

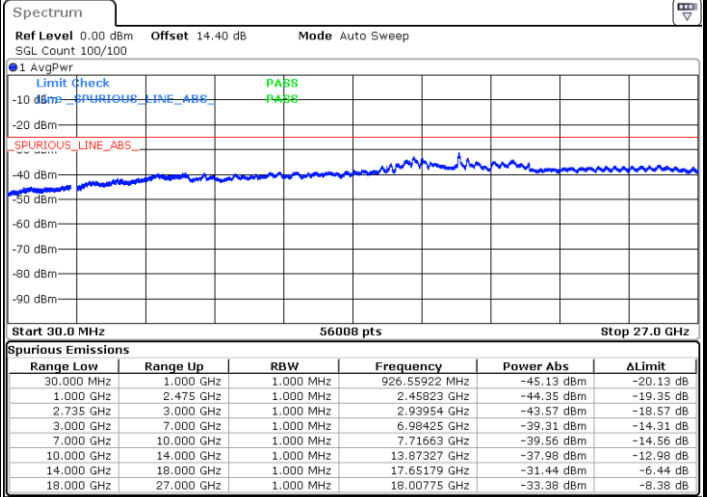
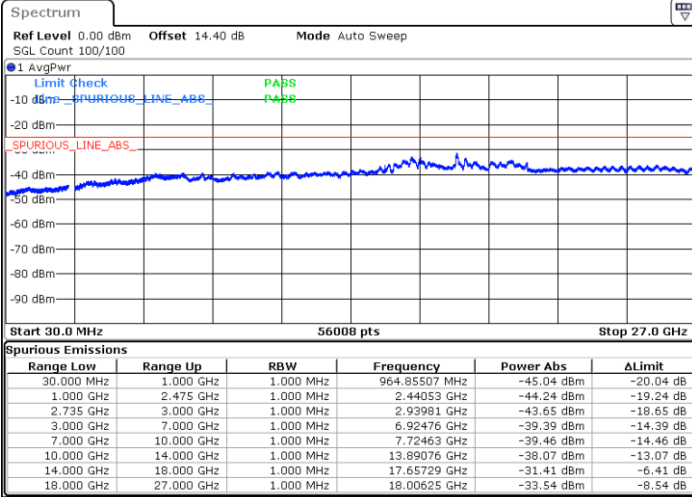


LTE Band 41C / 5MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 21.OCT.2022 23:52:52

Date: 21.OCT.2022 23:51:31

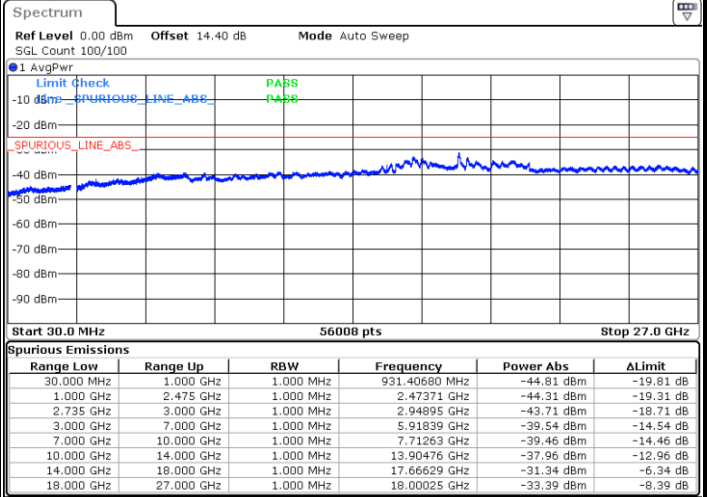
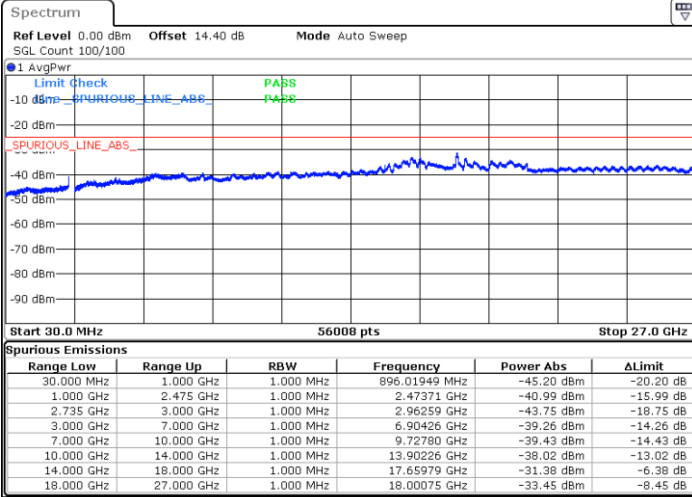


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB49 and 1RB0

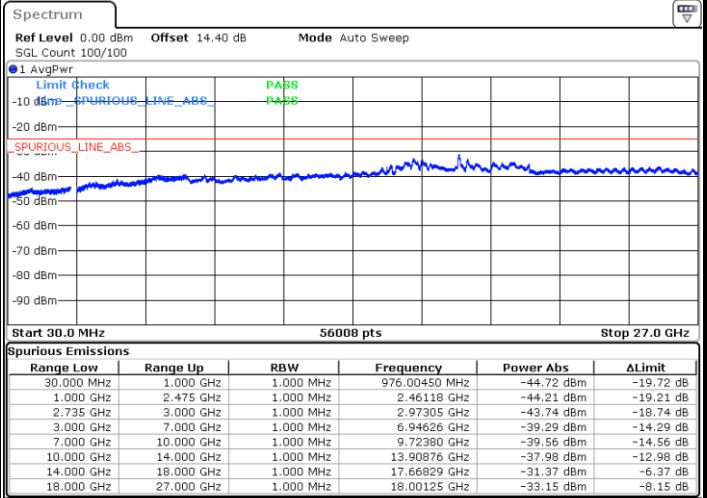
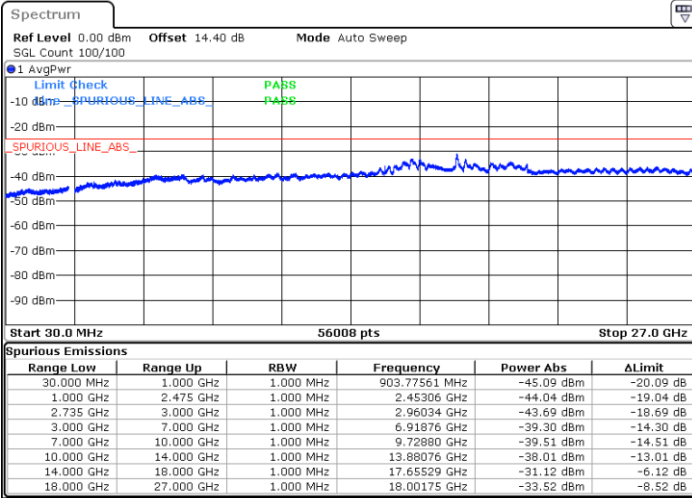


Date: 22.OCT.2022 00:06:13

Date: 22.OCT.2022 00:04:50

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB49 and 1RB0



Date: 22.OCT.2022 00:08:19

Date: 22.OCT.2022 00:09:40

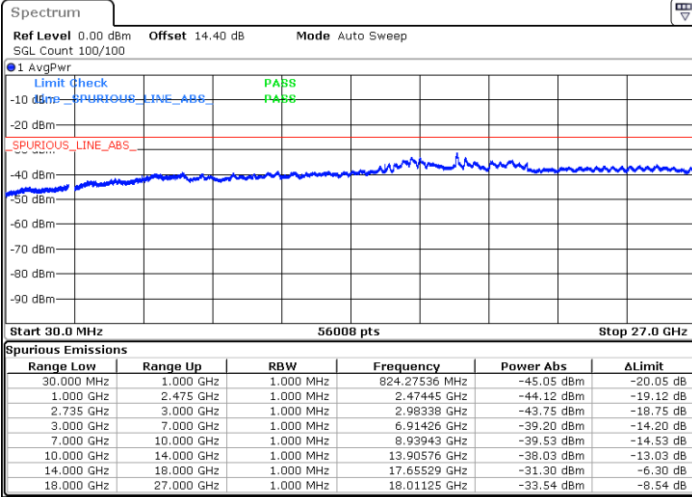


LTE Band 41C / 10MHz+15MHz

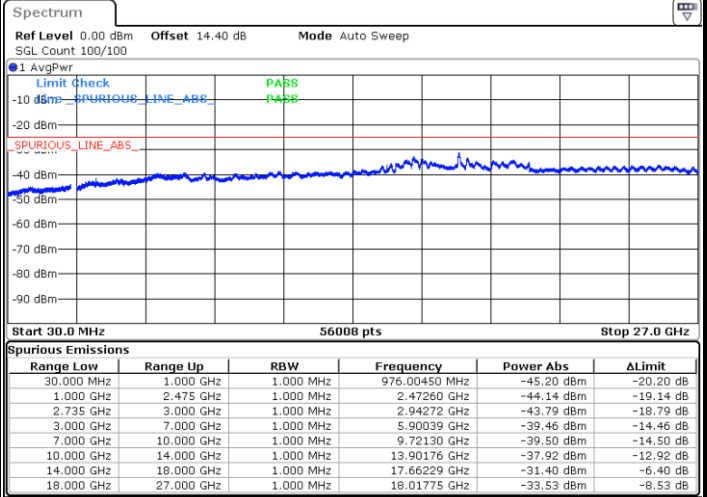
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB49 and 1RB0



Date: 22.OCT.2022 00:12:25



Date: 22.OCT.2022 00:11:04

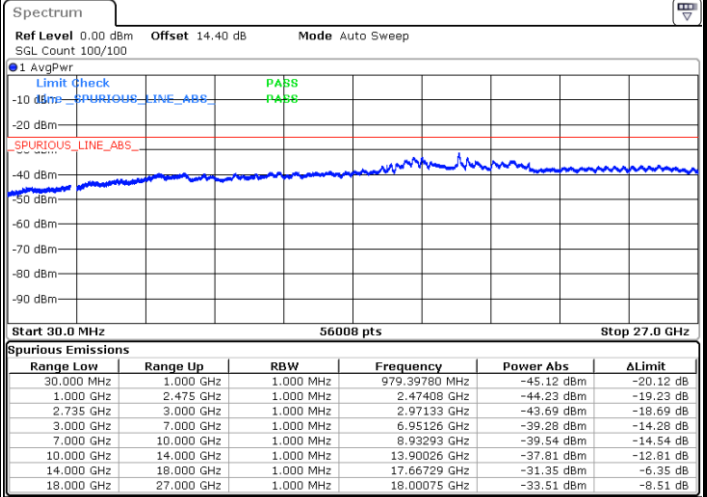
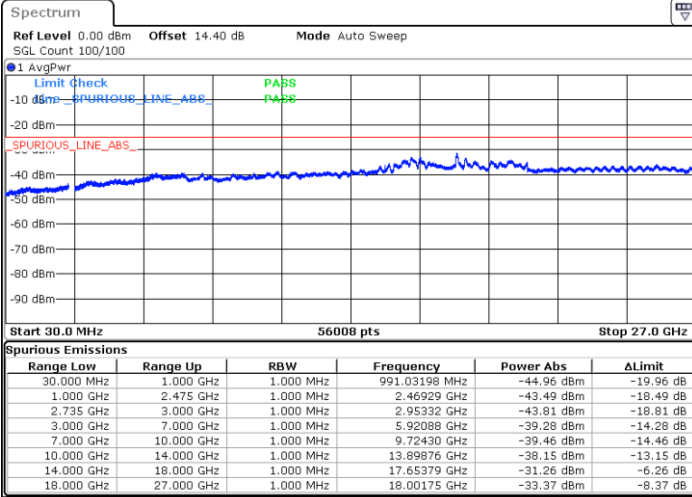


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

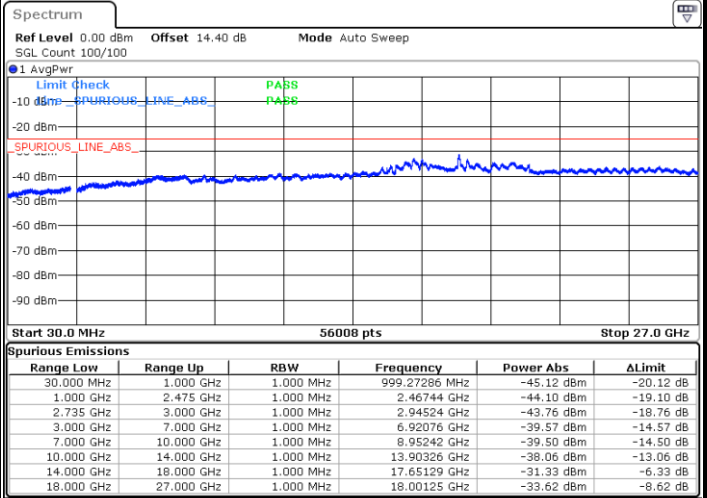
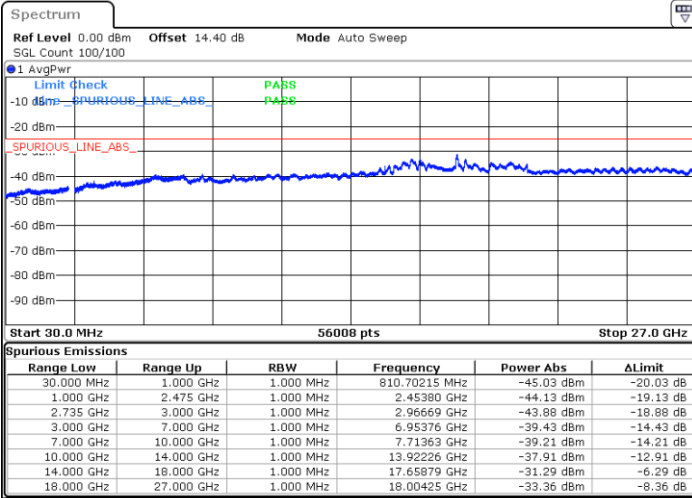


Date: 22.OCT.2022 00:24:57

Date: 22.OCT.2022 00:23:34

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 22.OCT.2022 00:27:03

Date: 22.OCT.2022 00:28:24

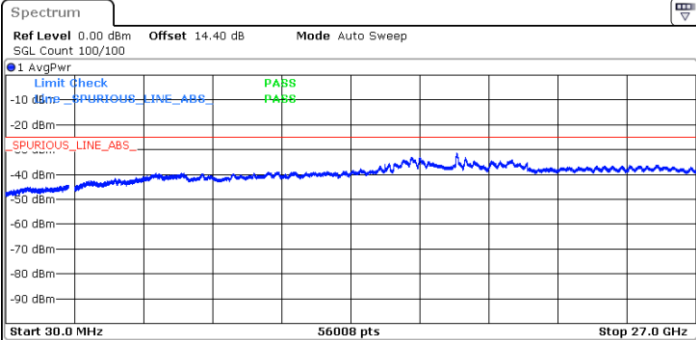


LTE Band 41C / 10MHz+20MHz

QPSK

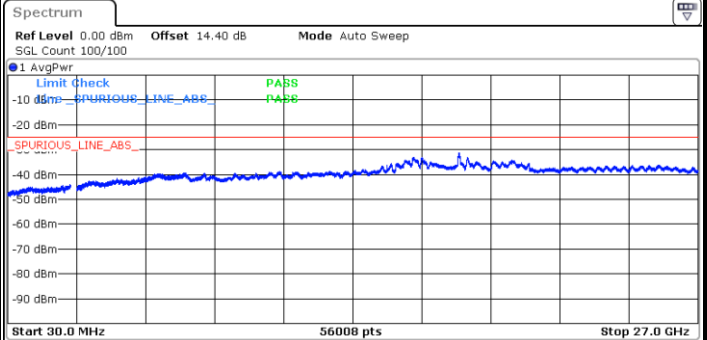
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-45.15 dBm	-20.15 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45491 GHz	-44.29 dBm	-19.29 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96391 GHz	-43.76 dBm	-18.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-39.28 dBm	-14.28 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.71680 GHz	-39.51 dBm	-14.51 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90226 GHz	-37.78 dBm	-12.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65029 GHz	-31.44 dBm	-6.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00375 GHz	-33.45 dBm	-8.45 dB

Date: 22.OCT.2022 00:31:10



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-45.12 dBm	-20.12 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47002 GHz	-44.04 dBm	-19.04 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97530 GHz	-43.69 dBm	-18.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-39.38 dBm	-14.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91993 GHz	-39.34 dBm	-14.34 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90076 GHz	-37.89 dBm	-12.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65929 GHz	-31.31 dBm	-6.31 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-33.35 dBm	-8.35 dB

Date: 22.OCT.2022 00:29:49

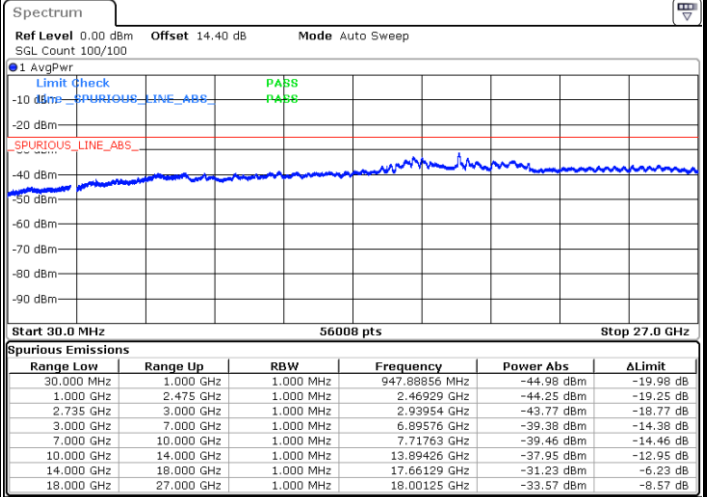
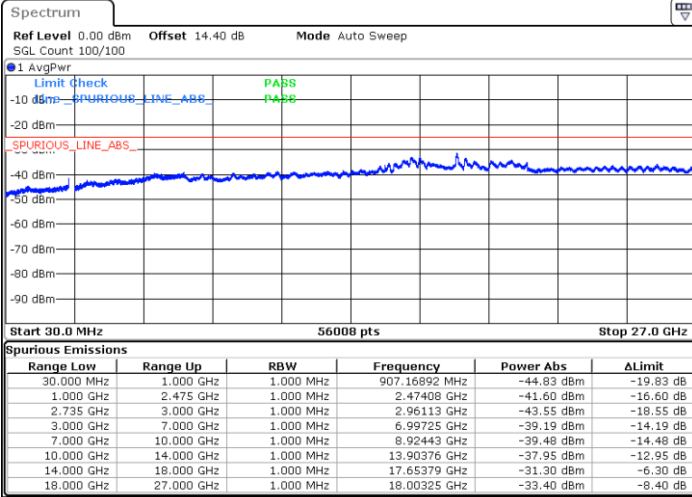


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0

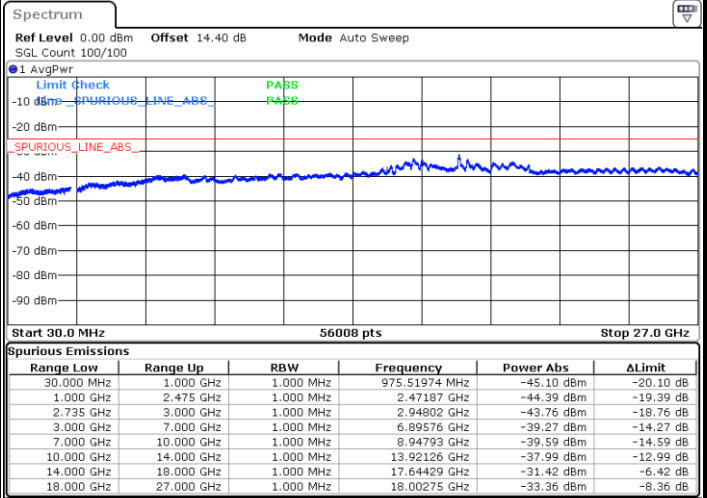
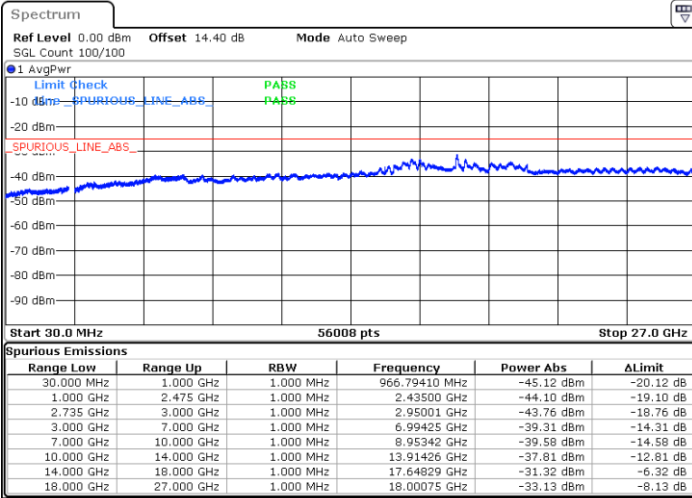


Date: 22.OCT.2022 00:15:14

Date: 22.OCT.2022 00:13:51

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 22.OCT.2022 00:17:20

Date: 22.OCT.2022 00:18:41

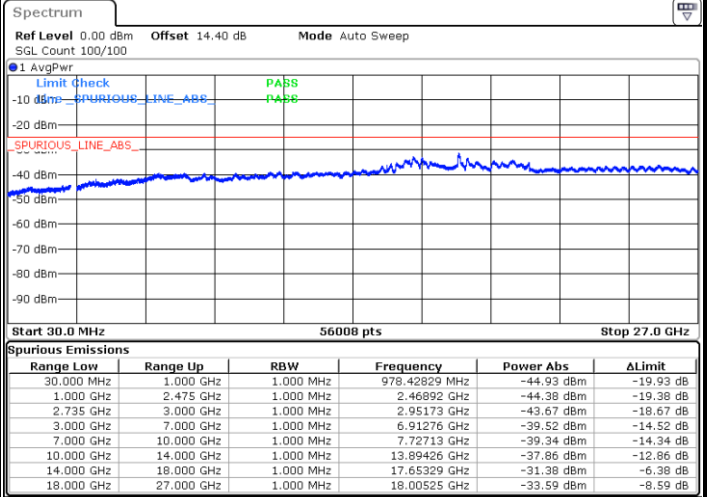
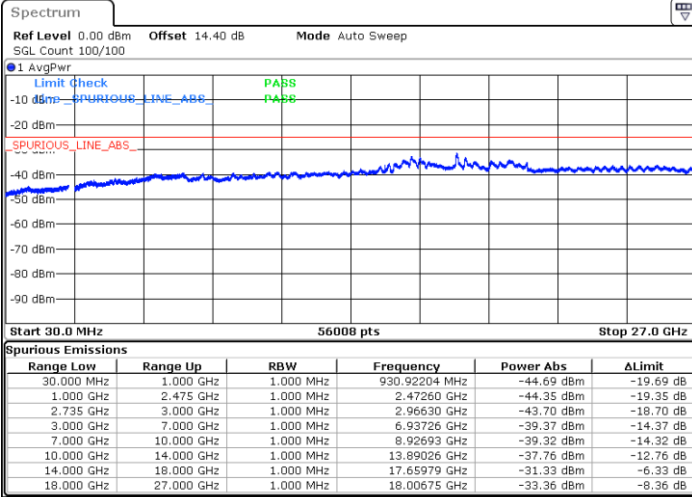


LTE Band 41C / 15MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 22.OCT.2022 00:22:09

Date: 22.OCT.2022 00:20:47

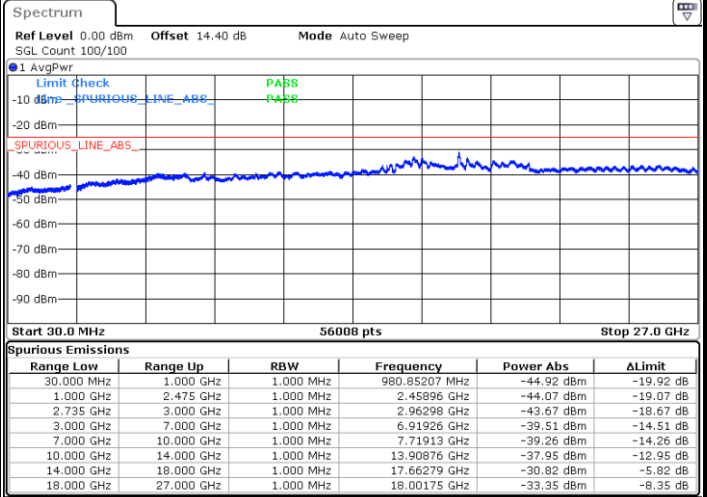
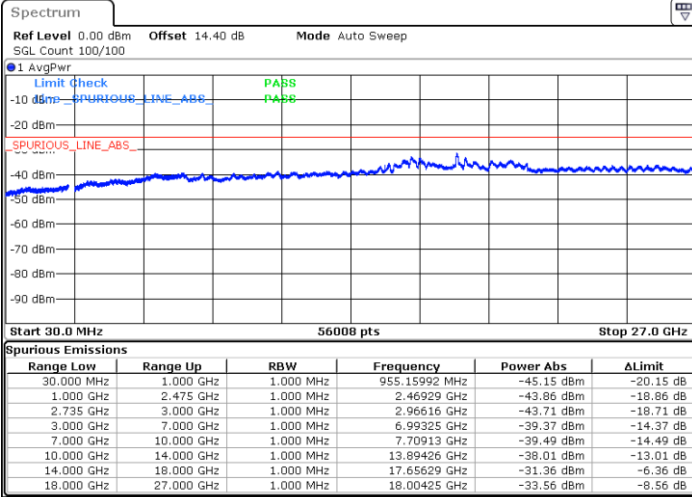


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

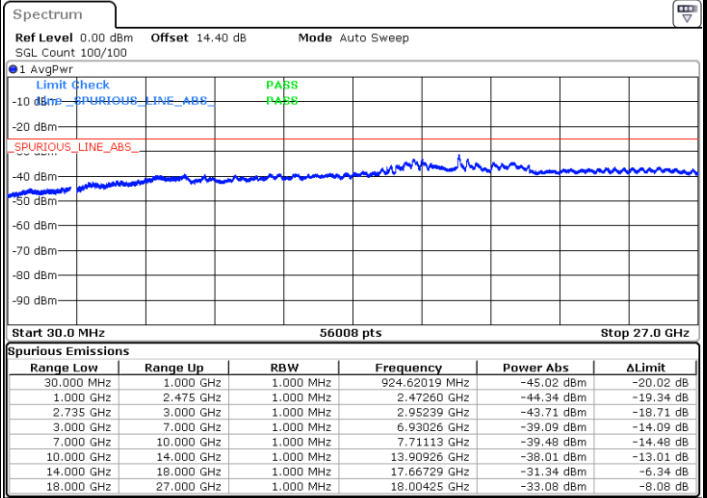
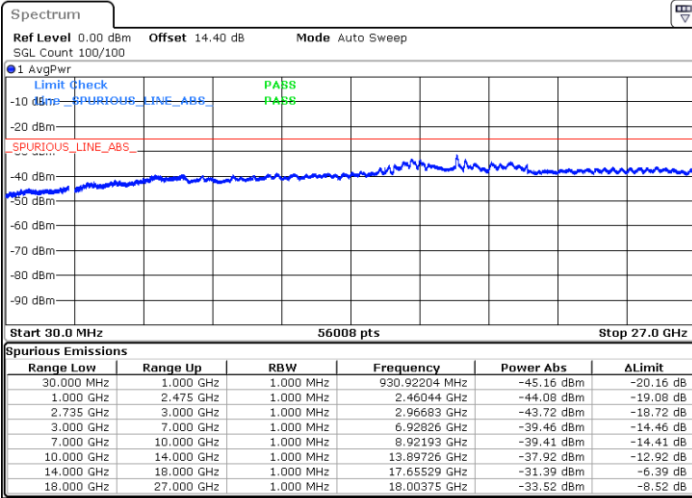


Date: 22.OCT.2022 00:42:17

Date: 22.OCT.2022 00:40:56

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 22.OCT.2022 00:44:21

Date: 22.OCT.2022 00:45:41



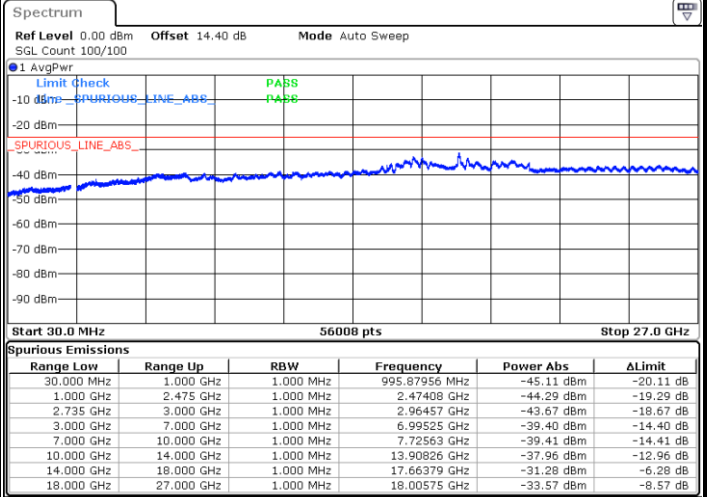
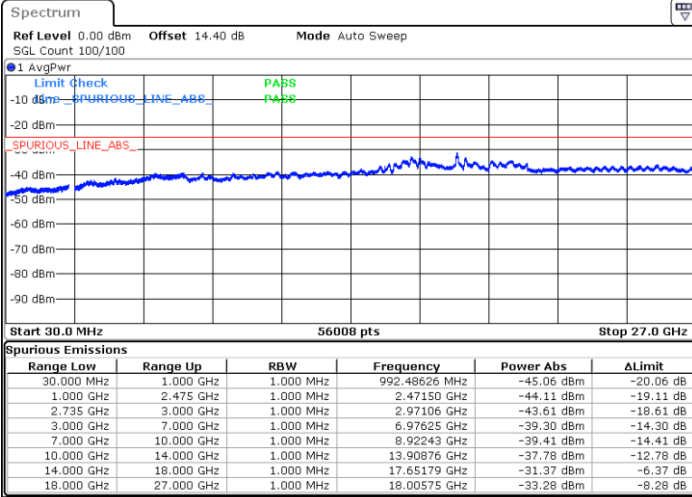


LTE Band 41C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Start 30.0 MHz 56008 pts Stop 27.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-45.06 dBm	-20.06 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47150 GHz	-44.11 dBm	-19.11 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97106 GHz	-43.61 dBm	-18.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97625 GHz	-39.30 dBm	-14.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92243 GHz	-39.41 dBm	-14.41 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90876 GHz	-37.78 dBm	-12.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65179 GHz	-31.37 dBm	-6.37 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00575 GHz	-33.28 dBm	-8.28 dB

Start 30.0 MHz 56008 pts Stop 27.0 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-45.11 dBm	-20.11 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-44.29 dBm	-19.29 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96457 GHz	-43.67 dBm	-18.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-39.40 dBm	-14.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.72563 GHz	-39.41 dBm	-14.41 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90826 GHz	-37.96 dBm	-12.96 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66379 GHz	-31.28 dBm	-6.28 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00575 GHz	-33.57 dBm	-8.57 dB

Date: 22.OCT.2022 00:49:04

Date: 22.OCT.2022 00:47:45

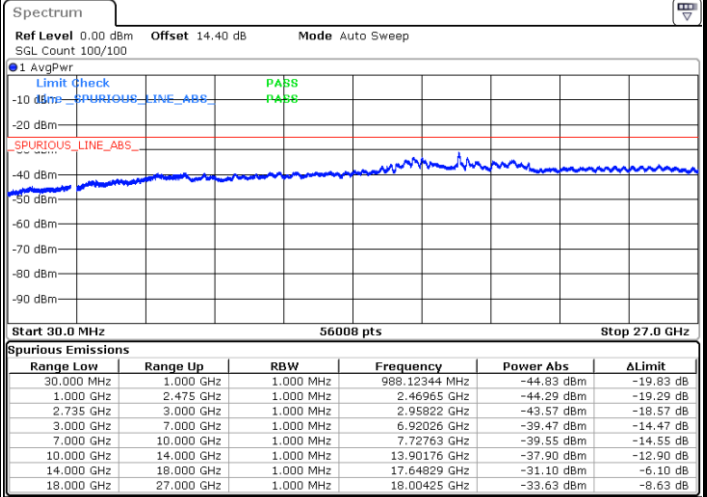
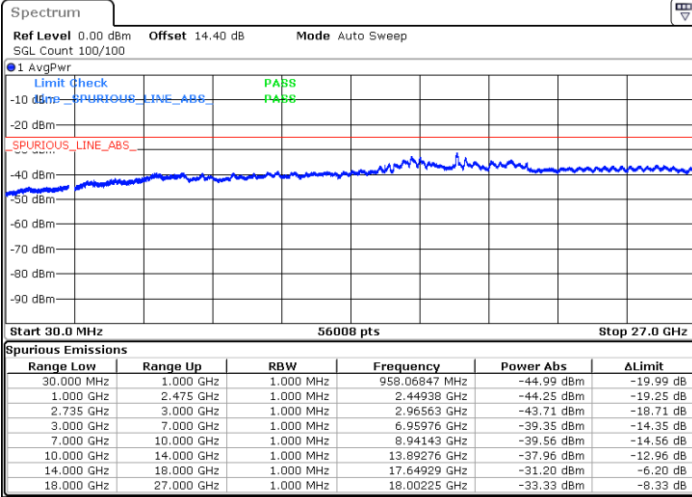


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

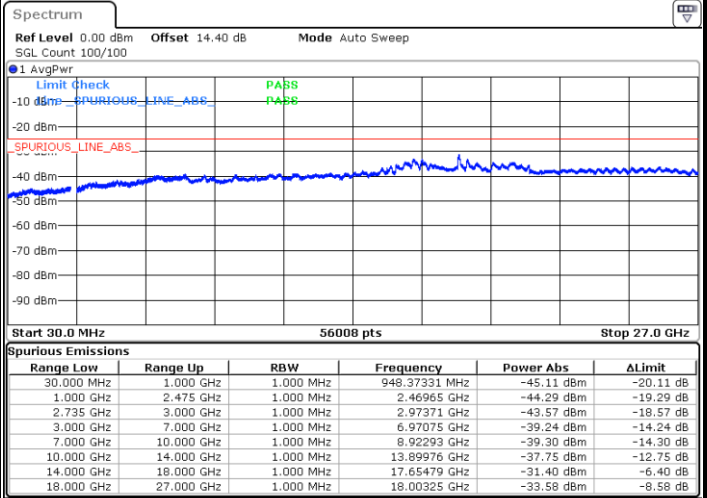
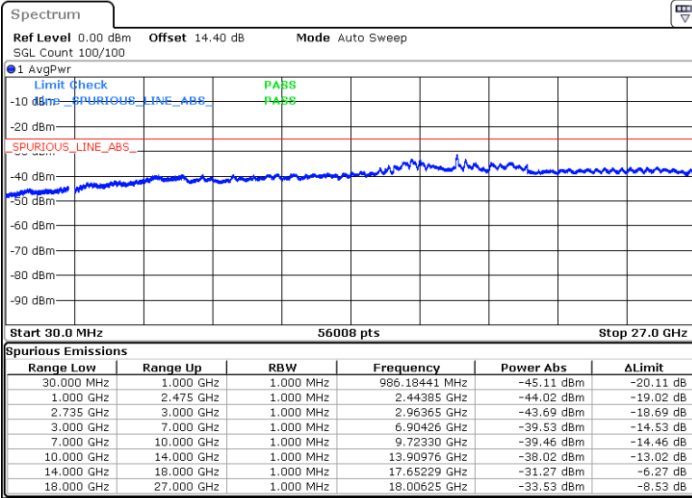


Date: 22.OCT.2022 00:51:51

Date: 22.OCT.2022 00:50:30

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 22.OCT.2022 00:53:57

Date: 22.OCT.2022 00:55:20

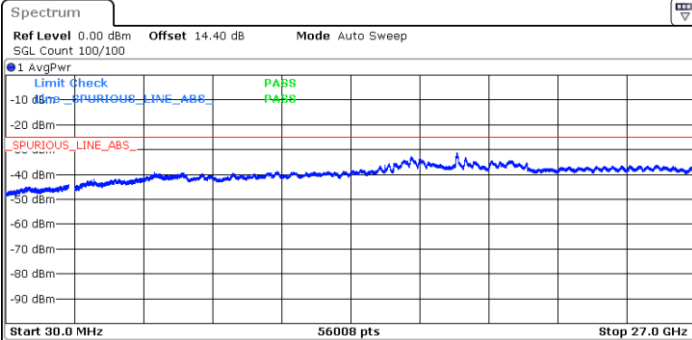


LTE Band 41C / 15MHz+20MHz

QPSK

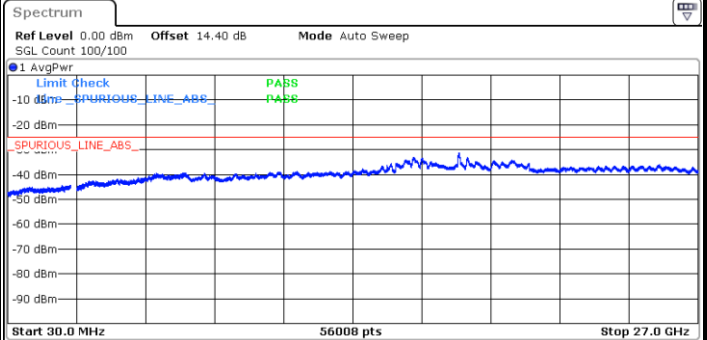
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.18391 MHz	-45.03 dBm	-20.03 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47334 GHz	-44.04 dBm	-19.04 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96193 GHz	-43.73 dBm	-18.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.84389 GHz	-39.17 dBm	-14.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91193 GHz	-39.50 dBm	-14.50 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91126 GHz	-38.02 dBm	-13.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65379 GHz	-31.33 dBm	-6.33 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-33.49 dBm	-8.49 dB

Date: 22.OCT.2022 01:00:02



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.36732 MHz	-45.09 dBm	-20.09 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45528 GHz	-44.23 dBm	-19.23 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96696 GHz	-43.63 dBm	-18.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86327 GHz	-39.37 dBm	-14.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.72613 GHz	-39.50 dBm	-14.50 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90626 GHz	-37.81 dBm	-12.81 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.67279 GHz	-31.36 dBm	-6.36 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01525 GHz	-33.57 dBm	-8.57 dB

Date: 22.OCT.2022 00:58:40

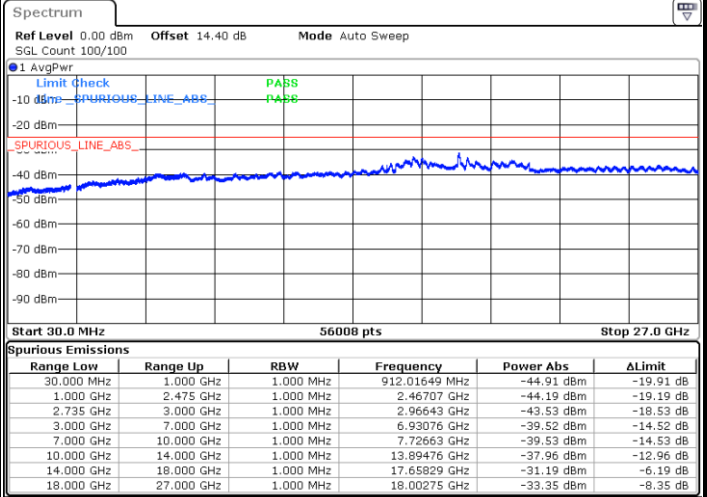
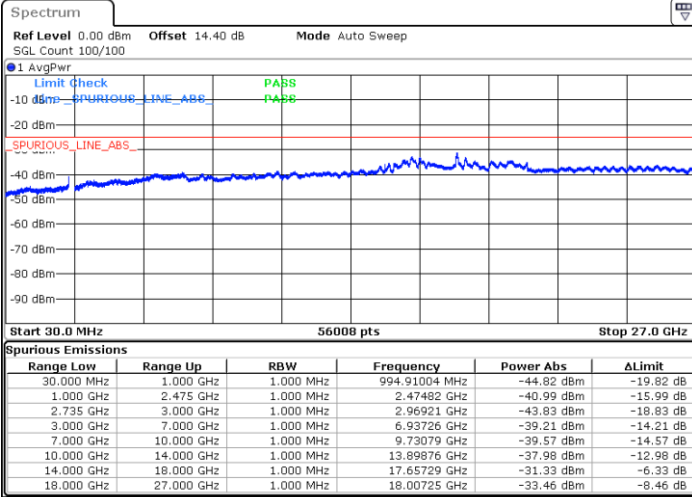


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

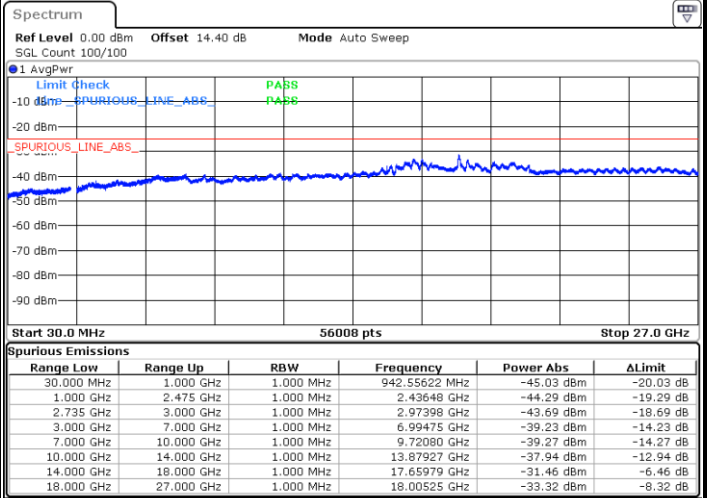
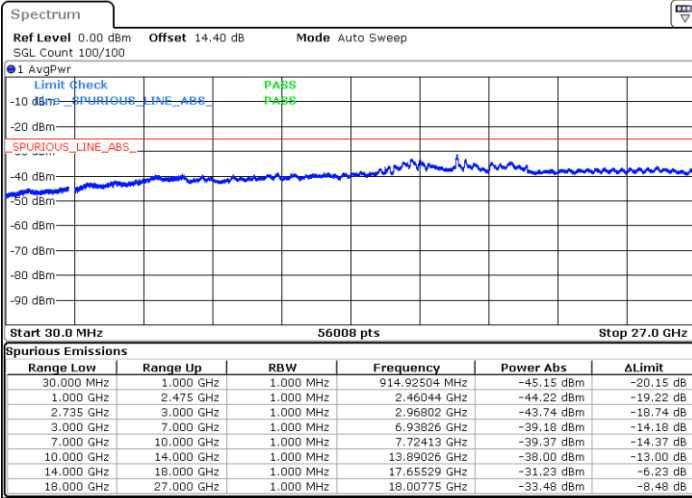


Date: 21.OCT.2022 23:55:42

Date: 21.OCT.2022 23:54:19

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 21.OCT.2022 23:57:48

Date: 21.OCT.2022 23:59:09

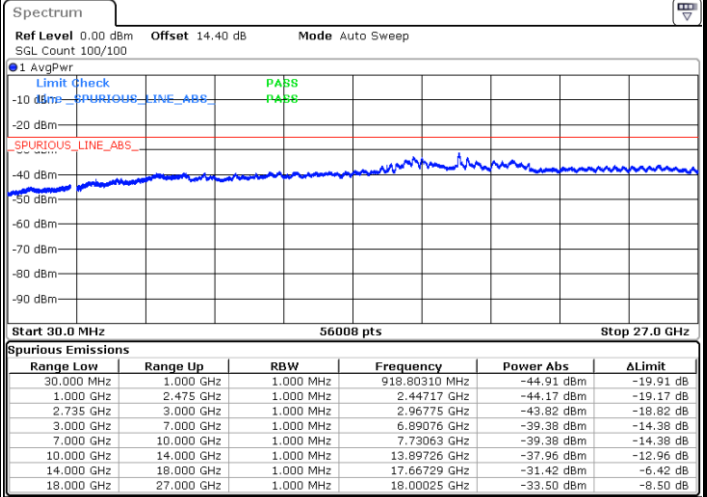
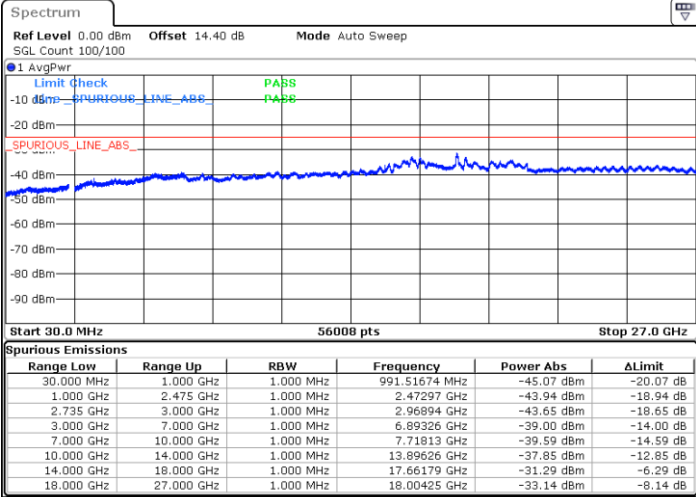


LTE Band 41C / 20MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 00:01:53

Date: 22.OCT.2022 00:00:32

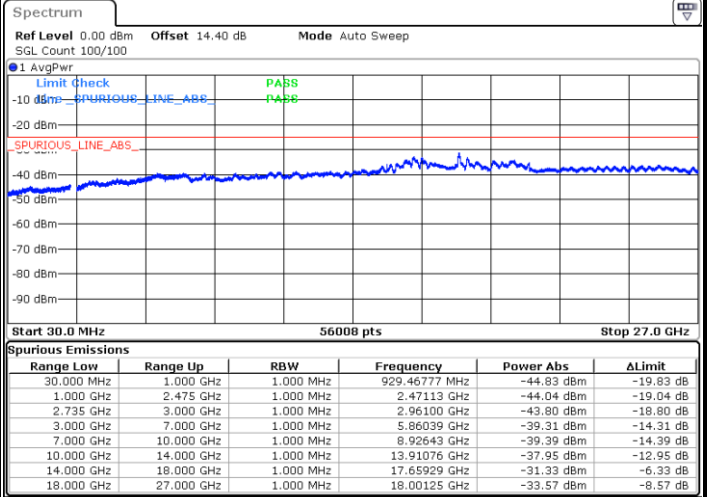
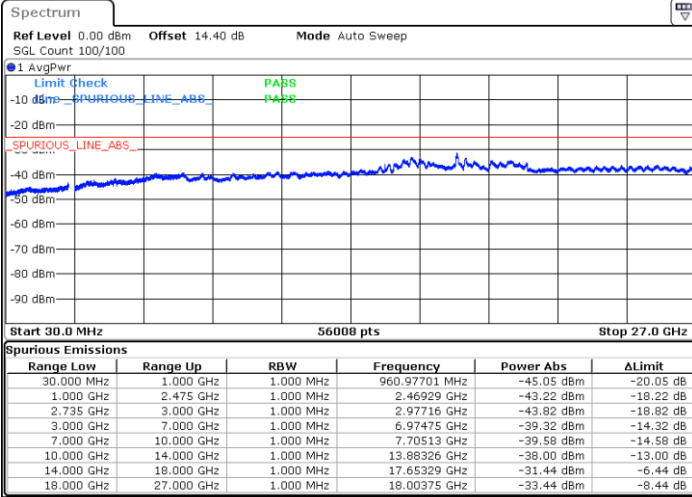


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

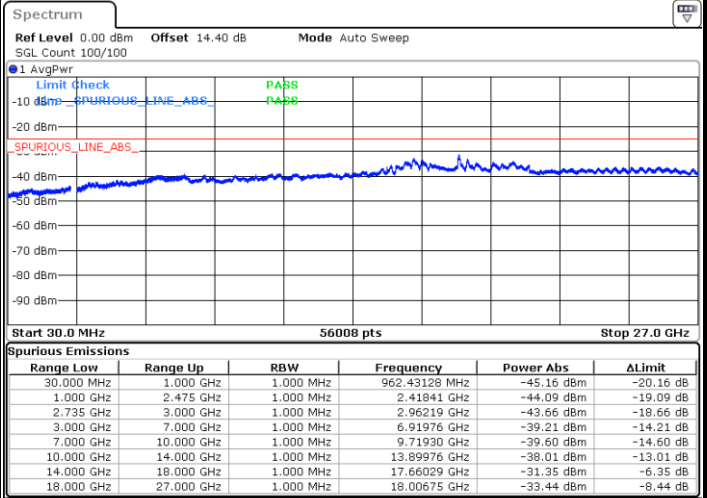
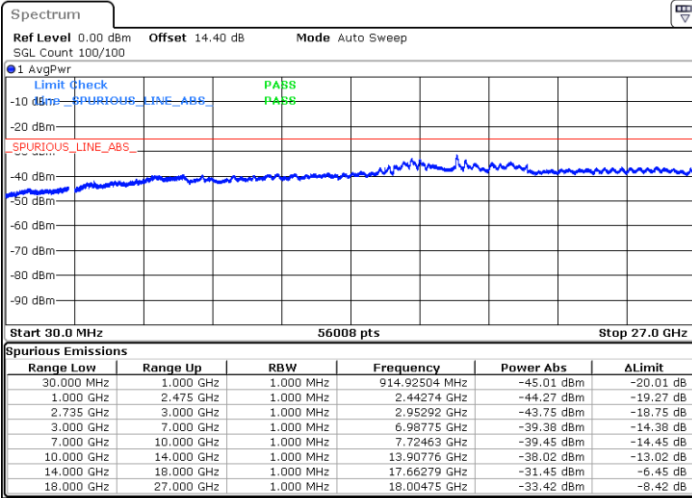


Date: 22.OCT.2022 00:34:00

Date: 22.OCT.2022 00:32:37

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 00:35:24

Date: 22.OCT.2022 00:36:46

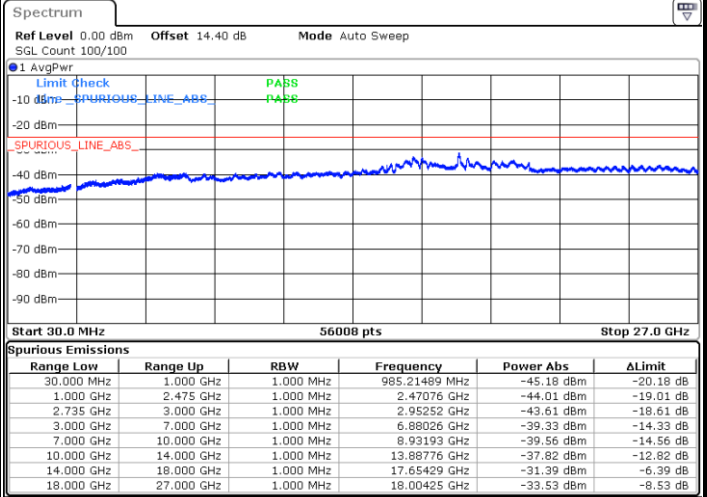
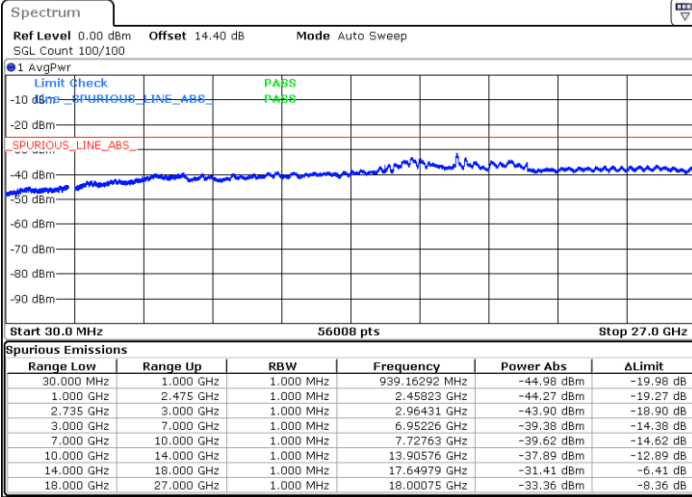


LTE Band 41C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 00:39:32

Date: 22.OCT.2022 00:38:10

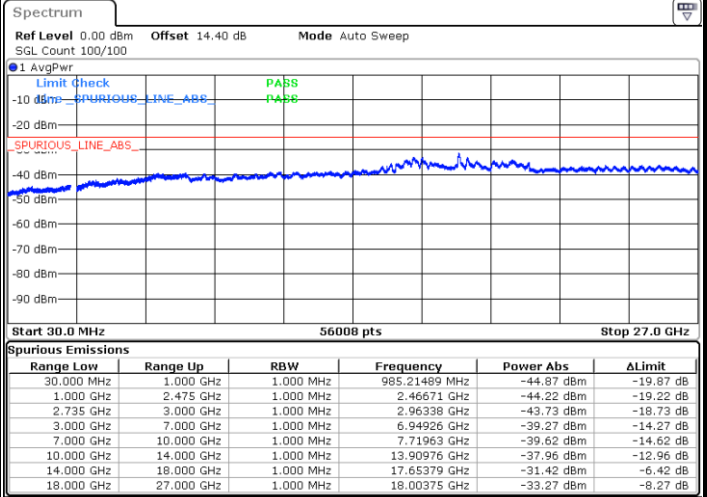
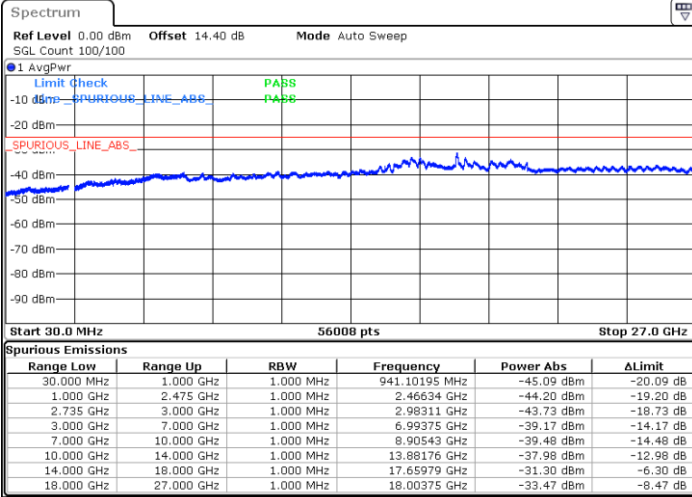


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

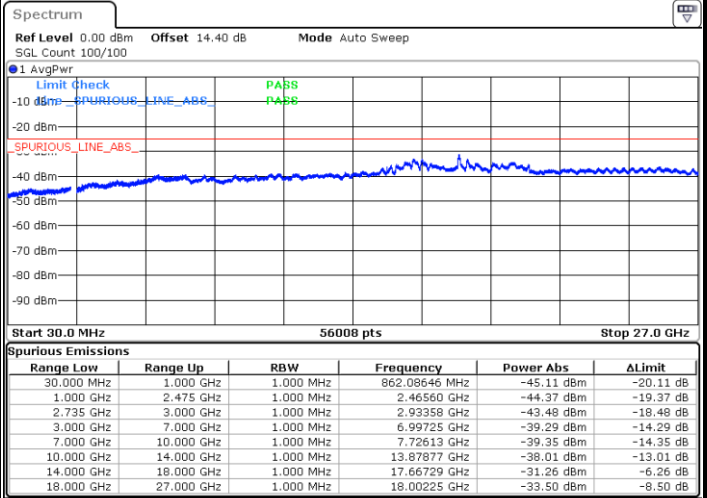
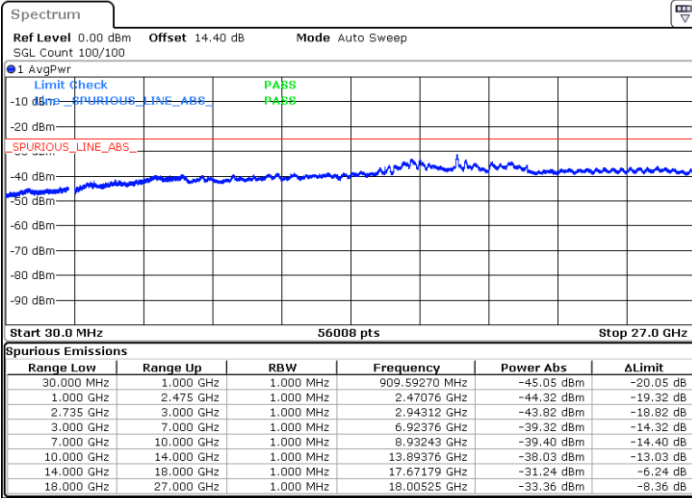


Date: 22.OCT.2022 01:02:50

Date: 22.OCT.2022 01:01:28

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 01:04:56

Date: 22.OCT.2022 01:06:18



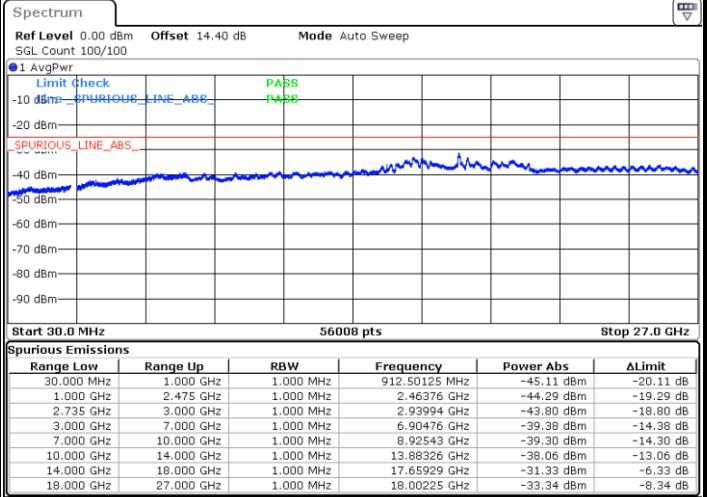
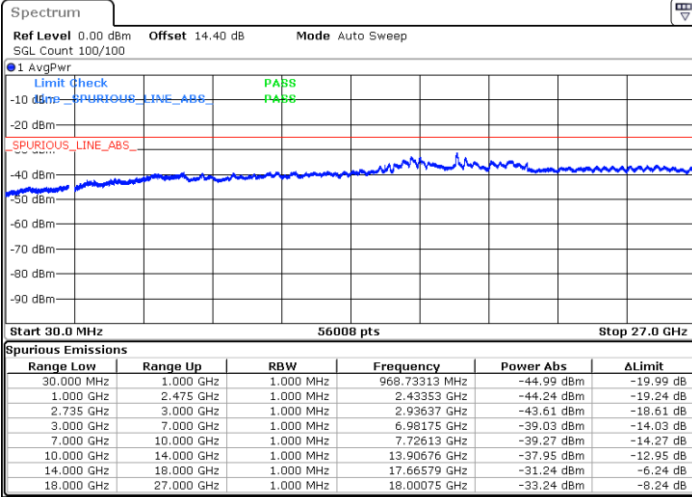


LTE Band 41C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 01:09:04

Date: 22.OCT.2022 01:07:43

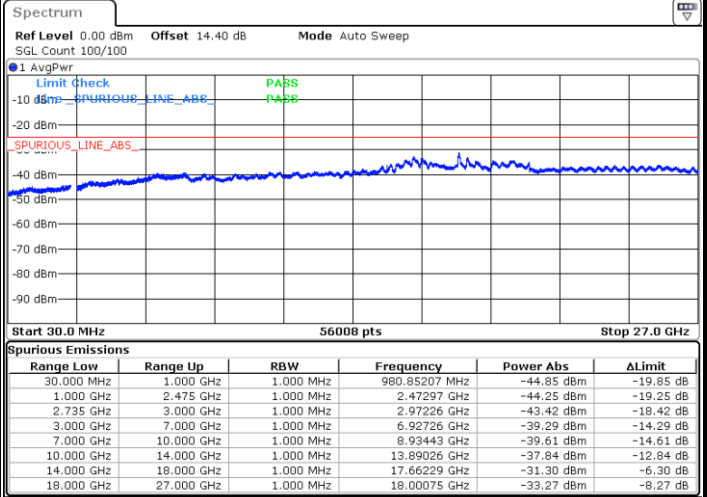
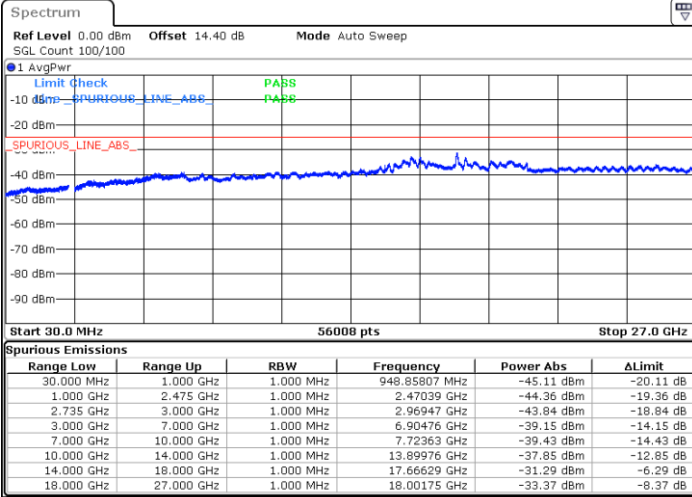


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

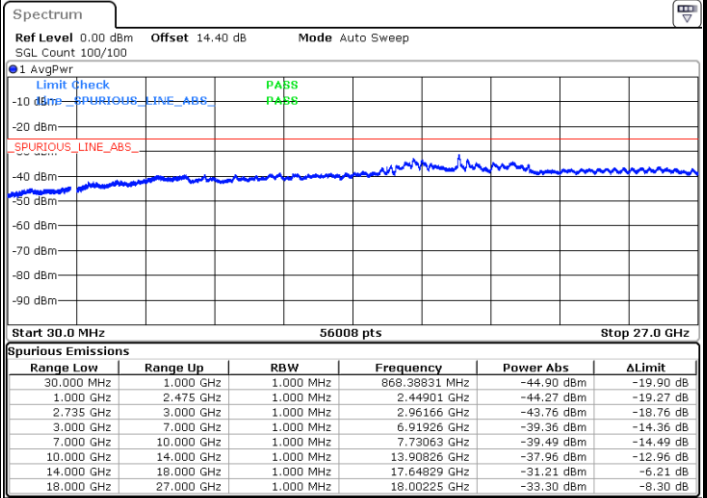
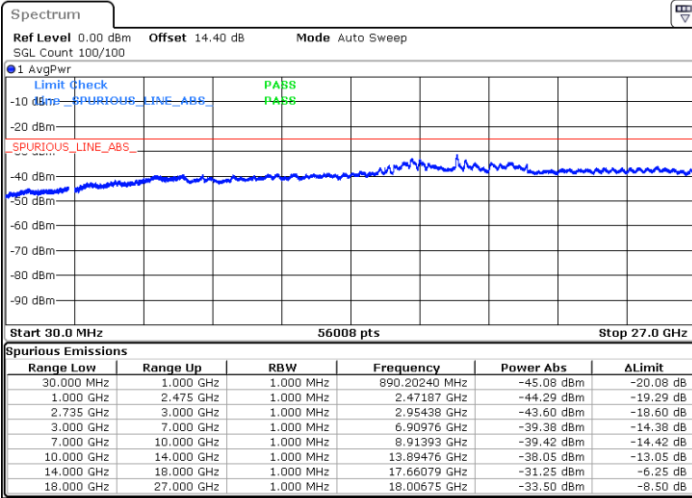


Date: 22.OCT.2022 01:11:46

Date: 22.OCT.2022 01:10:27

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 01:13:51

Date: 22.OCT.2022 01:15:10

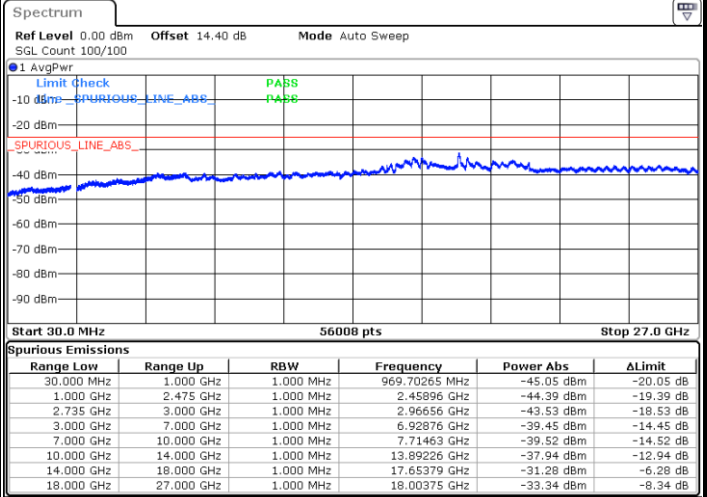
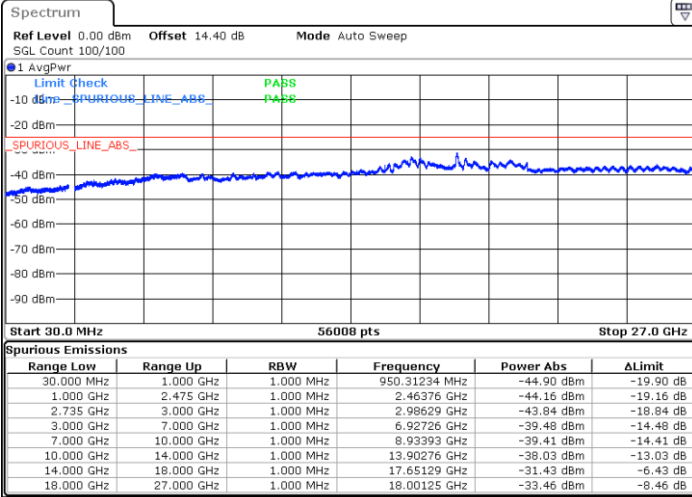


LTE Band 41C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 22.OCT.2022 01:17:50

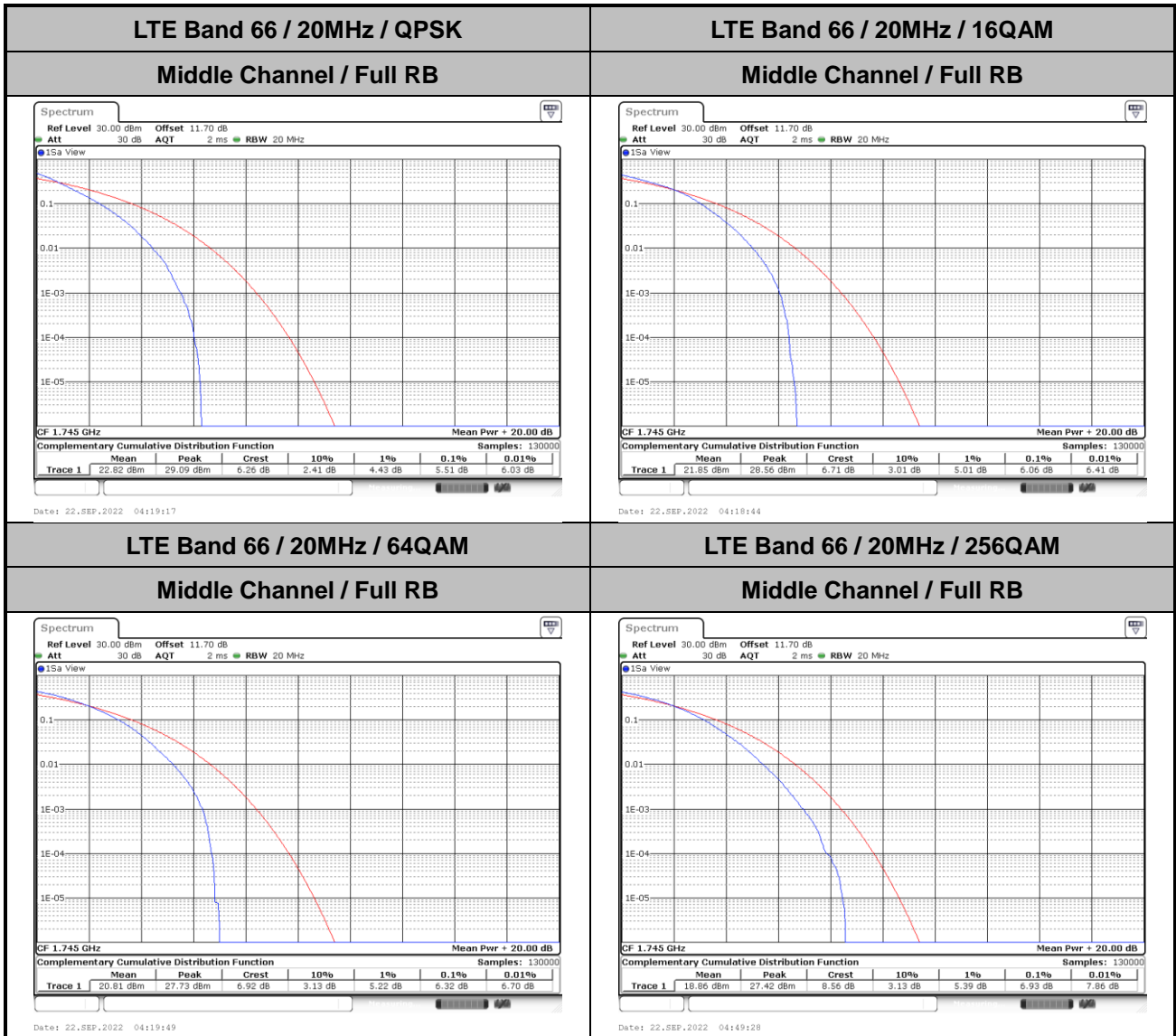
Date: 22.OCT.2022 01:16:31



## 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	5.51	6.06	6.32	6.93	<b>PASS</b>





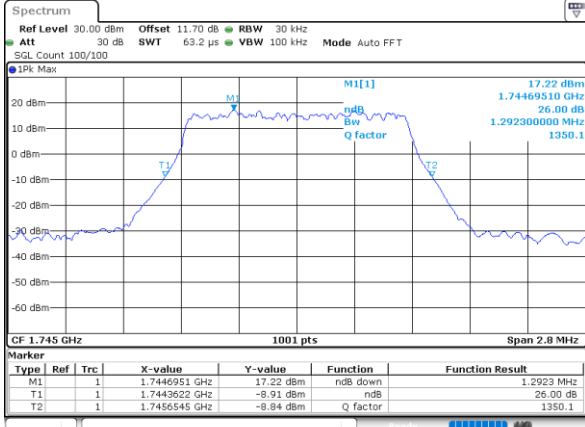
**26dB Bandwidth**

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	1.29	1.31	3.05	3.13	5.19	5.24	9.95	10.15	14.93	14.63	19.34	19.46
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	1.28	1.26	3.12	3.15	5.28	5.08	10.55	10.57	15.02	14.39	19.26	19.30



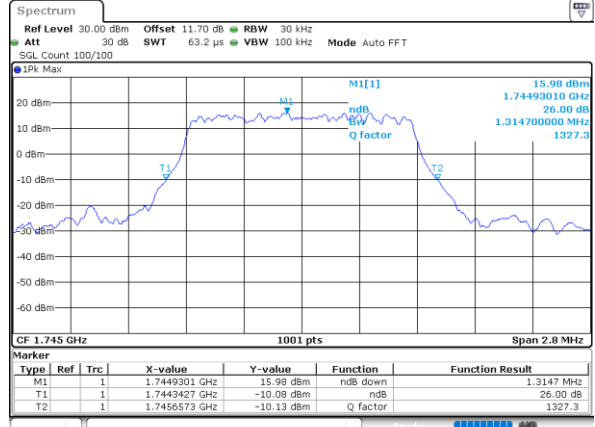
LTE Band 66

Middle Channel / 1.4MHz / QPSK



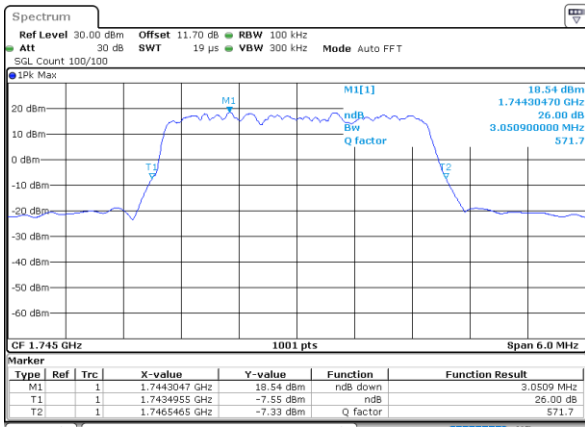
Date: 22\_SEP.2022 02:29:00

Middle Channel / 1.4MHz / 16QAM



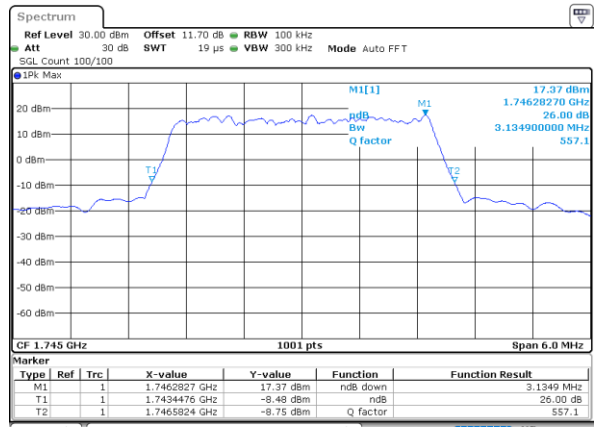
Date: 22\_SEP.2022 02:12:30

Middle Channel / 3MHz / QPSK



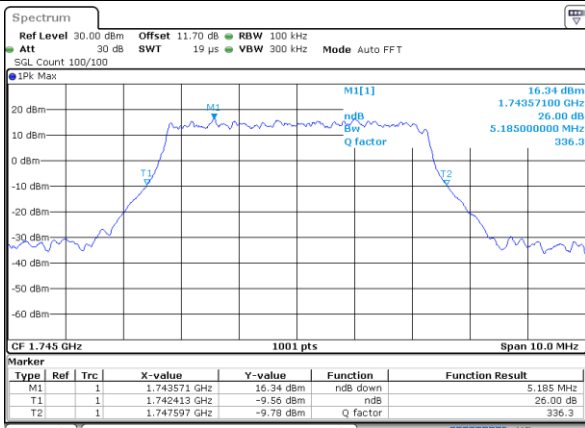
Date: 22\_SEP.2022 02:14:09

Middle Channel / 3MHz / 16QAM



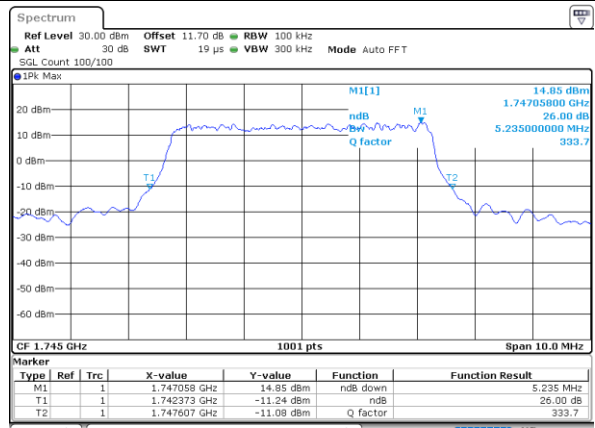
Date: 22\_SEP.2022 02:14:39

Middle Channel / 5MHz / QPSK



Date: 22\_SEP.2022 03:12:04

Middle Channel / 5MHz / 16QAM

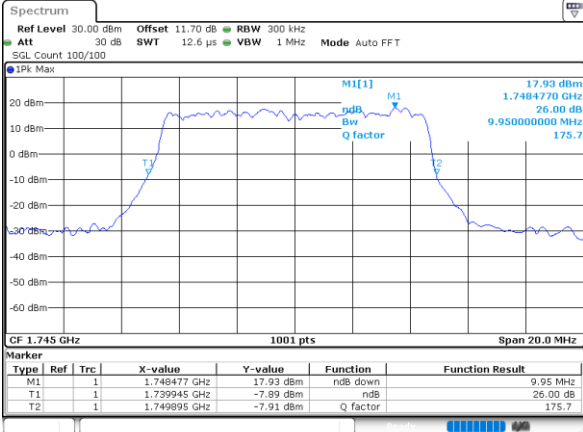


Date: 22\_SEP.2022 03:11:33



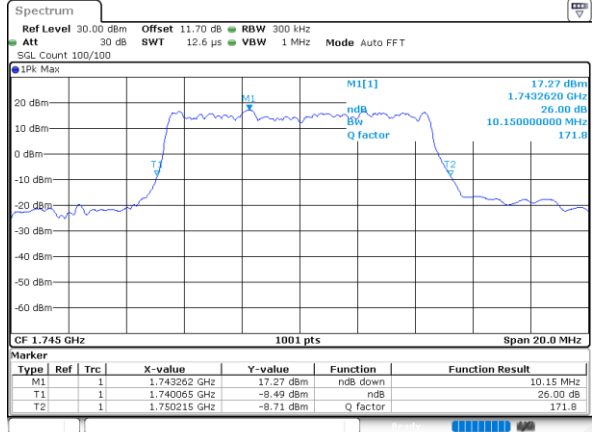
LTE Band 66

Middle Channel / 10MHz / QPSK



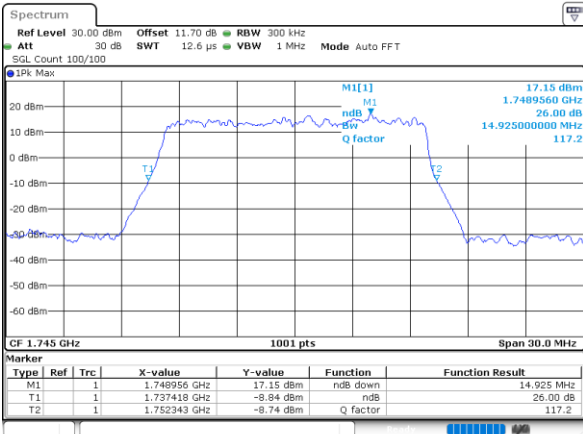
Date: 22\_SEP.2022 03:27:03

Middle Channel / 10MHz / 16QAM



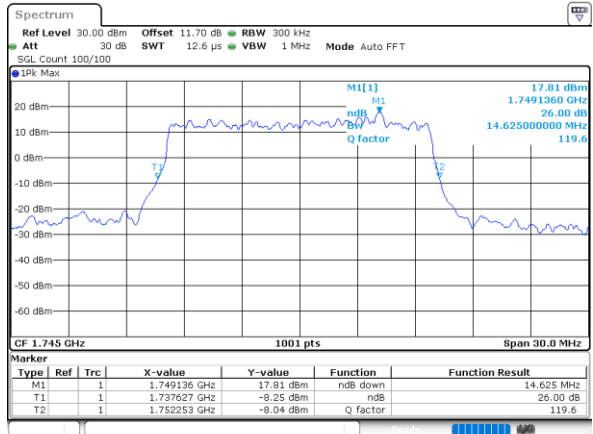
Date: 22\_SEP.2022 03:27:32

Middle Channel / 15MHz / QPSK



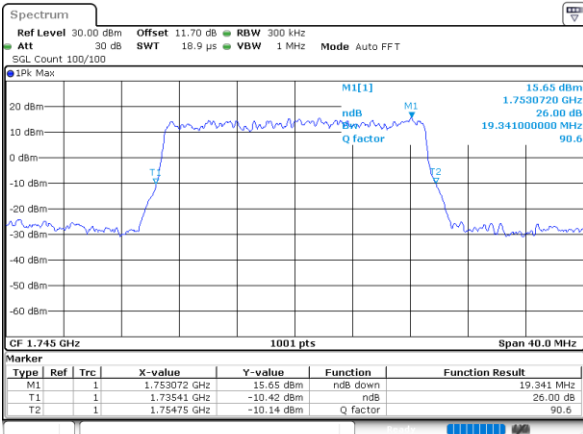
Date: 22\_SEP.2022 03:51:00

Middle Channel / 15MHz / 16QAM



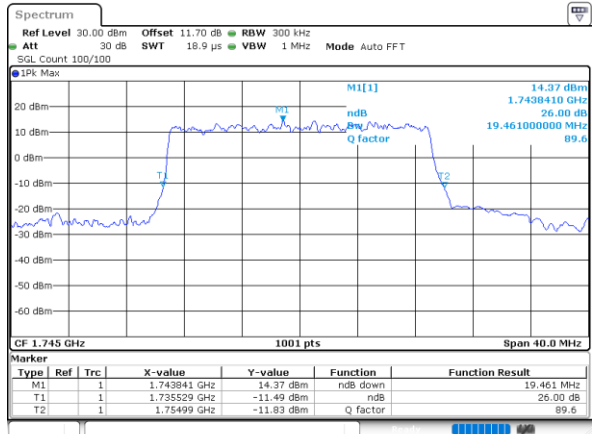
Date: 22\_SEP.2022 03:51:29

Middle Channel / 20MHz / QPSK



Date: 22\_SEP.2022 04:05:59

Middle Channel / 20MHz / 16QAM



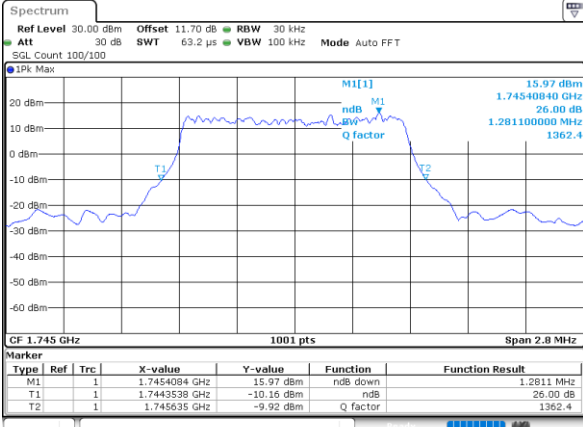
Date: 22\_SEP.2022 04:06:28





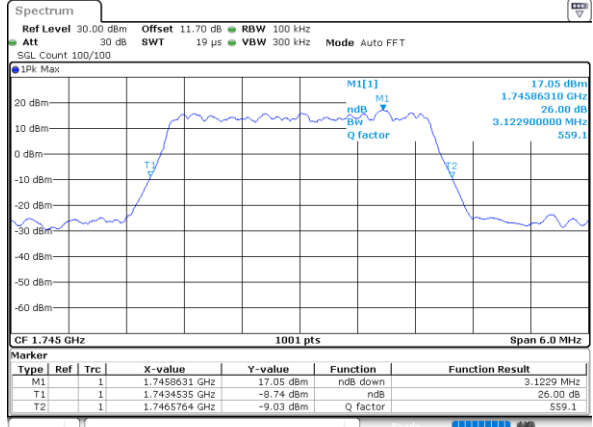
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



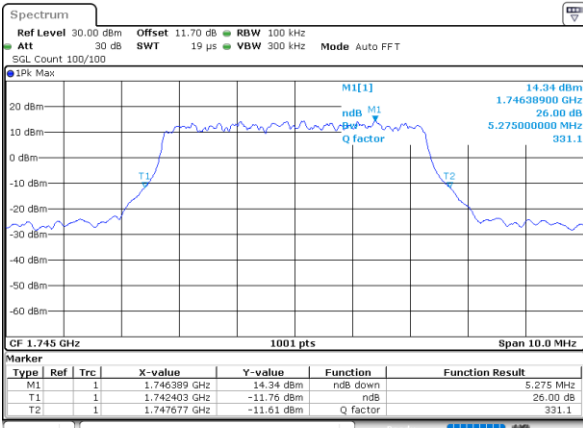
Date: 22\_SEP.2022 02:39:08

Middle Channel / 3MHz / 64QAM



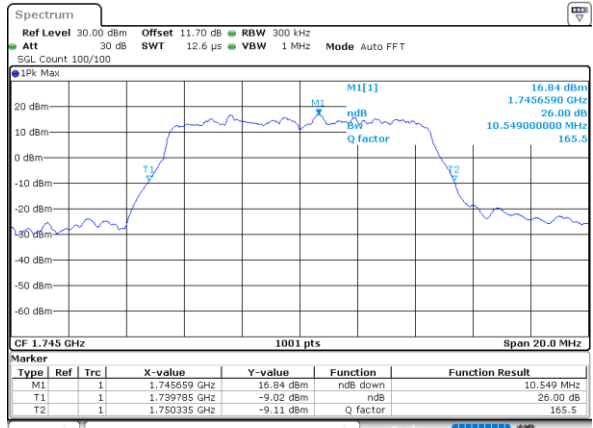
Date: 22\_SEP.2022 02:58:19

Middle Channel / 5MHz / 64QAM



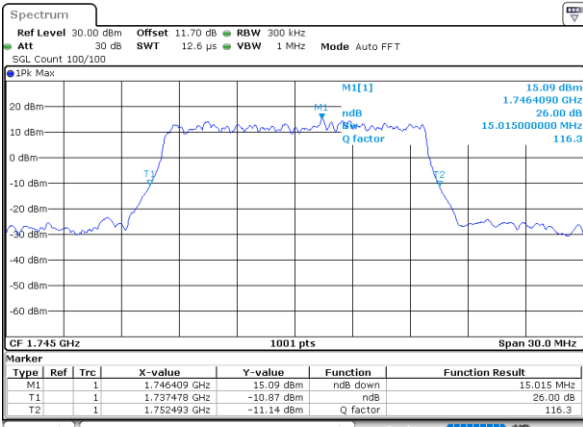
Date: 22\_SEP.2022 03:03:07

Middle Channel / 10MHz / 64QAM



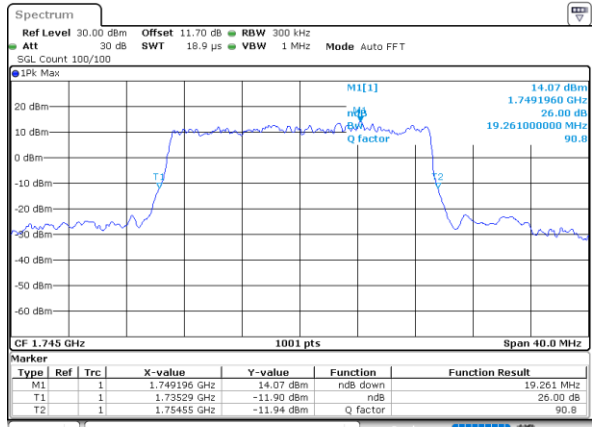
Date: 22\_SEP.2022 03:13:14

Middle Channel / 15MHz / 64QAM



Date: 22\_SEP.2022 03:42:03

Middle Channel / 20MHz / 64QAM

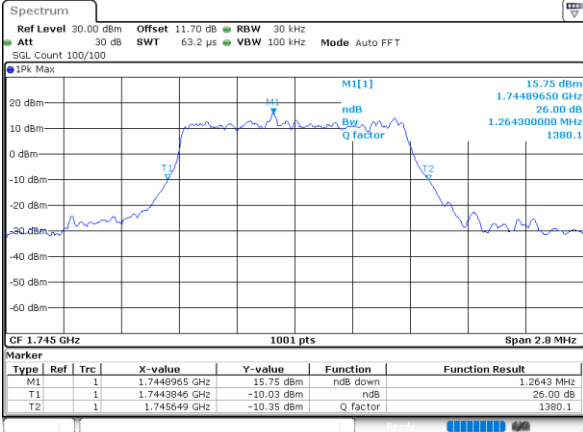


Date: 22\_SEP.2022 04:16:12



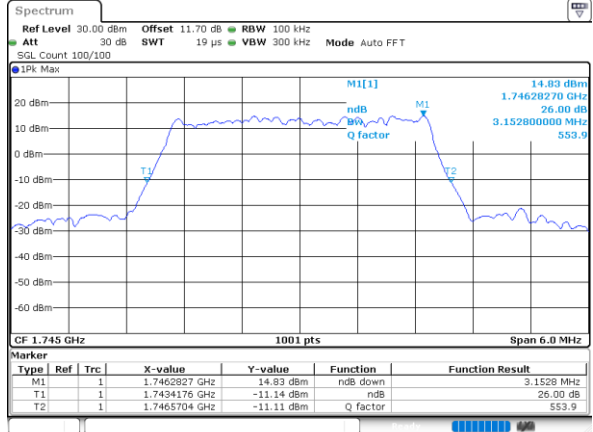
LTE Band 66

Middle Channel / 1.4MHz / 256QAM



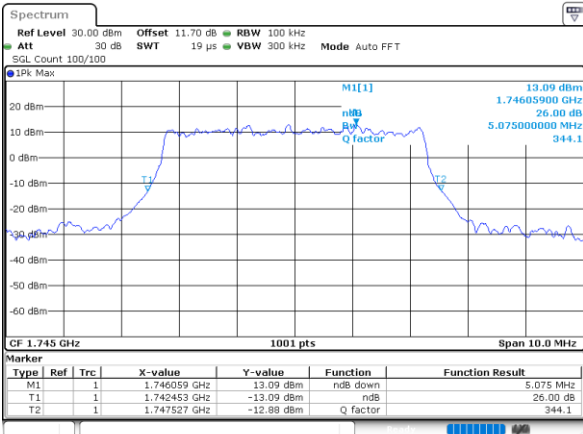
Date: 22\_SEP.2022 04:22:44

Middle Channel / 3MHz / 256QAM



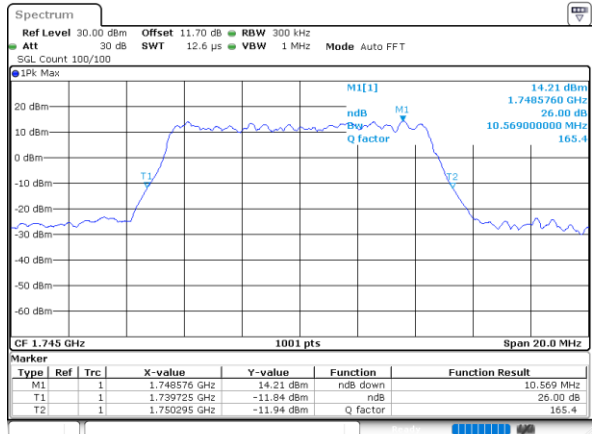
Date: 22\_SEP.2022 04:27:36

Middle Channel / 5MHz / 256QAM



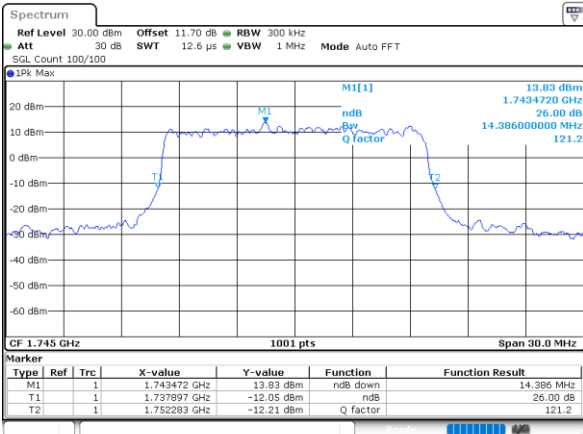
Date: 22\_SEP.2022 04:32:29

Middle Channel / 10MHz / 256QAM



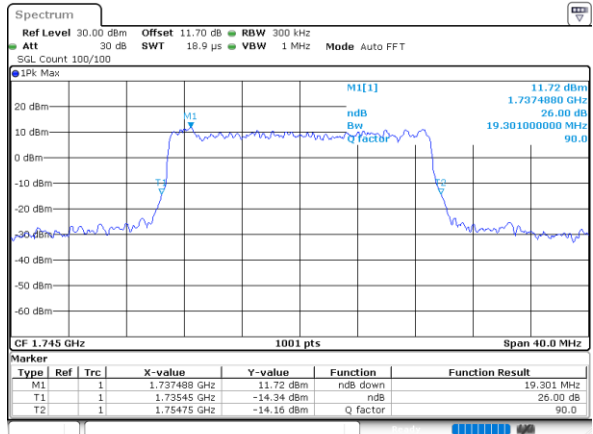
Date: 22\_SEP.2022 04:37:19

Middle Channel / 15MHz / 256QAM



Date: 22\_SEP.2022 04:42:08

Middle Channel / 20MHz / 256QAM



Date: 22\_SEP.2022 04:46:57



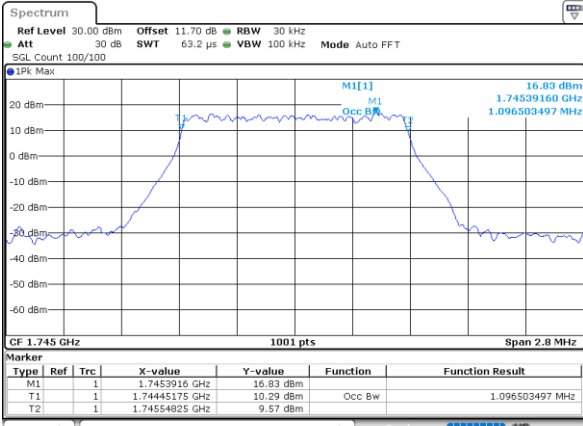
Occupied Bandwidth

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	1.10	1.10	2.75	2.74	4.51	4.49	8.99	9.03	13.43	13.43	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	1.10	1.10	2.76	2.72	4.46	4.54	9.05	9.03	13.49	13.40	17.82	17.94



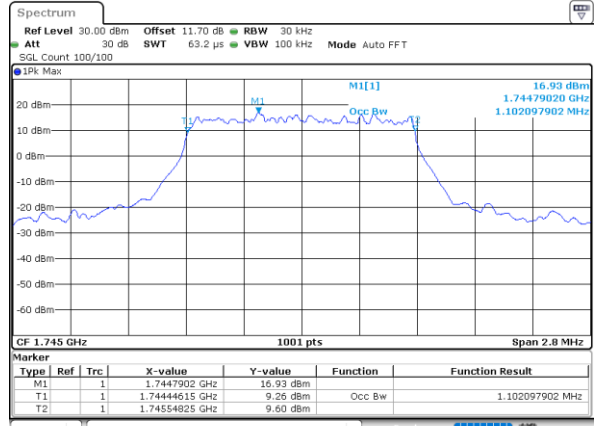
LTE Band 66

Middle Channel / 1.4MHz / QPSK



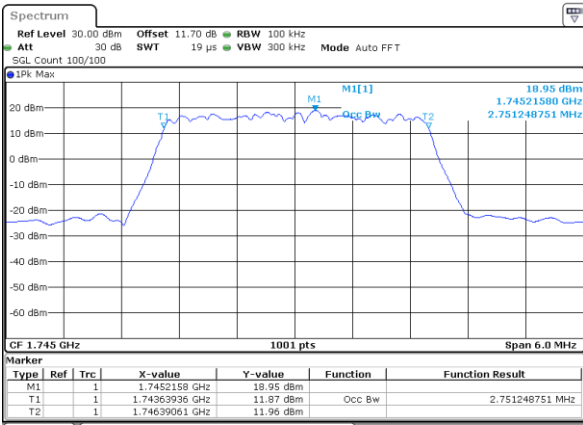
Date: 22\_SEP.2022 02:28:01

Middle Channel / 1.4MHz / 16QAM



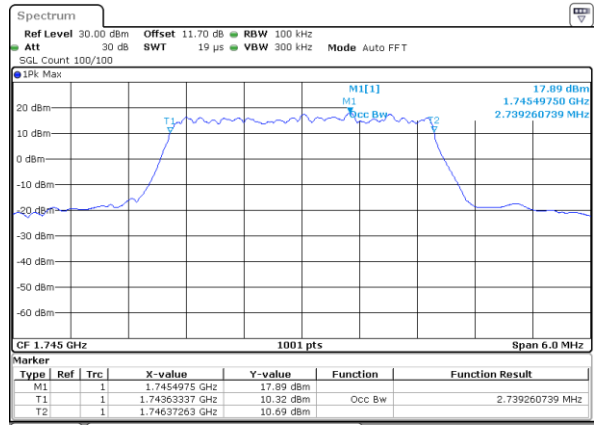
Date: 22\_SEP.2022 02:28:31

Middle Channel / 3MHz / QPSK



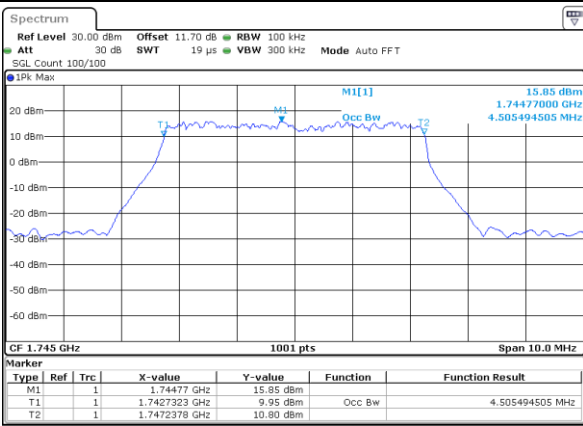
Date: 22\_SEP.2022 02:47:10

Middle Channel / 3MHz / 16QAM



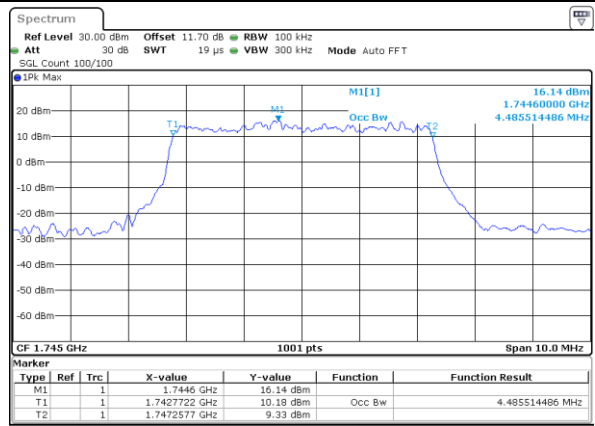
Date: 22\_SEP.2022 02:47:40

Middle Channel / 5MHz / QPSK



Date: 22\_SEP.2022 03:11:04

Middle Channel / 5MHz / 16QAM

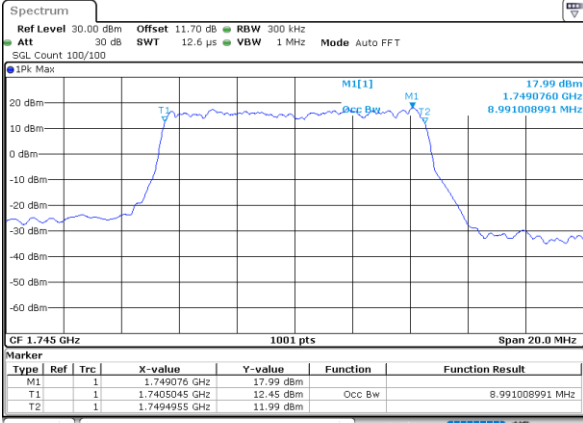


Date: 22\_SEP.2022 03:11:34



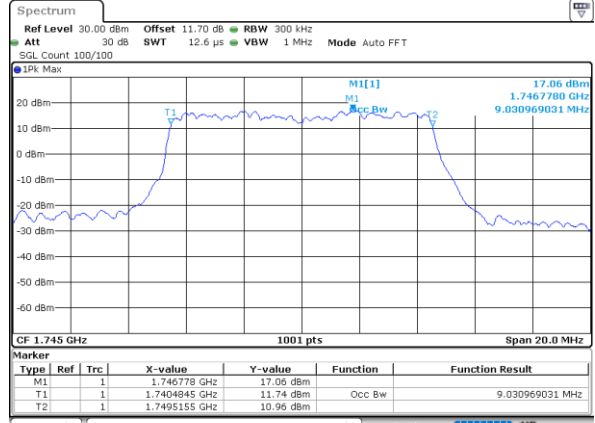
LTE Band 66

Middle Channel / 10MHz / QPSK



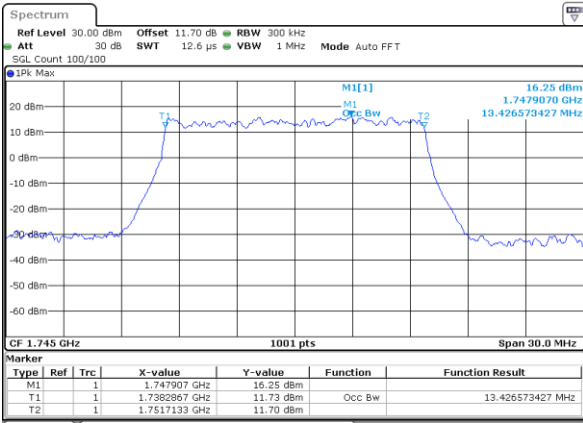
Date: 22\_SEP.2022 03:26:04

Middle Channel / 10MHz / 16QAM



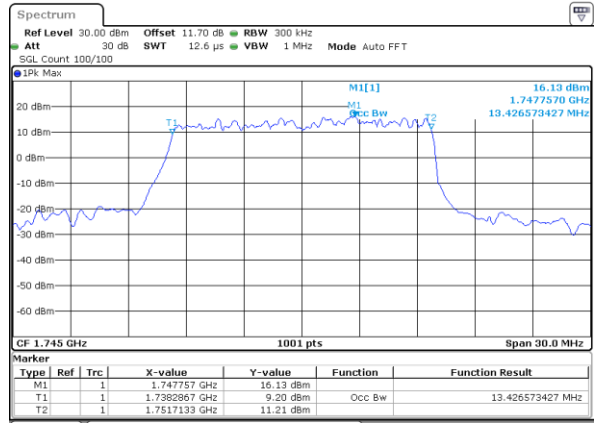
Date: 22\_SEP.2022 03:26:134

Middle Channel / 15MHz / QPSK



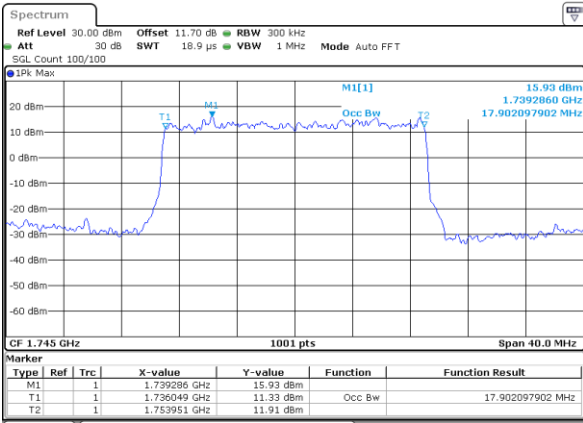
Date: 22\_SEP.2022 03:50:01

Middle Channel / 15MHz / 16QAM



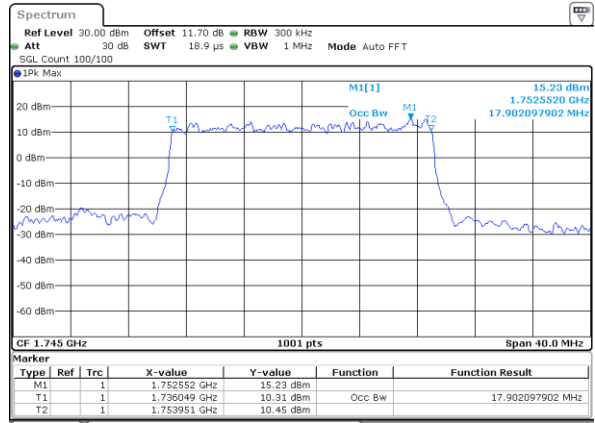
Date: 22\_SEP.2022 03:50:130

Middle Channel / 20MHz / QPSK



Date: 22\_SEP.2022 04:05:00

Middle Channel / 20MHz / 16QAM



Date: 22\_SEP.2022 04:05:129