

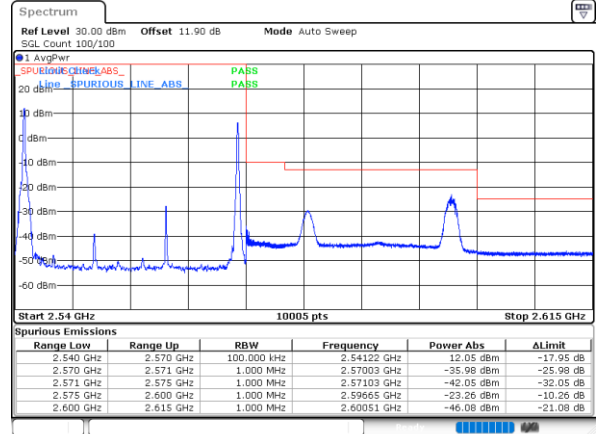
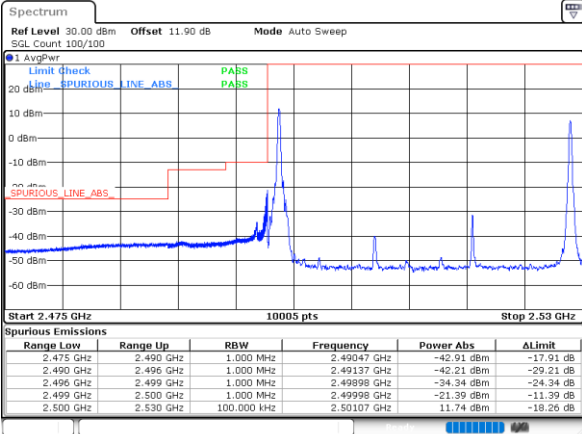


LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

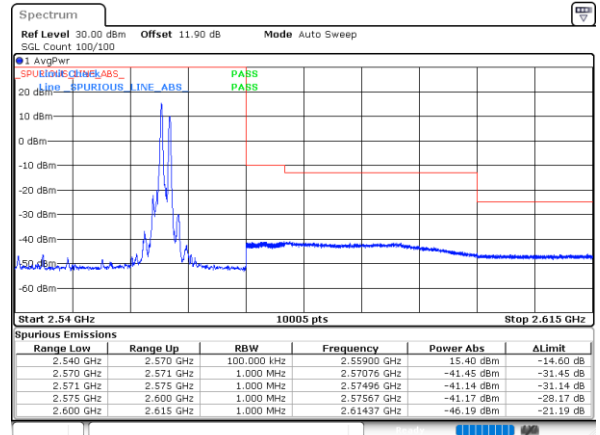
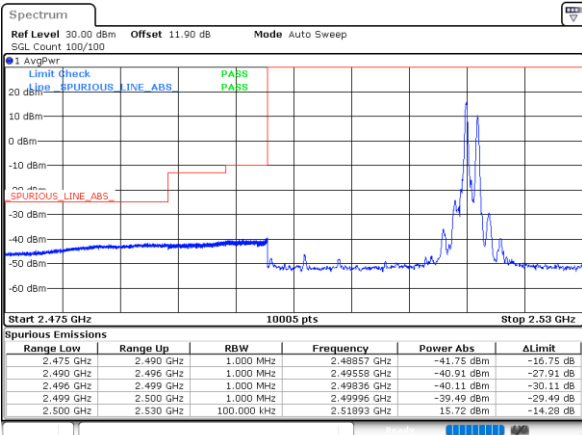


Date: 11.NOV.2021 10:38:57

Date: 11.NOV.2021 10:59:22

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

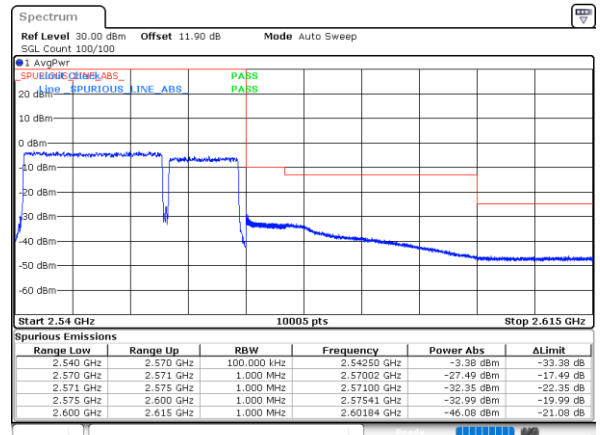
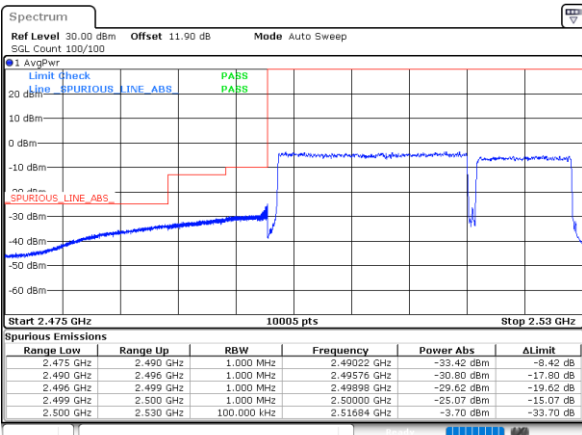


Date: 11.NOV.2021 10:39:30

Date: 11.NOV.2021 10:59:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.NOV.2021 10:38:24

Date: 11.NOV.2021 10:58:49

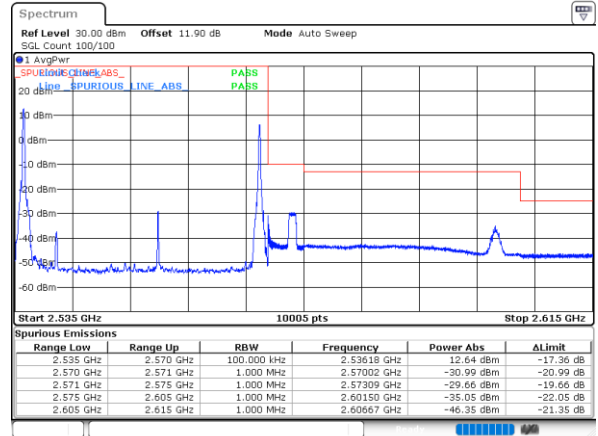
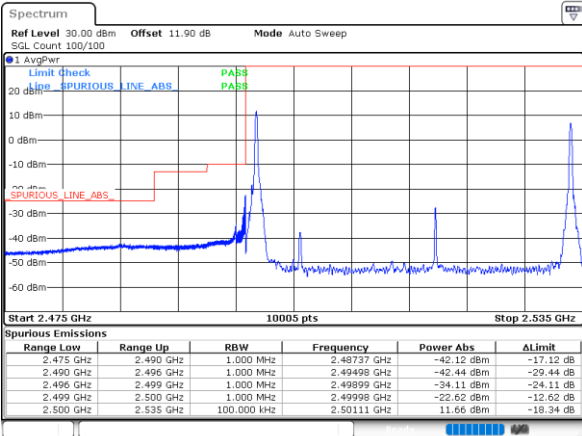


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

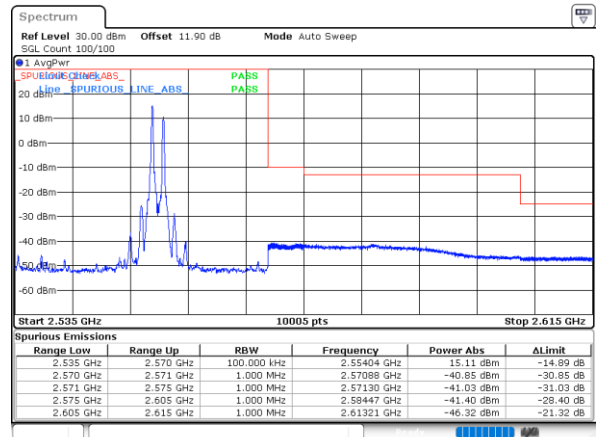
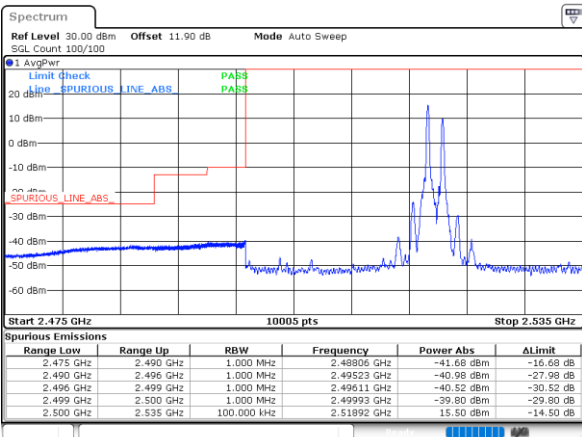


Date: 11.NOV.2021 15:50:51

Date: 11.NOV.2021 16:02:08

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

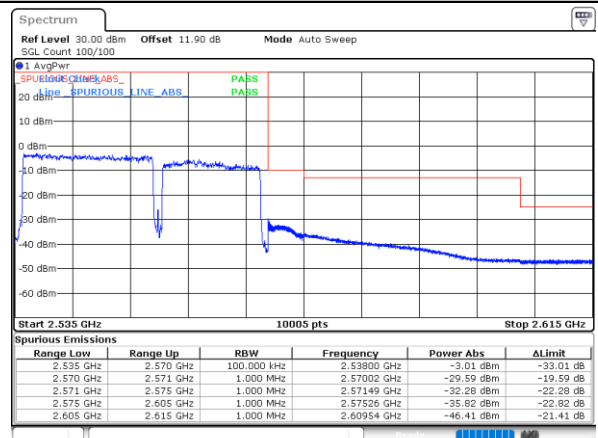
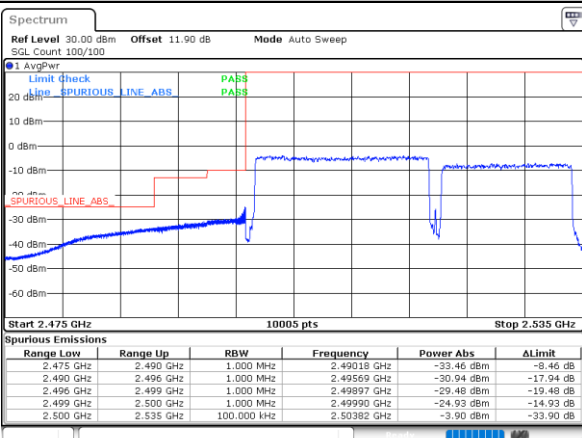


Date: 11.NOV.2021 15:51:24

Date: 11.NOV.2021 16:02:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.NOV.2021 15:50:17

Date: 11.NOV.2021 16:01:35

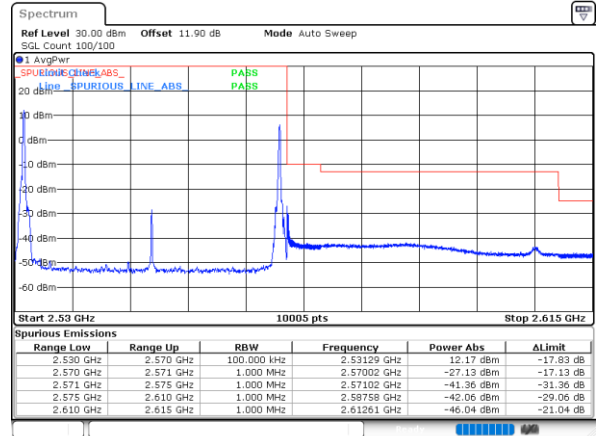
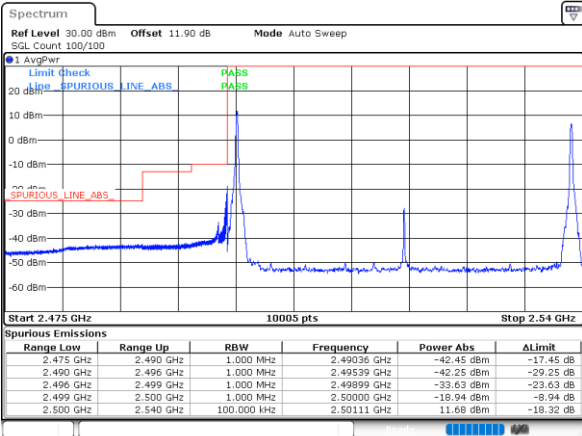


LTE Band 7C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

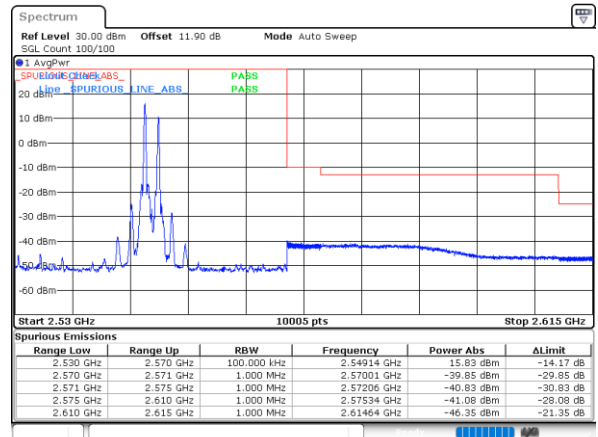
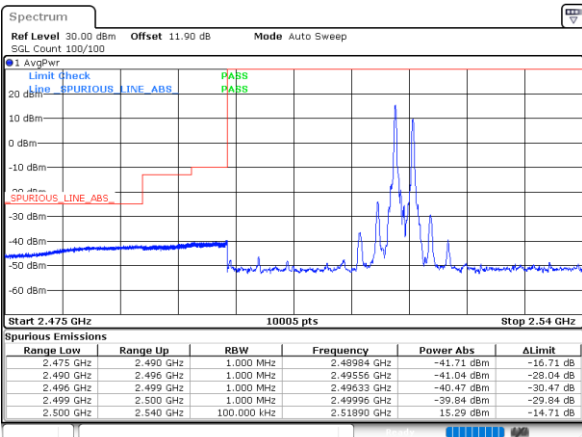


Date: 11.NOV.2021 09:35:13

Date: 11.NOV.2021 09:53:33

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

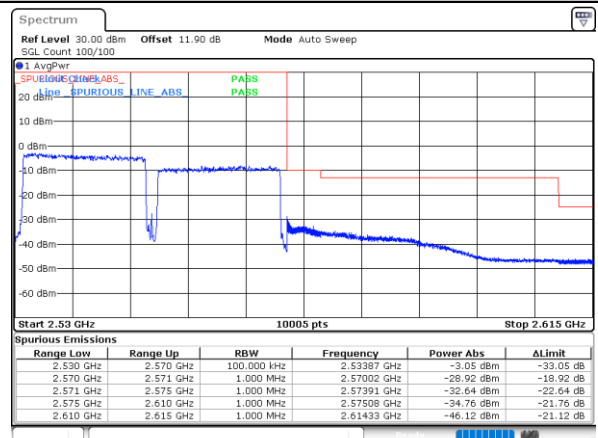
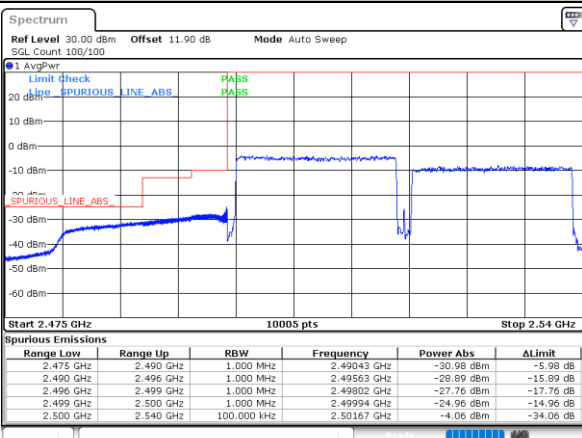


Date: 11.NOV.2021 09:35:46

Date: 11.NOV.2021 09:54:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.NOV.2021 09:34:40

Date: 11.NOV.2021 09:53:00



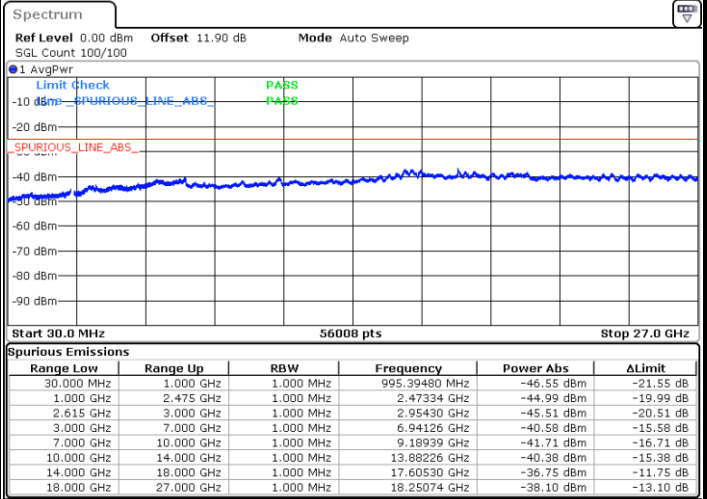
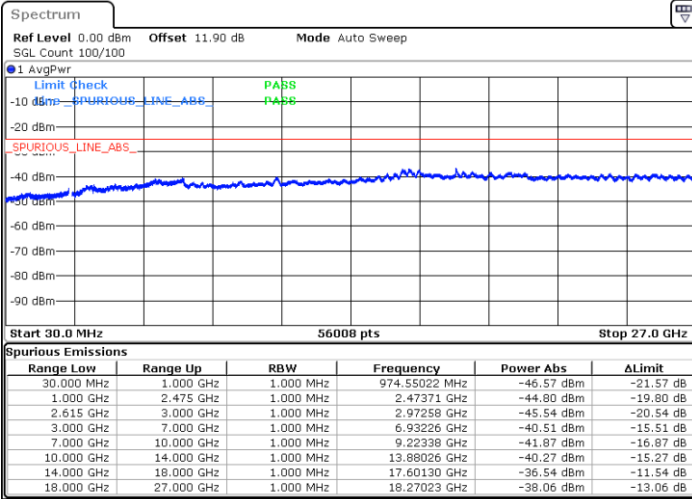
Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

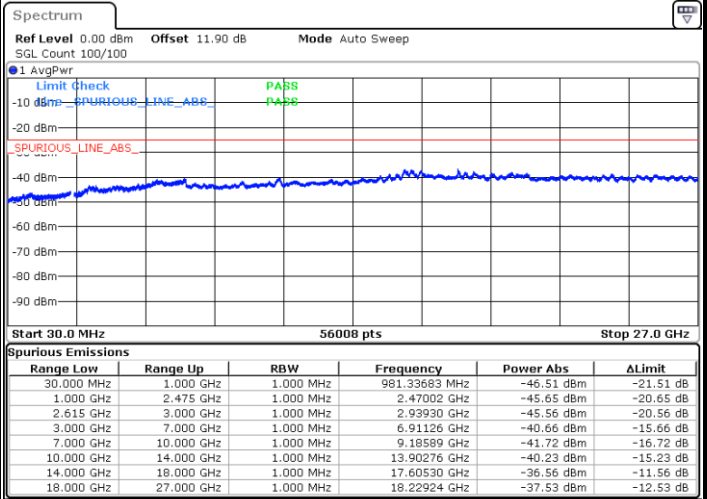
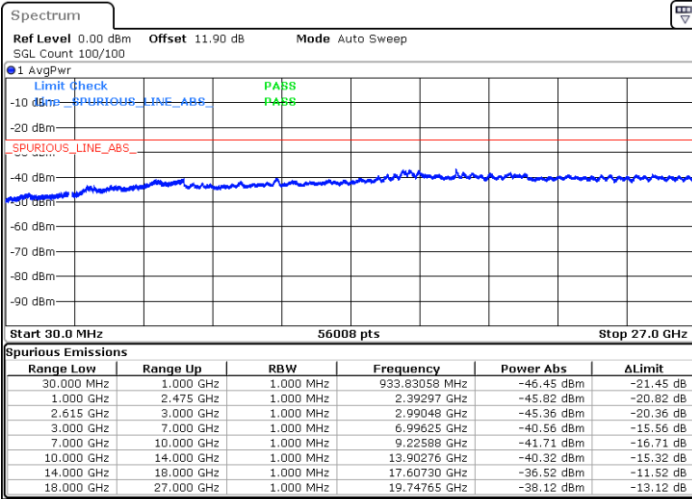


Date: 11.NOV.2021 10:09:08

Date: 11.NOV.2021 10:08:00

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 11.NOV.2021 10:17:11

Date: 11.NOV.2021 10:18:19

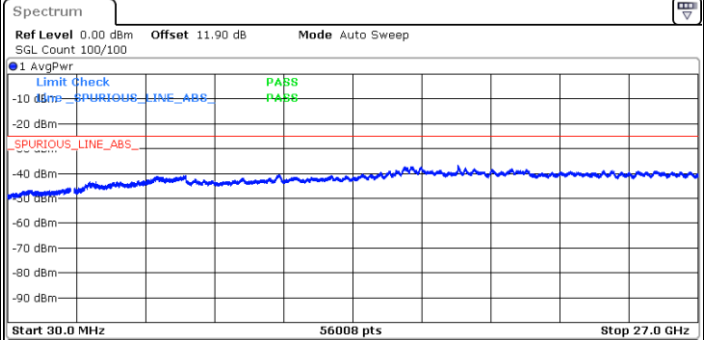
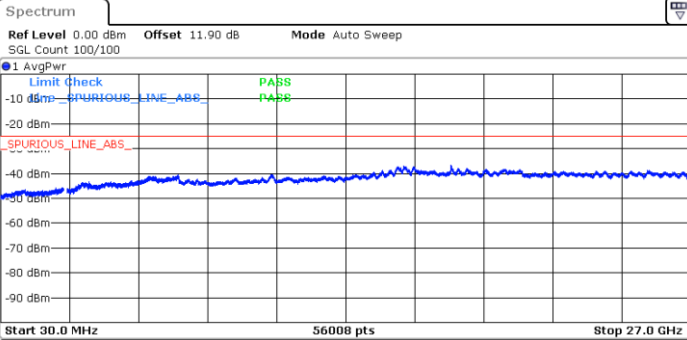


LTE Band 7C / 10MHz+20MHz

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	970.67216 MHz	-46.55 dBm	-21.55 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47039 GHz	-45.67 dBm	-20.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95834 GHz	-45.22 dBm	-20.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97125 GHz	-40.64 dBm	-15.64 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.22638 GHz	-41.75 dBm	-16.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89576 GHz	-40.37 dBm	-15.37 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.60380 GHz	-36.54 dBm	-11.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.24724 GHz	-38.00 dBm	-13.00 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.22689 MHz	-46.69 dBm	-21.69 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44938 GHz	-45.86 dBm	-20.86 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.98086 GHz	-45.40 dBm	-20.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94676 GHz	-40.92 dBm	-15.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.19388 GHz	-41.79 dBm	-16.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89576 GHz	-40.29 dBm	-15.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.60430 GHz	-36.58 dBm	-11.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.24724 GHz	-38.11 dBm	-13.11 dB

Date: 11.NOV.2021 10:27:33

Date: 11.NOV.2021 10:26:24

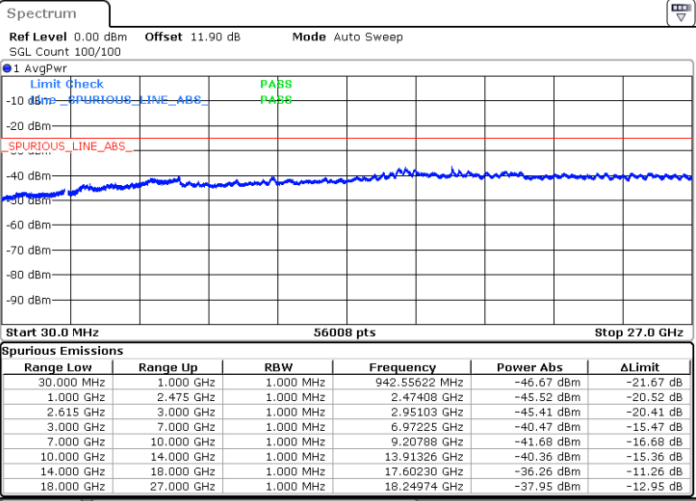
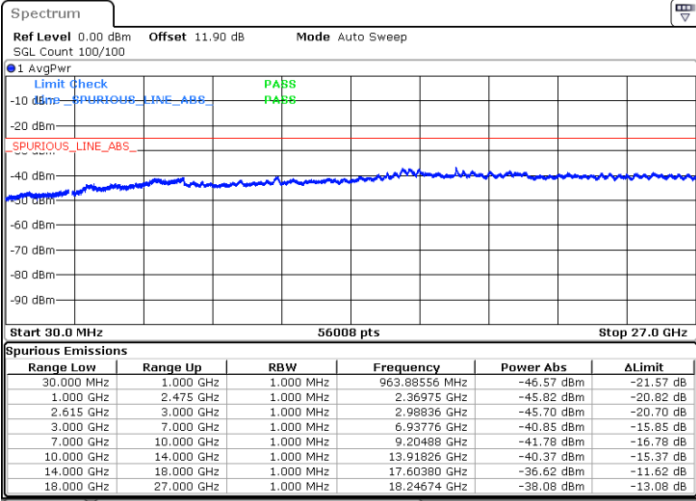


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0

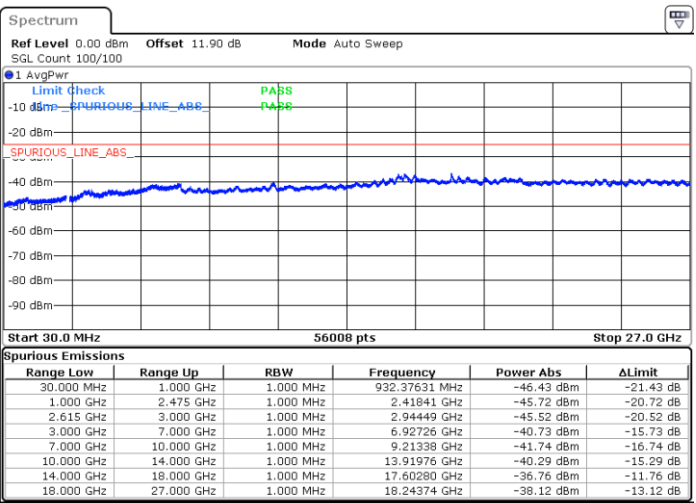
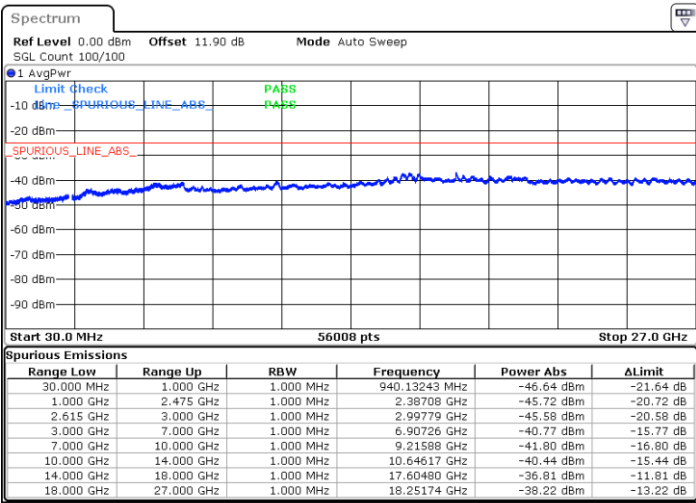


Date: 11.NOV.2021 16:44:39

Date: 11.NOV.2021 16:43:31

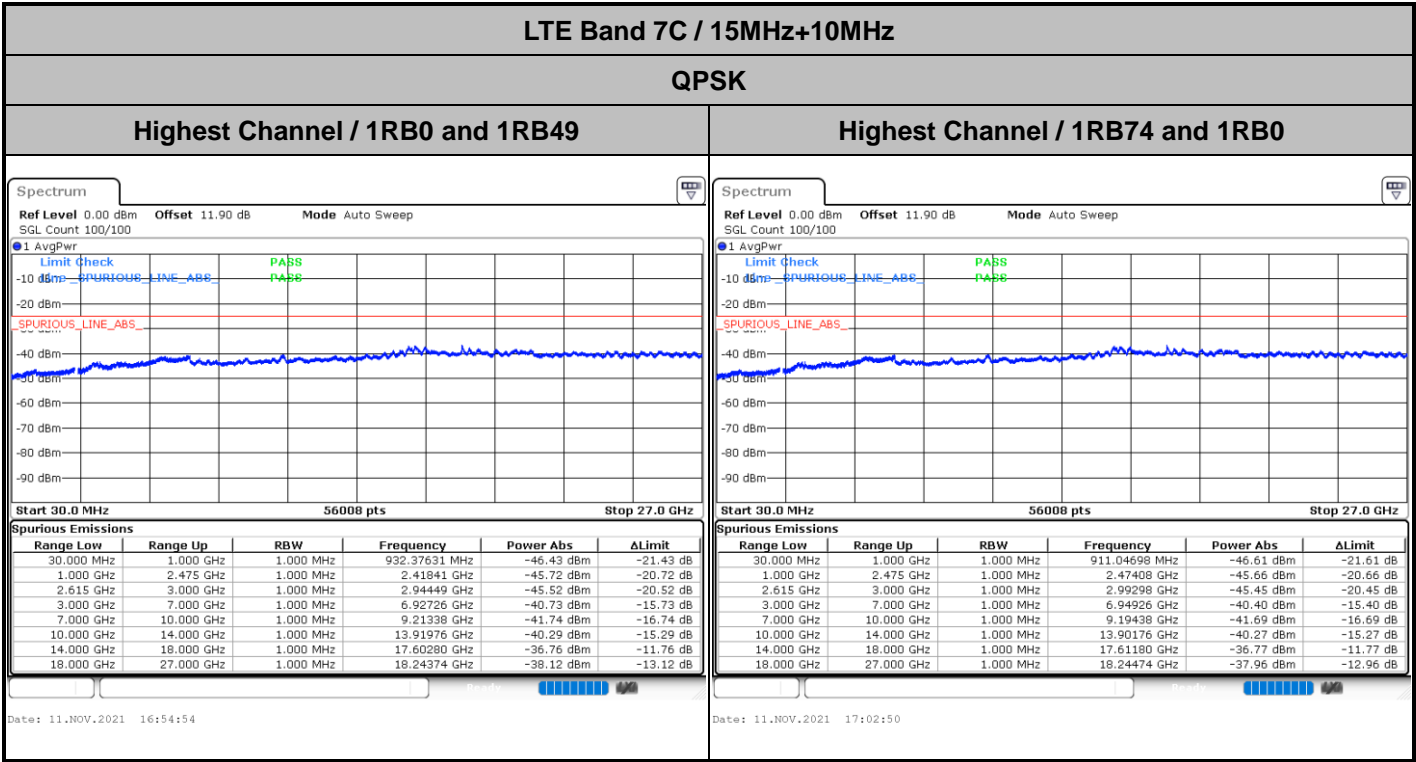
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 11.NOV.2021 16:53:46

Date: 11.NOV.2021 16:54:54



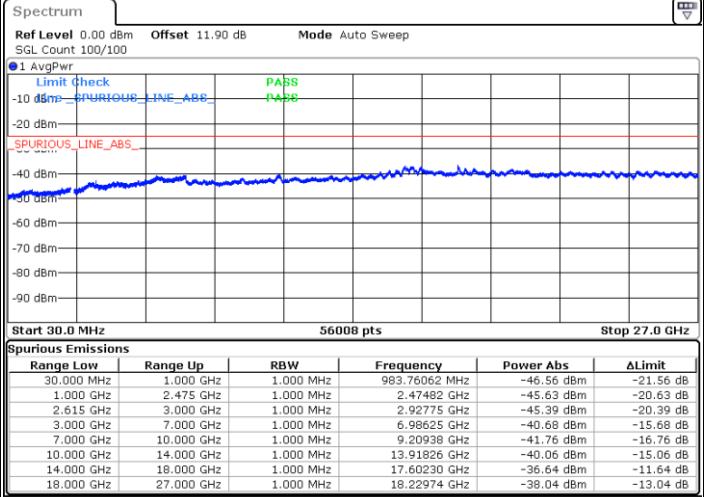
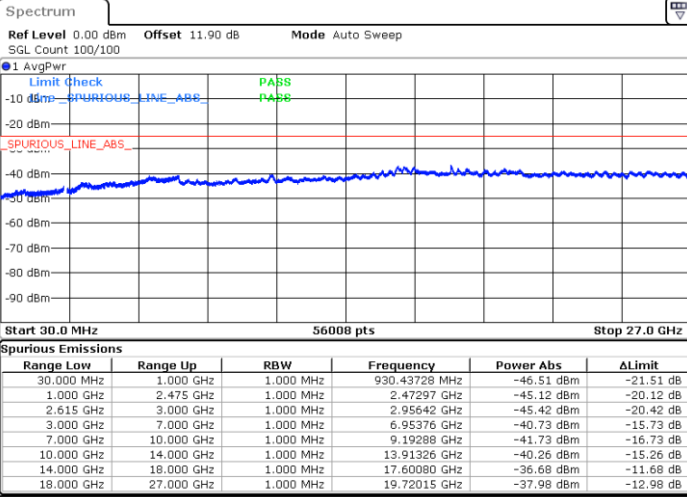


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

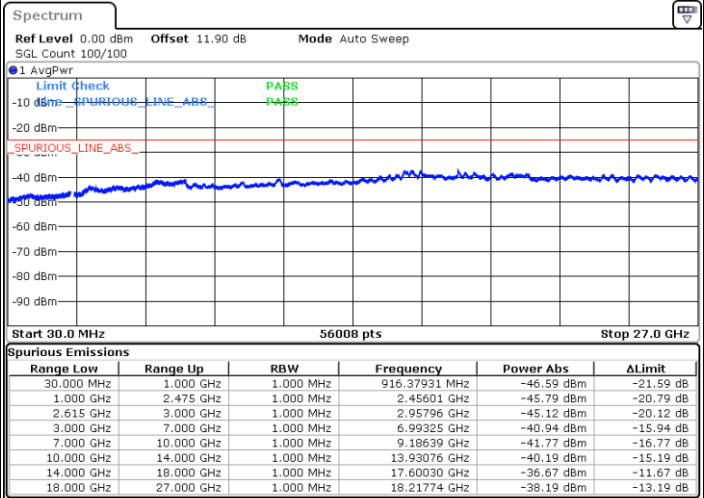
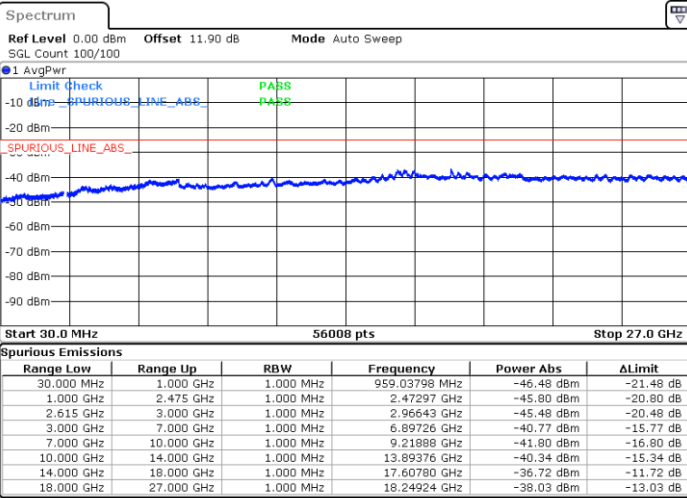


Date: 11.NOV.2021 11:08:12

Date: 11.NOV.2021 11:07:04

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 11.NOV.2021 11:18:58

Date: 11.NOV.2021 11:20:07

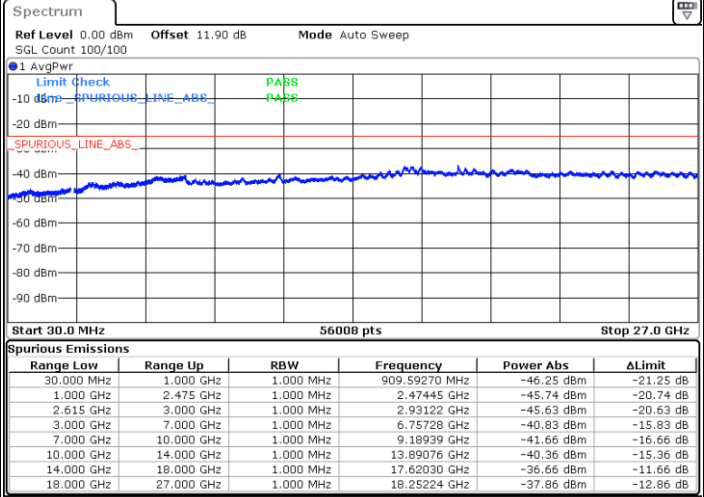
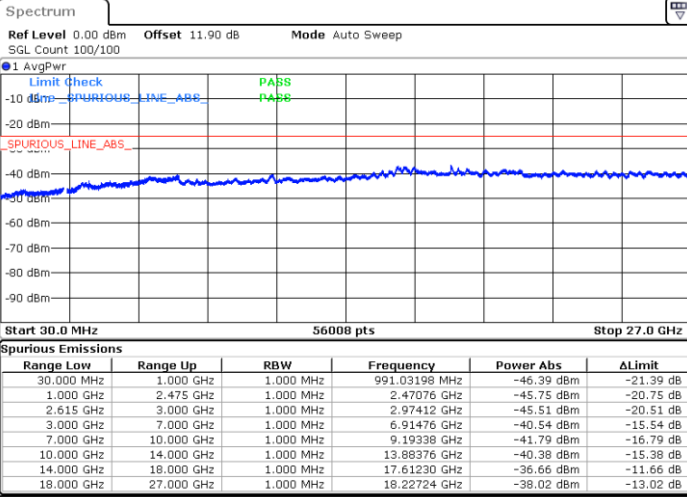


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

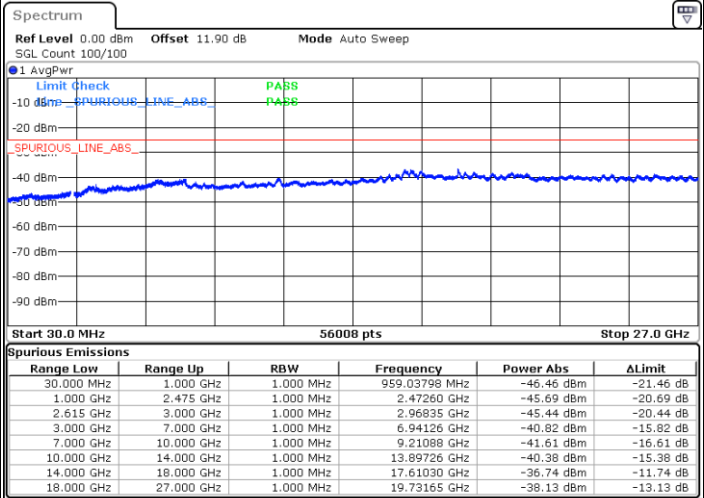
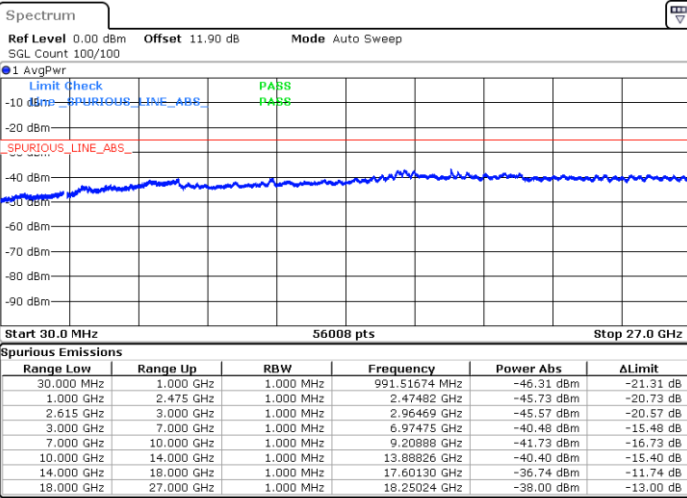


Date: 11.NOV.2021 11:40:09

Date: 11.NOV.2021 11:39:01

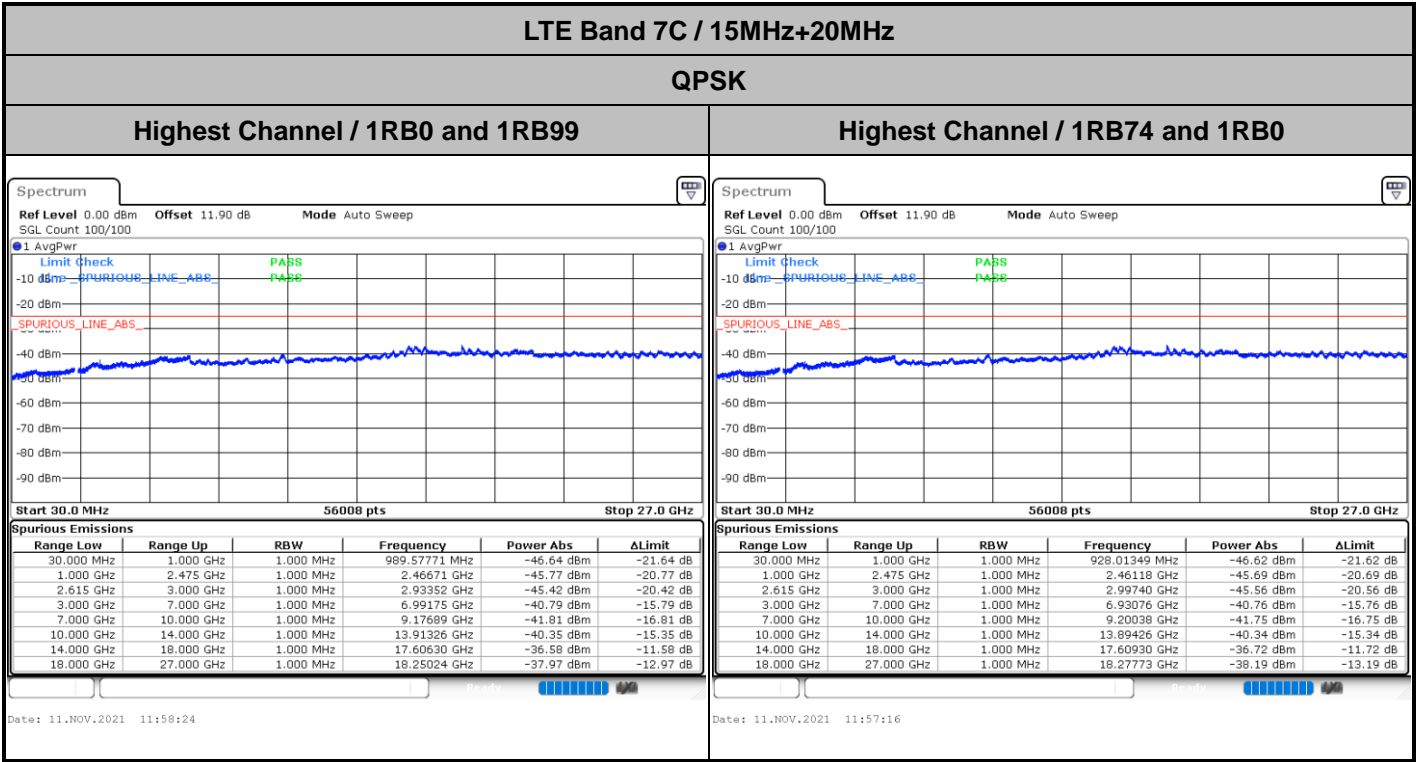
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 11.NOV.2021 11:47:56

Date: 11.NOV.2021 11:49:04



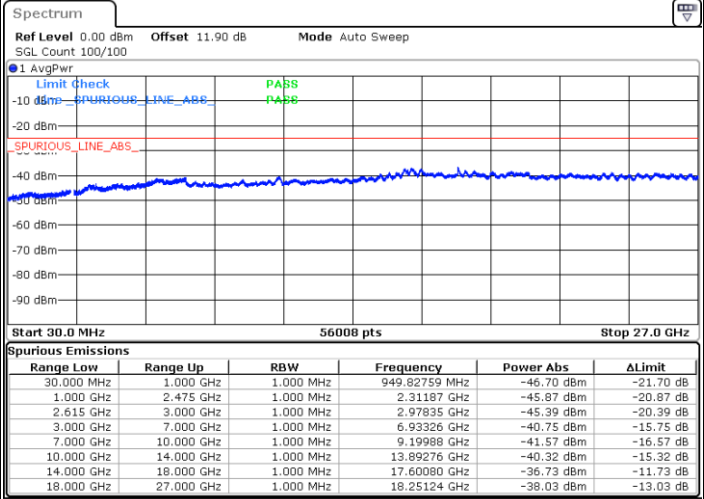
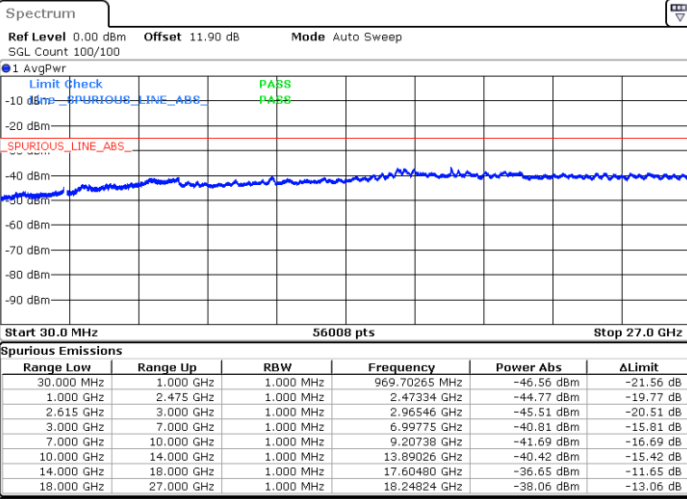


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

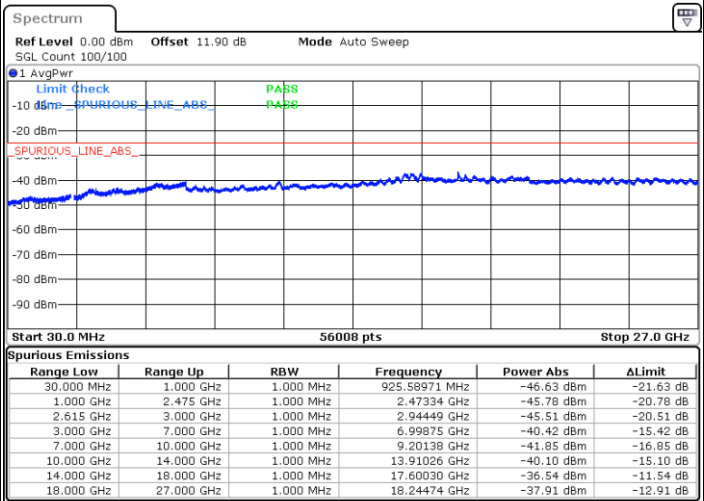
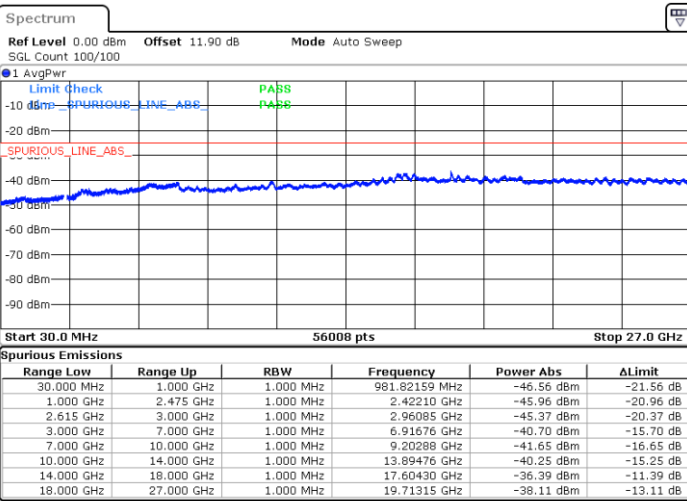


Date: 11.NOV.2021 10:37:48

Date: 11.NOV.2021 10:36:39

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 11.NOV.2021 10:48:03

Date: 11.NOV.2021 10:49:12

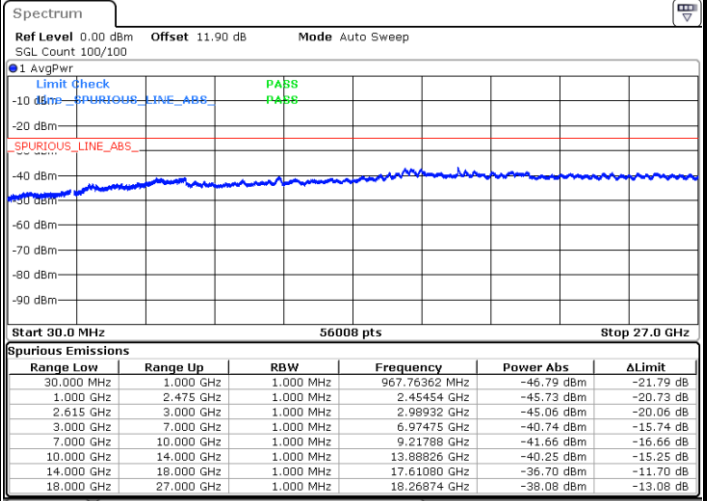
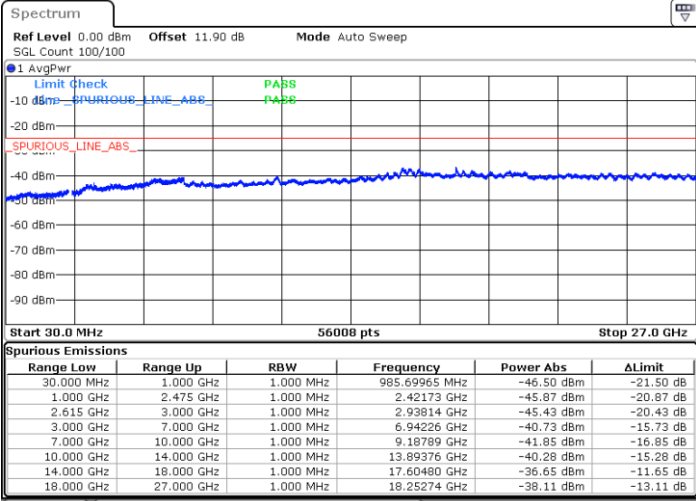


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

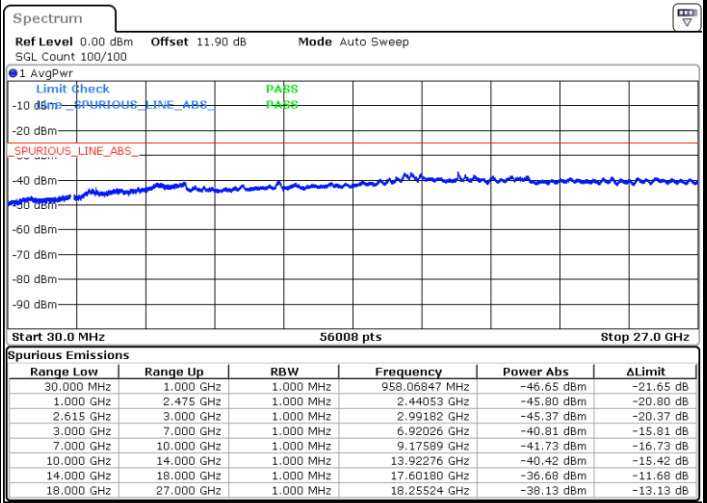
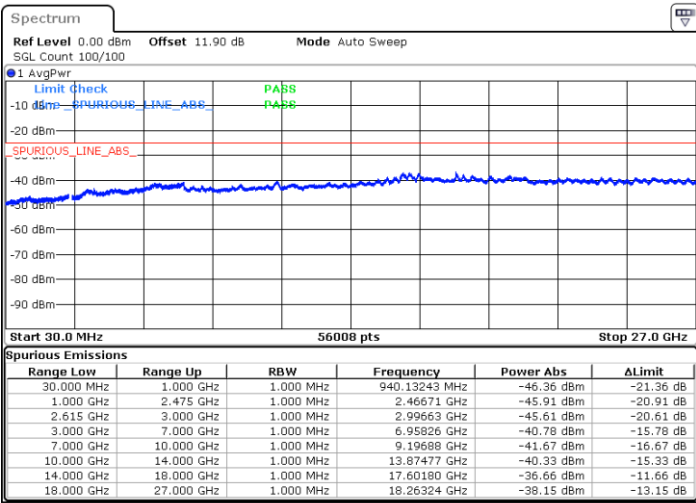


Date: 11.NOV.2021 15:49:42

Date: 11.NOV.2021 15:48:34

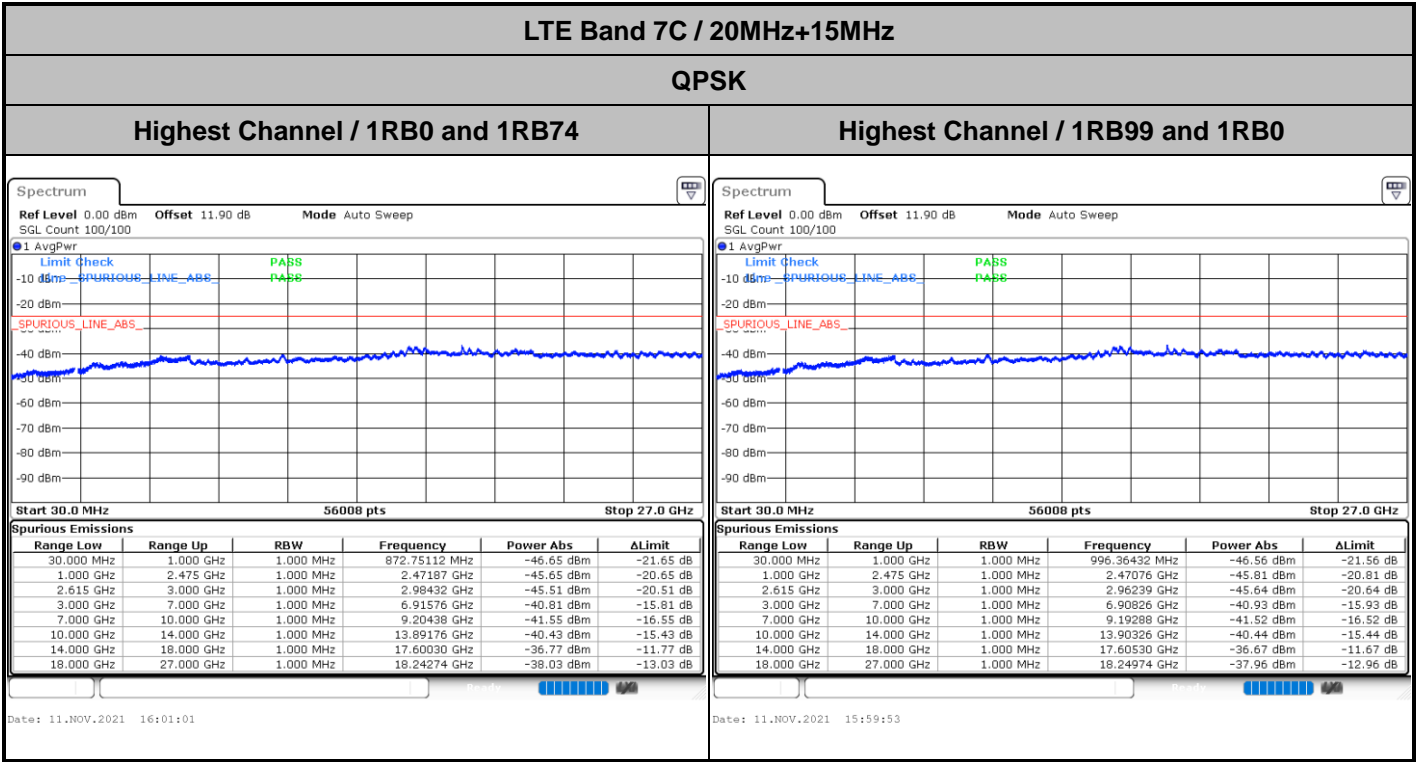
Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 11.NOV.2021 16:33:17

Date: 11.NOV.2021 16:34:25



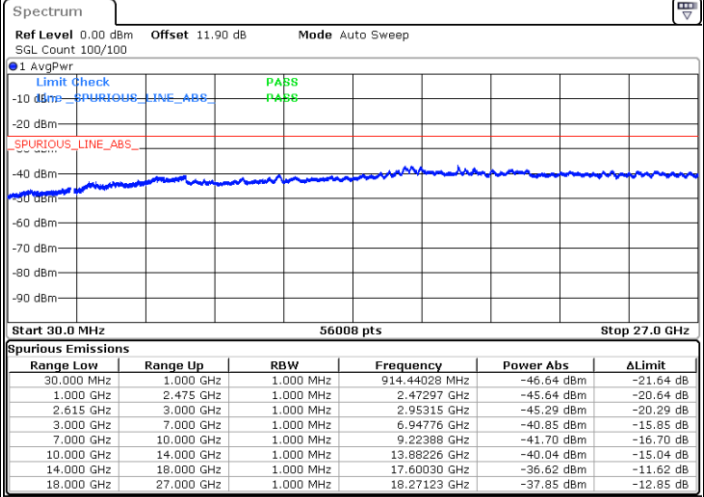
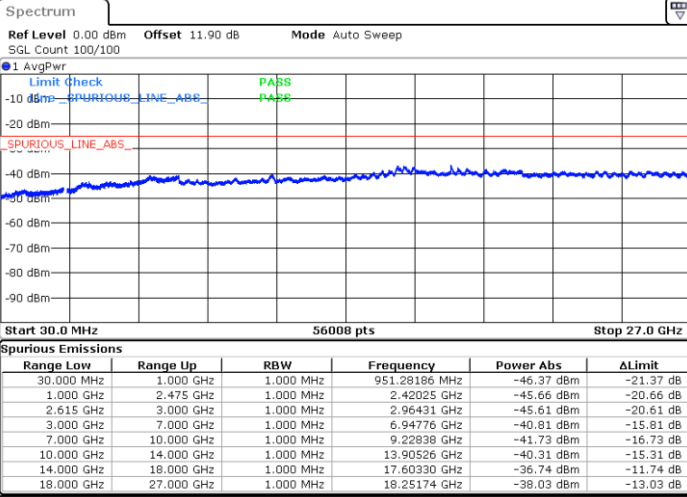


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

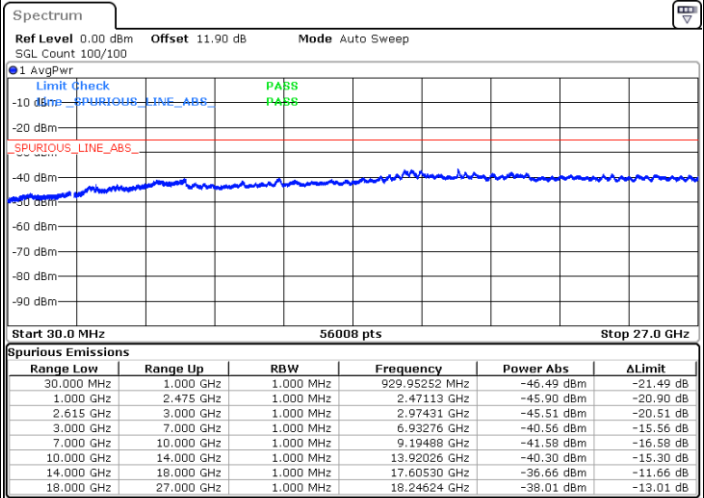
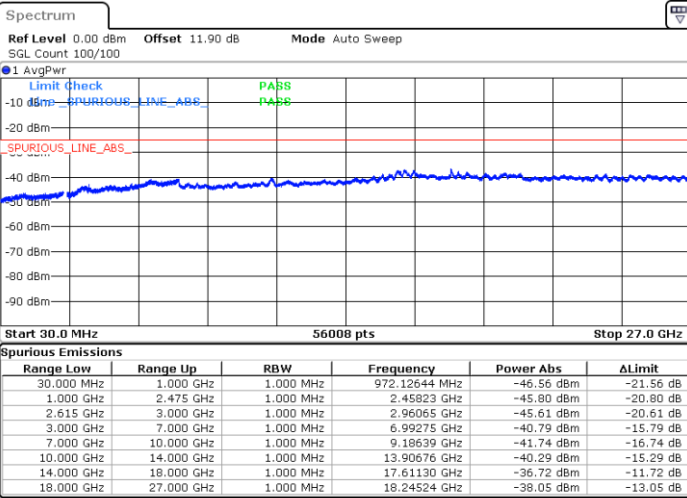


Date: 11.NOV.2021 09:34:04

Date: 11.NOV.2021 09:32:56

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 11.NOV.2021 09:40:34

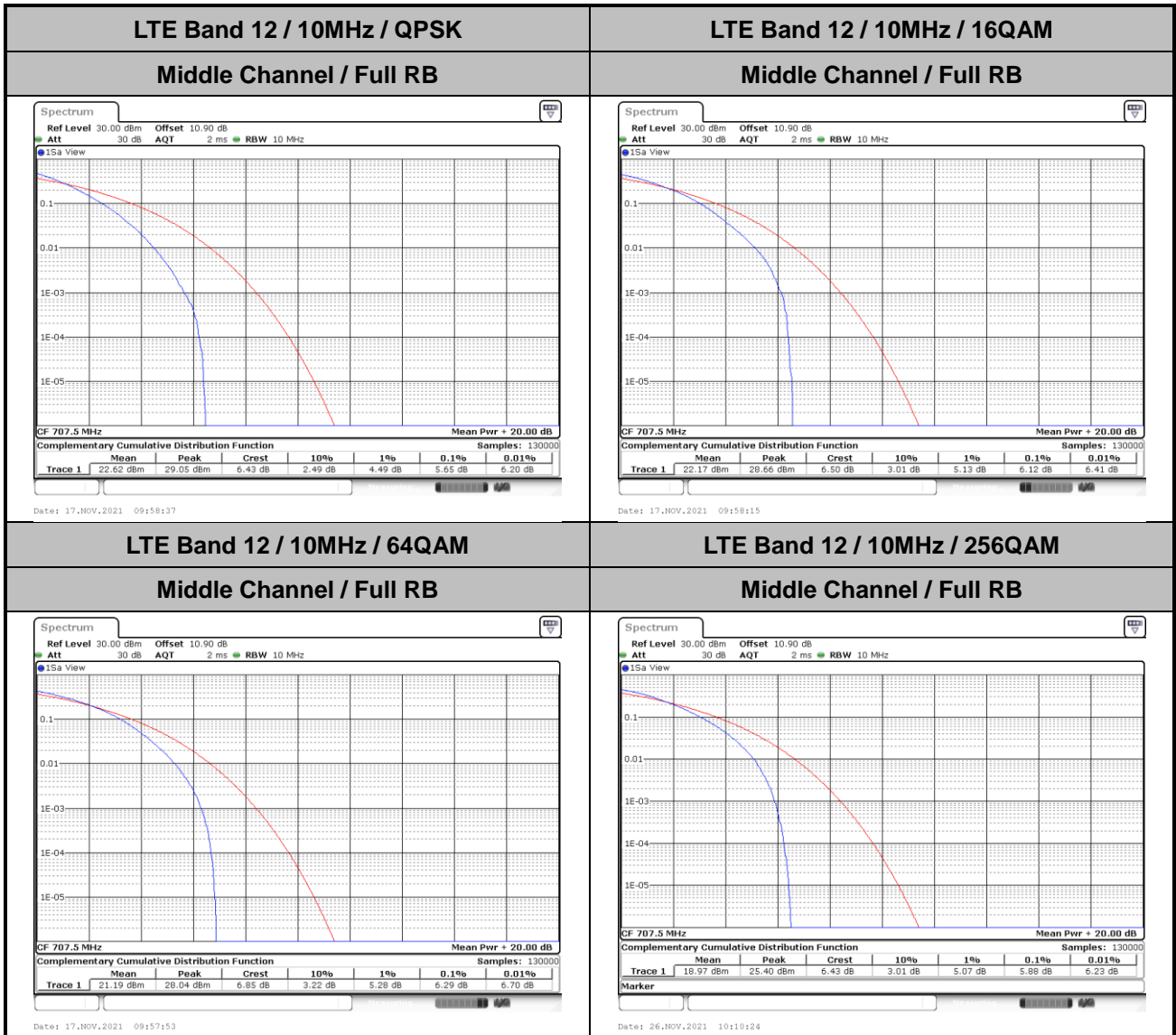
Date: 11.NOV.2021 09:41:43



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.65	6.12	6.29	5.88	PASS





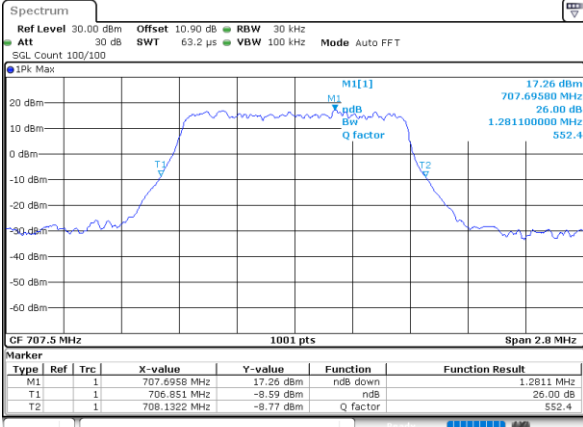
26dB Bandwidth

Mode	LTE Band 12 : 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	1.28	1.33	3.13	3.15	5.22	5.02	10.01	10.35	-	-	-	-
Mode	LTE Band 12 : 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	1.30	1.37	3.09	3.09	4.96	5.12	9.81	10.21	-	-	-	-



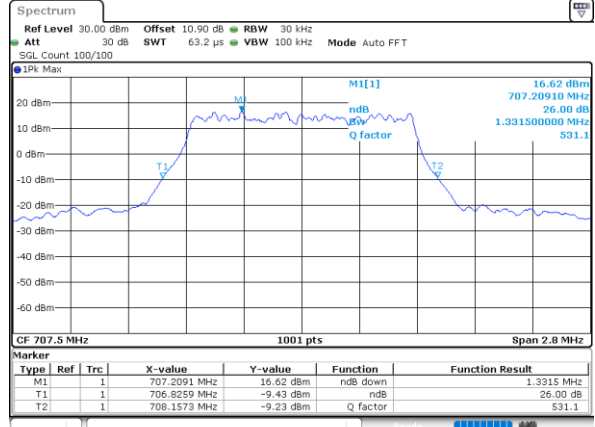
LTE Band 12

Middle Channel / 1.4MHz / QPSK



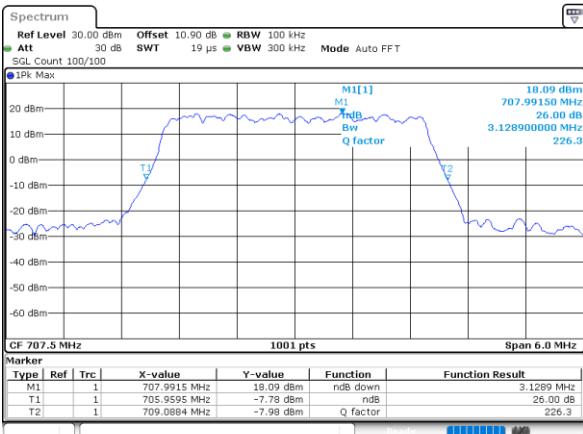
Date: 17.NOV.2021 09:05:43

Middle Channel / 1.4MHz / 16QAM



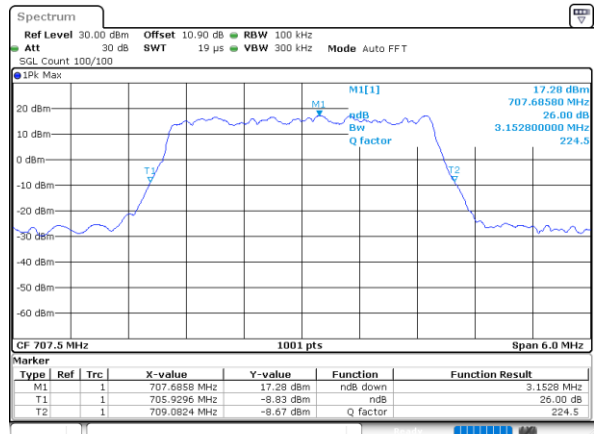
Date: 17.NOV.2021 09:06:04

Middle Channel / 3MHz / QPSK



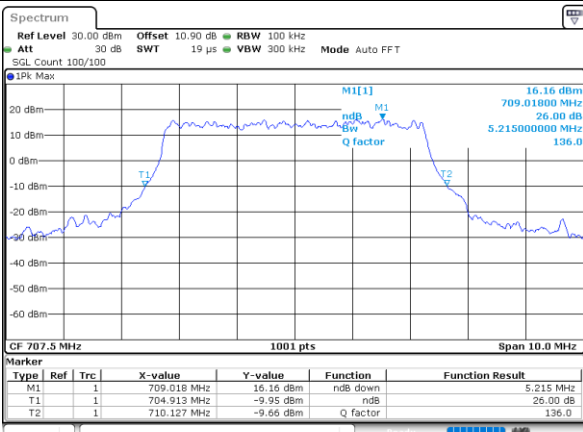
Date: 17.NOV.2021 09:21:48

Middle Channel / 3MHz / 16QAM



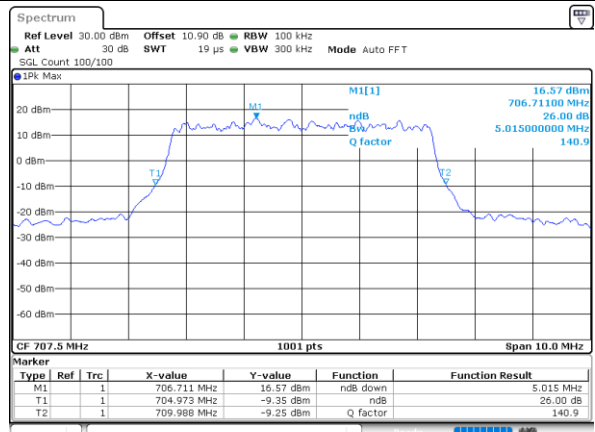
Date: 17.NOV.2021 09:22:09

Middle Channel / 5MHz / QPSK



Date: 17.NOV.2021 09:40:57

Middle Channel / 5MHz / 16QAM

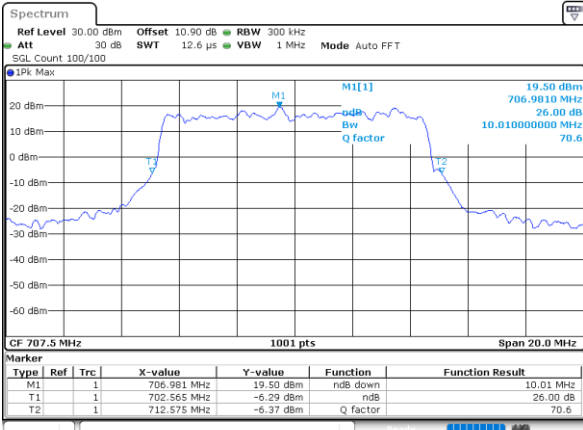


Date: 17.NOV.2021 09:41:18



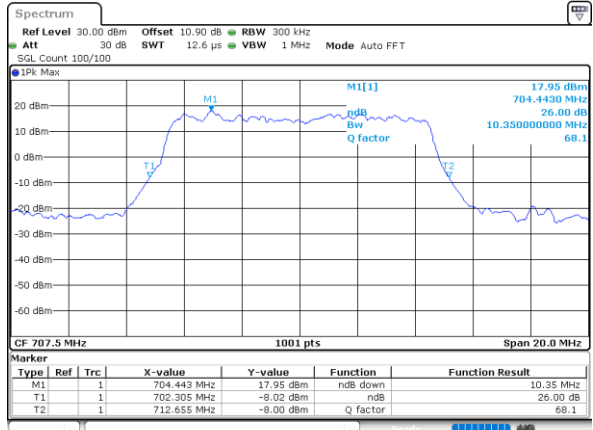
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 17.NOV.2021 09:49:47

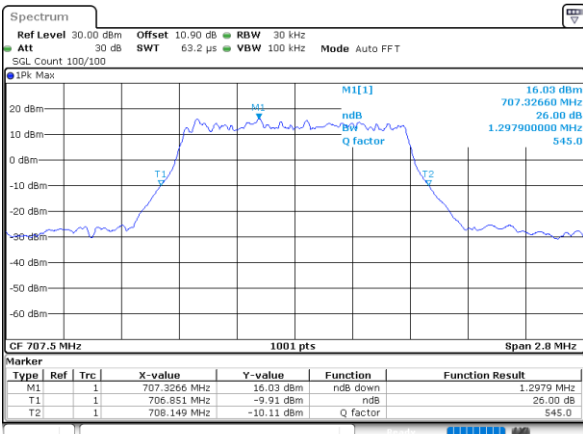
Middle Channel / 10MHz / 16QAM



Date: 17.NOV.2021 09:50:08

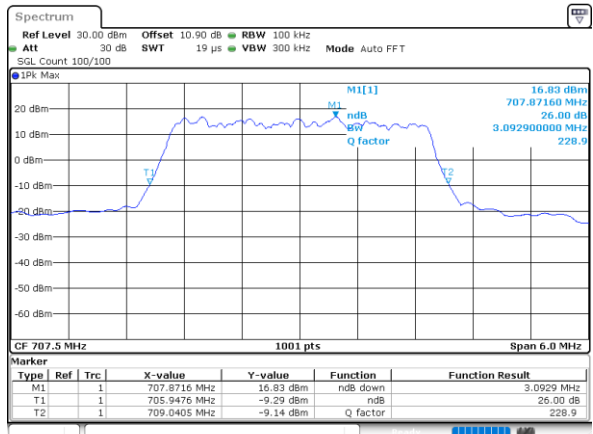
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



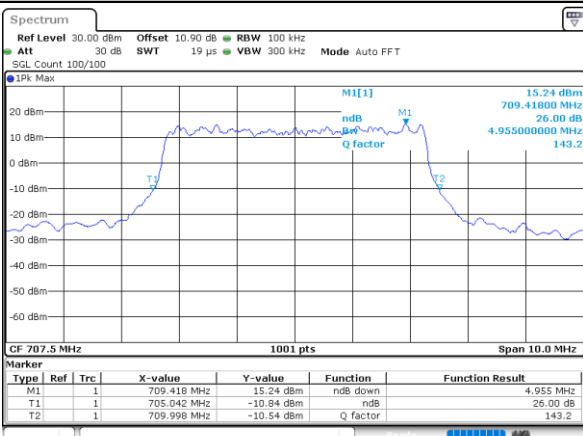
Date: 17.NOV.2021 09:12:00

Middle Channel / 3MHz / 64QAM



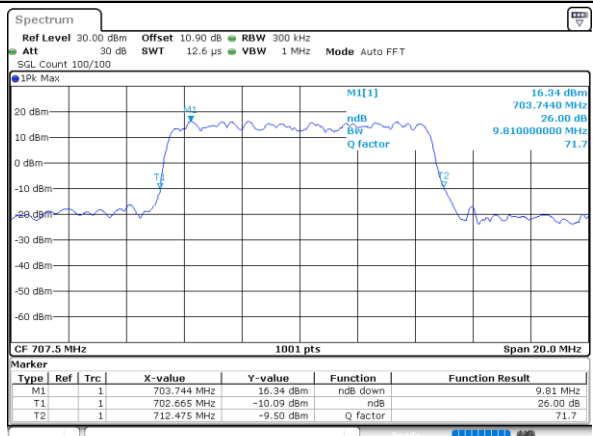
Date: 17.NOV.2021 09:28:06

Middle Channel / 5MHz / 64QAM



Date: 17.NOV.2021 09:32:04

Middle Channel / 10MHz / 64QAM

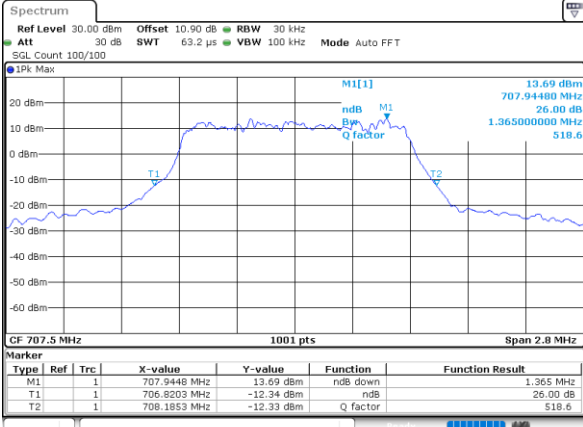


Date: 17.NOV.2021 09:56:09



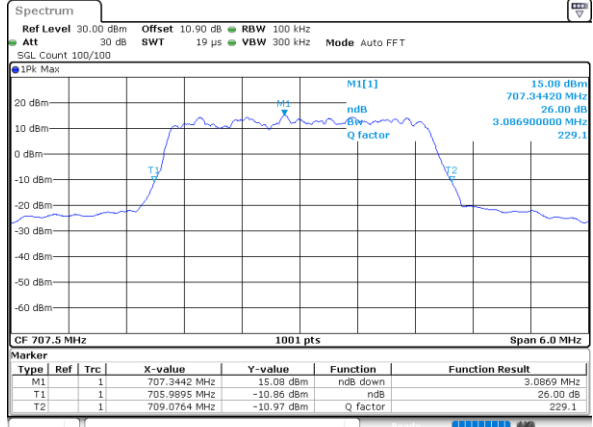
LTE Band 12

Middle Channel / 1.4MHz / 256QAM



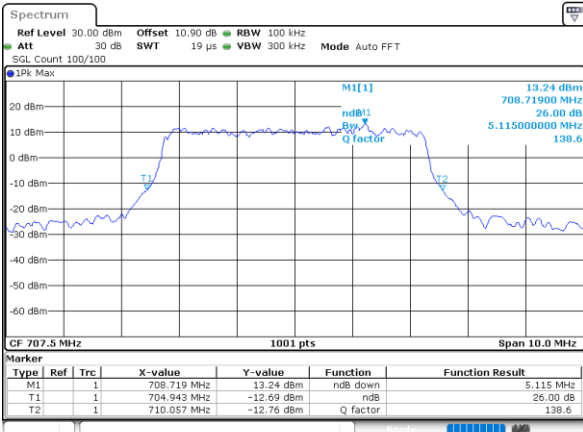
Date: 26.NOV.2021 09:20:36

Middle Channel / 3MHz / 256QAM



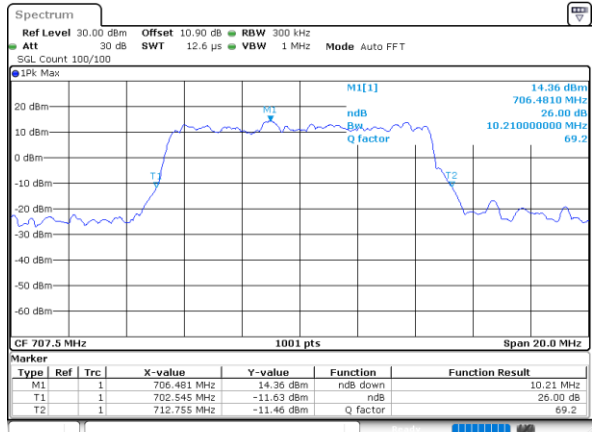
Date: 26.NOV.2021 09:57:42

Middle Channel / 5MHz / 256QAM



Date: 26.NOV.2021 10:03:25

Middle Channel / 10MHz / 256QAM



Date: 26.NOV.2021 10:09:41



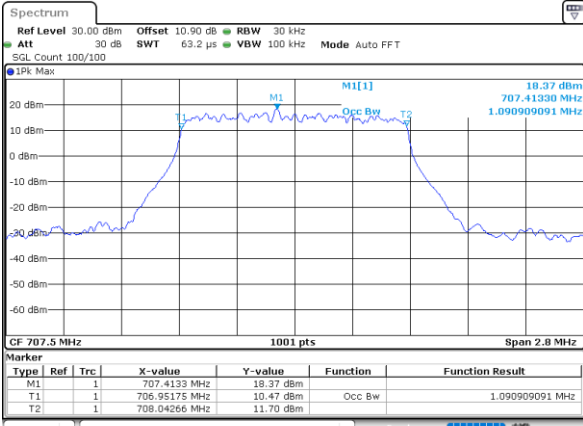
Occupied Bandwidth

Mode	LTE Band 12 : 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	2.73	2.76	4.49	4.49	9.07	9.01	-	-	-	-
Mode	LTE Band 12 : 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	1.08	1.10	2.73	2.73	4.49	4.52	9.09	9.05	-	-	-	-

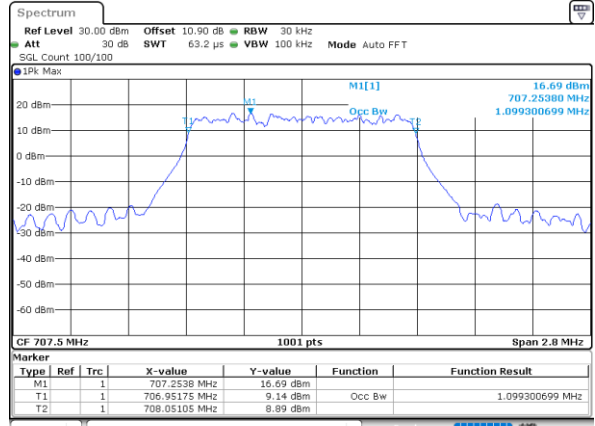


LTE Band 12

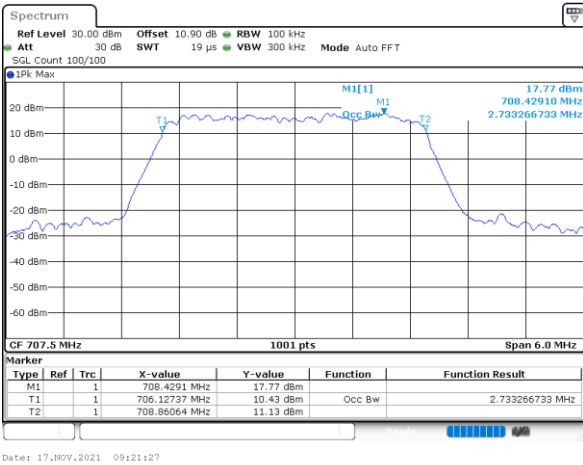
Middle Channel / 1.4MHz / QPSK



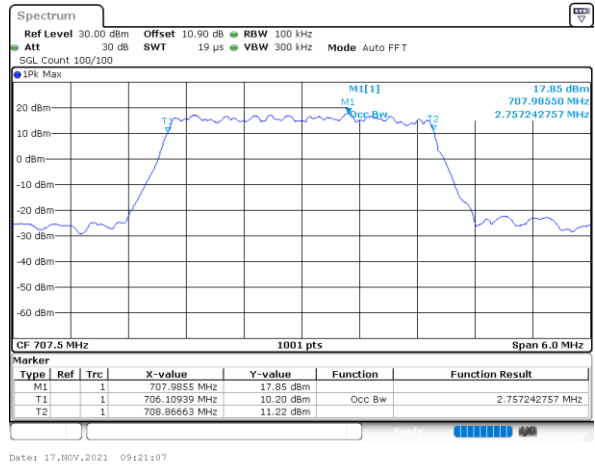
Middle Channel / 1.4MHz / 16QAM



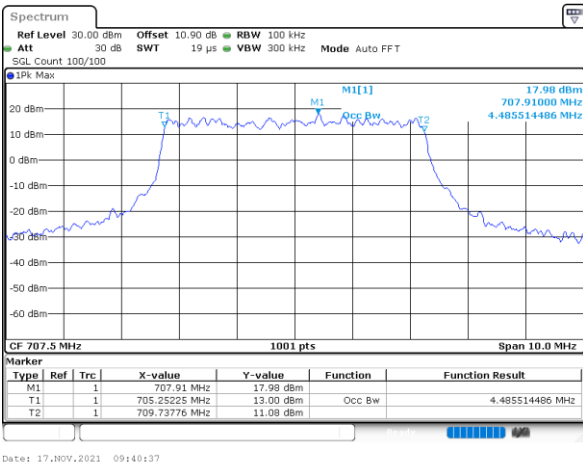
Middle Channel / 3MHz / QPSK



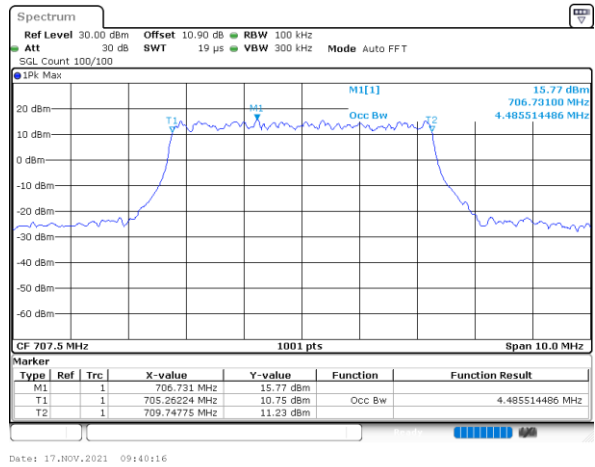
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



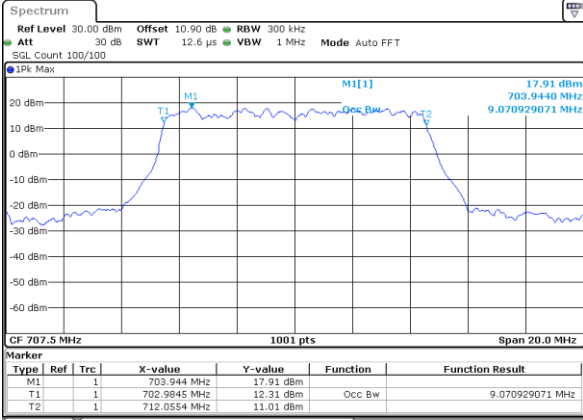
Middle Channel / 5MHz / 16QAM



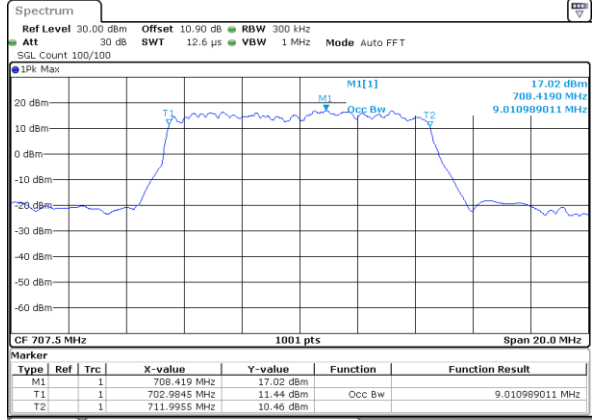


LTE Band 12

Middle Channel / 10MHz / QPSK

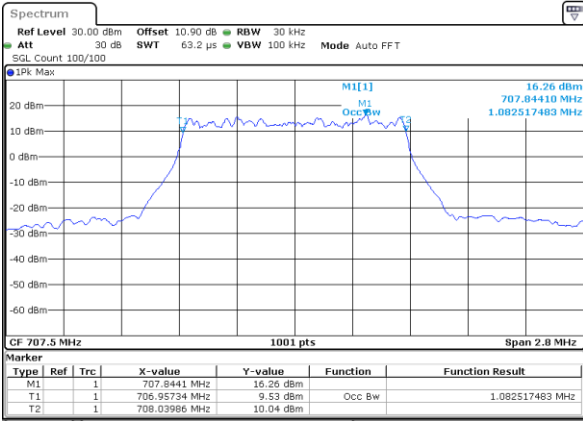


Middle Channel / 10MHz / 16QAM

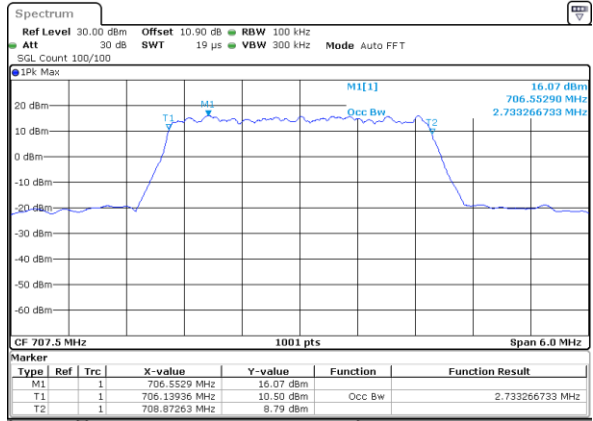


LTE Band 12

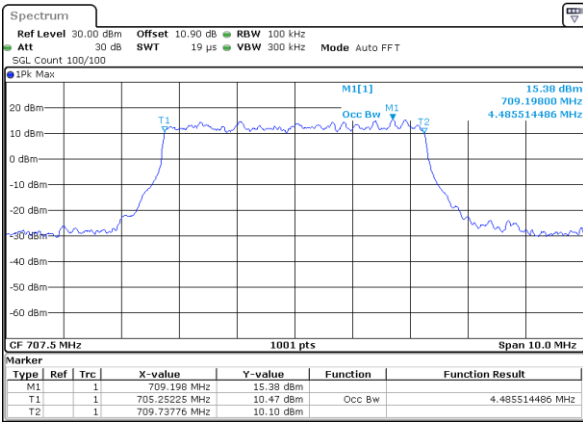
Middle Channel / 1.4MHz / 64QAM



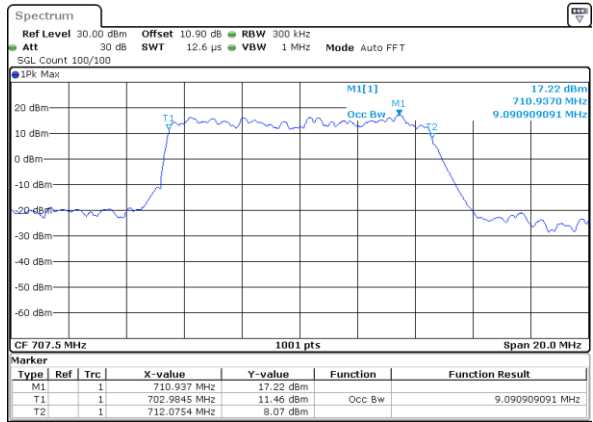
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



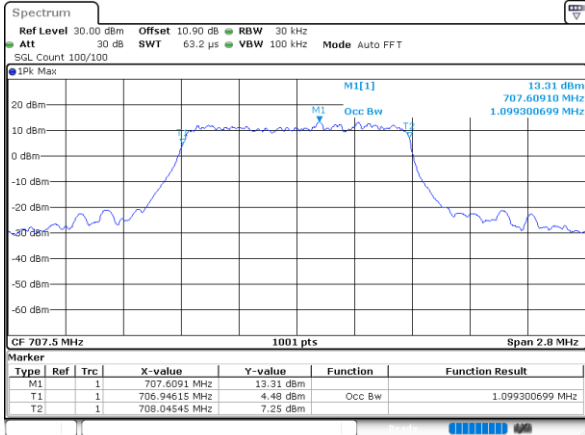
Middle Channel / 10MHz / 64QAM



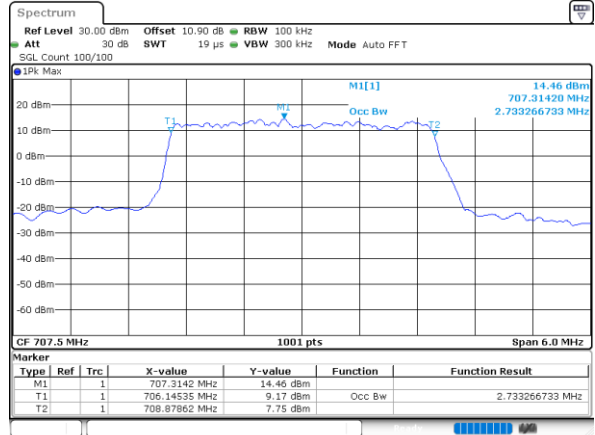


LTE Band 12

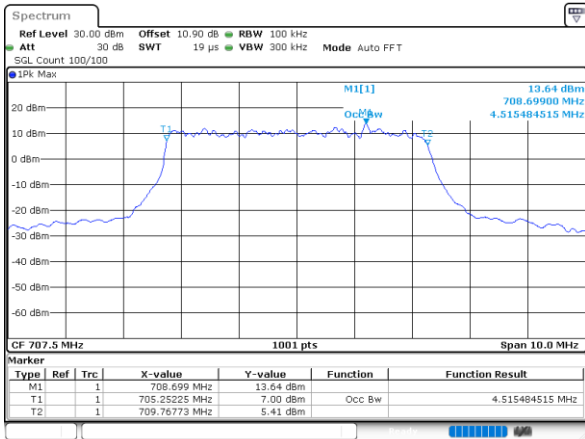
Middle Channel / 1.4MHz / 256QAM



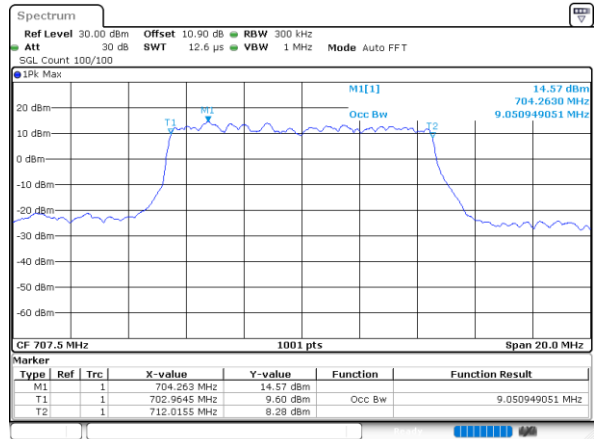
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM

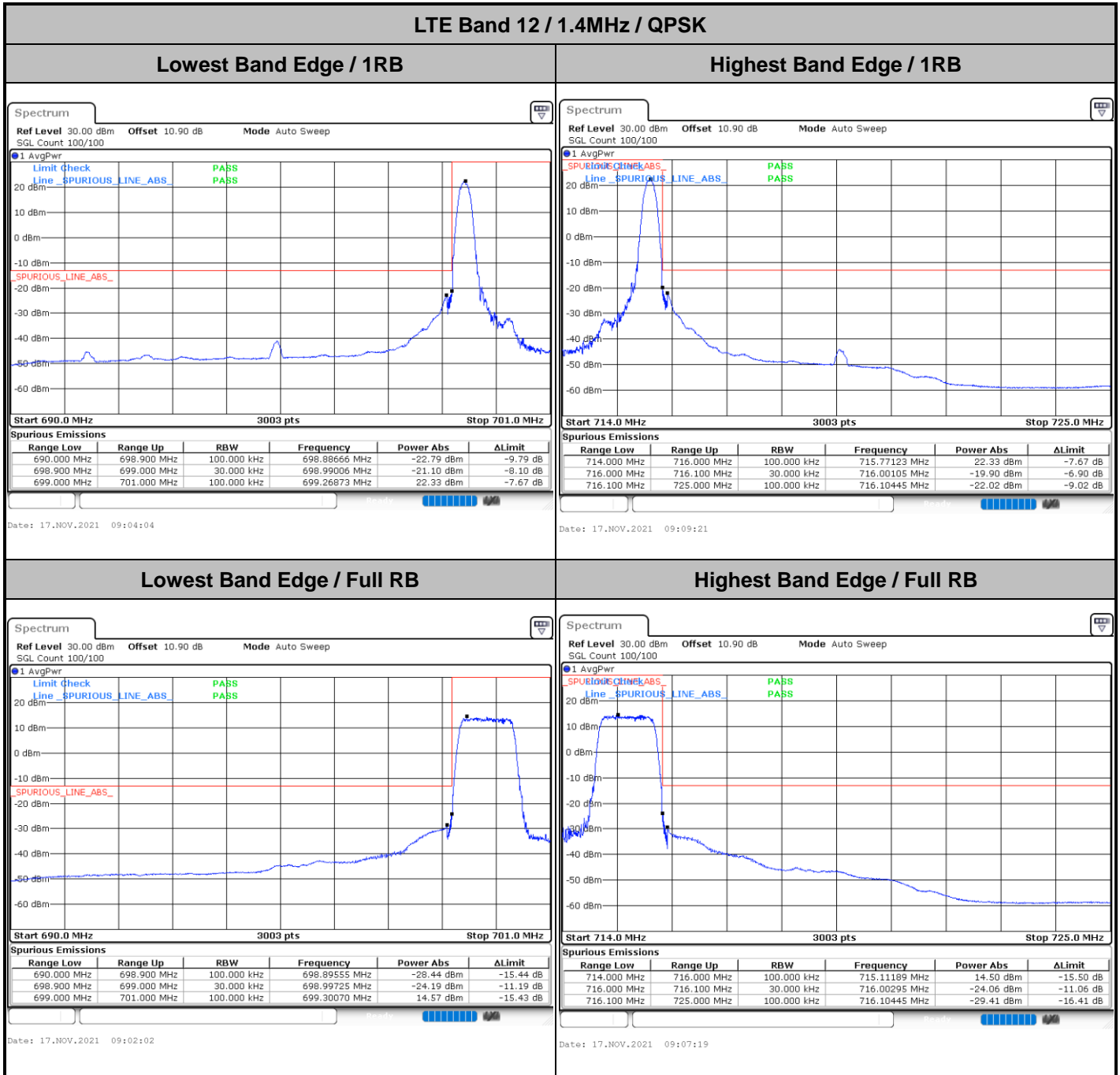


Middle Channel / 10MHz / 256QAM





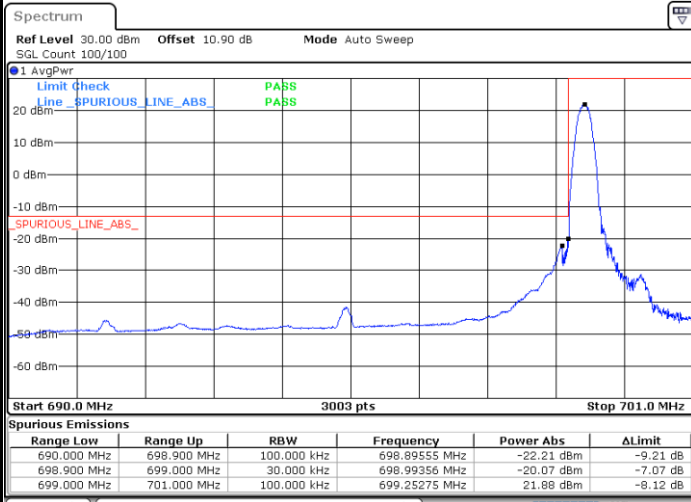
Conducted Band Edge





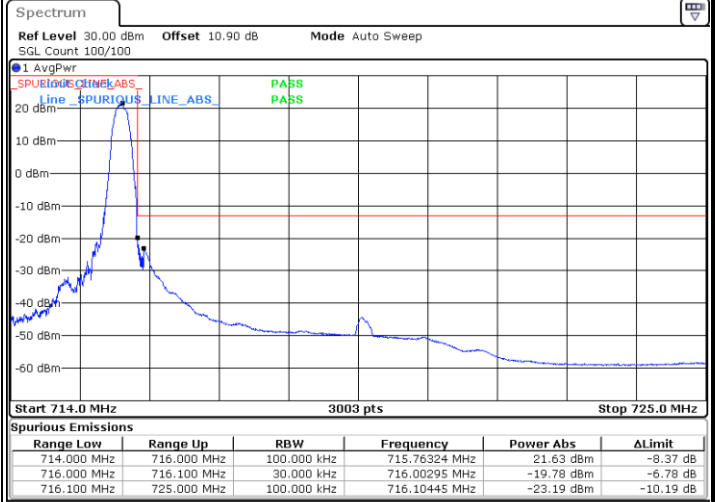
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



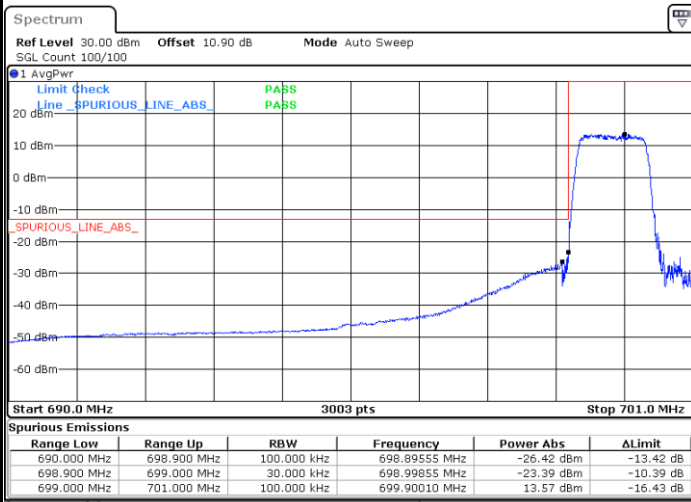
Date: 17.NOV.2021 09:03:23

Highest Band Edge / 1 RB



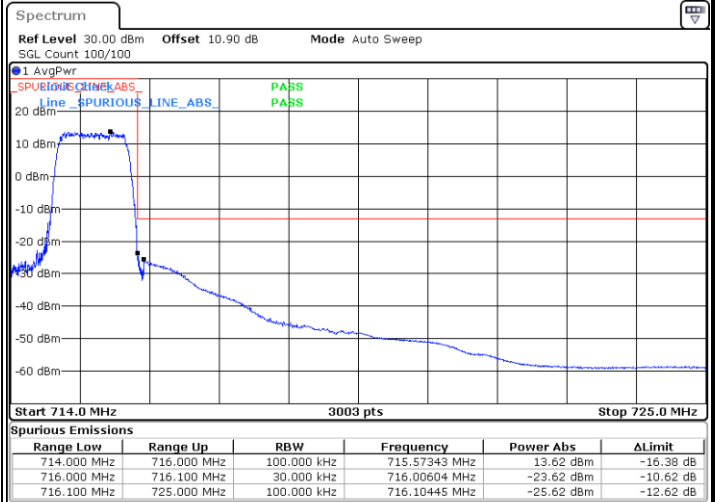
Date: 17.NOV.2021 09:08:41

Lowest Band Edge / Full RB



Date: 17.NOV.2021 09:02:43

Highest Band Edge / Full RB



Date: 17.NOV.2021 09:08:00