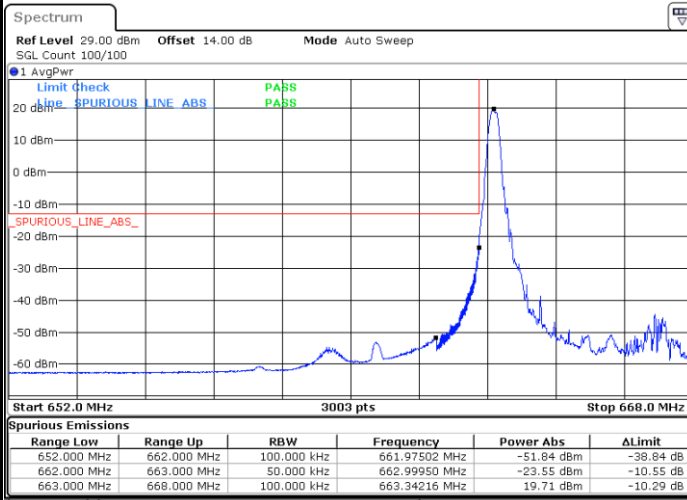




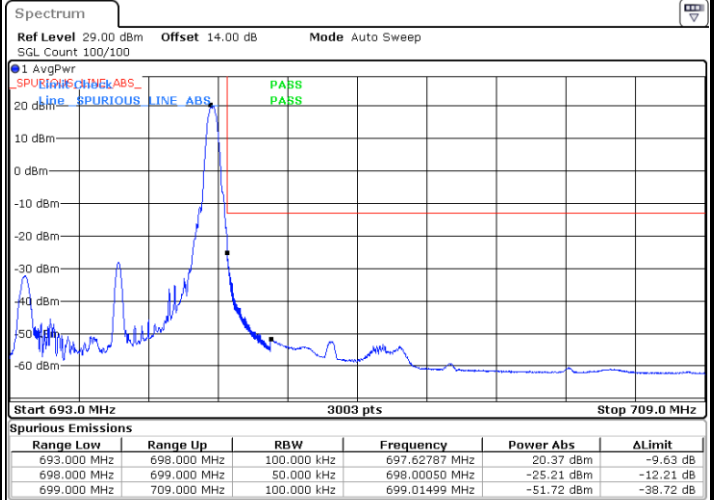
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



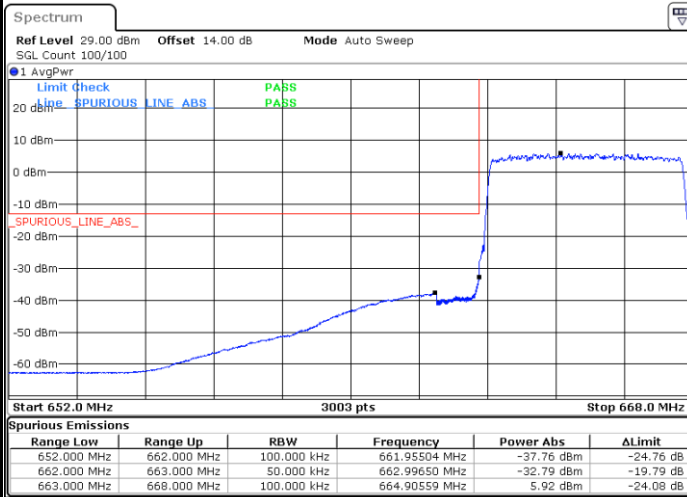
Date: 24.DEC.2021 22:08:13

Highest Band Edge / 1 RB



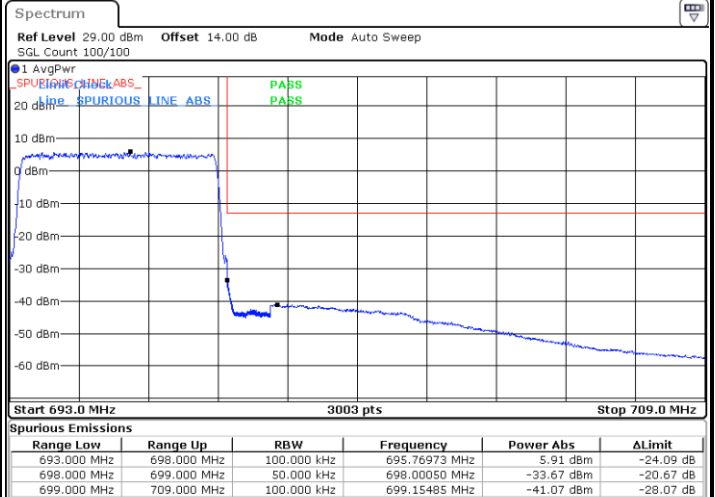
Date: 24.DEC.2021 22:21:14

Lowest Band Edge / Full RB



Date: 24.DEC.2021 22:10:41

Highest Band Edge / Full RB

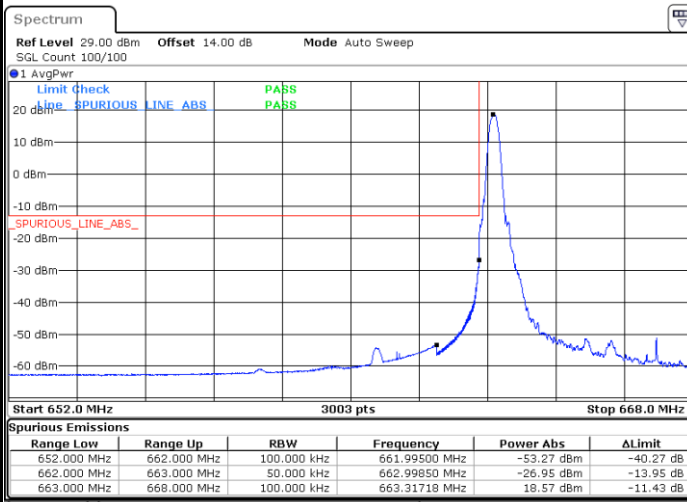


Date: 24.DEC.2021 22:23:43



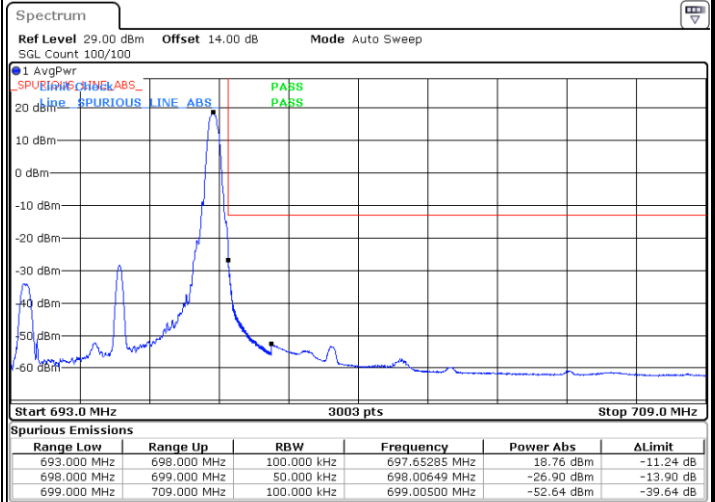
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



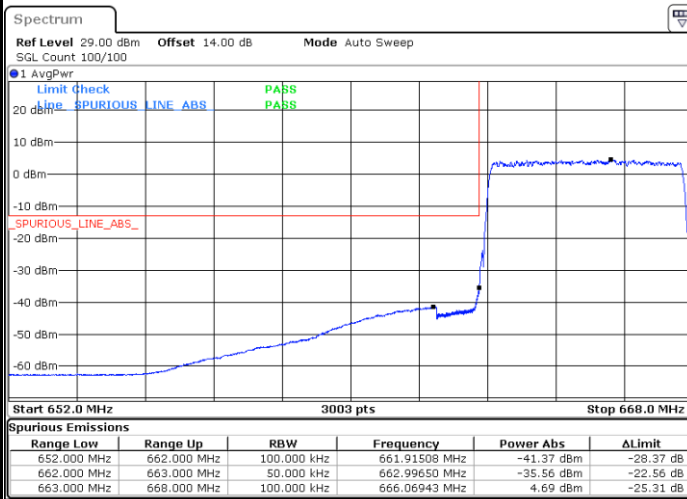
Date: 24.DEC.2021 22:28:02

Highest Band Edge / 1 RB



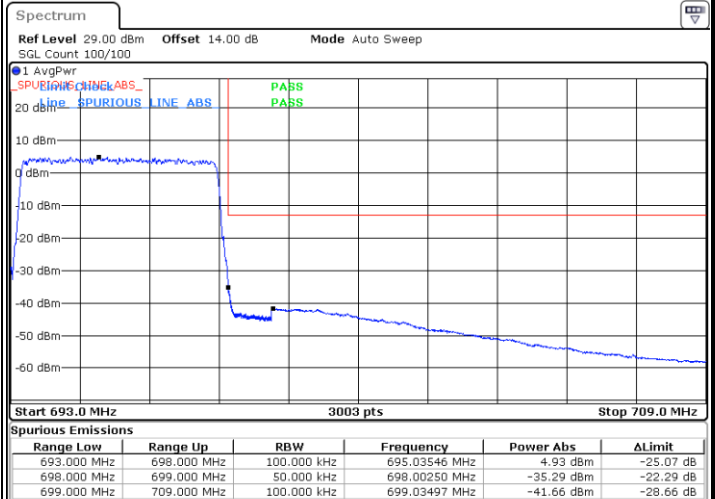
Date: 24.DEC.2021 22:34:16

Lowest Band Edge / Full RB



Date: 24.DEC.2021 22:29:16

Highest Band Edge / Full RB

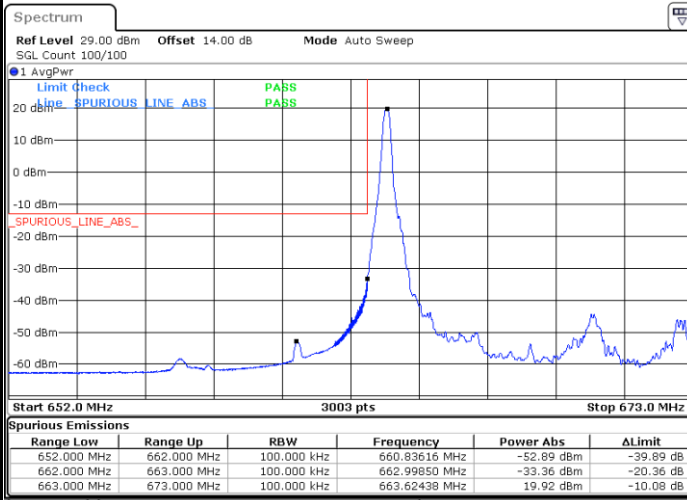


Date: 24.DEC.2021 22:35:30



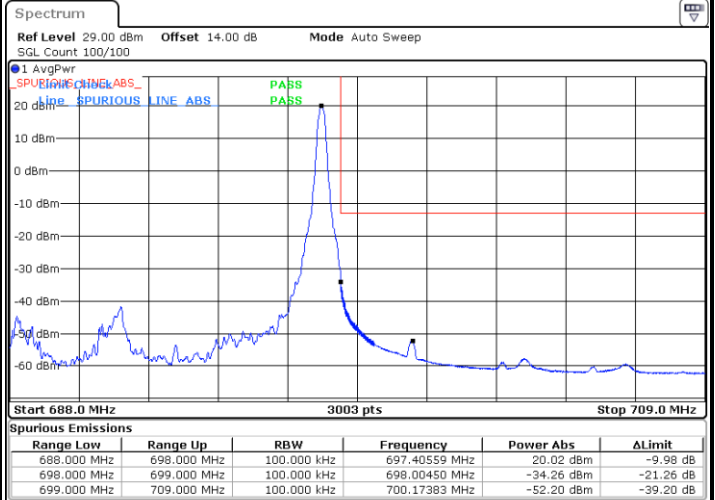
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



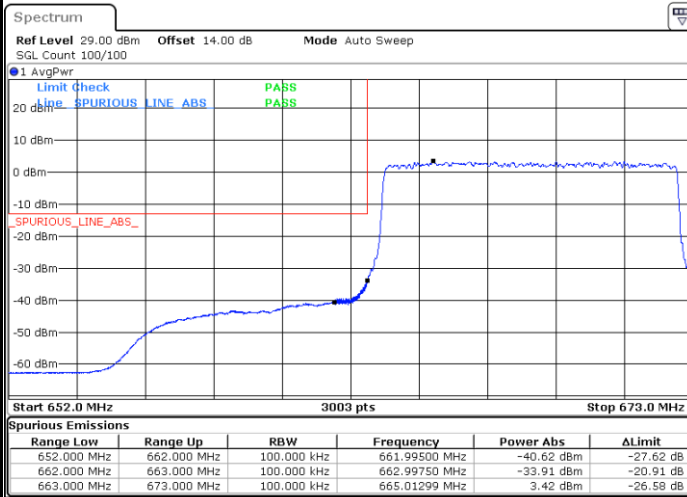
Date: 24.DEC.2021 22:39:37

Highest Band Edge / 1 RB



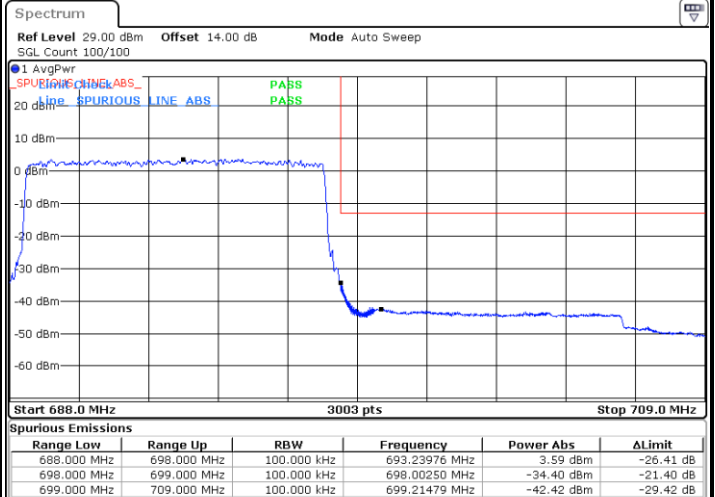
Date: 24.DEC.2021 22:52:38

Lowest Band Edge / Full RB



Date: 24.DEC.2021 22:42:05

Highest Band Edge / Full RB

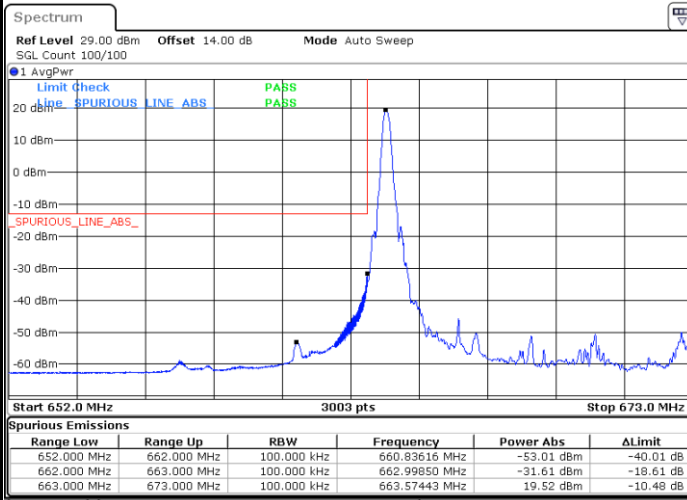


Date: 24.DEC.2021 22:55:06



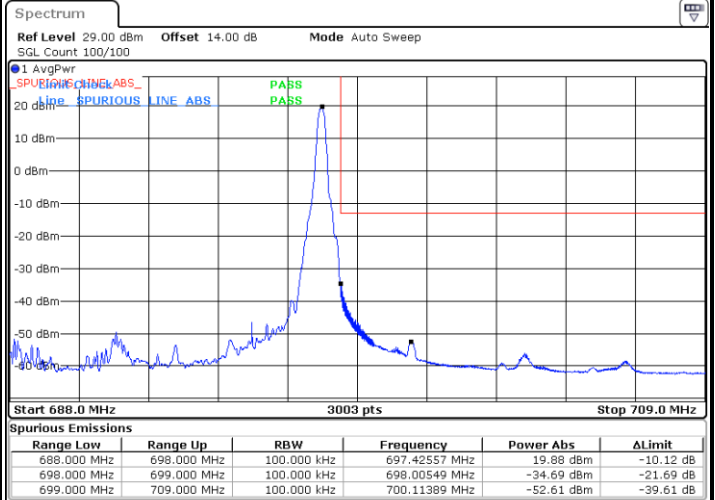
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



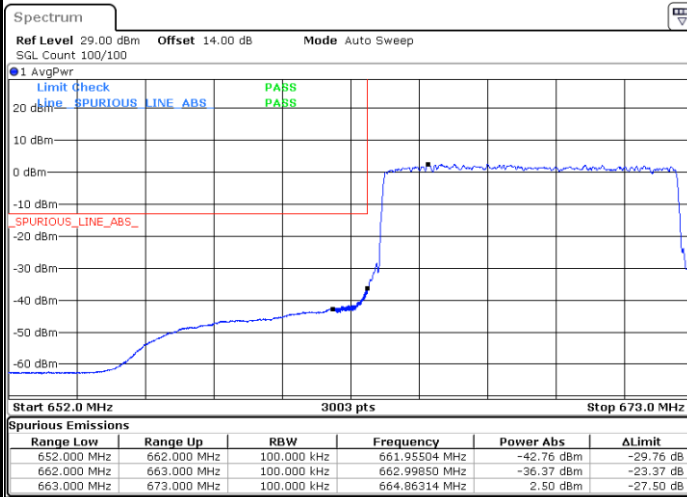
Date: 24.DEC.2021 22:40:51

Highest Band Edge / 1 RB



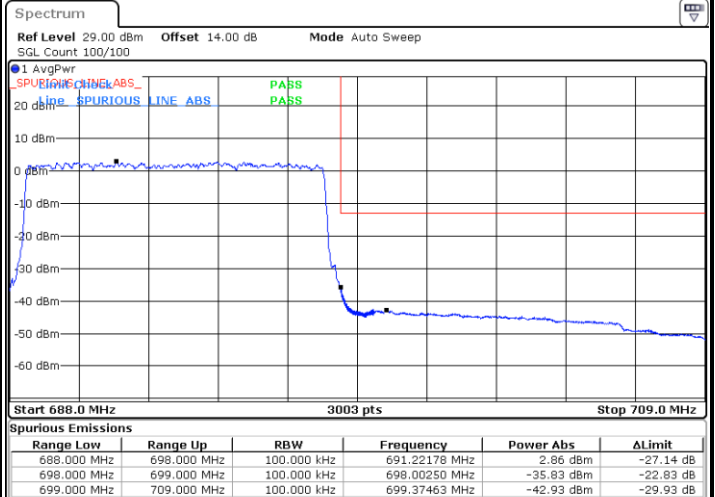
Date: 24.DEC.2021 22:53:52

Lowest Band Edge / Full RB



Date: 24.DEC.2021 22:43:19

Highest Band Edge / Full RB

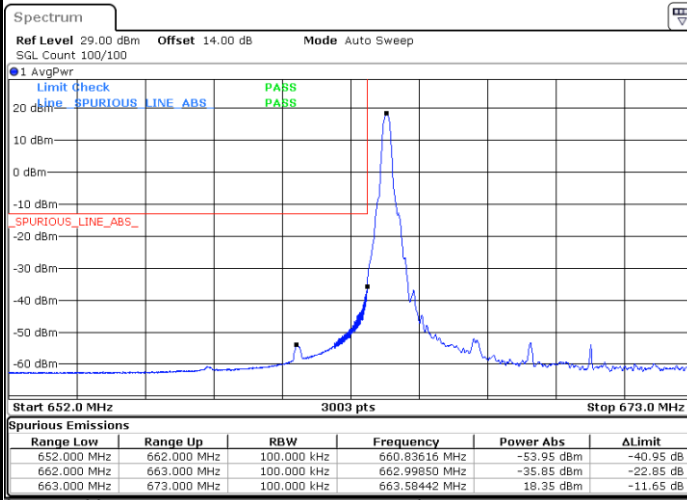


Date: 24.DEC.2021 22:56:20



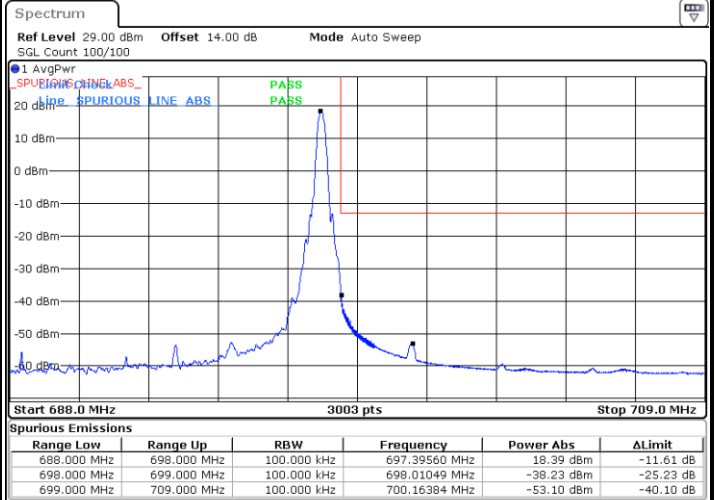
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



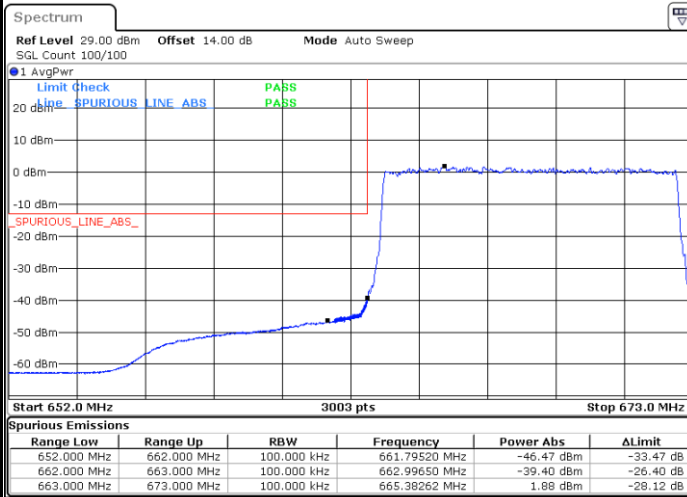
Date: 24.DEC.2021 23:00:39

Highest Band Edge / 1 RB



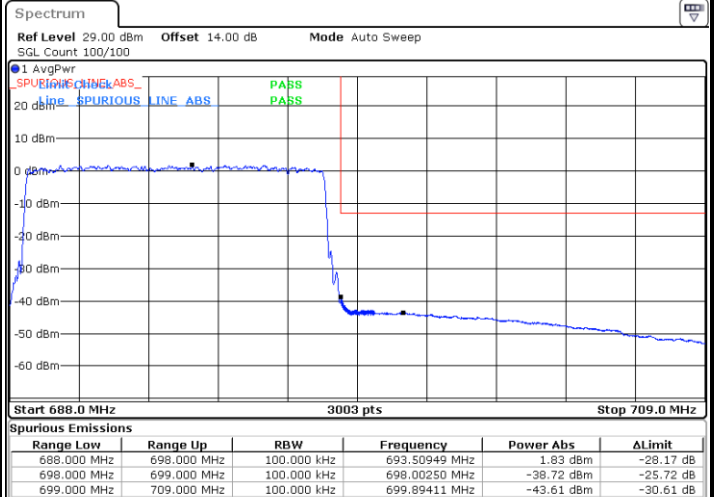
Date: 24.DEC.2021 23:06:52

Lowest Band Edge / Full RB



Date: 24.DEC.2021 23:01:53

Highest Band Edge / Full RB

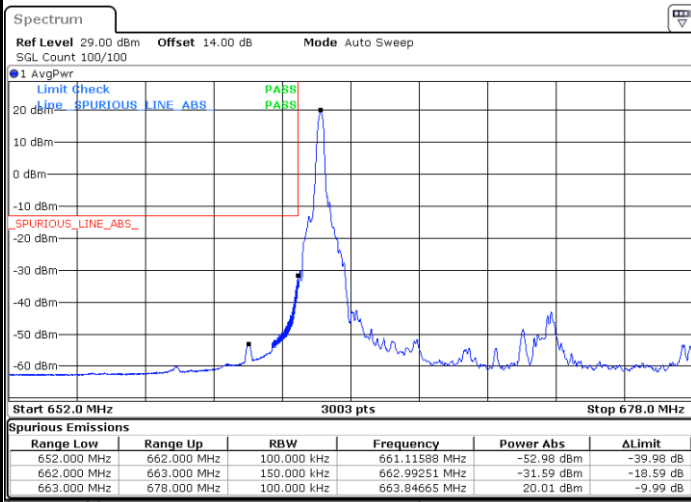


Date: 24.DEC.2021 23:06:06



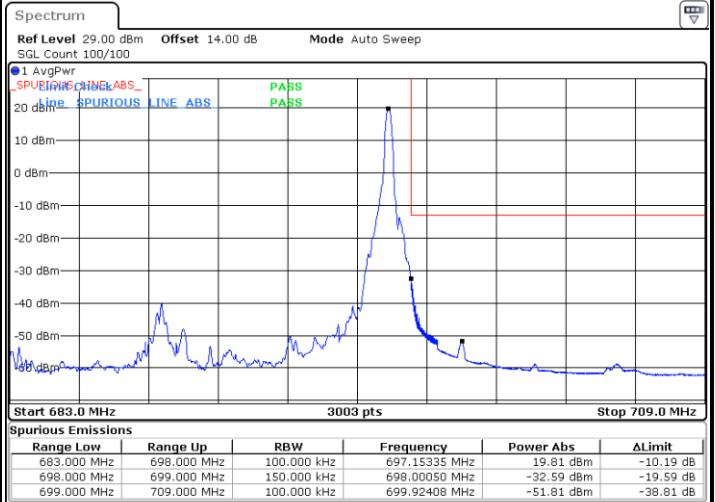
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



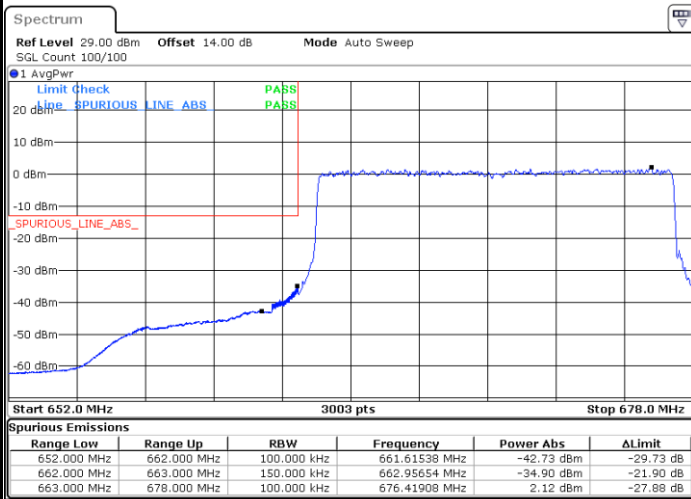
Date: 24.DEC.2021 23:12:13

Highest Band Edge / 1 RB



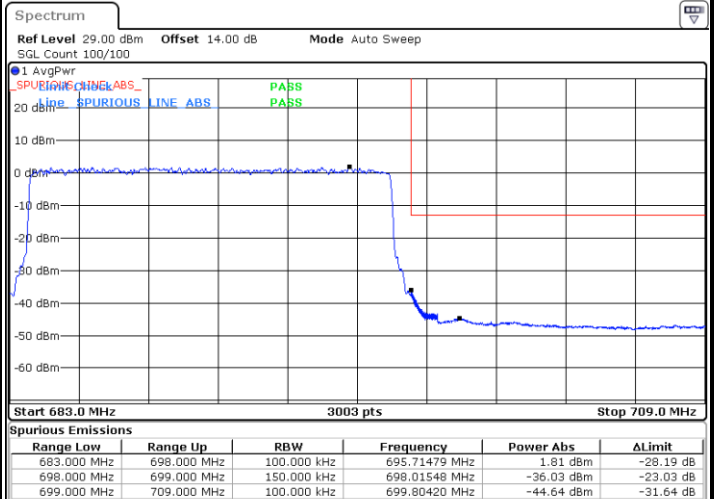
Date: 24.DEC.2021 23:25:15

Lowest Band Edge / Full RB



Date: 24.DEC.2021 23:14:41

Highest Band Edge / Full RB

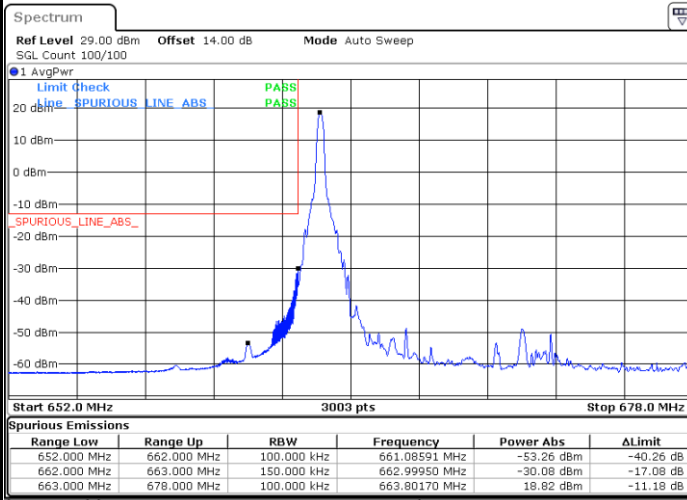


Date: 24.DEC.2021 23:27:43



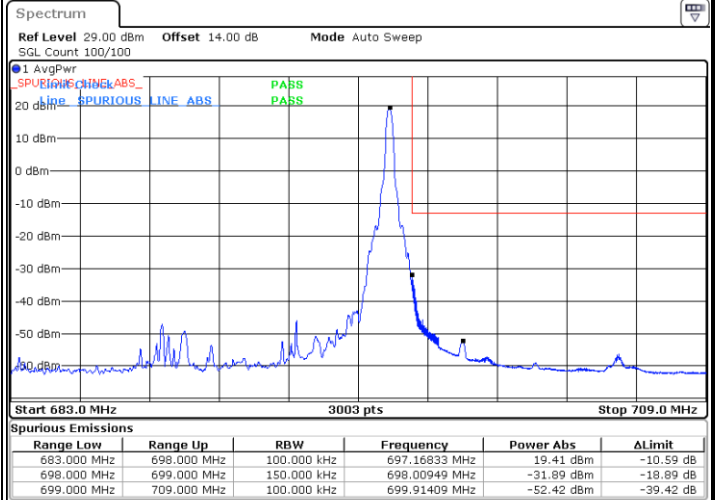
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



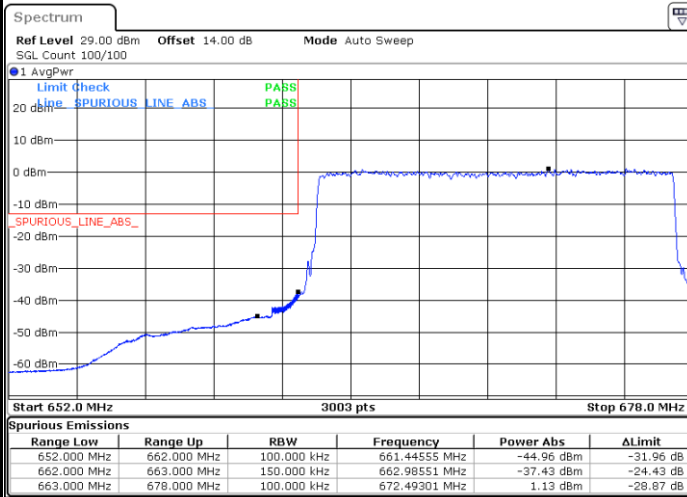
Date: 24.DEC.2021 23:13:27

Highest Band Edge / 1 RB



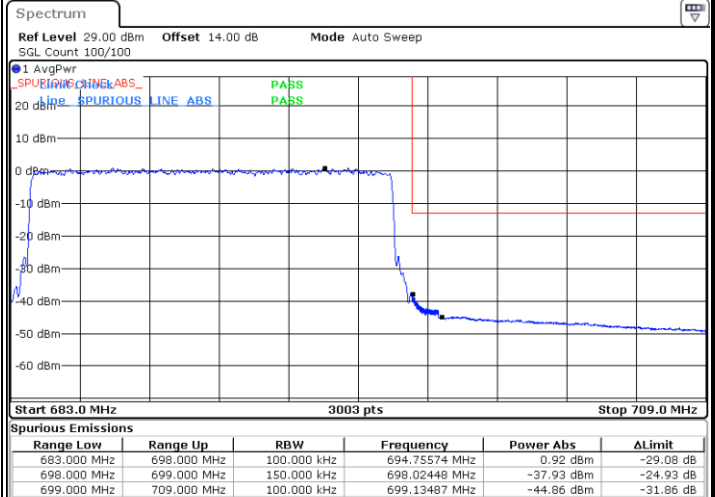
Date: 24.DEC.2021 23:26:29

Lowest Band Edge / Full RB



Date: 24.DEC.2021 23:15:55

Highest Band Edge / Full RB

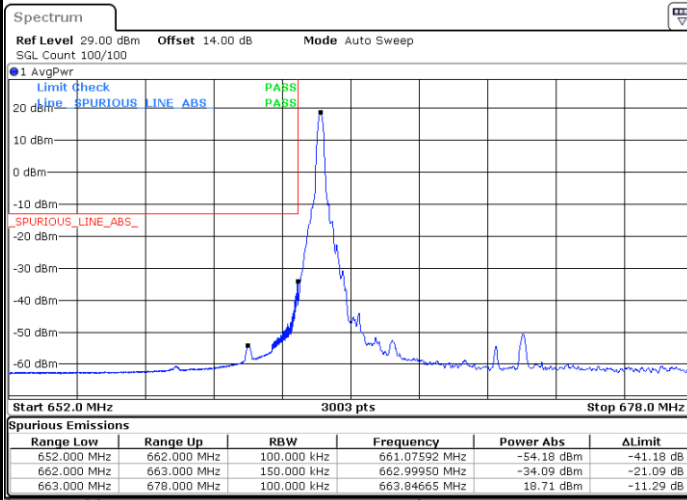


Date: 24.DEC.2021 23:28:57



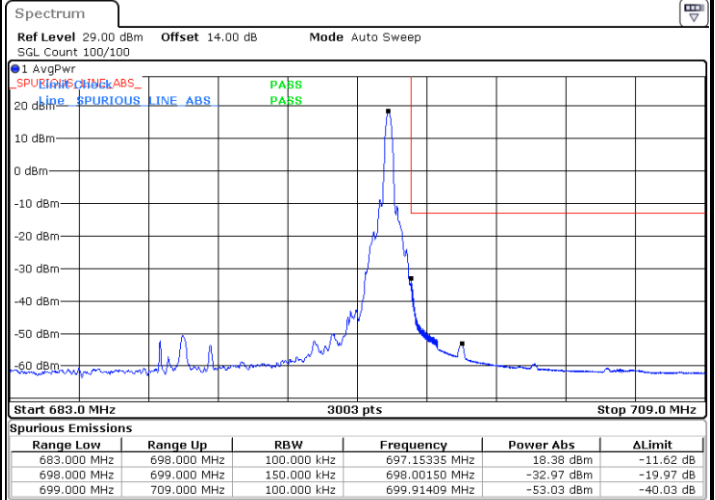
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



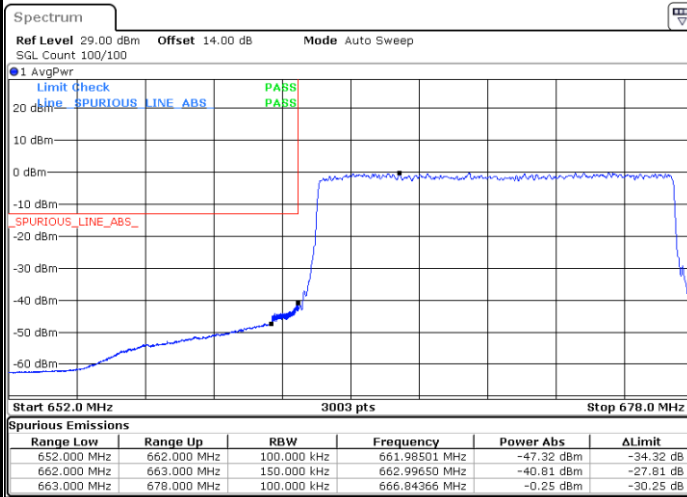
Date: 24.DEC.2021 23:33:16

Highest Band Edge / 1 RB



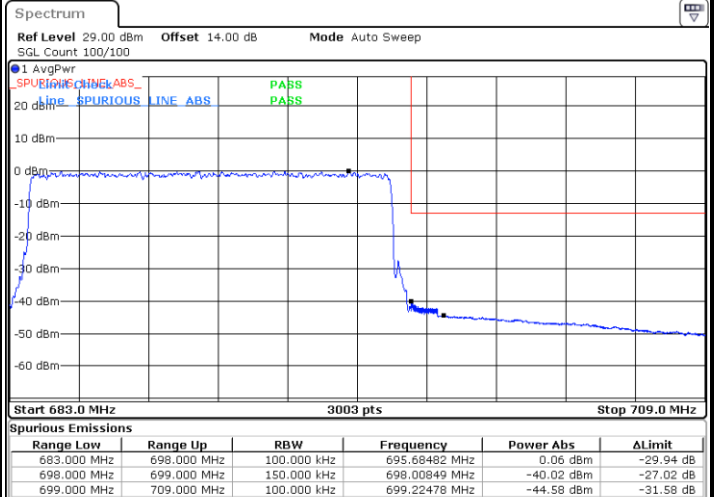
Date: 24.DEC.2021 23:39:29

Lowest Band Edge / Full RB



Date: 24.DEC.2021 23:34:30

Highest Band Edge / Full RB

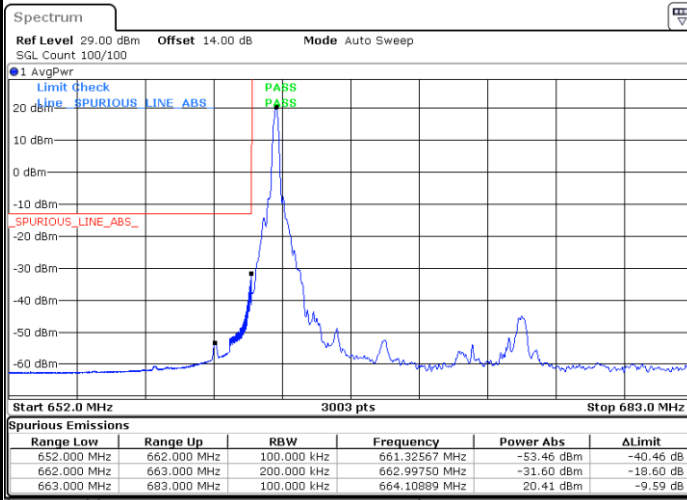


Date: 24.DEC.2021 23:40:43



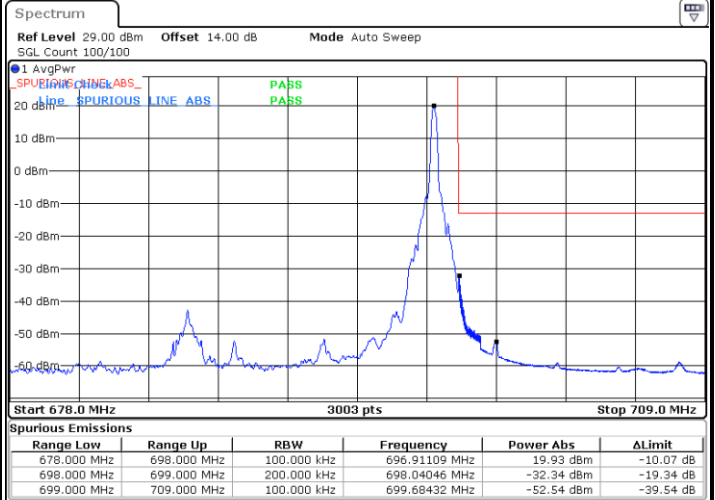
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



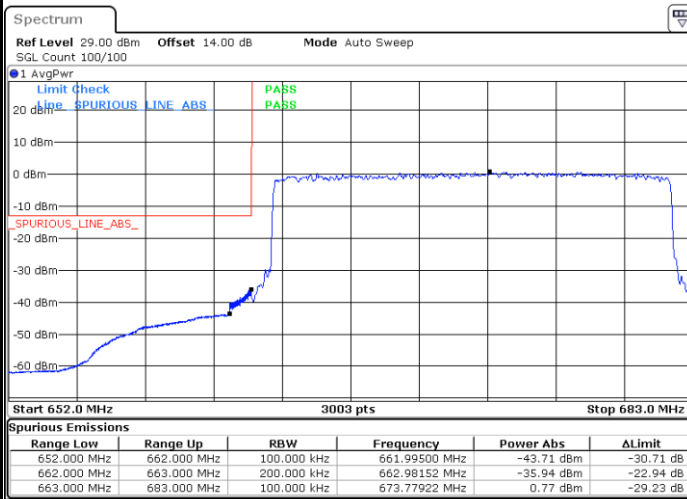
Date: 24.DEC.2021 23:55:52

Highest Band Edge / 1 RB



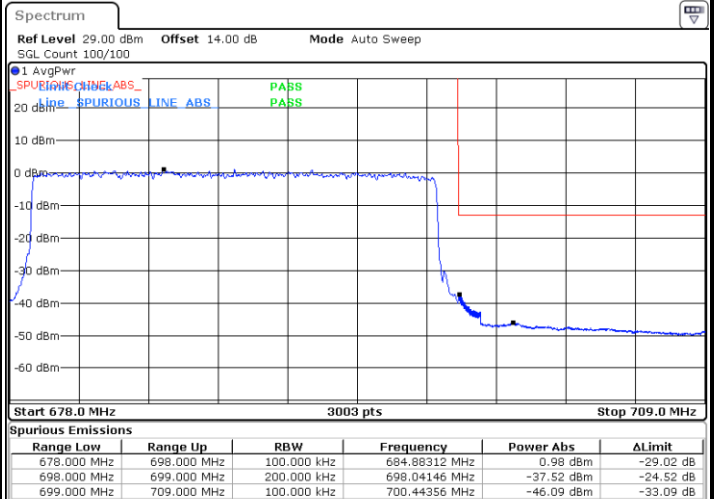
Date: 25.DEC.2021 00:08:53

Lowest Band Edge / Full RB



Date: 24.DEC.2021 23:58:20

Highest Band Edge / Full RB

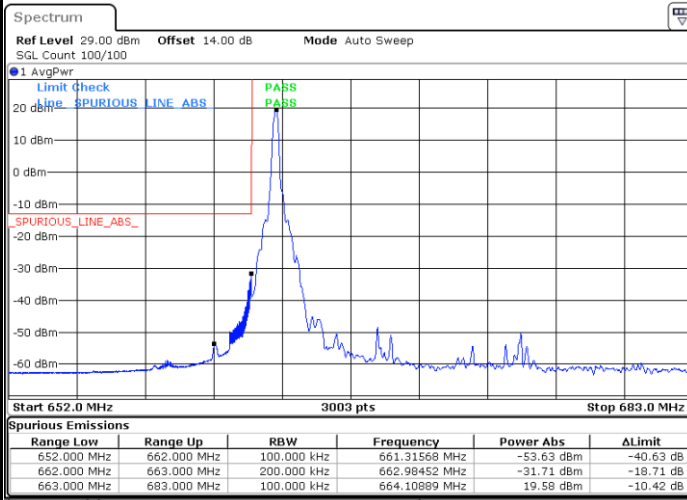


Date: 25.DEC.2021 00:12:34



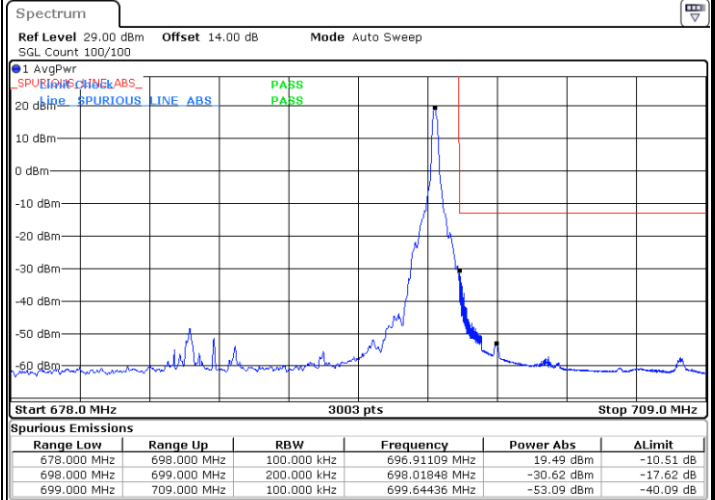
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



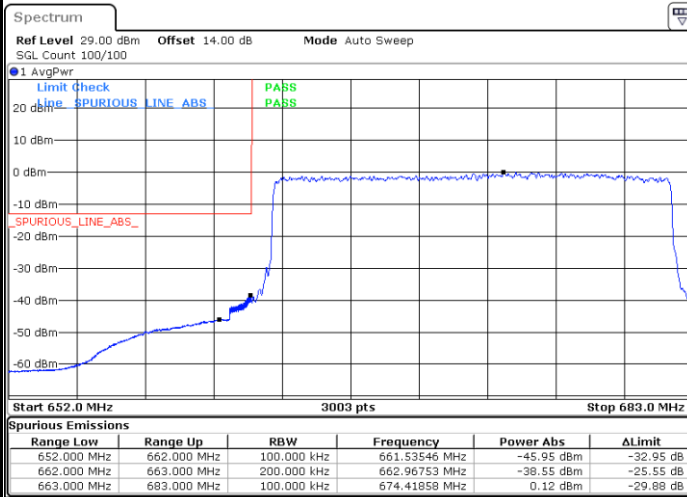
Date: 24.DEC.2021 23:57:06

Highest Band Edge / 1RB



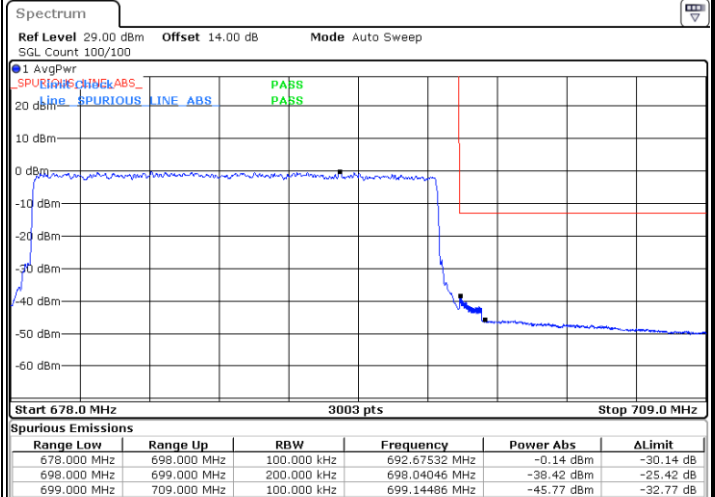
Date: 25.DEC.2021 00:10:07

Lowest Band Edge / Full RB



Date: 24.DEC.2021 23:59:34

Highest Band Edge / Full RB

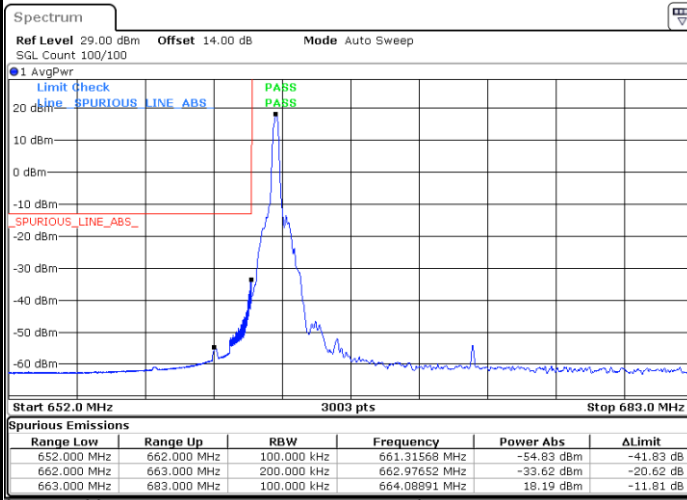


Date: 25.DEC.2021 00:11:20



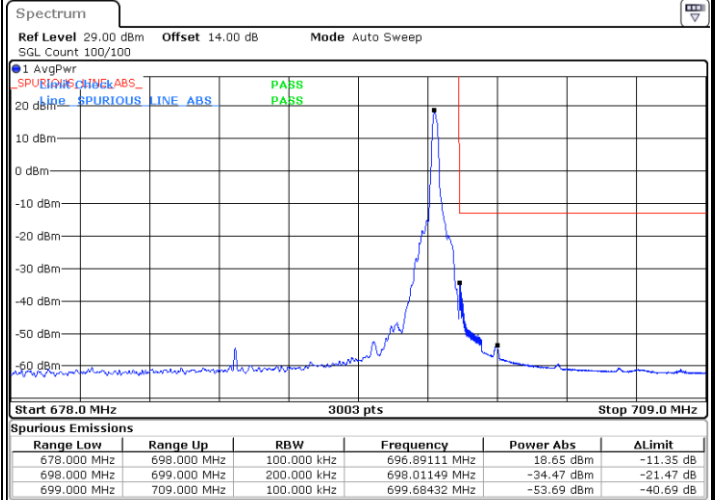
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



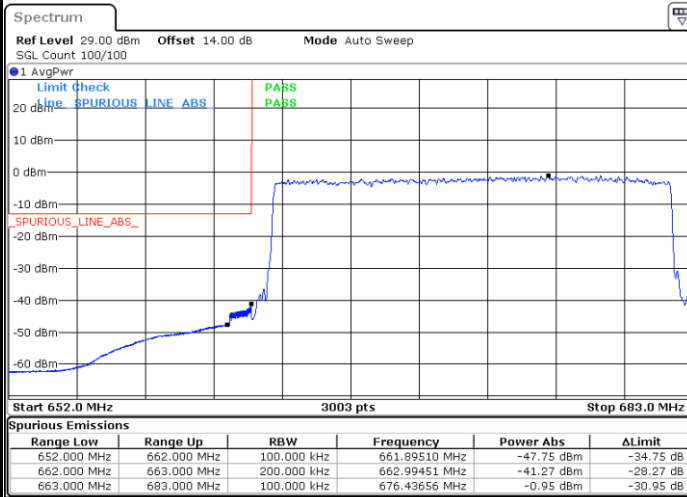
Date: 25.DEC.2021 00:16:54

Highest Band Edge / 1 RB



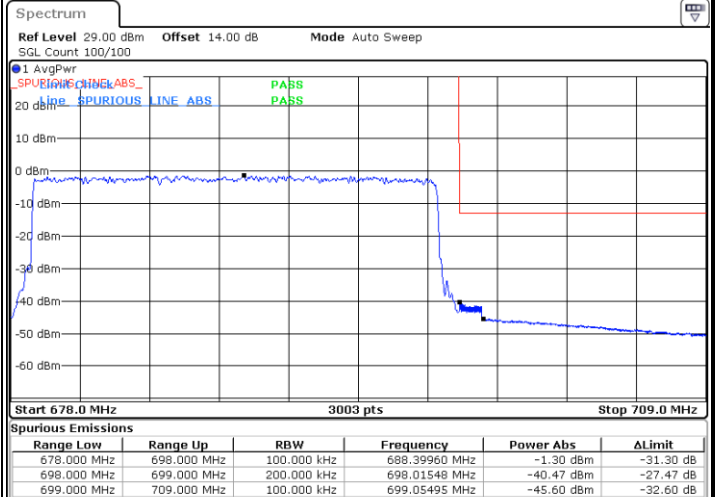
Date: 25.DEC.2021 00:23:06

Lowest Band Edge / Full RB



Date: 25.DEC.2021 00:18:08

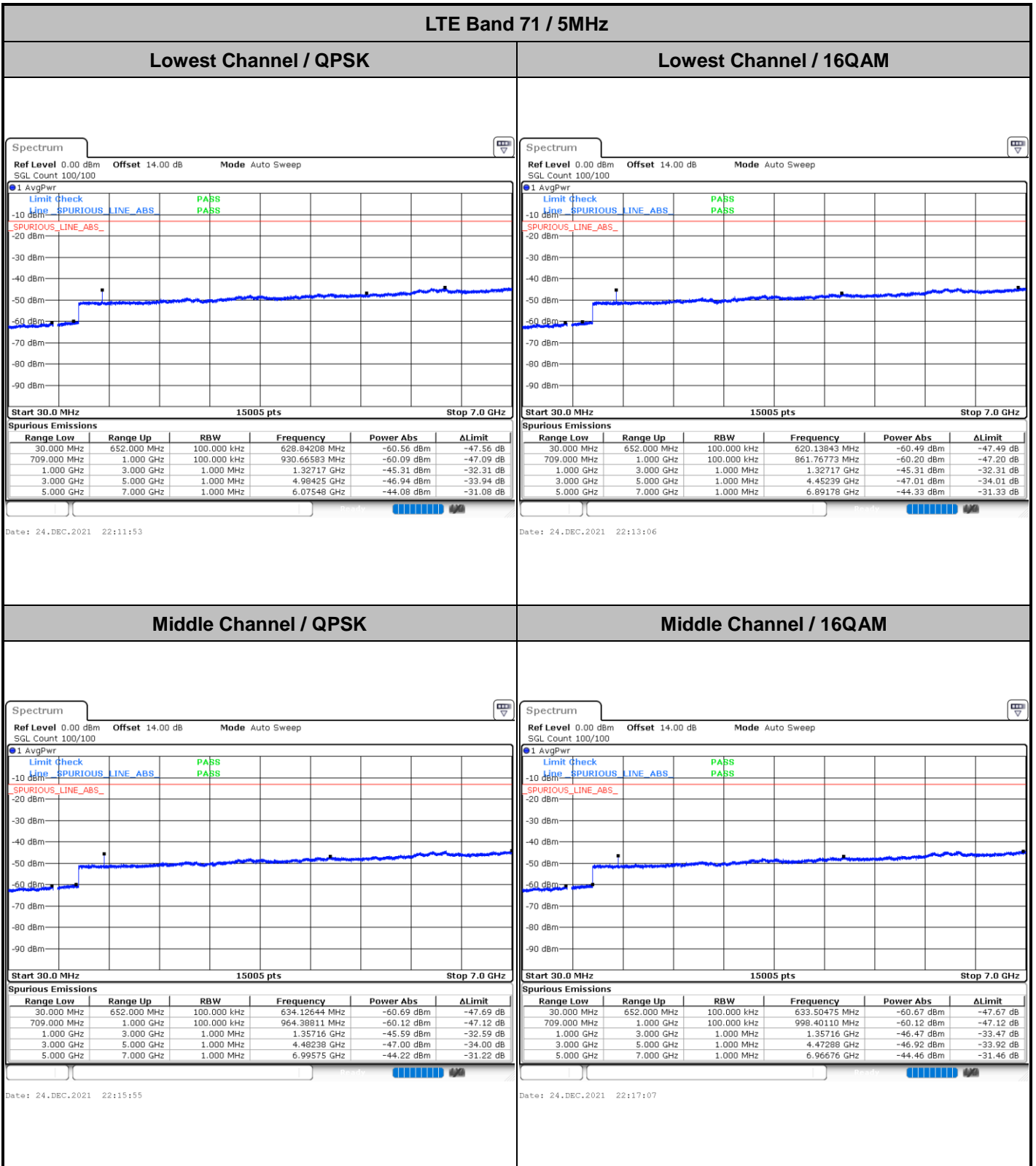
Highest Band Edge / Full RB



Date: 25.DEC.2021 00:24:20



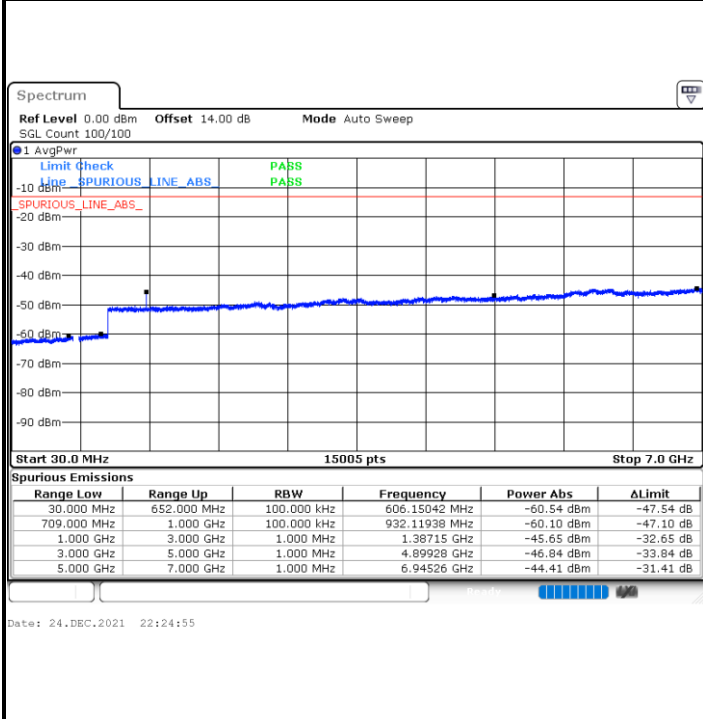
Conducted Spurious Emission



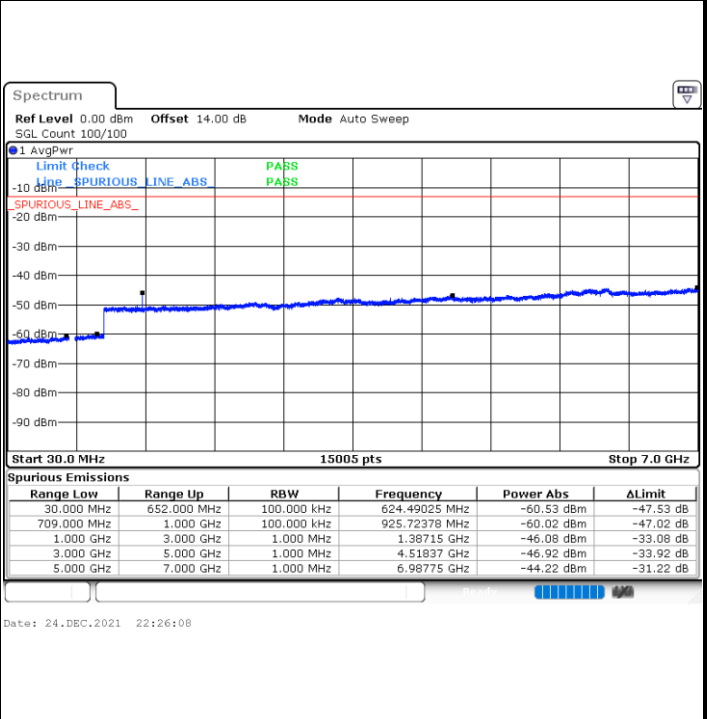


LTE Band 71 / 5MHz

Highest Channel / QPSK

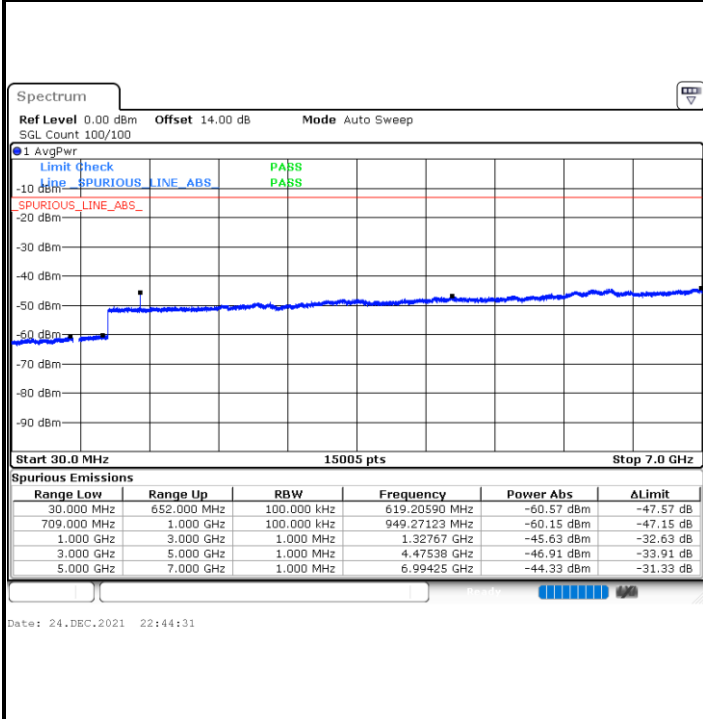


Highest Channel / 16QAM

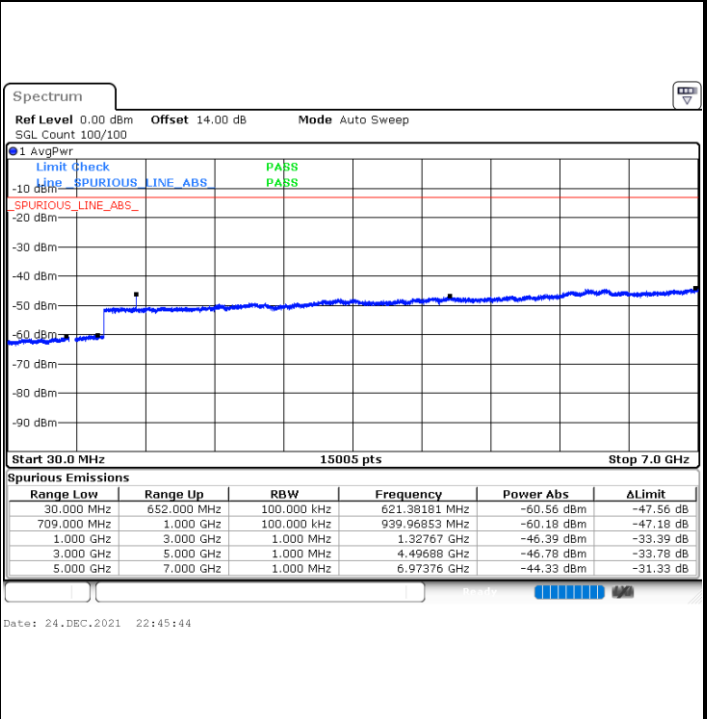


LTE Band 71 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

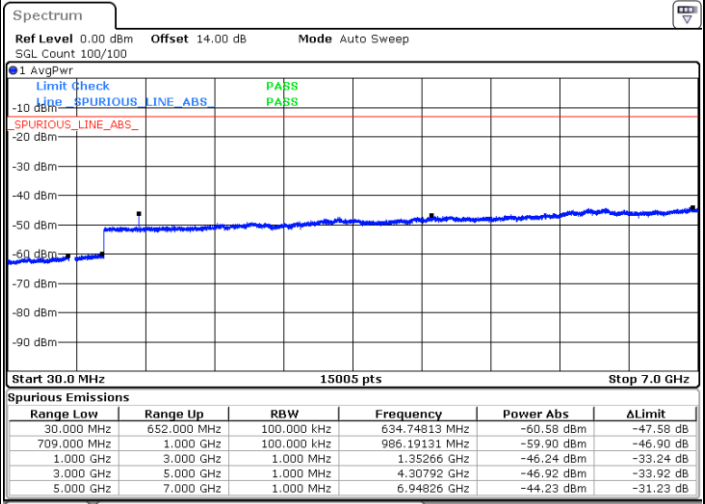
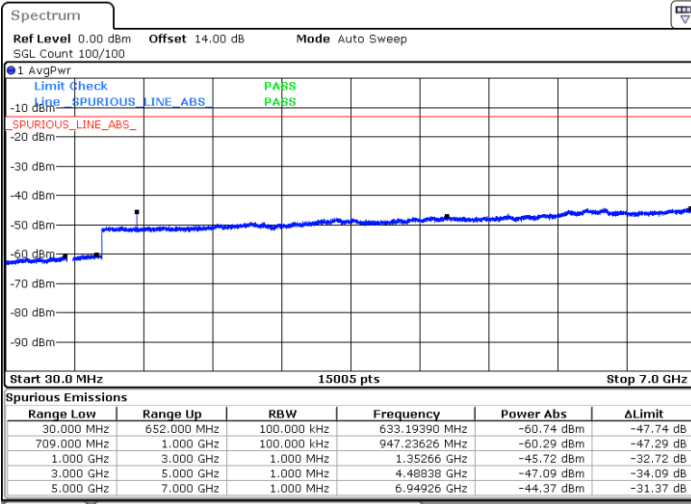




LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

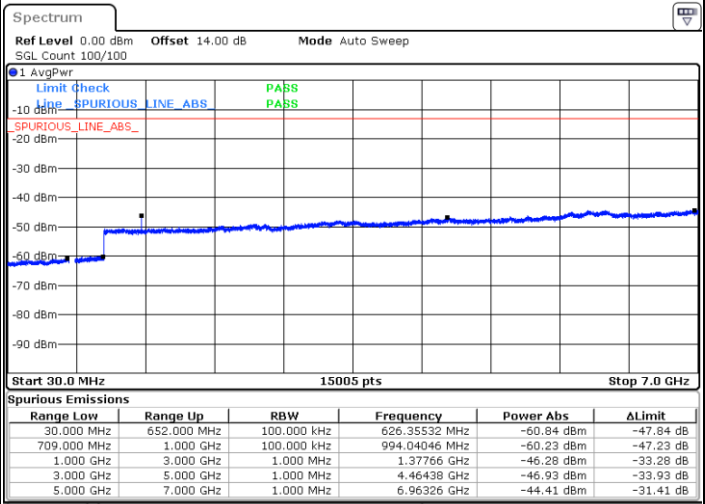
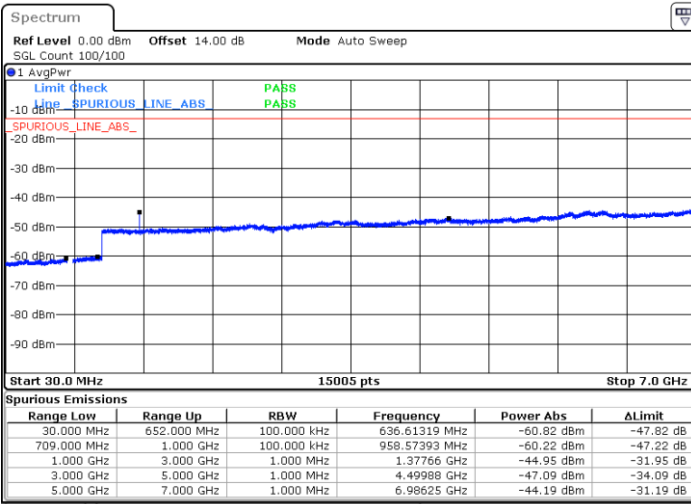


Date: 24.DEC.2021 22:48:33

Date: 24.DEC.2021 22:49:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.DEC.2021 22:57:33

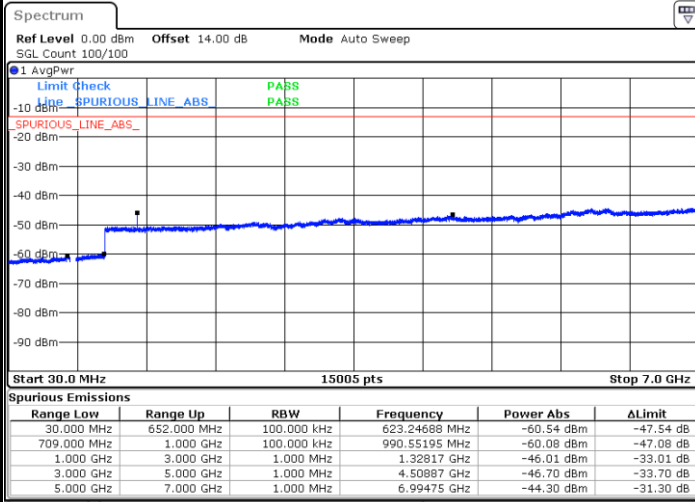
Date: 24.DEC.2021 22:58:45



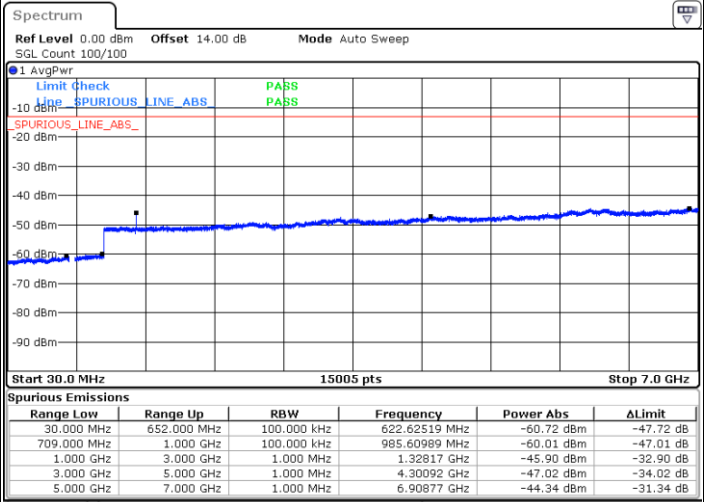
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



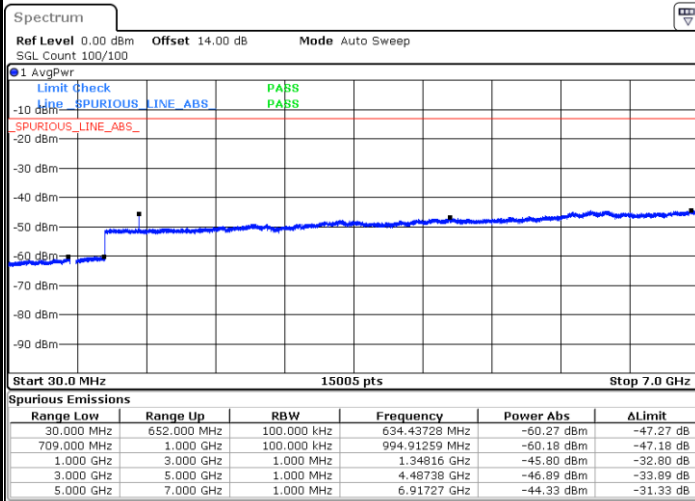
Date: 24.DEC.2021 23:17:08



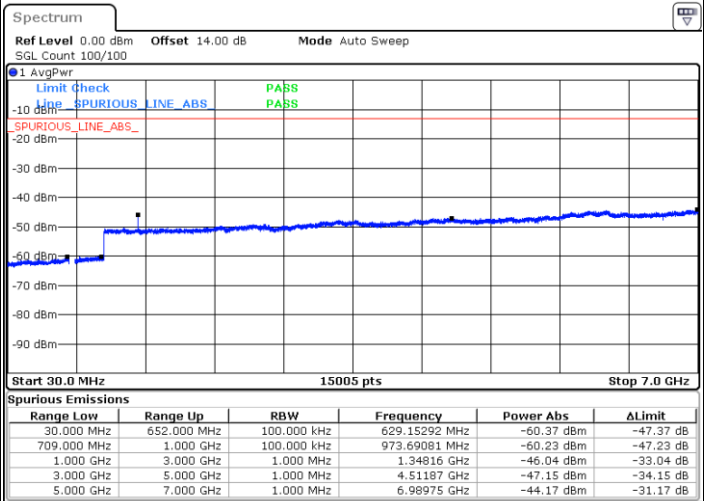
Date: 24.DEC.2021 23:18:21

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 24.DEC.2021 23:21:10



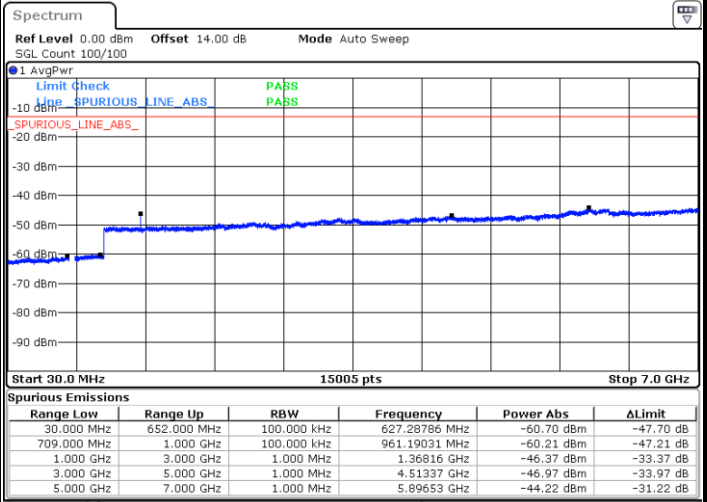
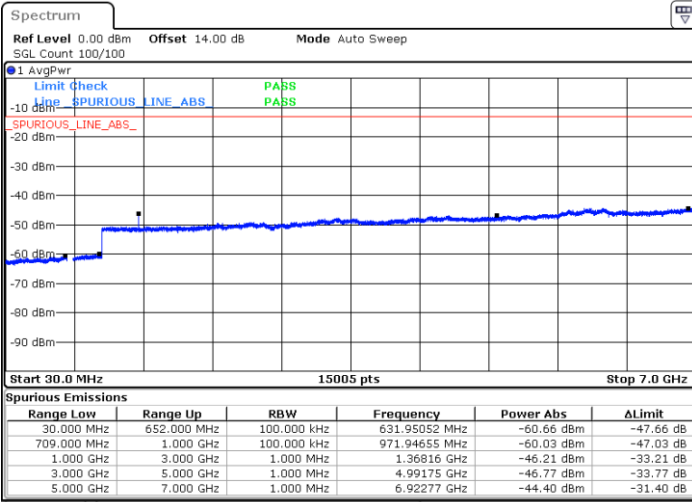
Date: 24.DEC.2021 23:22:22



LTE Band71 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



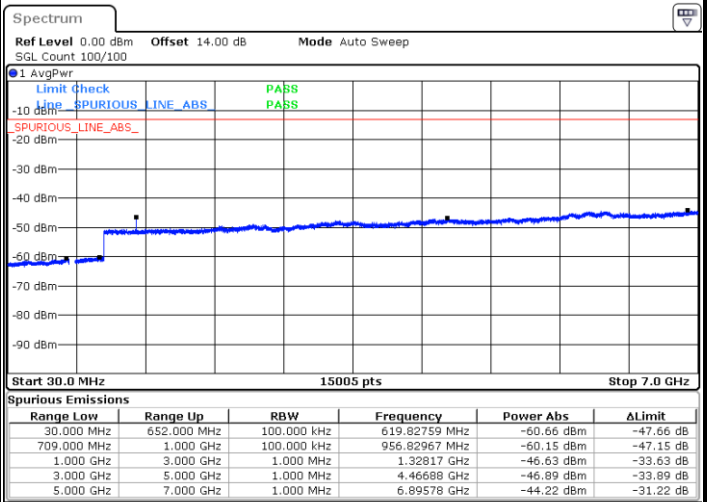
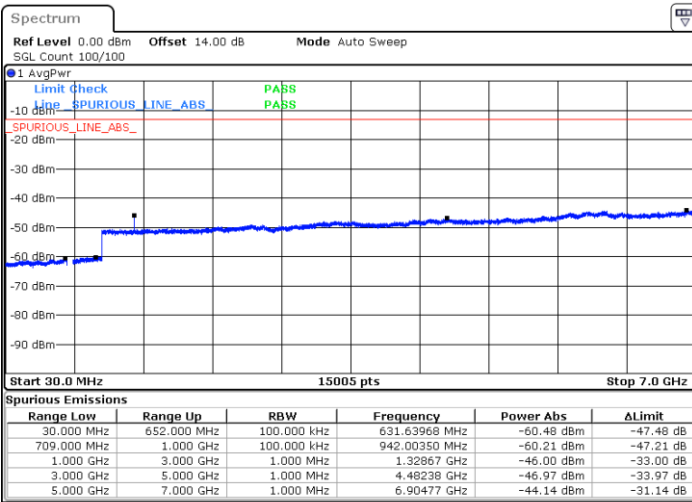
Date: 24.DEC.2021 23:30:09

Date: 24.DEC.2021 23:31:22

LTE Band 71 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25.DEC.2021 00:00:46

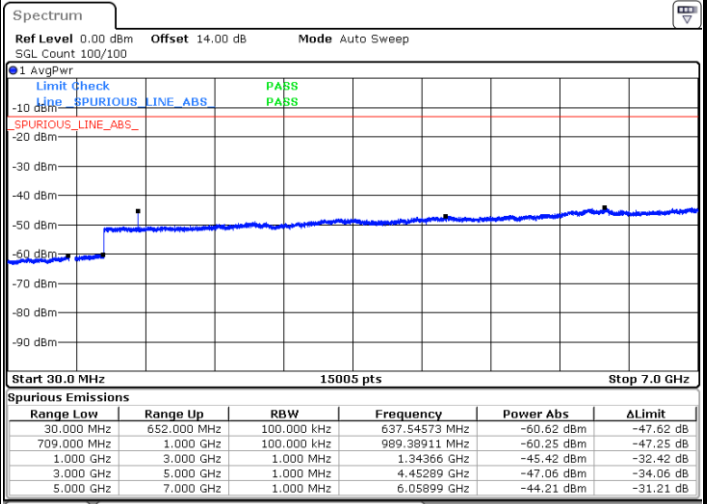
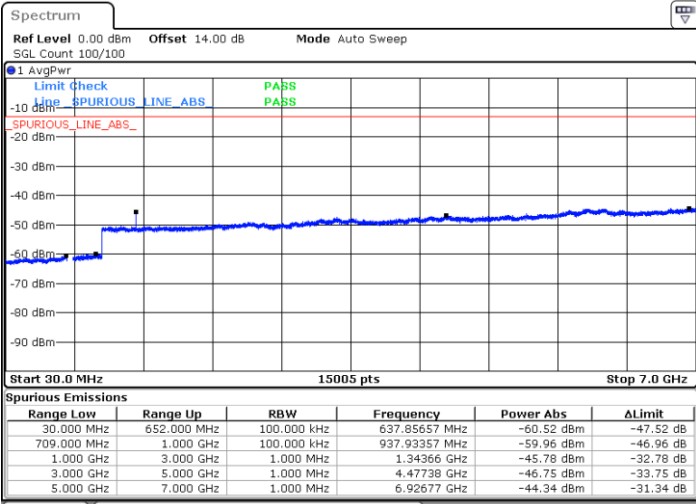
Date: 25.DEC.2021 00:01:59



LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

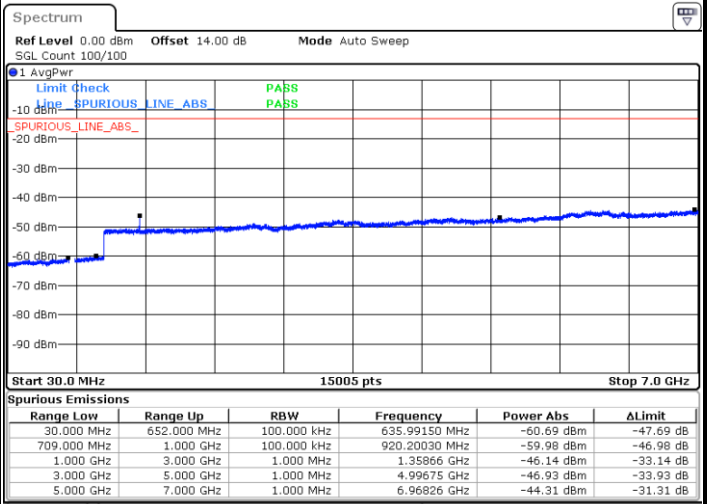
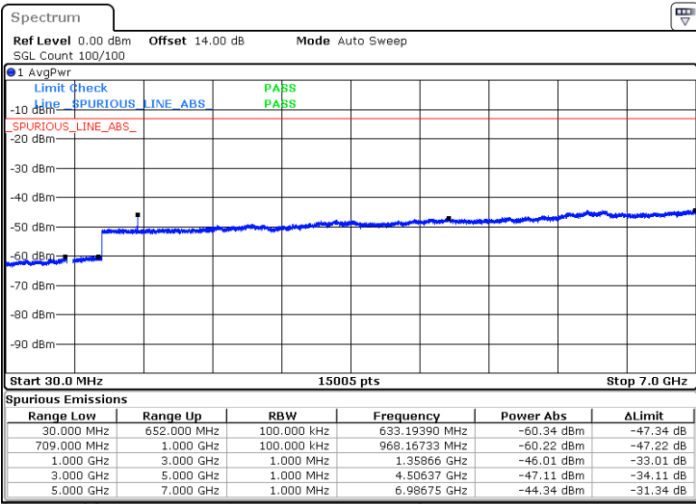


Date: 25.DEC.2021 00:04:49

Date: 25.DEC.2021 00:06:01

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.DEC.2021 00:13:47

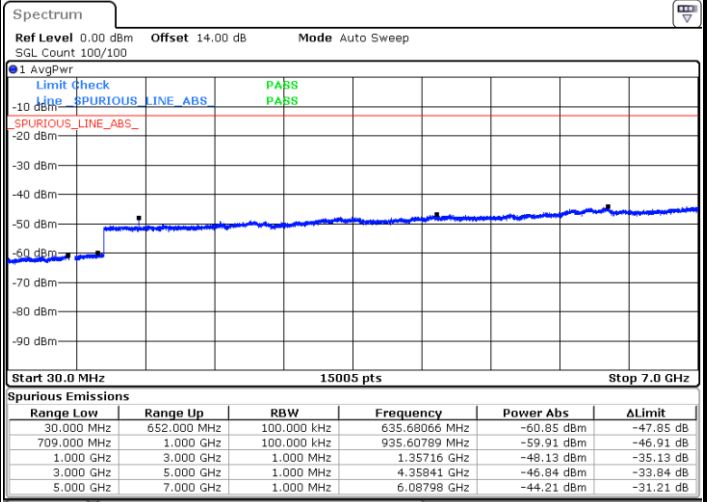
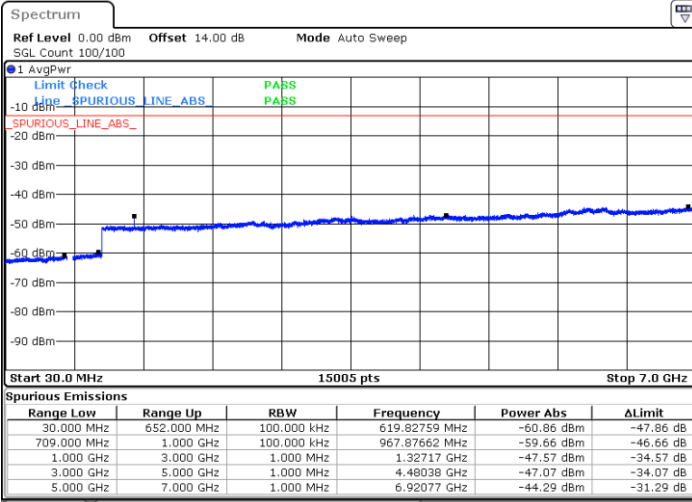
Date: 25.DEC.2021 00:14:59



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

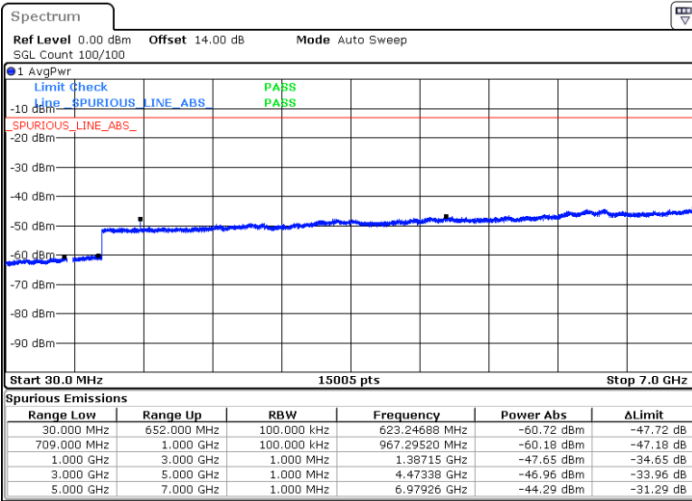
Middle Channel / 64QAM



Date: 24.DEC.2021 22:30:29

Date: 24.DEC.2021 22:32:21

Highest Channel / 64QAM



Date: 24.DEC.2021 22:36:43

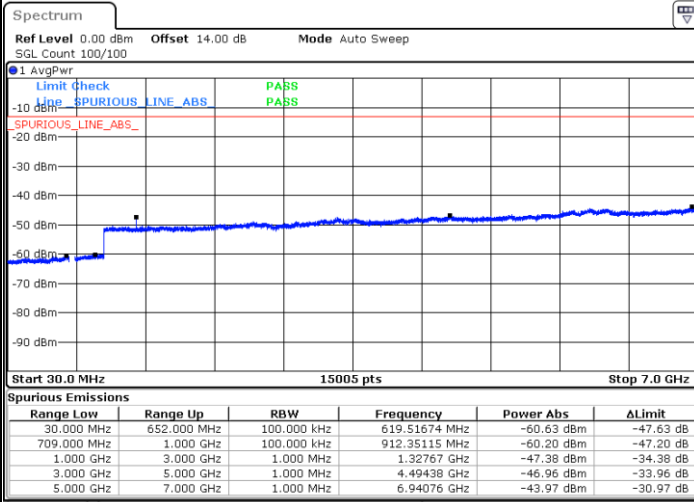
Blank



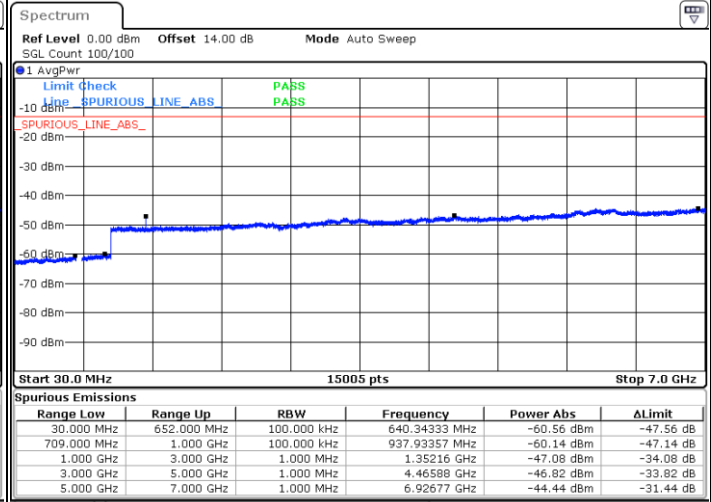
LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

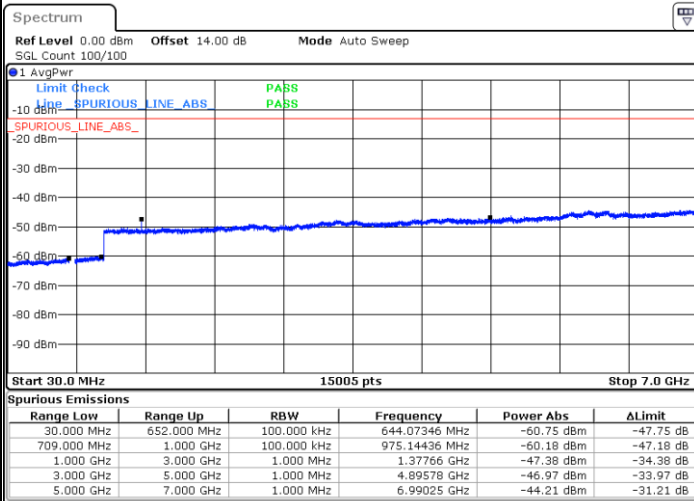


Date: 24.DEC.2021 23:03:05



Date: 24.DEC.2021 23:04:57

Highest Channel / 64QAM



Date: 24.DEC.2021 23:09:18

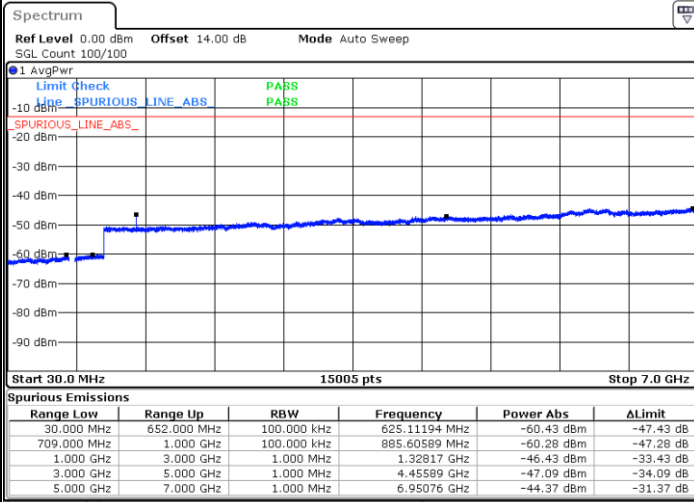
Blank



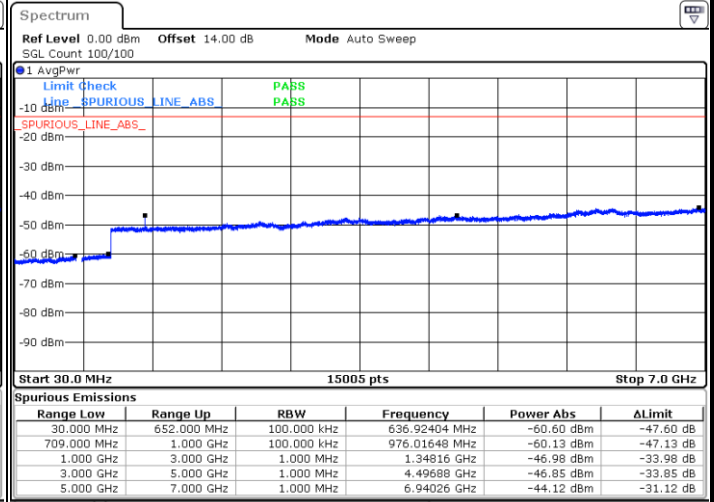
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

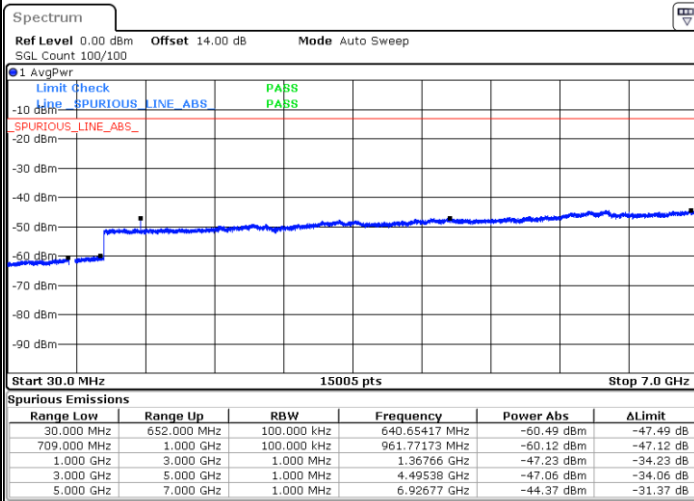


Date: 24.DEC.2021 23:35:43



Date: 24.DEC.2021 23:37:35

Highest Channel / 64QAM

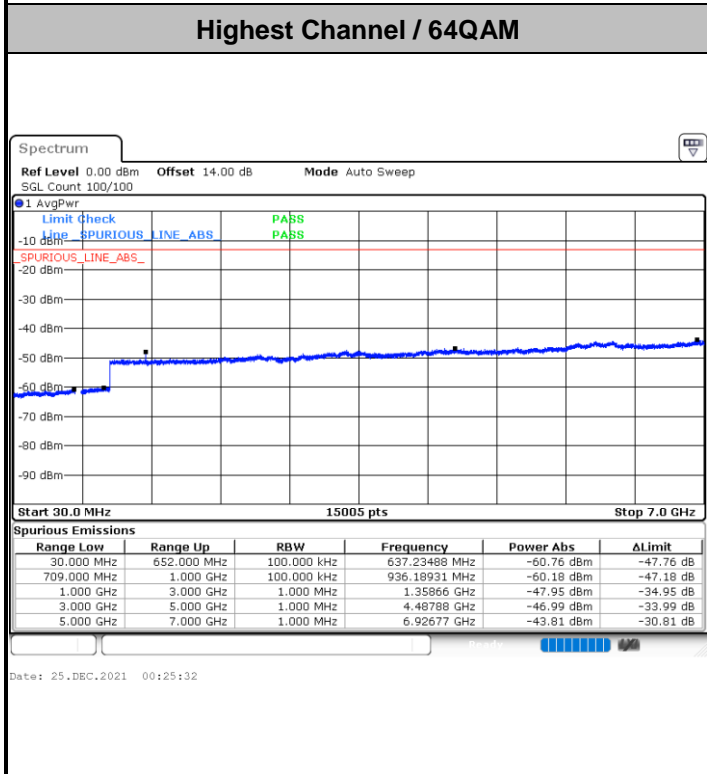
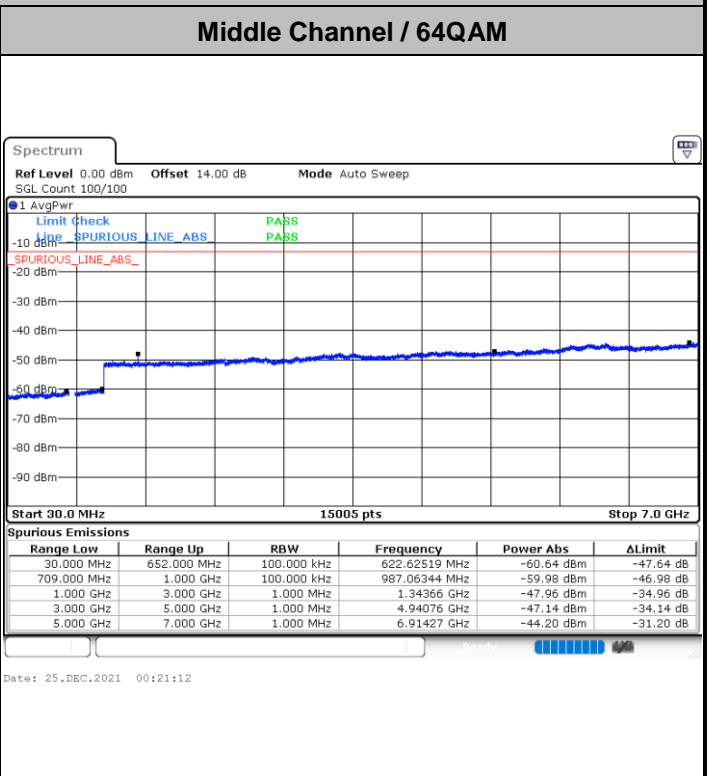
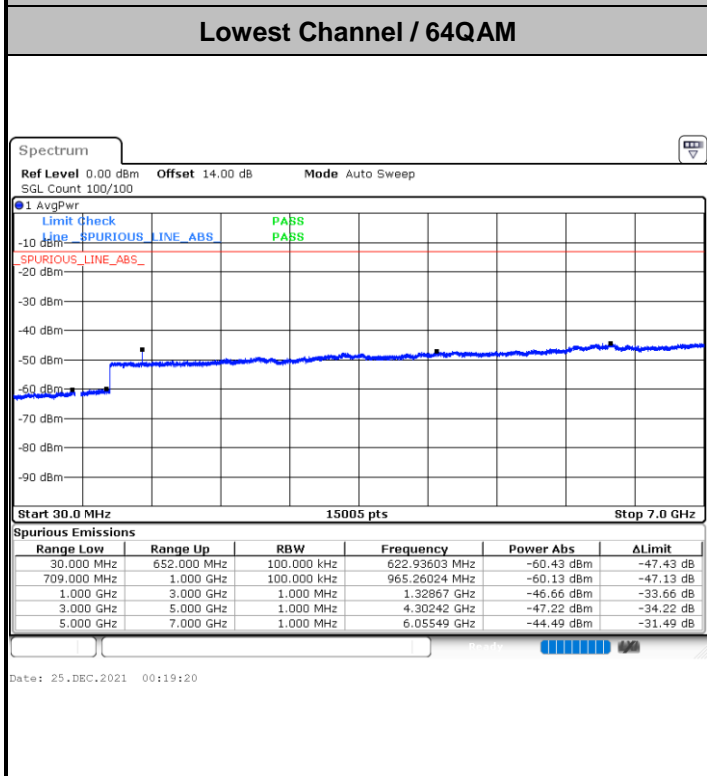


Date: 24.DEC.2021 23:41:56

Blank



LTE Band 71 / 20MHz



Blank



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.10	8.15	14.57
Middle CH	8.12	8.10	14.57
Highest CH	8.14	8.20	14.51
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.66	19.66	-
Middle CH	14.72	19.66	-
Highest CH	14.60	19.70	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.12	8.25	14.57
Middle CH	8.18	8.14	14.60
Highest CH	8.17	8.20	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.75	19.46	-
Middle CH	14.66	19.58	-
Highest CH	14.63	19.74	-

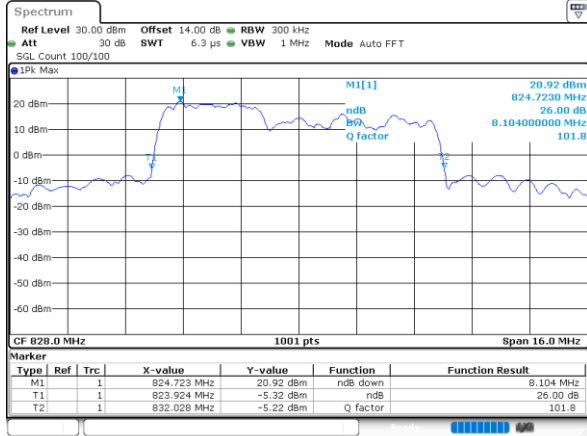
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.07	8.22	14.51
Middle CH	8.58	8.22	14.57
Highest CH	8.10	8.17	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.63	19.70	-
Middle CH	14.60	19.62	-
Highest CH	14.66	19.62	-



LTE Band 5B

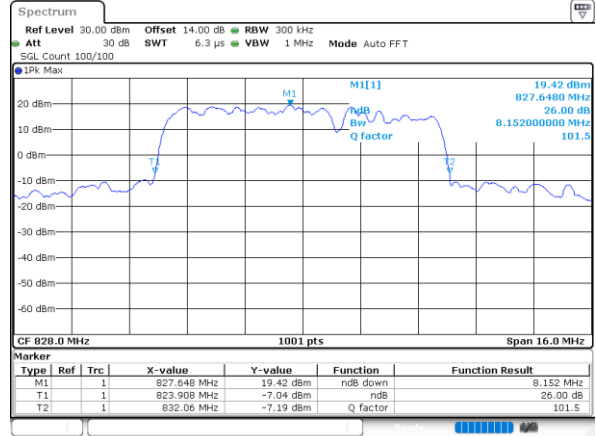
QPSK

Lowest Channel / 3MHz+5MHz



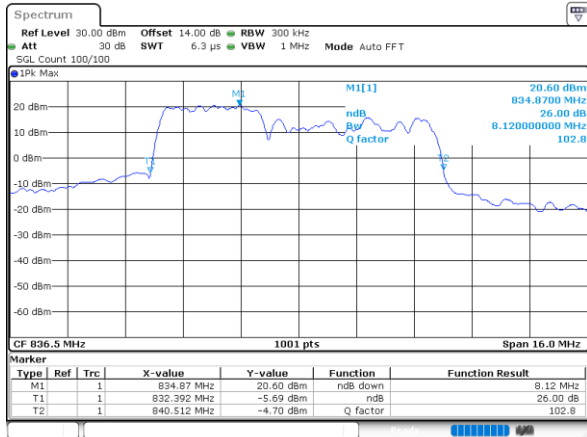
Date: 25, DEC, 2021 09:20:15

Lowest Channel / 5MHz+3MHz



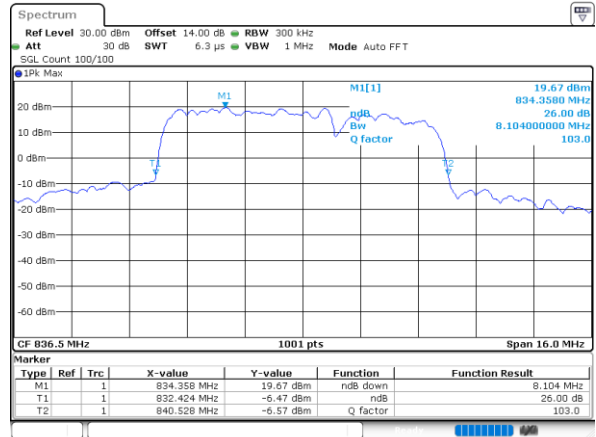
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Middle Channel / 3MHz+5MHz



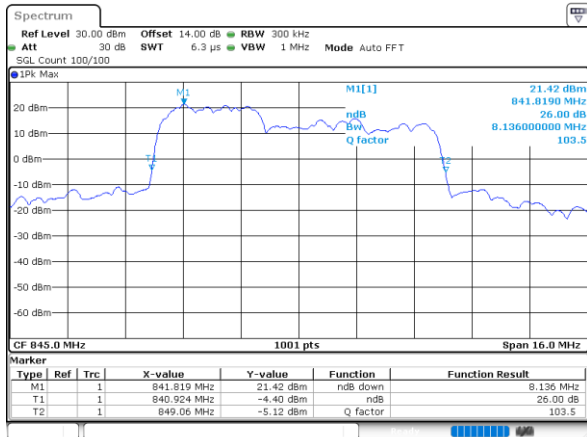
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Middle Channel / 5MHz+3MHz



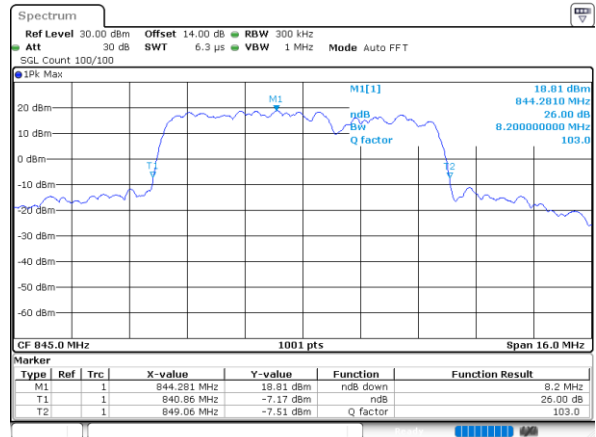
Date: 25, DEC, 2021 11:21:01

Highest Channel / 3MHz+5MHz



Date: 25, DEC, 2021 10:08:32

Highest Channel / 5MHz+3MHz



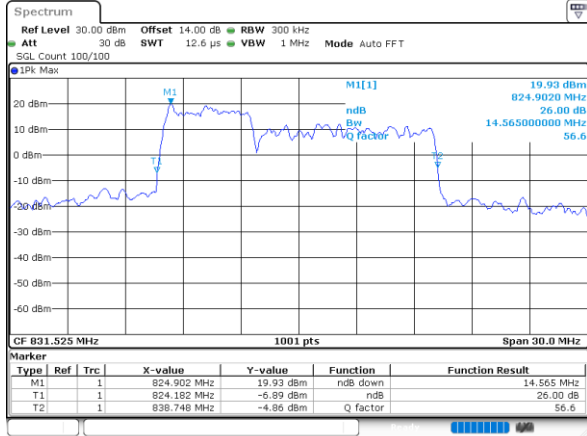
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LTE Band 5B

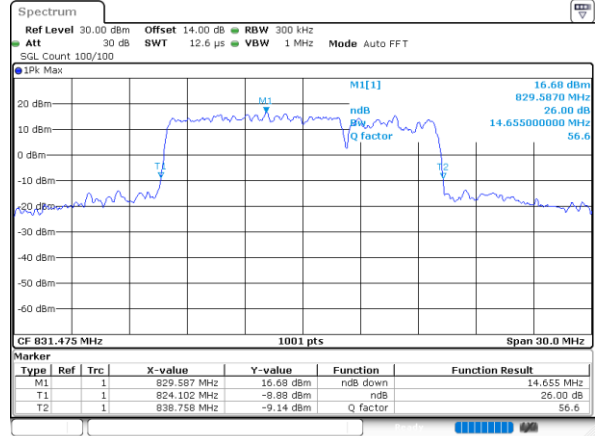
QPSK

Lowest Channel / 5MHz+10MHz



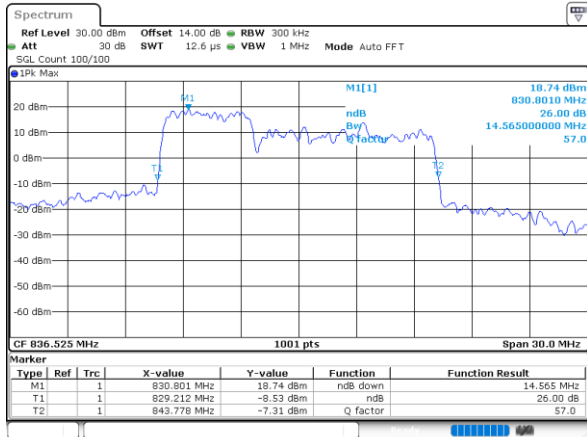
Date: 25, DEC, 2021 00:45:46

Lowest Channel / 10MHz+5MHz



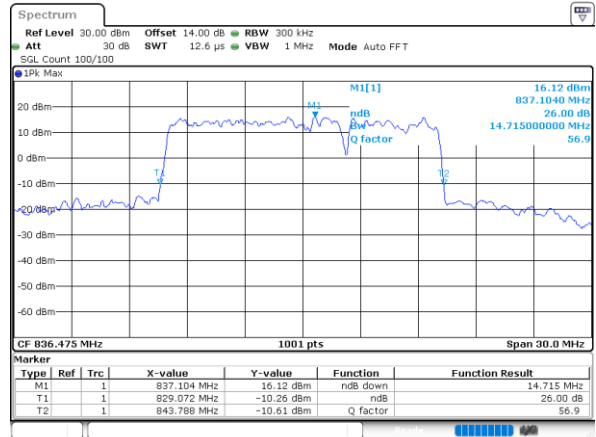
Date: 25, DEC, 2021 02:37:21

Middle Channel / 5MHz+10MHz



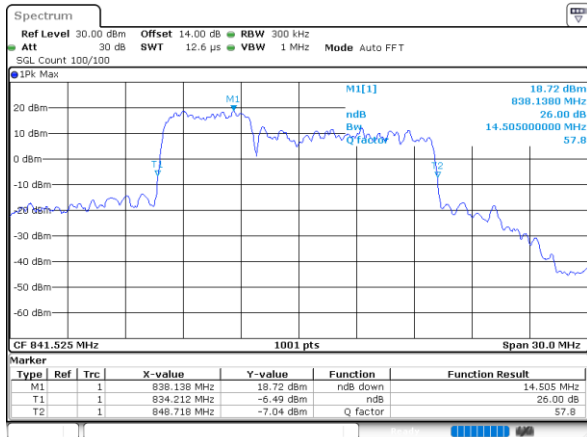
Date: 25, DEC, 2021 01:20:08

Middle Channel / 10MHz+5MHz



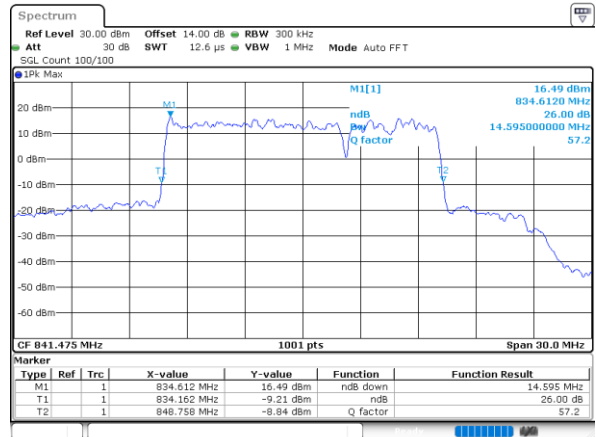
Date: 25, DEC, 2021 03:28:07

Highest Channel / 5MHz+10MHz



Date: 25, DEC, 2021 01:36:04

Highest Channel / 10MHz+5MHz



Date: 25, DEC, 2021 03:42:10

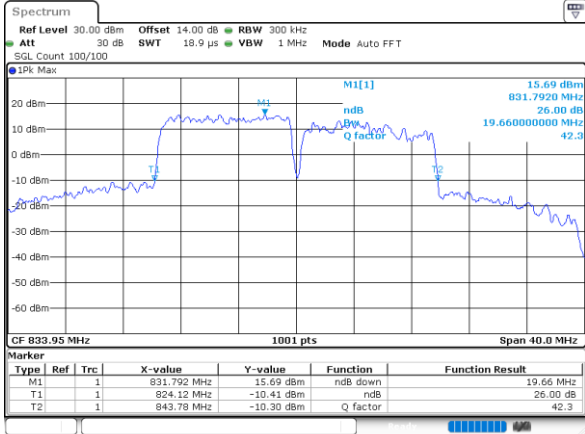


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

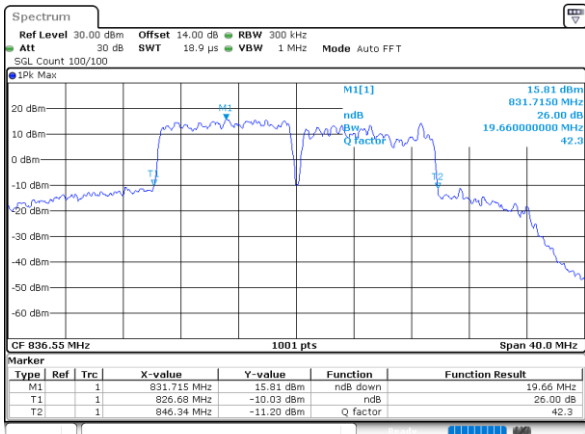
N/A



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Middle Channel / 10MHz+10MHz

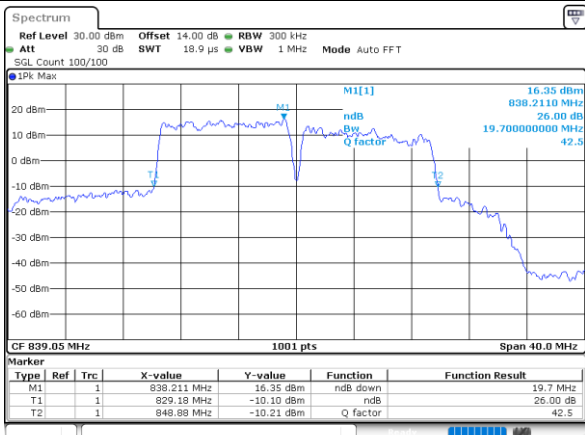
N/A



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Highest Channel / 10MHz+10MHz

N/A



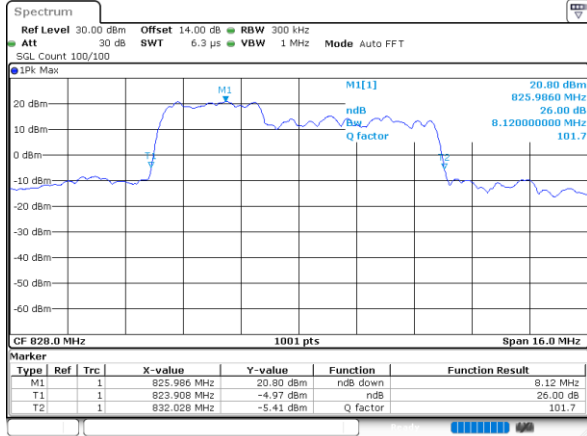
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LTE Band 5B

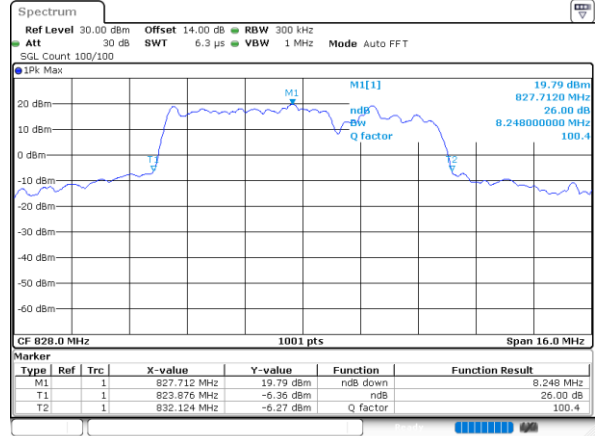
16QAM

Lowest Channel / 3MHz+5MHz



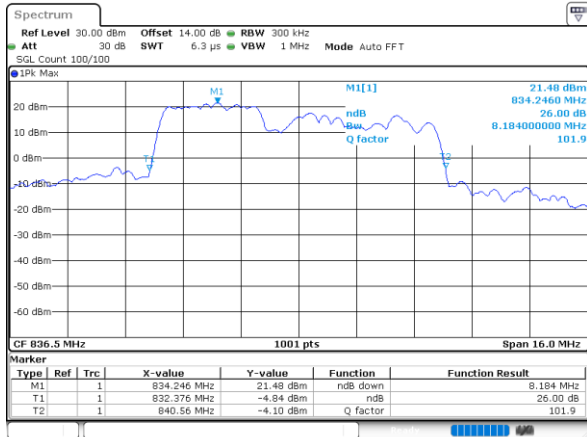
Date: 25, DEC, 2021 09:19:43

Lowest Channel / 5MHz+3MHz



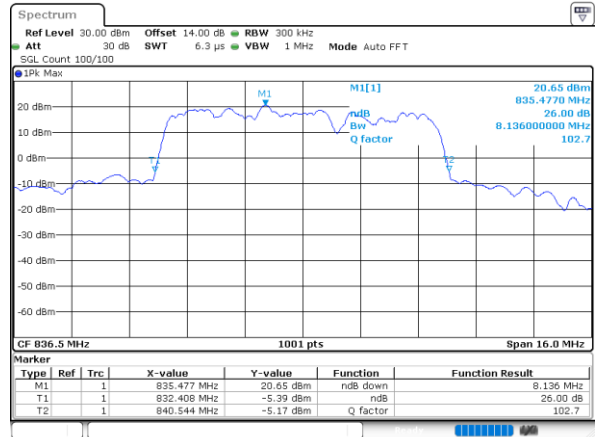
Date: 25, DEC, 2021 10:46:34

Middle Channel / 3MHz+5MHz



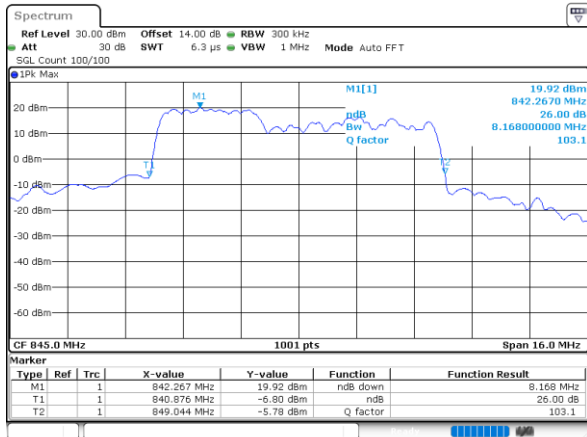
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Middle Channel / 5MHz+3MHz



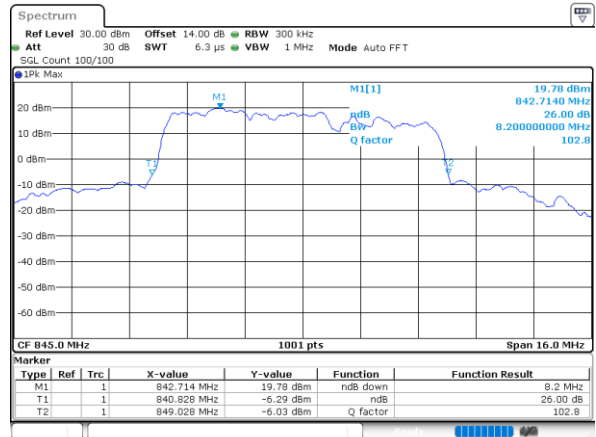
Date: 25, DEC, 2021 11:20:29

Highest Channel / 3MHz+5MHz



Date: 25, DEC, 2021 10:09:04

Highest Channel / 5MHz+3MHz



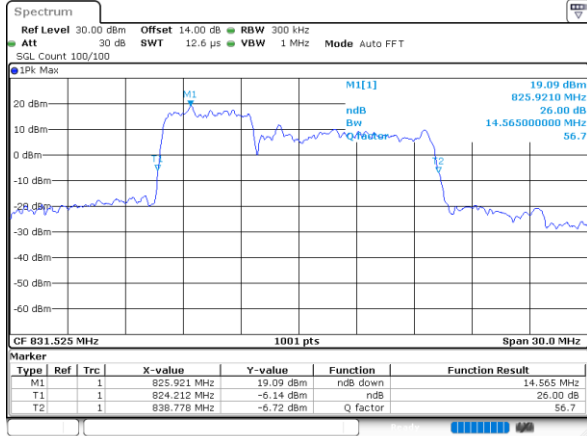
Date: 25, DEC, 2021 11:35:58



LTE Band 5B

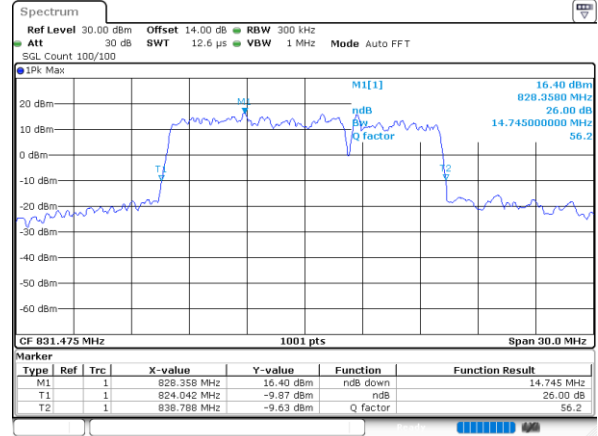
16QAM

Lowest Channel / 5MHz+10MHz



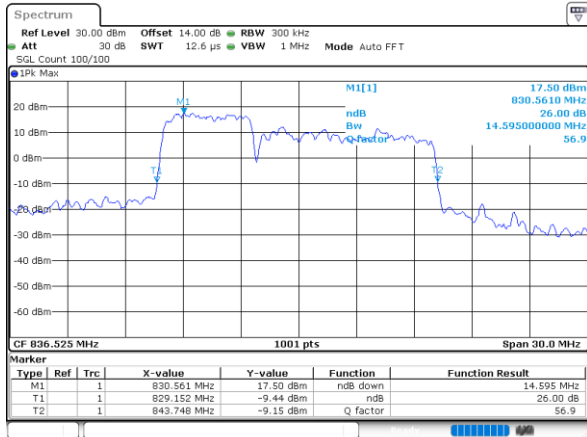
Date: 25, DEC, 2021 00:45:15

Lowest Channel / 10MHz+5MHz



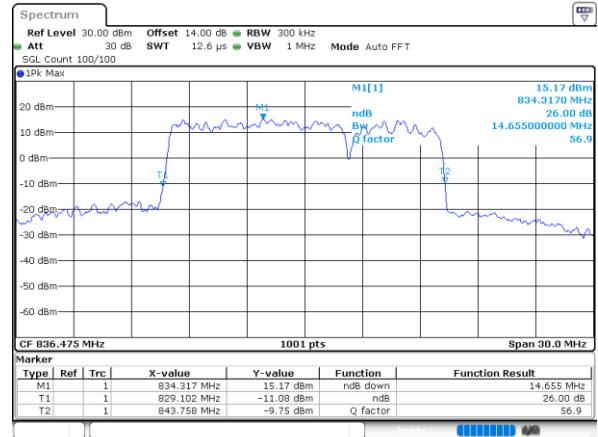
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Middle Channel / 5MHz+10MHz



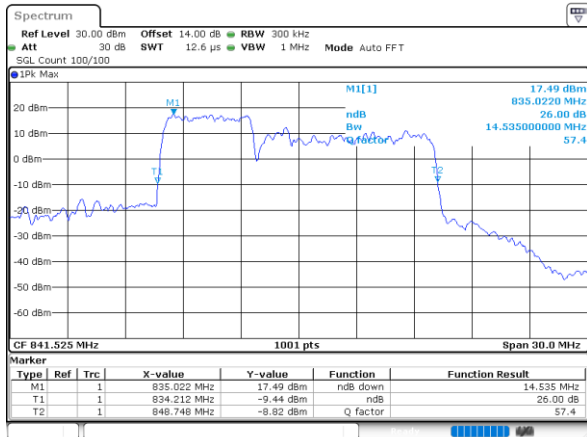
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Middle Channel / 10MHz+5MHz



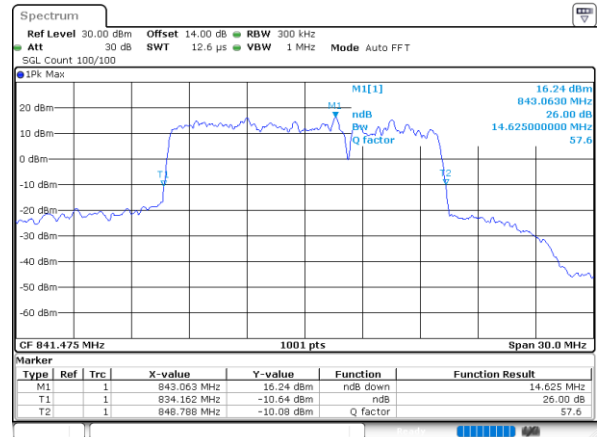
Date: 25, DEC, 2021 03:27:37

Highest Channel / 5MHz+10MHz



Date: 25, DEC, 2021 01:13:14

Highest Channel / 10MHz+5MHz



Date: 25, DEC, 2021 03:42:40

