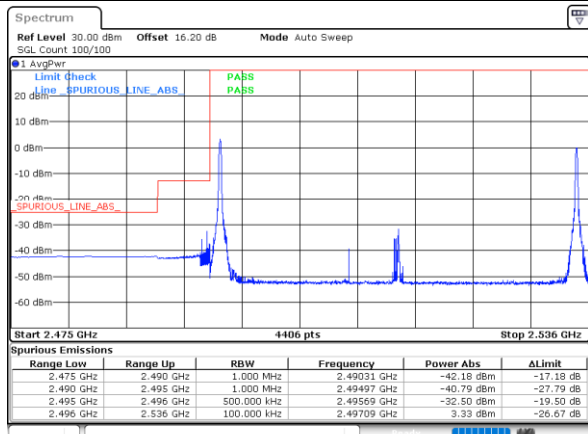




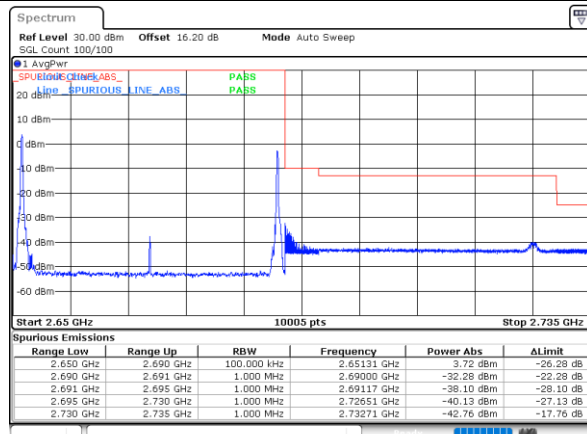
LTE Band 41C / 20MHz+20MHz

256QAM

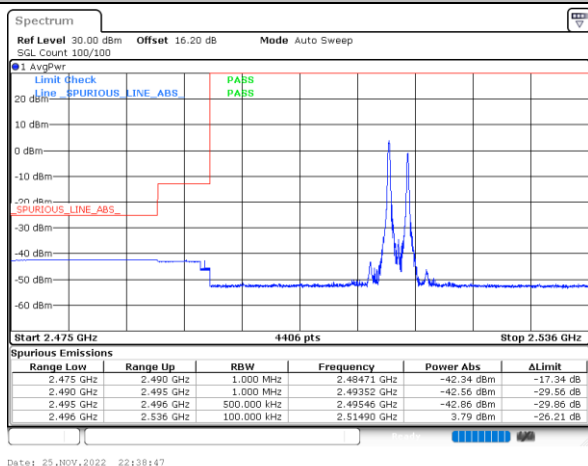
Lowest Band Edge / 1RB0 and 1RB99



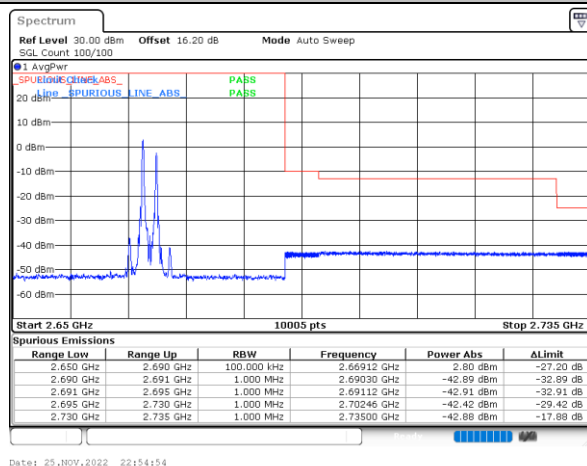
Highest Band Edge / 1RB0 and 1RB99



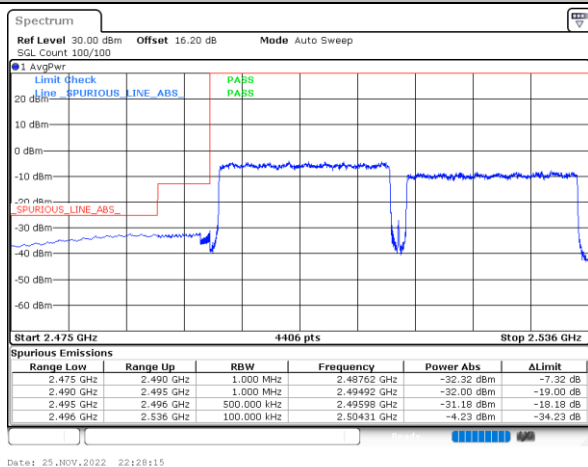
Lowest Band Edge / 1RB99 and 1RB0



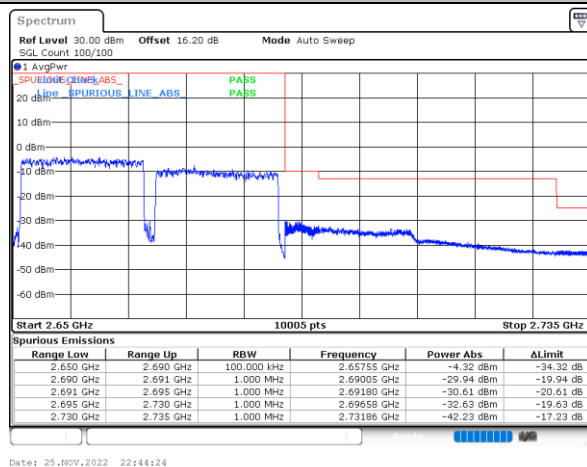
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





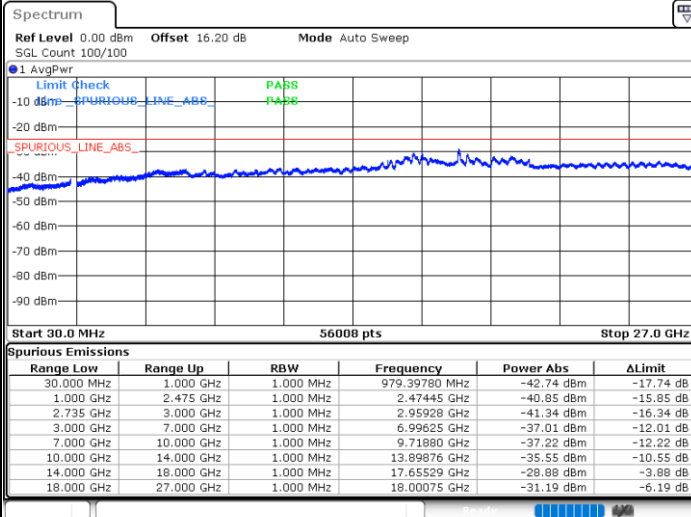
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

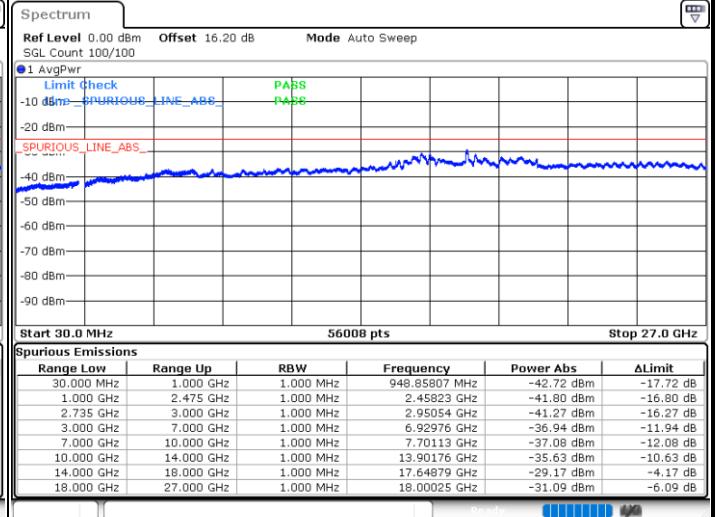
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



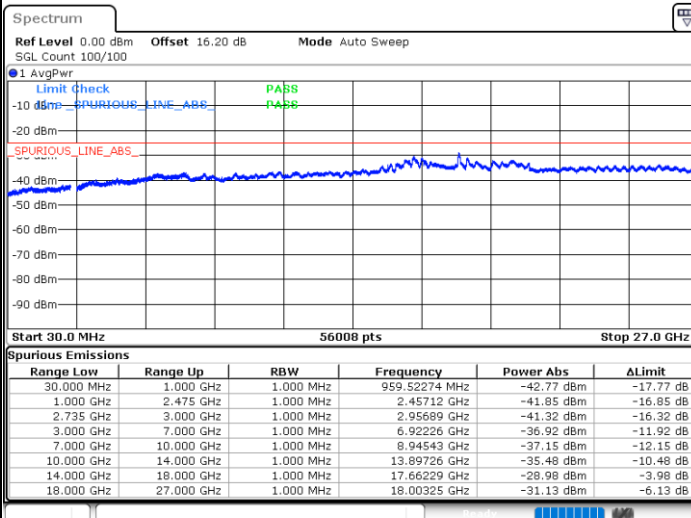
Date: 25.NOV.2022 15:44:00



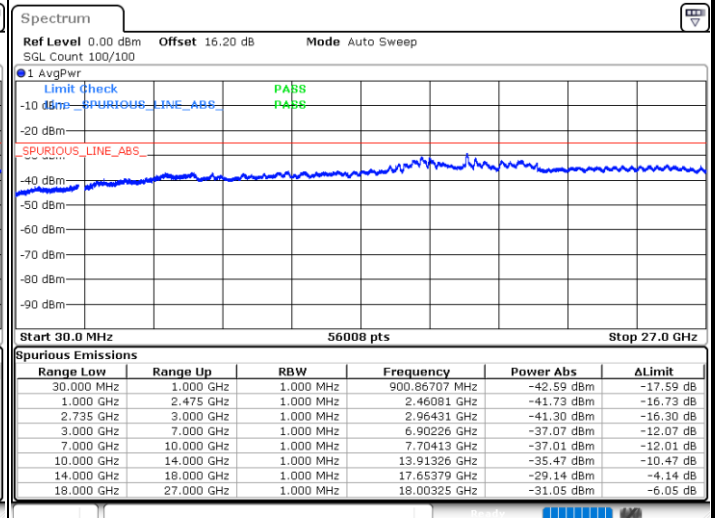
Date: 25.NOV.2022 15:50:28

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 25.NOV.2022 16:35:20



Date: 25.NOV.2022 16:33:53

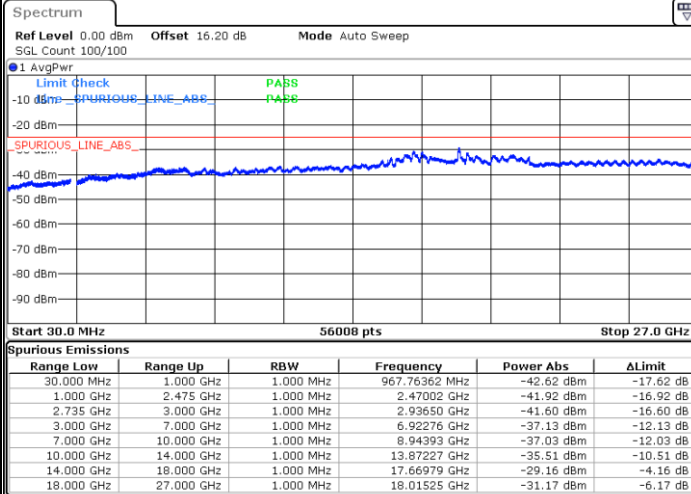


LTE Band 41C / 5MHz+20MHz

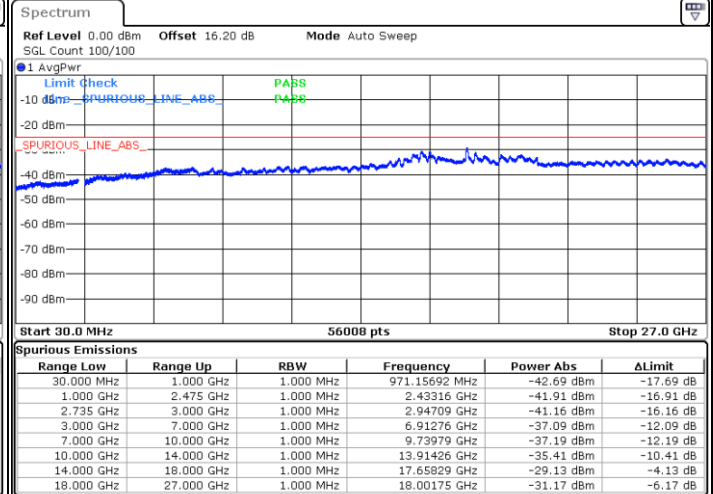
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 25.NOV.2022 15:19:03



Date: 25.NOV.2022 15:30:11



LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB49 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 16.20 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 56008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-42.74 dBm	-17.74 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-41.23 dBm	-16.23 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.93186 GHz	-41.42 dBm	-16.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92026 GHz	-36.94 dBm	-11.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.72180 GHz	-37.10 dBm	-12.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89626 GHz	-35.58 dBm	-10.58 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65679 GHz	-28.90 dBm	-3.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00375 GHz	-31.11 dBm	-6.11 dB

Spectrum

Ref Level 0.00 dBm Offset 16.20 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 56008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-42.65 dBm	-17.65 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44090 GHz	-42.02 dBm	-17.02 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94855 GHz	-41.30 dBm	-16.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92376 GHz	-36.95 dBm	-11.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92293 GHz	-37.14 dBm	-12.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.87777 GHz	-35.55 dBm	-10.55 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65379 GHz	-28.95 dBm	-3.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00575 GHz	-31.30 dBm	-6.30 dB

Date: 25.NOV.2022 17:05:38

Date: 25.NOV.2022 17:14:11

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB49 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 16.20 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 56008 pts Stop 27.0 GHz

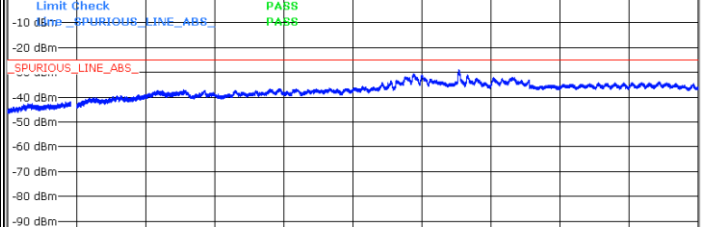
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-42.42 dBm	-17.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46744 GHz	-41.87 dBm	-16.87 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94696 GHz	-41.55 dBm	-16.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-36.98 dBm	-11.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90843 GHz	-37.19 dBm	-12.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88426 GHz	-35.74 dBm	-10.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66279 GHz	-28.66 dBm	-3.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00075 GHz	-31.12 dBm	-6.12 dB

Spectrum

Ref Level 0.00 dBm Offset 16.20 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 56008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-42.61 dBm	-17.61 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46855 GHz	-41.84 dBm	-16.84 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96100 GHz	-41.38 dBm	-16.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90376 GHz	-36.99 dBm	-11.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.93143 GHz	-37.19 dBm	-12.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90126 GHz	-35.61 dBm	-10.61 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.64779 GHz	-28.83 dBm	-3.83 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00075 GHz	-30.87 dBm	-5.87 dB

Date: 25.NOV.2022 17:44:02

Date: 25.NOV.2022 17:42:34

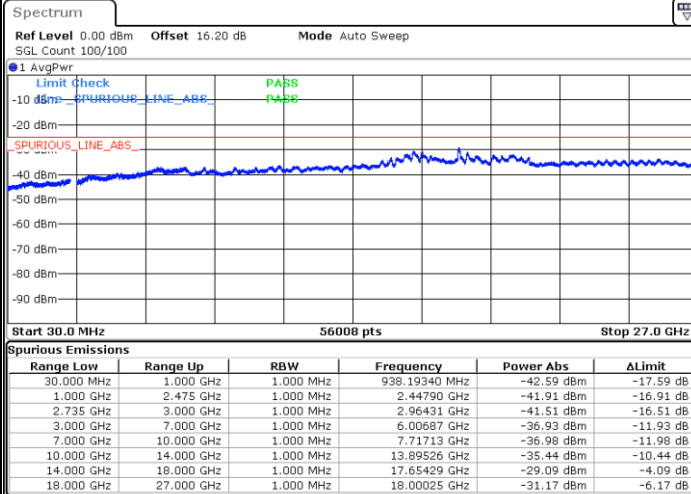


LTE Band 41C / 10MHz+15MHz

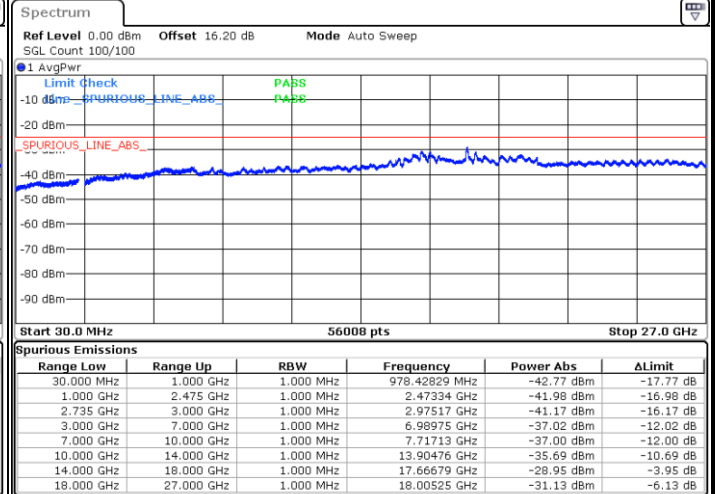
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB49 and 1RB0



Date: 25.NOV.2022 16:42:04



Date: 25.NOV.2022 16:51:14

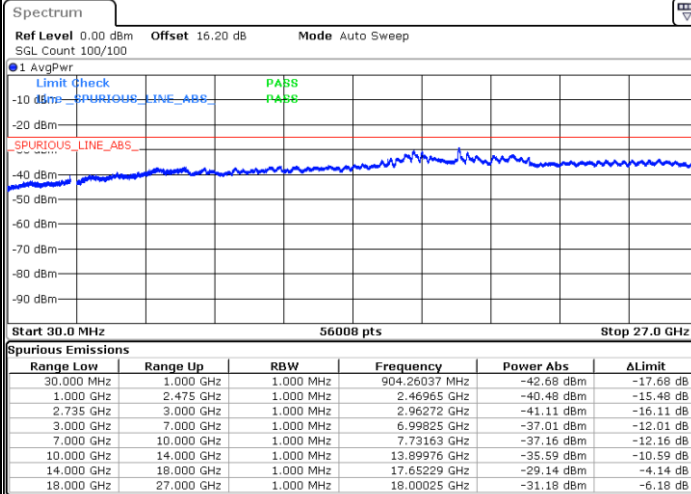


LTE Band 41C / 10MHz+20MHz

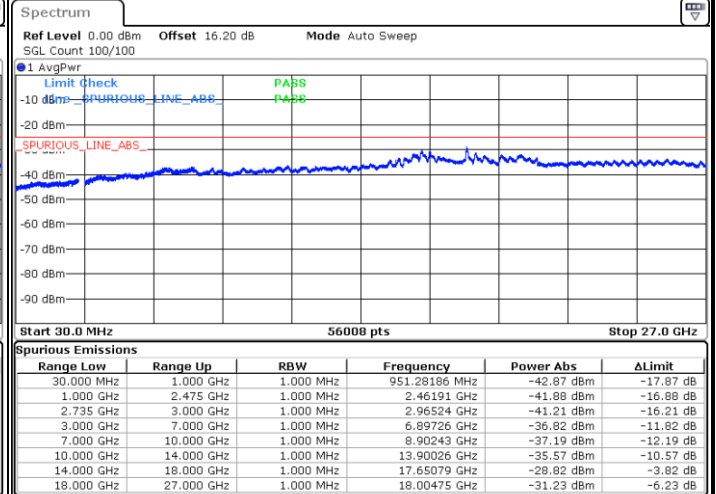
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



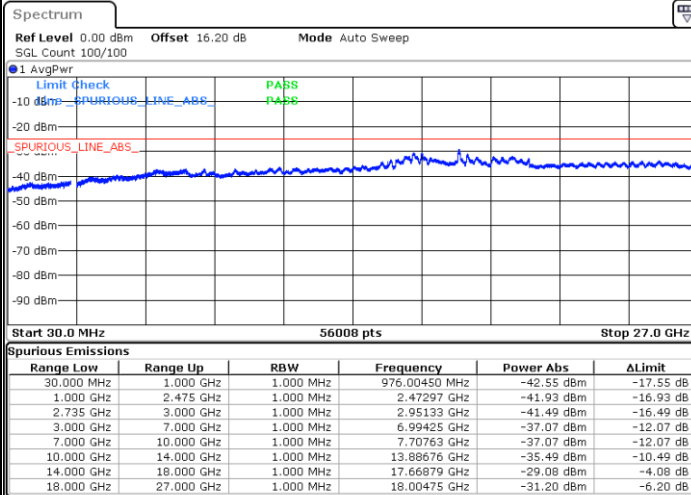
Date: 25.NOV.2022 18:08:43



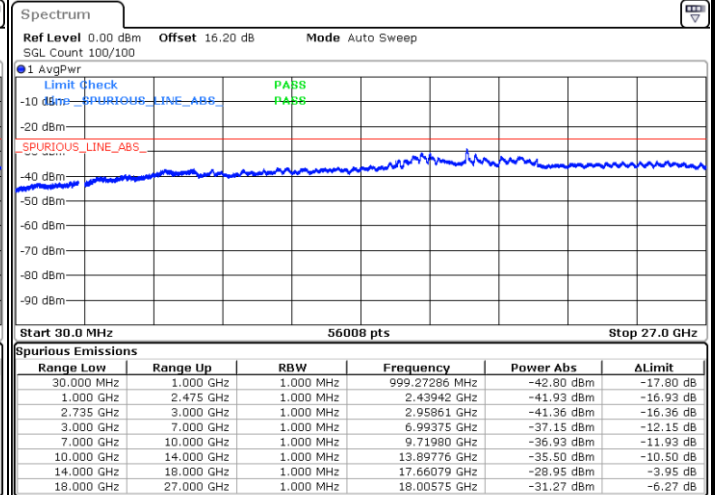
Date: 25.NOV.2022 18:15:28

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 25.NOV.2022 18:21:42



Date: 25.NOV.2022 18:20:15

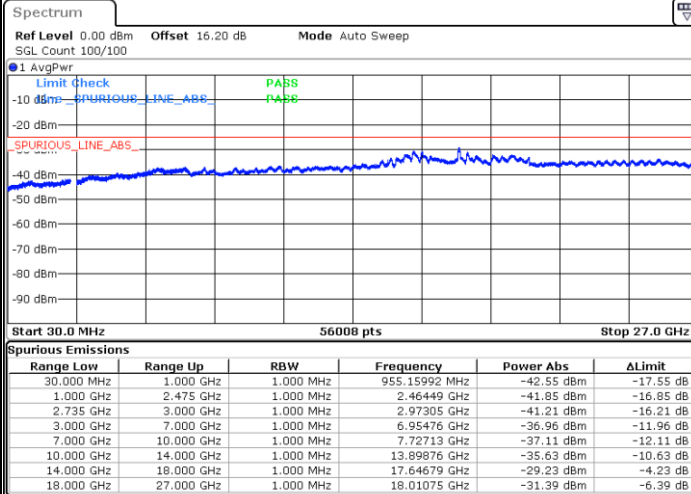


LTE Band 41C / 10MHz+20MHz

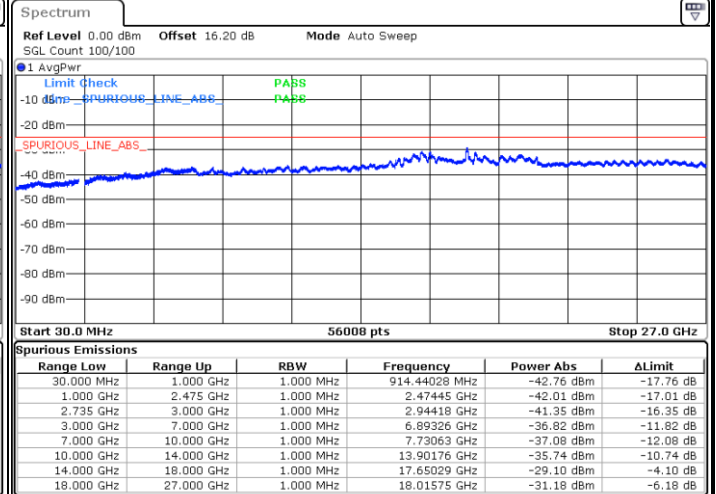
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 25.NOV.2022 17:49:57



Date: 25.NOV.2022 17:58:11

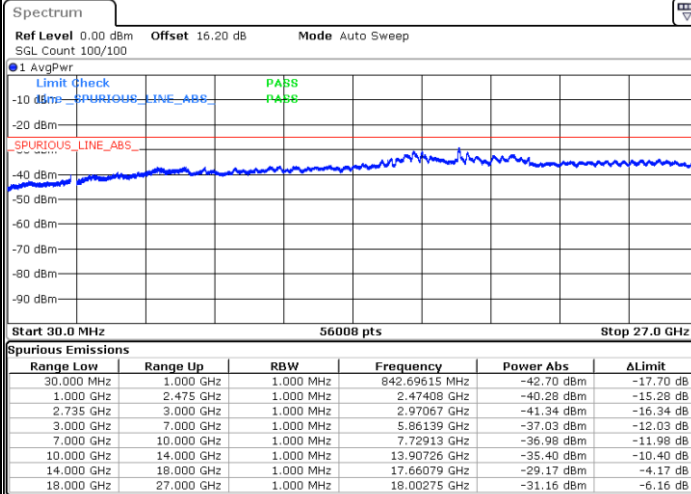


LTE Band 41C / 15MHz+10MHz

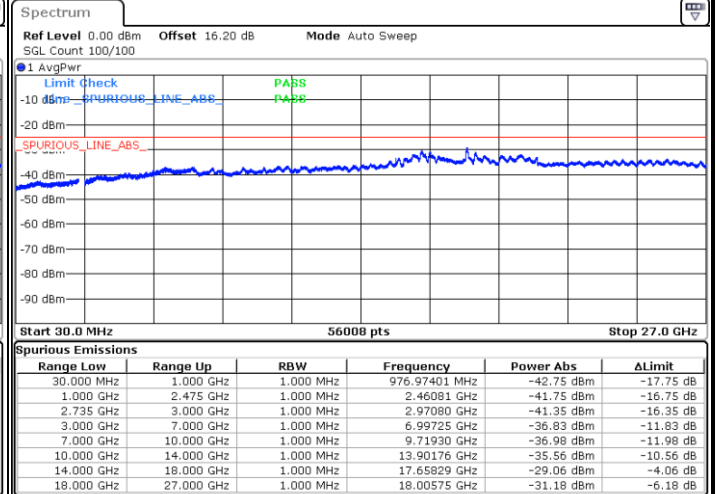
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0



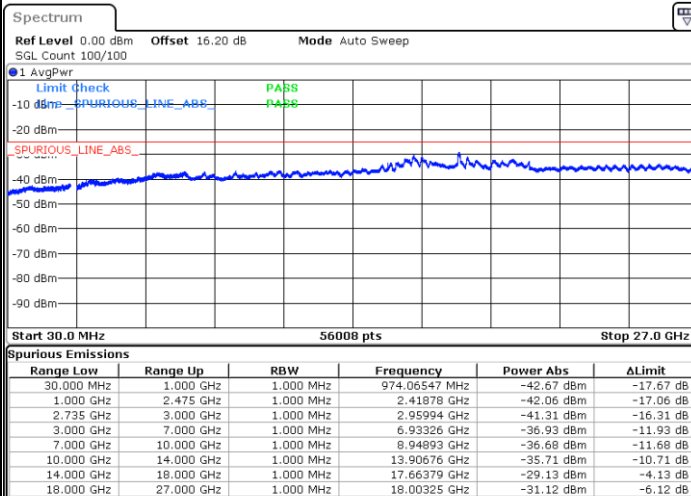
Date: 25.NOV.2022 18:27:29



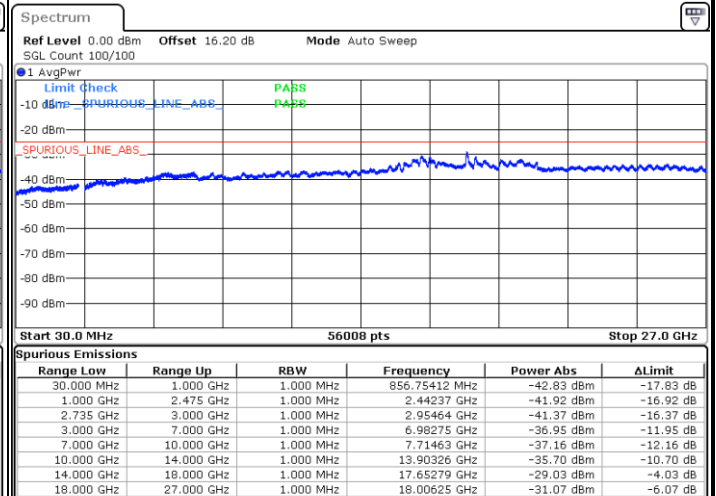
Date: 25.NOV.2022 18:34:07

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 25.NOV.2022 19:00:25



Date: 25.NOV.2022 18:58:58

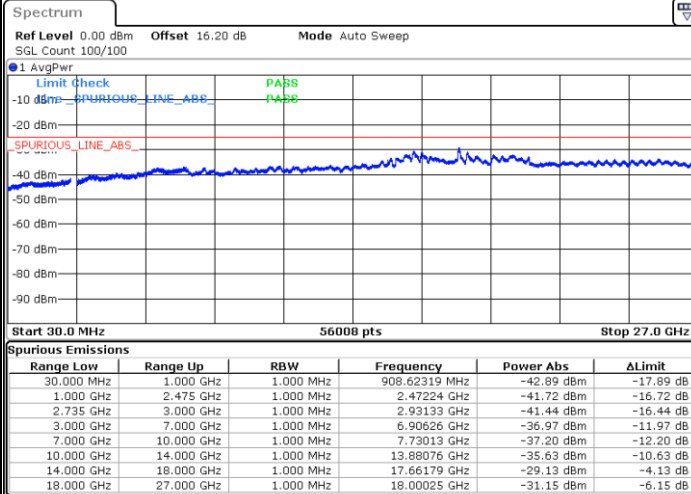


LTE Band 41C / 15MHz+10MHz

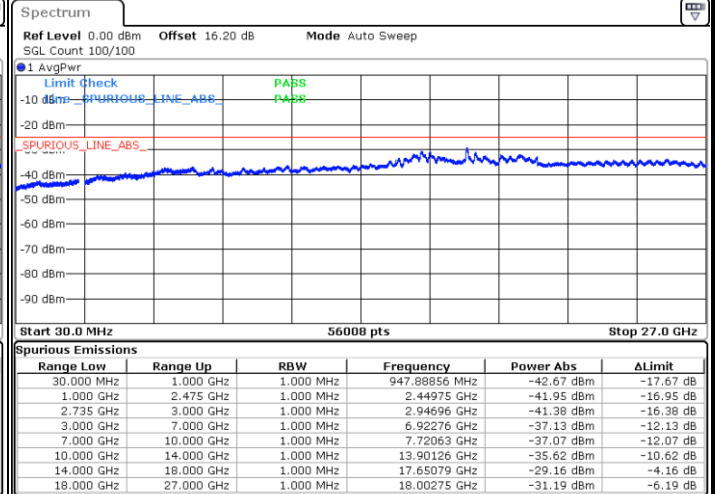
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 25.NOV.2022 18:45:47



Date: 25.NOV.2022 18:52:32

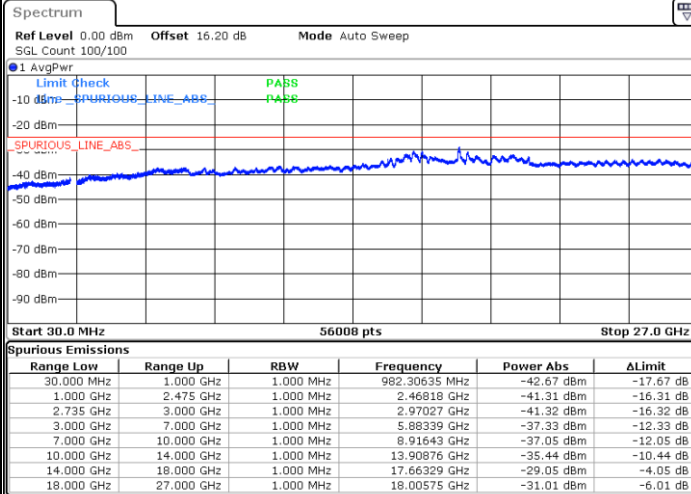


LTE Band 41C / 15MHz+15MHz

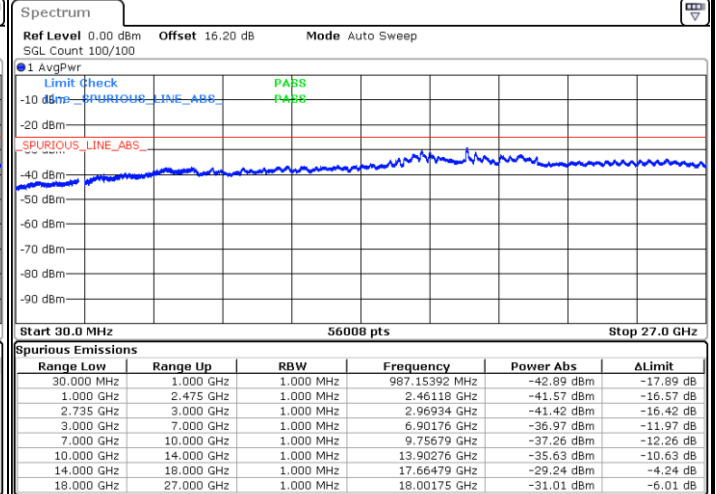
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



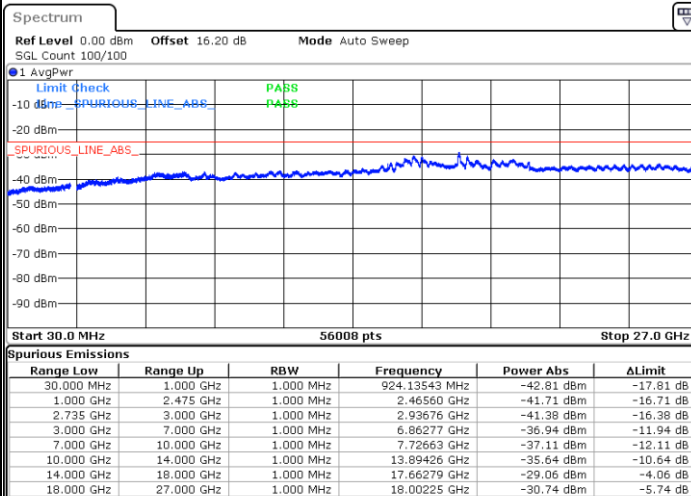
Date: 25.NOV.2022 19:05:53



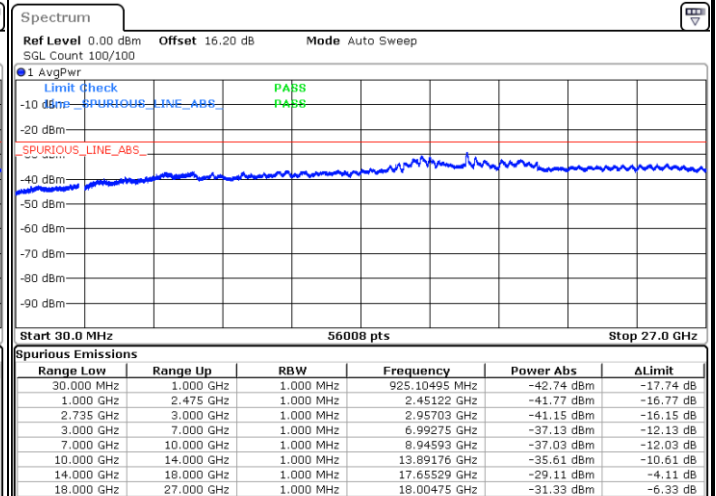
Date: 25.NOV.2022 19:12:07

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 25.NOV.2022 19:44:48



Date: 25.NOV.2022 19:43:26

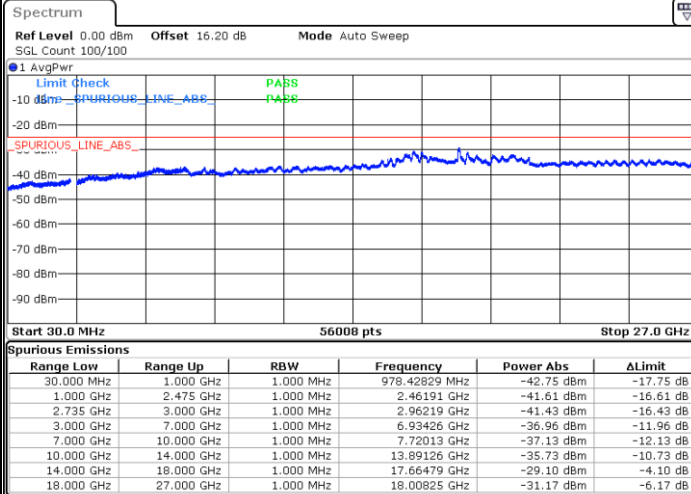


LTE Band 41C / 15MHz+15MHz

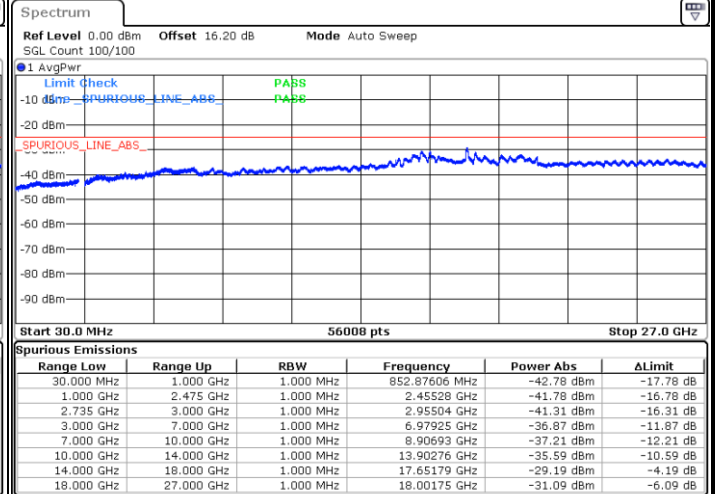
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 25.NOV.2022 19:22:23



Date: 25.NOV.2022 19:28:36

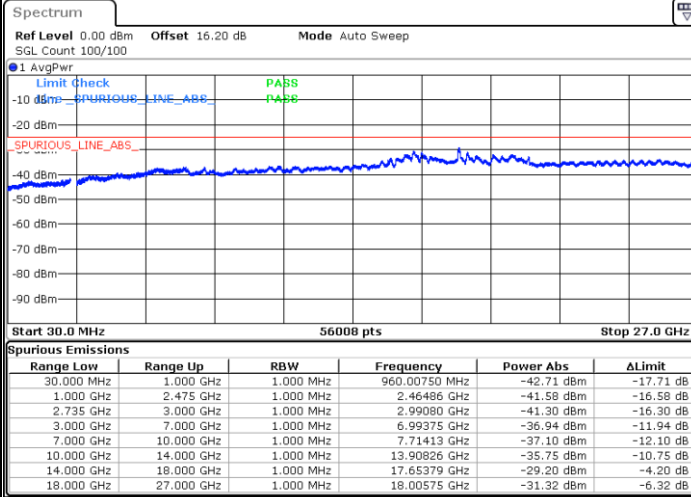


LTE Band 41C / 15MHz+20MHz

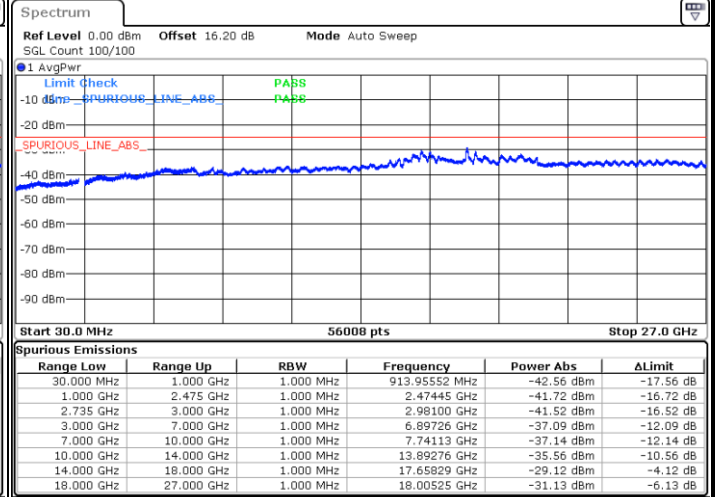
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



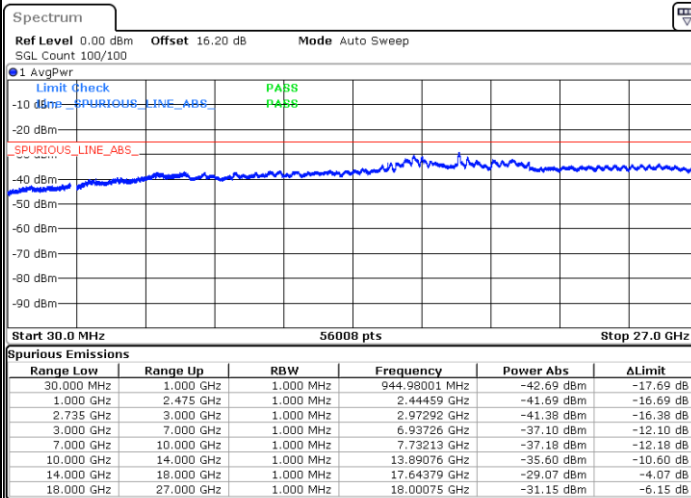
Date: 25.NOV.2022 19:52:52



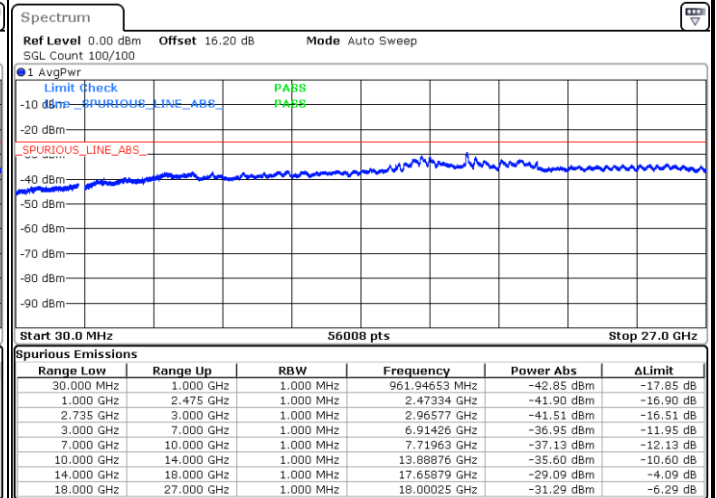
Date: 25.NOV.2022 19:59:38

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 25.NOV.2022 20:26:03



Date: 25.NOV.2022 20:24:36

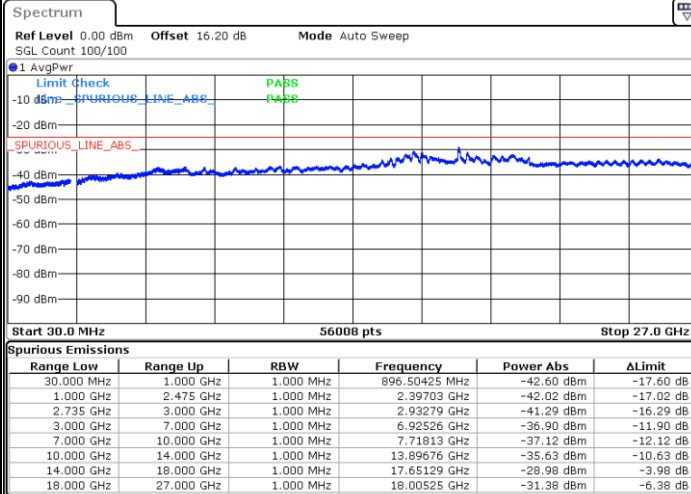


LTE Band 41C / 15MHz+20MHz

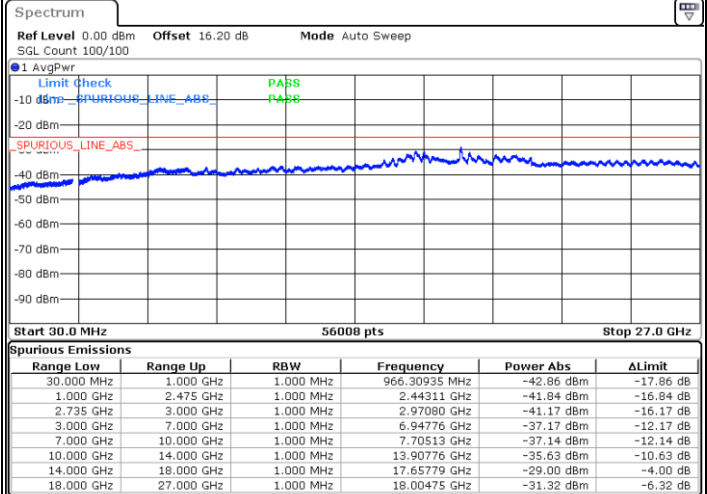
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 25.NOV.2022 20:11:21



Date: 25.NOV.2022 20:18:04

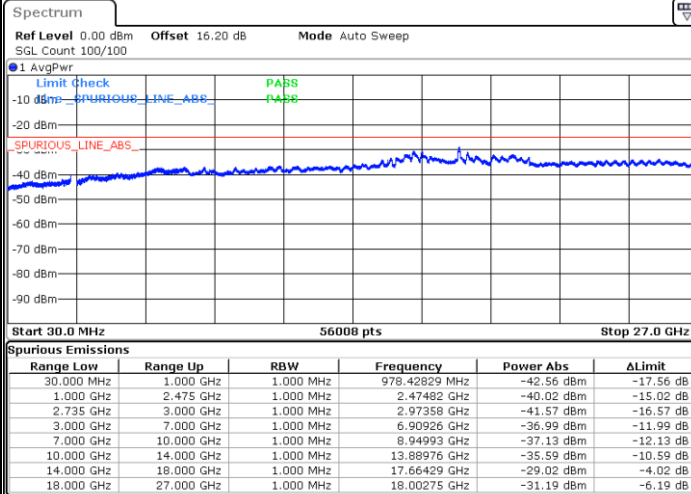


LTE Band 41C / 20MHz+5MHz

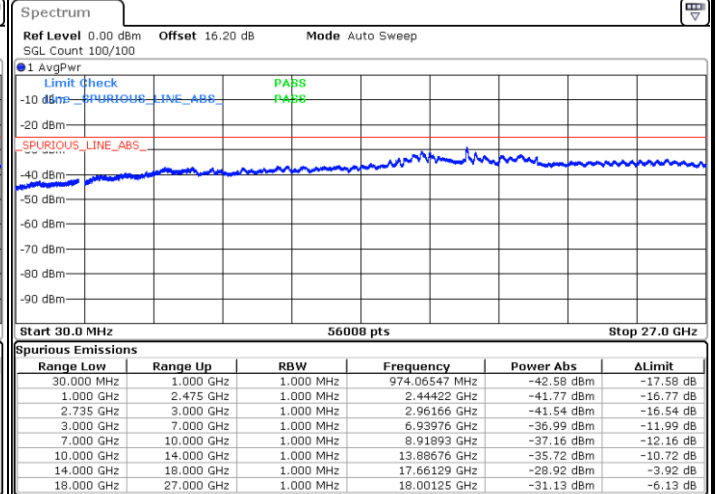
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



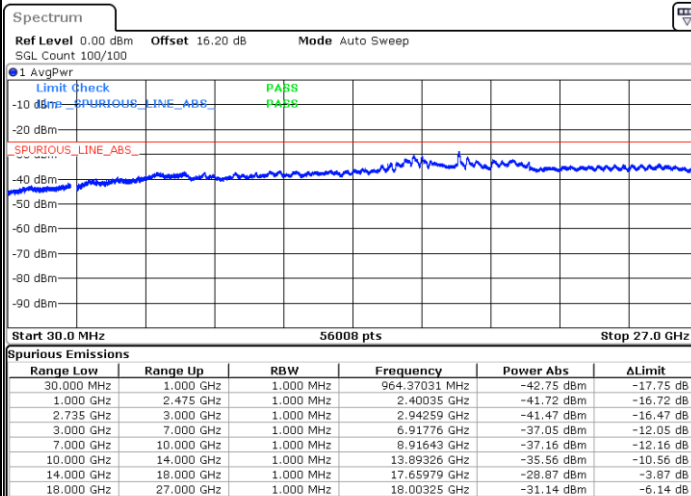
Date: 25.NOV.2022 20:33:25



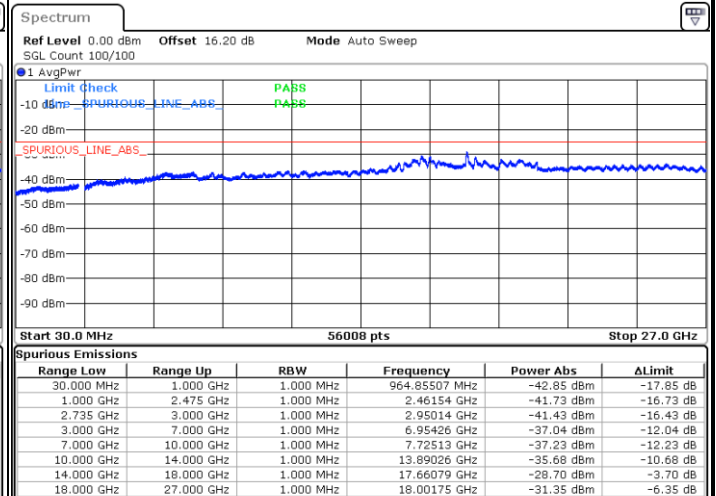
Date: 25.NOV.2022 20:40:03

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 21:03:42



Date: 25.NOV.2022 21:02:15

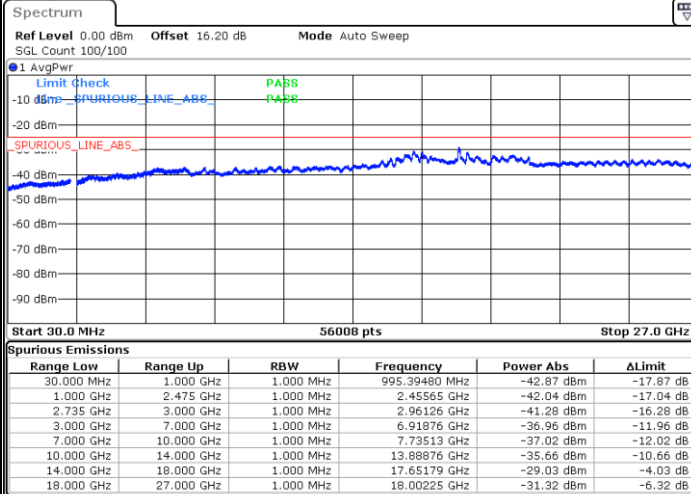


LTE Band 41C / 20MHz+5MHz

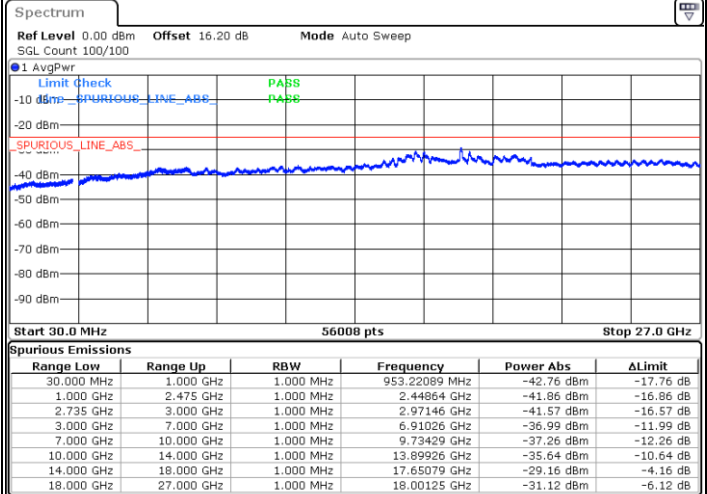
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 20:48:59



Date: 25.NOV.2022 20:55:43

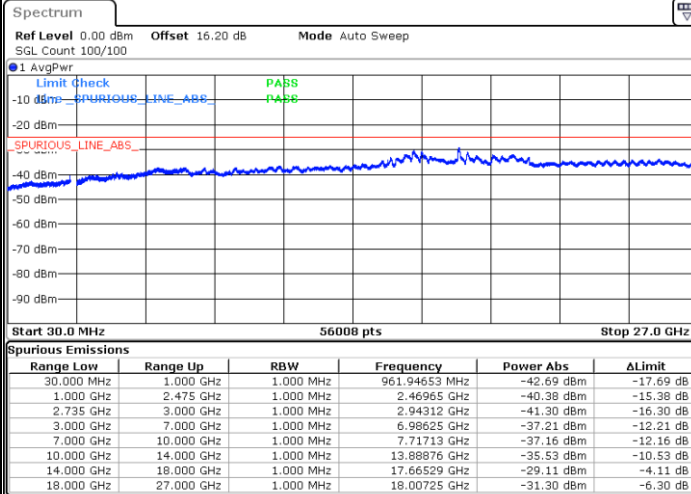


LTE Band 41C / 20MHz+10MHz

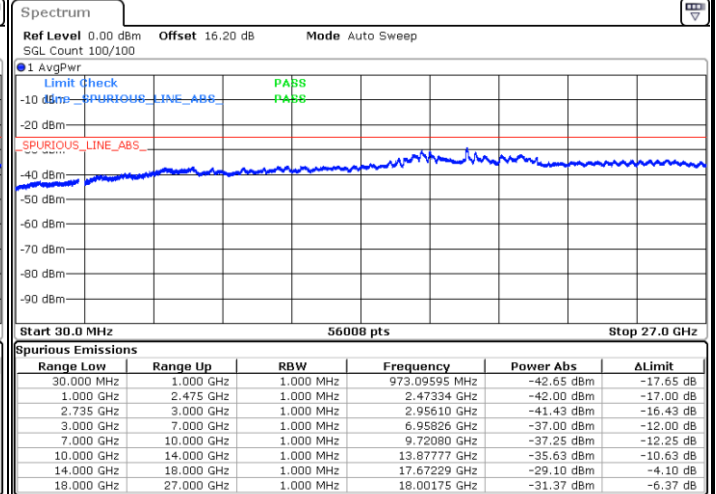
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



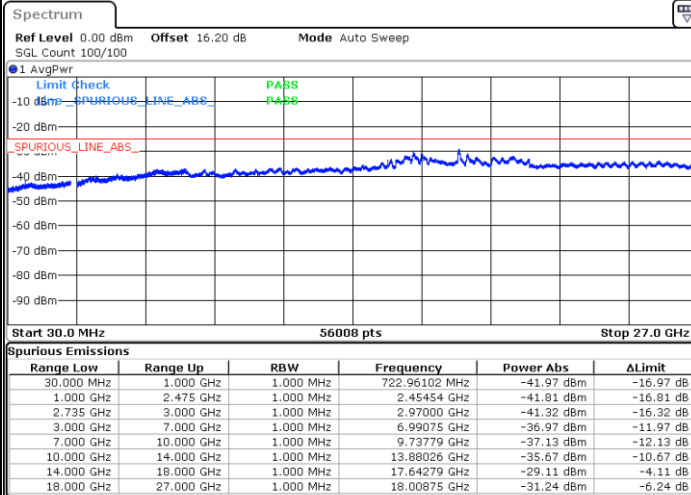
Date: 25.NOV.2022 21:09:37



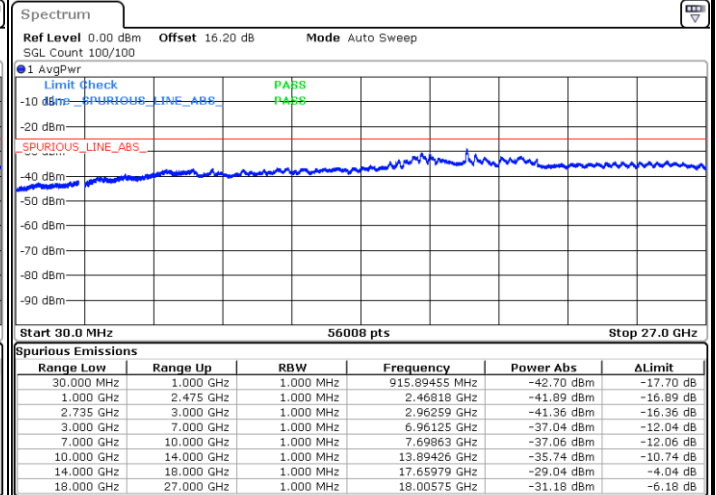
Date: 25.NOV.2022 21:16:23

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 21:39:56



Date: 25.NOV.2022 21:38:29

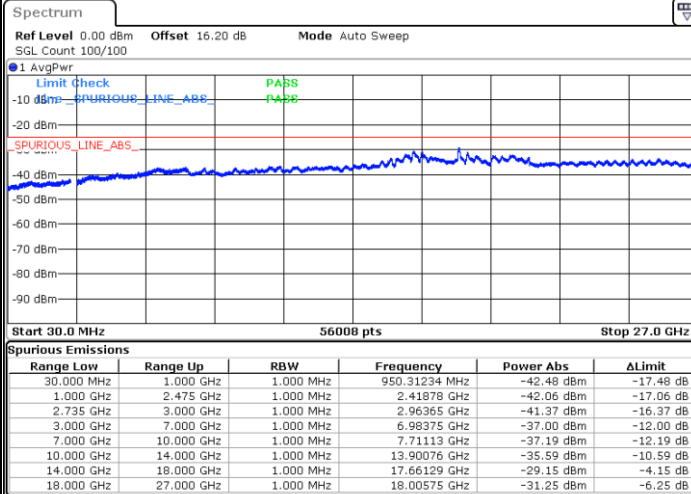


LTE Band 41C / 20MHz+10MHz

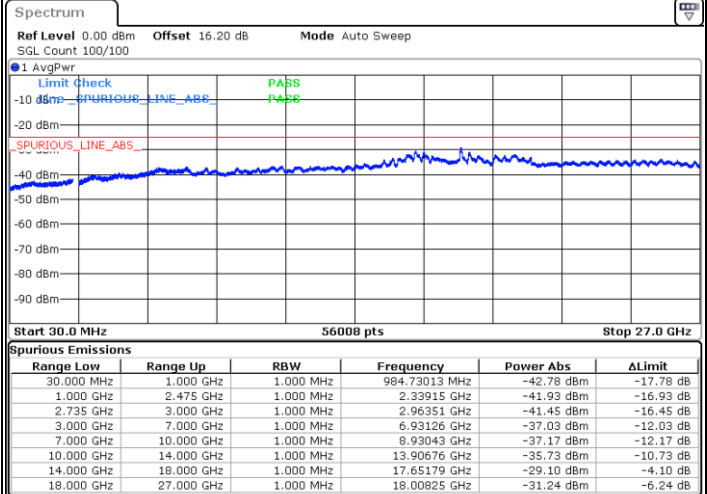
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 21:26:59



Date: 25.NOV.2022 21:33:43

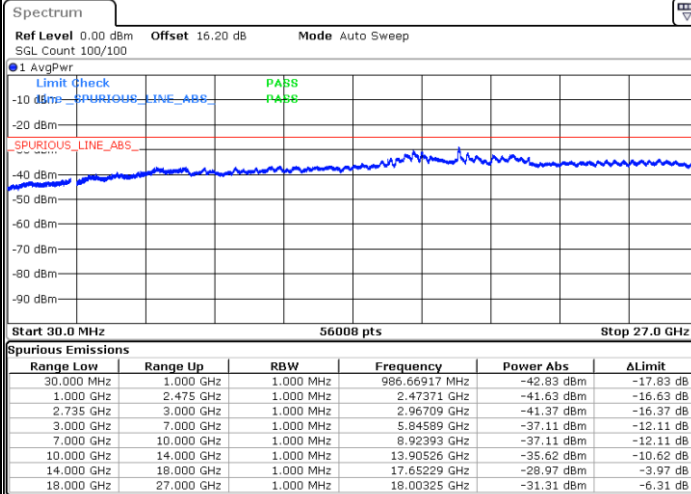


LTE Band 41C / 20MHz+15MHz

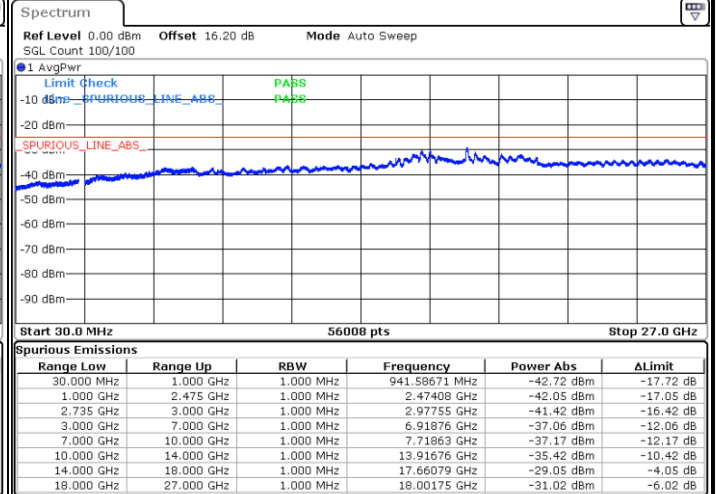
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



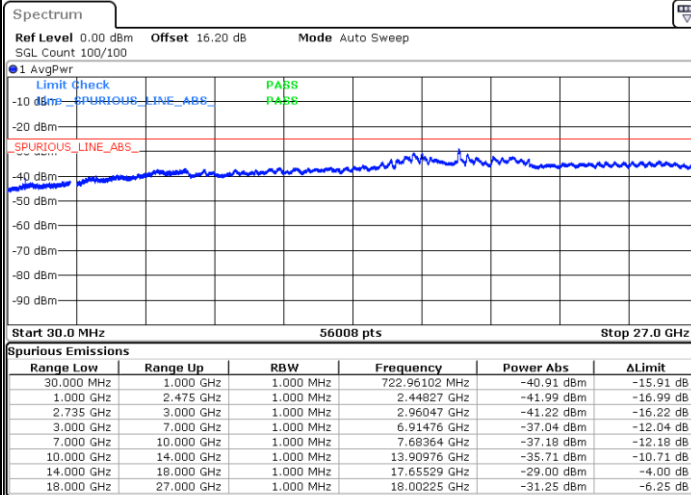
Date: 25.NOV.2022 21:45:51



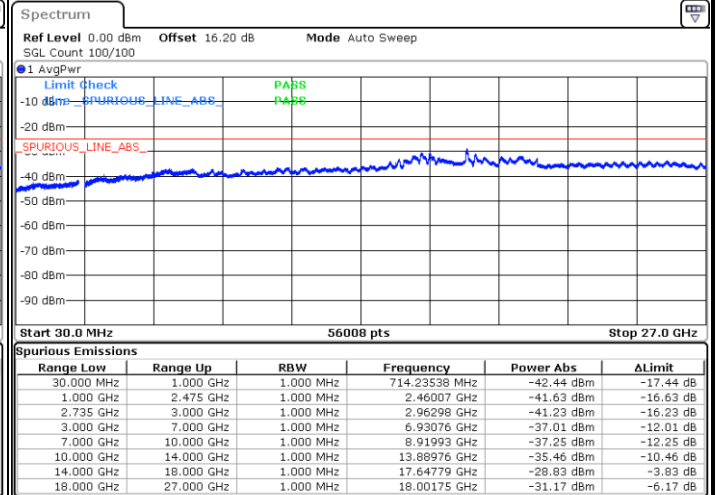
Date: 25.NOV.2022 21:52:36

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 22:24:08



Date: 25.NOV.2022 22:22:40

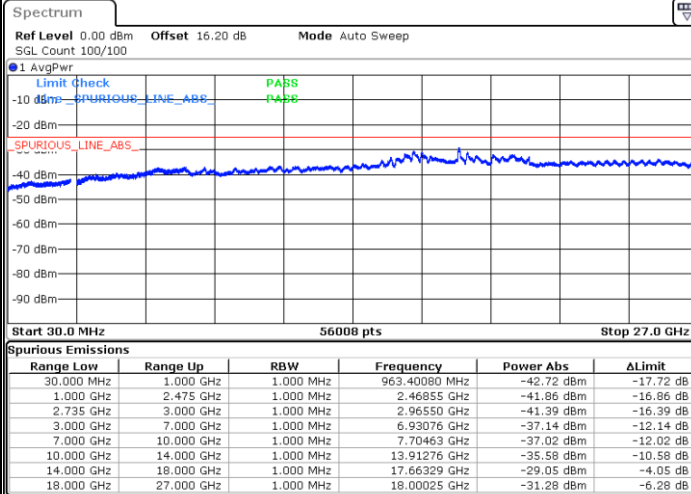


LTE Band 41C / 20MHz+15MHz

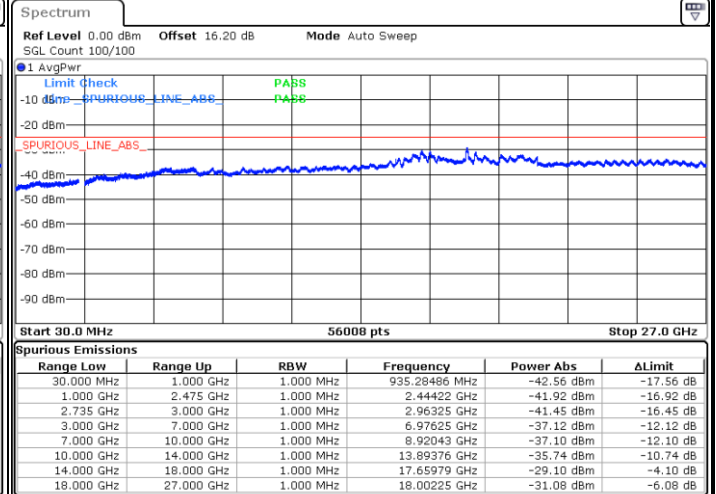
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 22:03:13



Date: 25.NOV.2022 22:09:57

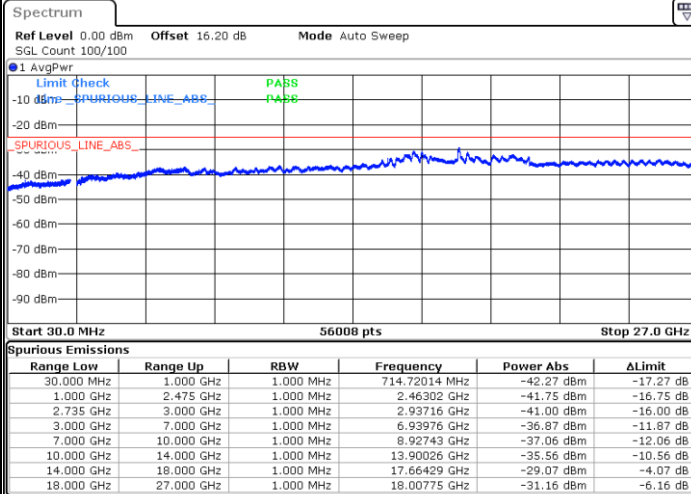


LTE Band 41C / 20MHz+20MHz

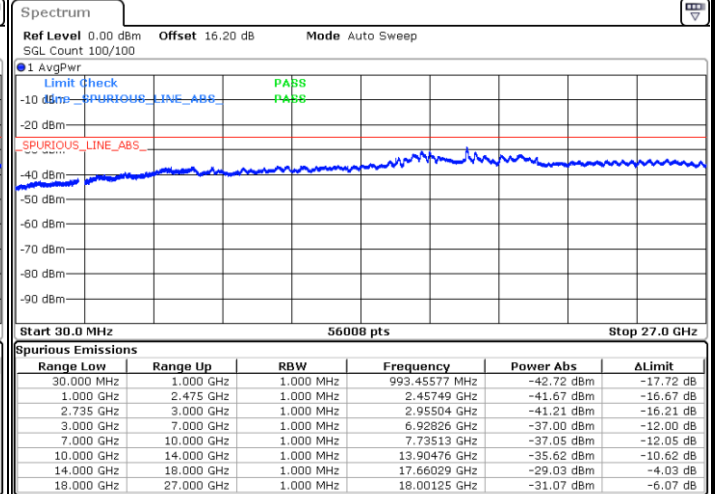
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



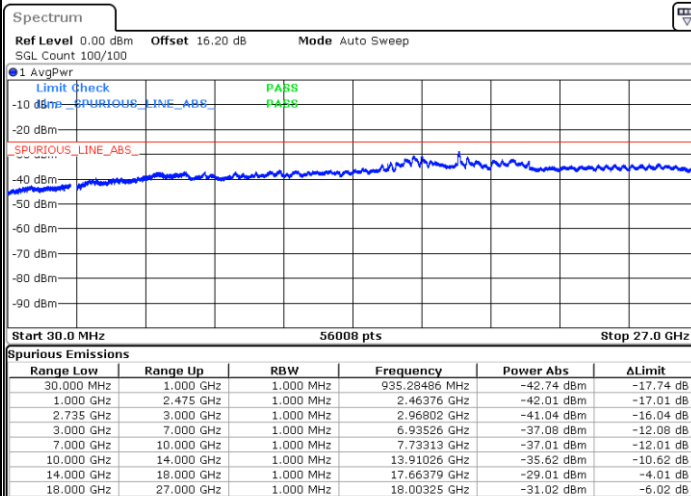
Date: 25.NOV.2022 22:29:37



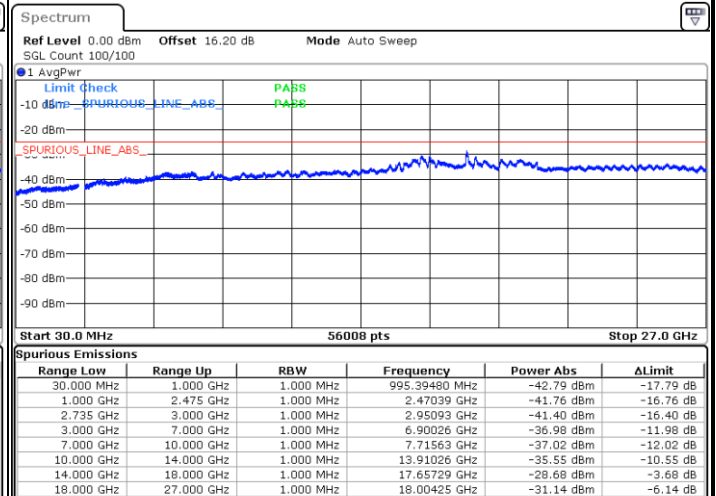
Date: 25.NOV.2022 22:35:51

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 22:59:29



Date: 25.NOV.2022 22:58:07

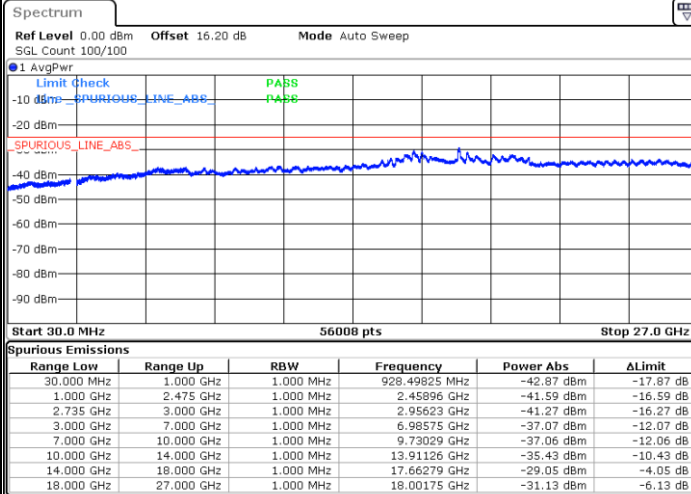


LTE Band 41C / 20MHz+20MHz

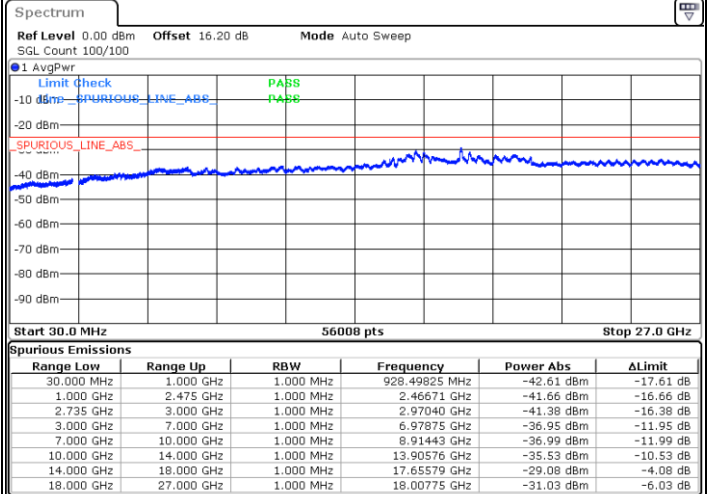
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 25.NOV.2022 22:45:46



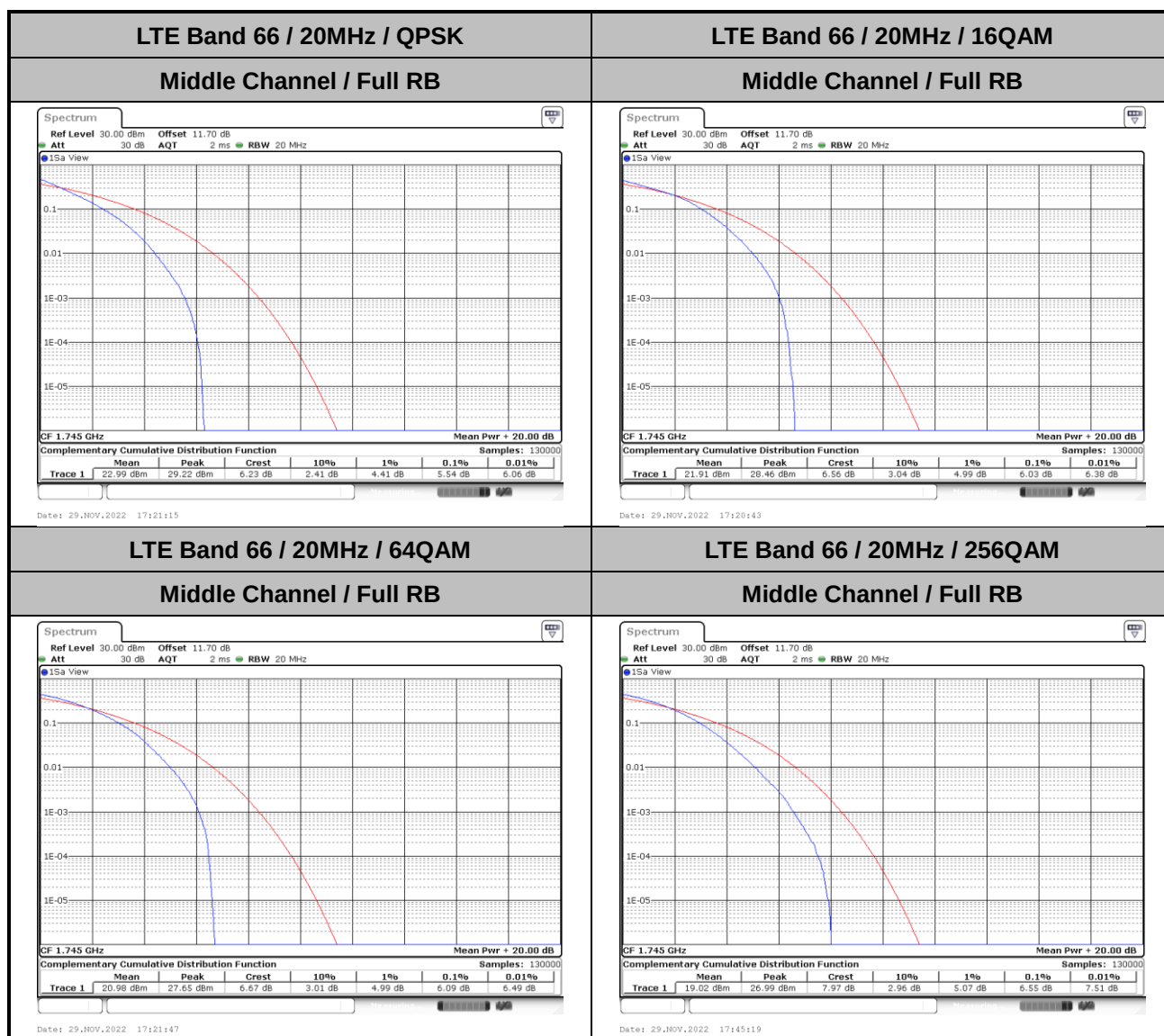
Date: 25.NOV.2022 22:51:59



LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.54	6.03	6.09	6.55	PASS



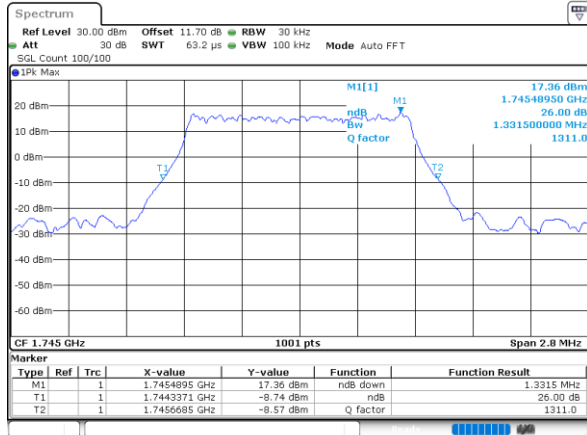
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.33	1.33	3.04	3.13	5.23	5.28	10.25	10.09	14.57	14.87	18.86	19.54
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.29	1.28	3.04	3.18	5.32	5.31	10.09	10.21	14.54	14.78	18.78	19.26



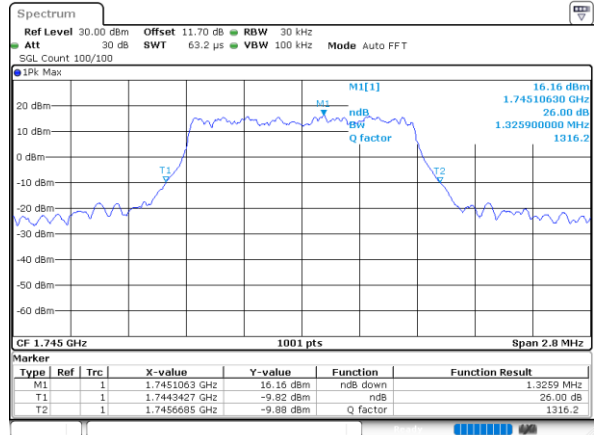
LTE Band 66

Middle Channel / 1.4MHz / QPSK



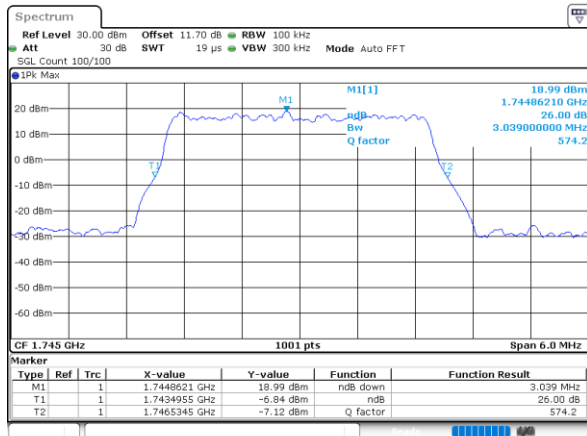
Date: 29.NOV.2022 15:01:26

Middle Channel / 1.4MHz / 16QAM



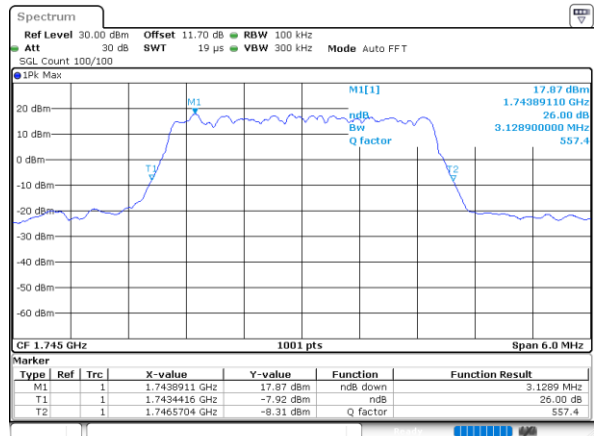
Date: 29.NOV.2022 15:01:56

Middle Channel / 3MHz / QPSK



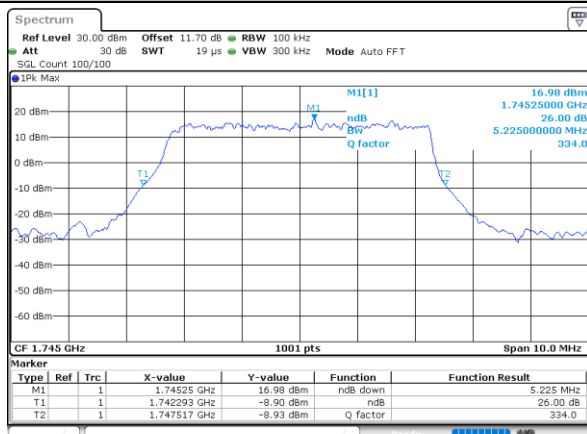
Date: 29.NOV.2022 16:37:36

Middle Channel / 3MHz / 16QAM



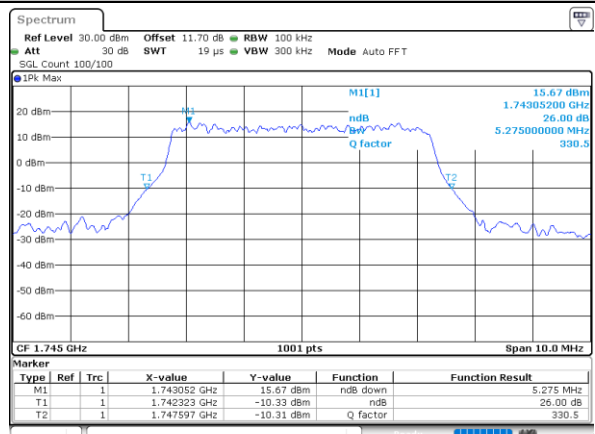
Date: 29.NOV.2022 16:38:06

Middle Channel / 5MHz / QPSK



Date: 29.NOV.2022 16:49:04

Middle Channel / 5MHz / 16QAM

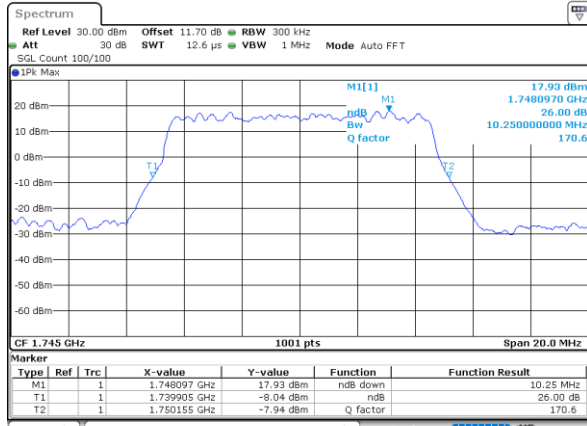


Date: 29.NOV.2022 16:49:34



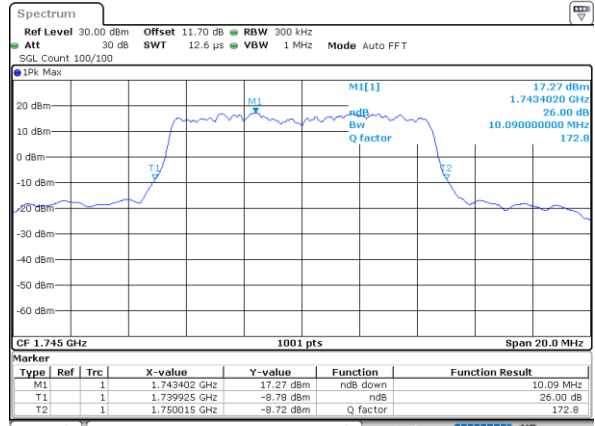
LTE Band 66

Middle Channel / 10MHz / QPSK



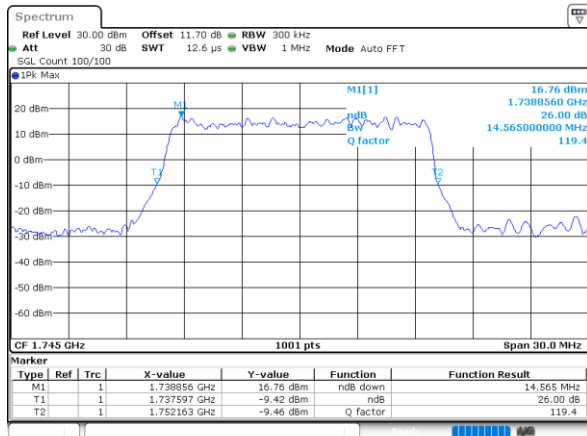
Date: 29.NOV.2022 16:55:20

Middle Channel / 10MHz / 16QAM



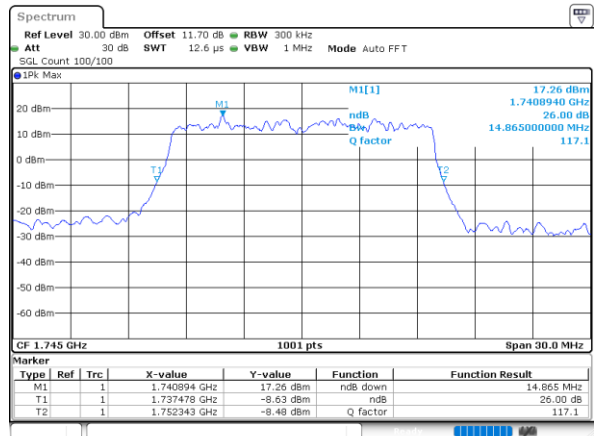
Date: 29.NOV.2022 16:55:49

Middle Channel / 15MHz / QPSK



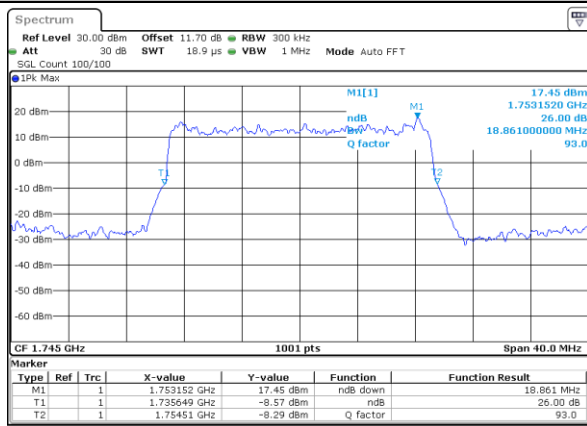
Date: 29.NOV.2022 17:06:49

Middle Channel / 15MHz / 16QAM



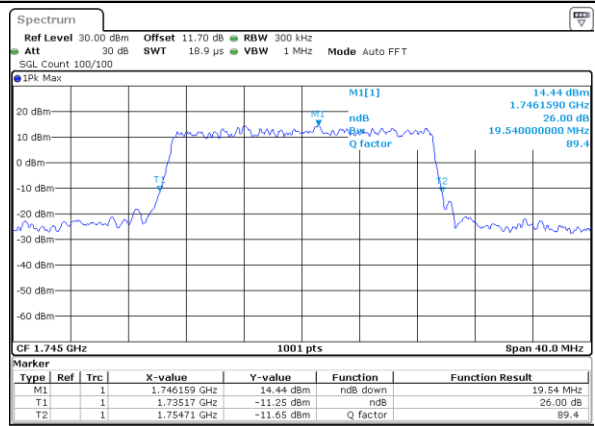
Date: 29.NOV.2022 17:07:19

Middle Channel / 20MHz / QPSK



Date: 29.NOV.2022 17:15:00

Middle Channel / 20MHz / 16QAM

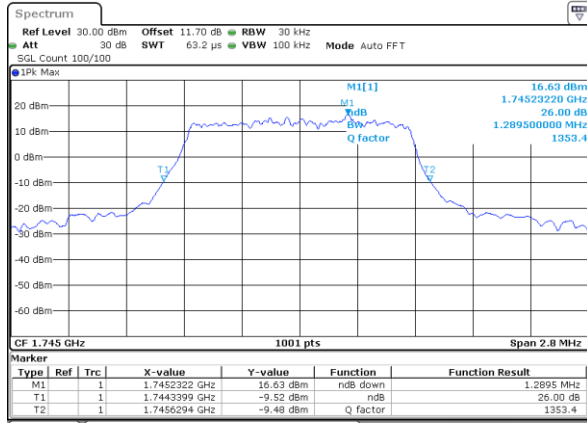


Date: 29.NOV.2022 17:15:29



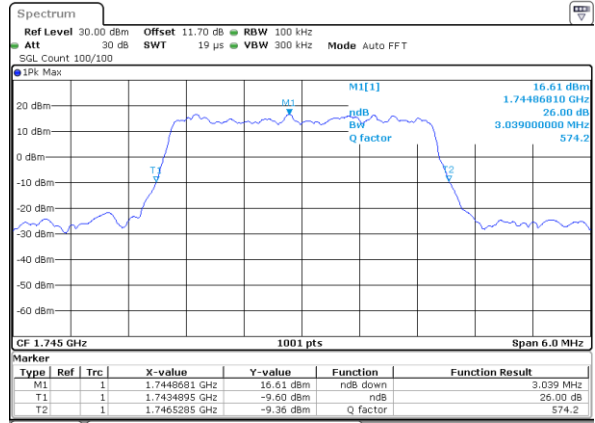
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



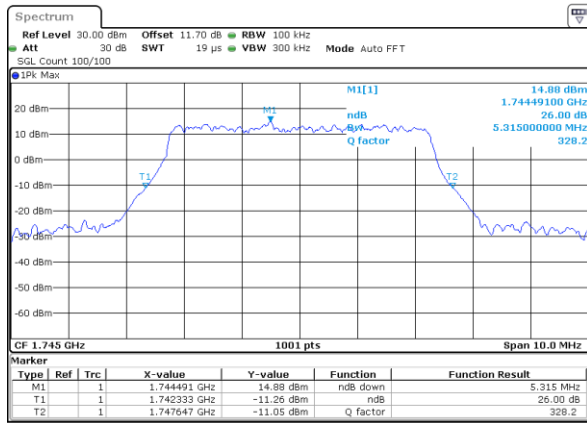
Date: 29.NOV.2022 16:30:10

Middle Channel / 3MHz / 64QAM



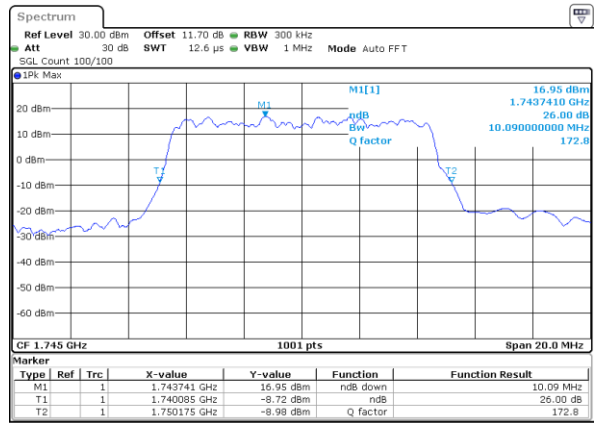
Date: 29.NOV.2022 16:41:49

Middle Channel / 5MHz / 64QAM



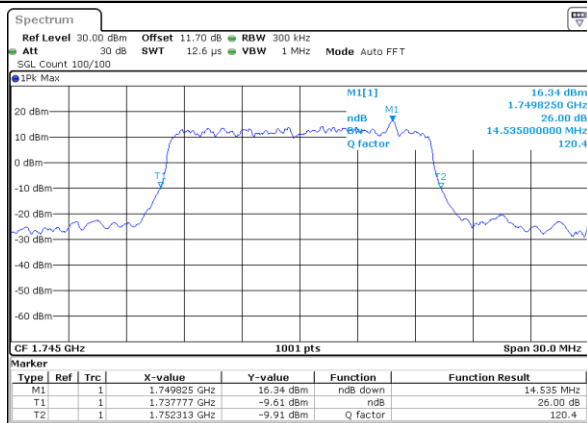
Date: 29.NOV.2022 16:44:37

Middle Channel / 10MHz / 64QAM



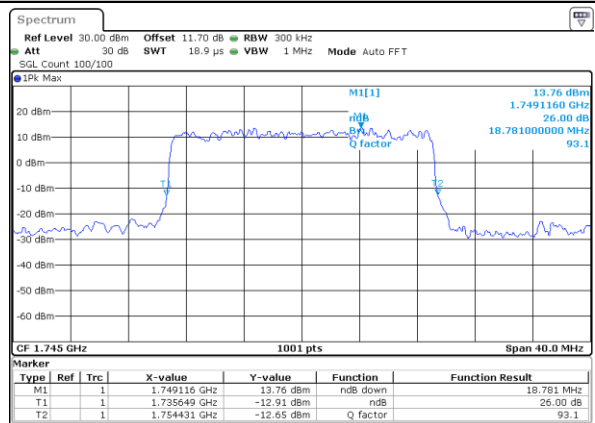
Date: 29.NOV.2022 16:59:33

Middle Channel / 15MHz / 64QAM



Date: 29.NOV.2022 17:02:21

Middle Channel / 20MHz / 64QAM

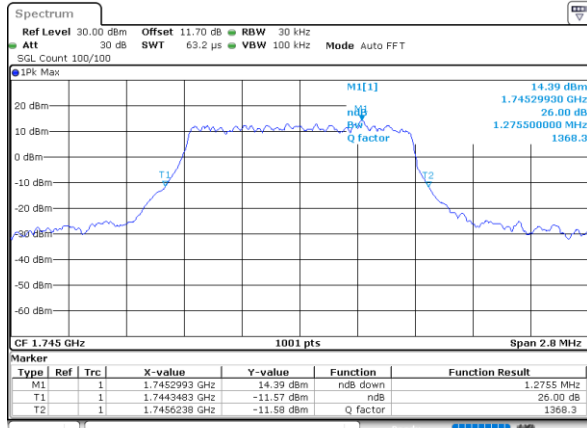


Date: 29.NOV.2022 17:19:13



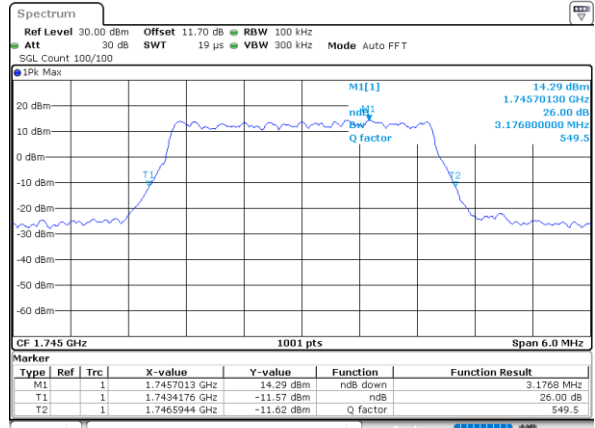
LTE Band 66

Middle Channel / 1.4MHz / 256QAM



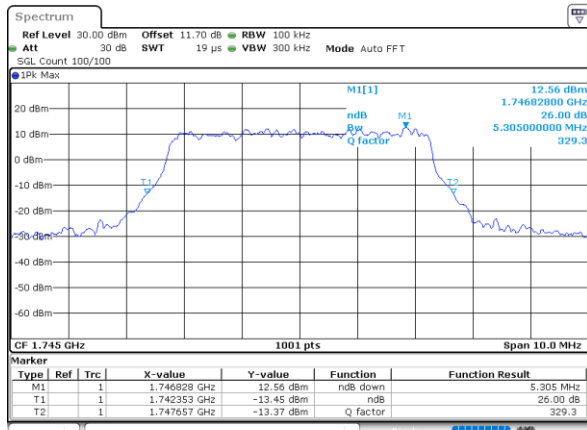
Date: 29.NOV.2022 17:26:38

Middle Channel / 3MHz / 256QAM



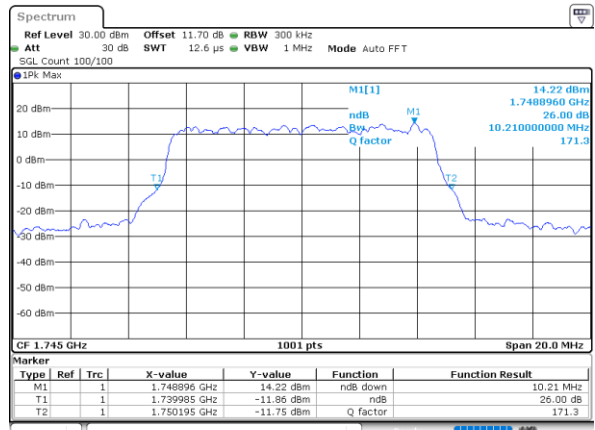
Date: 29.NOV.2022 17:32:27

Middle Channel / 5MHz / 256QAM



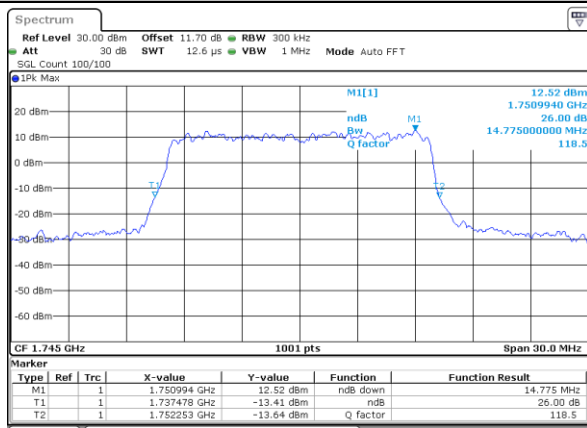
Date: 29.NOV.2022 17:35:14

Middle Channel / 10MHz / 256QAM



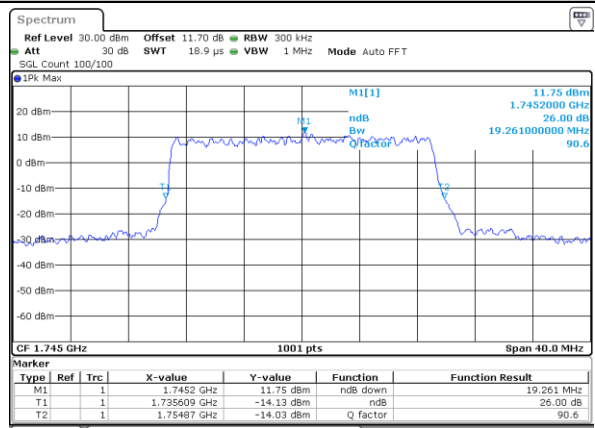
Date: 29.NOV.2022 17:38:05

Middle Channel / 15MHz / 256QAM



Date: 29.NOV.2022 17:40:54

Middle Channel / 20MHz / 256QAM



Date: 29.NOV.2022 17:43:45

**Occupied Bandwidth**

Mode	LTE Band 66 : 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	1.09	1.10	2.75	2.74	4.52	4.50	9.03	9.05	13.43	13.37	17.90	17.90
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.10	2.73	2.73	4.52	4.50	9.05	9.01	13.43	13.40	17.90	17.90