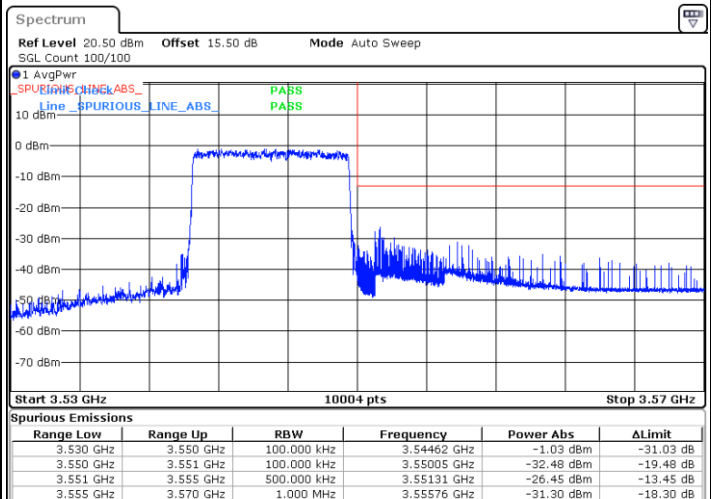
Date: 3.MAR.2023 22:09:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 21:52:34



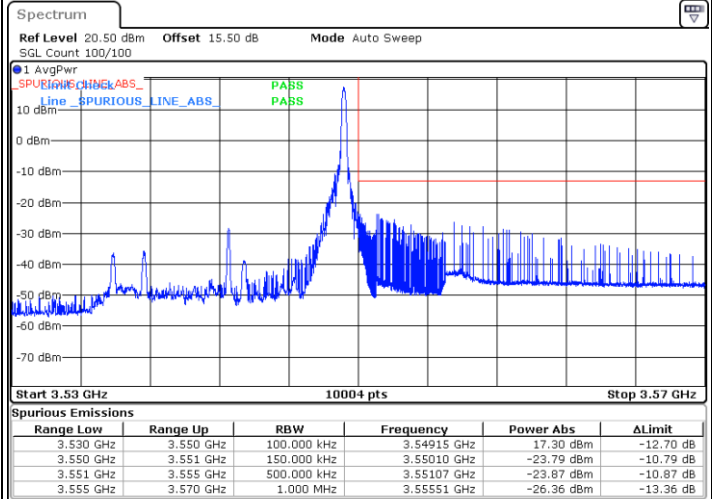
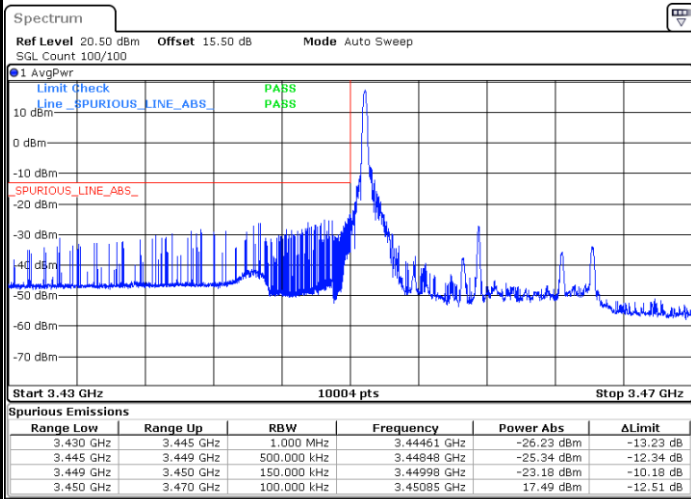
Date: 3.MAR.2023 22:10:33



LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax

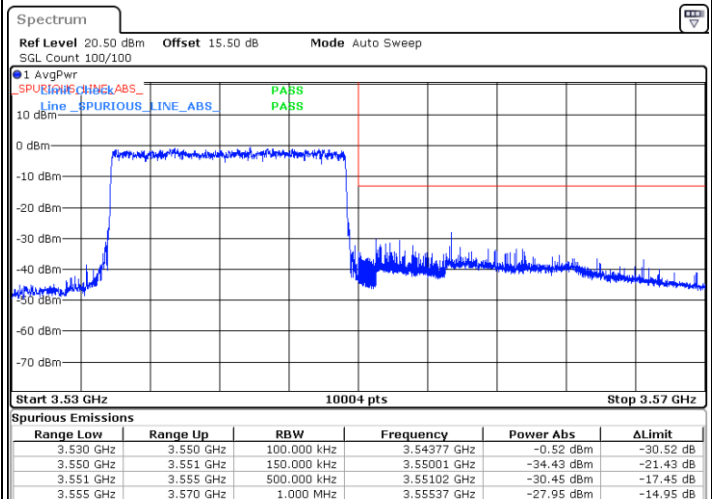
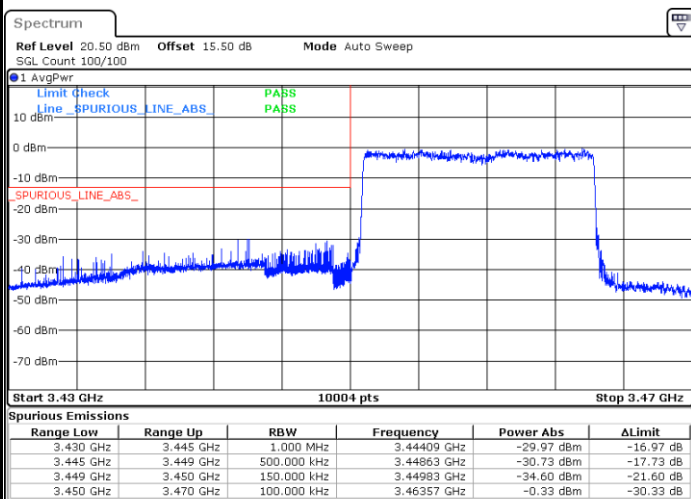


Date: 3.MAR.2023 22:16:14

Date: 3.MAR.2023 22:29:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 22:12:41

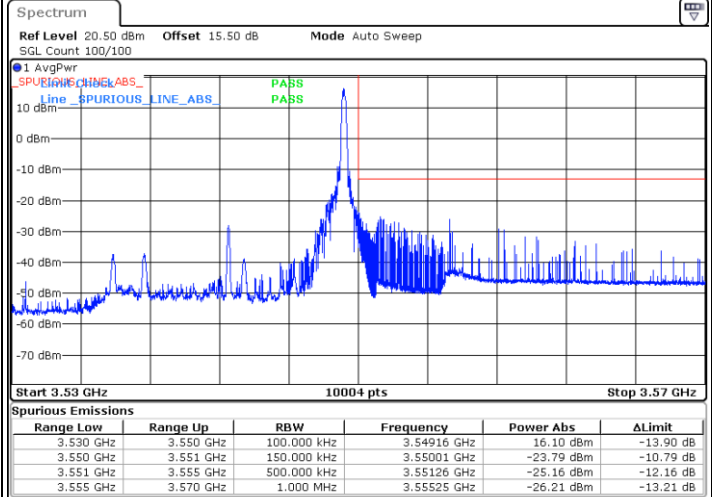
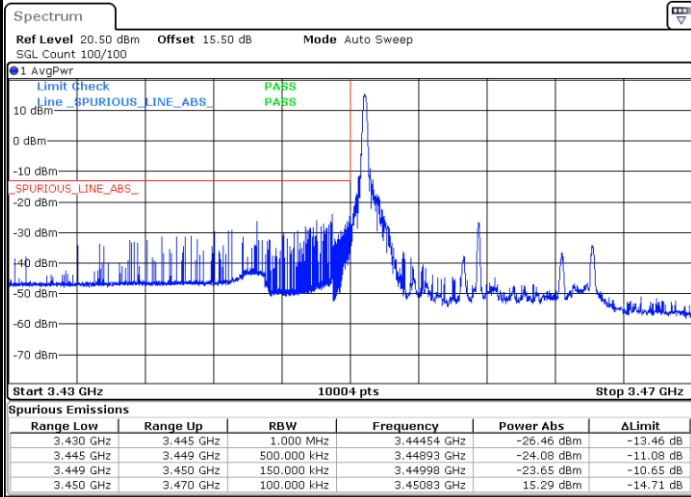
Date: 3.MAR.2023 22:30:40



LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax

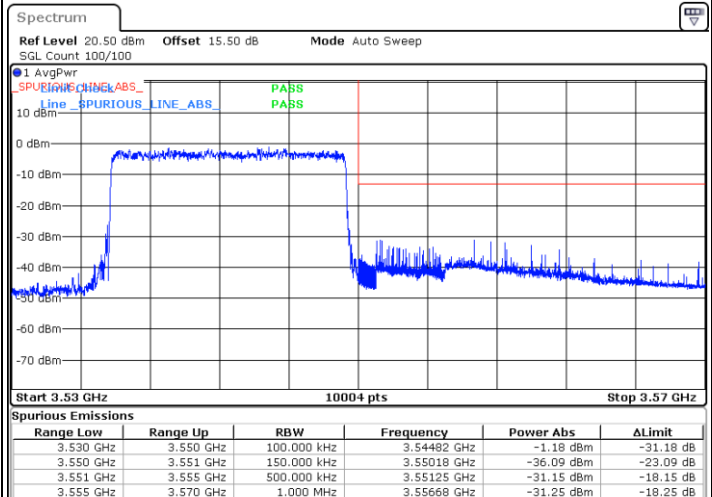
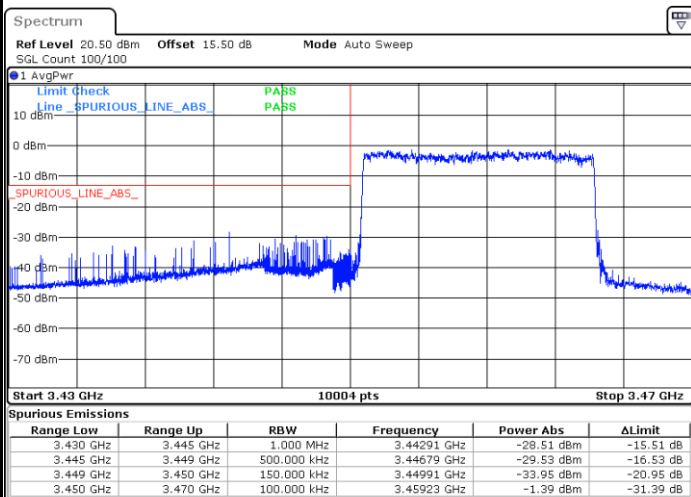


Date: 3.MAR.2023 22:15:31

Date: 3.MAR.2023 22:29:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 22:13:24

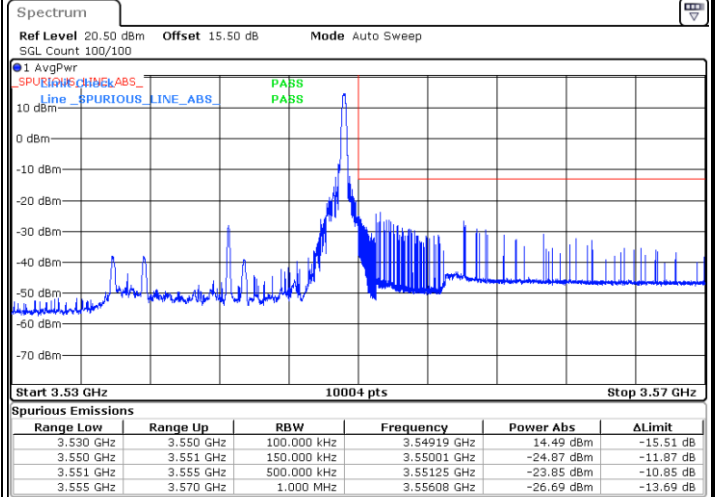
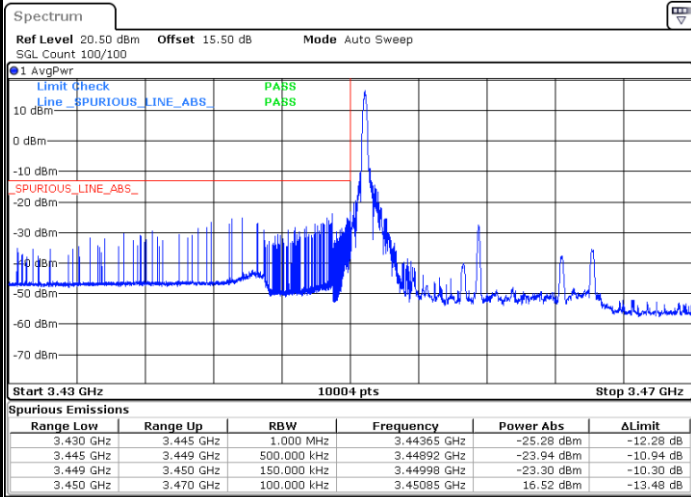
Date: 3.MAR.2023 22:31:22



LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax

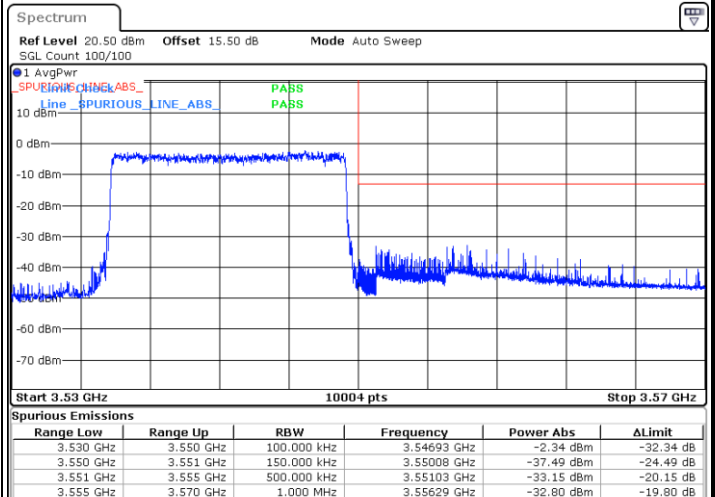
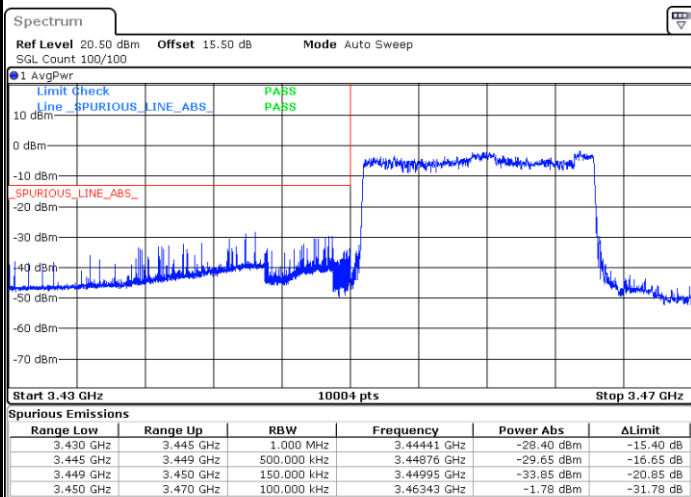


Date: 3.MAR.2023 22:14:49

Date: 3.MAR.2023 22:28:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 22:14:07

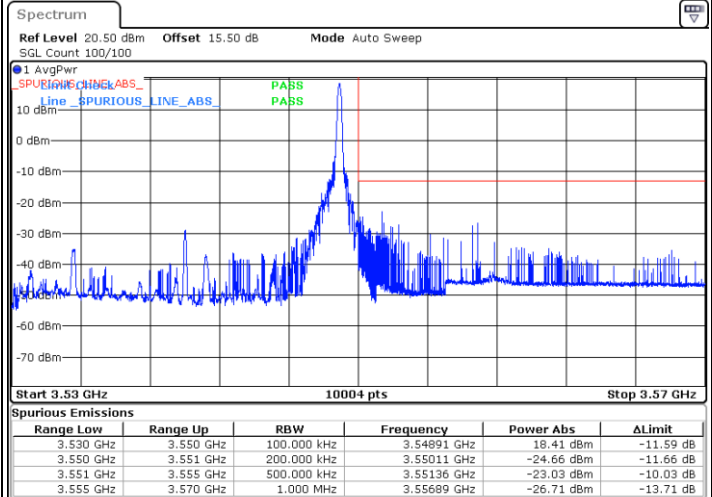
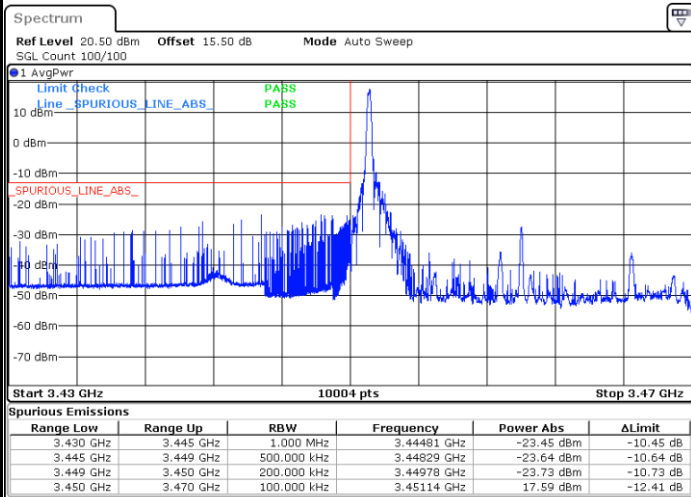
Date: 3.MAR.2023 22:32:05



LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RBmax

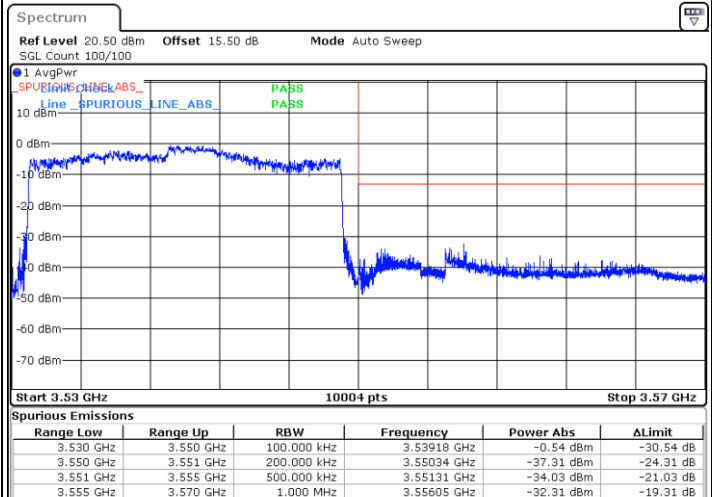
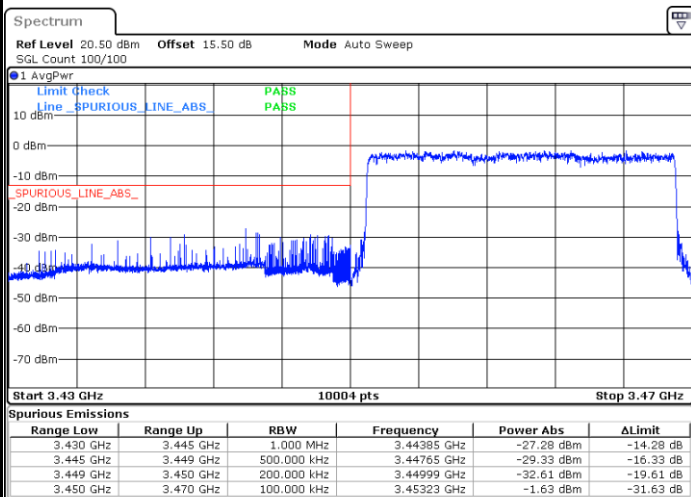


Date: 3.MAR.2023 22:34:55

Date: 3.MAR.2023 22:48:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 22:34:13

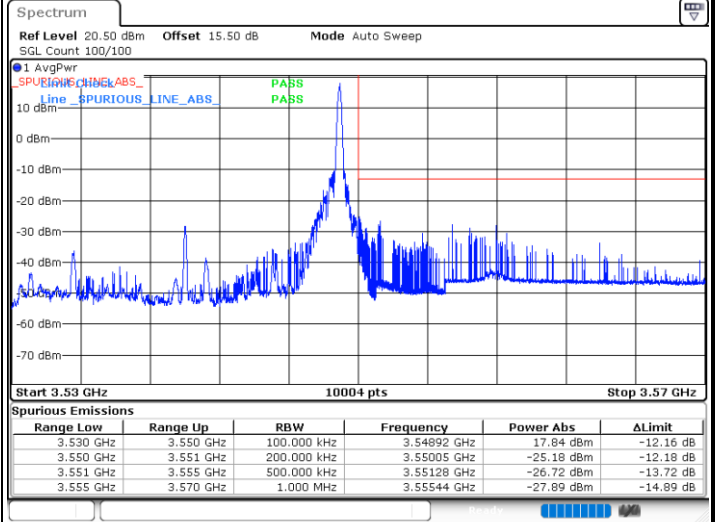
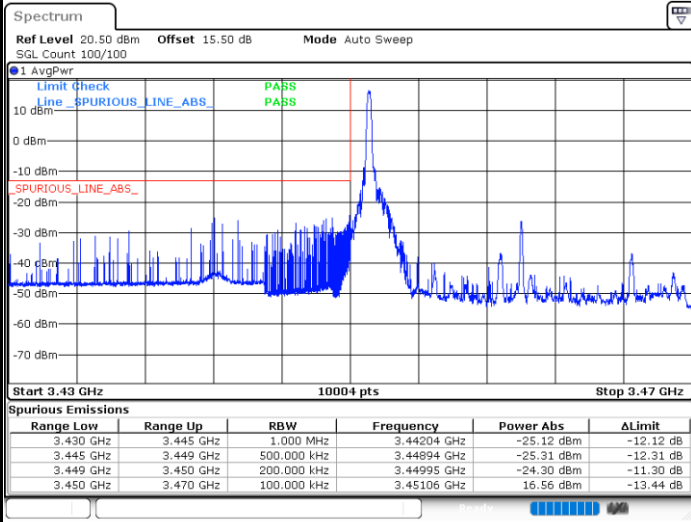
Date: 3.MAR.2023 22:52:11



LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1RBmax

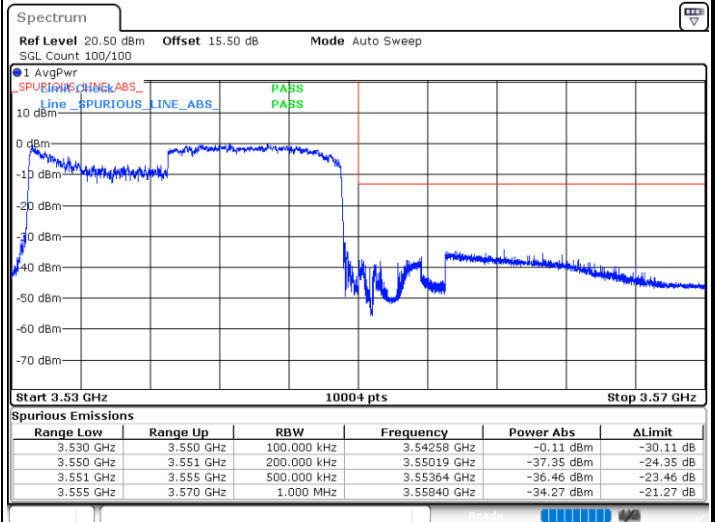
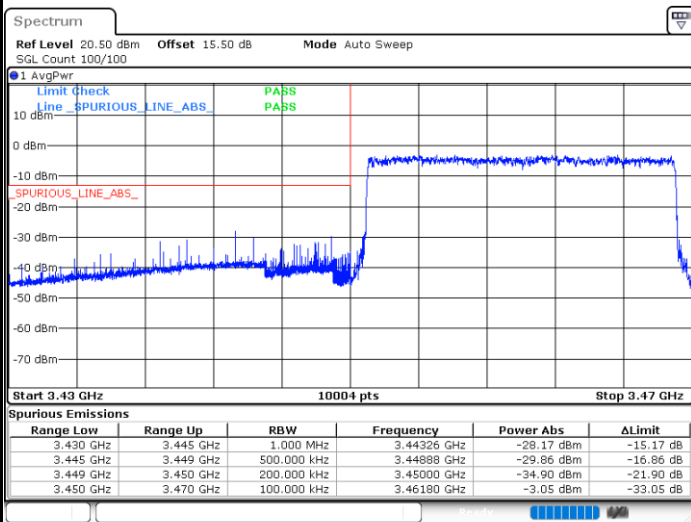


Date: 3.MAR.2023 22:35:38

Date: 3.MAR.2023 22:49:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.MAR.2023 22:33:30

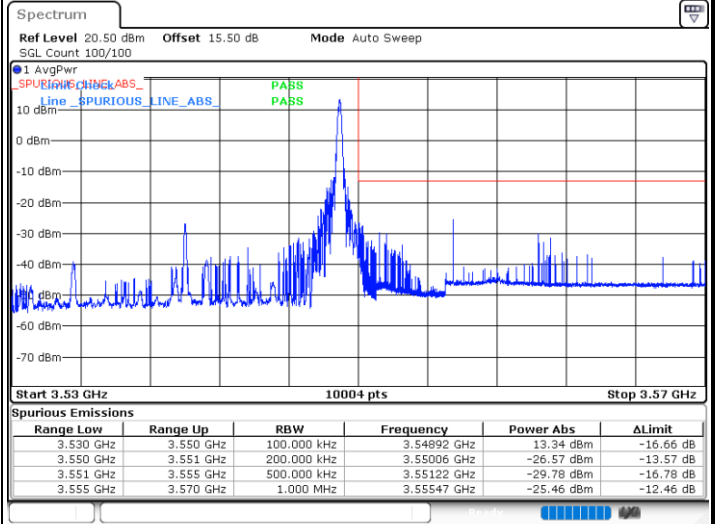
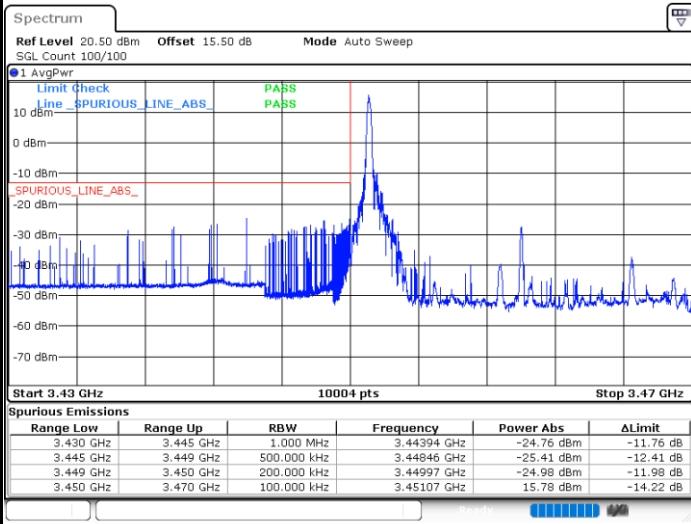
Date: 3.MAR.2023 22:51:29



LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB max

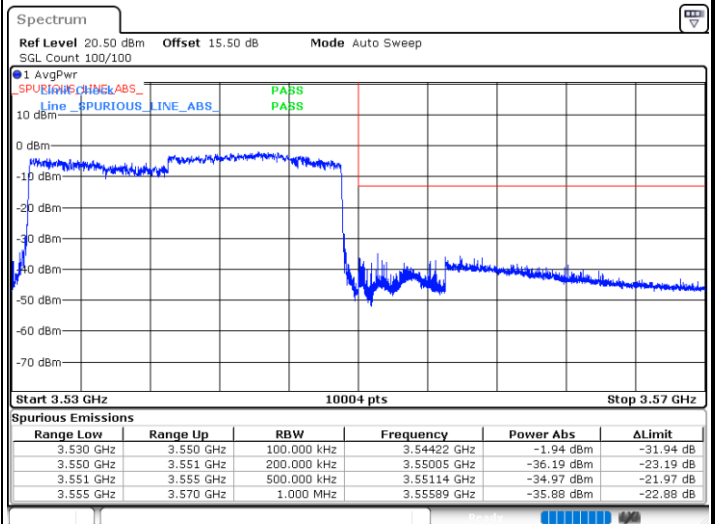
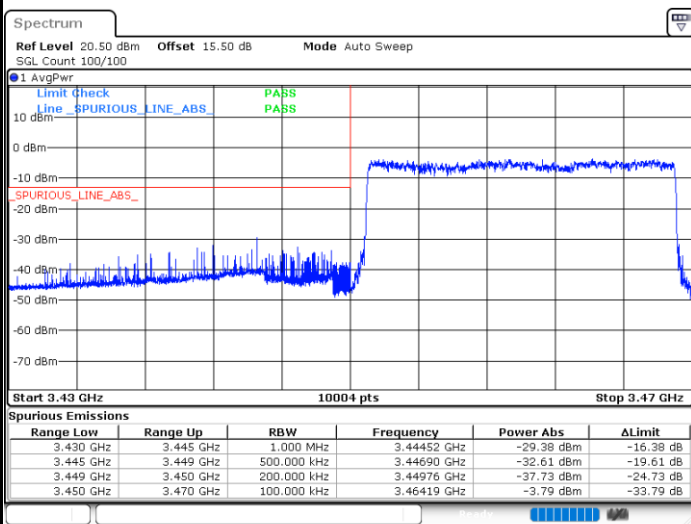


Date: 3.MAR.2023 22:36:20

Date: 3.MAR.2023 22:50:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

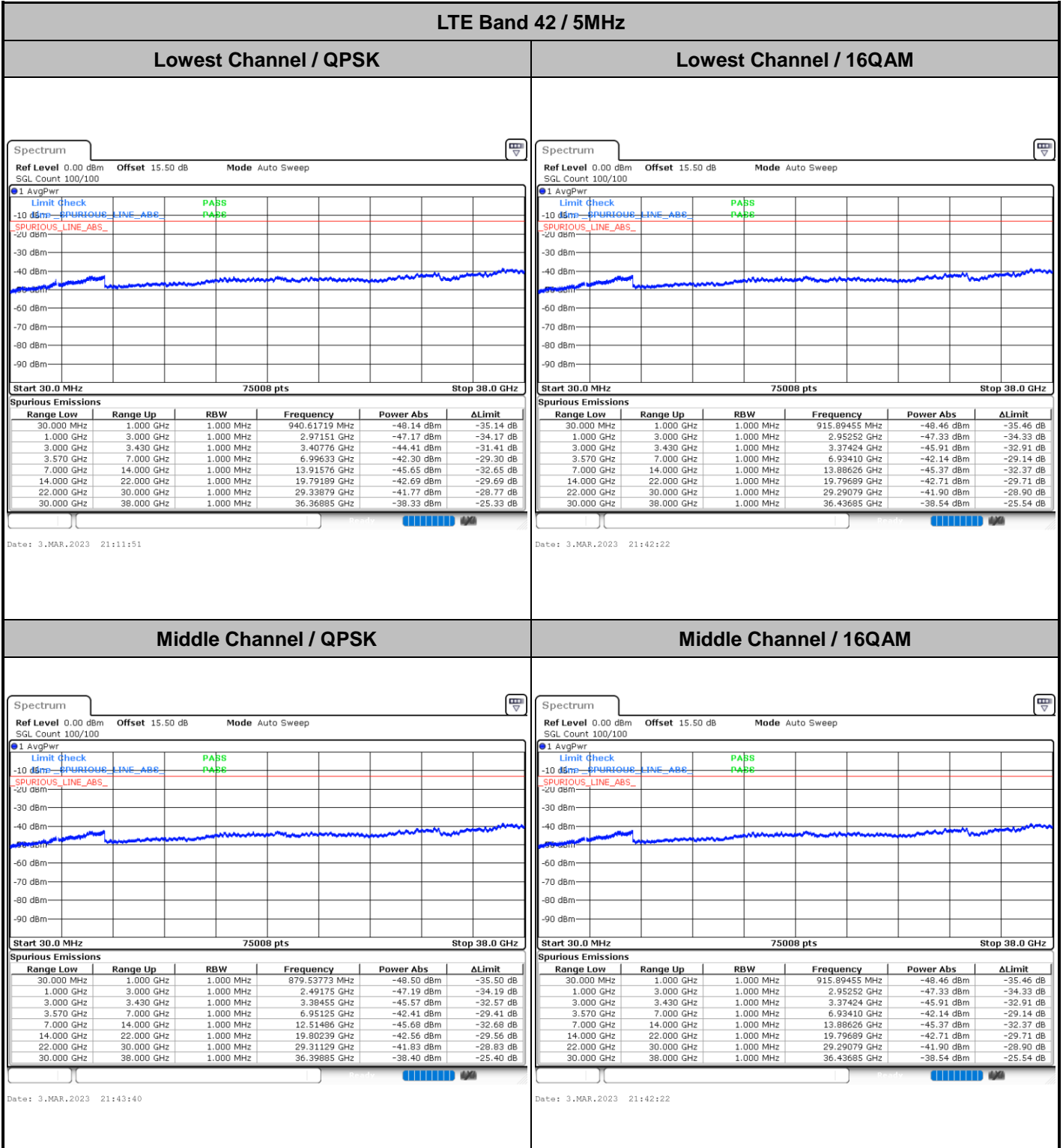


Date: 3.MAR.2023 22:32:48

Date: 3.MAR.2023 22:50:46



Conducted Spurious Emission

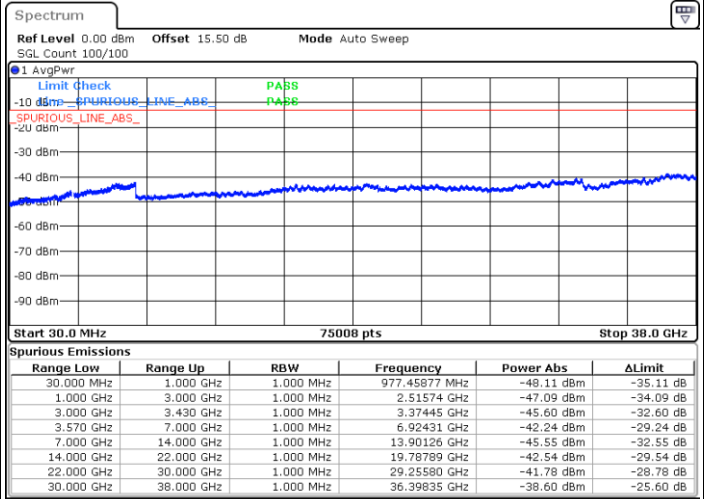
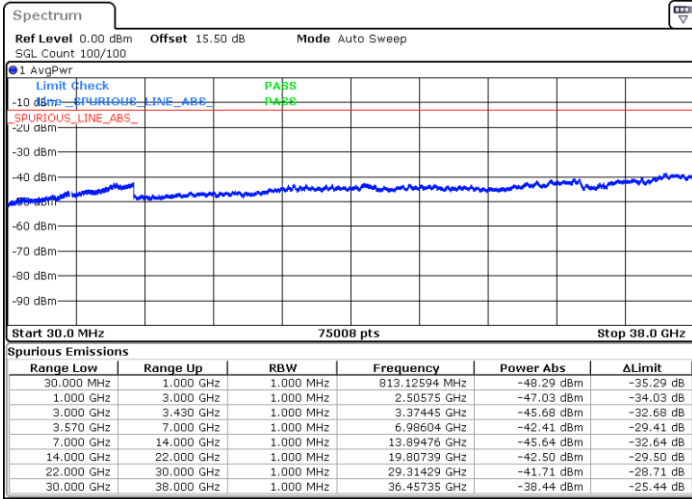




LTE Band 42 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



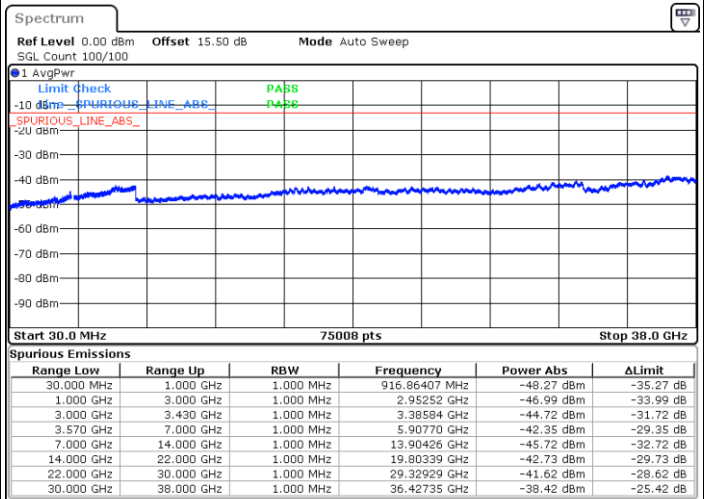
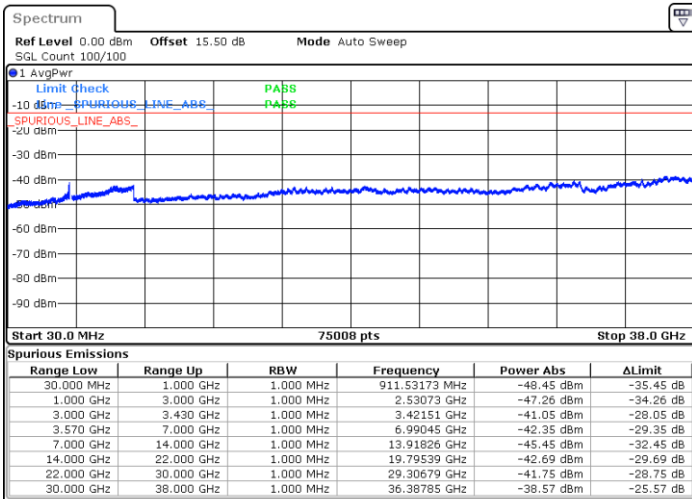
Date: 3.MAR.2023 21:44:58

Date: 3.MAR.2023 21:46:16

LTE Band 42 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.MAR.2023 21:59:52

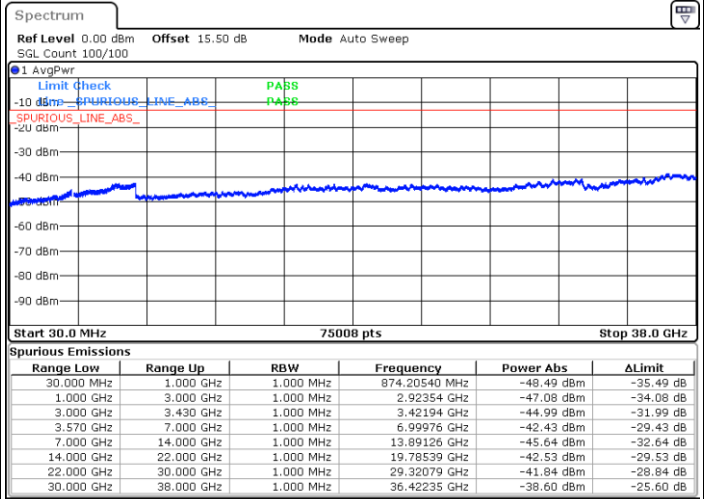
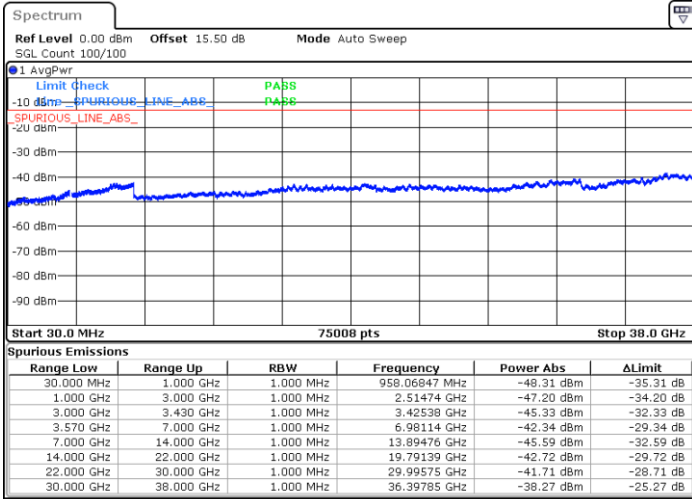
Date: 3.MAR.2023 21:58:34



LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

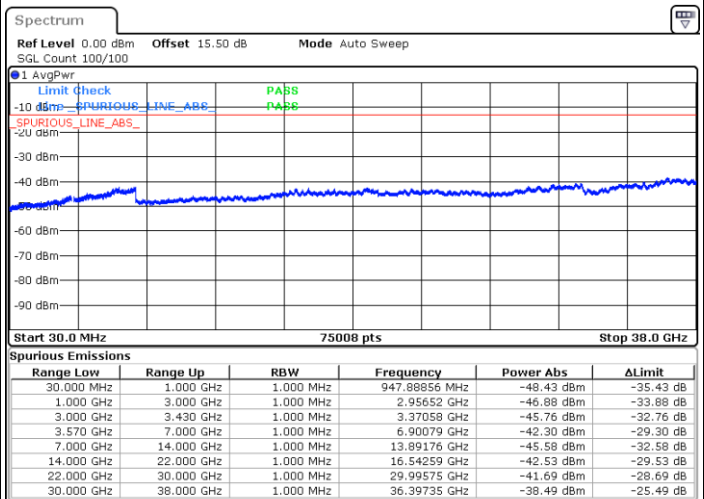
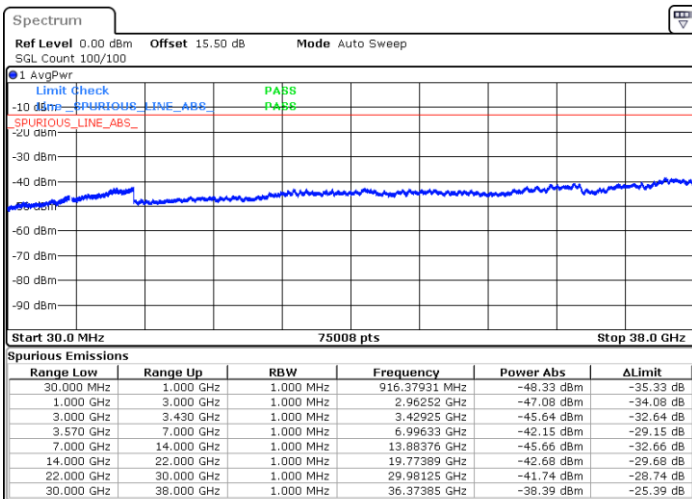


Date: 3.MAR.2023 22:01:11

Date: 3.MAR.2023 22:02:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.MAR.2023 22:07:42

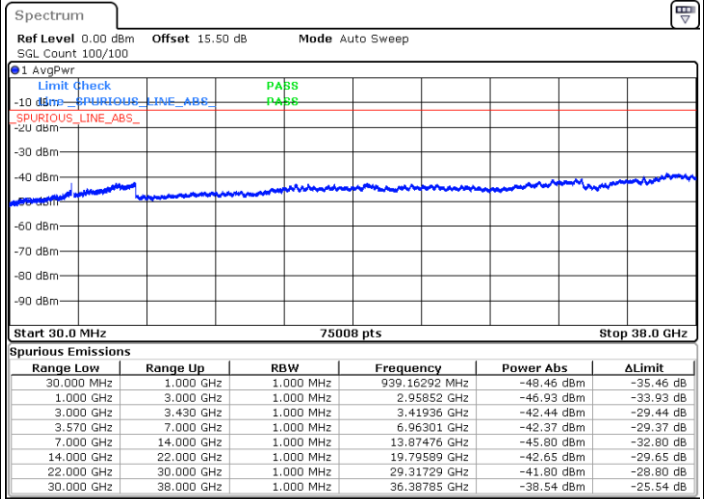
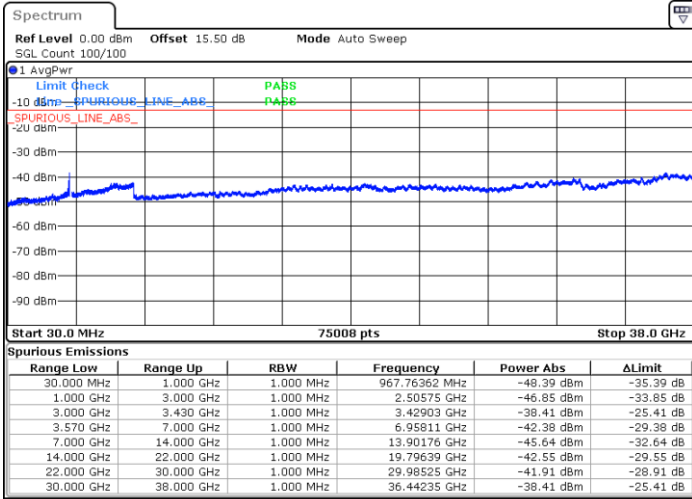
Date: 3.MAR.2023 22:06:24



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

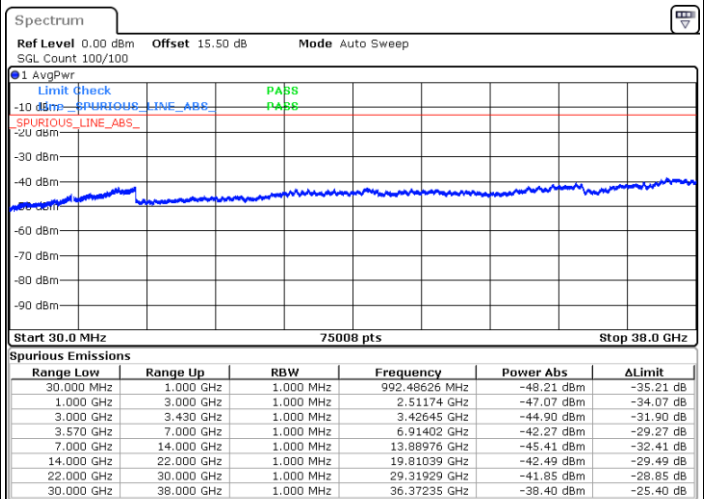
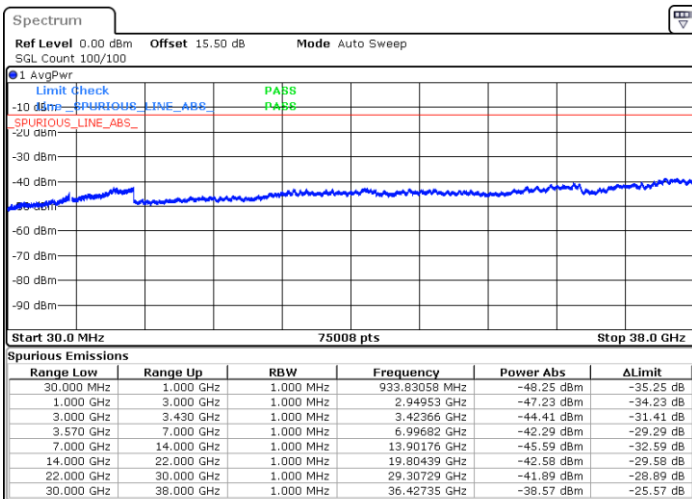


Date: 3.MAR.2023 22:17:22

Date: 3.MAR.2023 22:18:41

Middle Channel / QPSK

Middle Channel / 16QAM



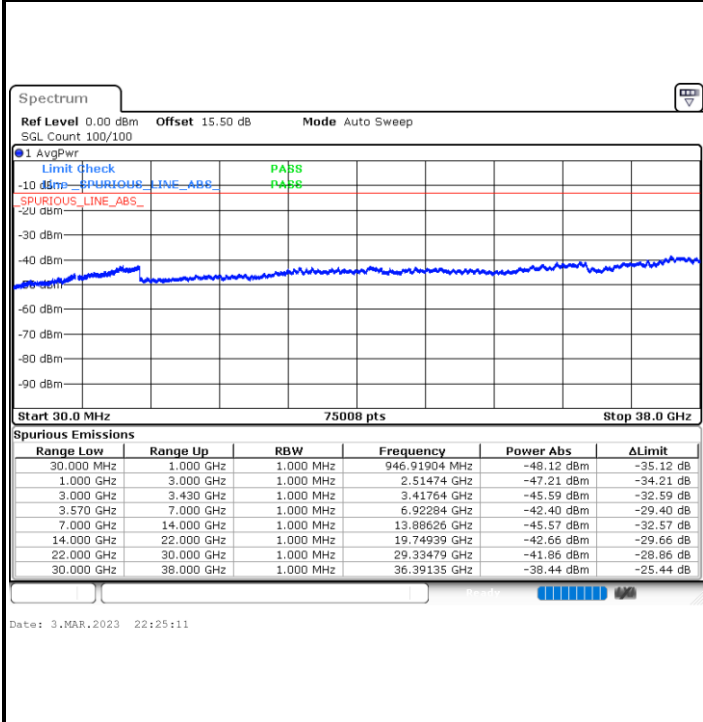
Date: 3.MAR.2023 22:23:53

Date: 3.MAR.2023 22:22:35

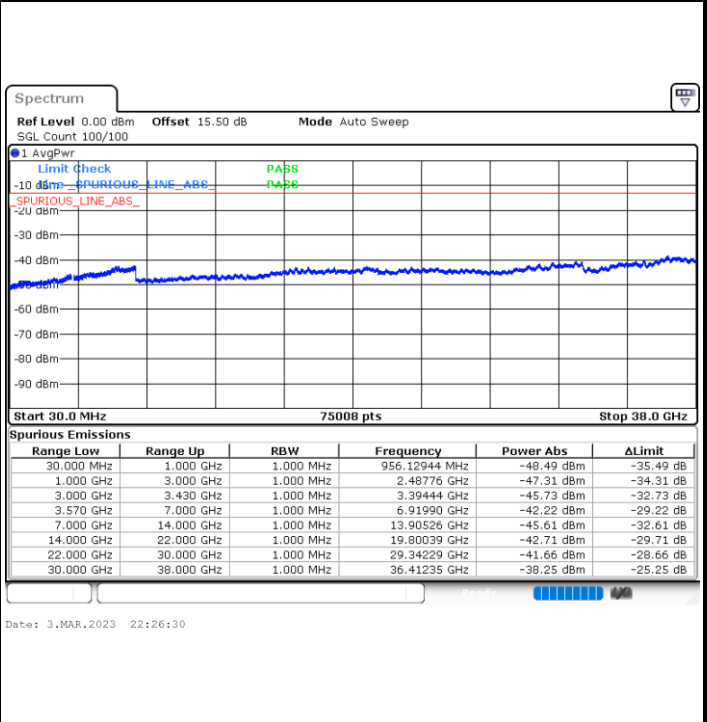


LTE Band 7 / 15MHz

Highest Channel / QPSK

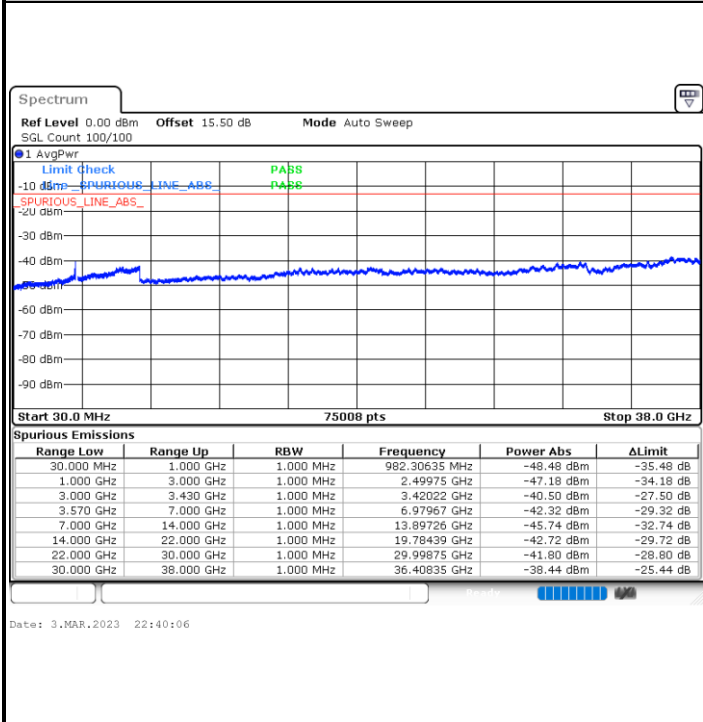


Highest Channel / 16QAM

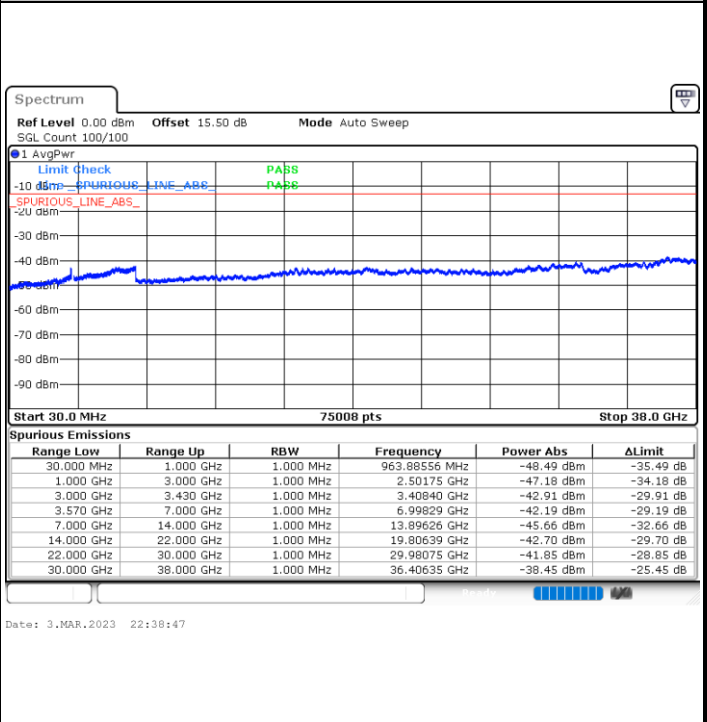


LTE Band 42 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

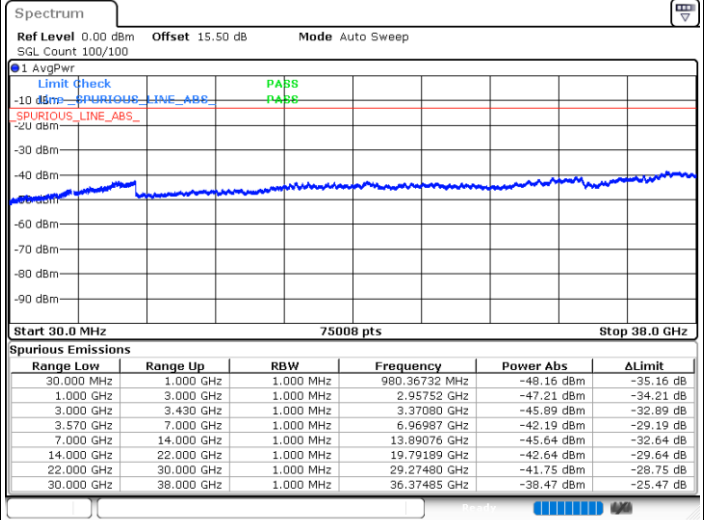
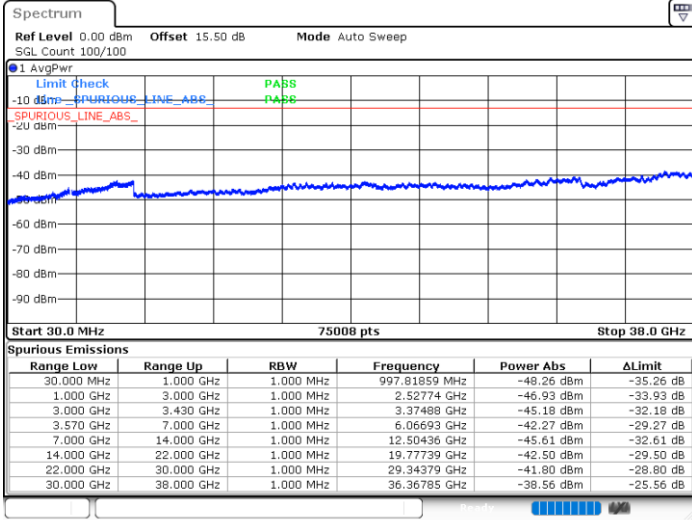




LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

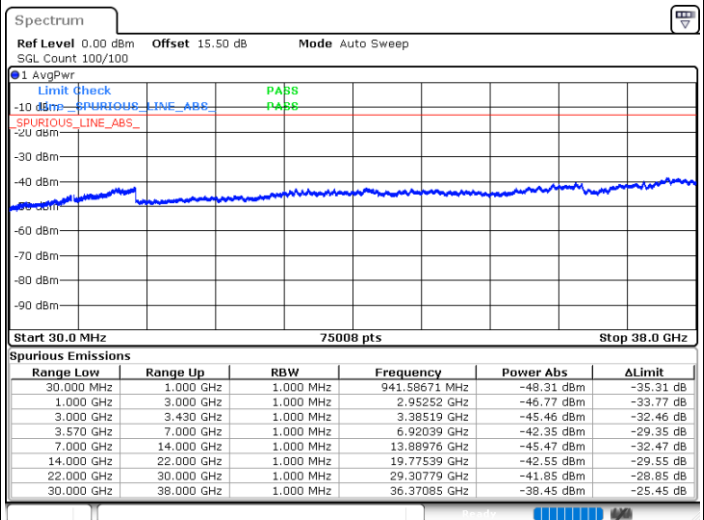
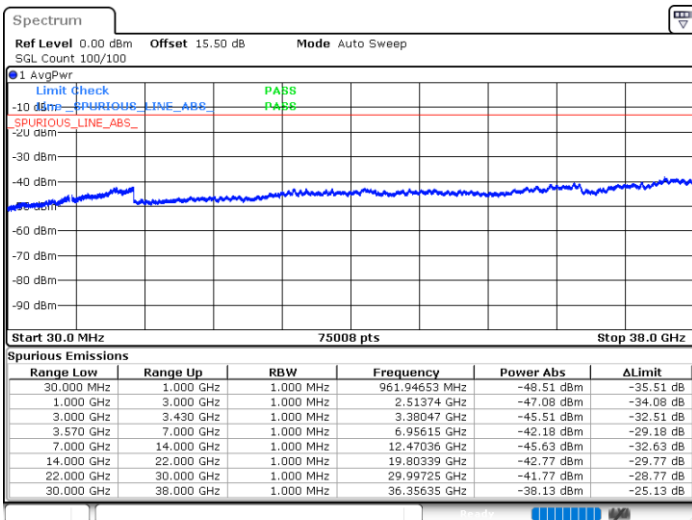


Date: 3.MAR.2023 22:41:24

Date: 3.MAR.2023 22:42:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.MAR.2023 22:47:55

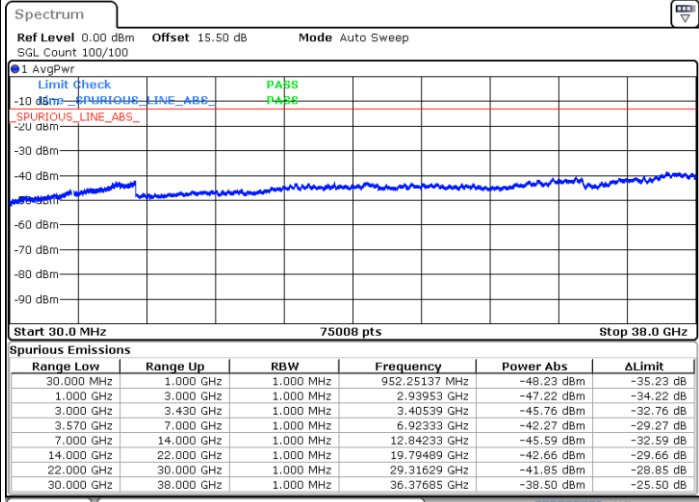
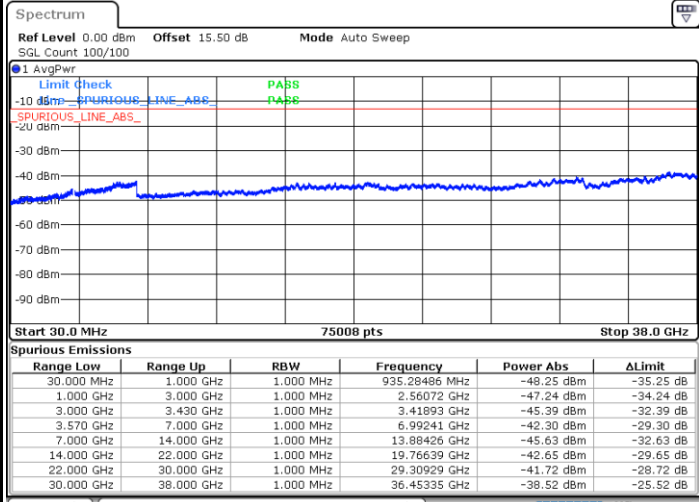
Date: 3.MAR.2023 22:46:36



LTE Band 42 / 5MHz

Lowest Channel / 64QAM

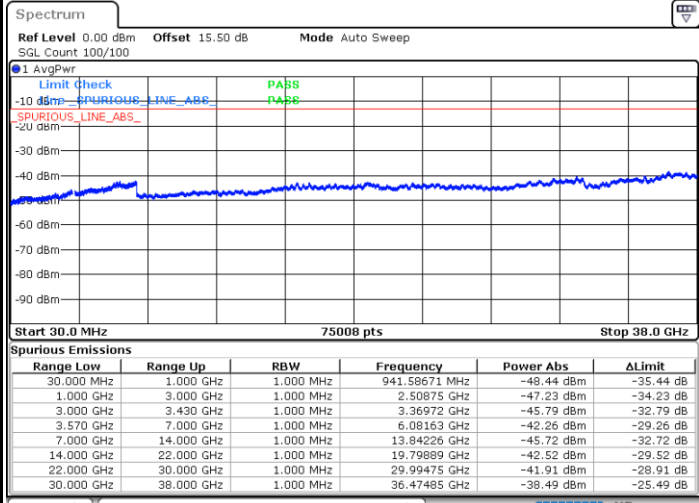
Middle Channel / 64QAM



Date: 3.MAR.2023 21:39:45

Date: 3.MAR.2023 21:41:04

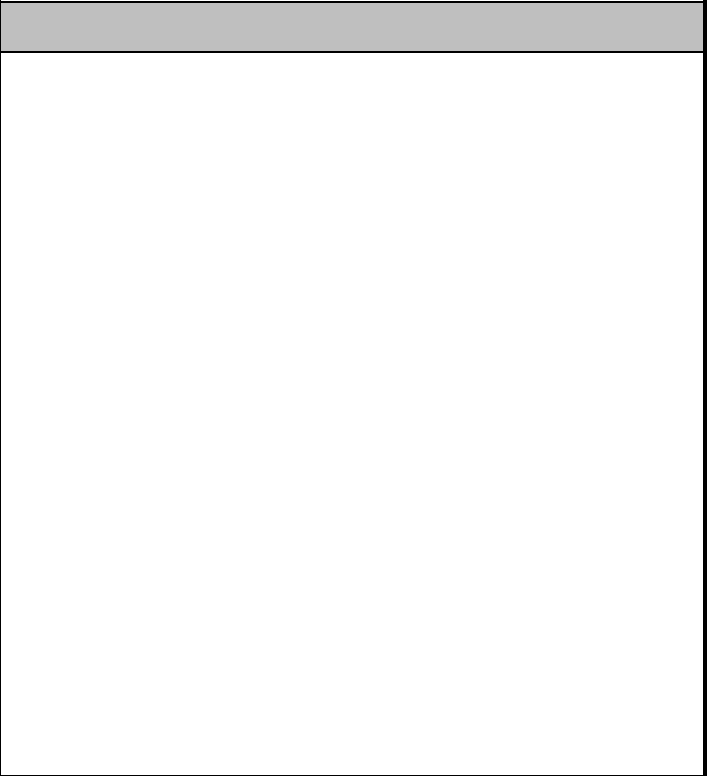
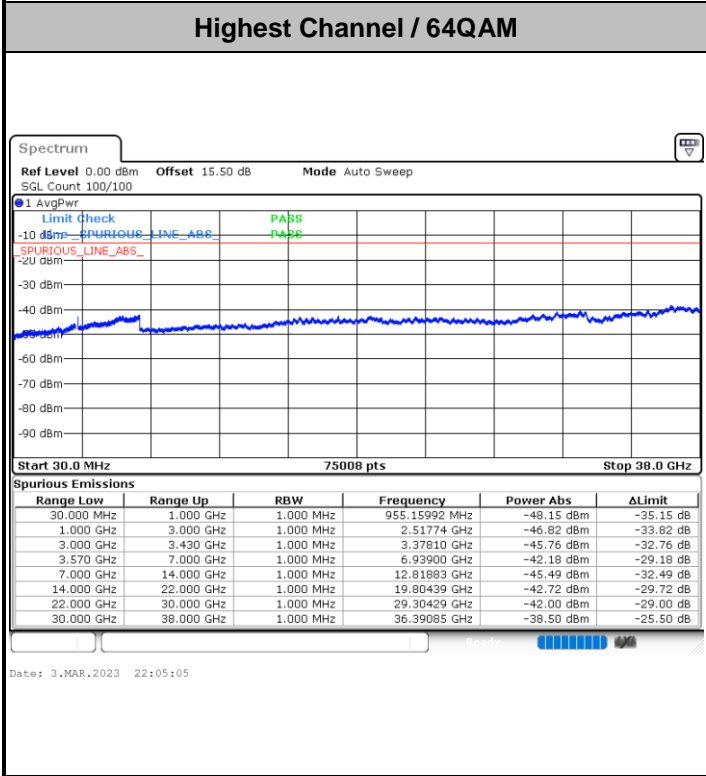
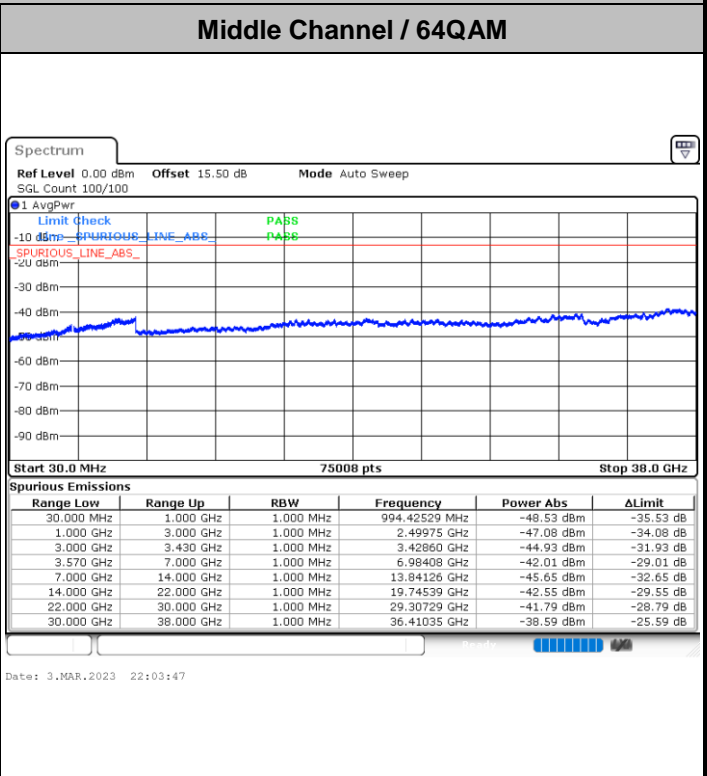
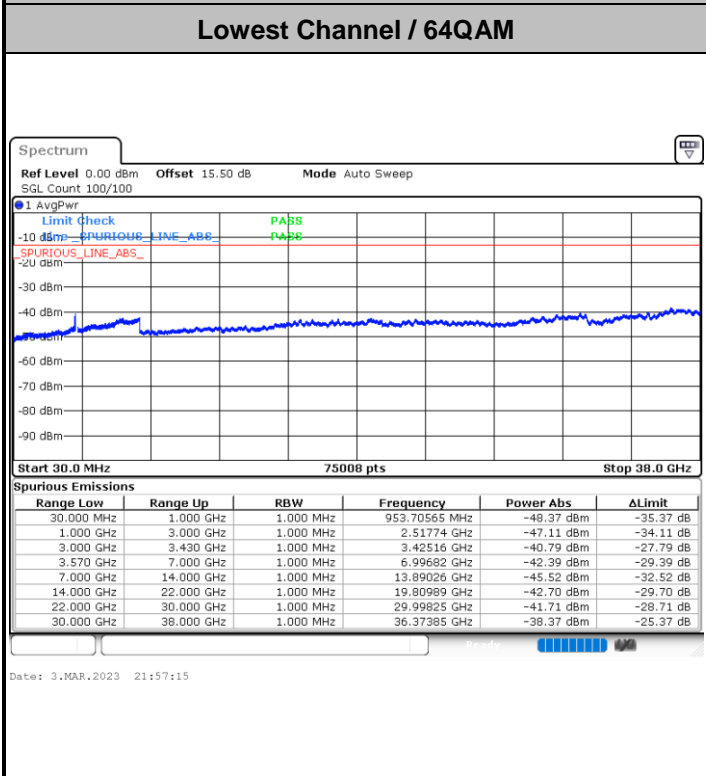
Highest Channel / 64QAM



Date: 3.MAR.2023 21:47:35

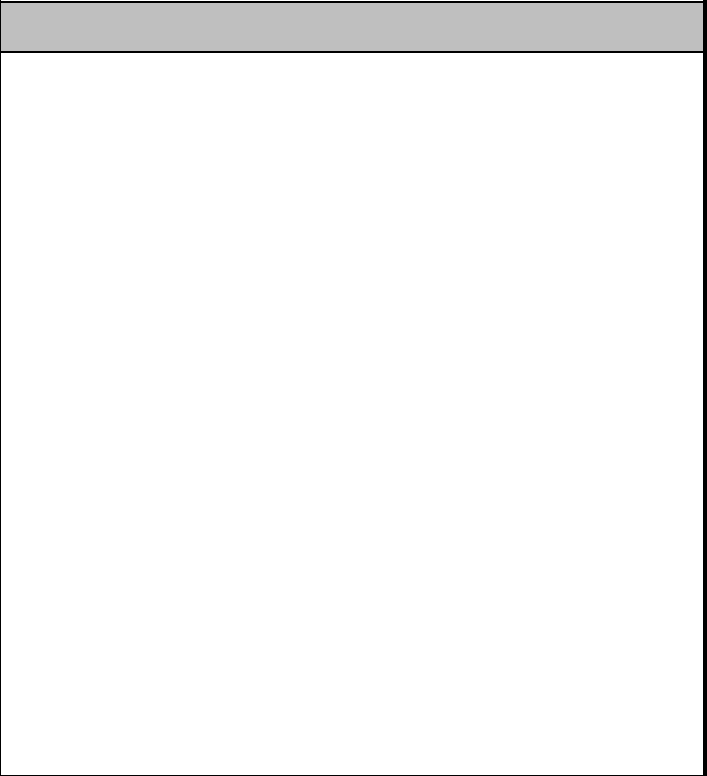
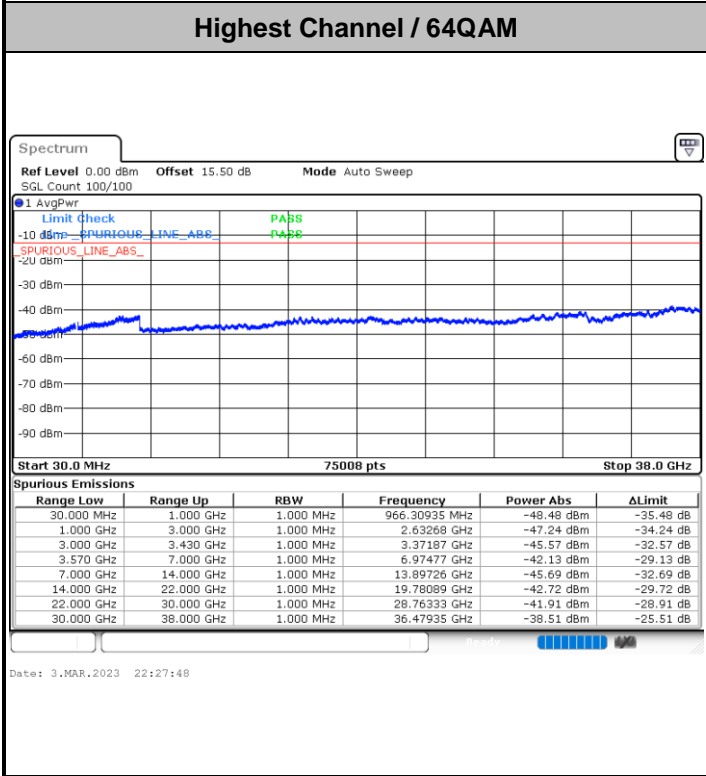
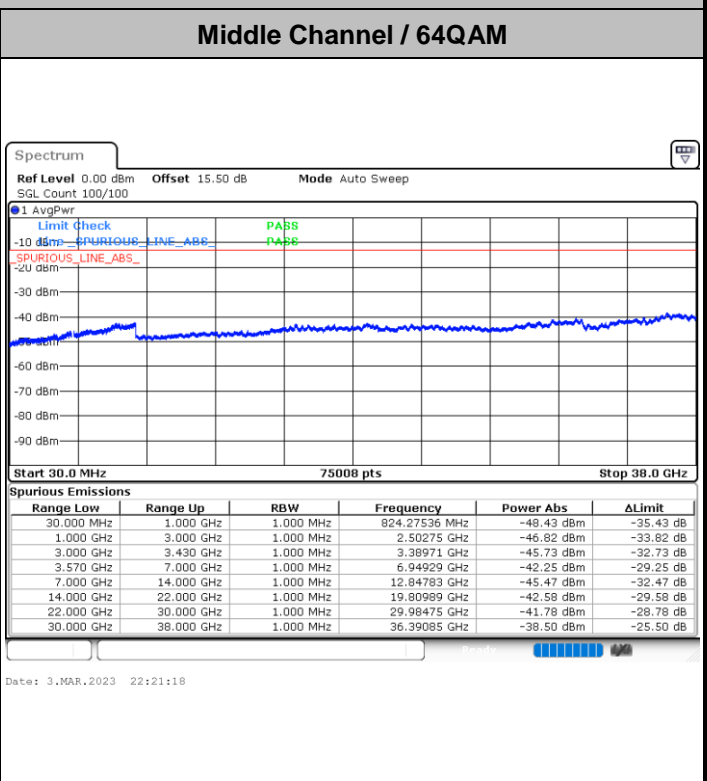
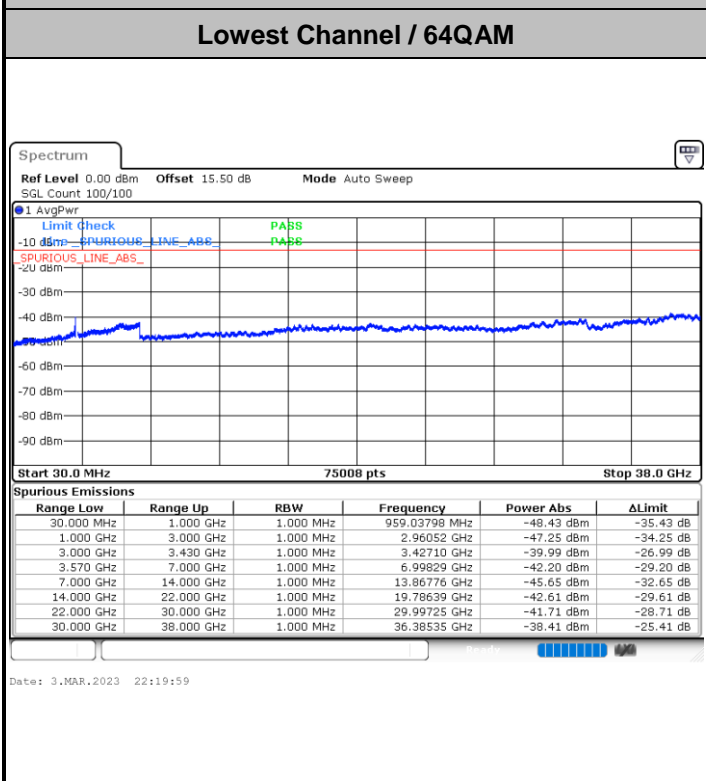


LTE Band 42 / 10MHz





LTE Band 42 / 15MHz

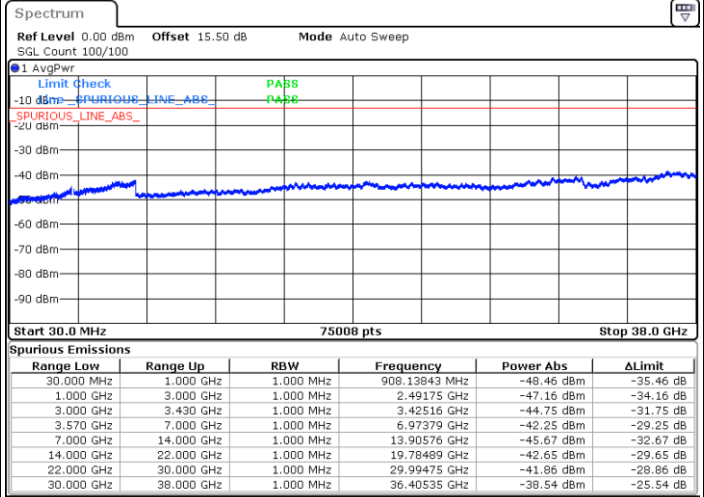
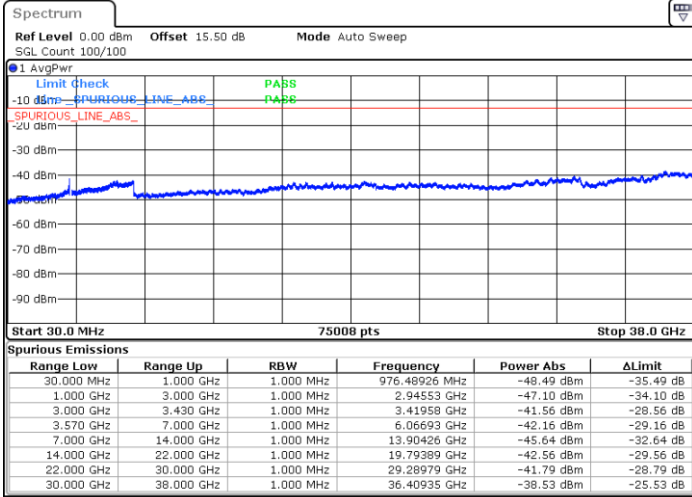




LTE Band 42 / 20MHz

Lowest Channel / 64QAM

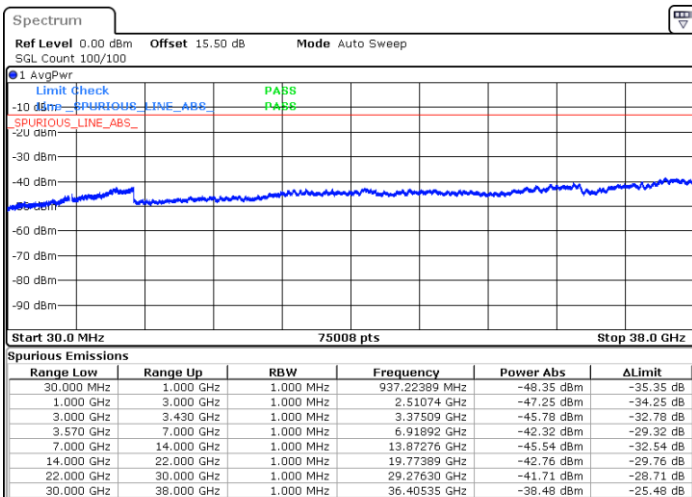
Middle Channel / 64QAM



Date: 3.MAR.2023 22:37:29

Date: 3.MAR.2023 22:44:00

Highest Channel / 64QAM



Date: 3.MAR.2023 22:45:18

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0012	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 42C

26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	NA	10MHz+20MHz	NA	NA
Lowest CH	24.88		29.79	-	-
Middle CH	24.78	-	29.97	-	-
Highest CH	24.88	-	29.91	-	-
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	36.64	24.93	30.15	34.90	39.88
Middle CH	34.97	24.93	30.03	34.90	39.96
Highest CH	34.97	24.93	30.09	34.90	39.80

Mode	LTE Band 42C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	NA	10MHz+20MHz	NA	NA
Lowest CH	24.83		30.03	-	-
Middle CH	24.83	-	30.03	-	-
Highest CH	24.83	-	29.85	-	-
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	37.76	24.88	30.09	34.90	39.80
Middle CH	34.97	24.83	29.91	34.83	40.12
Highest CH	34.90	24.83	30.03	34.97	39.88

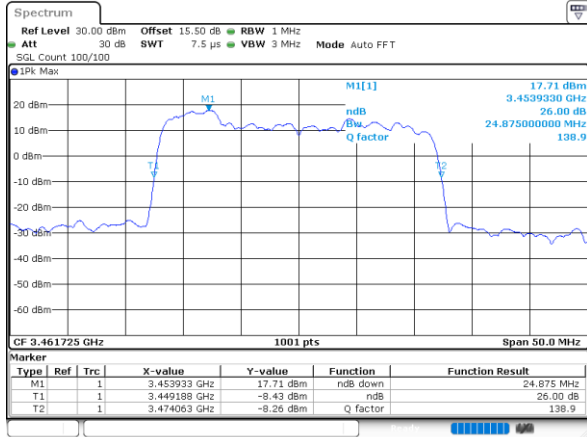
Mode	LTE Band 42C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	NA	10MHz+20MHz	NA	NA
Lowest CH	24.93	-	29.97	-	-
Middle CH	24.83	-	30.03	-	-
Highest CH	24.83	-	29.97	-	-
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	35.80	24.88	29.91	34.90	39.88
Middle CH	34.90	24.88	30.03	34.90	39.80
Highest CH	34.90	24.88	30.03	35.11	39.96



LTE Band 42C

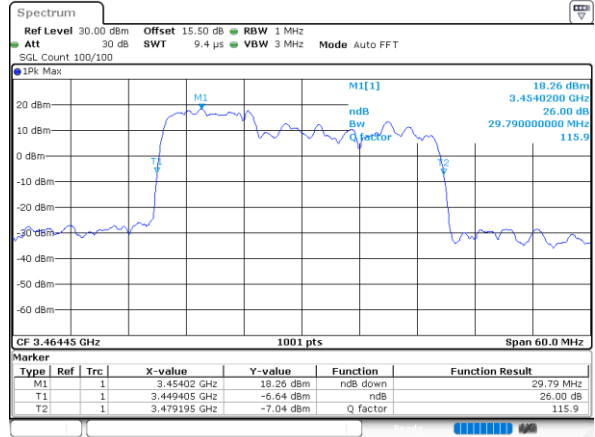
QPSK

Lowest Channel / 5MHz+20MHz



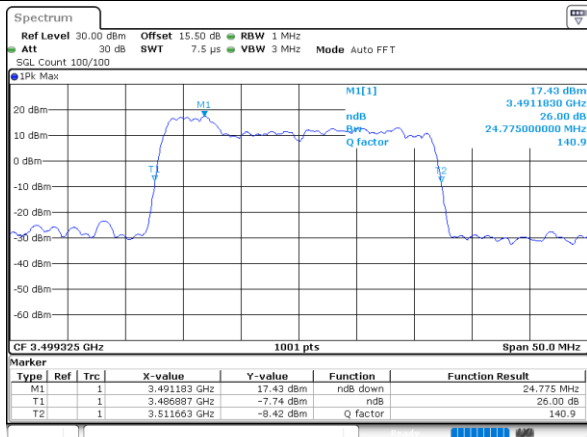
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Lowest Channel / 10MHz+20MHz



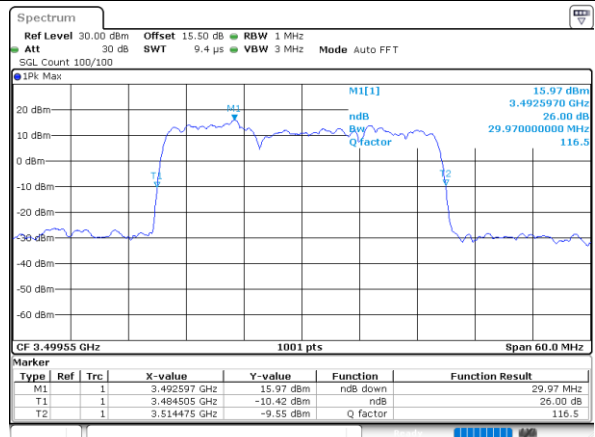
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Middle Channel / 5MHz+20MHz



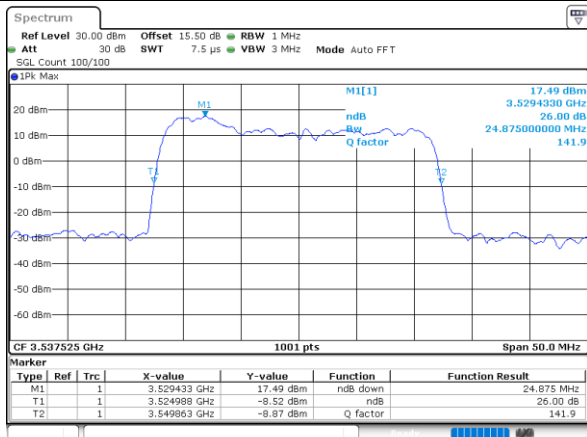
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Middle Channel / 10MHz+20MHz



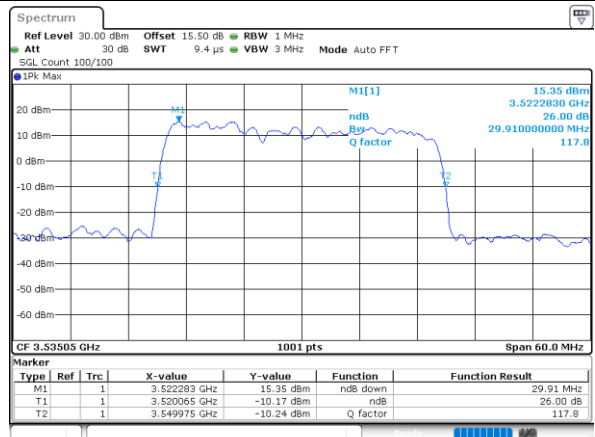
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Highest Channel / 5MHz+20MHz



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Highest Channel / 10MHz+20MHz



Date: 8.MAR.2023 17:36:00



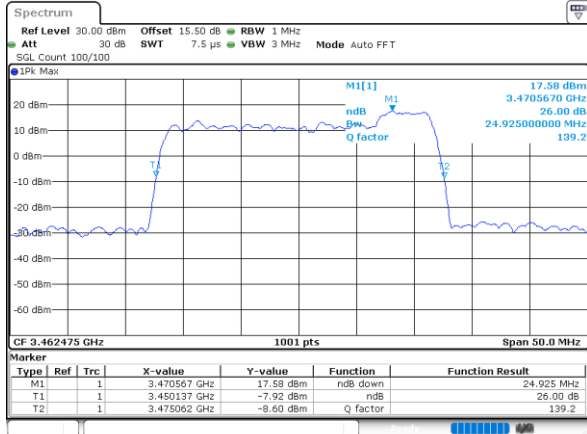
LTE Band 42C																													
QPSK																													
Lowest Channel / 15MHz+20MHz	NA																												
<p>Spectrum</p> <p>Ref Level 30.00 dBm Offset 15.50 dB RBW 1 MHz Att 30 dB SWT 9.5 μs VBW 3 MHz Mode Auto FFT SQL Count 100/100</p> <p>CF 3.4617175 GHz 1001 pts Span 70.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>3.457455 GHz</td> <td>14.74 dBm</td> <td>ndB down</td> <td>36.643 MHz</td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>3.447944 GHz</td> <td>-11.28 dBm</td> <td>ndB</td> <td>26.00 dB</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>3.484588 GHz</td> <td>-11.50 dBm</td> <td>Q factor</td> <td>94.4</td> </tr> </tbody> </table> <p>Date: 8.MAR.2023 17:39:23</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		3.457455 GHz	14.74 dBm	ndB down	36.643 MHz	T1	1		3.447944 GHz	-11.28 dBm	ndB	26.00 dB	T2	1		3.484588 GHz	-11.50 dBm	Q factor	94.4	
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
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T1	1		3.447944 GHz	-11.28 dBm	ndB	26.00 dB																							
T2	1		3.484588 GHz	-11.50 dBm	Q factor	94.4																							
<p>Spectrum</p> <p>Ref Level 30.00 dBm Offset 15.50 dB RBW 1 MHz Att 30 dB SWT 9.5 μs VBW 3 MHz Mode Auto FFT SQL Count 100/100</p> <p>CF 3.499775 GHz 1001 pts Span 70.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>3.51495 GHz</td> <td>14.41 dBm</td> <td>ndB down</td> <td>34.965 MHz</td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>3.482292 GHz</td> <td>-12.33 dBm</td> <td>ndB</td> <td>26.00 dB</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>3.517258 GHz</td> <td>-12.58 dBm</td> <td>Q factor</td> <td>100.5</td> </tr> </tbody> </table> <p>Date: 8.MAR.2023 17:41:05</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		3.51495 GHz	14.41 dBm	ndB down	34.965 MHz	T1	1		3.482292 GHz	-12.33 dBm	ndB	26.00 dB	T2	1		3.517258 GHz	-12.58 dBm	Q factor	100.5	
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
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T1	1		3.482292 GHz	-12.33 dBm	ndB	26.00 dB																							
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<p>Spectrum</p> <p>Ref Level 30.00 dBm Offset 15.50 dB RBW 1 MHz Att 30 dB SWT 9.5 μs VBW 3 MHz Mode Auto FFT SQL Count 100/100</p> <p>CF 3.532575 GHz 1001 pts Span 70.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>3.528239 GHz</td> <td>14.80 dBm</td> <td>ndB down</td> <td>34.965 MHz</td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>3.515092 GHz</td> <td>-10.47 dBm</td> <td>ndB</td> <td>26.00 dB</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>3.550058 GHz</td> <td>-12.23 dBm</td> <td>Q factor</td> <td>100.9</td> </tr> </tbody> </table> <p>Date: 8.MAR.2023 17:46:04</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		3.528239 GHz	14.80 dBm	ndB down	34.965 MHz	T1	1		3.515092 GHz	-10.47 dBm	ndB	26.00 dB	T2	1		3.550058 GHz	-12.23 dBm	Q factor	100.9	
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
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LTE Band 42C

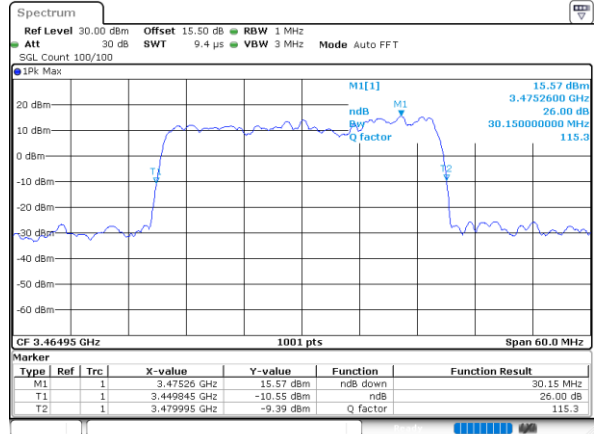
QPSK

Lowest Channel / 20MHz+5MHz



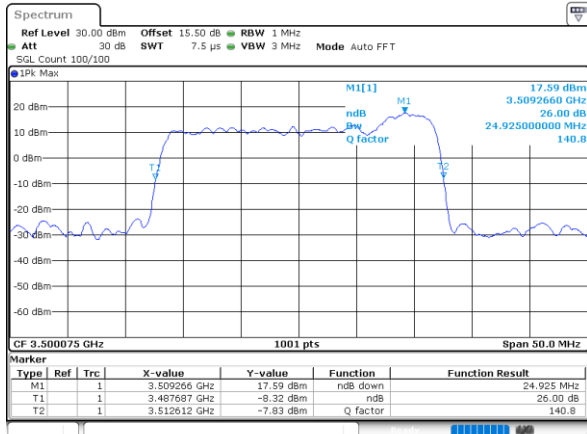
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Lowest Channel / 20MHz+10MHz



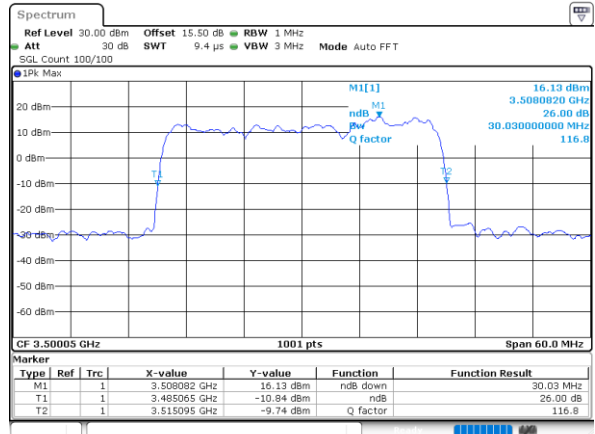
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Middle Channel / 20MHz+5MHz



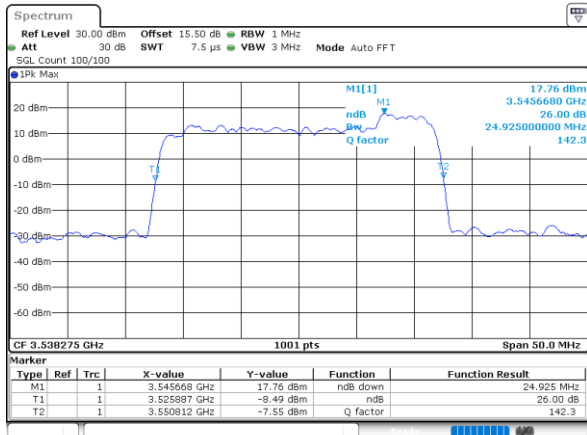
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Middle Channel / 20MHz+10MHz



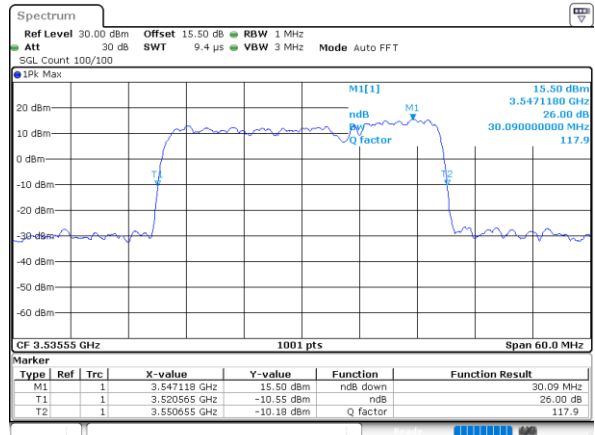
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Highest Channel / 20MHz+5MHz



Date: 8.MAR.2023 18:06:14

Highest Channel / 20MHz+10MHz



Date: 8.MAR.2023 18:19:31