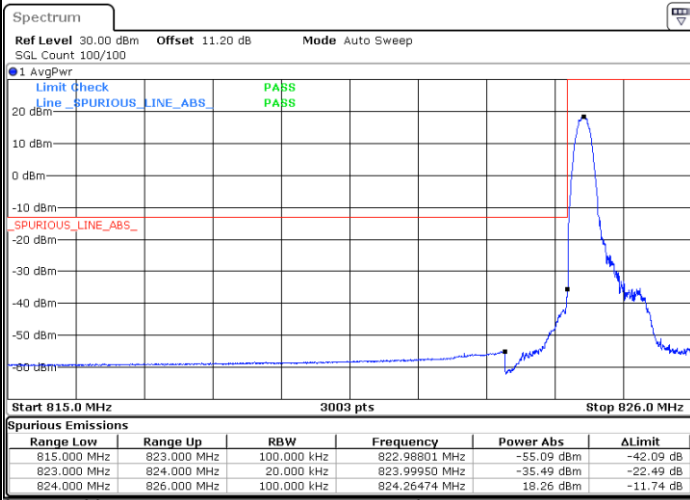




Conducted Band Edge

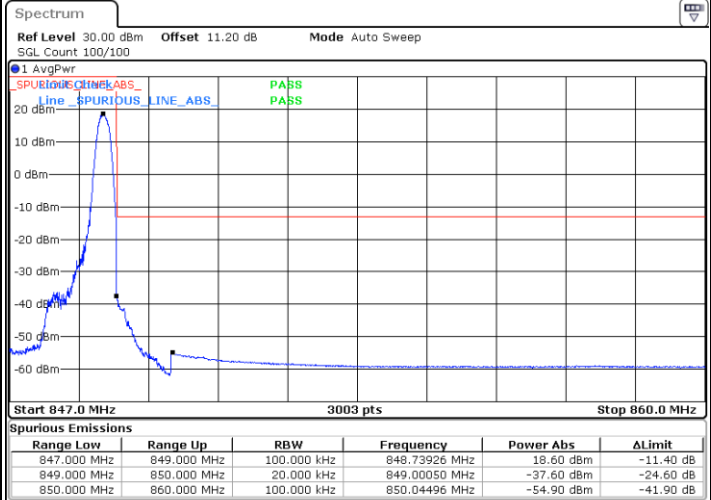
LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



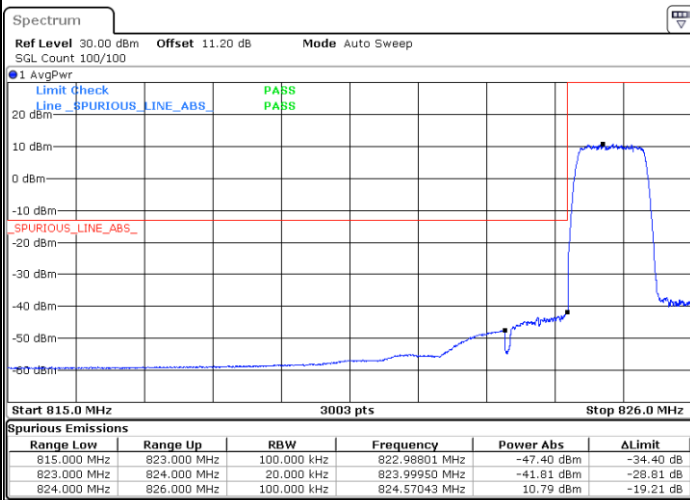
Date: 25 MAR 2021 22:16:03

Highest Band Edge / 1RB



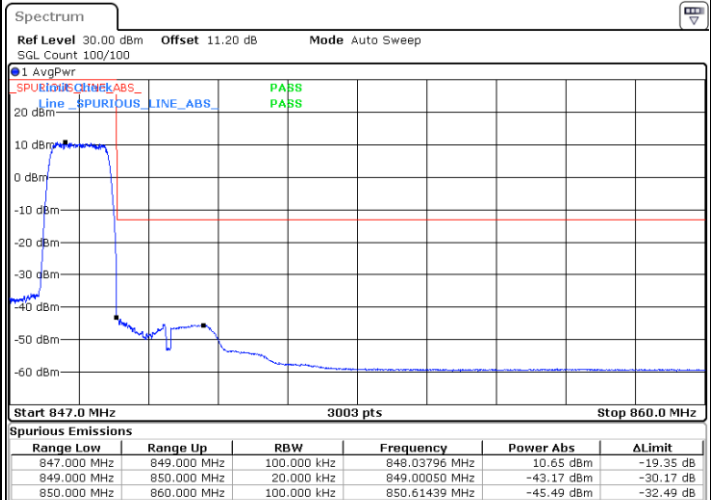
Date: 25 MAR 2021 22:19:58

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:13:52

Highest Band Edge / Full RB

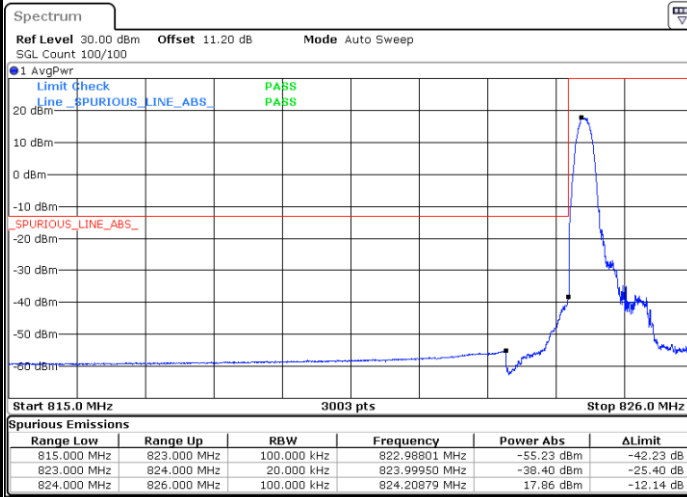


Date: 25 MAR 2021 22:22:18



LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



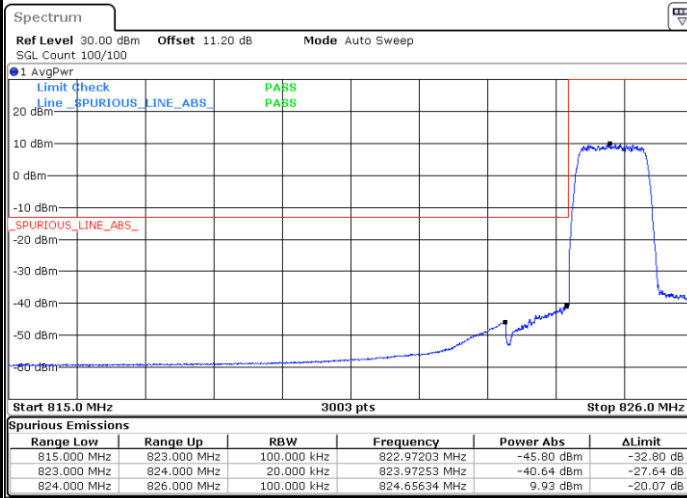
Date: 25 MAR 2021 22:15:19

Highest Band Edge / 1 RB



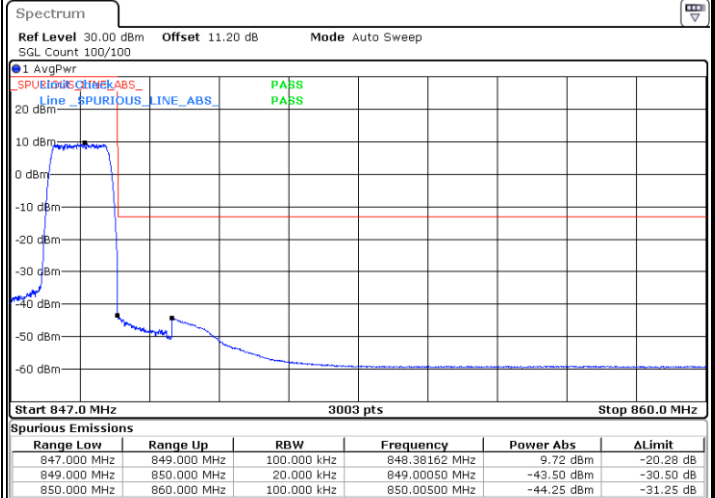
Date: 25 MAR 2021 22:20:44

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:14:36

Highest Band Edge / Full RB

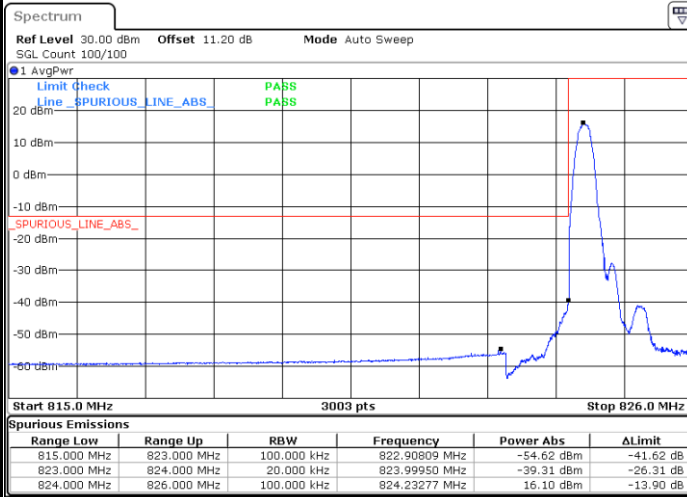


Date: 25 MAR 2021 22:21:32



LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



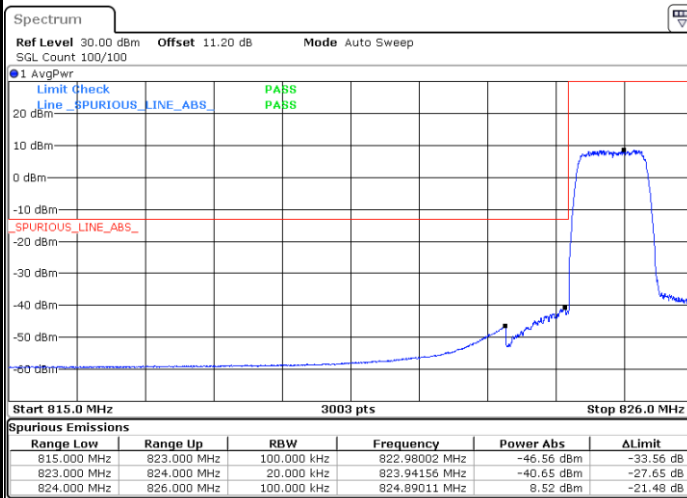
Date: 25 MAR 2021 22:24:39

Highest Band Edge / 1 RB



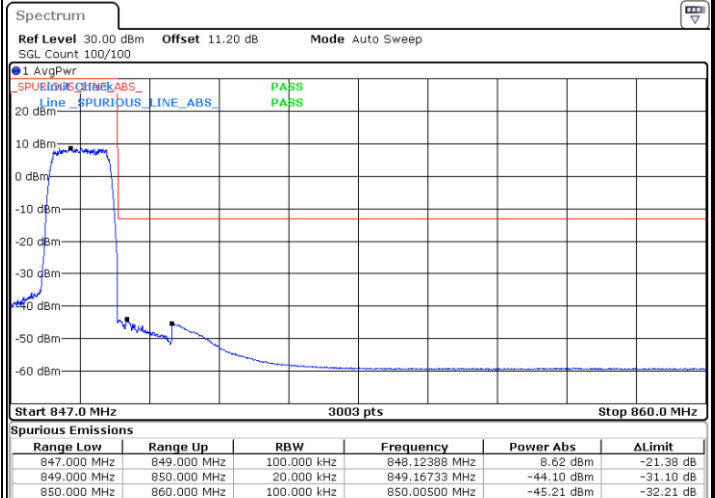
Date: 25 MAR 2021 22:26:07

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:23:56

Highest Band Edge / Full RB

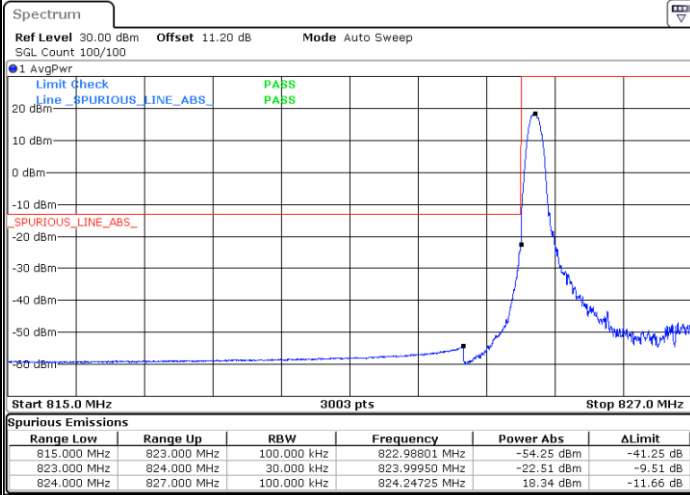


Date: 25 MAR 2021 22:26:53



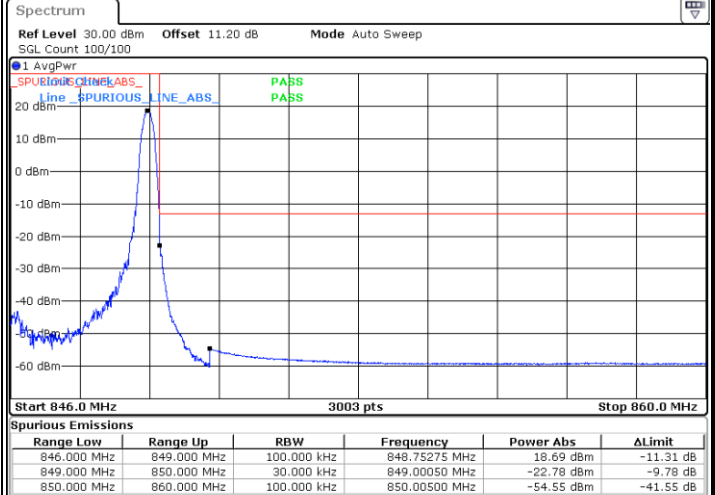
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



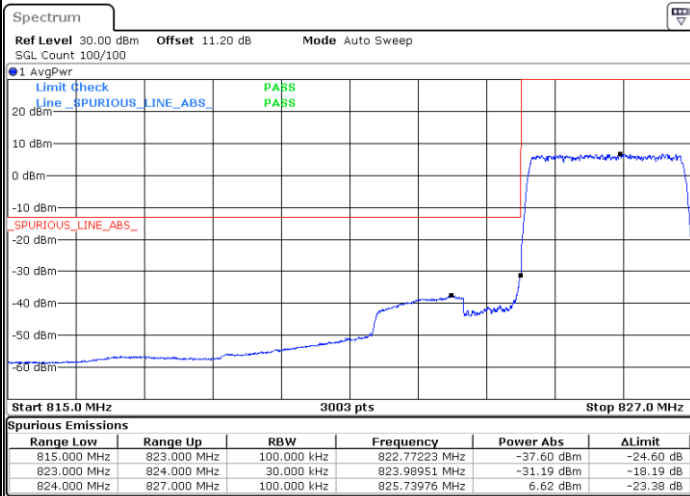
Date: 25 MAR 2021 22:33:30

Highest Band Edge / 1 RB



Date: 25 MAR 2021 22:37:24

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:31:19

Highest Band Edge / Full RB

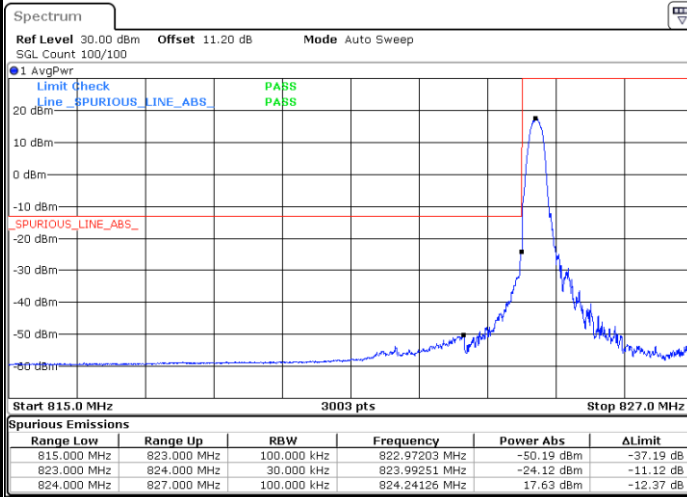


Date: 25 MAR 2021 22:39:44



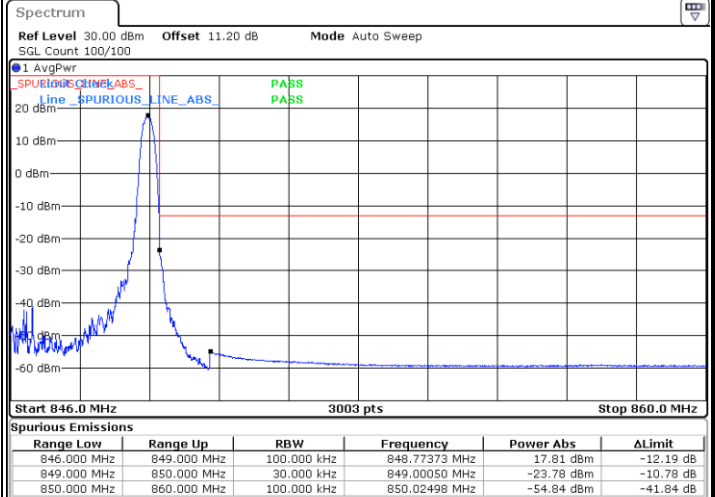
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



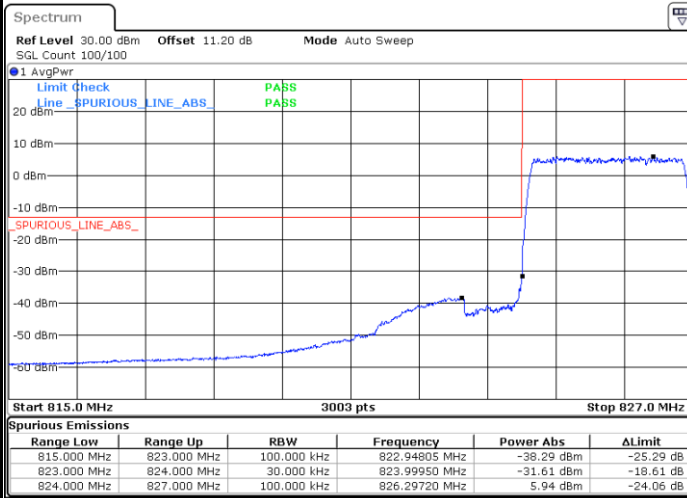
Date: 25 MAR 2021 22:32:46

Highest Band Edge / 1 RB



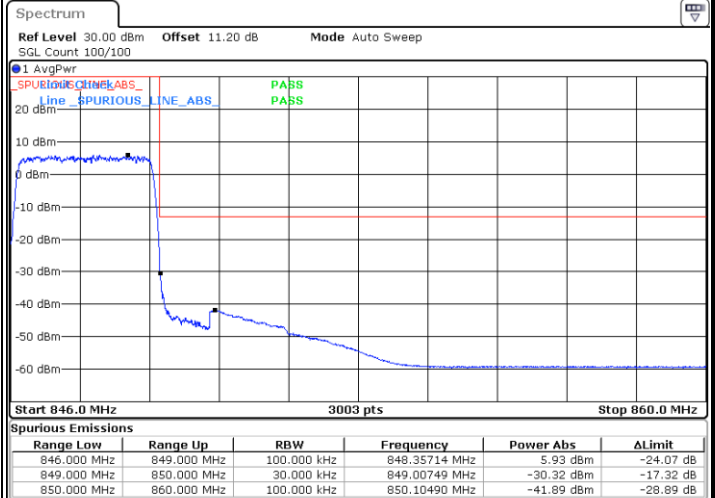
Date: 25 MAR 2021 22:38:11

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:32:02

Highest Band Edge / Full RB

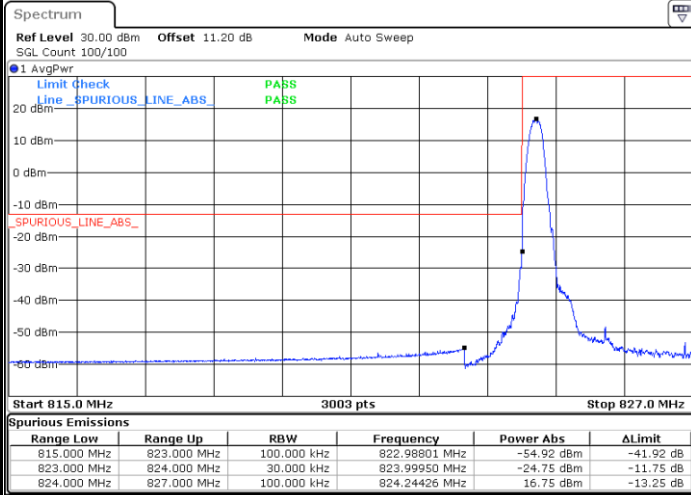


Date: 25 MAR 2021 22:38:58



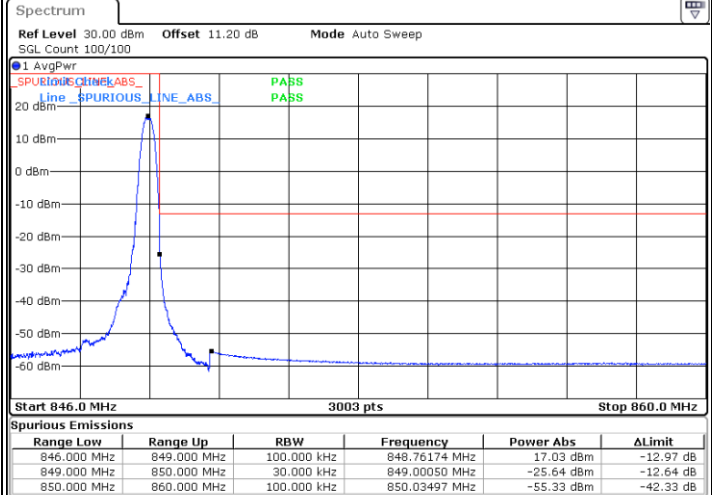
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



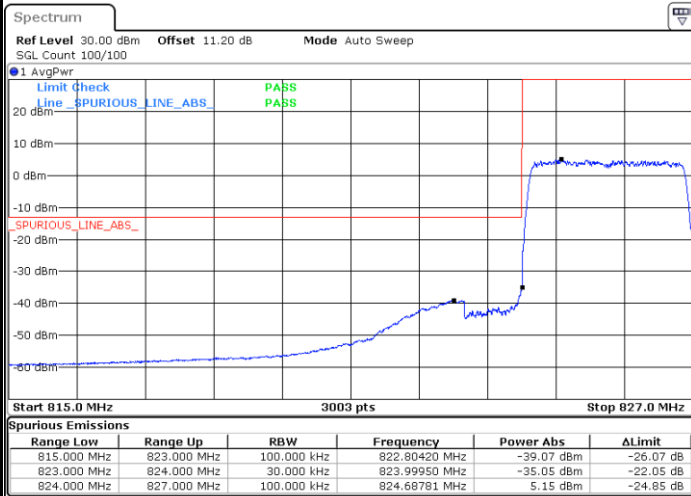
Date: 25 MAR 2021 22:28:21

Highest Band Edge / 1 RB



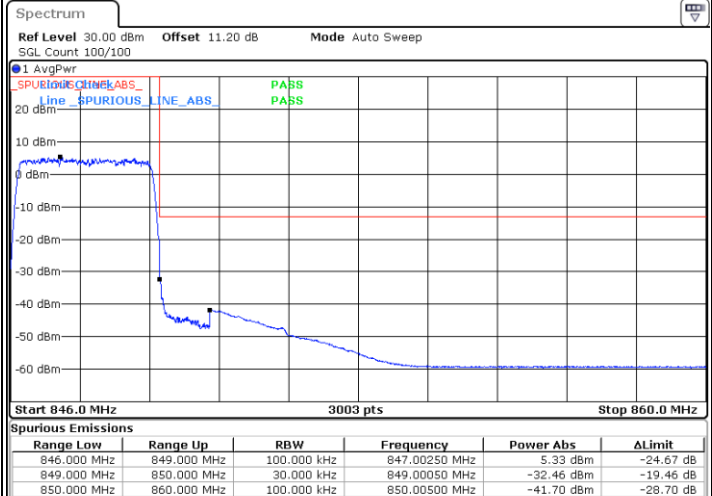
Date: 25 MAR 2021 22:29:48

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:27:37

Highest Band Edge / Full RB

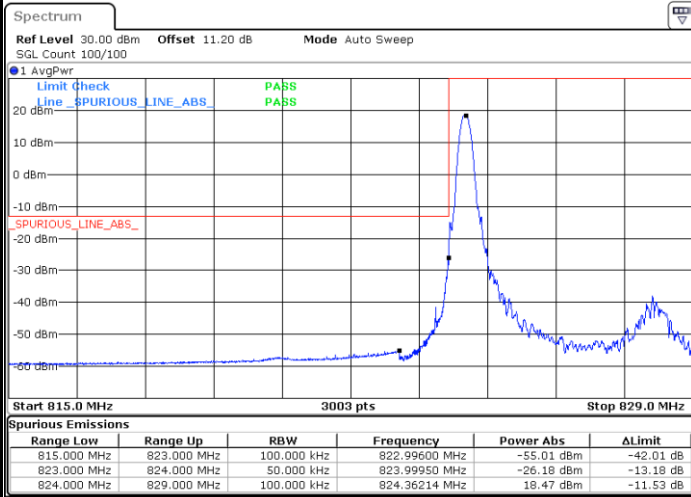


Date: 25 MAR 2021 22:30:35



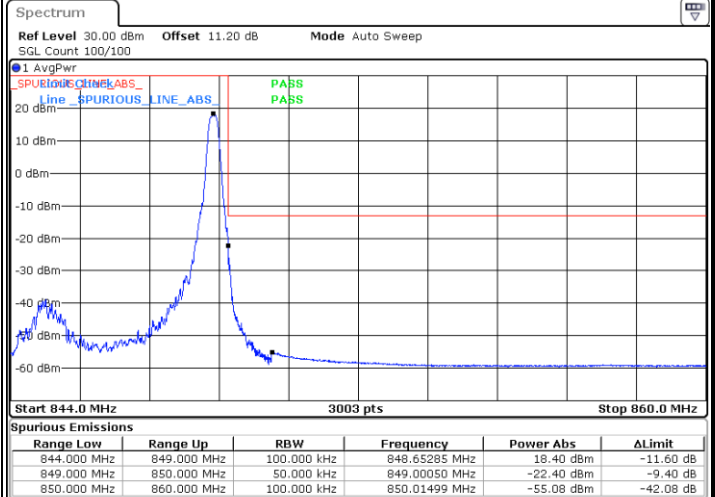
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



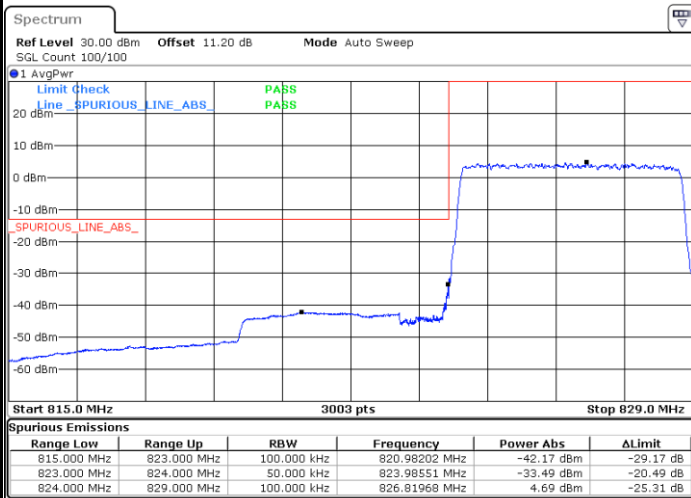
Date: 25 MAR 2021 22:43:33

Highest Band Edge / 1 RB



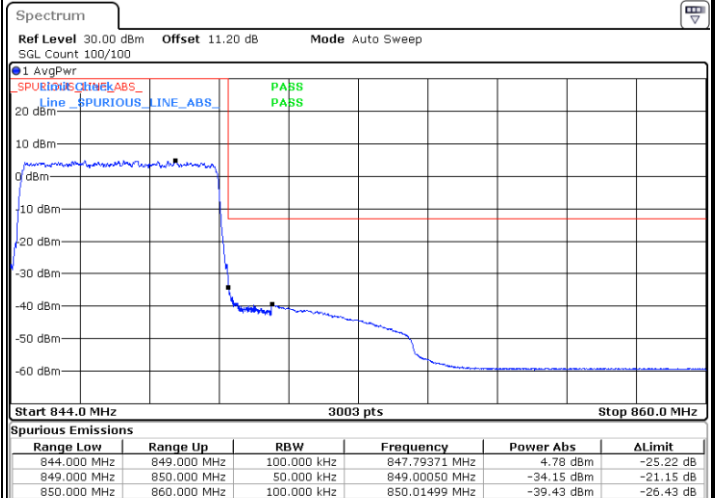
Date: 25 MAR 2021 22:47:29

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:41:22

Highest Band Edge / Full RB

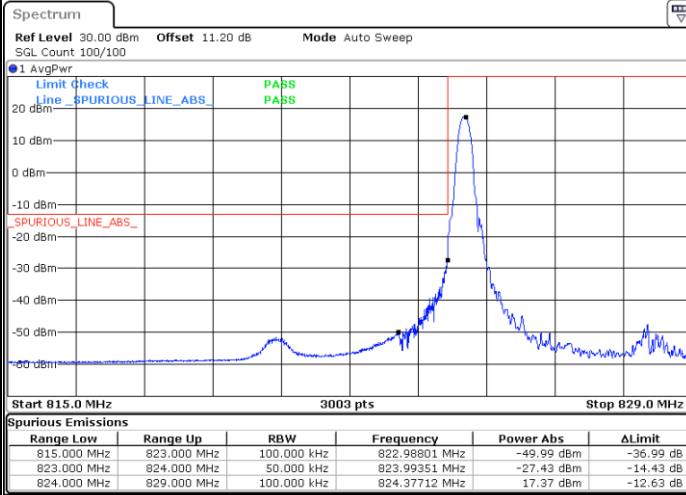


Date: 25 MAR 2021 22:48:48



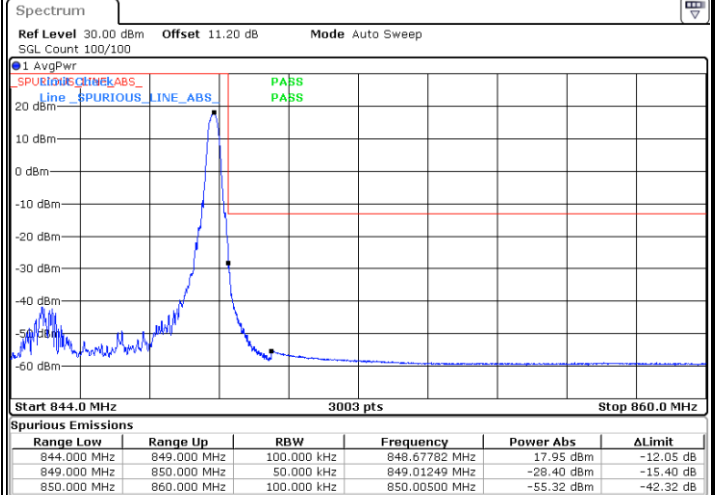
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



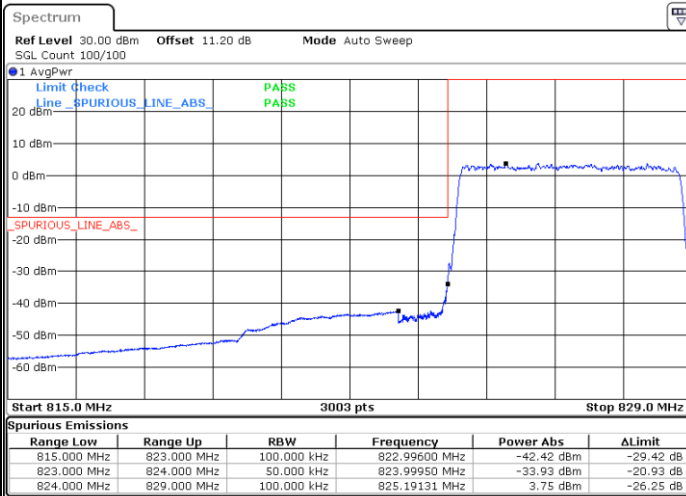
Date: 25 MAR 2021 22:42:50

Highest Band Edge / 1 RB



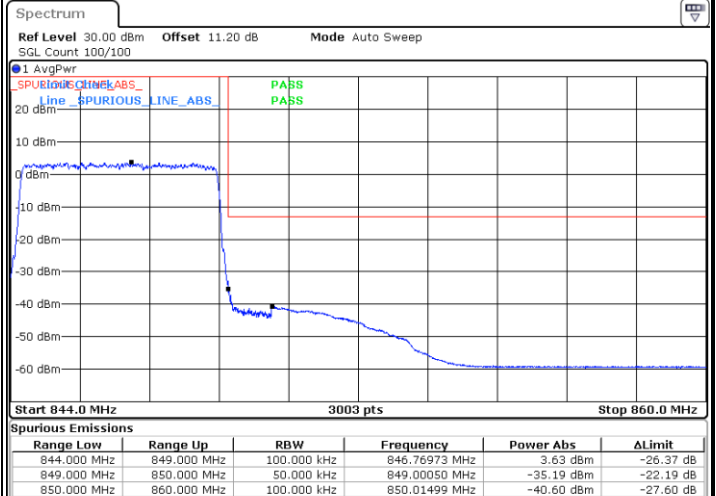
Date: 25 MAR 2021 22:48:15

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:42:06

Highest Band Edge / Full RB

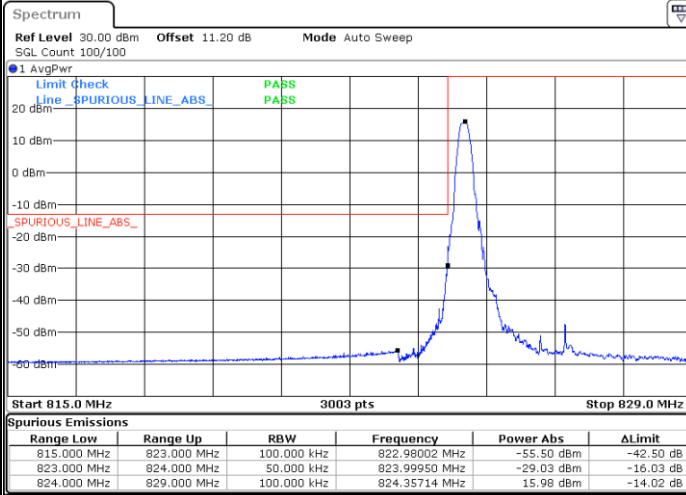


Date: 25 MAR 2021 22:49:02



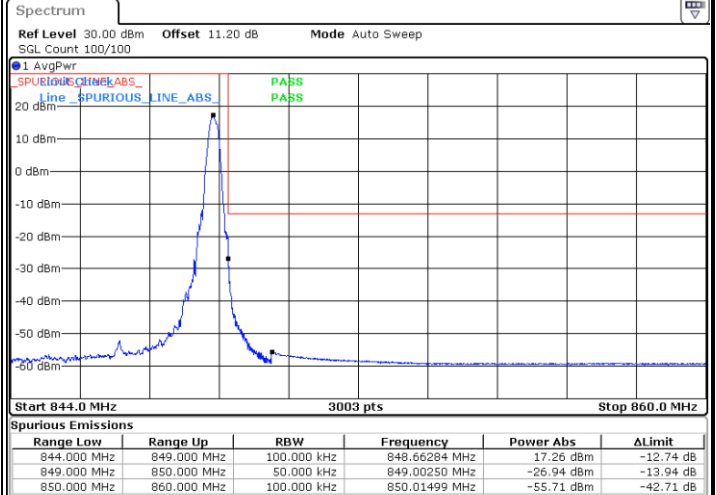
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



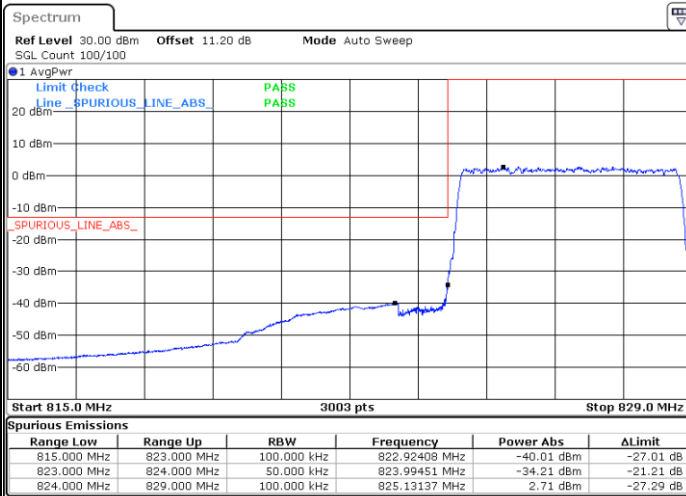
Date: 25 MAR 2021 22:52:09

Highest Band Edge / 1 RB



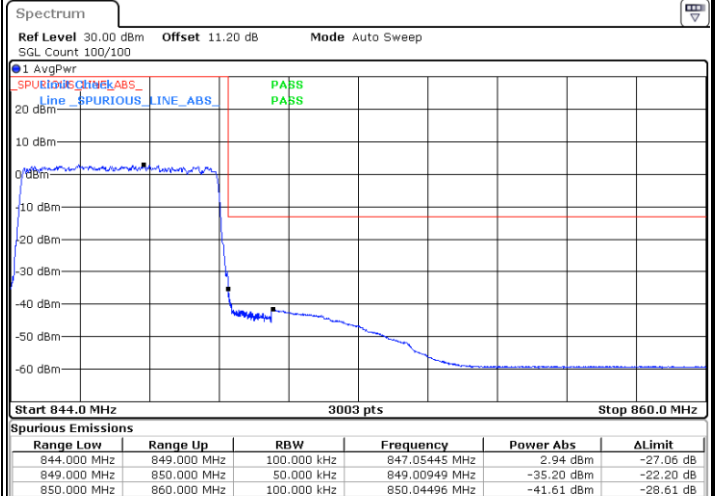
Date: 25 MAR 2021 22:53:36

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:51:26

Highest Band Edge / Full RB

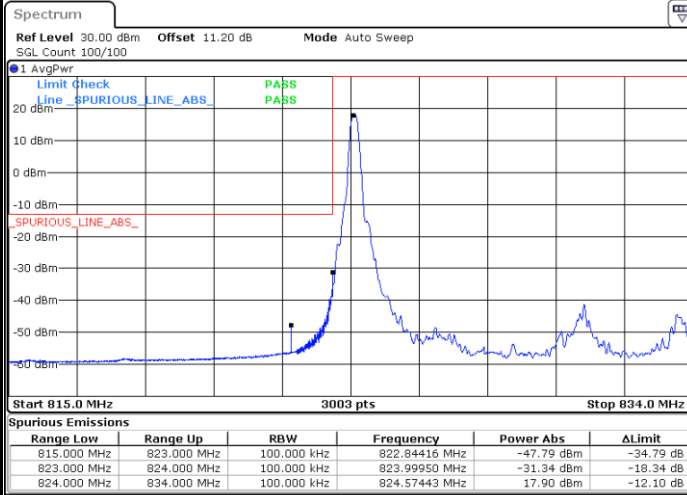


Date: 25 MAR 2021 22:54:23



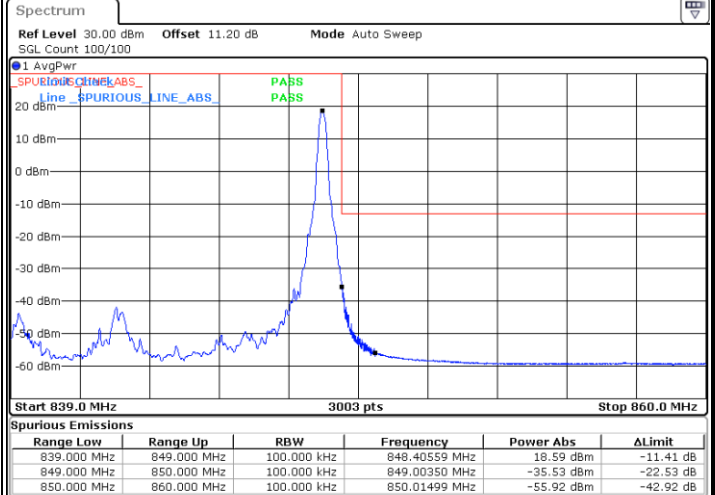
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



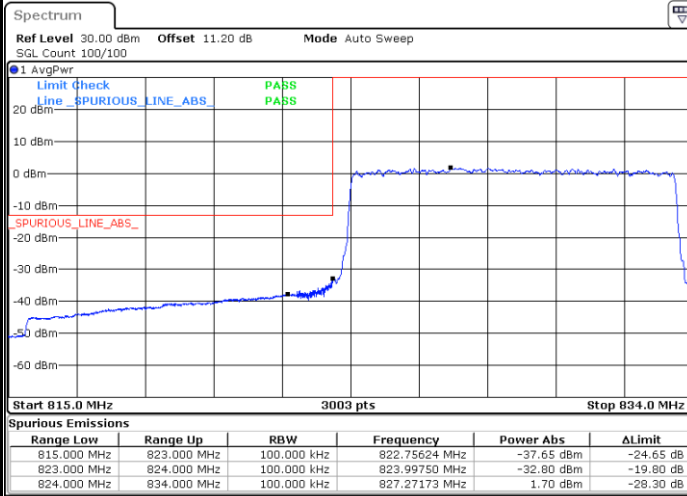
Date: 25 MAR 2021 22:57:18

Highest Band Edge / 1 RB



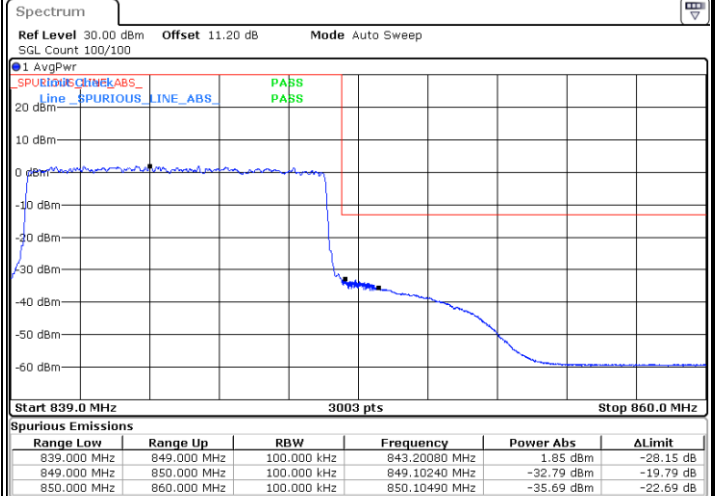
Date: 25 MAR 2021 23:01:12

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:55:07

Highest Band Edge / Full RB

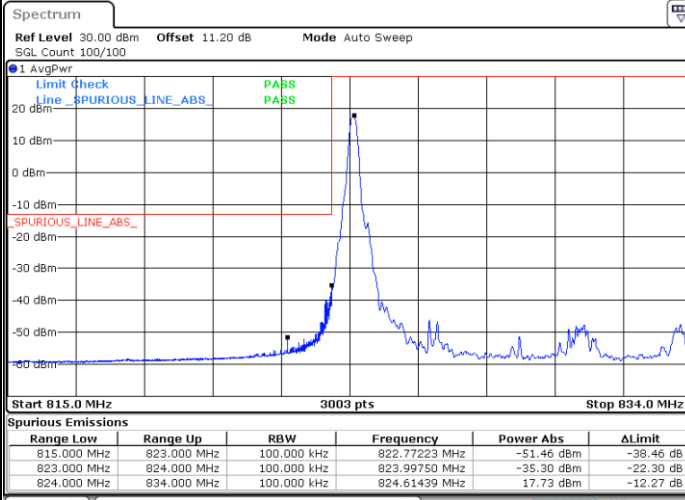


Date: 25 MAR 2021 23:03:32



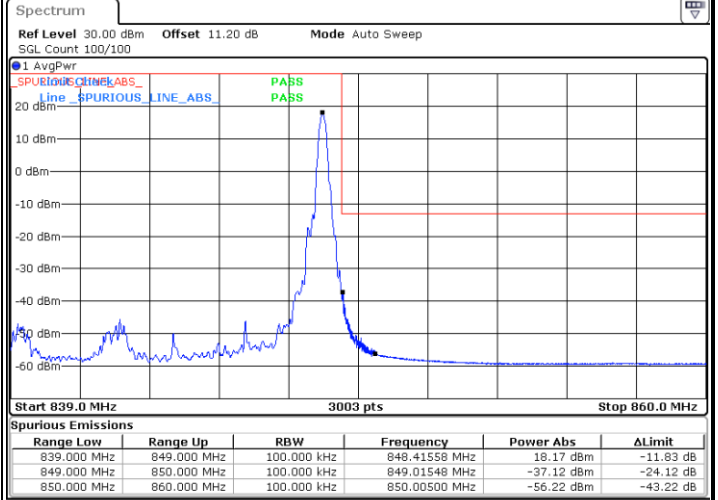
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



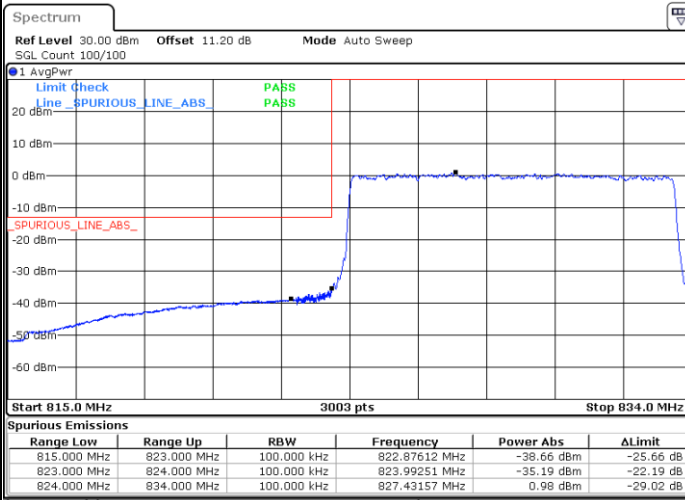
Date: 25 MAR 2021 22:56:34

Highest Band Edge / 1 RB



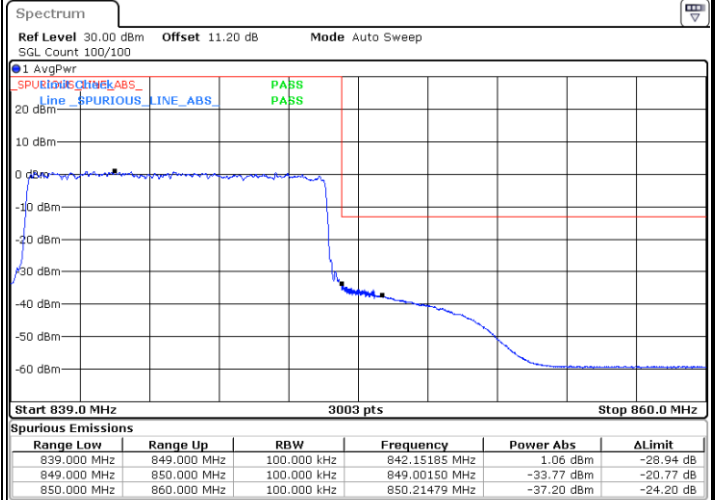
Date: 25 MAR 2021 23:01:59

Lowest Band Edge / Full RB



Date: 25 MAR 2021 22:55:51

Highest Band Edge / Full RB

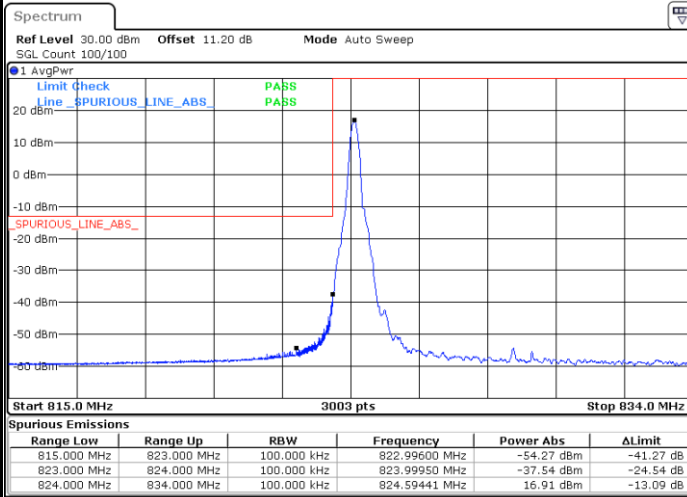


Date: 25 MAR 2021 23:02:45



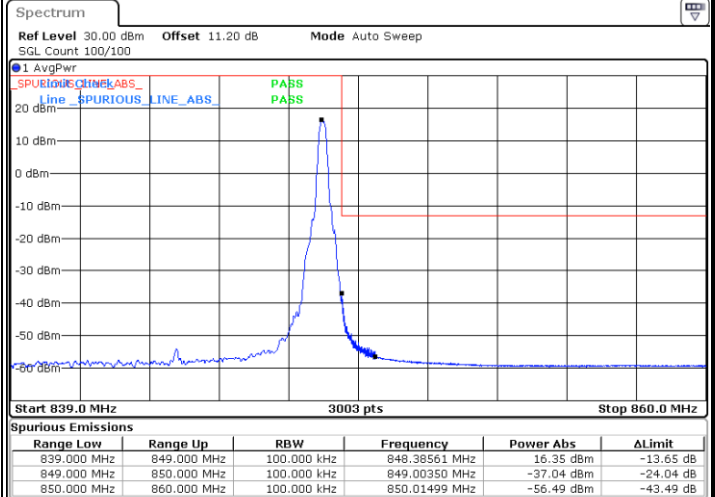
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



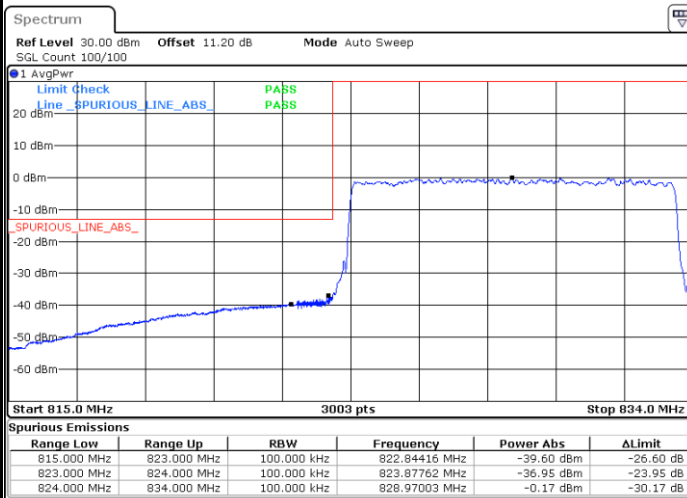
Date: 25 MAR 2021 23:05:53

Highest Band Edge / 1 RB



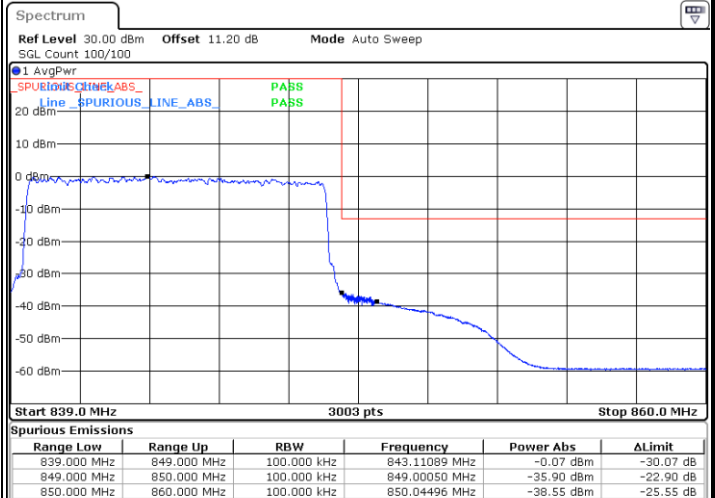
Date: 25 MAR 2021 23:07:20

Lowest Band Edge / Full RB



Date: 25 MAR 2021 23:05:09

Highest Band Edge / Full RB

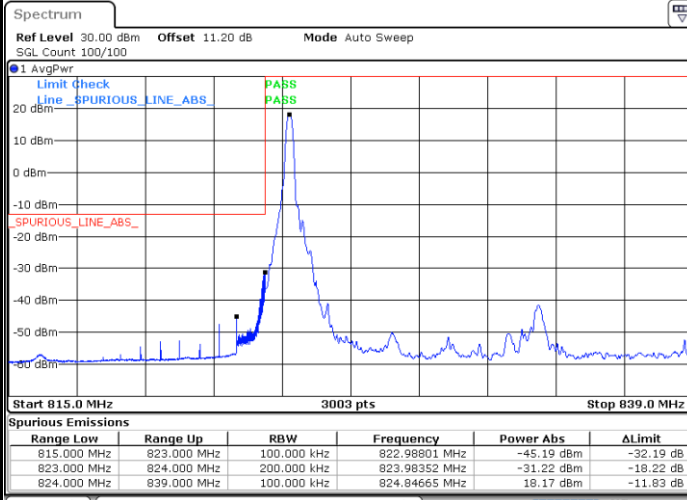


Date: 25 MAR 2021 23:08:07



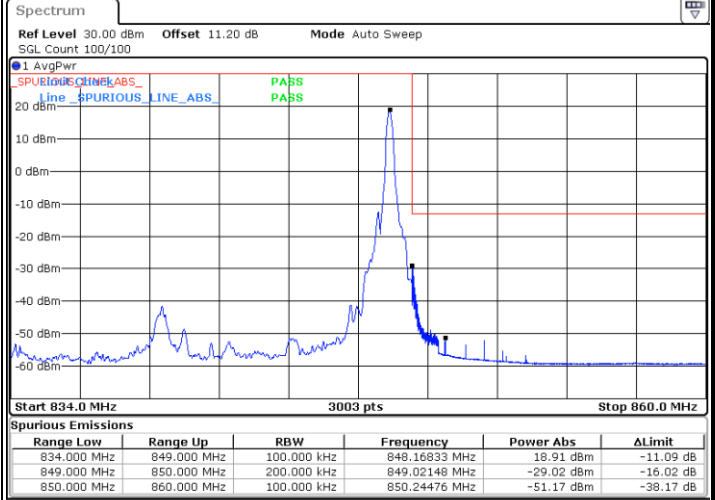
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



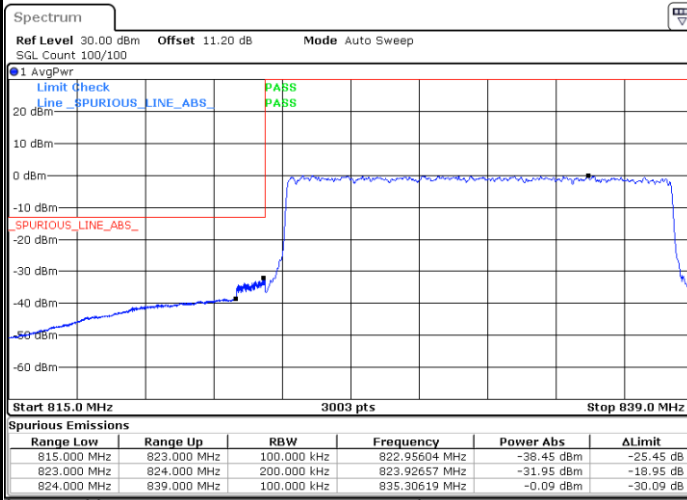
Date: 25 MAR 2021 23:14:39

Highest Band Edge / 1 RB



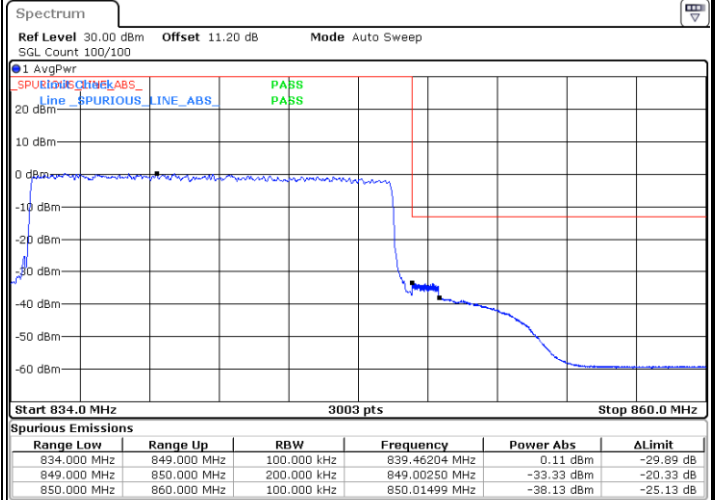
Date: 25 MAR 2021 23:18:33

Lowest Band Edge / Full RB



Date: 25 MAR 2021 23:12:30

Highest Band Edge / Full RB

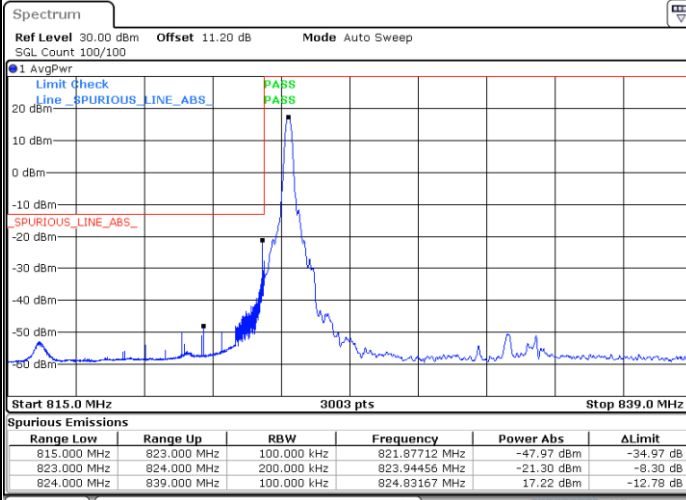


Date: 25 MAR 2021 23:20:53



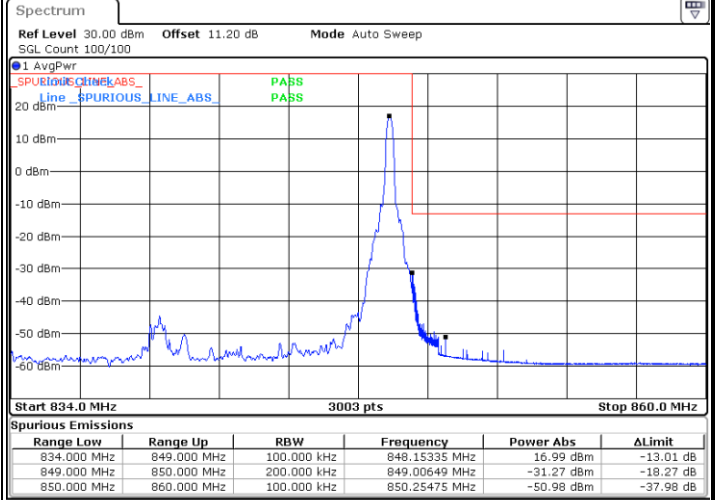
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



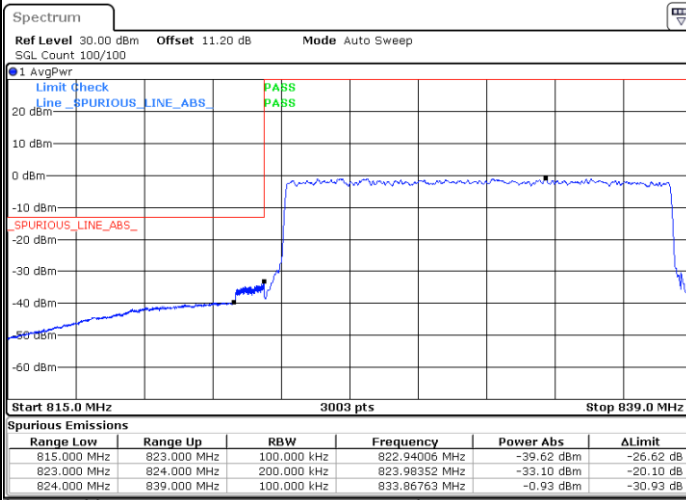
Date: 25 MAR 2021 23:13:56

Highest Band Edge / 1 RB



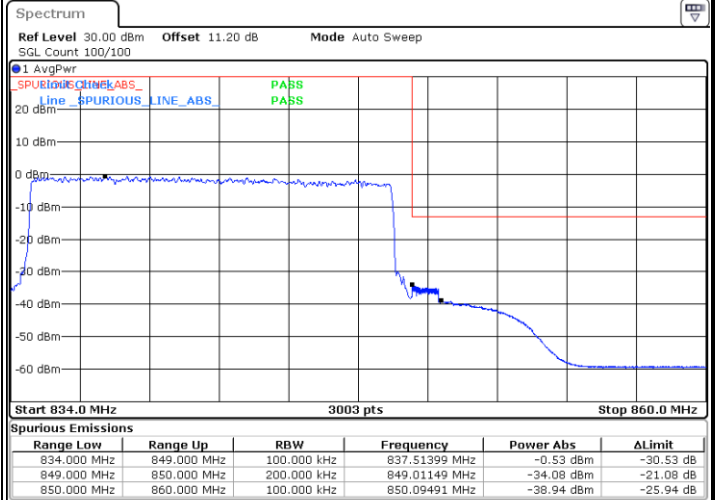
Date: 25 MAR 2021 23:19:20

Lowest Band Edge / Full RB



Date: 25 MAR 2021 23:13:13

Highest Band Edge / Full RB

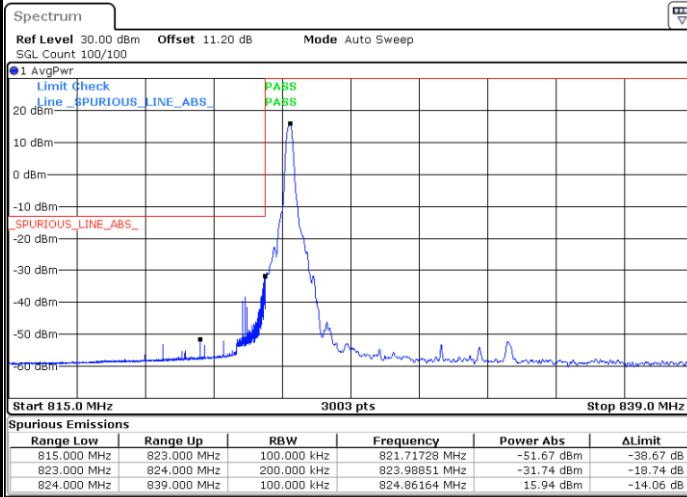


Date: 25 MAR 2021 23:20:06



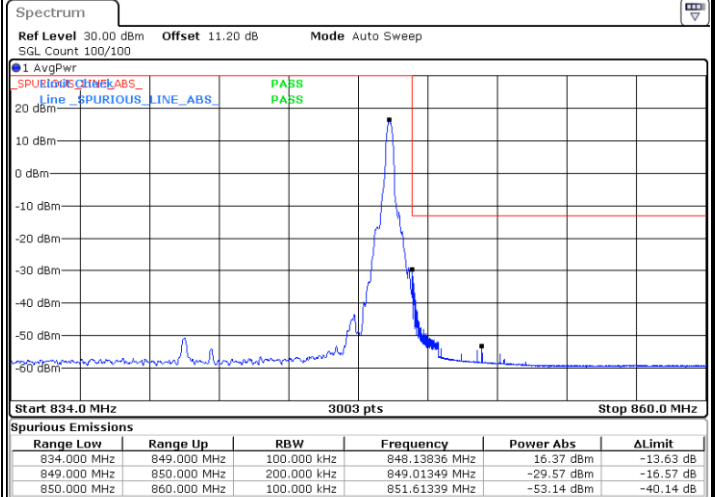
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



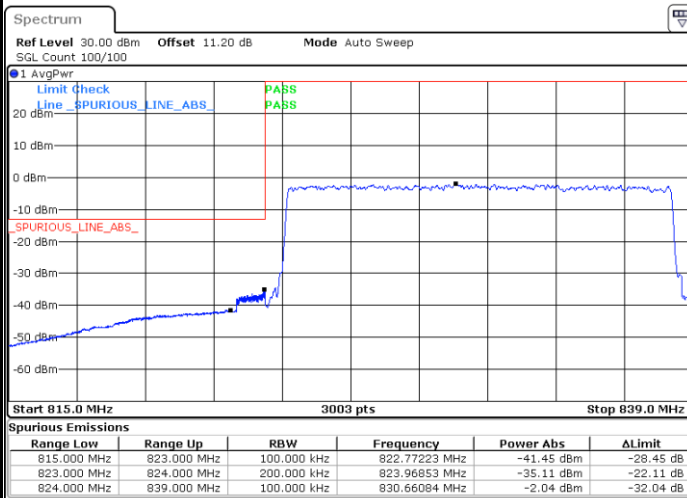
Date: 25 MAR 2021 23:09:33

Highest Band Edge / 1 RB



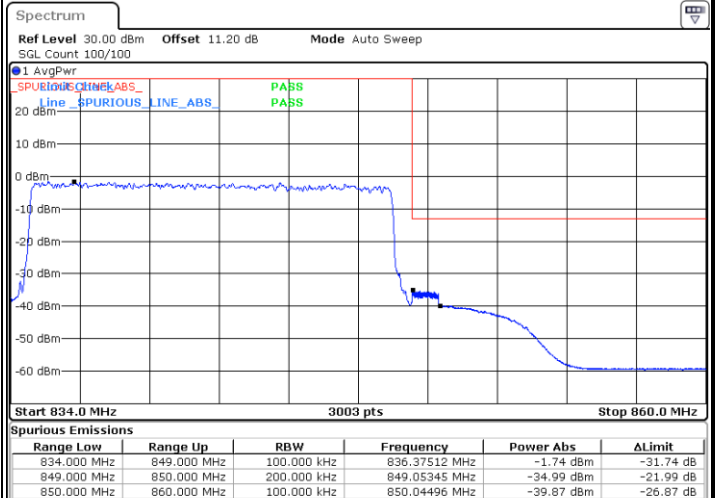
Date: 25 MAR 2021 23:11:00

Lowest Band Edge / Full RB



Date: 25 MAR 2021 23:08:50

Highest Band Edge / Full RB



Date: 25 MAR 2021 23:11:46

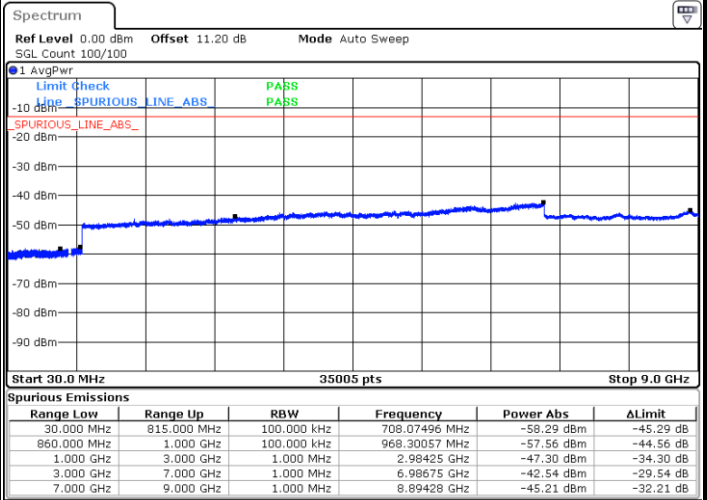
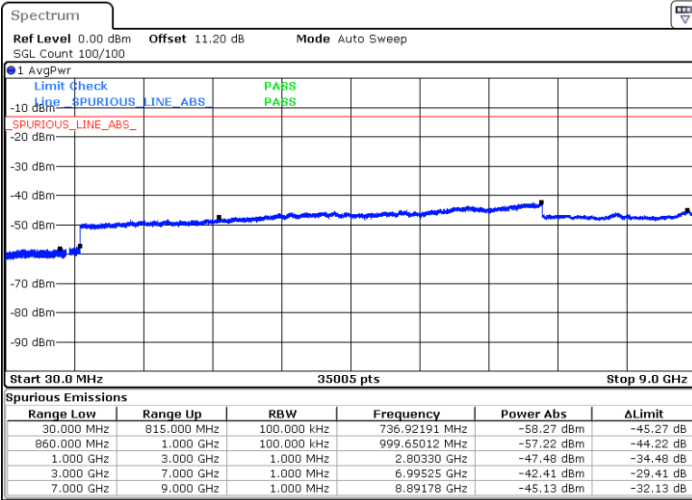


Conducted Spurious Emission

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

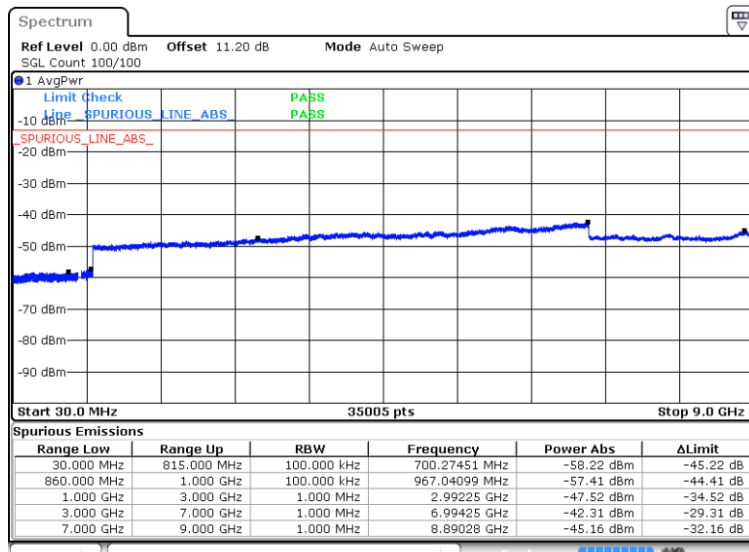
Middle Channel / QPSK



Date: 25.MAR.2021 22:16:47

Date: 25.MAR.2021 22:19:10

Highest Channel / QPSK



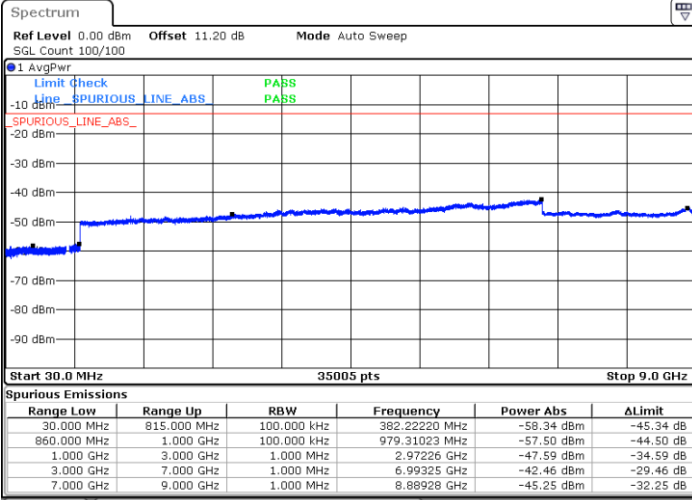
Date: 25.MAR.2021 22:23:11



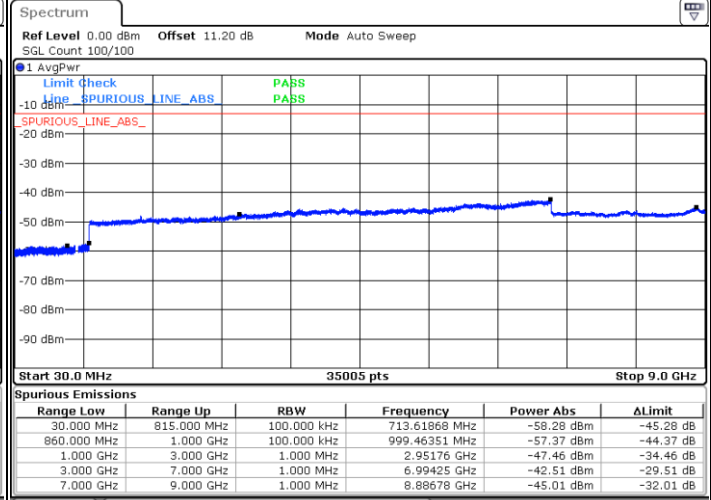
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

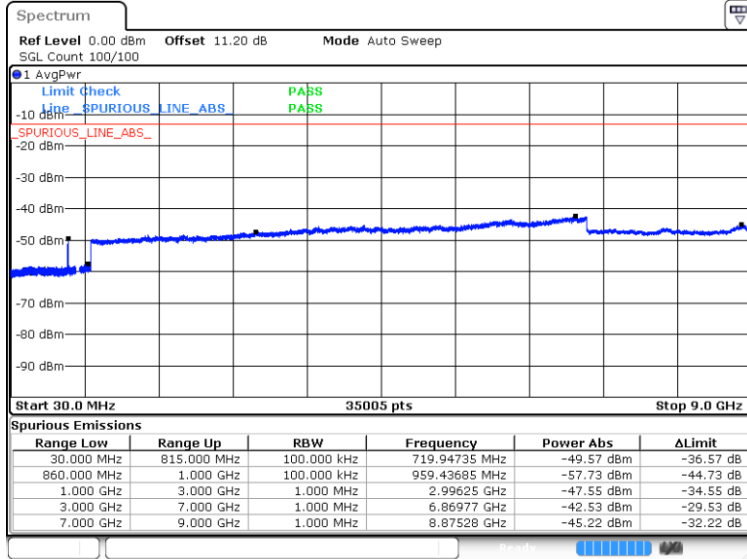


Date: 25.MAR.2021 22:34:13



Date: 25.MAR.2021 22:36:37

Highest Channel / QPSK



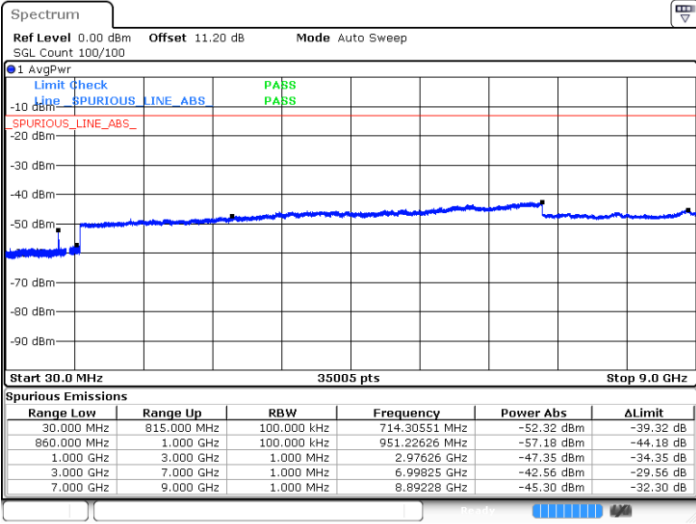
Date: 25.MAR.2021 22:40:37



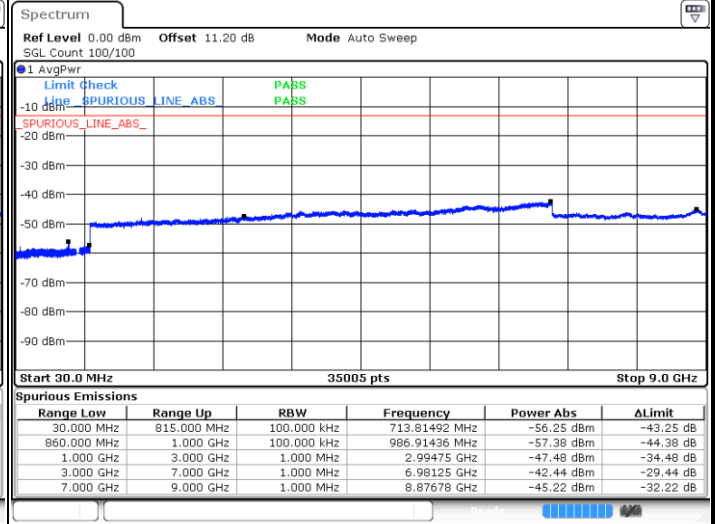
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

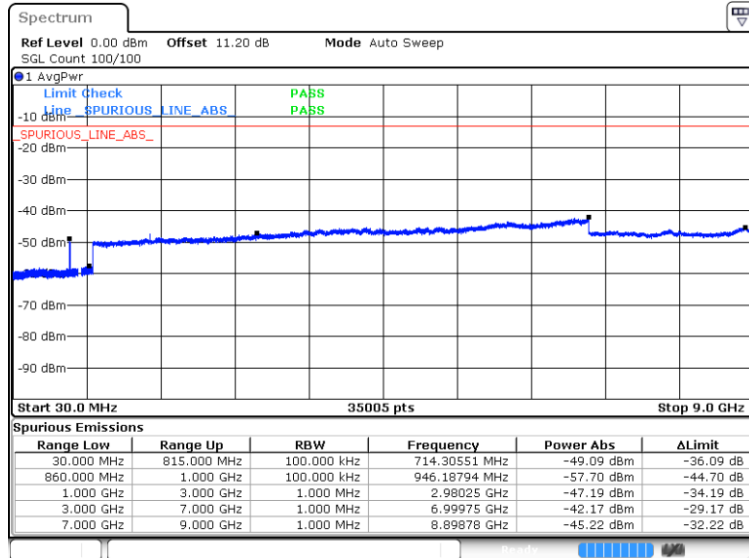


Date: 25.MAR 2021 22:44:18



Date: 25.MAR 2021 22:46:41

Highest Channel / QPSK



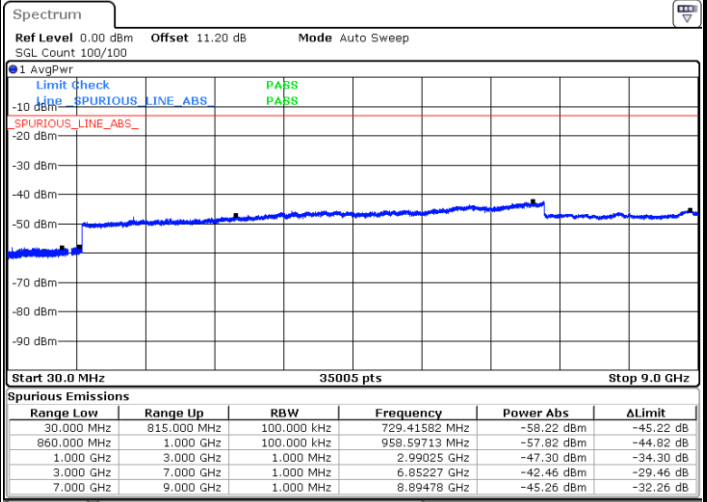
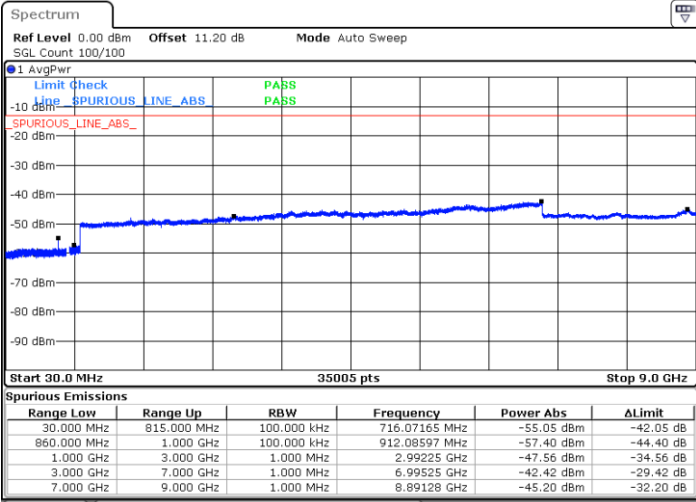
Date: 25.MAR 2021 22:50:41



LTE Band 26 / 10MHz

Lowest Channel / QPSK

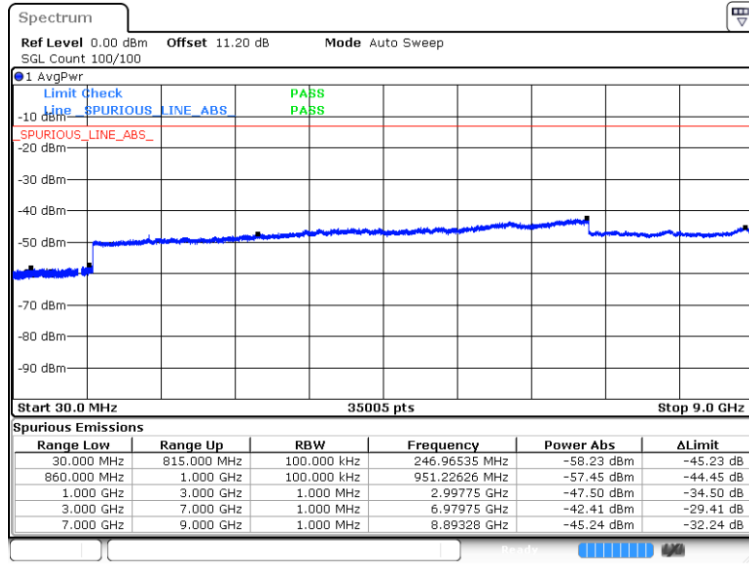
Middle Channel / QPSK



Date: 25.MAR.2021 22:58:01

Date: 25.MAR.2021 23:00:25

Highest Channel / QPSK



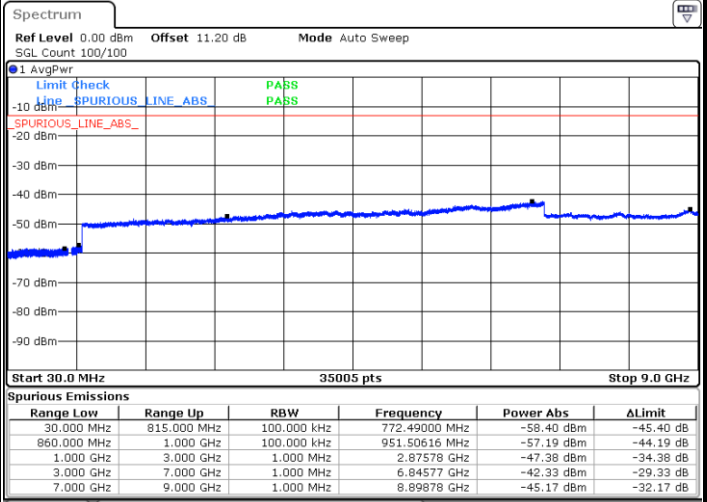
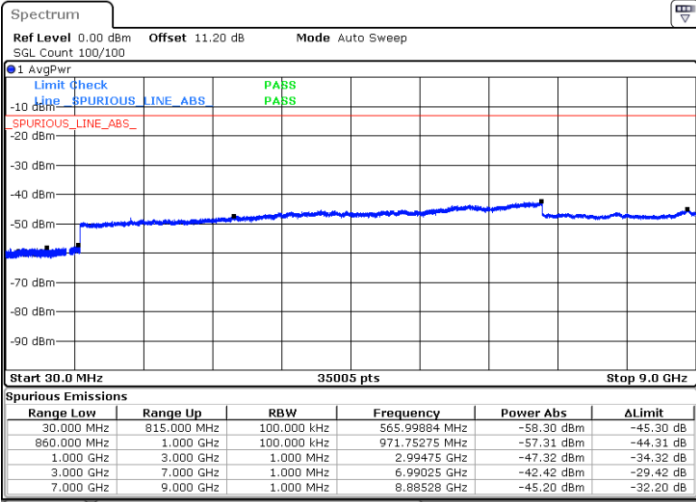
Date: 25.MAR.2021 23:04:25



LTE Band 26 / 15MHz

Lowest Channel / QPSK

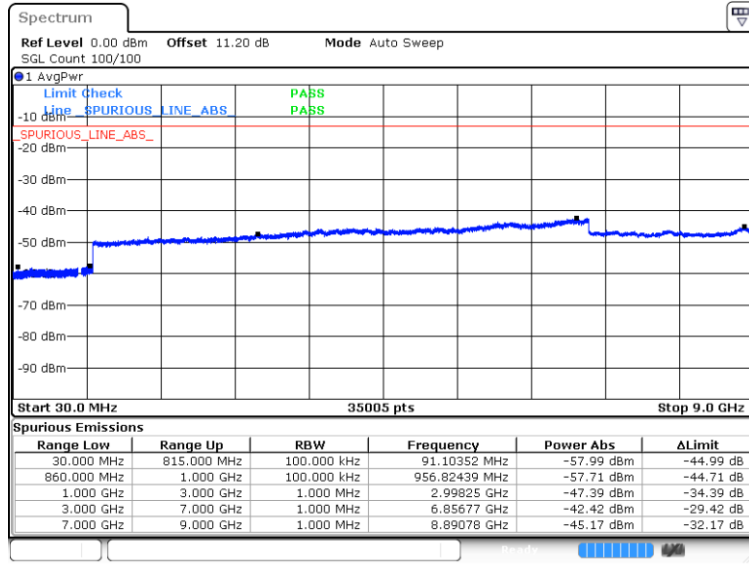
Middle Channel / QPSK



Date: 25.MAR.2021 23:15:23

Date: 25.MAR.2021 23:17:46

Highest Channel / QPSK



Date: 25.MAR.2021 23:21:46



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0091	PASS
40	Normal Voltage	0.0143	
30	Normal Voltage	0.0055	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0124	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0126	
-20	Normal Voltage	0.0094	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.67 V. ; Maximum Voltage =4.26 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

<Main>

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.09	6.14	9.45	-	PASS



LTE Band 41 / 20MHz / QPSK	LTE Band 41 / 20MHz / 16QAM																																														
Middle Channel / Full RB	Middle Channel / Full RB																																														
<table border="1"> <thead> <tr> <th colspan="7">Complementary Cumulative Distribution Function</th> <th>Samples: 130000</th> </tr> <tr> <th>Mean</th> <th>Peak</th> <th>Crest</th> <th>10%</th> <th>1%</th> <th>0.1%</th> <th>0.01%</th> </tr> </thead> <tbody> <tr> <td>Trace 1</td> <td>19.65 dBm</td> <td>28.54 dBm</td> <td>9.27 dB</td> <td>4.70 dB</td> <td>7.19 dB</td> <td>8.09 dB</td> <td>8.67 dB</td> </tr> </tbody> </table> <p>Date: 24 MAR 2021 02:02:48</p>	Complementary Cumulative Distribution Function							Samples: 130000	Mean	Peak	Crest	10%	1%	0.1%	0.01%	Trace 1	19.65 dBm	28.54 dBm	9.27 dB	4.70 dB	7.19 dB	8.09 dB	8.67 dB	<table border="1"> <thead> <tr> <th colspan="7">Complementary Cumulative Distribution Function</th> <th>Samples: 130000</th> </tr> <tr> <th>Mean</th> <th>Peak</th> <th>Crest</th> <th>10%</th> <th>1%</th> <th>0.1%</th> <th>0.01%</th> </tr> </thead> <tbody> <tr> <td>Trace 1</td> <td>21.79 dBm</td> <td>28.90 dBm</td> <td>7.11 dB</td> <td>3.19 dB</td> <td>5.16 dB</td> <td>6.14 dB</td> <td>6.84 dB</td> </tr> </tbody> </table> <p>Date: 24 MAR 2021 02:02:20</p>	Complementary Cumulative Distribution Function							Samples: 130000	Mean	Peak	Crest	10%	1%	0.1%	0.01%	Trace 1	21.79 dBm	28.90 dBm	7.11 dB	3.19 dB	5.16 dB	6.14 dB	6.84 dB
Complementary Cumulative Distribution Function							Samples: 130000																																								
Mean	Peak	Crest	10%	1%	0.1%	0.01%																																									
Trace 1	19.65 dBm	28.54 dBm	9.27 dB	4.70 dB	7.19 dB	8.09 dB	8.67 dB																																								
Complementary Cumulative Distribution Function							Samples: 130000																																								
Mean	Peak	Crest	10%	1%	0.1%	0.01%																																									
Trace 1	21.79 dBm	28.90 dBm	7.11 dB	3.19 dB	5.16 dB	6.14 dB	6.84 dB																																								
LTE Band 41 / 20MHz / 64QAM	N/A																																														
Middle Channel / Full RB	N/A																																														
<table border="1"> <thead> <tr> <th colspan="7">Complementary Cumulative Distribution Function</th> <th>Samples: 130000</th> </tr> <tr> <th>Mean</th> <th>Peak</th> <th>Crest</th> <th>10%</th> <th>1%</th> <th>0.1%</th> <th>0.01%</th> </tr> </thead> <tbody> <tr> <td>Trace 1</td> <td>16.85 dBm</td> <td>28.32 dBm</td> <td>11.48 dB</td> <td>5.25 dB</td> <td>8.00 dB</td> <td>9.45 dB</td> <td>10.52 dB</td> </tr> </tbody> </table> <p>Date: 24 MAR 2021 20:21:11</p>	Complementary Cumulative Distribution Function							Samples: 130000	Mean	Peak	Crest	10%	1%	0.1%	0.01%	Trace 1	16.85 dBm	28.32 dBm	11.48 dB	5.25 dB	8.00 dB	9.45 dB	10.52 dB	N/A																							
Complementary Cumulative Distribution Function							Samples: 130000																																								
Mean	Peak	Crest	10%	1%	0.1%	0.01%																																									
Trace 1	16.85 dBm	28.32 dBm	11.48 dB	5.25 dB	8.00 dB	9.45 dB	10.52 dB																																								



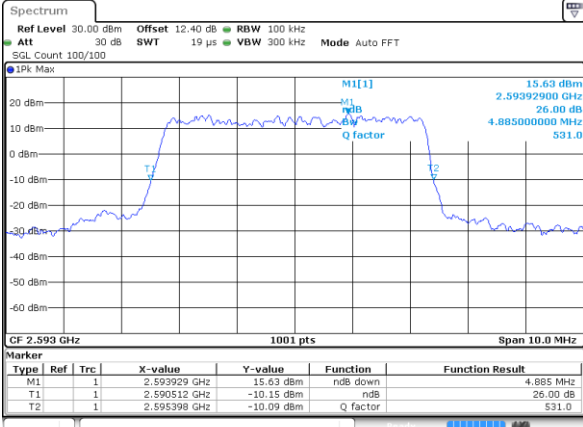
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.89	4.81	9.87	9.89	14.45	14.33	19.26	18.90
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.82	-	9.67	-	14.36	-	19.06	-



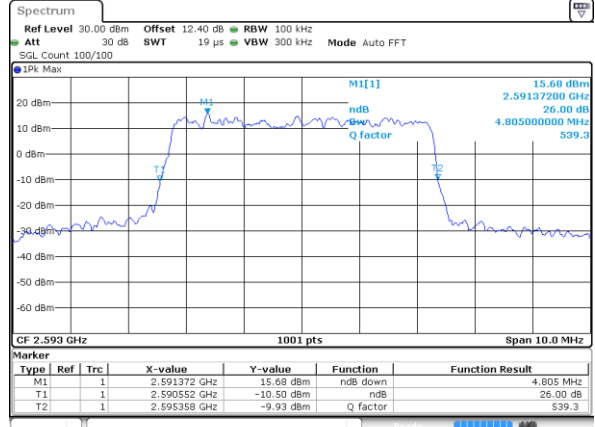
LTE Band 41

Middle Channel / 5MHz / QPSK



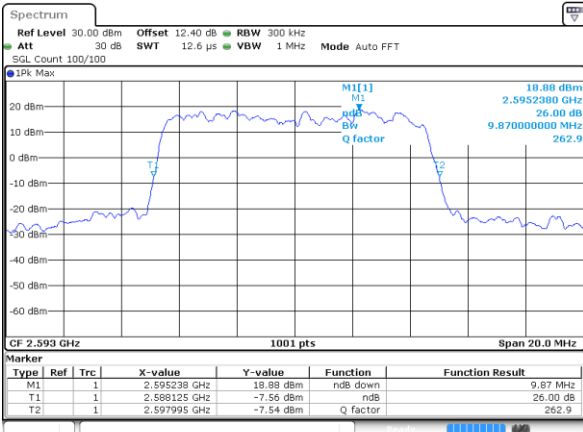
Date: 24 MAR 2021 00:59:20

Middle Channel / 5MHz / 16QAM



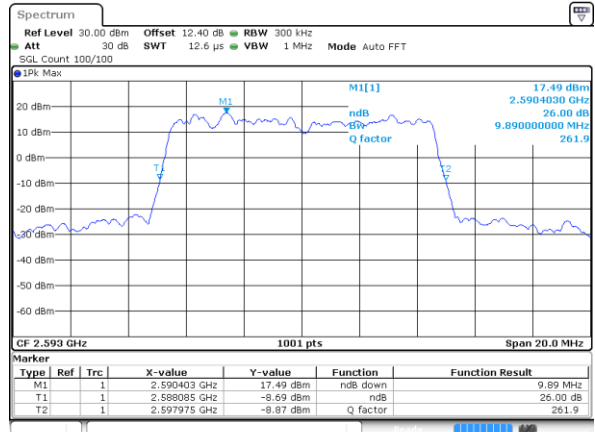
Date: 24 MAR 2021 00:59:43

Middle Channel / 10MHz / QPSK



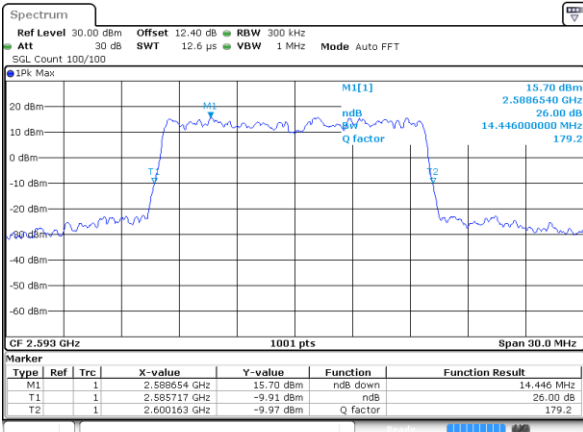
Date: 24 MAR 2021 01:15:17

Middle Channel / 10MHz / 16QAM



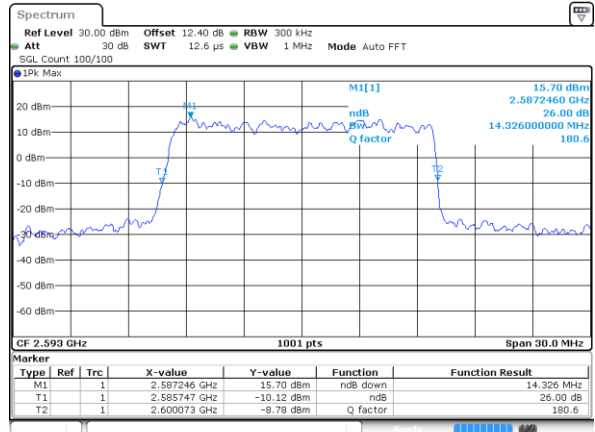
Date: 24 MAR 2021 01:15:41

Middle Channel / 15MHz / QPSK



Date: 24 MAR 2021 01:31:17

Middle Channel / 15MHz / 16QAM

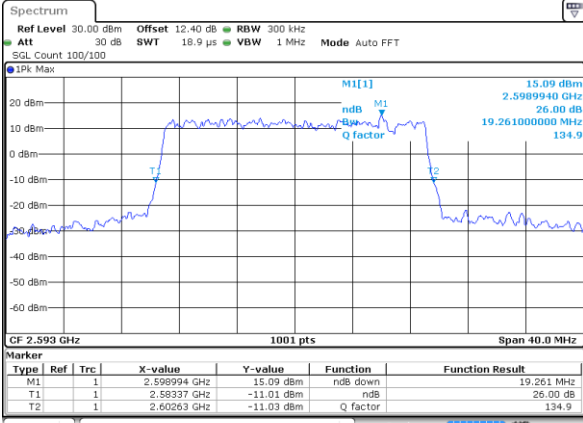


Date: 24 MAR 2021 01:31:40



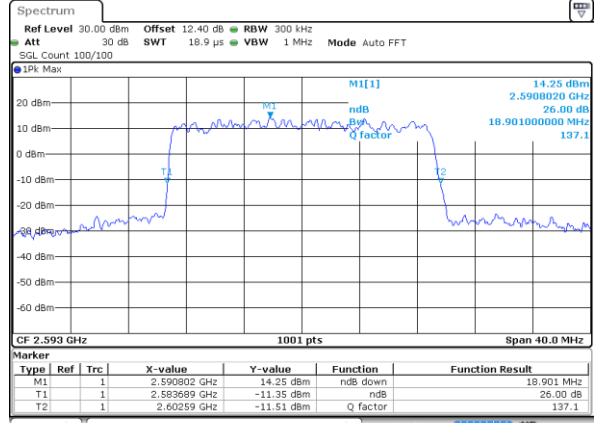
LTE Band 41

Middle Channel / 20MHz / QPSK



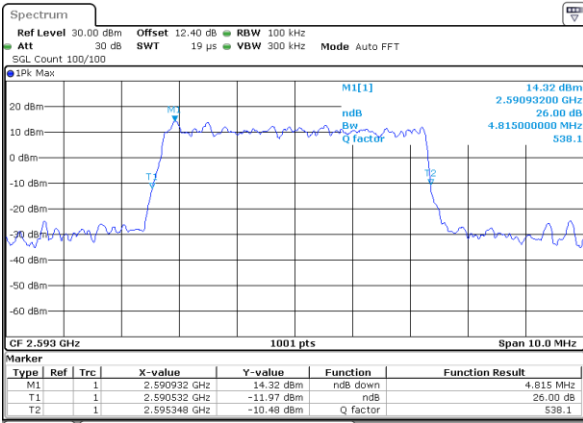
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Middle Channel / 20MHz / 16QAM



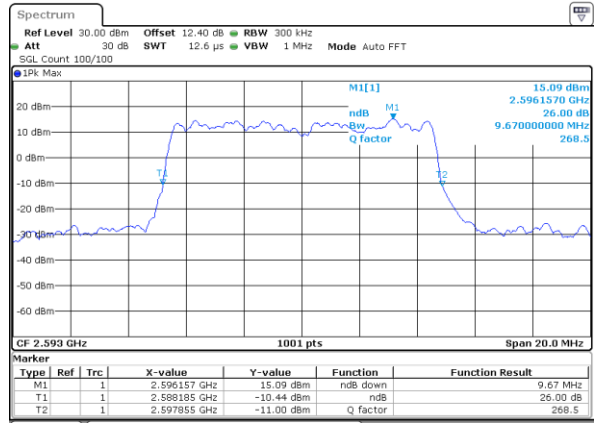
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Middle Channel / 5MHz / 64QAM



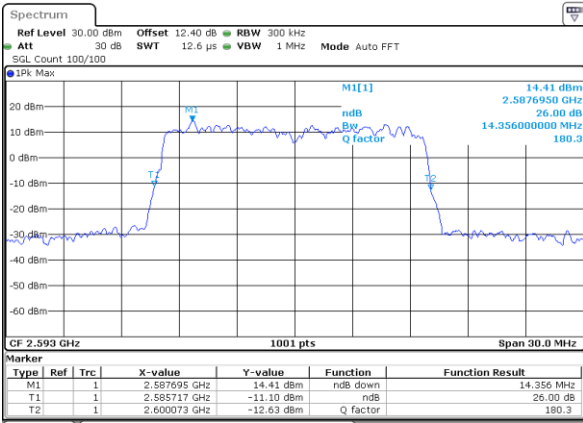
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Middle Channel / 10MHz / 64QAM



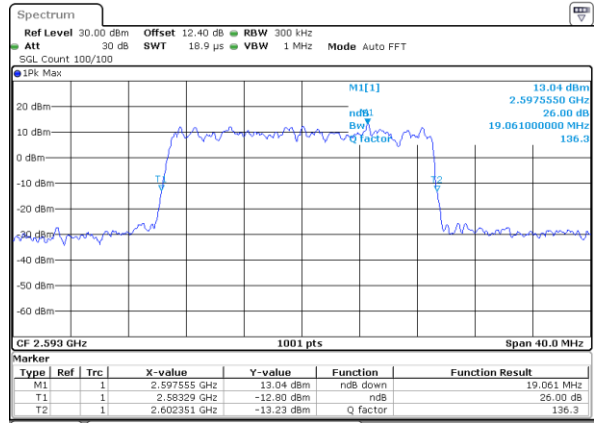
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Middle Channel / 15MHz / 64QAM



Date: 24 MAR 2021 20:13:34

Middle Channel / 20MHz / 64QAM



Date: 24 MAR 2021 20:17:30



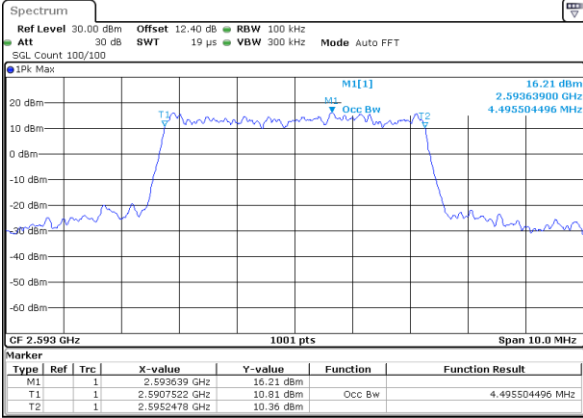
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	9.01	8.95	13.49	13.46	17.86	17.82
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.52	-	9.01	-	13.40	-	17.82	-



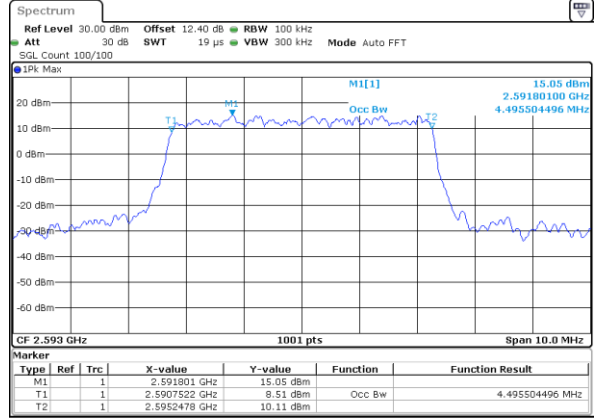
LTE Band 41

Middle Channel / 5MHz / QPSK



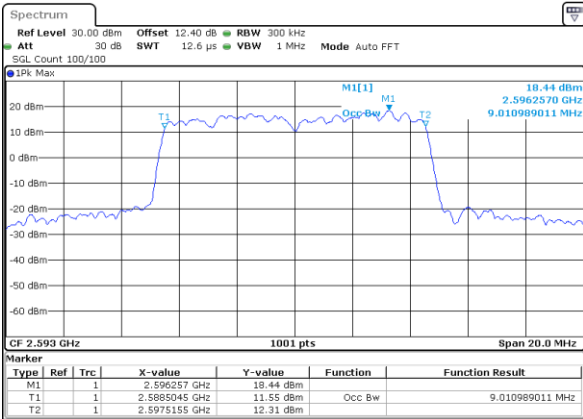
Date: 24 MAR 2021 00:58:04

Middle Channel / 5MHz / 16QAM



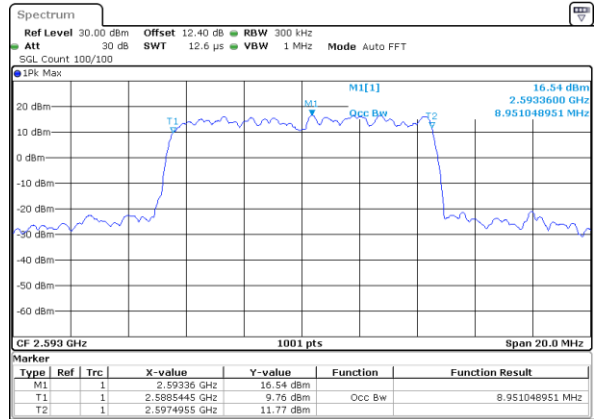
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Middle Channel / 10MHz / QPSK



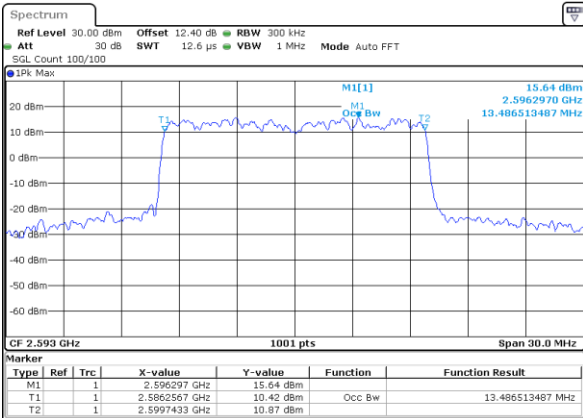
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Middle Channel / 10MHz / 16QAM



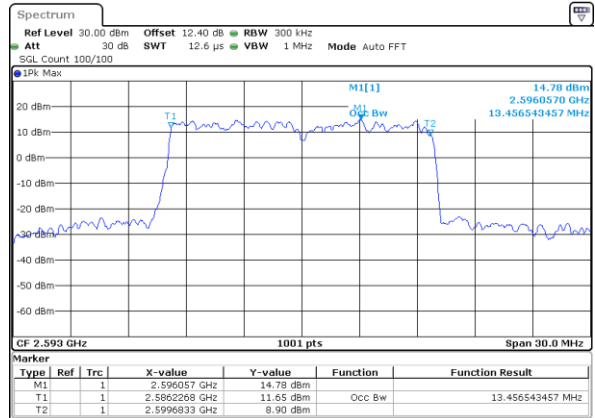
Date: 24 MAR 2021 01:14:26

Middle Channel / 15MHz / QPSK



Date: 24 MAR 2021 01:29:59

Middle Channel / 15MHz / 16QAM

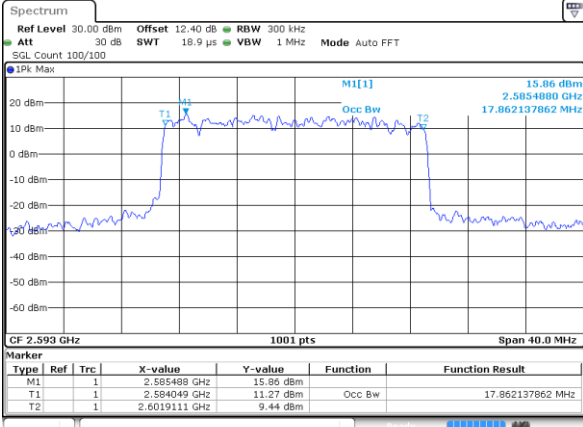


Date: 24 MAR 2021 01:30:25



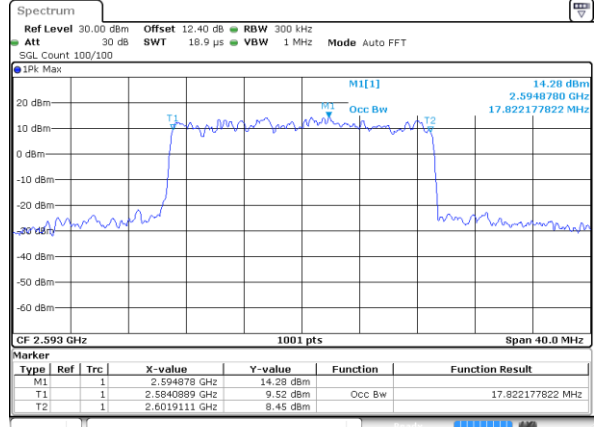
LTE Band 41

Middle Channel / 20MHz / QPSK



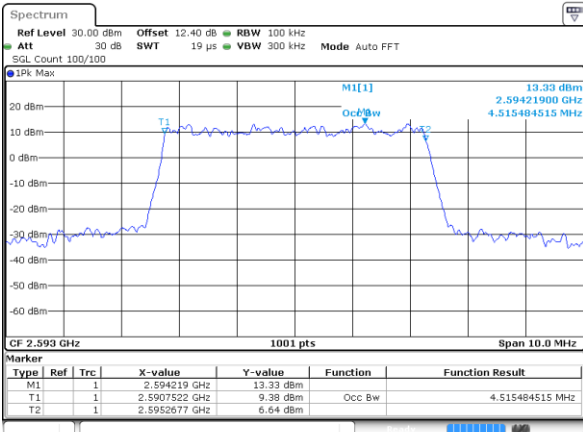
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Middle Channel / 20MHz / 16QAM



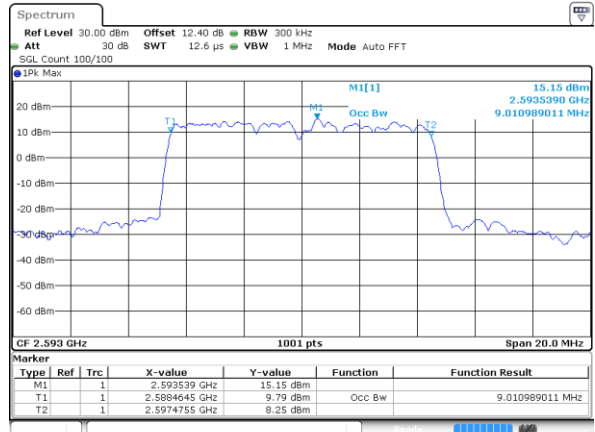
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Middle Channel / 5MHz / 64QAM



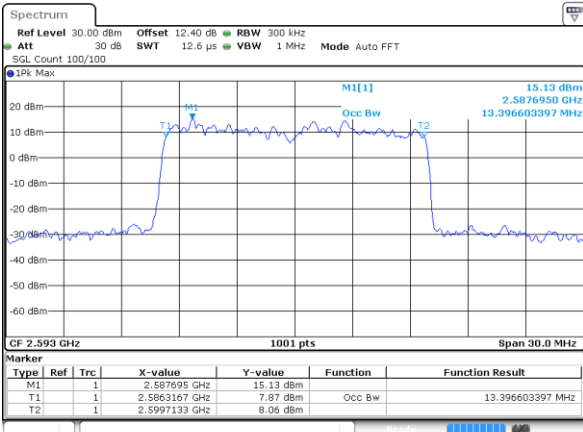
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Middle Channel / 10MHz / 64QAM



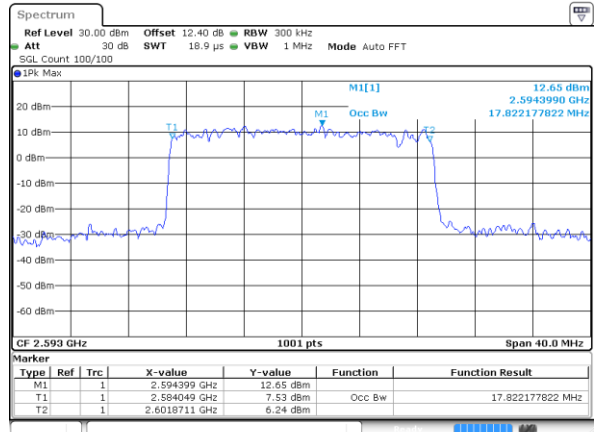
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Middle Channel / 15MHz / 64QAM



Date: 24 MAR 2021 20:13:18

Middle Channel / 20MHz / 64QAM



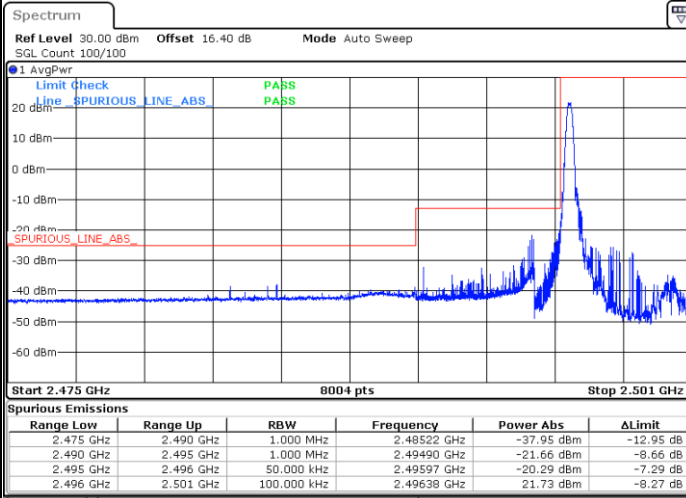
Date: 24 MAR 2021 20:17:14



Conducted Band Edge

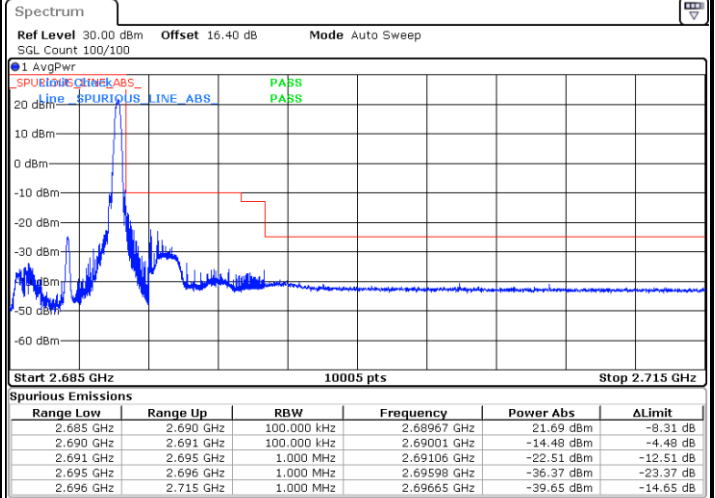
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



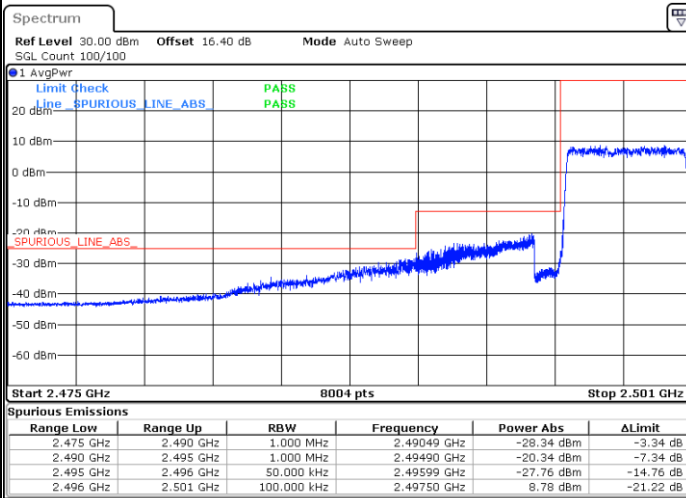
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Highest Band Edge / 1 RB



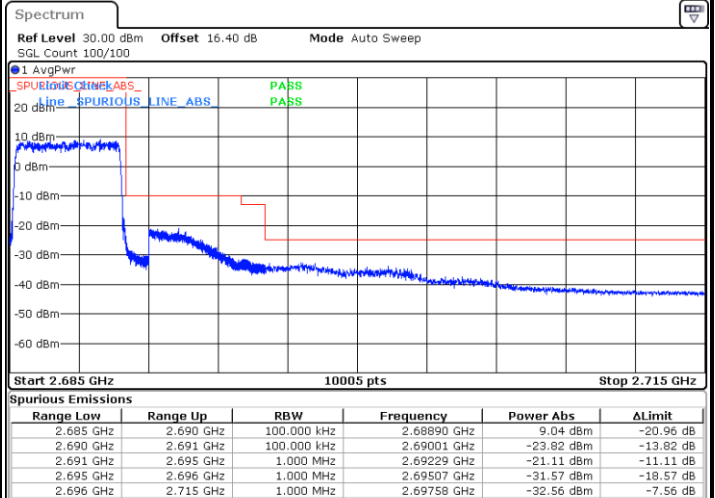
Date: 24 MAR 2021 01:04:11

Lowest Band Edge / Full RB



Date: 25 MAR 2021 03:27:40

Highest Band Edge / Full RB

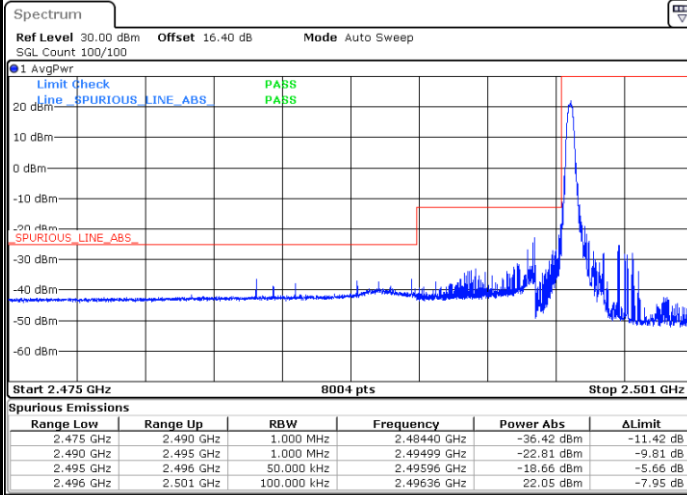


Date: 24 MAR 2021 01:05:49



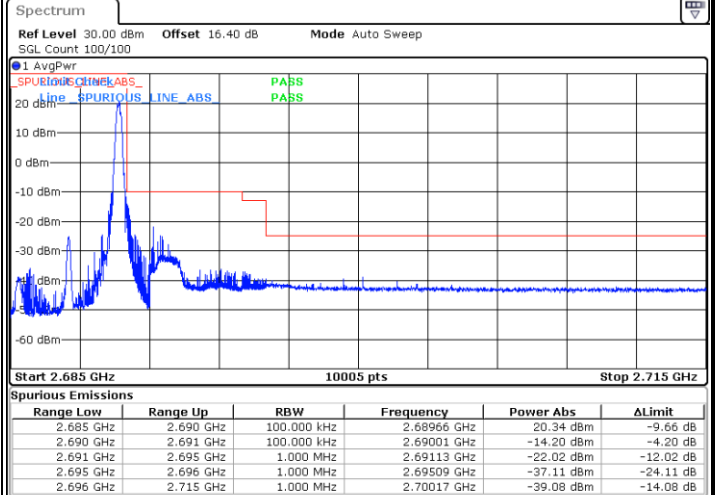
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



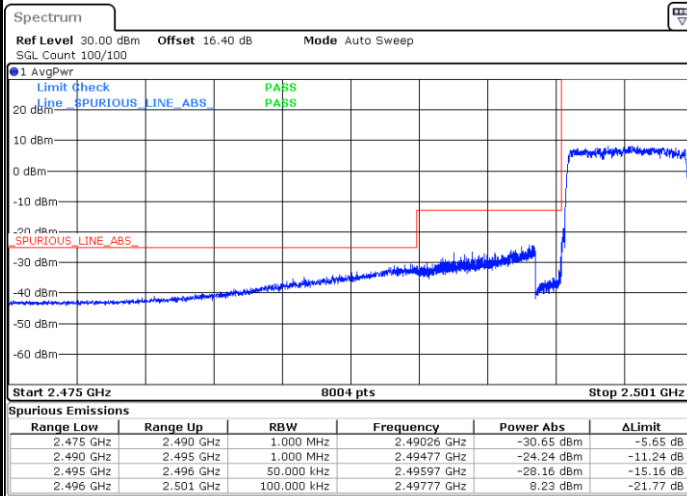
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Highest Band Edge / 1 RB



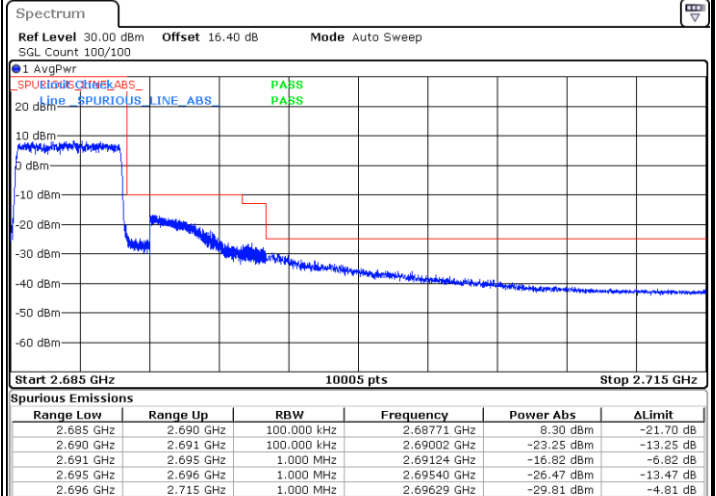
Date: 25 MAR 2021 03:29:26

Lowest Band Edge / Full RB



Date: 24 MAR 2021 01:03:22

Highest Band Edge / Full RB



Date: 24 MAR 2021 01:06:38