

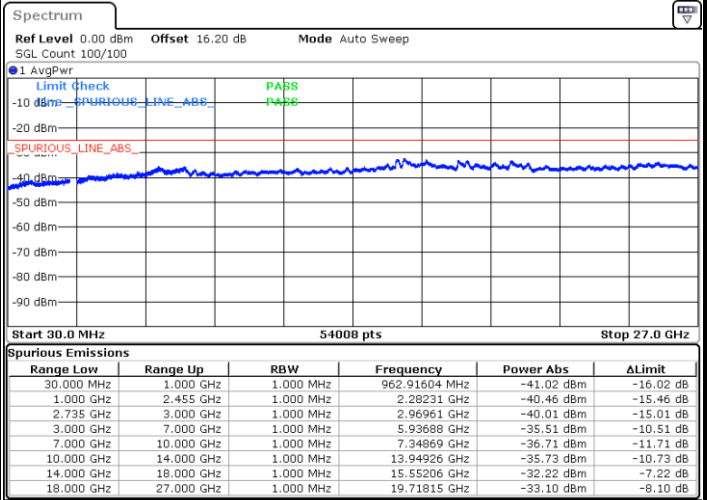
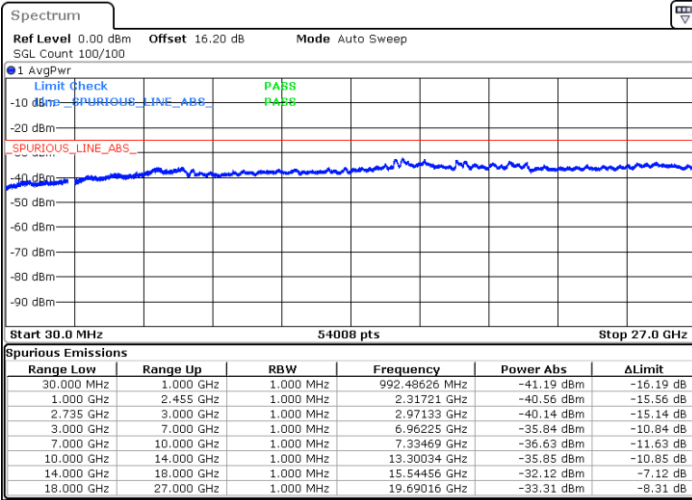


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

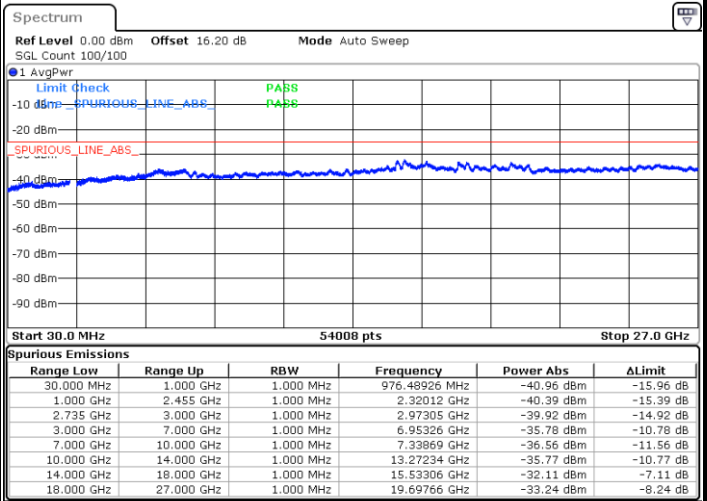
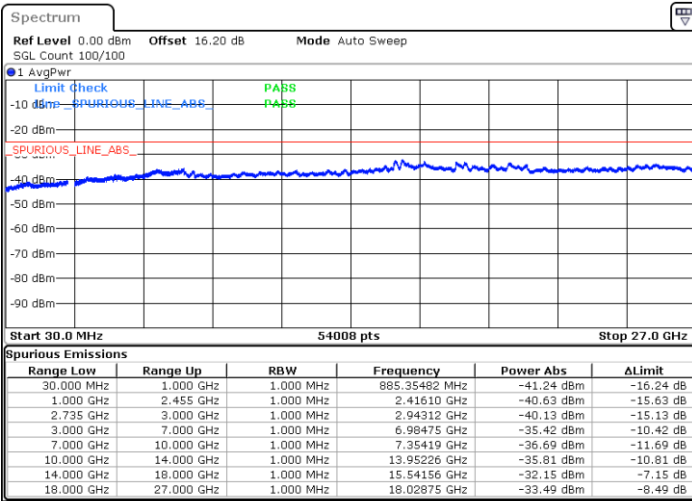


Date: 1.APR.2024 13:59:30

Date: 1.APR.2024 14:05:06

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 1.APR.2024 14:10:03

Date: 1.APR.2024 14:08:58

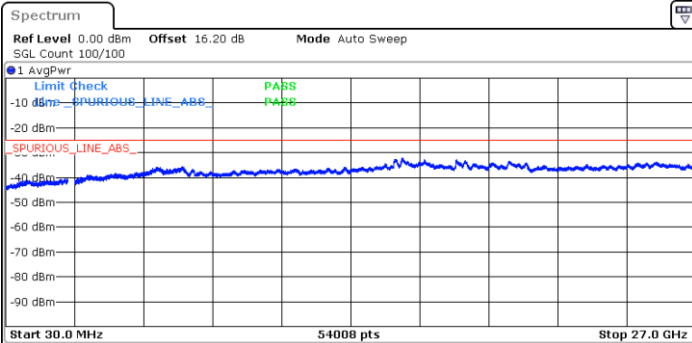


LTE Band 41C / 10MHz+20MHz

QPSK

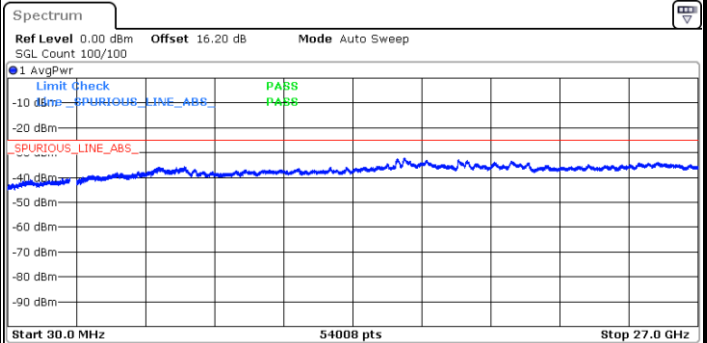
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-41.13 dBm	-16.13 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.41828 GHz	-40.43 dBm	-15.43 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96934 GHz	-39.95 dBm	-14.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93276 GHz	-35.65 dBm	-10.65 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35019 GHz	-36.71 dBm	-11.71 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93376 GHz	-35.77 dBm	-10.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54356 GHz	-32.08 dBm	-7.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70916 GHz	-33.32 dBm	-8.32 dB

Date: 1.APR.2024 13:46:21



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-40.95 dBm	-15.95 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44082 GHz	-40.27 dBm	-15.27 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96656 GHz	-39.83 dBm	-14.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91526 GHz	-35.62 dBm	-10.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.35069 GHz	-36.59 dBm	-11.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.94776 GHz	-35.83 dBm	-10.83 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.53806 GHz	-32.13 dBm	-7.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72015 GHz	-33.31 dBm	-8.31 dB

Date: 1.APR.2024 13:51:57

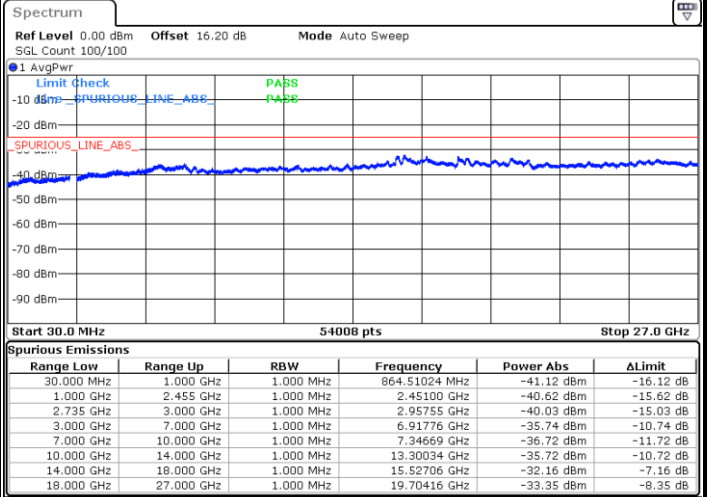
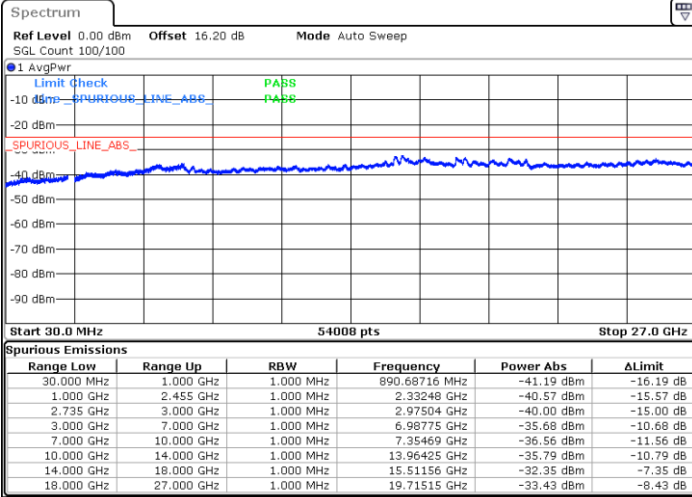


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0

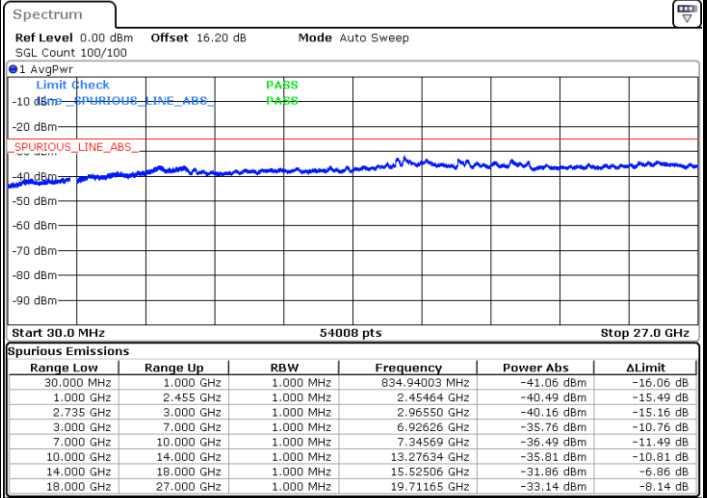
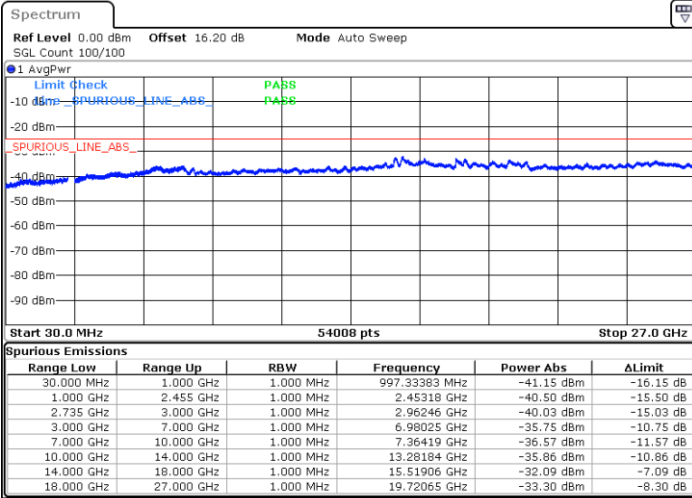


Date: 1.APR.2024 14:14:58

Date: 1.APR.2024 14:20:34

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 1.APR.2024 14:38:40

Date: 1.APR.2024 14:37:35

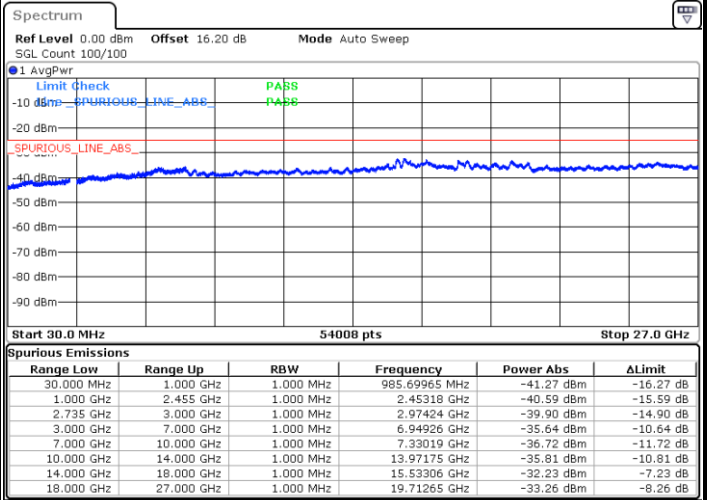
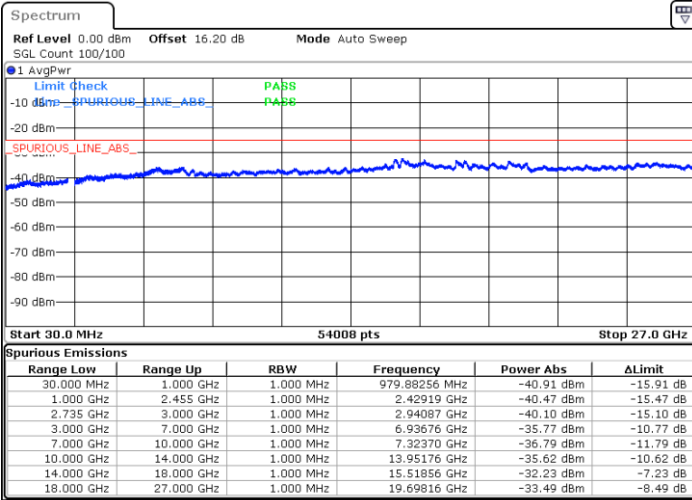


LTE Band 41C / 15MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 1.APR.2024 14:28:07

Date: 1.APR.2024 14:33:43

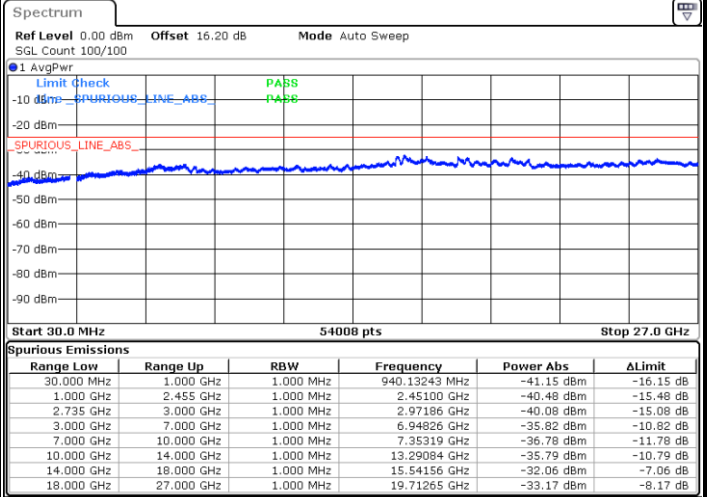
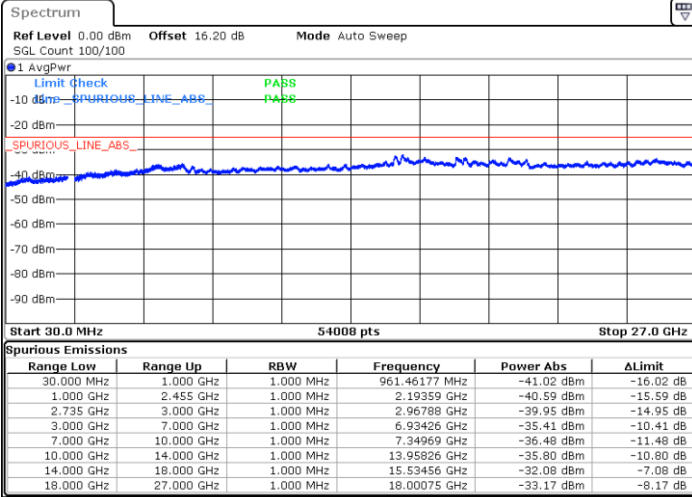


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

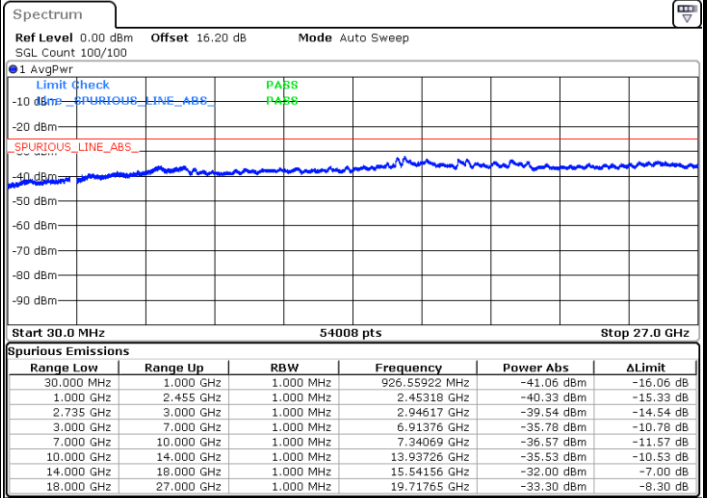
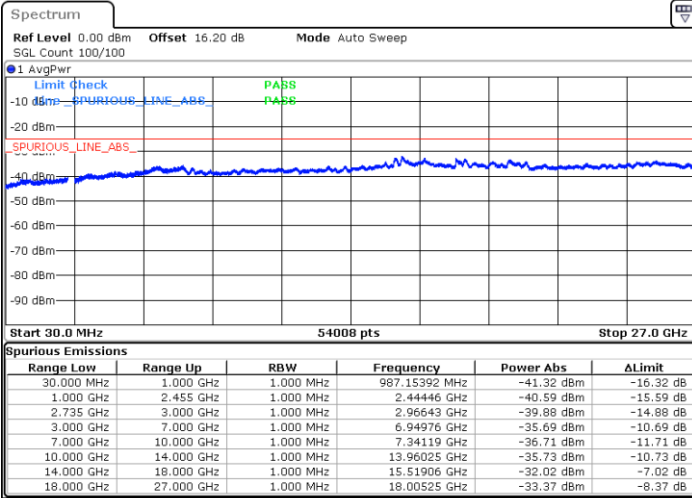


Date: 1.APR.2024 14:43:29

Date: 1.APR.2024 14:49:05

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 1.APR.2024 15:07:10

Date: 1.APR.2024 15:06:06

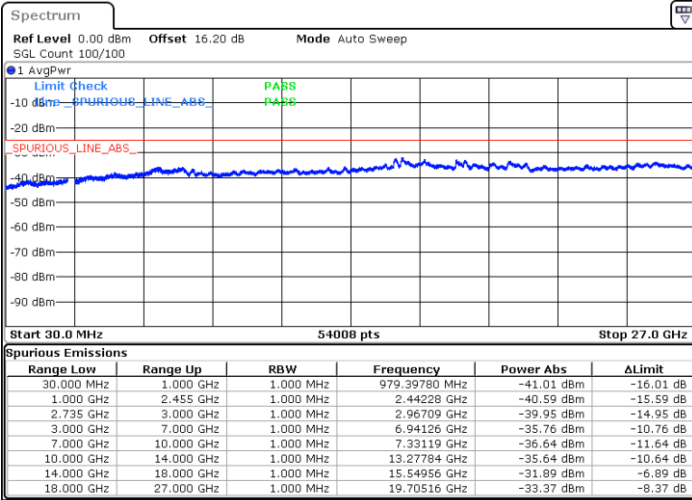


LTE Band 41C / 15MHz+15MHz

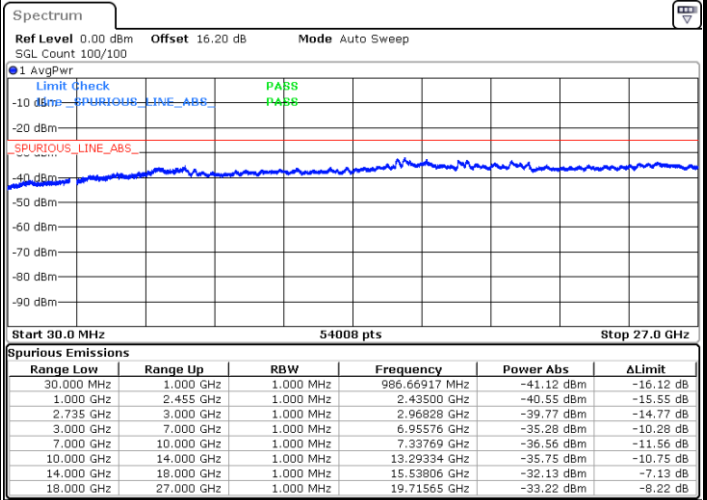
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 1.APR.2024 14:56:38



Date: 1.APR.2024 15:02:14

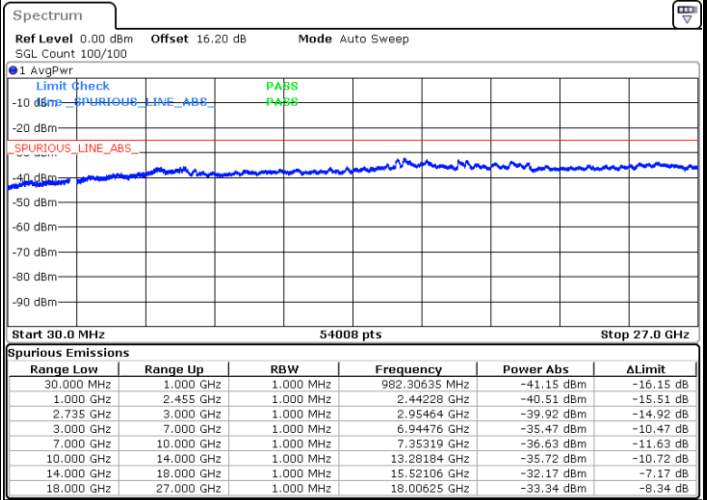
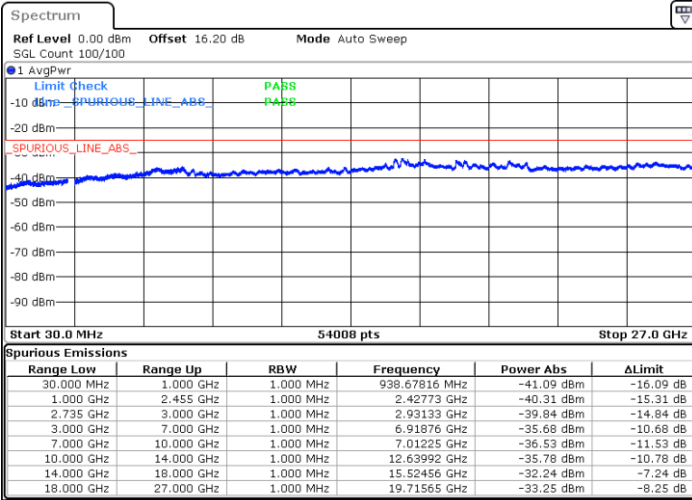


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

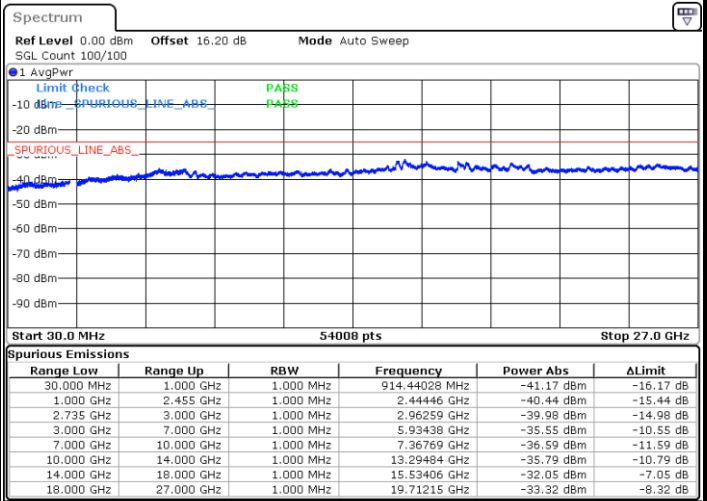
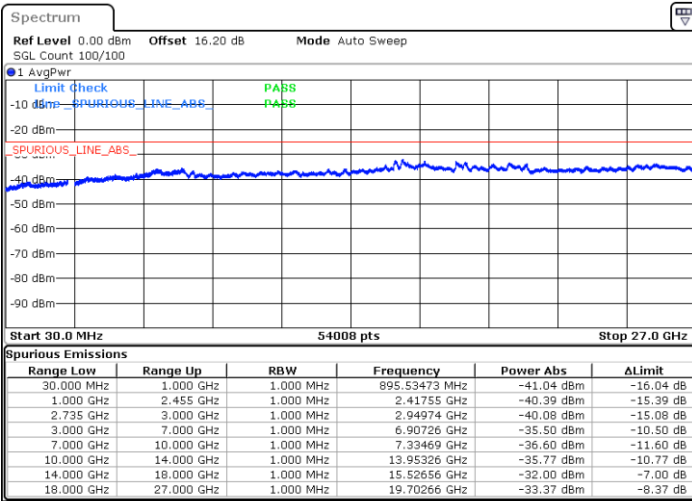


Date: 1.APR.2024 15:11:59

Date: 1.APR.2024 15:17:35

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 1.APR.2024 15:35:41

Date: 1.APR.2024 15:34:36

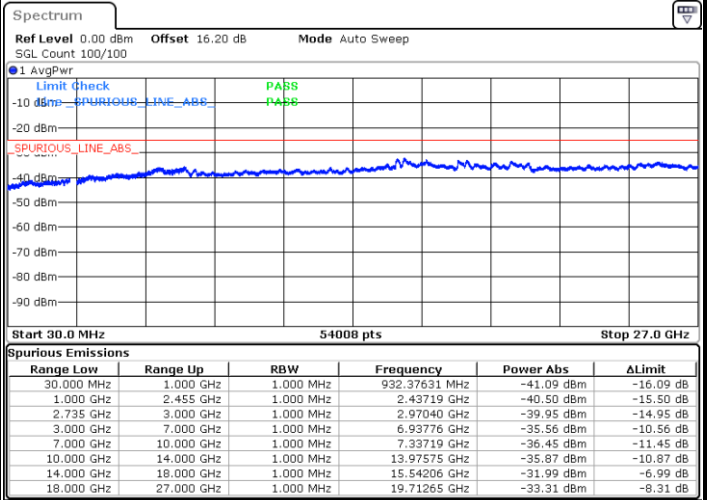
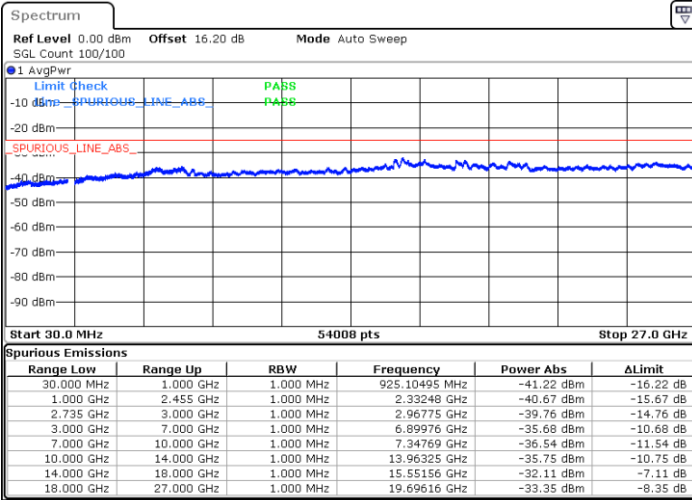


LTE Band 41C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 1.APR.2024 15:25:08

Date: 1.APR.2024 15:30:44



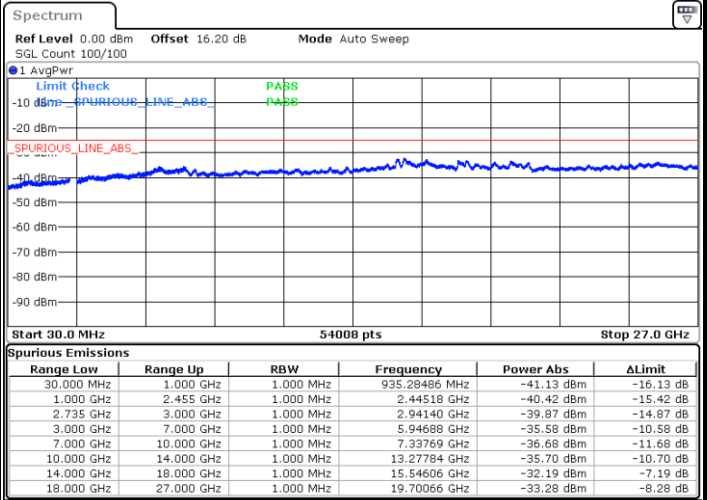
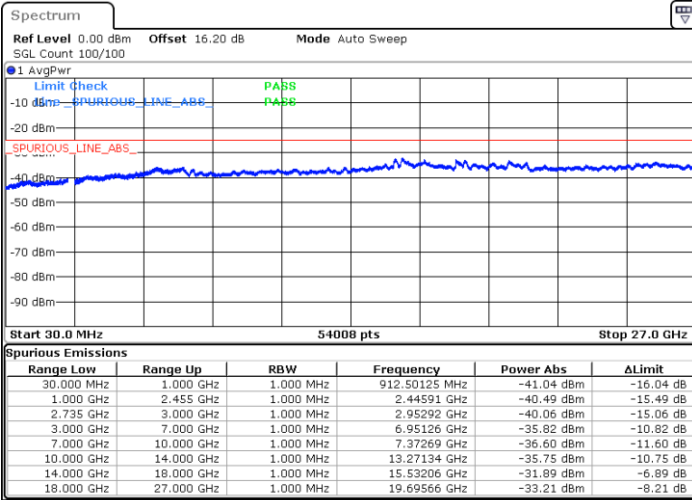


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

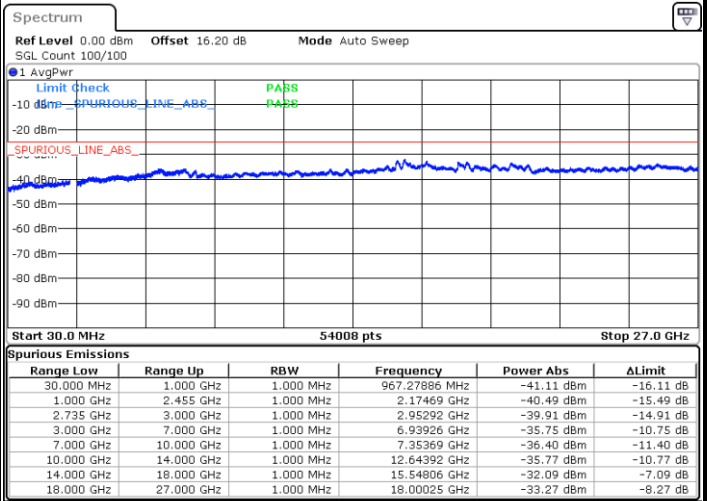
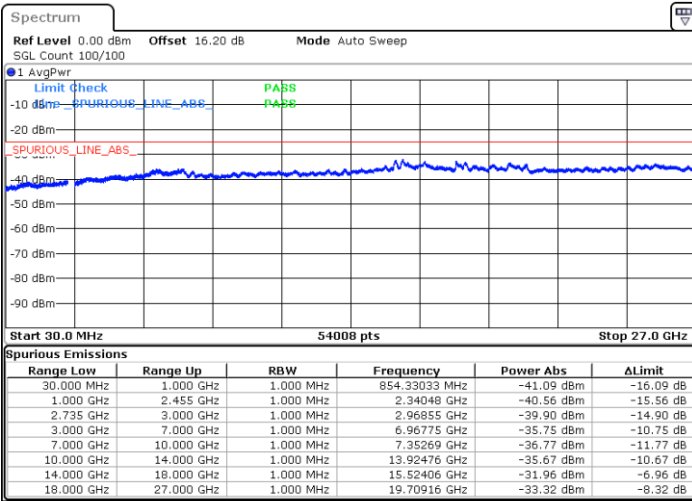


Date: 1.APR.2024 15:40:35

Date: 1.APR.2024 15:47:10

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 1.APR.2024 16:09:08

Date: 1.APR.2024 16:08:03

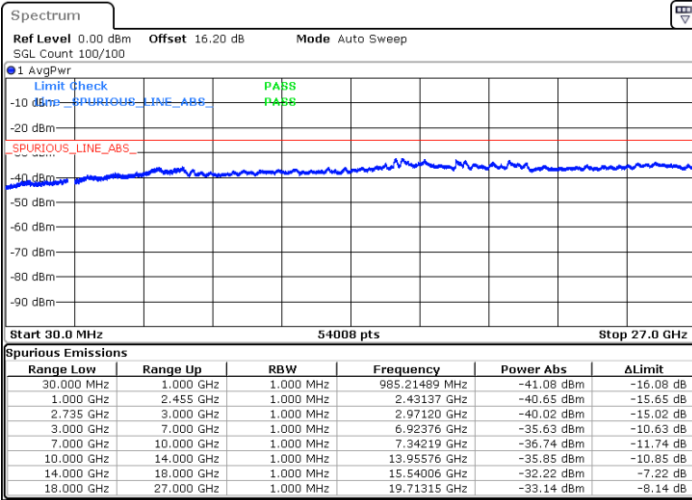


LTE Band 41C / 20MHz+5MHz

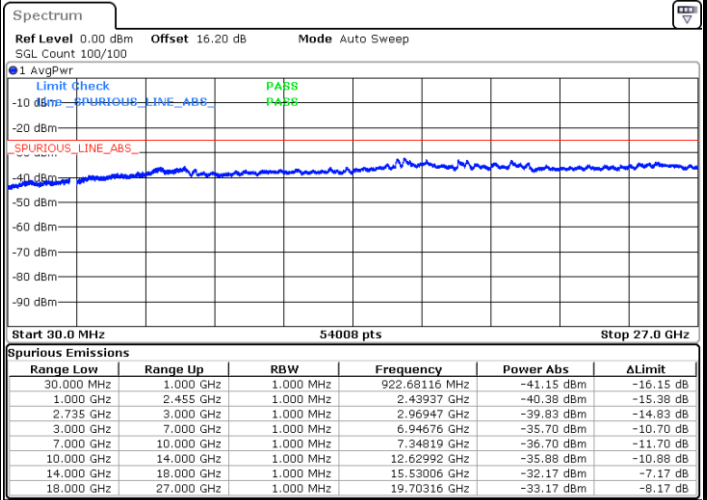
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 1.APR.2024 15:54:43



Date: 1.APR.2024 16:02:15

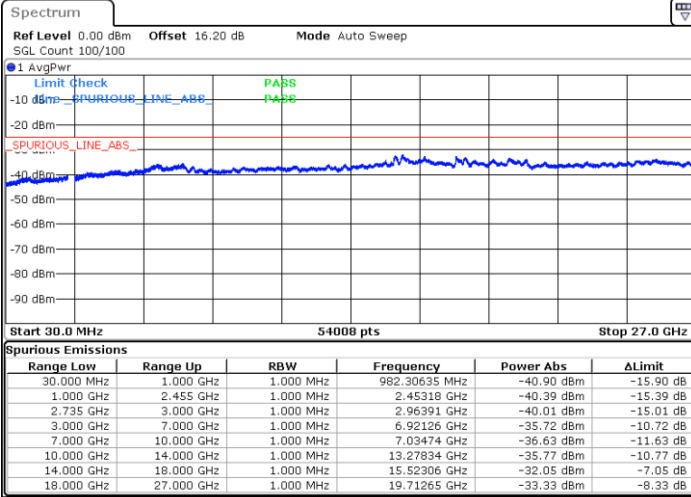


LTE Band 41C / 20MHz+10MHz

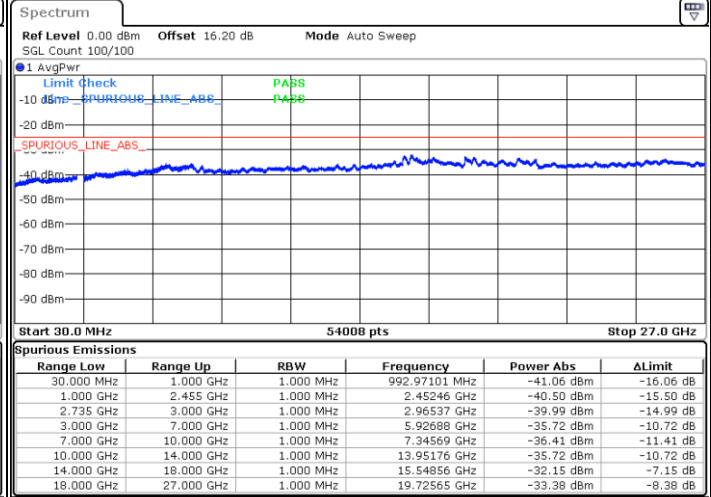
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



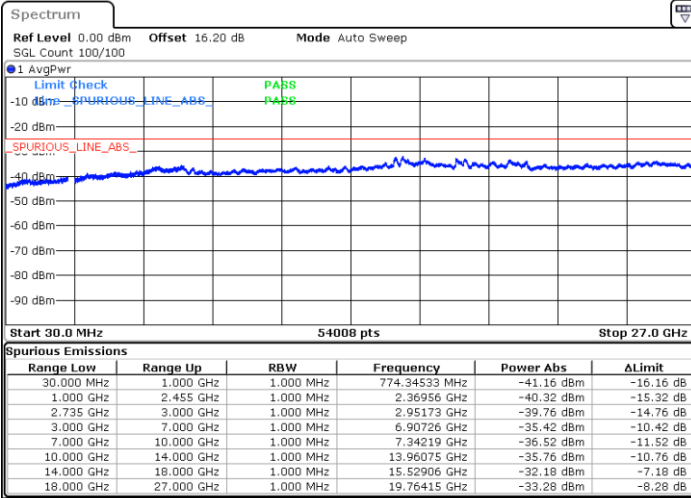
Date: 1.APR.2024 16:13:56



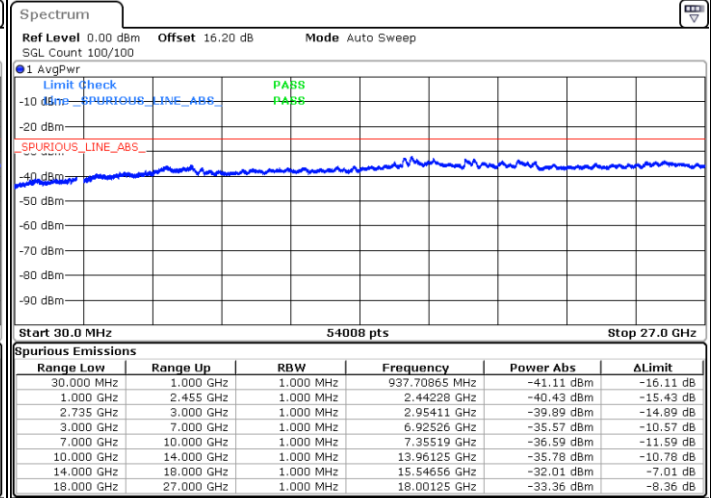
Date: 1.APR.2024 16:19:32

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 1.APR.2024 16:37:37



Date: 1.APR.2024 16:36:33

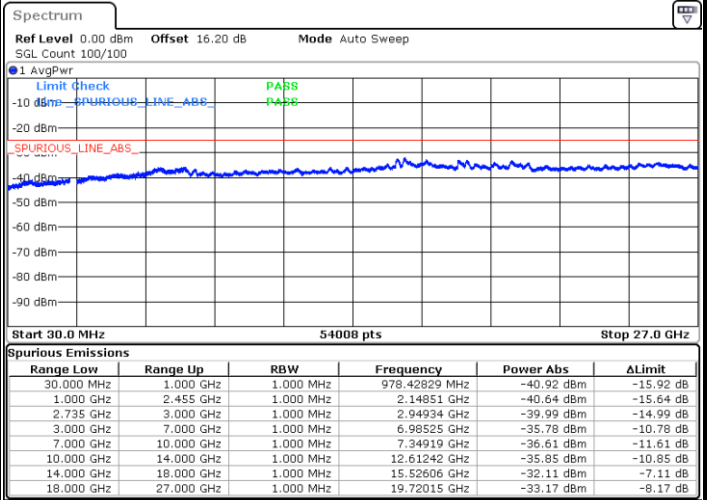
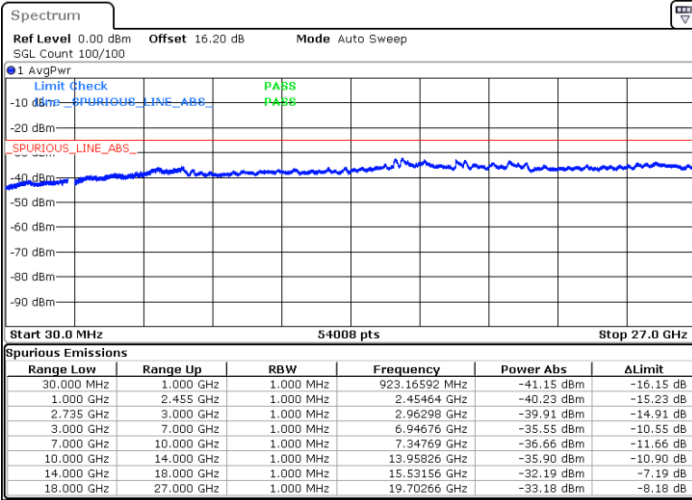


LTE Band 41C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 1.APR.2024 16:27:05

Date: 1.APR.2024 16:32:41

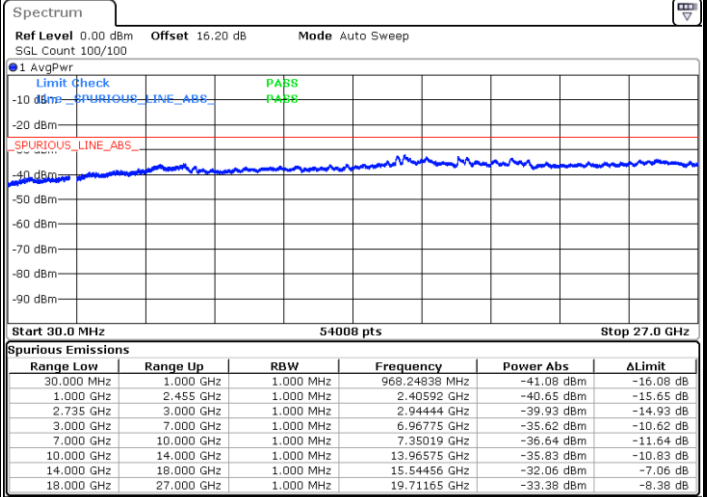
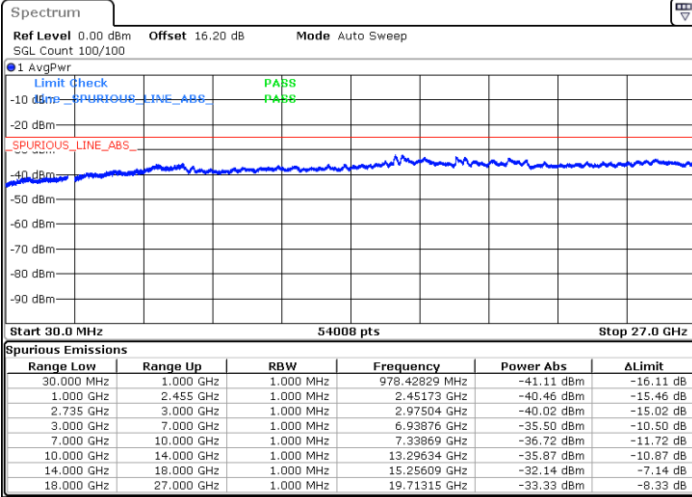


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

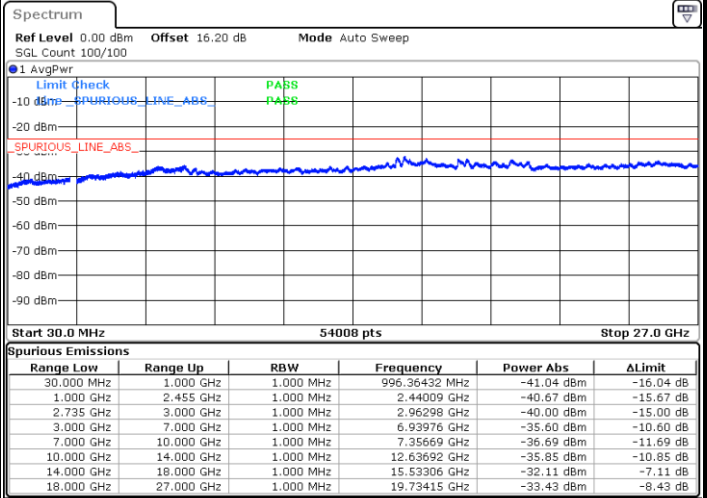
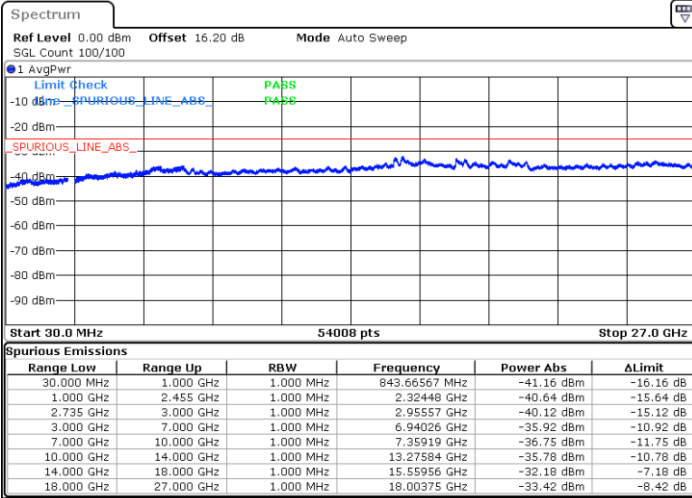


Date: 1.APR.2024 16:42:26

Date: 1.APR.2024 16:48:02

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 1.APR.2024 17:06:06

Date: 1.APR.2024 17:05:02

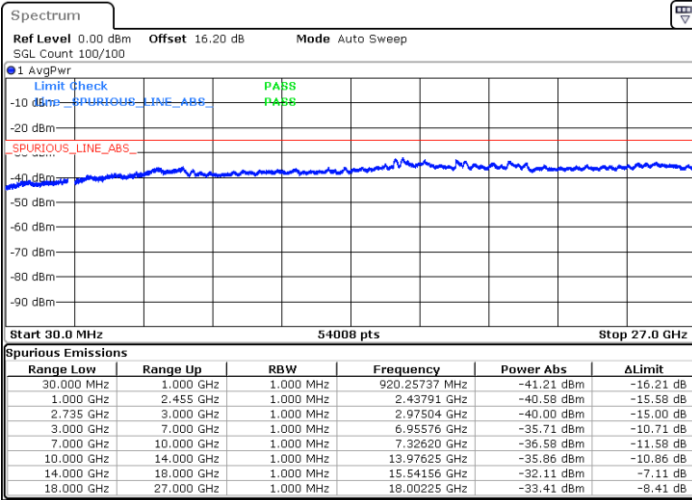


LTE Band 41C / 20MHz+15MHz

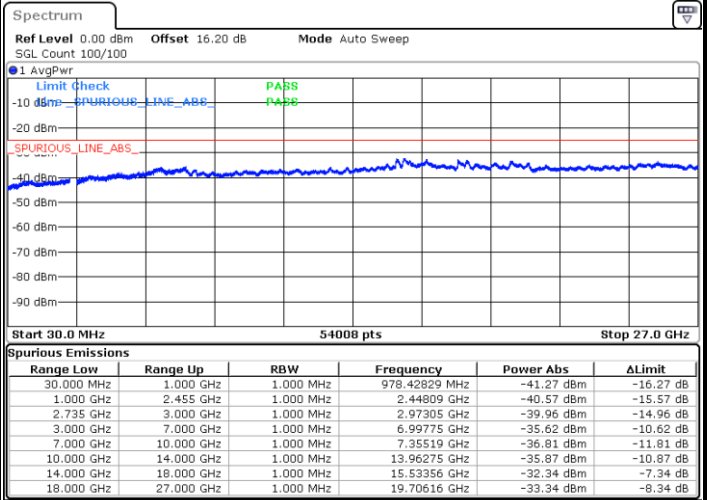
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 1.APR.2024 16:55:34



Date: 1.APR.2024 17:01:10

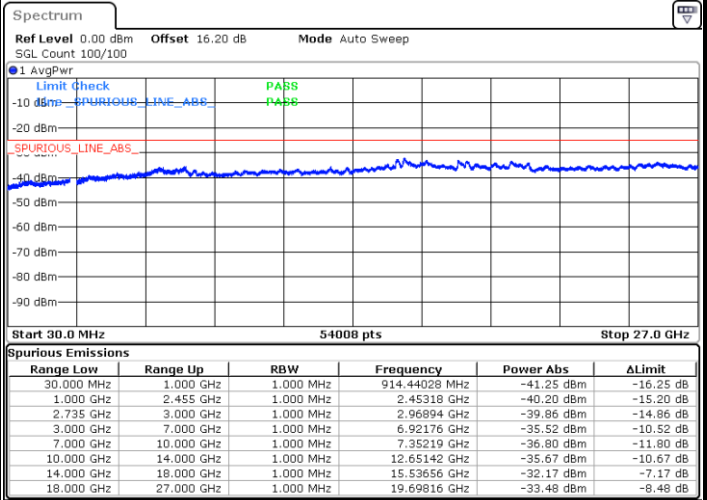
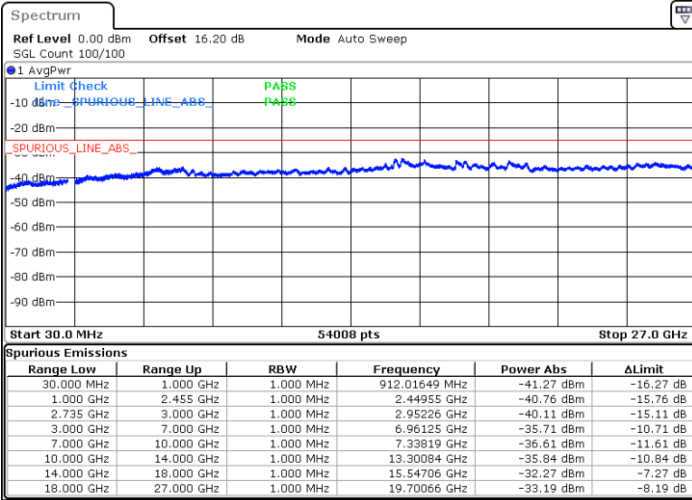


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

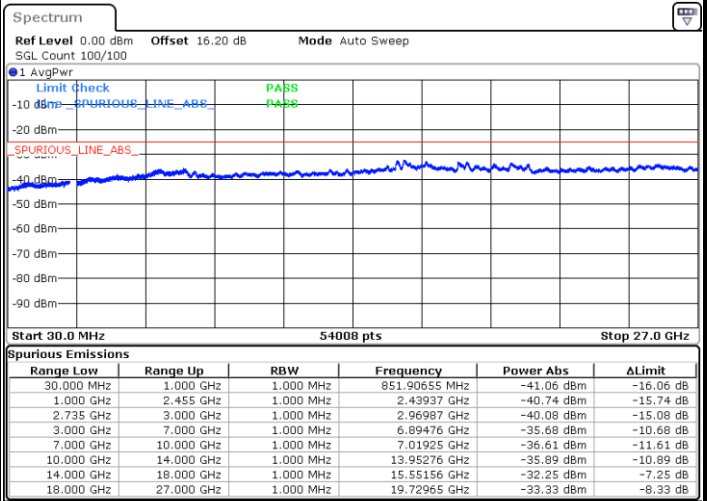
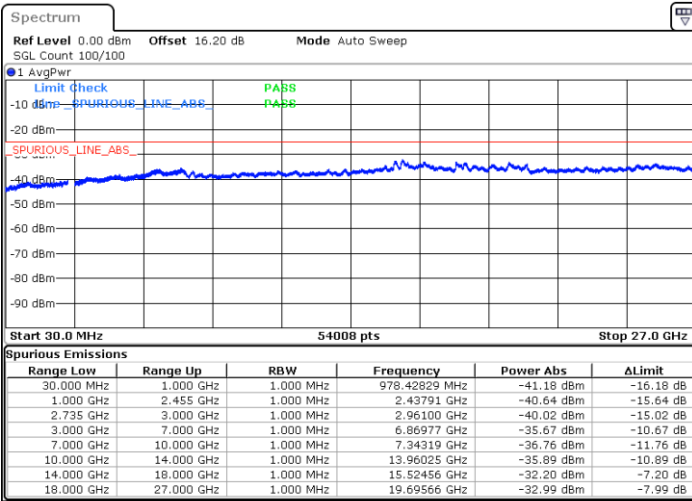


Date: 1.APR.2024 17:10:55

Date: 1.APR.2024 17:16:31

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 1.APR.2024 17:34:36

Date: 1.APR.2024 17:33:32

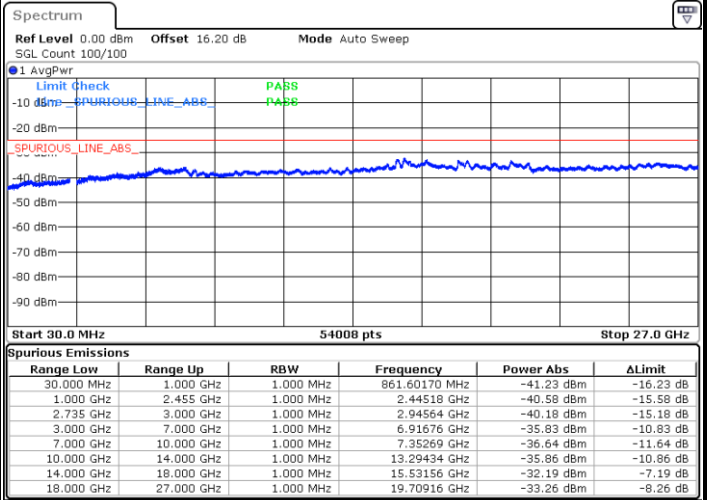
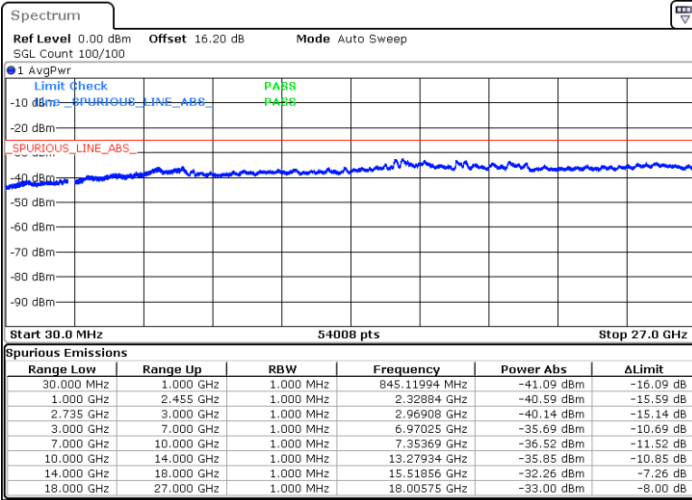


LTE Band 41C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 1.APR.2024 17:24:04

Date: 1.APR.2024 17:29:40

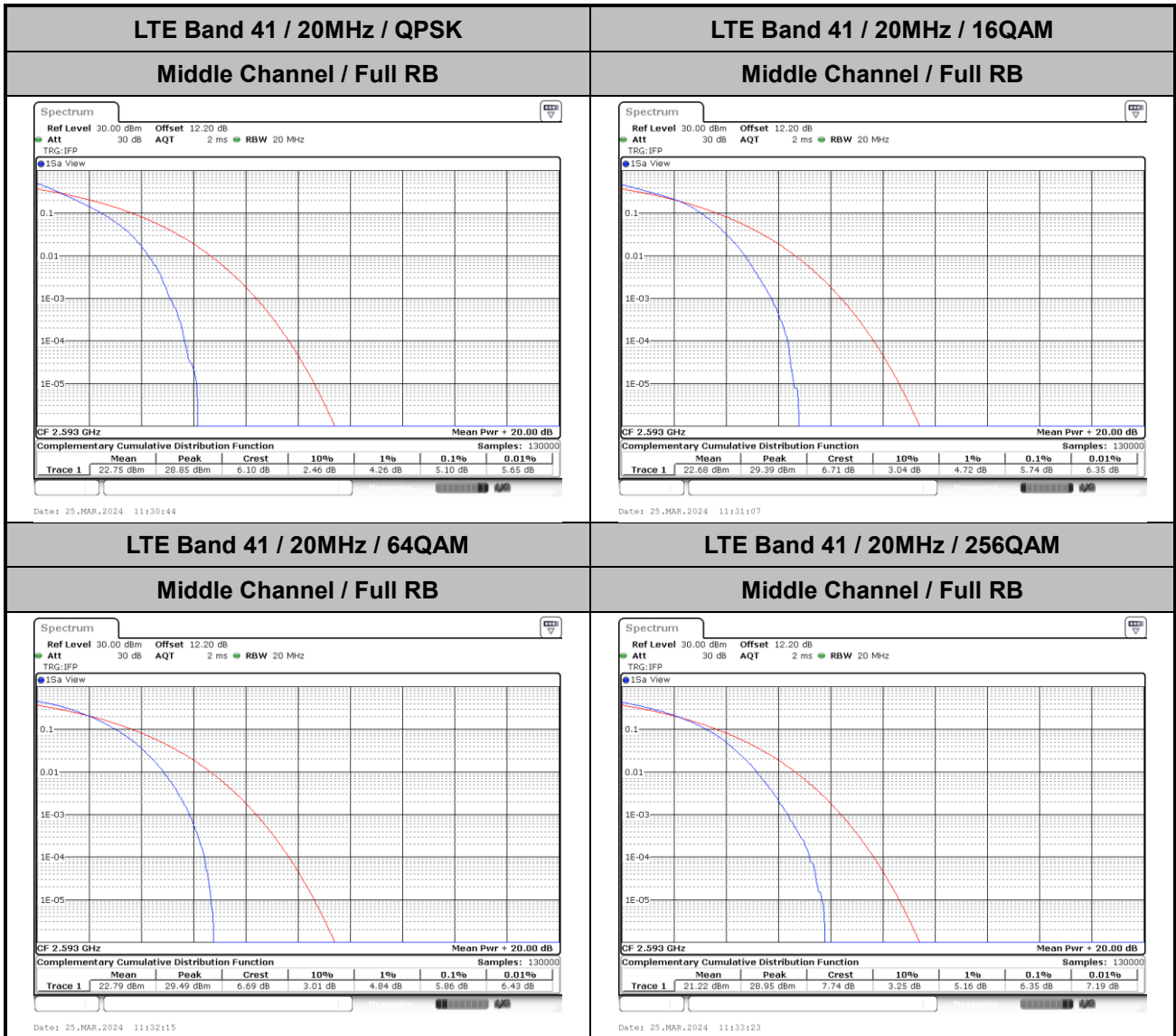




## LTE Band 41 HPUE

### Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	5.74	5.86	6.35	PASS





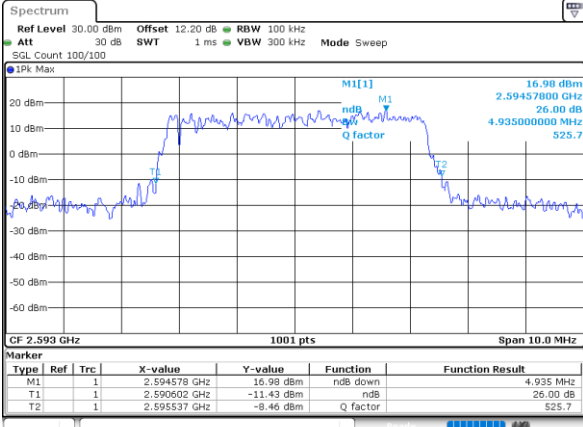
**26dB Bandwidth**

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.93	4.97	9.65	9.71	14.41	14.44	18.78	18.86
Mode	LTE Band 41 : 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	-	-	-	-	4.70	4.88	9.91	9.75	14.26	14.23	18.86	19.18



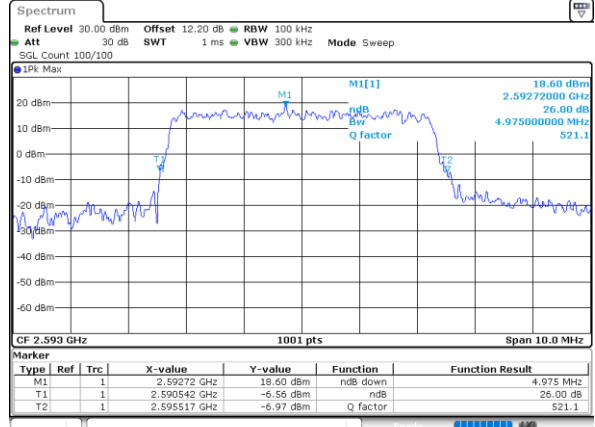
LTE Band 41

Middle Channel / 5MHz / QPSK



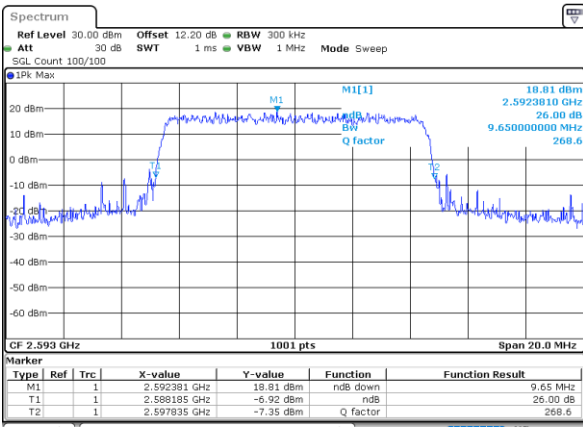
Date: 25\_MAR\_2024 10:26:16

Middle Channel / 5MHz / 16QAM



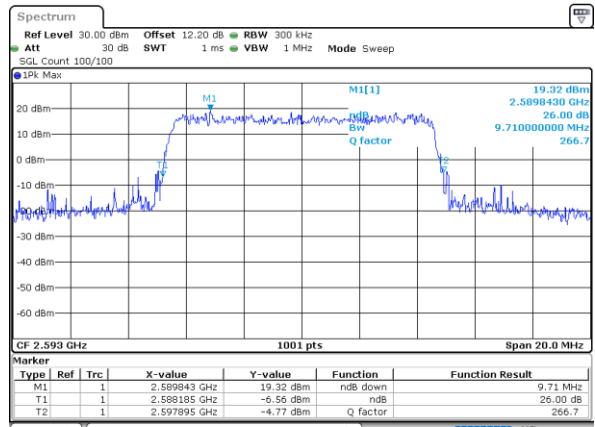
Date: 25\_MAR\_2024 10:27:00

Middle Channel / 10MHz / QPSK



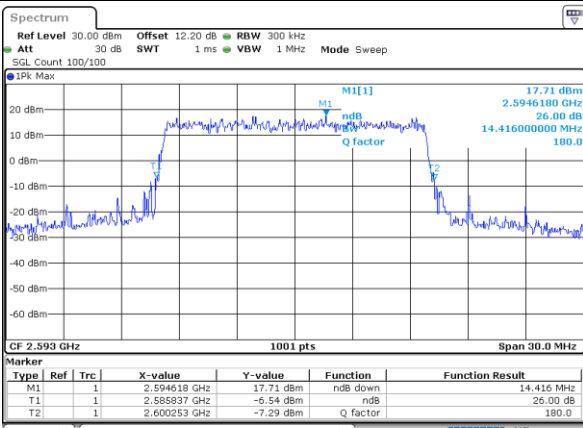
Date: 25\_MAR\_2024 10:50:07

Middle Channel / 10MHz / 16QAM



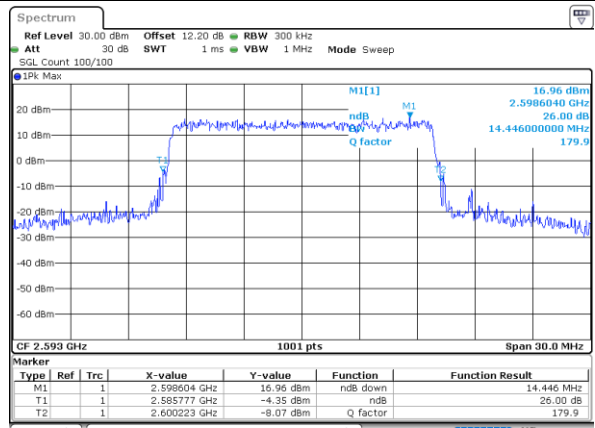
Date: 25\_MAR\_2024 10:50:52

Middle Channel / 15MHz / QPSK



Date: 25\_MAR\_2024 11:13:49

Middle Channel / 15MHz / 16QAM

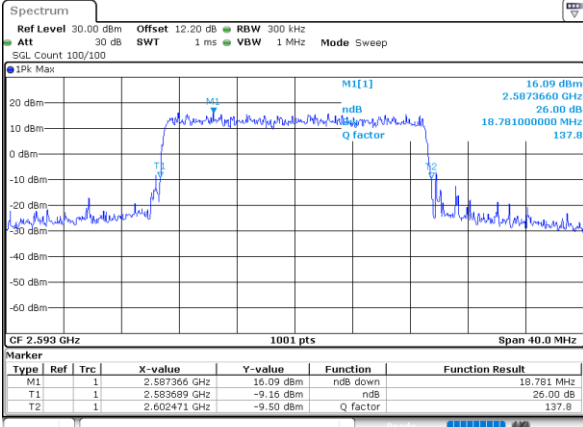


Date: 25\_MAR\_2024 11:14:34



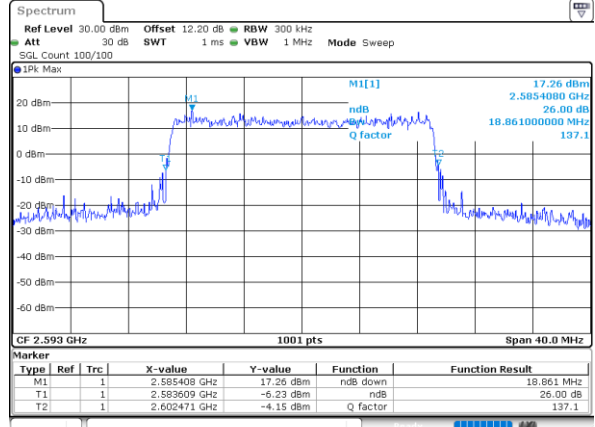
LTE Band 41

Middle Channel / 20MHz / QPSK



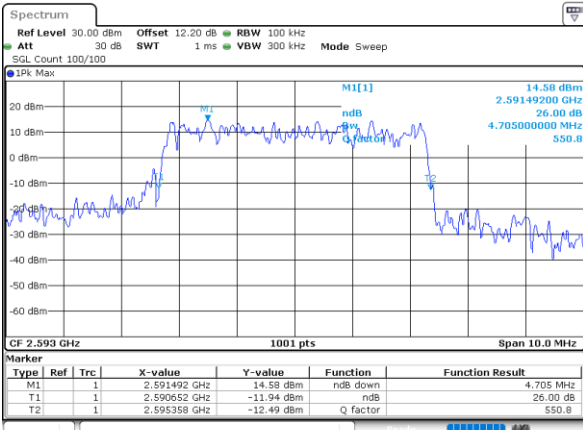
Date: 25\_MAR\_2024 11:30:20

Middle Channel / 20MHz / 16QAM



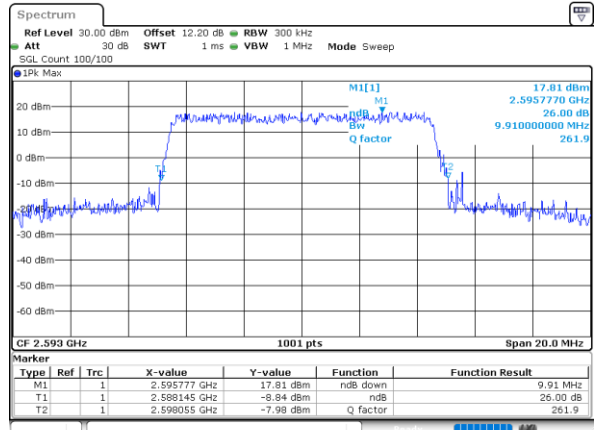
Date: 25\_MAR\_2024 11:31:52

Middle Channel / 5MHz / 64QAM



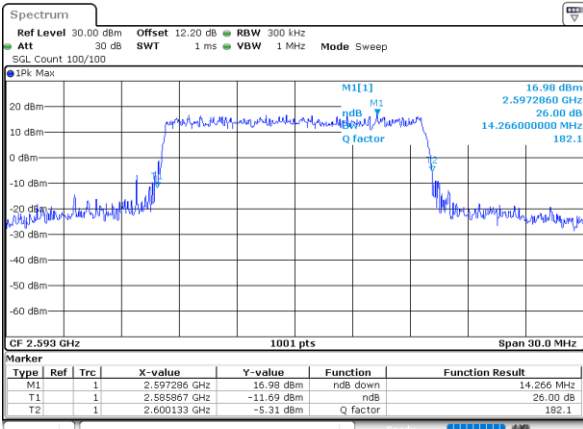
Date: 25\_MAR\_2024 14:01:06

Middle Channel / 10MHz / 64QAM



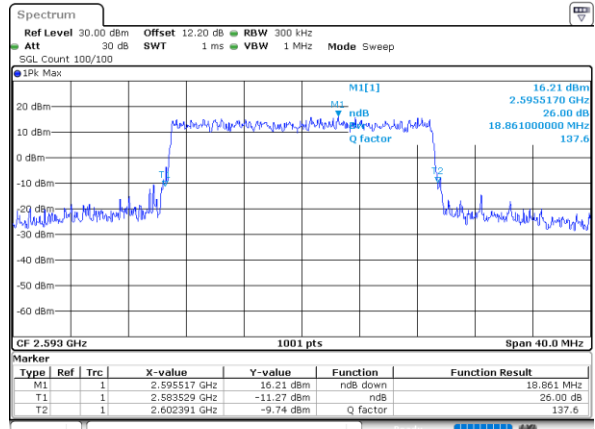
Date: 25\_MAR\_2024 10:51:36

Middle Channel / 15MHz / 64QAM



Date: 25\_MAR\_2024 11:15:18

Middle Channel / 20MHz / 64QAM

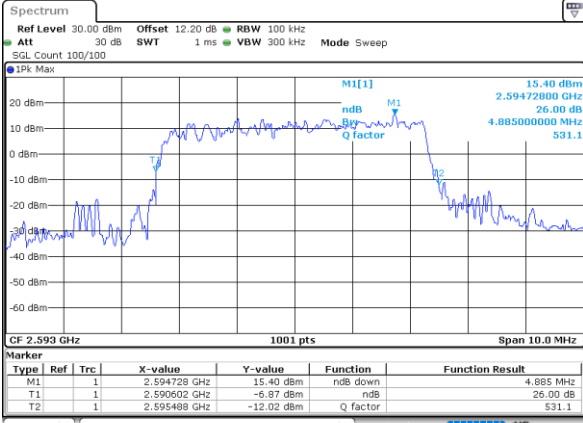


Date: 25\_MAR\_2024 11:33:00



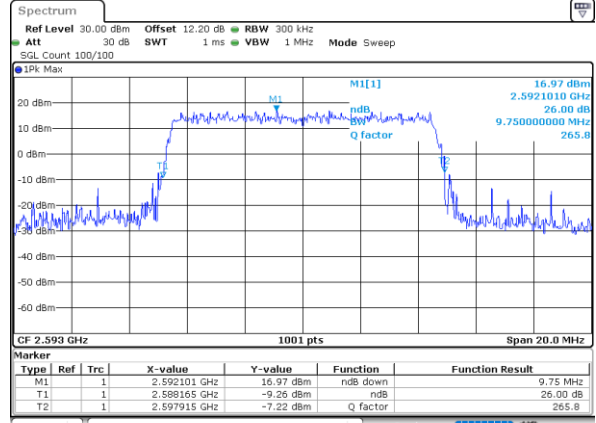
LTE Band 41

Middle Channel / 5MHz / 256QAM



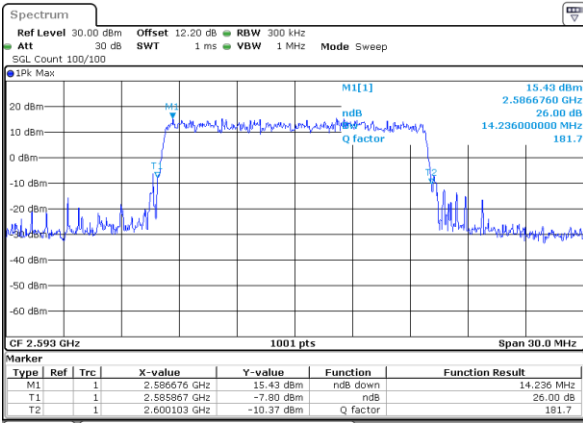
Date: 25.MAR.2024 10:28:29

Middle Channel / 10MHz / 256QAM



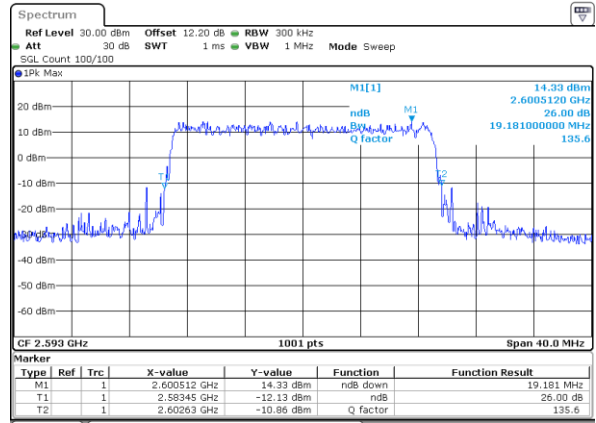
Date: 25.MAR.2024 10:52:21

Middle Channel / 15MHz / 256QAM



Date: 25.MAR.2024 11:16:03

Middle Channel / 20MHz / 256QAM



Date: 25.MAR.2024 11:34:08



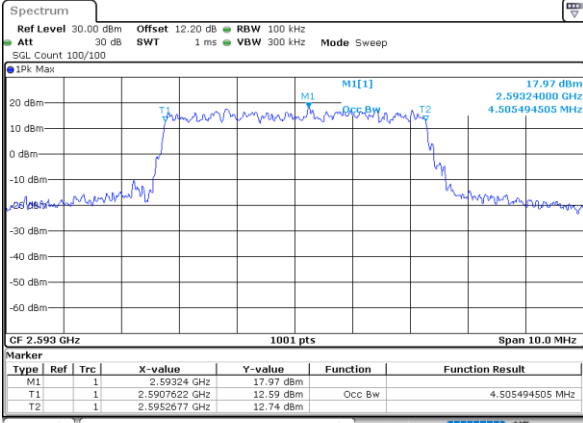
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	9.05	9.11	13.42	13.45	17.86	17.90
Mode	LTE Band 41 : 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	-	-	-	-	4.47	4.48	9.05	9.01	13.48	13.45	17.98	17.90



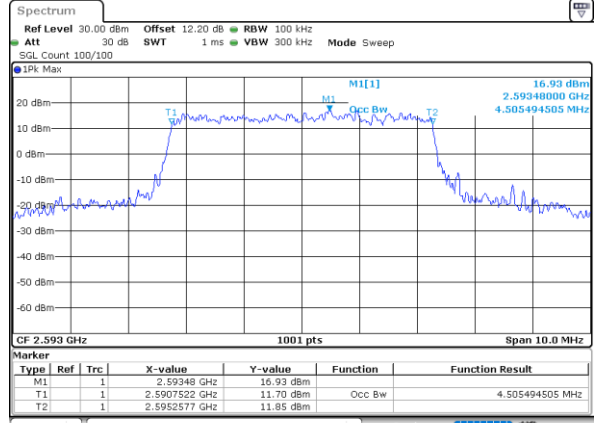
LTE Band 41

Middle Channel / 5MHz / QPSK



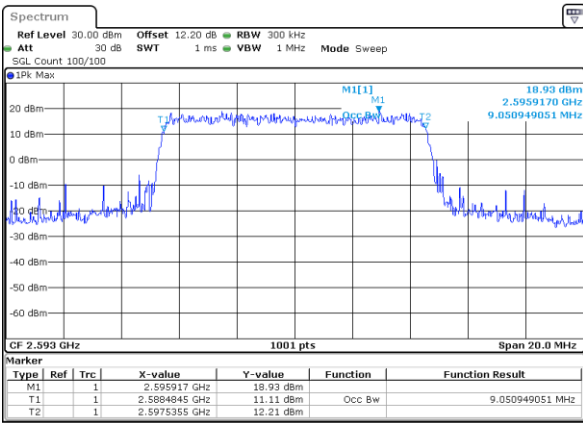
Date: 25\_MAR\_2024 10:25:53

Middle Channel / 5MHz / 16QAM



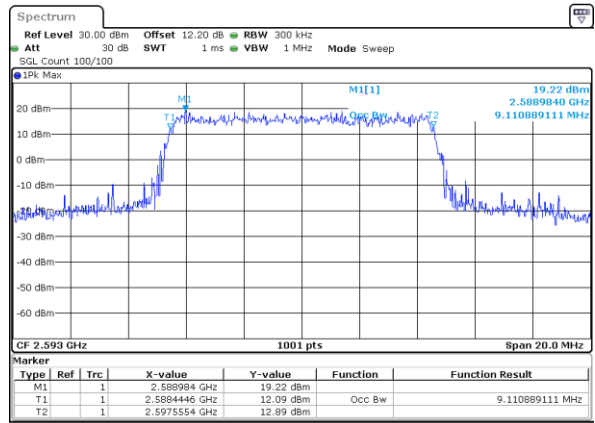
Date: 25\_MAR\_2024 10:26:38

Middle Channel / 10MHz / QPSK



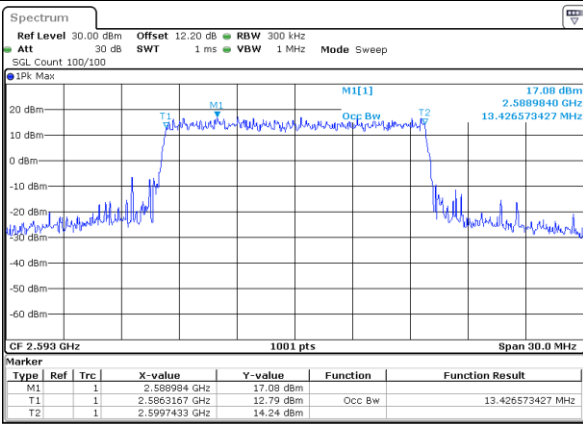
Date: 25\_MAR\_2024 10:49:45

Middle Channel / 10MHz / 16QAM



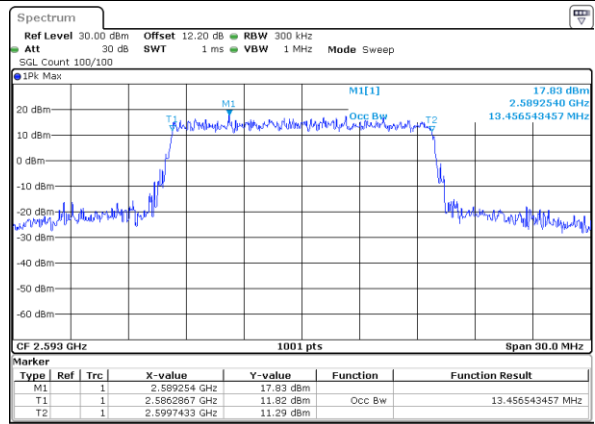
Date: 25\_MAR\_2024 10:50:29

Middle Channel / 15MHz / QPSK



Date: 25\_MAR\_2024 11:13:27

Middle Channel / 15MHz / 16QAM



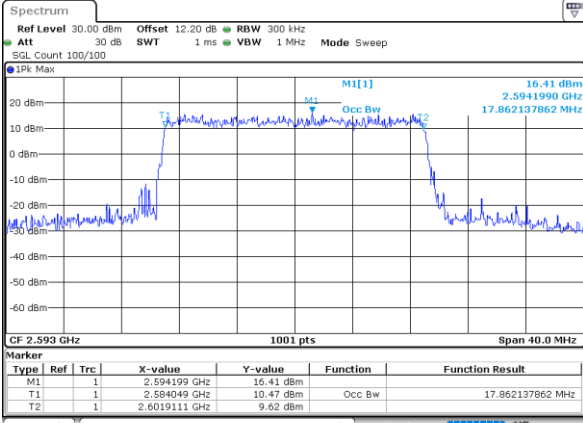
Date: 25\_MAR\_2024 11:14:11





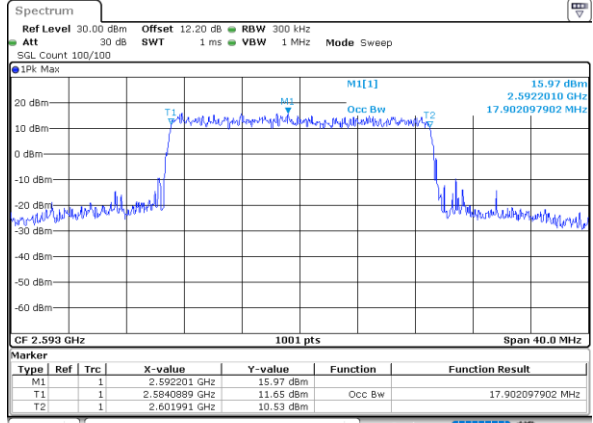
LTE Band 41

Middle Channel / 20MHz / QPSK



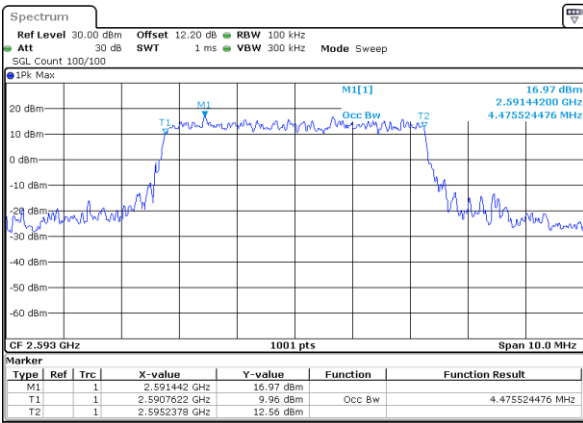
Date: 25\_MAR\_2024 11:29:50

Middle Channel / 20MHz / 16QAM



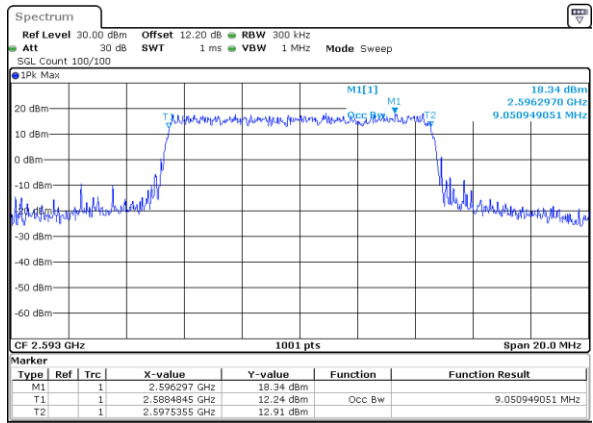
Date: 25\_MAR\_2024 11:31:30

Middle Channel / 5MHz / 64QAM



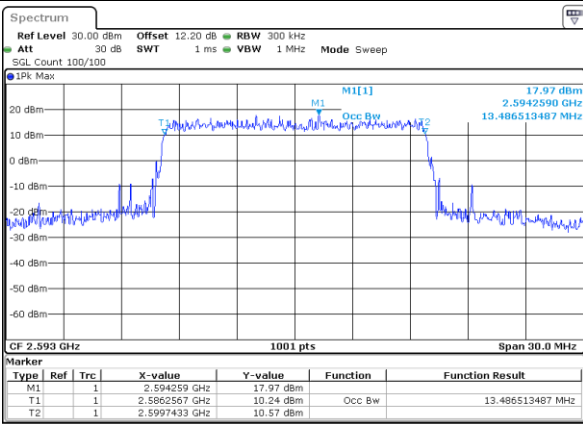
Date: 25\_MAR\_2024 10:27:23

Middle Channel / 10MHz / 64QAM



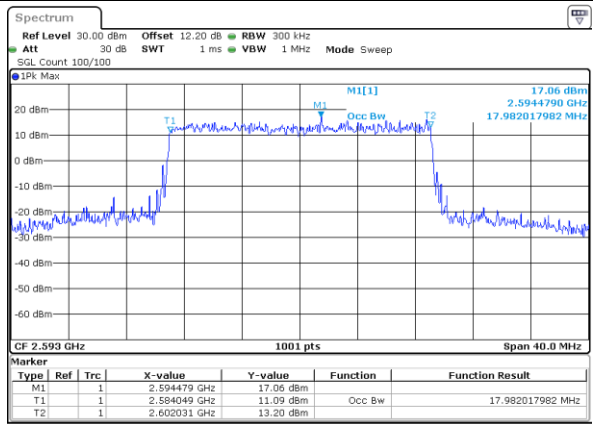
Date: 25\_MAR\_2024 10:51:14

Middle Channel / 15MHz / 64QAM



Date: 25\_MAR\_2024 11:14:56

Middle Channel / 20MHz / 64QAM

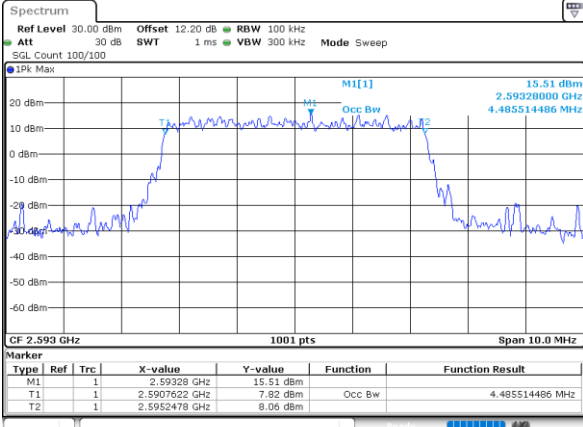


Date: 25\_MAR\_2024 11:32:38



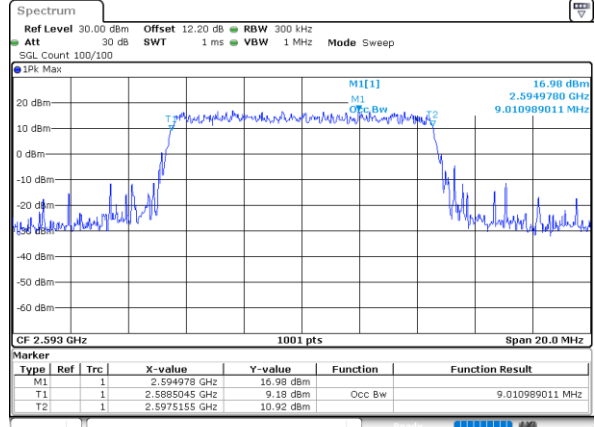
LTE Band 41

Middle Channel / 5MHz / 256QAM



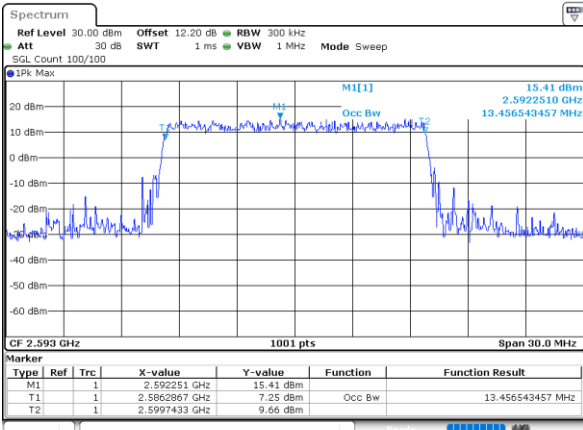
Date: 25.MAR.2024 10:28:07

Middle Channel / 10MHz / 256QAM



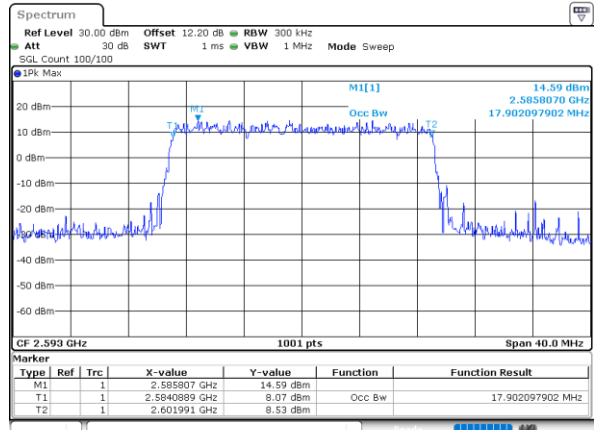
Date: 25.MAR.2024 10:51:59

Middle Channel / 15MHz / 256QAM



Date: 25.MAR.2024 11:15:41

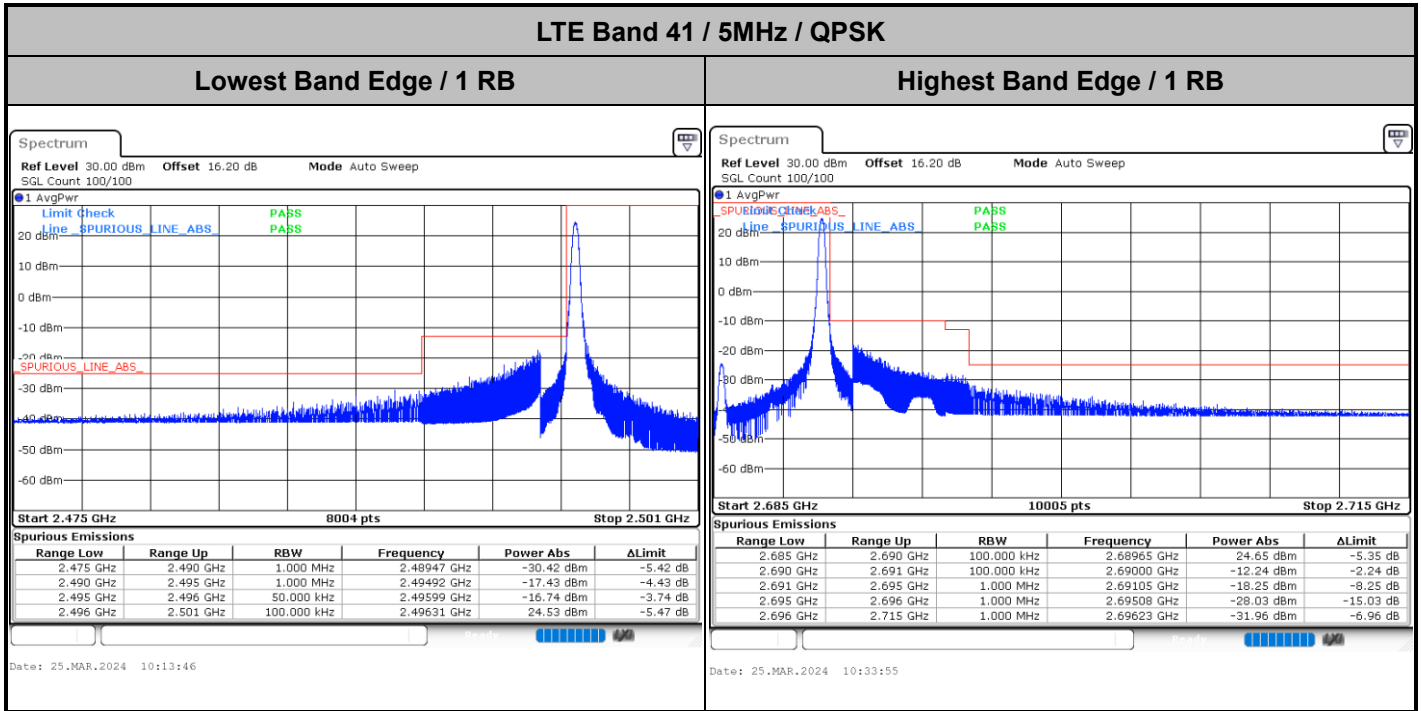
Middle Channel / 20MHz / 256QAM



Date: 25.MAR.2024 11:33:46



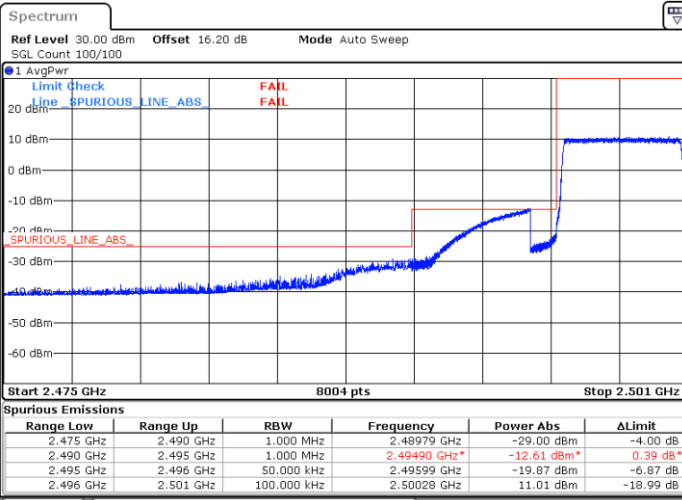
# Conducted Band Edge





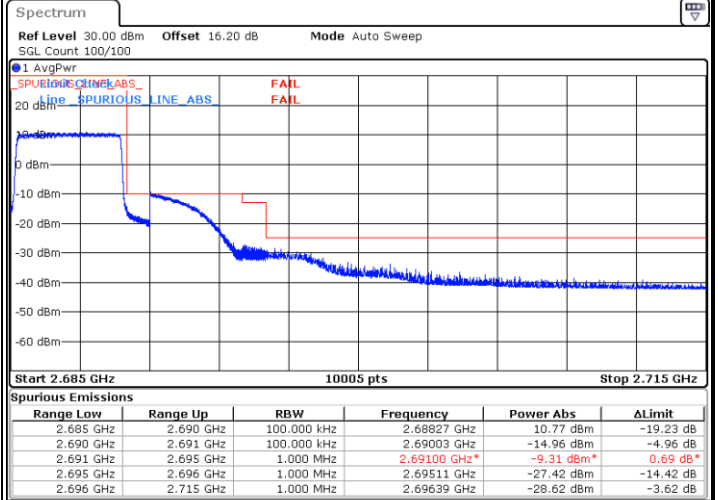
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / Full RB



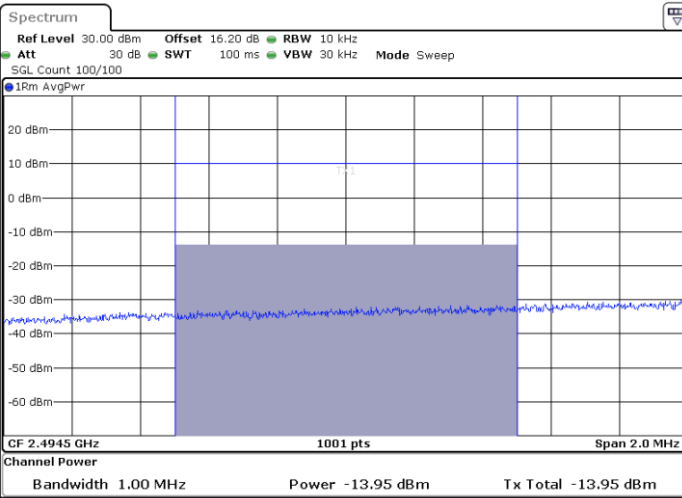
Date: 25.MAR.2024 10:20:55

Highest Band Edge / Full RB



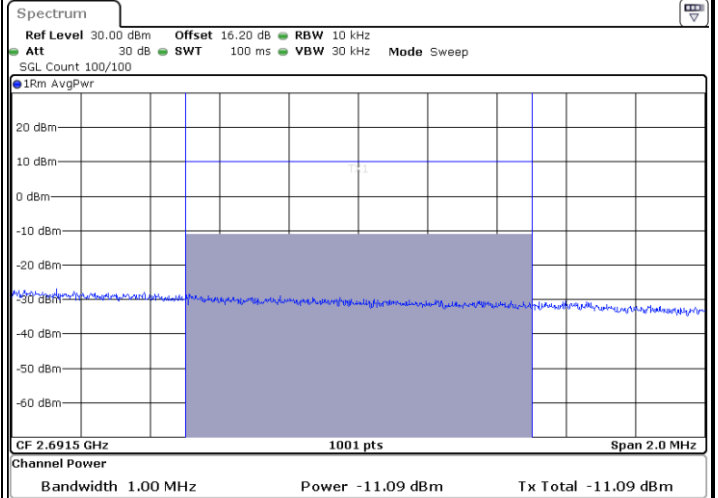
Date: 25.MAR.2024 10:29:33

Verify Channel Power



Date: 25.MAR.2024 14:53:28

Verify Channel Power

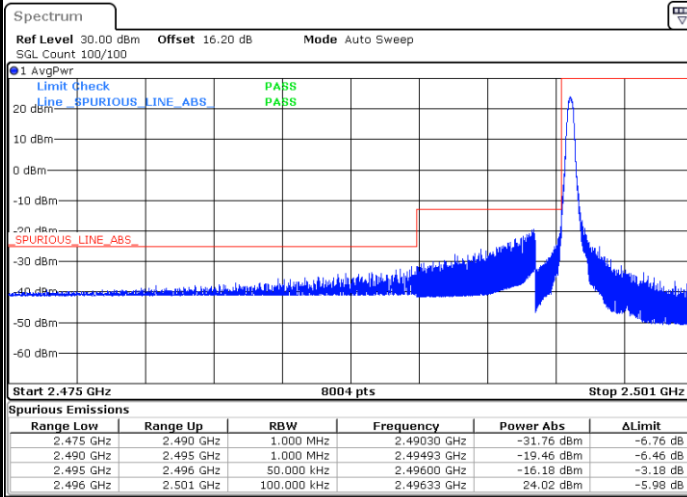


Date: 25.MAR.2024 14:42:53



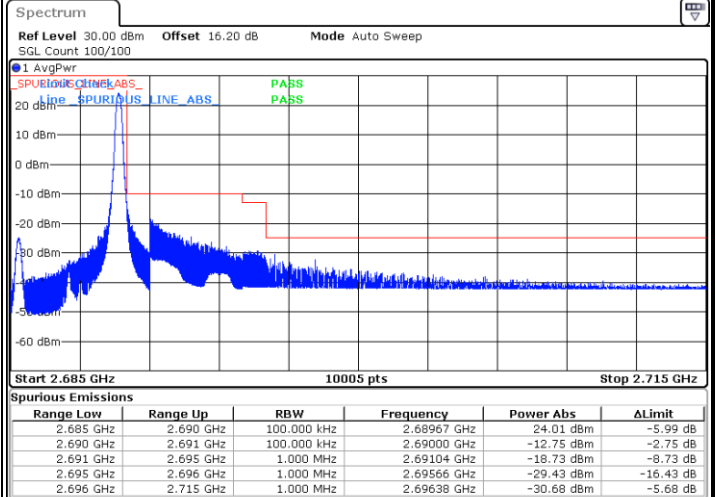
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



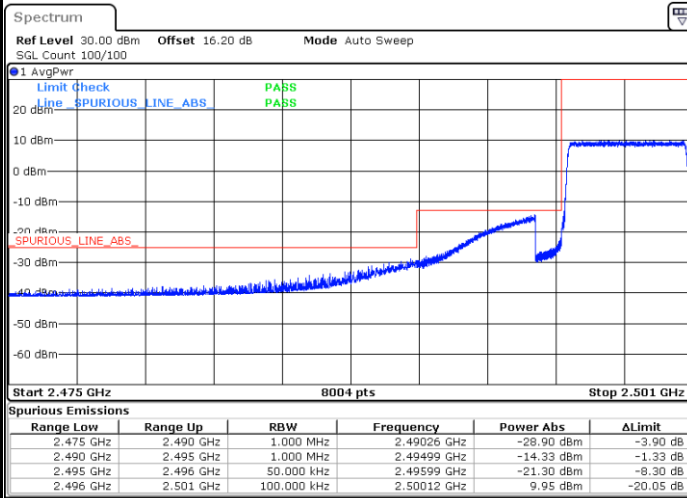
Date: 25.MAR.2024 10:14:38

Highest Band Edge / 1 RB



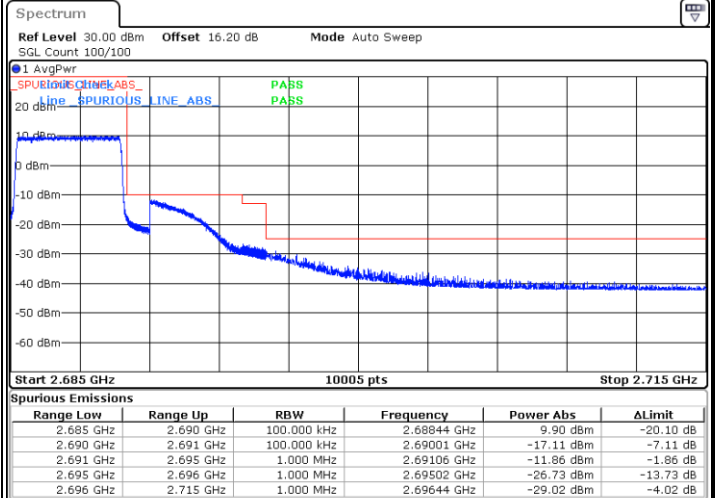
Date: 25.MAR.2024 10:35:00

Lowest Band Edge / Full RB



Date: 25.MAR.2024 10:21:48

Highest Band Edge / Full RB



Date: 25.MAR.2024 10:30:38