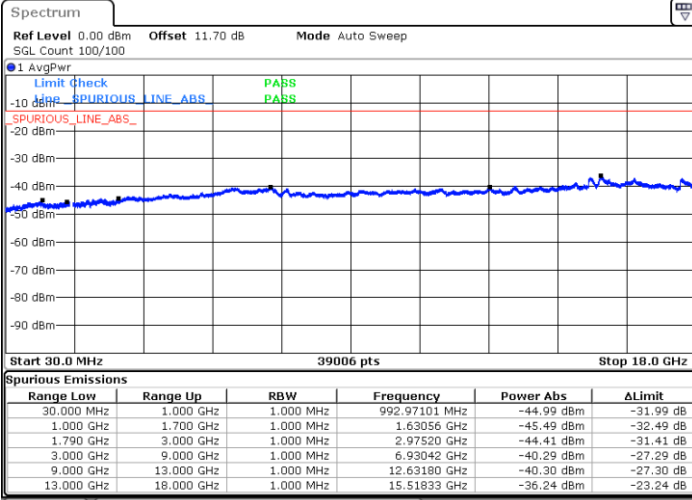




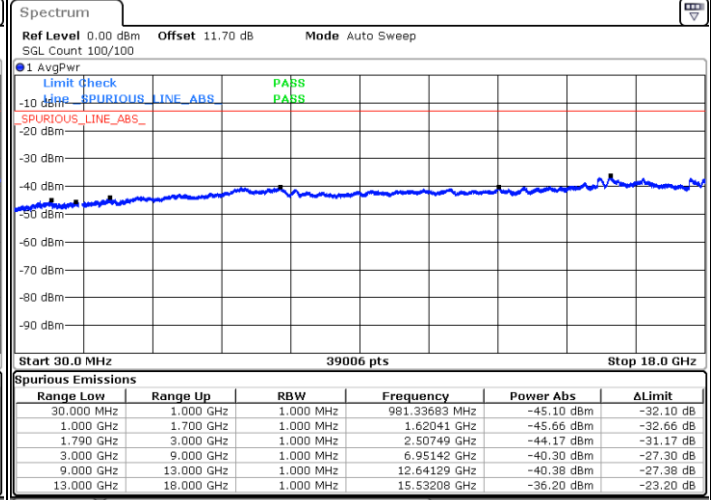
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

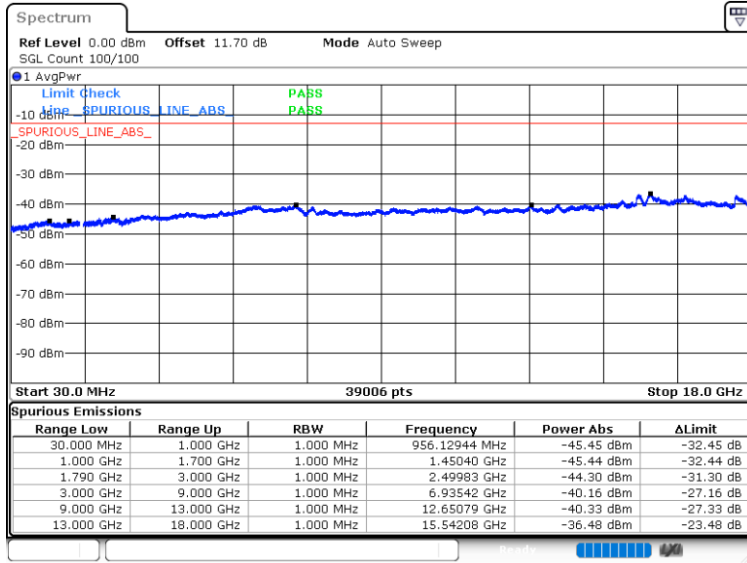


Date: 18.MAR.2024 14:53:13



Date: 18.MAR.2024 14:57:26

Highest Channel / QPSK



Date: 18.MAR.2024 14:58:27



### Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0059	PASS
40	Normal Voltage	0.0067	
30	Normal Voltage	0.0053	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0092	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0084	

**Note:**

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 66B

## 26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.10	14.71	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.68	20.14	19.06

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.02	14.77	18.98
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.65	19.78	19.14

Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.02	14.68	19.02
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.77	19.73	19.14

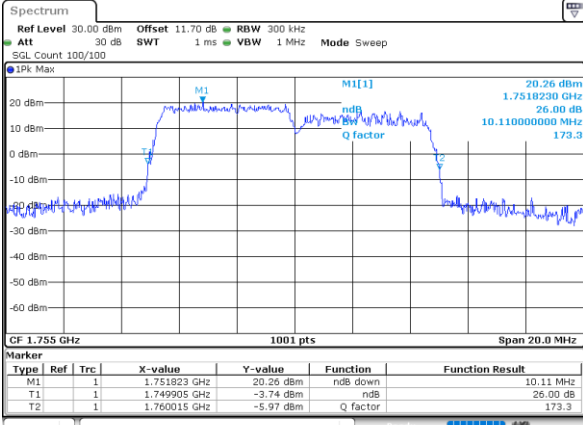
Mode	LTE Band 66B : 26dB BW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.94	14.59	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.77	19.82	18.94



LTE Band 66B

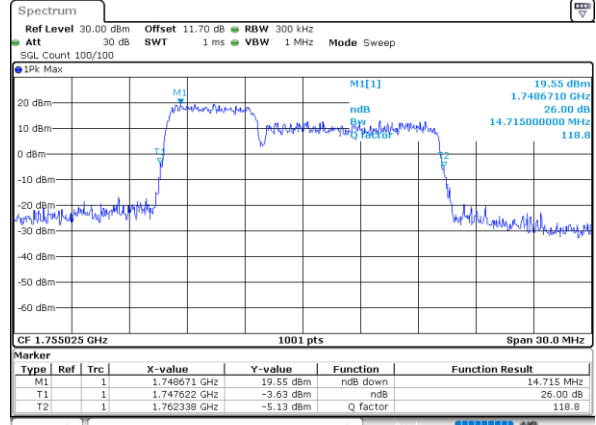
QPSK

Middle Channel / 5MHz+5MHz



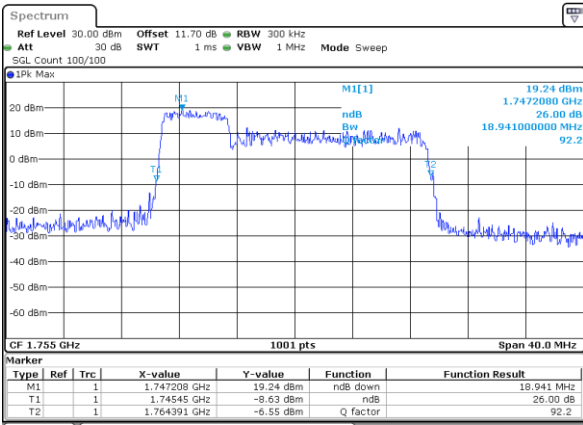
Date: 13\_MAR\_2024 19:02:29

Middle Channel / 5MHz+10MHz



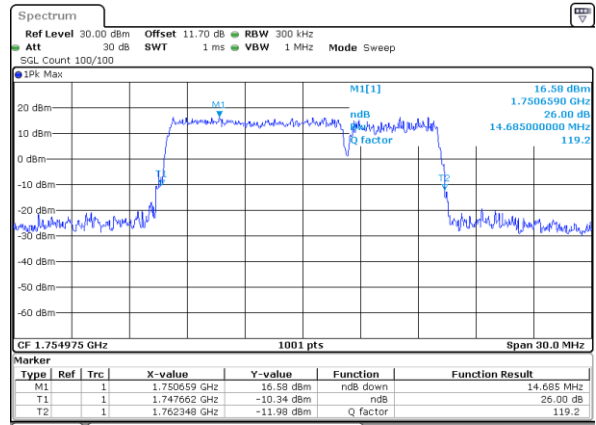
Date: 13\_MAR\_2024 18:04:15

Middle Channel / 5MHz+15MHz



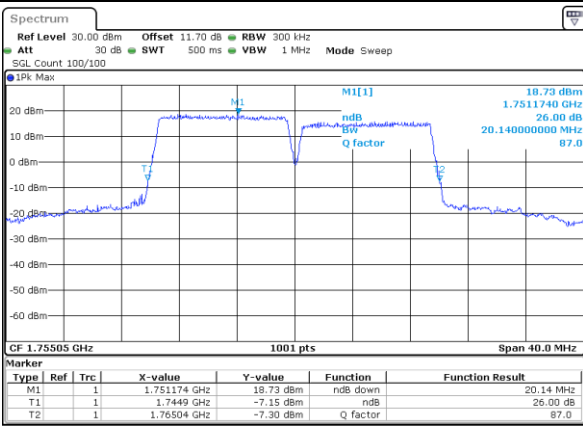
Date: 13\_MAR\_2024 17:30:35

Middle Channel / 10MHz+5MHz



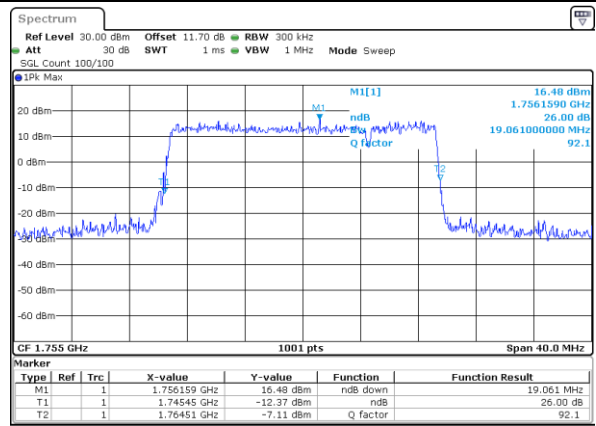
Date: 13\_MAR\_2024 16:56:52

Middle Channel / 10MHz+10MHz



Date: 13\_MAR\_2024 16:24:49

Middle Channel / 15MHz+5MHz



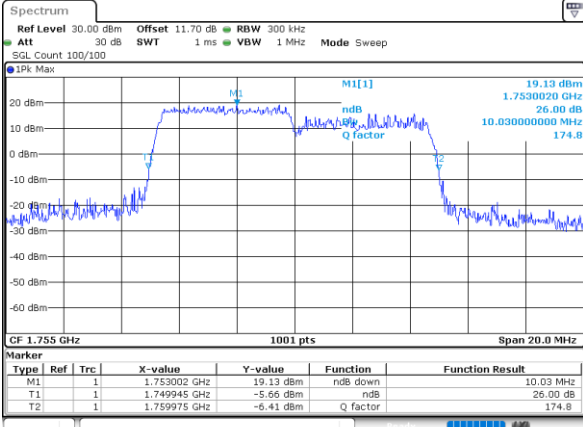
Date: 13\_MAR\_2024 10:52:54



LTE Band 66B

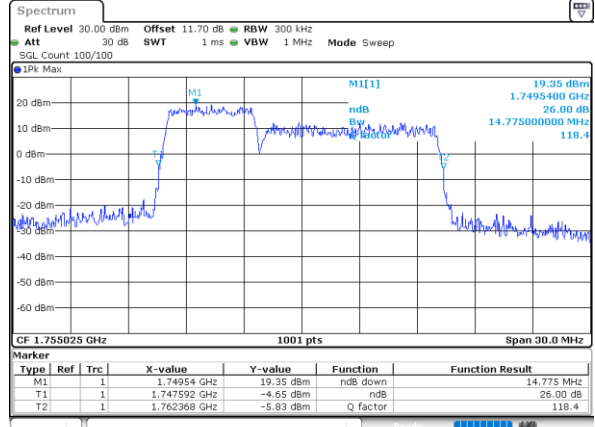
16QAM

Middle Channel / 5MHz+5MHz



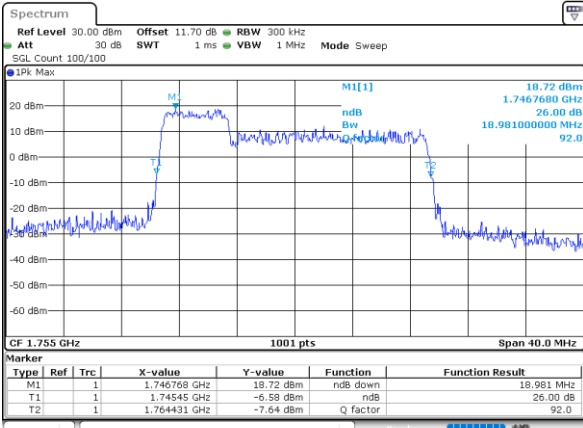
Date: 13.MAR.2024 19:02:54

Middle Channel / 5MHz+10MHz



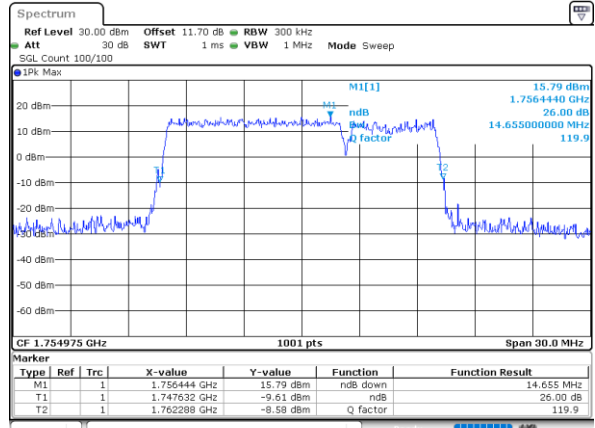
Date: 13.MAR.2024 18:04:40

Middle Channel / 5MHz+15MHz



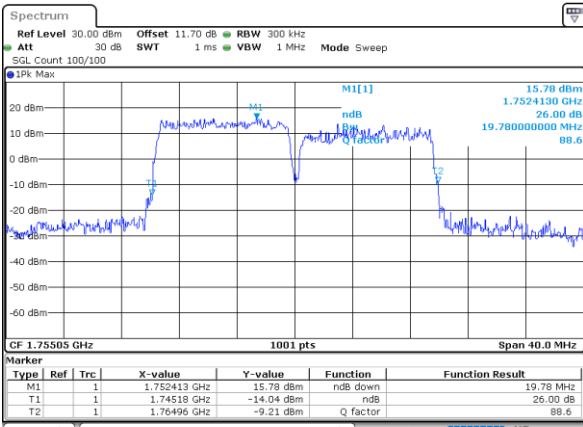
Date: 13.MAR.2024 17:31:00

Middle Channel / 10MHz+5MHz



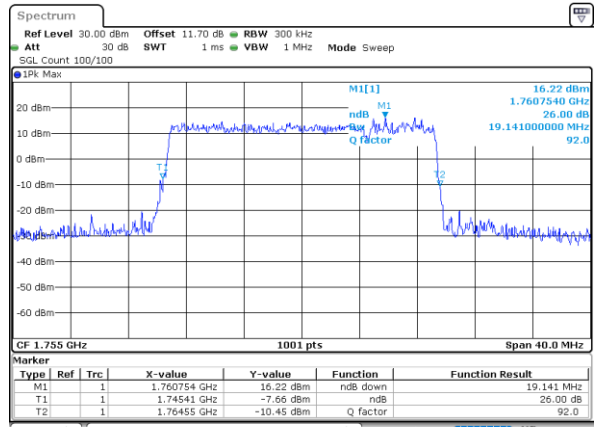
Date: 13.MAR.2024 16:57:17

Middle Channel / 10MHz+10MHz



Date: 13.MAR.2024 16:25:13

Middle Channel / 15MHz+5MHz



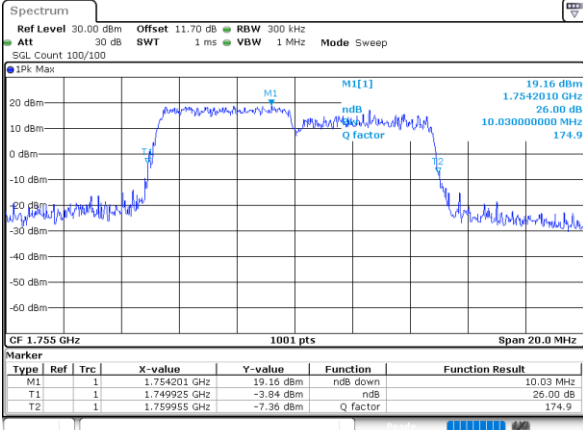
Date: 13.MAR.2024 10:53:19



LTE Band 66B

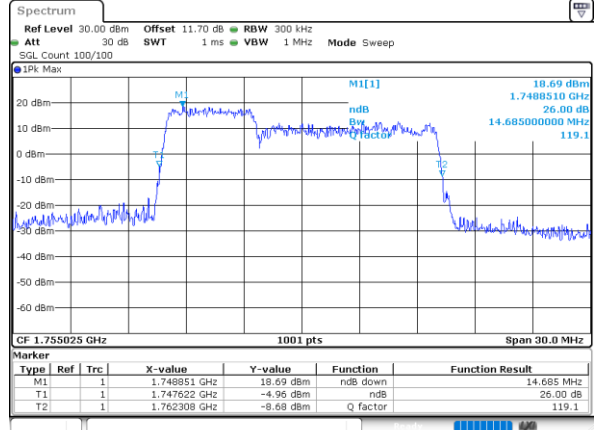
64QAM

Middle Channel / 5MHz+5MHz



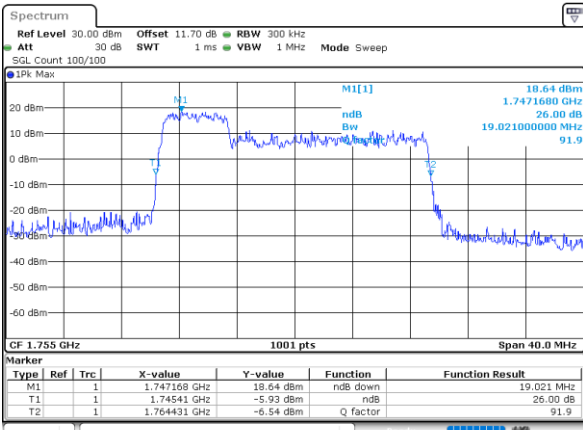
Date: 13.MAR.2024 19:04:09

Middle Channel / 5MHz+10MHz



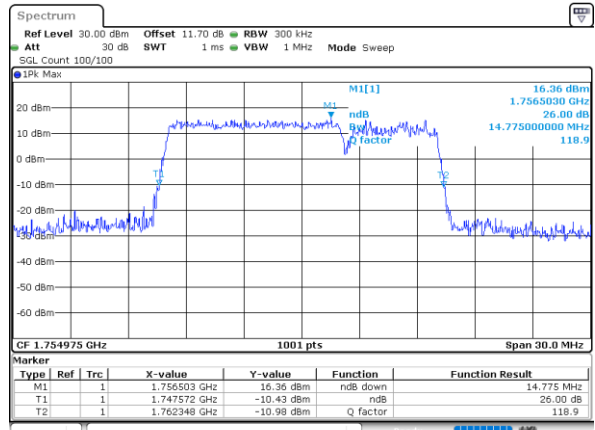
Date: 13.MAR.2024 18:05:54

Middle Channel / 5MHz+15MHz



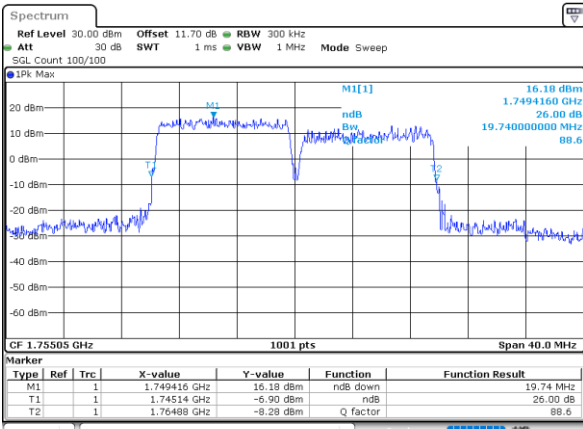
Date: 13.MAR.2024 17:32:13

Middle Channel / 10MHz+5MHz



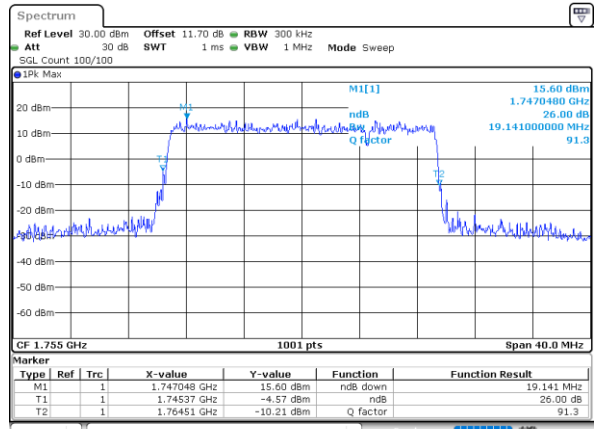
Date: 13.MAR.2024 16:59:30

Middle Channel / 10MHz+10MHz



Date: 13.MAR.2024 16:26:26

Middle Channel / 15MHz+5MHz



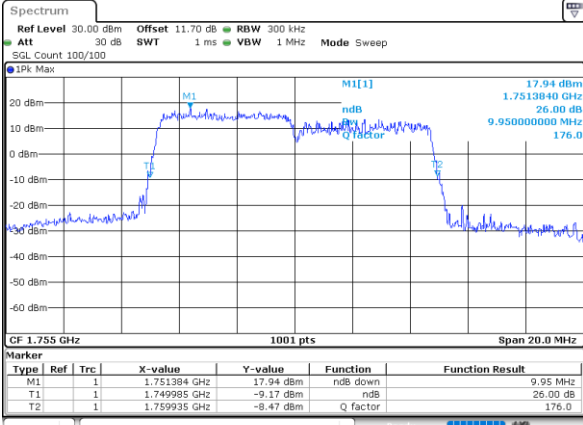
Date: 13.MAR.2024 10:54:32



LTE Band 66B

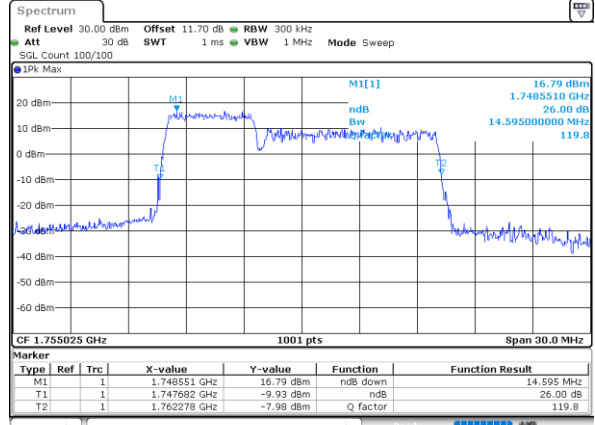
256QAM

Middle Channel / 5MHz+5MHz



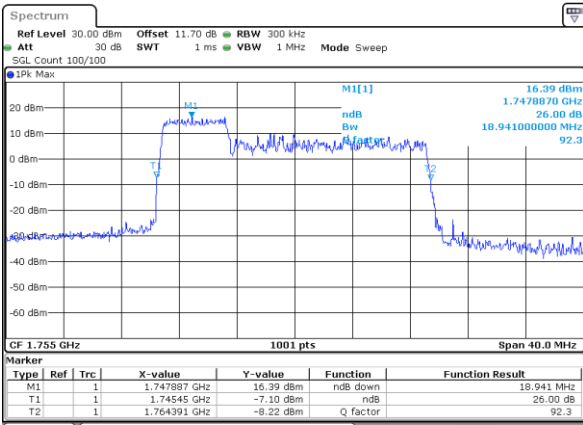
Date: 13\_MAR\_2024 19:04:33

Middle Channel / 5MHz+10MHz



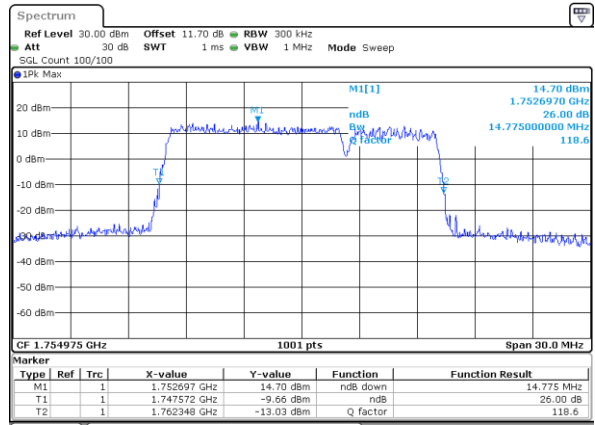
Date: 13\_MAR\_2024 18:06:19

Middle Channel / 5MHz+15MHz



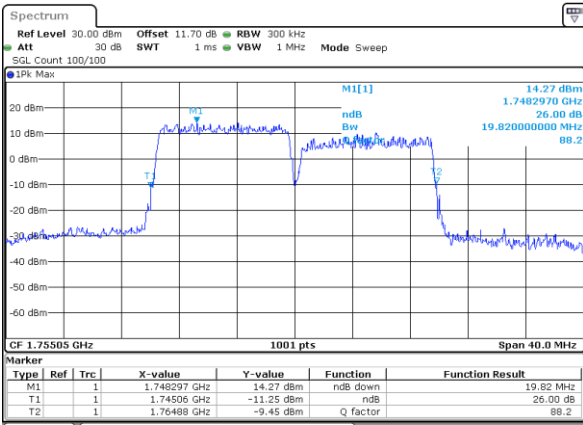
Date: 13\_MAR\_2024 17:32:38

Middle Channel / 10MHz+5MHz



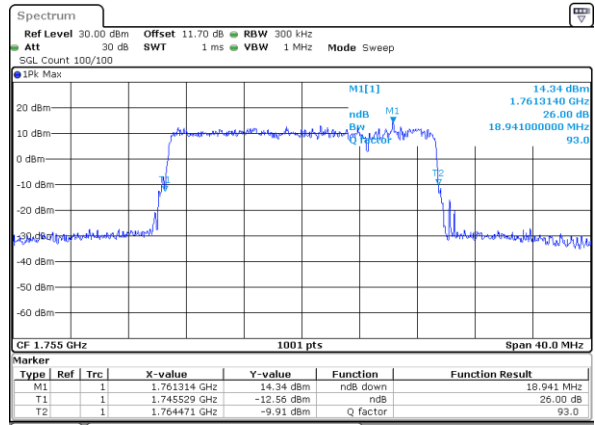
Date: 13\_MAR\_2024 16:58:55

Middle Channel / 10MHz+10MHz



Date: 13\_MAR\_2024 16:27:13

Middle Channel / 15MHz+5MHz



Date: 13\_MAR\_2024 10:54:57



### Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.39	13.93	18.14
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.93	18.74	18.30

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.33	13.84	18.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.93	18.70	18.22

Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.31	13.90	18.14
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.93	18.74	18.30

Mode	LTE Band 66B : 99%OBW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.37	13.84	18.18
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.93	18.74	18.14

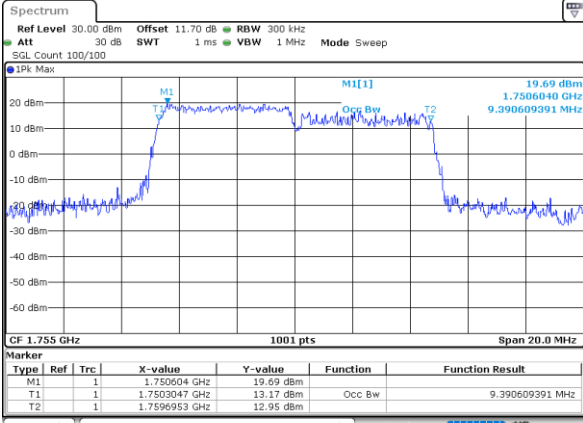




LTE Band 66B

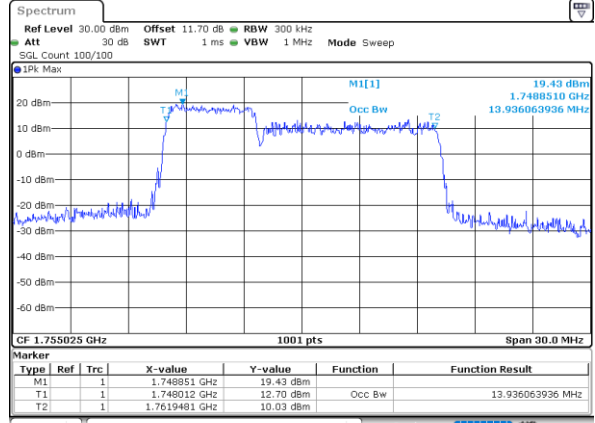
QPSK

Middle Channel / 5MHz+5MHz



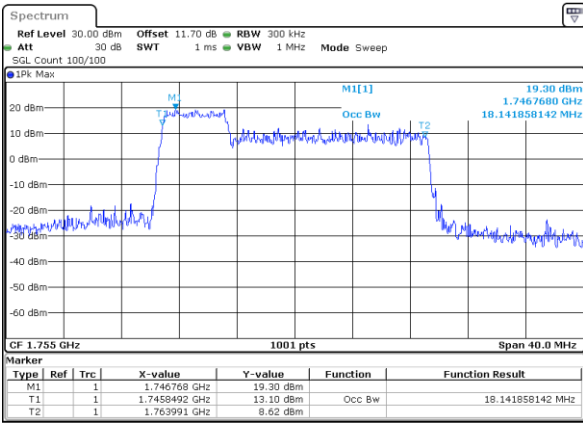
Date: 13\_MAR\_2024 19:02:05

Middle Channel / 5MHz+10MHz



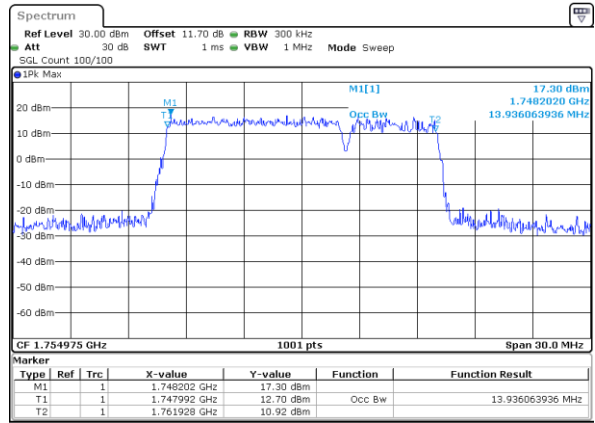
Date: 13\_MAR\_2024 18:03:51

Middle Channel / 5MHz+15MHz



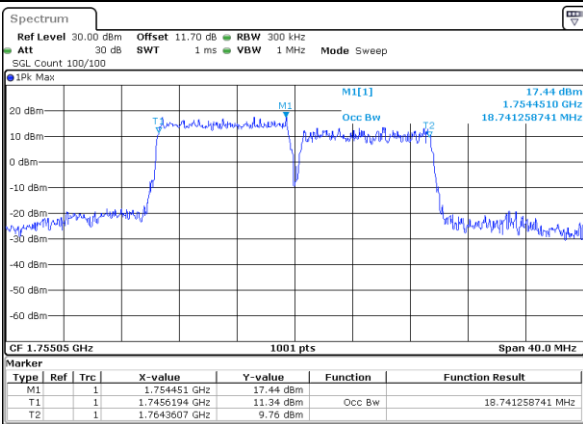
Date: 13\_MAR\_2024 17:30:11

Middle Channel / 10MHz+5MHz



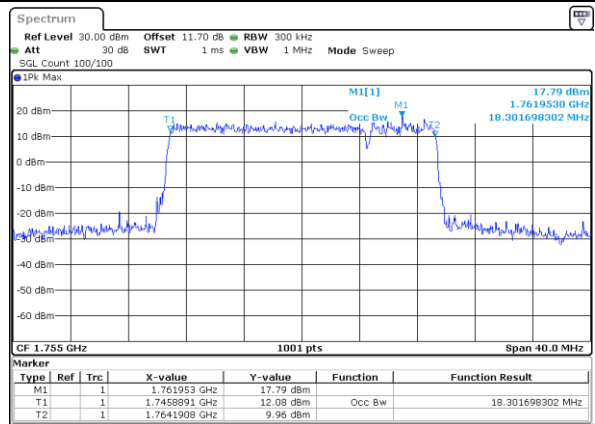
Date: 13\_MAR\_2024 16:56:28

Middle Channel / 10MHz+10MHz



Date: 13\_MAR\_2024 11:28:16

Middle Channel / 15MHz+5MHz



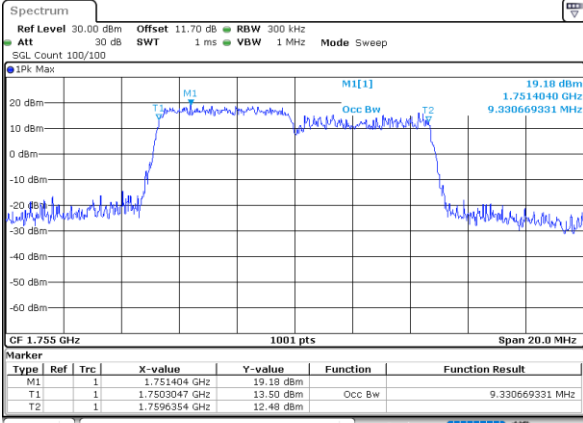
Date: 13\_MAR\_2024 10:52:30



LTE Band 66B

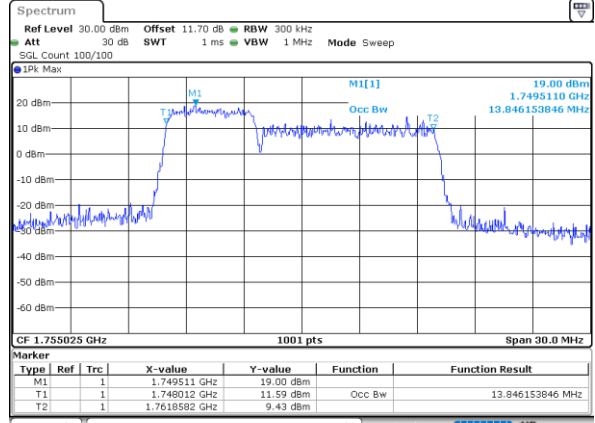
16QAM

Middle Channel / 5MHz+5MHz



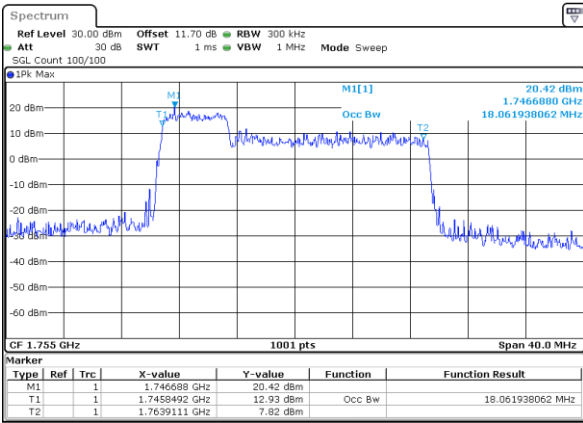
Date: 13\_MAR\_2024 19:03:19

Middle Channel / 5MHz+10MHz



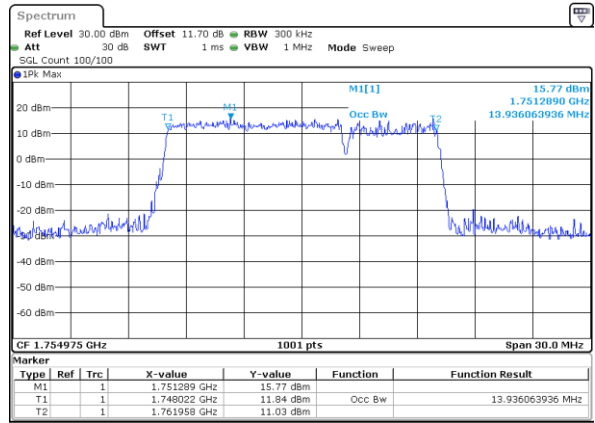
Date: 13\_MAR\_2024 18:05:04

Middle Channel / 5MHz+15MHz



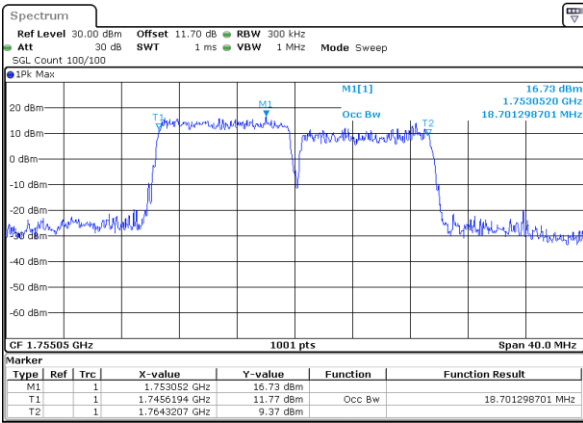
Date: 13\_MAR\_2024 17:31:24

Middle Channel / 10MHz+5MHz



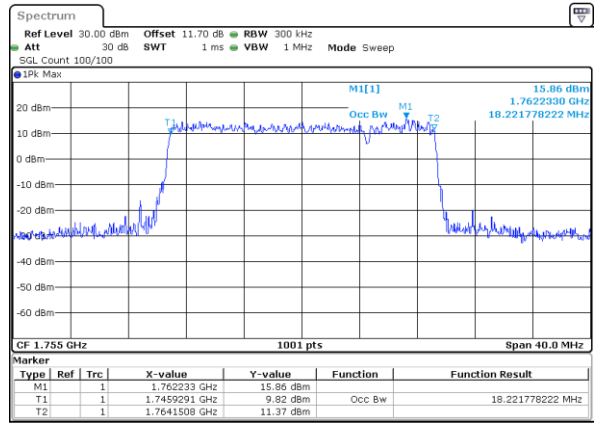
Date: 13\_MAR\_2024 16:57:41

Middle Channel / 10MHz+10MHz



Date: 13\_MAR\_2024 16:25:37

Middle Channel / 15MHz+5MHz



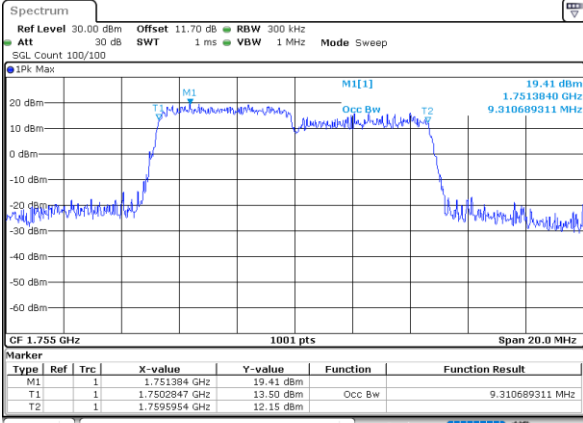
Date: 13\_MAR\_2024 10:53:43



LTE Band 66B

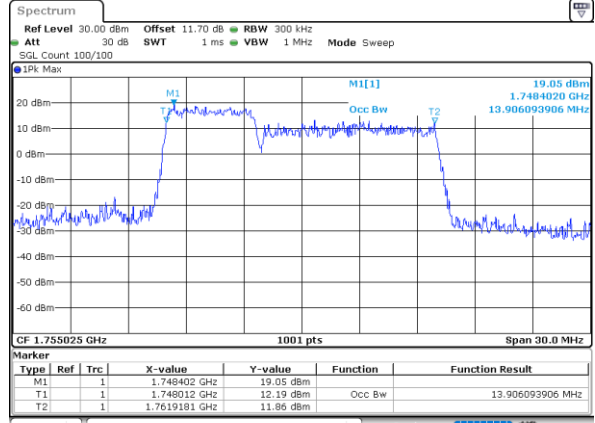
64QAM

Middle Channel / 5MHz+5MHz



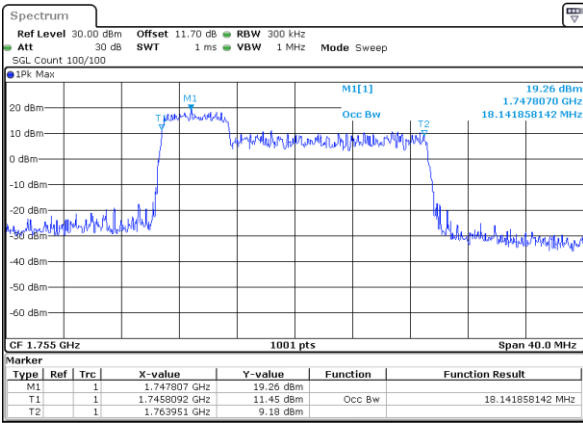
Date: 13\_MAR\_2024 19:03:44

Middle Channel / 5MHz+10MHz



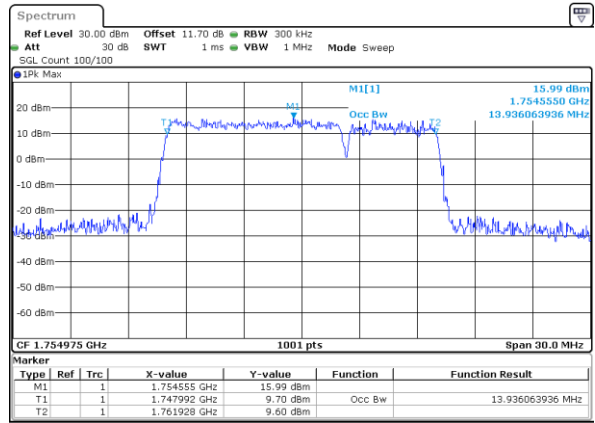
Date: 13\_MAR\_2024 18:05:29

Middle Channel / 5MHz+15MHz



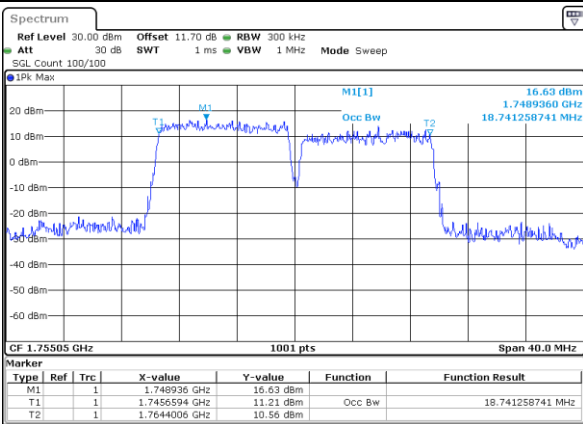
Date: 13\_MAR\_2024 17:31:49

Middle Channel / 10MHz+5MHz



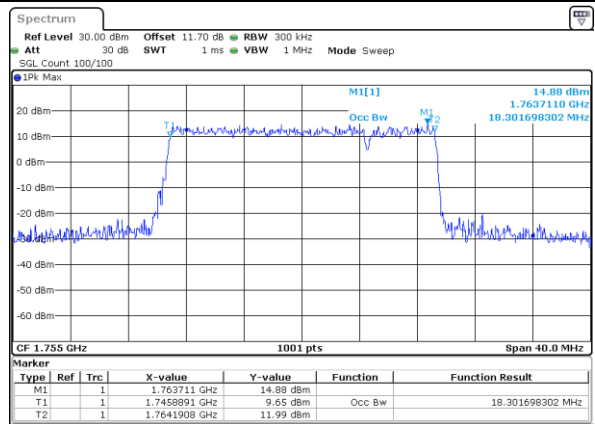
Date: 13\_MAR\_2024 16:58:06

Middle Channel / 10MHz+10MHz



Date: 13\_MAR\_2024 16:26:02

Middle Channel / 15MHz+5MHz



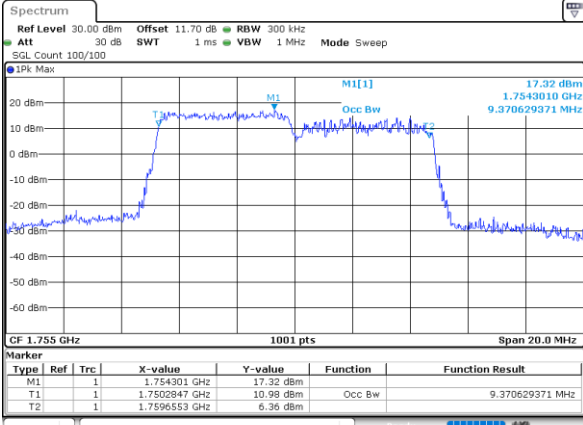
Date: 13\_MAR\_2024 10:54:09



LTE Band 66B

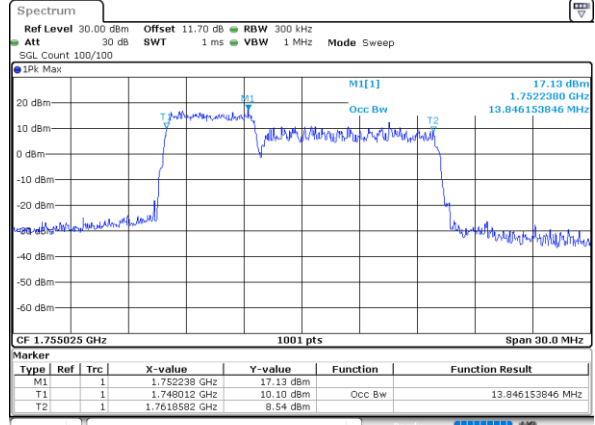
256QAM

Middle Channel / 5MHz+5MHz



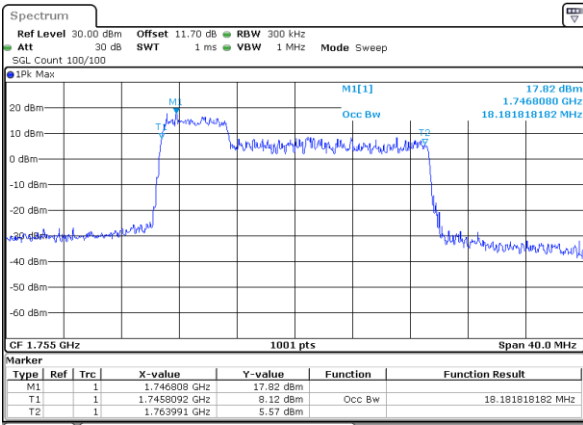
Date: 13\_MAR\_2024 19:04:57

Middle Channel / 5MHz+10MHz



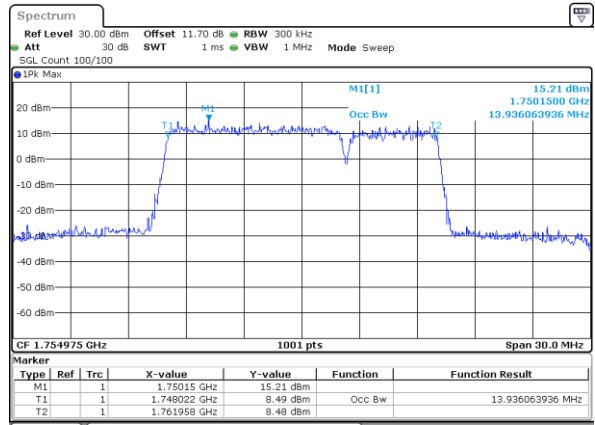
Date: 13\_MAR\_2024 18:06:43

Middle Channel / 5MHz+15MHz



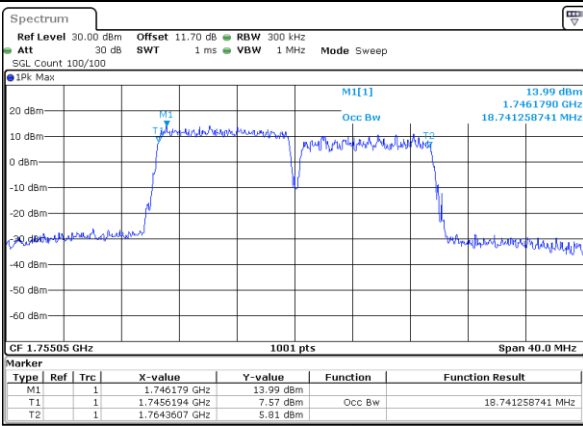
Date: 13\_MAR\_2024 17:33:03

Middle Channel / 10MHz+5MHz



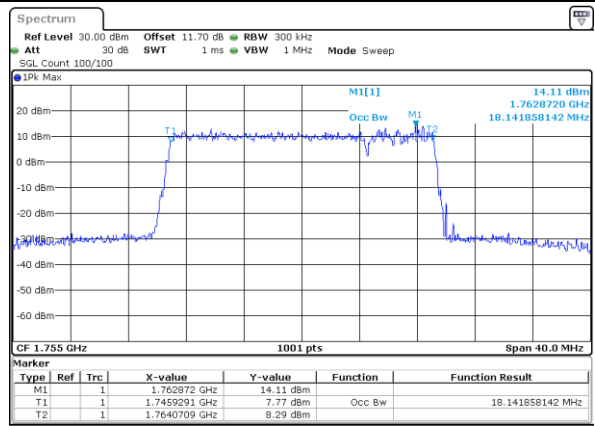
Date: 13\_MAR\_2024 16:59:19

Middle Channel / 10MHz+10MHz



Date: 13\_MAR\_2024 16:27:37

Middle Channel / 15MHz+5MHz



Date: 13\_MAR\_2024 10:55:21



**Conducted Band Edge**

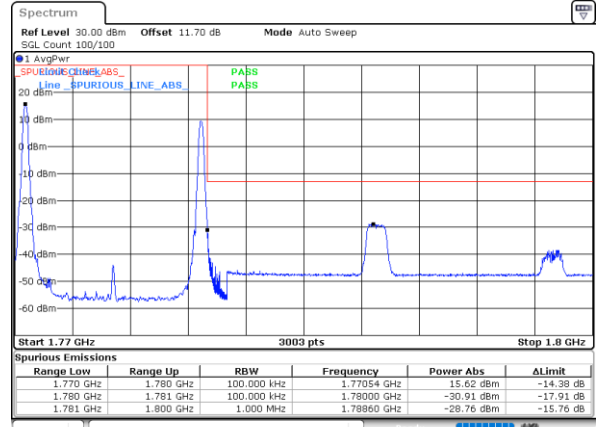
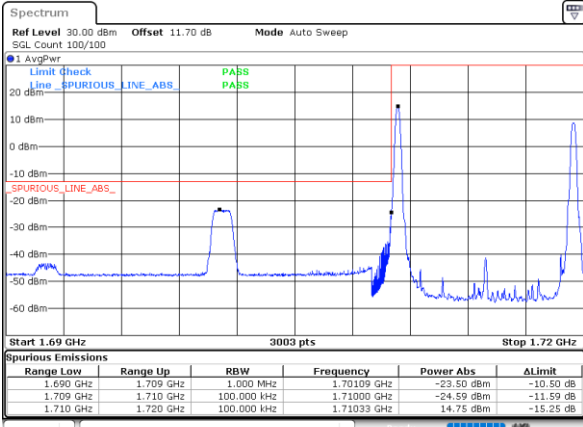


LTE Band 66B / 5MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

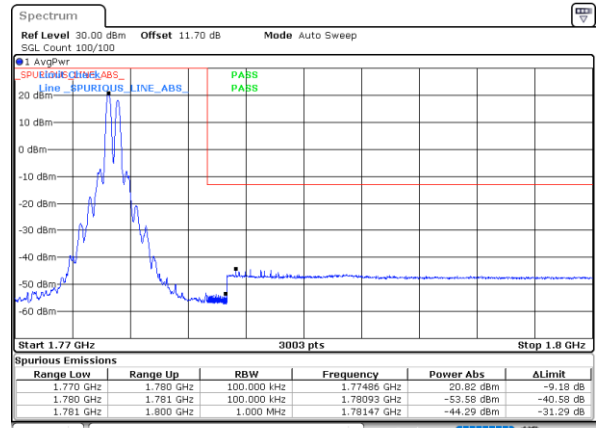
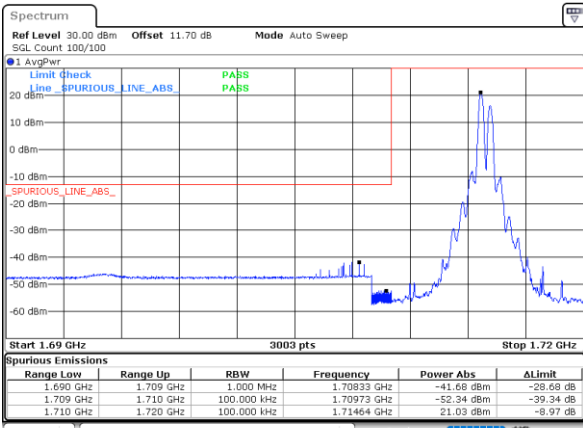


Date: 13.MAR.2024 18:51:04

Date: 13.MAR.2024 18:12:23

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

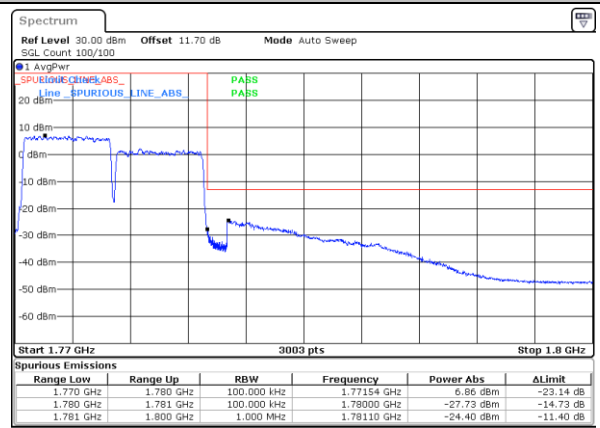
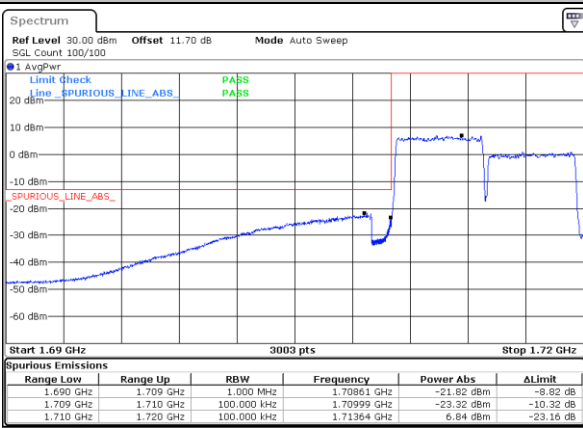


Date: 13.MAR.2024 18:54:03

Date: 13.MAR.2024 18:16:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 18:46:22

Date: 13.MAR.2024 18:07:41

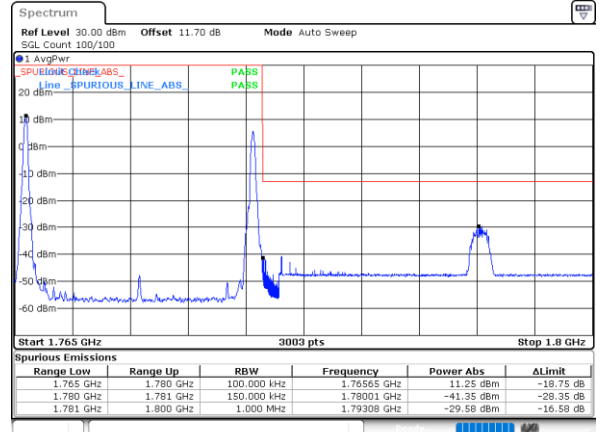
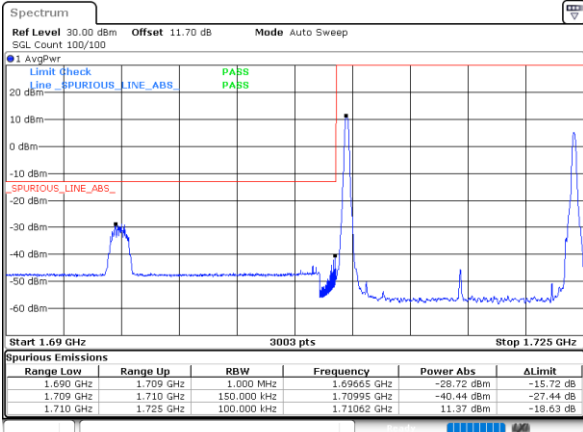


LTE Band 66B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

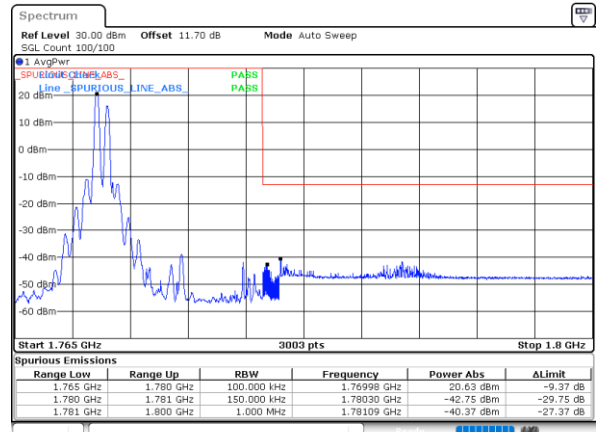
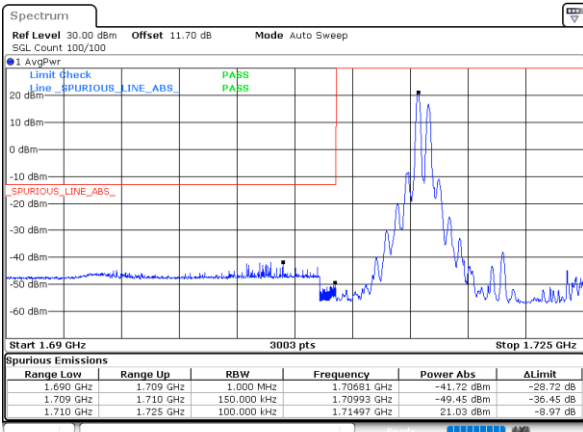


Date: 13.MAR.2024 17:51:51

Date: 13.MAR.2024 17:58:44

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

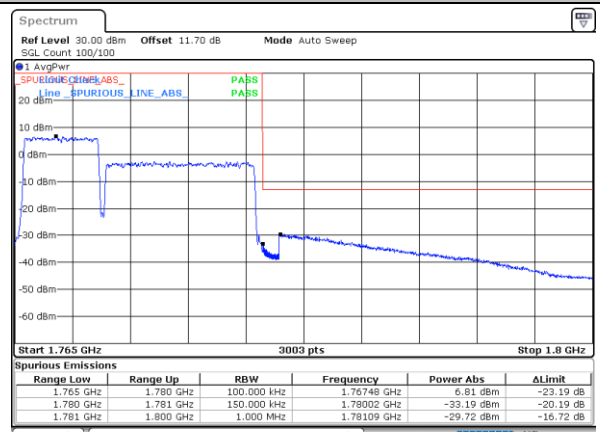
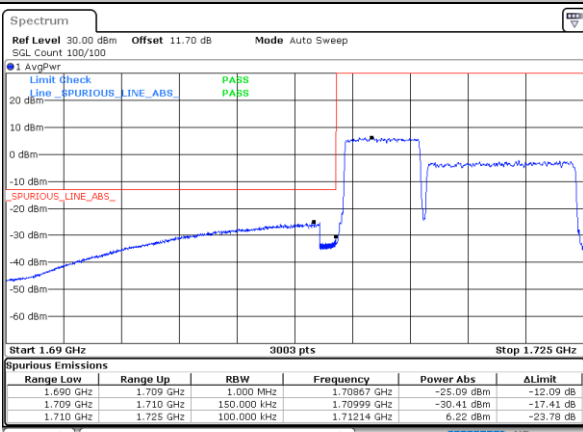


Date: 13.MAR.2024 17:55:30

Date: 13.MAR.2024 17:42:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 17:47:09

Date: 13.MAR.2024 17:54:01

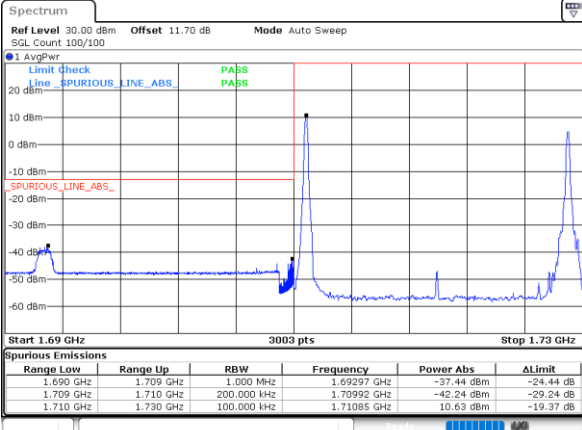


LTE Band 66B / 5MHz+15MHz

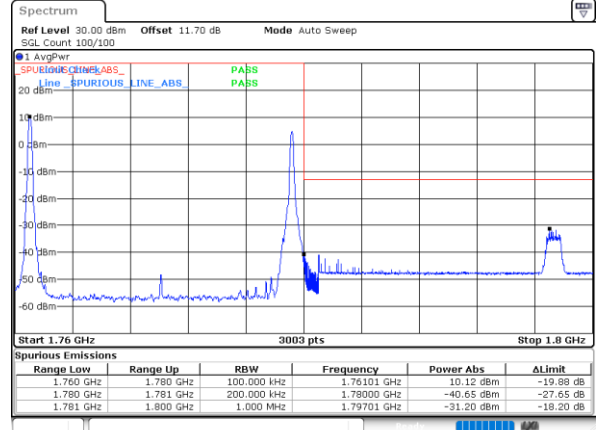
QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74



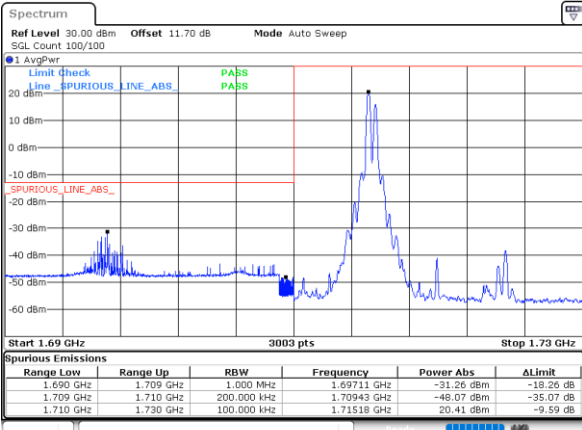
Date: 13.MAR.2024 17:18:10



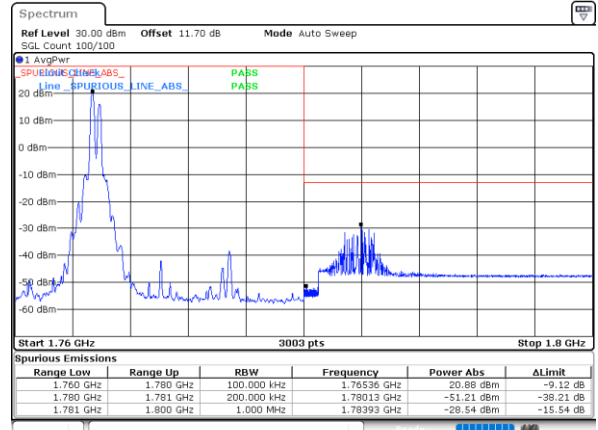
Date: 13.MAR.2024 17:05:04

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



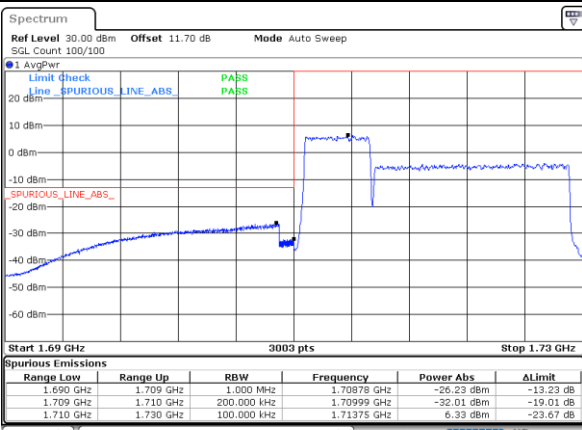
Date: 13.MAR.2024 17:21:50



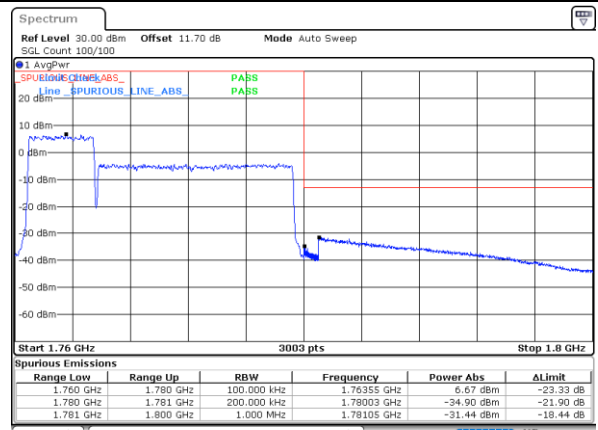
Date: 13.MAR.2024 17:08:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 17:13:28



Date: 13.MAR.2024 17:00:22



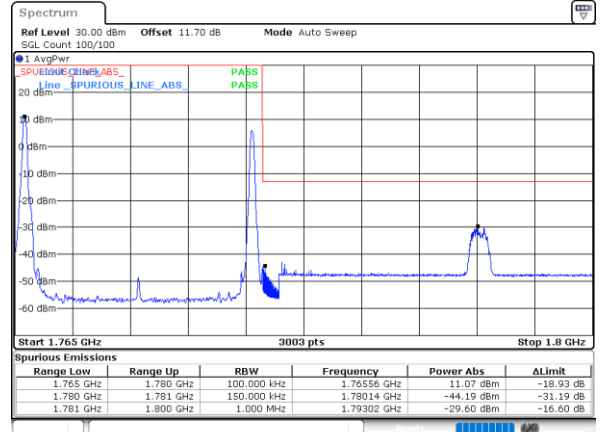
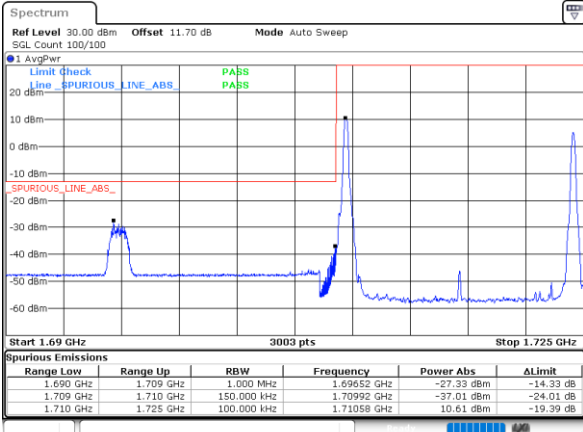


LTE Band 66B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

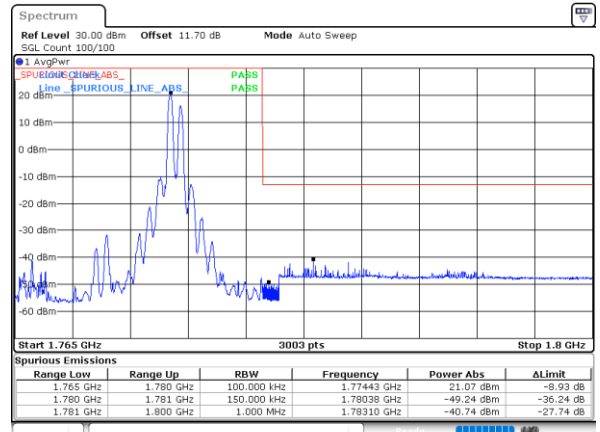
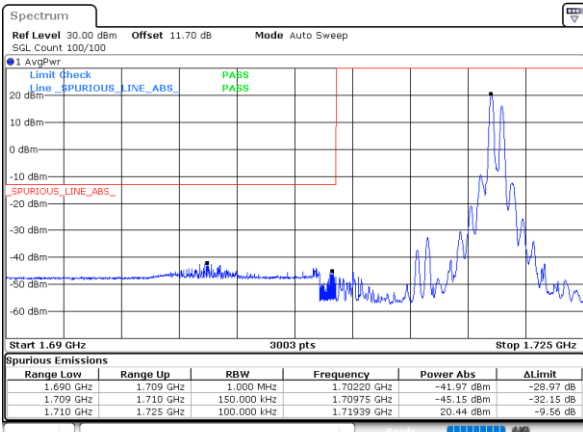


Date: 13.MAR.2024 16:46:24

Date: 13.MAR.2024 16:33:18

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

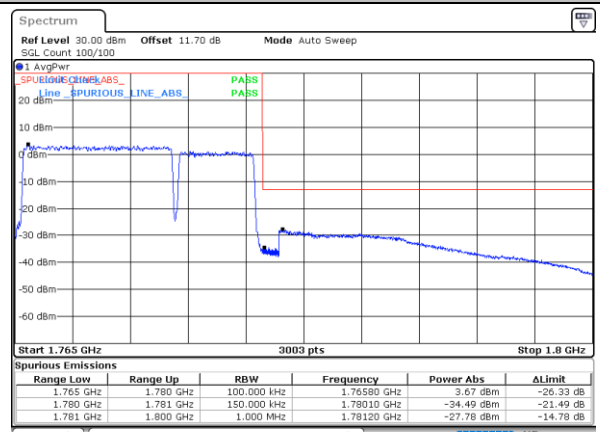
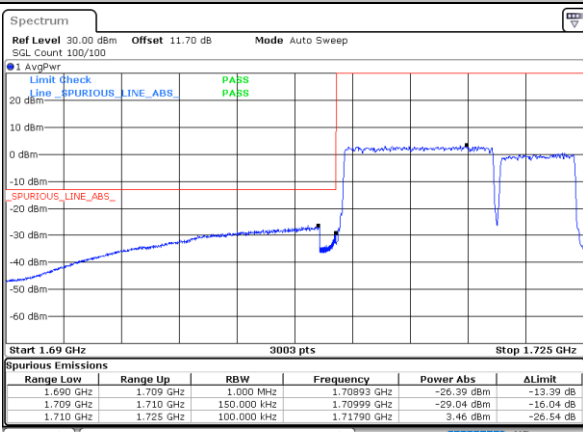


Date: 13.MAR.2024 16:50:03

Date: 13.MAR.2024 16:36:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 16:41:42

Date: 13.MAR.2024 16:28:35

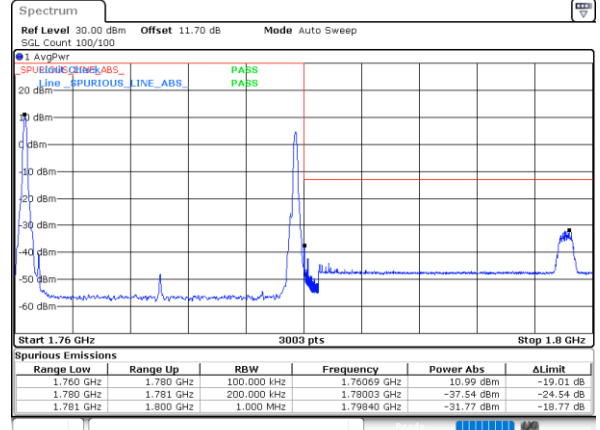
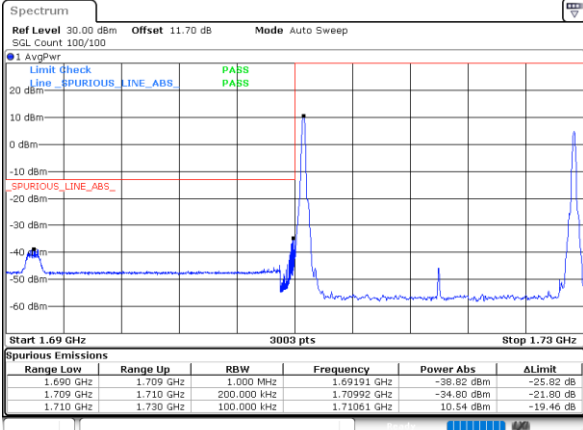


LTE Band 66B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

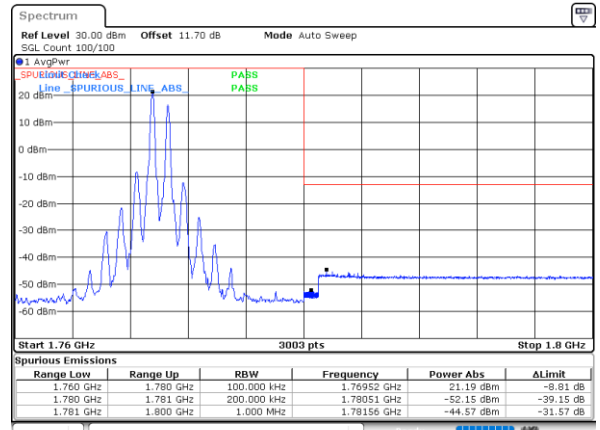
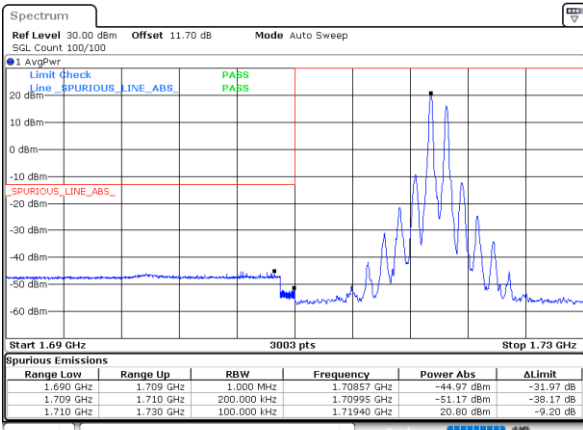


Date: 13.MAR.2024 11:18:13

Date: 13.MAR.2024 11:01:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

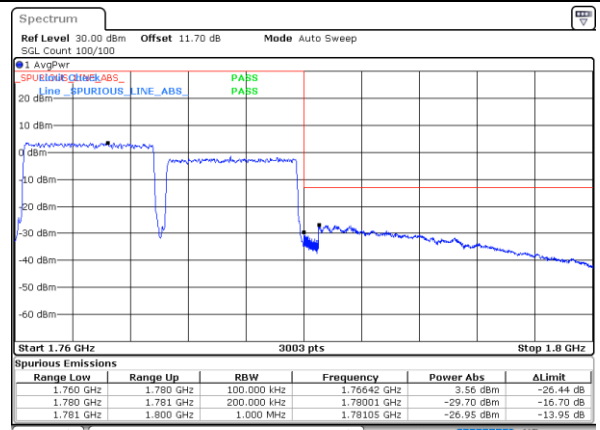
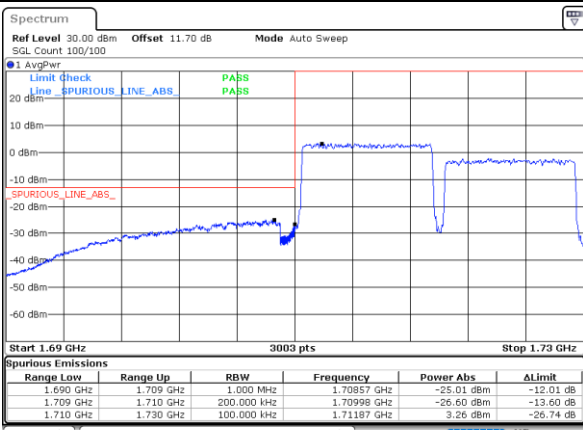


Date: 13.MAR.2024 11:21:52

Date: 13.MAR.2024 11:05:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 11:13:31

Date: 13.MAR.2024 10:57:05

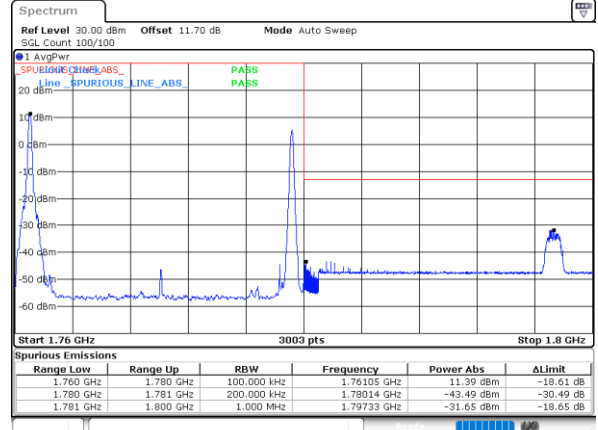
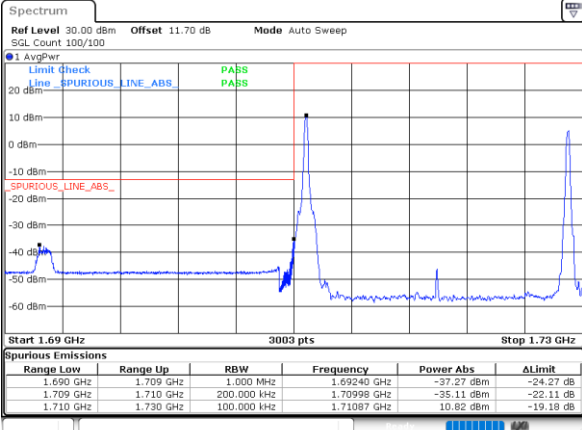


LTE Band 66B / 15MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

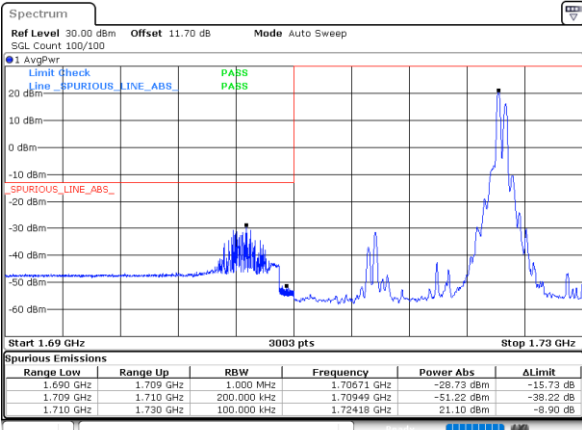


Date: 13.MAR.2024 10:42:26

Date: 13.MAR.2024 10:28:22

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

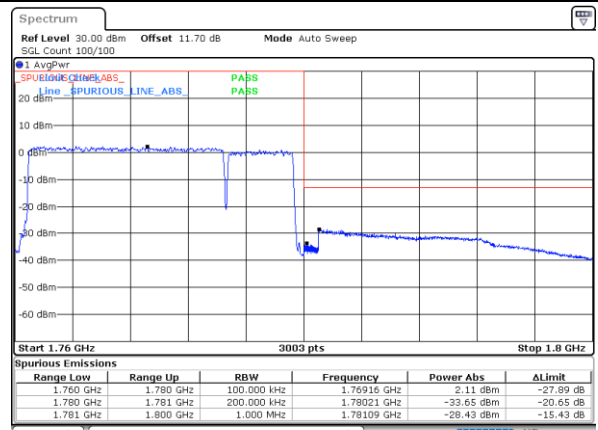
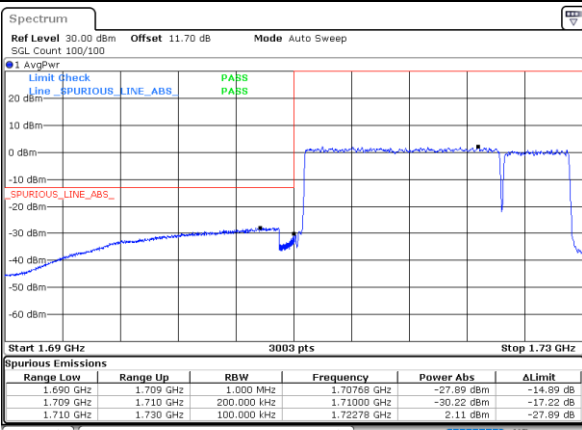


Date: 13.MAR.2024 10:46:05

Date: 13.MAR.2024 10:32:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 10:37:44

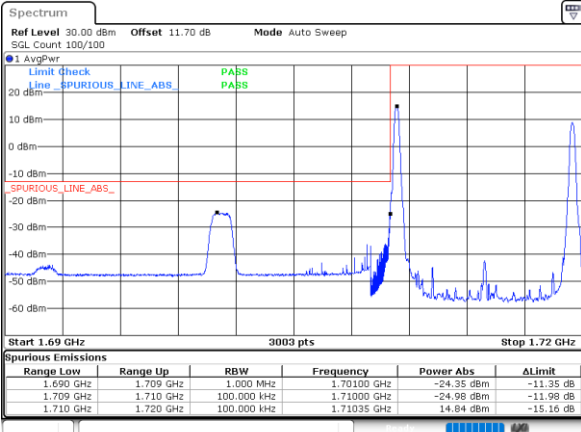
Date: 13.MAR.2024 10:23:38



LTE Band 66B / 5MHz+5MHz

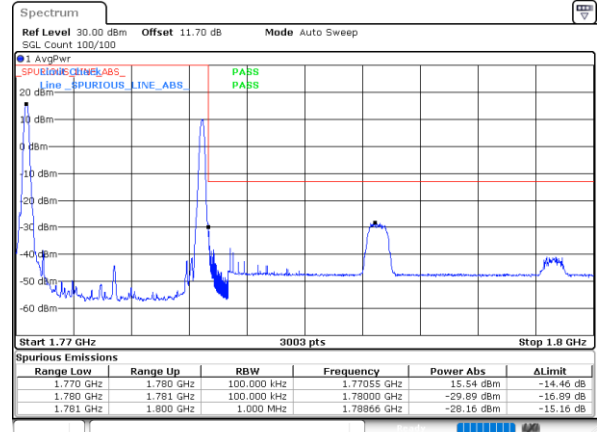
16QAM

Lowest Band Edge / 1RB0 and 1RB24



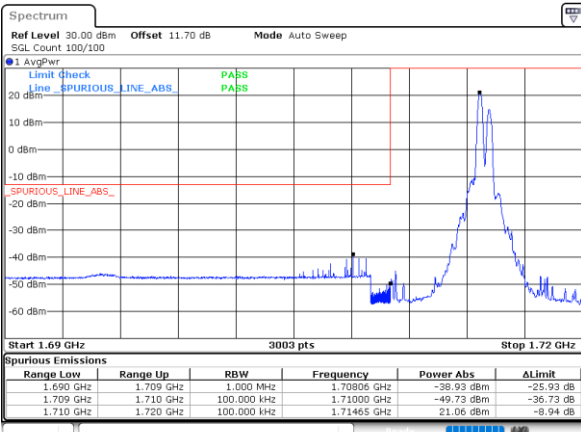
Date: 13.MAR.2024 18:51:59

Highest Band Edge / 1RB0 and 1RB24



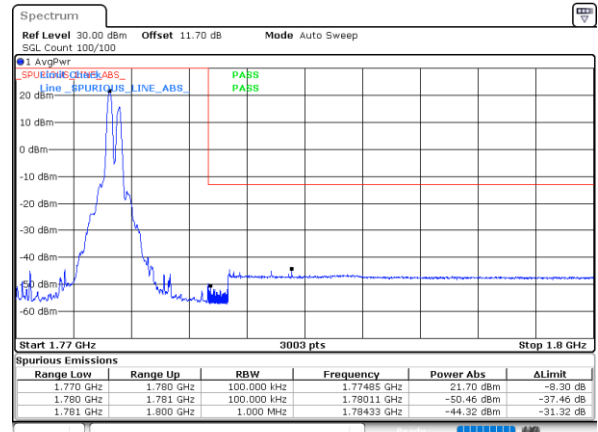
Date: 13.MAR.2024 18:13:18

Lowest Band Edge / 1RB24 and 1RB0



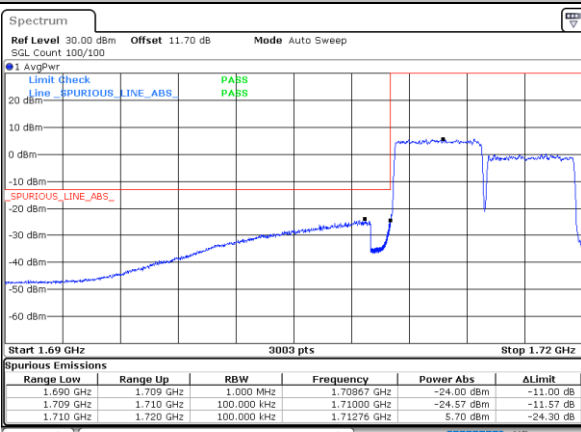
Date: 13.MAR.2024 18:57:38

Highest Band Edge / 1RB24 and 1RB0



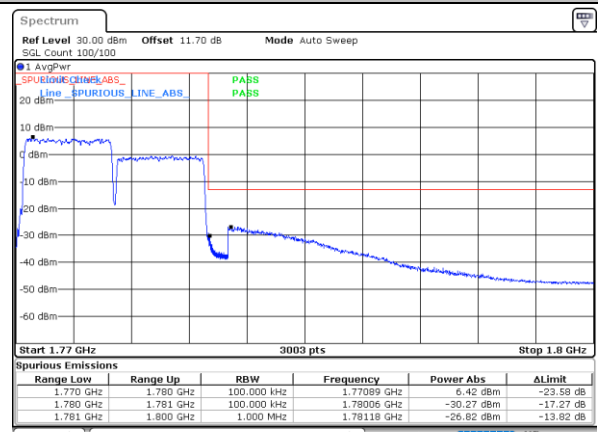
Date: 13.MAR.2024 18:17:59

Lowest Band Edge / Full RB



Date: 13.MAR.2024 18:47:16

Highest Band Edge / Full RB



Date: 13.MAR.2024 18:08:36

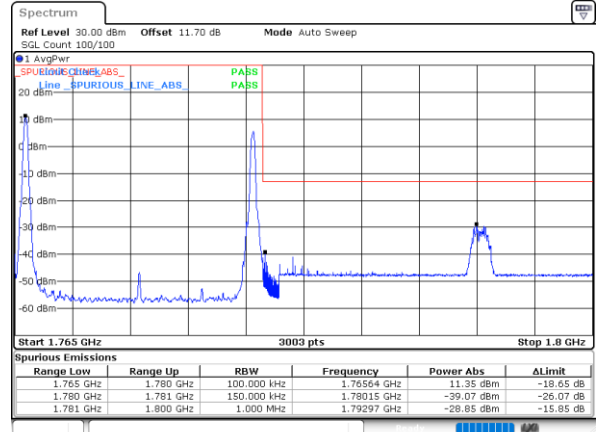
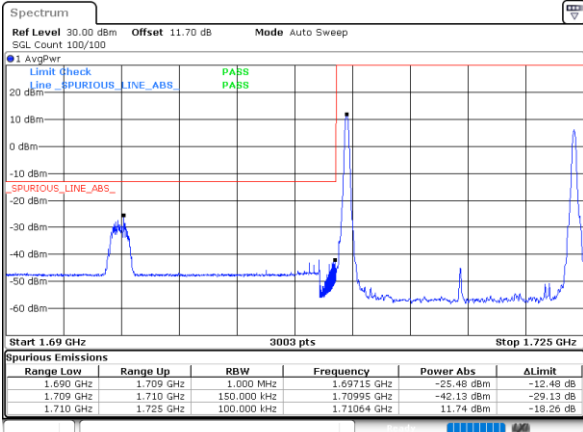


LTE Band 66B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

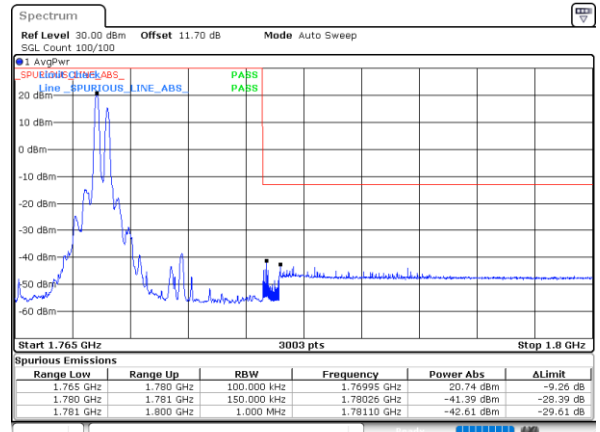
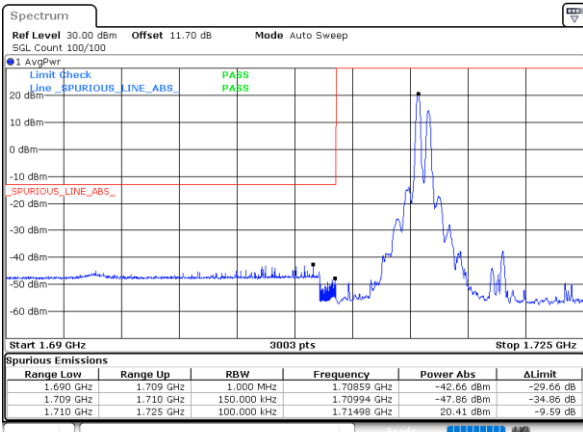


Date: 13.MAR.2024 17:52:46

Date: 13.MAR.2024 17:19:38

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

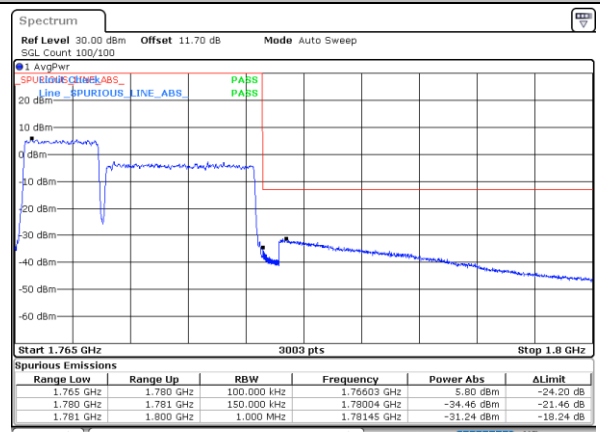
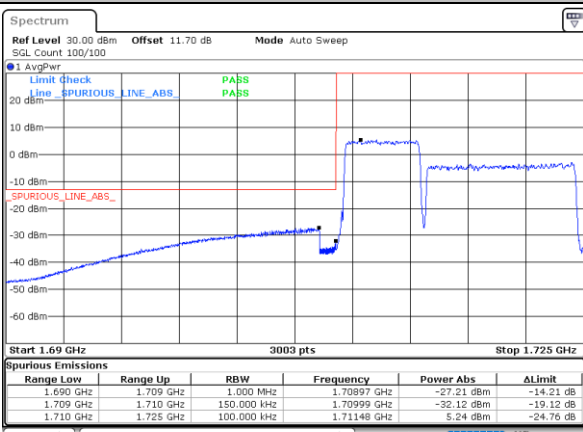


Date: 13.MAR.2024 17:58:25

Date: 13.MAR.2024 17:44:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 17:48:03

Date: 13.MAR.2024 17:34:56

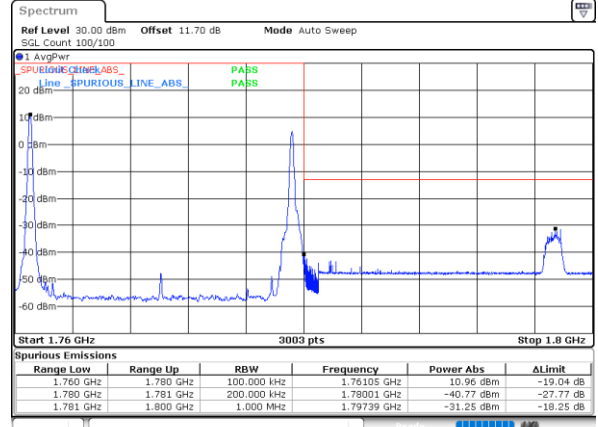
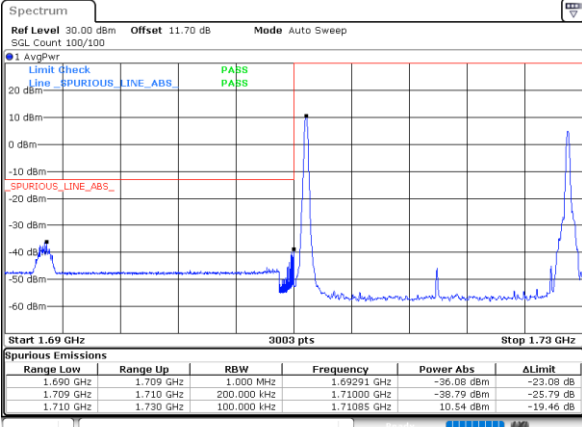


LTE Band 66B / 5MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

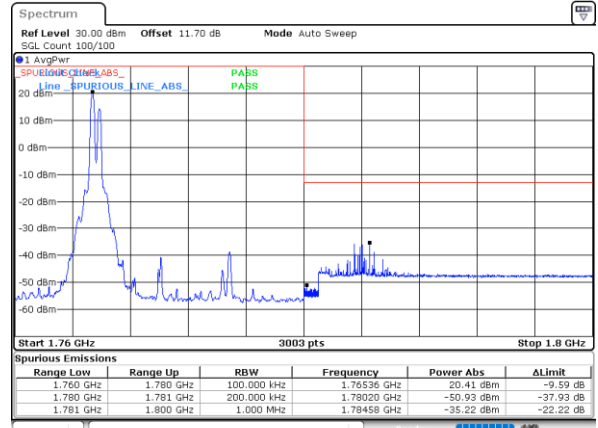
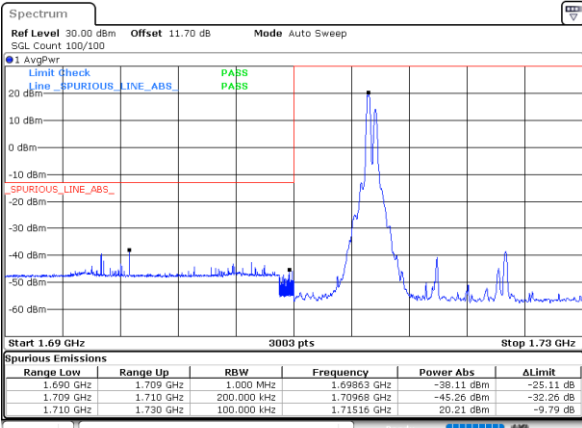


Date: 13.MAR.2024 17:19:05

Date: 13.MAR.2024 17:05:58

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

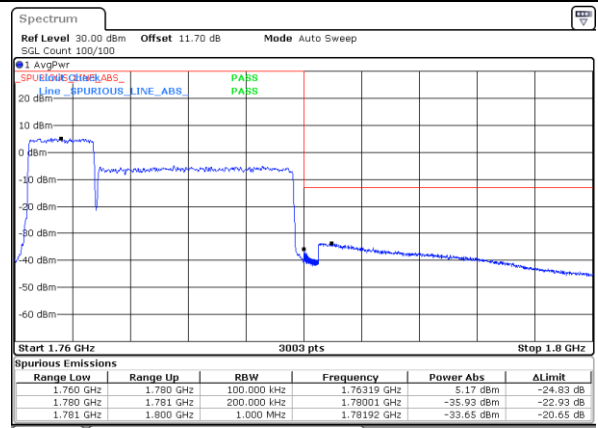
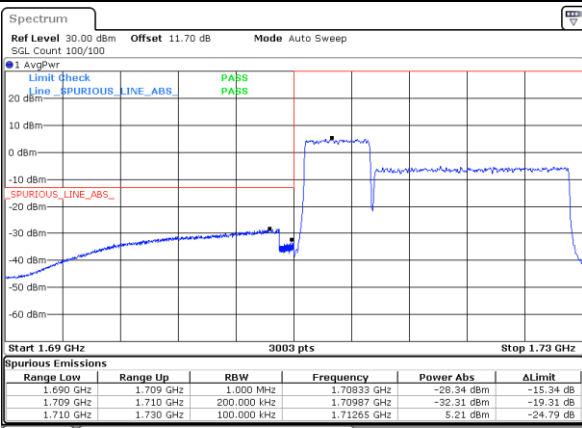


Date: 13.MAR.2024 17:24:44

Date: 13.MAR.2024 17:10:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 17:14:23

Date: 13.MAR.2024 17:01:16

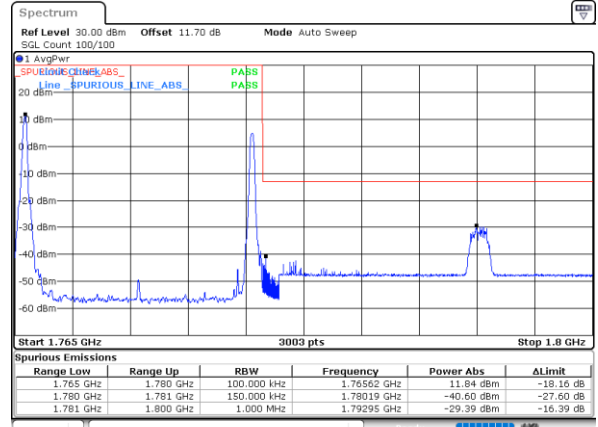
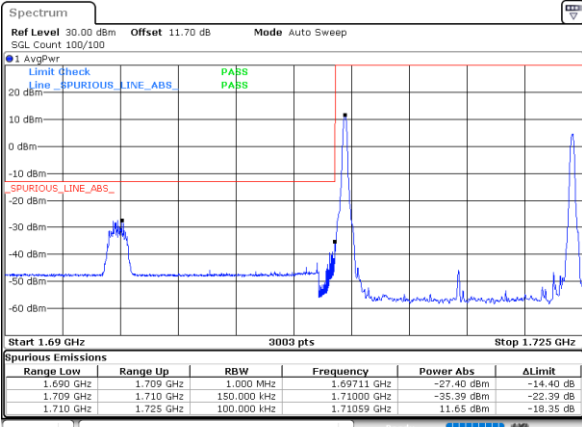


LTE Band 66B / 10MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

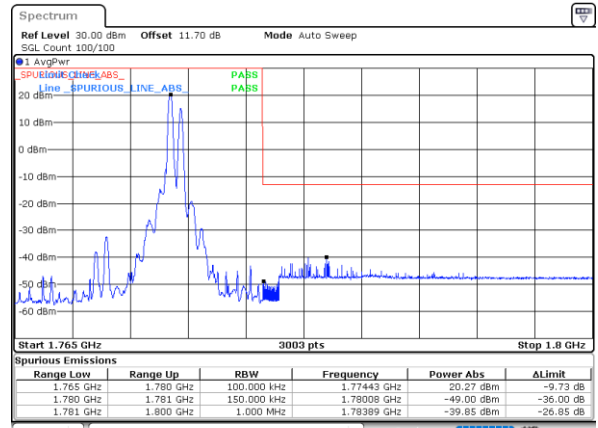
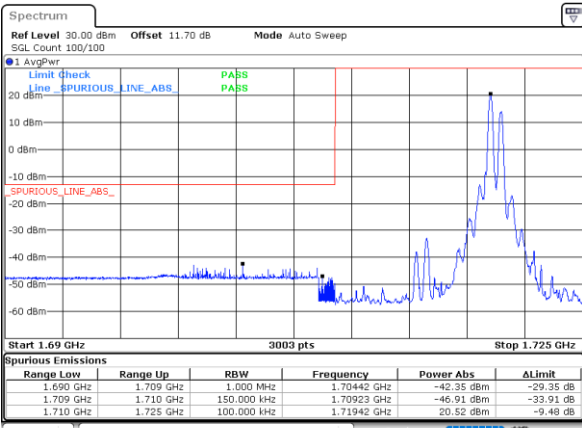


Date: 13.MAR.2024 16:47:19

Date: 13.MAR.2024 16:34:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

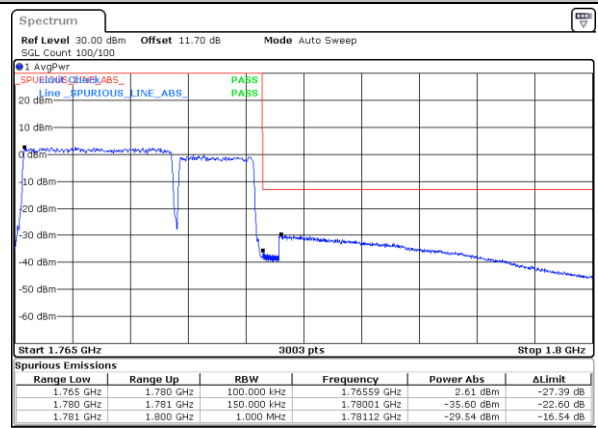
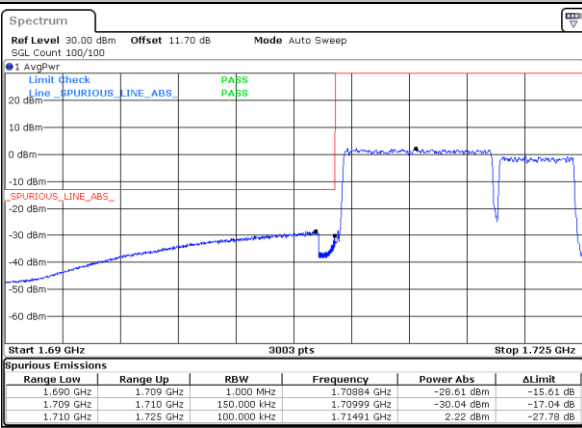


Date: 13.MAR.2024 16:52:01

Date: 13.MAR.2024 16:38:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 16:42:37

Date: 13.MAR.2024 16:29:30

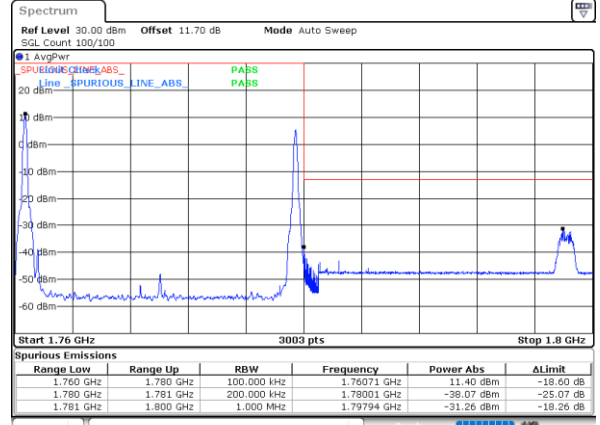
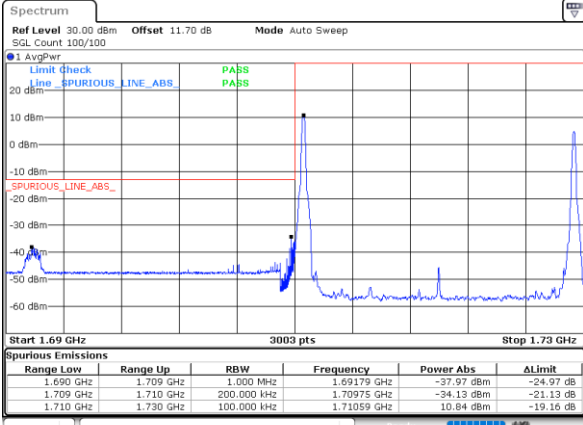


LTE Band 66B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

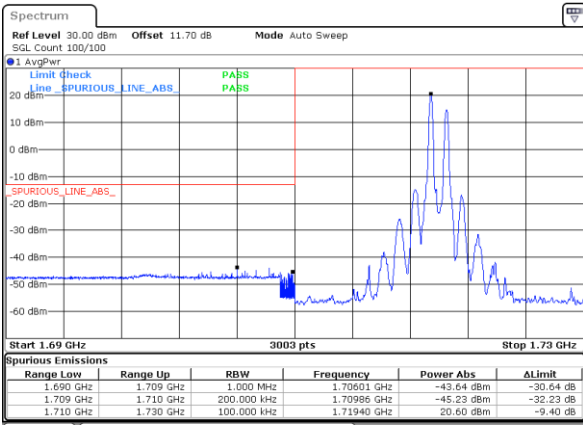


Date: 13.MAR.2024 11:19:07

Date: 13.MAR.2024 11:02:42

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

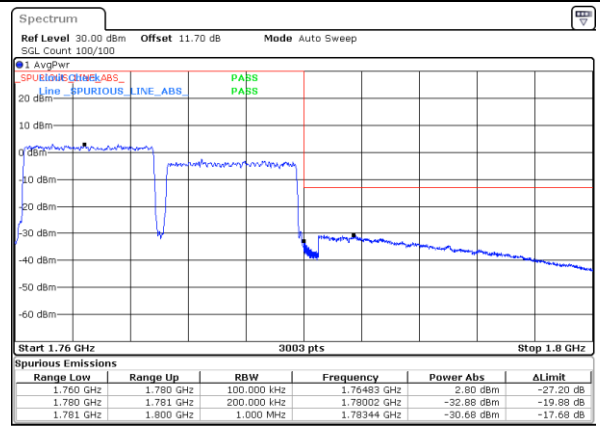
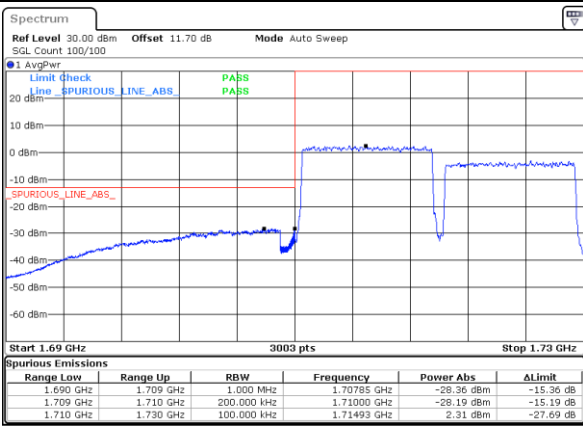


Date: 13.MAR.2024 11:23:49

Date: 13.MAR.2024 11:07:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 11:14:25

Date: 13.MAR.2024 10:57:59



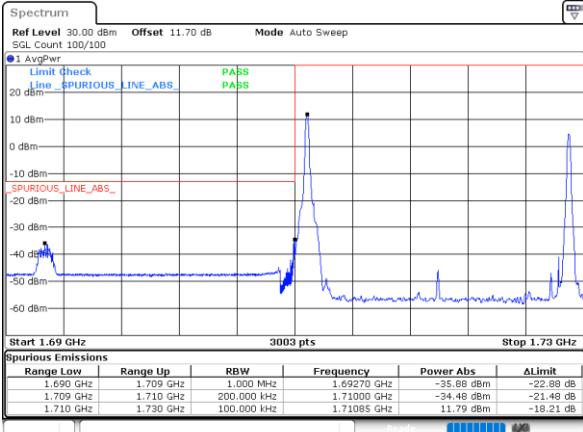


LTE Band 66B / 15MHz+5MHz

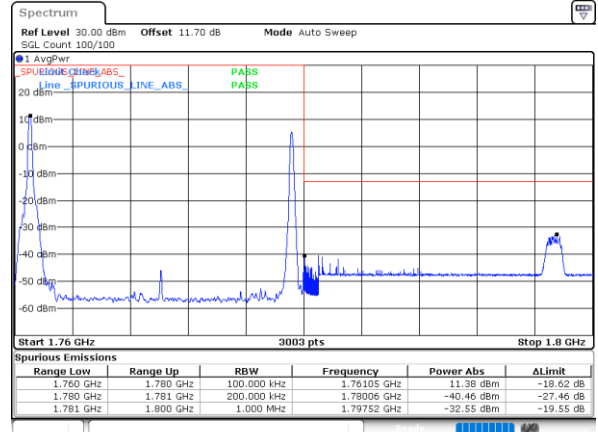
16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



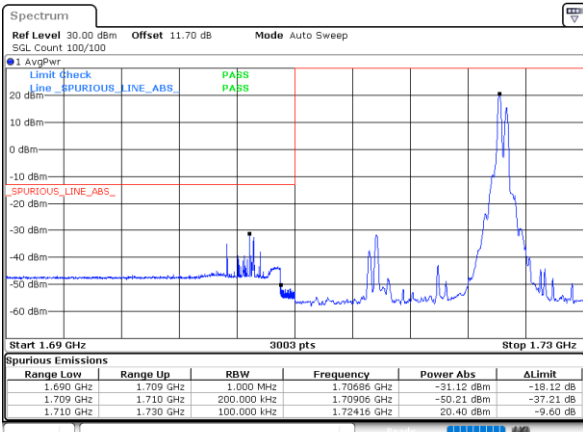
Date: 13.MAR.2024 10:43:21



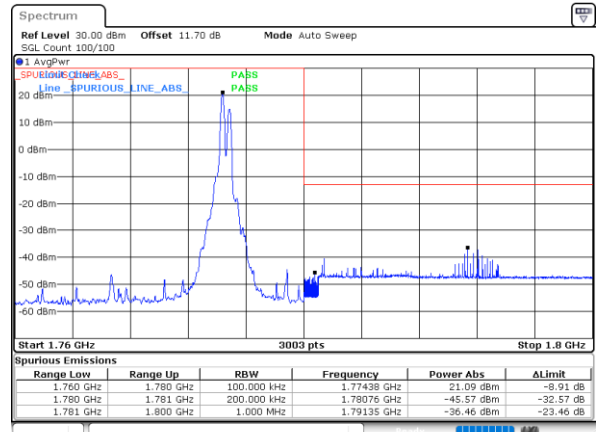
Date: 13.MAR.2024 10:29:17

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0



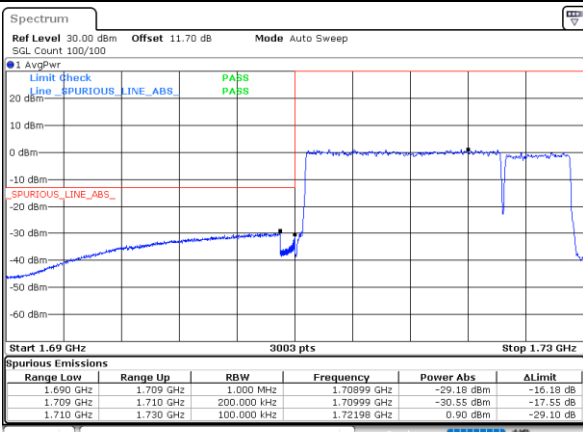
Date: 13.MAR.2024 10:48:03



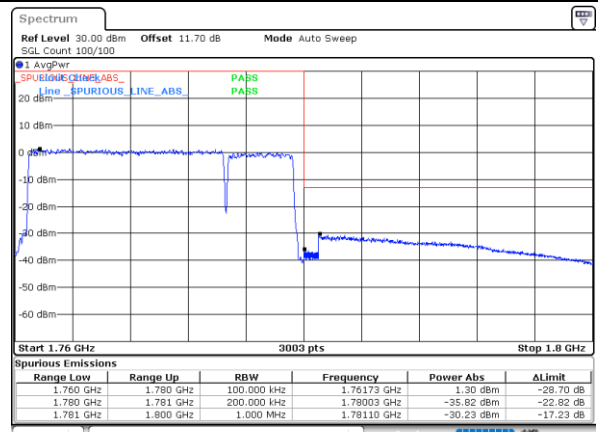
Date: 13.MAR.2024 10:34:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 10:38:38



Date: 13.MAR.2024 10:24:33