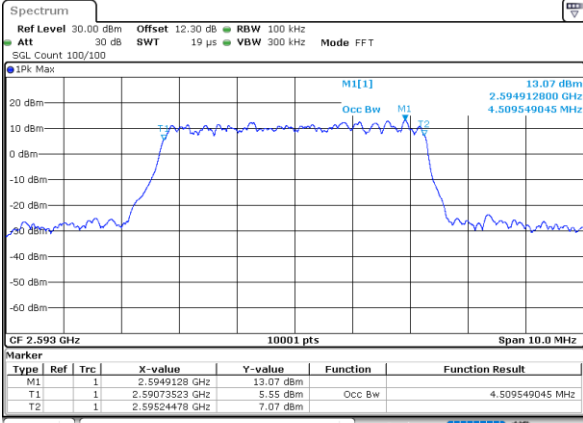




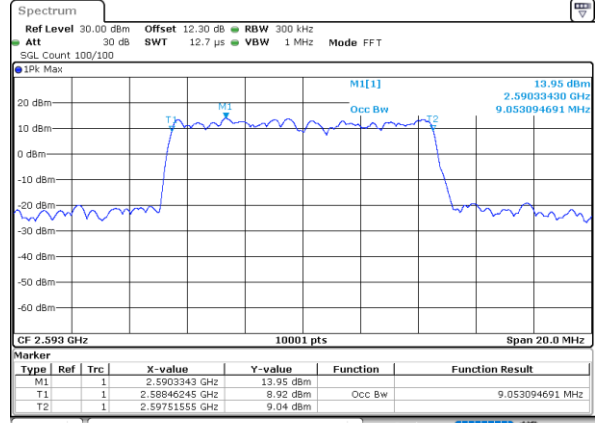
LTE Band 41

Middle Channel / 5MHz / 256QAM



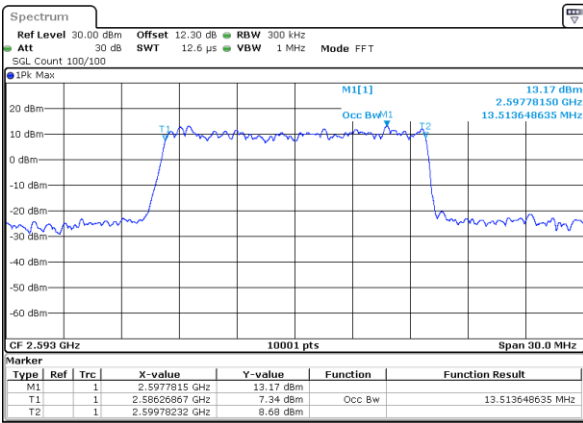
Date: 23_JUL_2024 17:58:50

Middle Channel / 10MHz / 256QAM



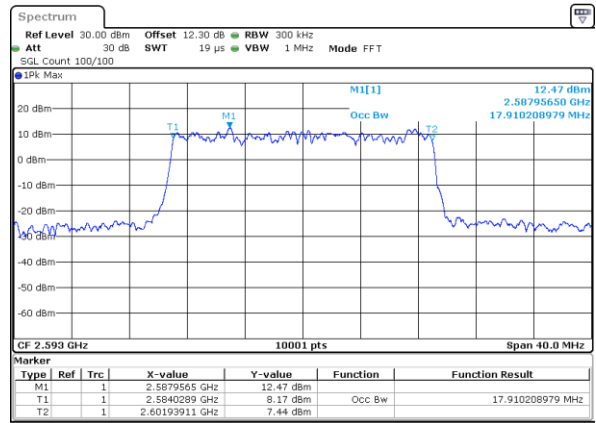
Date: 23_JUL_2024 18:37:10

Middle Channel / 15MHz / 256QAM



Date: 23_JUL_2024 20:37:18

Middle Channel / 20MHz / 256QAM



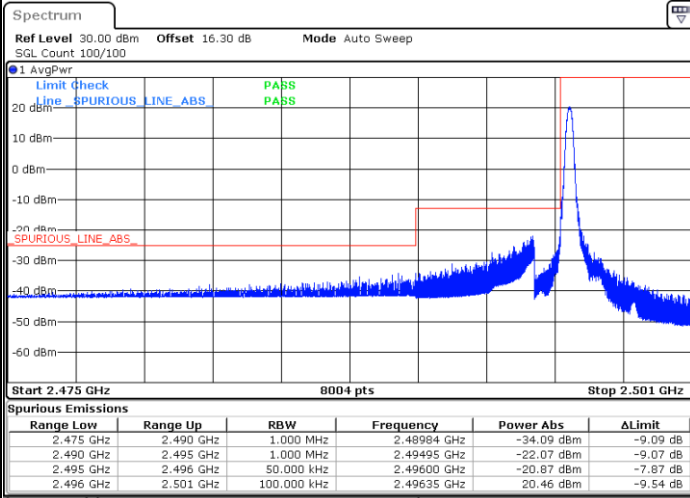
Date: 23_JUL_2024 22:26:58



Conducted Band Edge

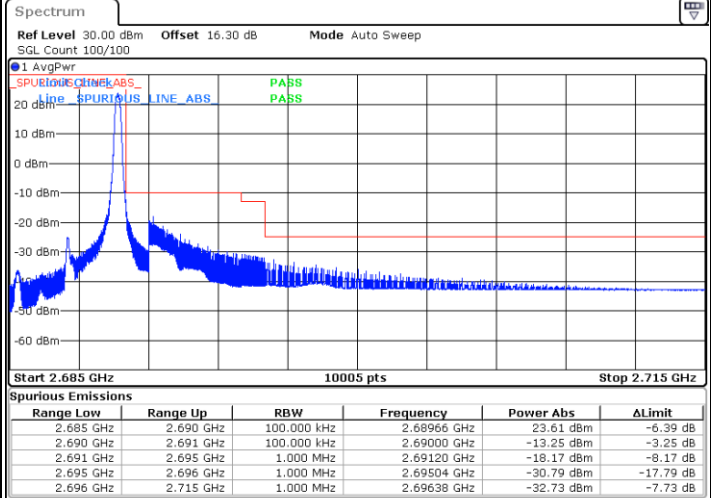
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



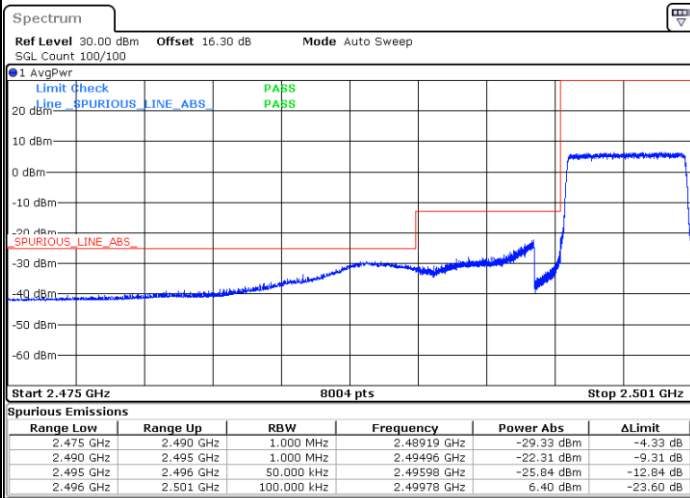
Date: 23.JUL.2024 17:25:06

Highest Band Edge / 1 RB



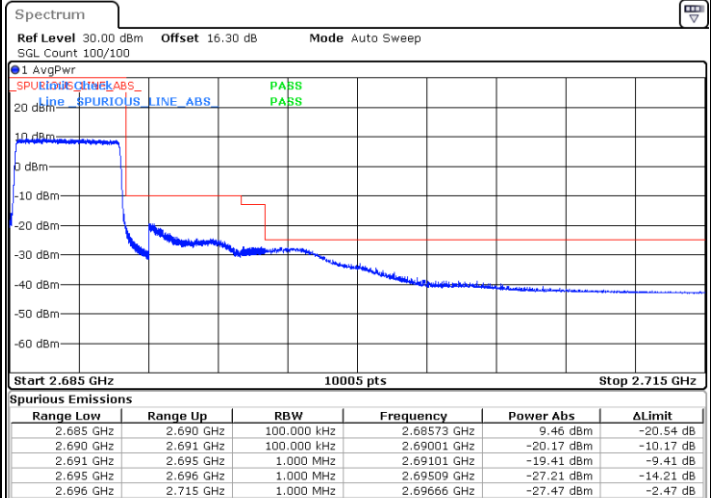
Date: 23.JUL.2024 17:49:05

Lowest Band Edge / Full RB



Date: 23.JUL.2024 17:34:29

Highest Band Edge / Full RB

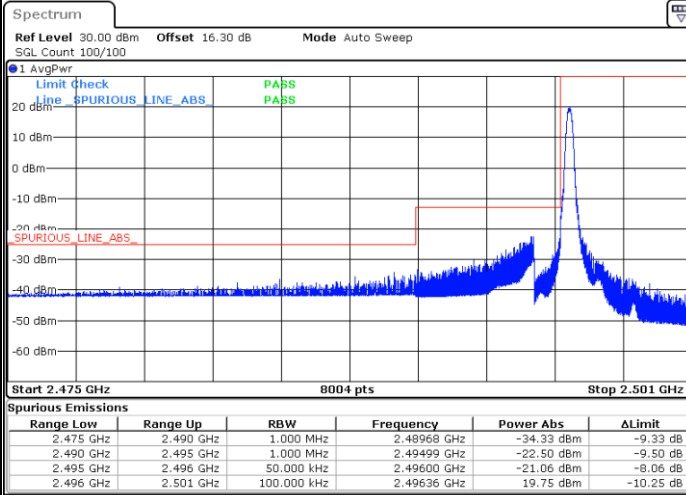


Date: 23.JUL.2024 17:41:35



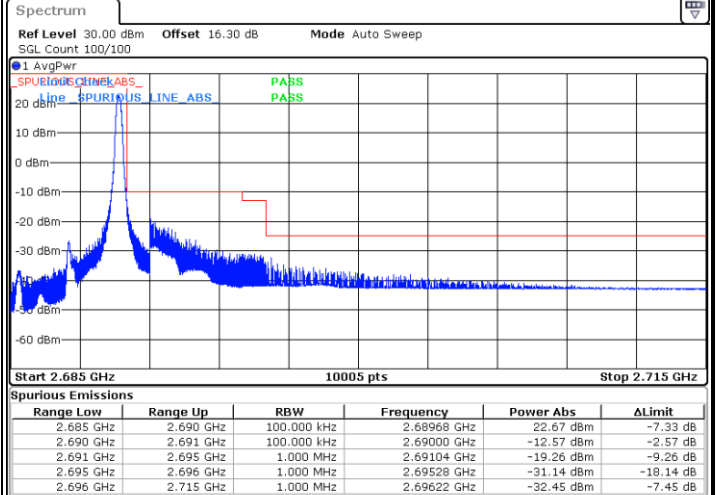
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



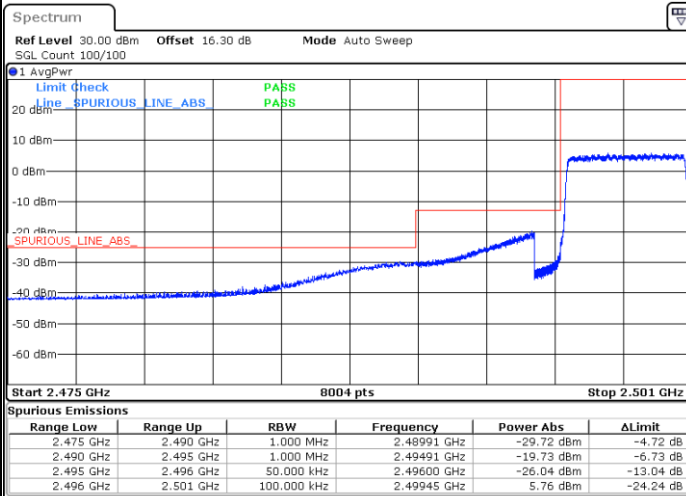
Date: 23.JUL.2024 17:26:55

Highest Band Edge / 1 RB



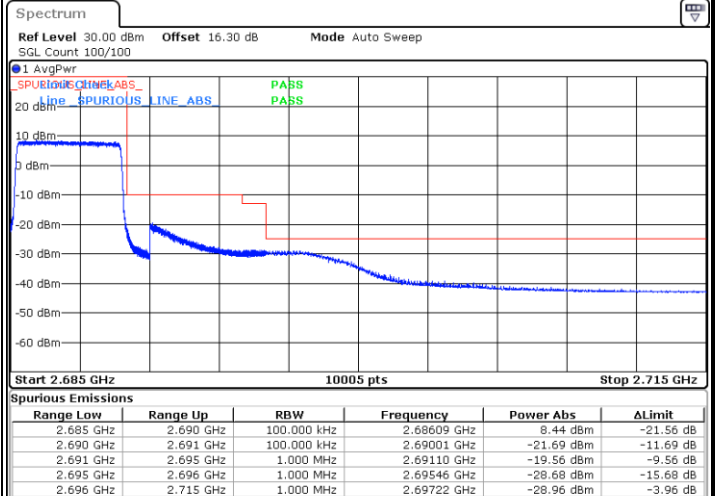
Date: 23.JUL.2024 17:50:48

Lowest Band Edge / Full RB



Date: 23.JUL.2024 17:36:10

Highest Band Edge / Full RB

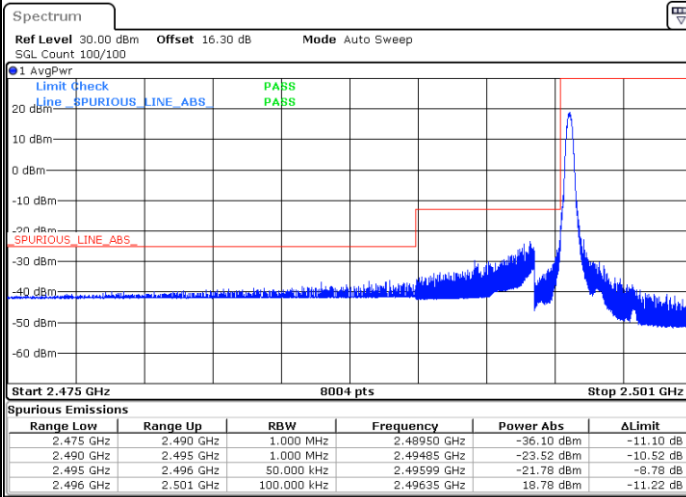


Date: 23.JUL.2024 17:43:34



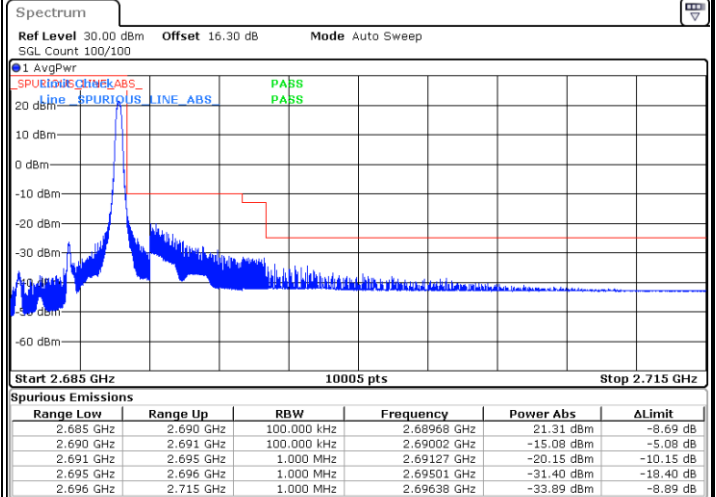
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



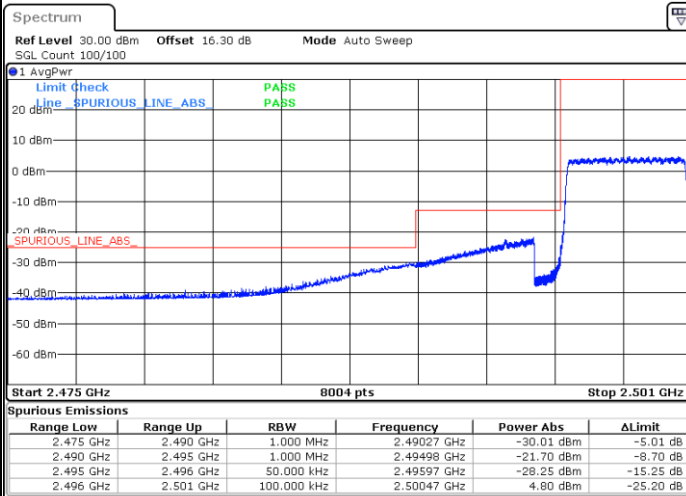
Date: 23.JUL.2024 17:28:34

Highest Band Edge / 1 RB



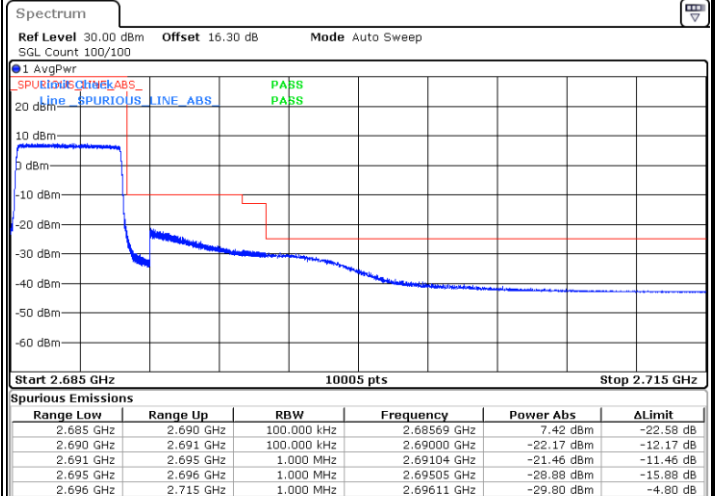
Date: 23.JUL.2024 17:52:17

Lowest Band Edge / Full RB



Date: 23.JUL.2024 17:37:59

Highest Band Edge / Full RB

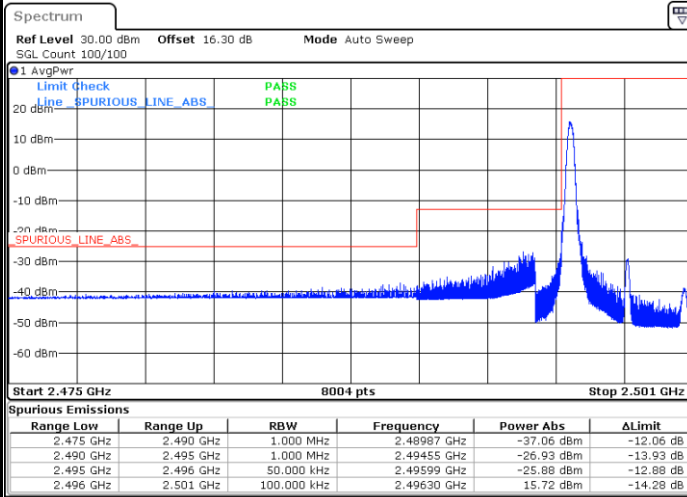


Date: 23.JUL.2024 17:45:34



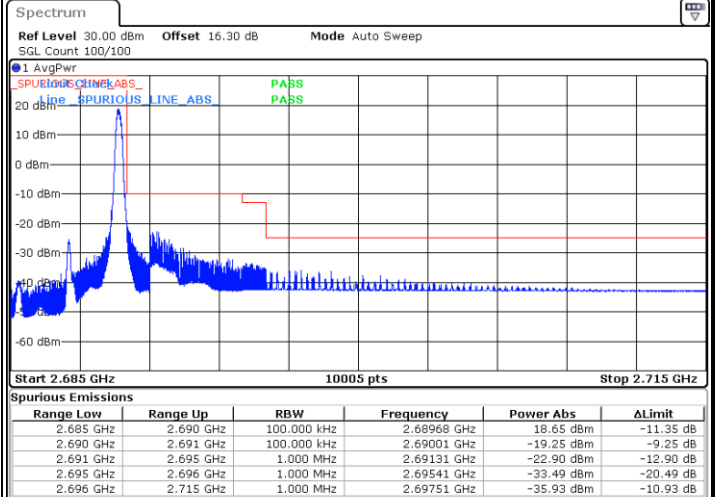
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



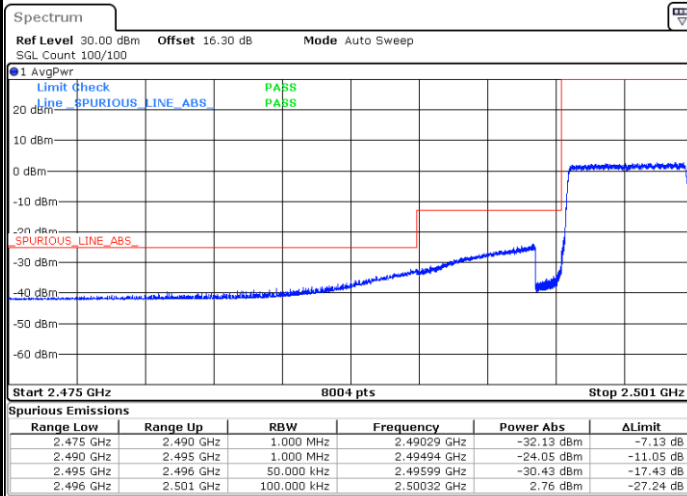
Date: 23.JUL.2024 17:30:00

Highest Band Edge / 1 RB



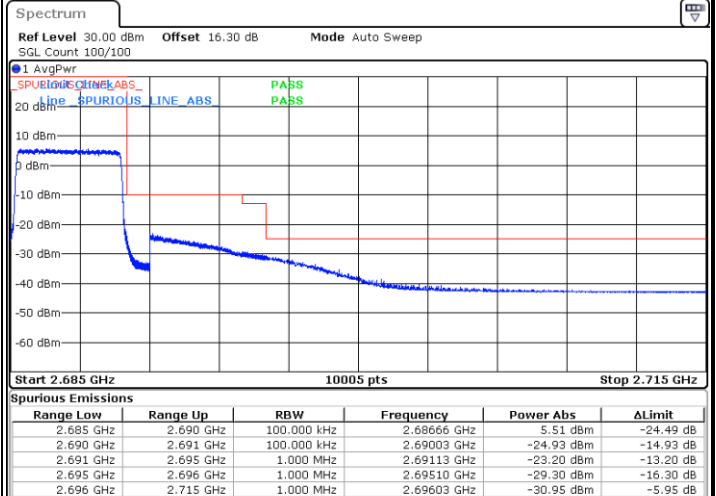
Date: 23.JUL.2024 17:53:55

Lowest Band Edge / Full RB



Date: 23.JUL.2024 17:39:47

Highest Band Edge / Full RB

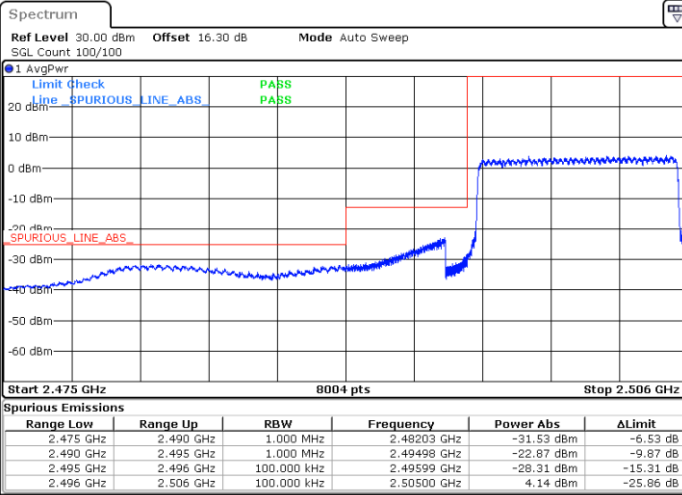


Date: 23.JUL.2024 17:47:19



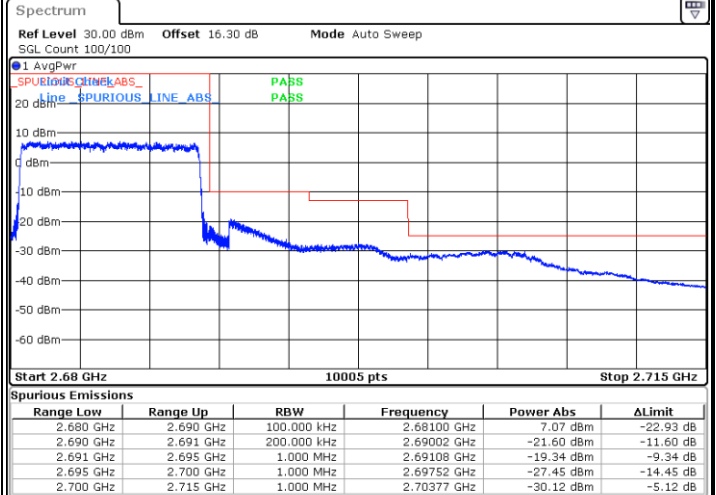
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 23.JUL.2024 18:12:06

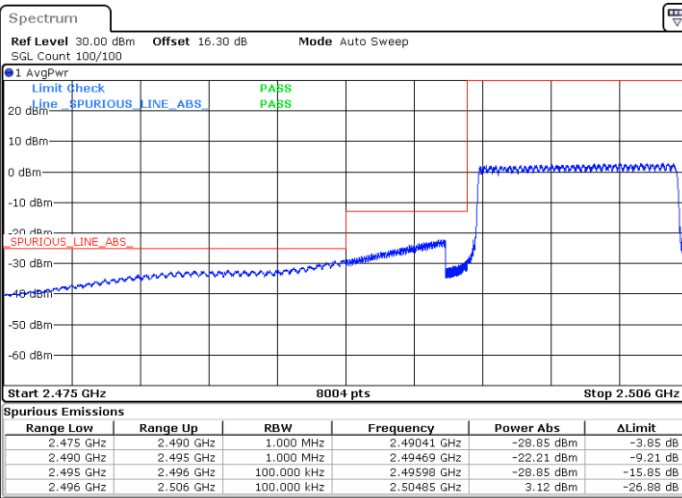
Highest Band Edge / Full RB



Date: 23.JUL.2024 18:27:28

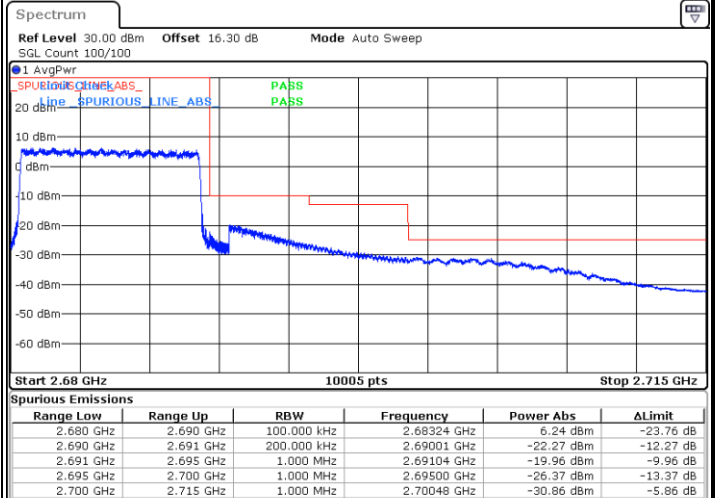
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 18:13:31

Highest Band Edge / Full RB

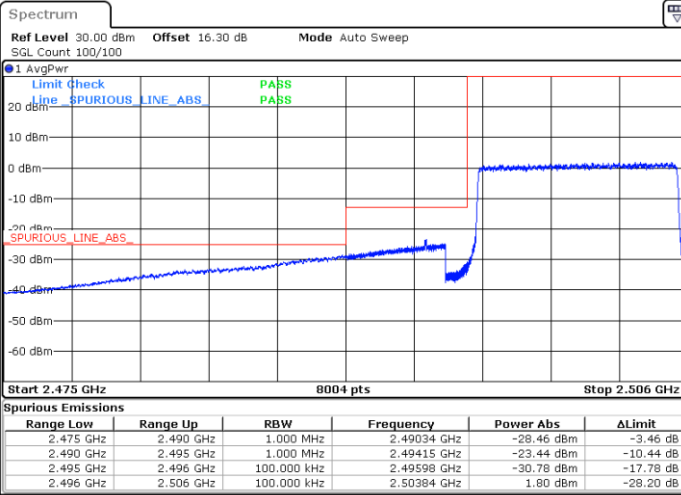


Date: 23.JUL.2024 18:29:04



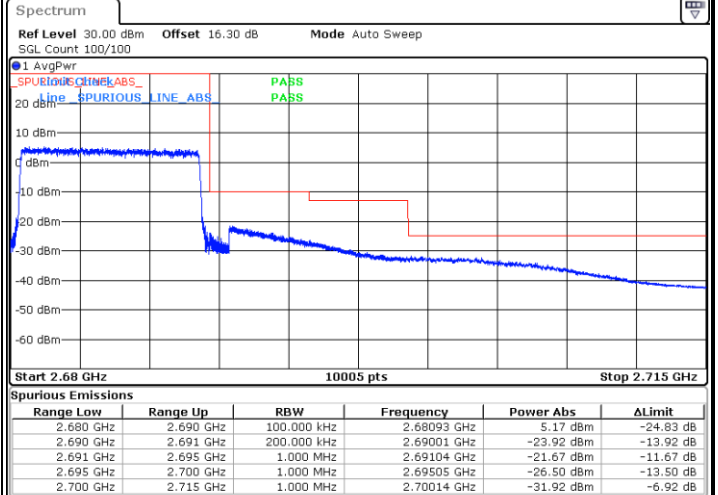
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 18:15:04

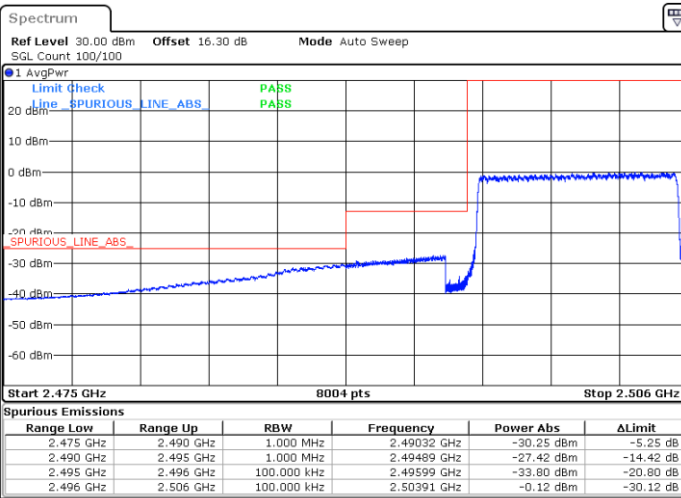
Highest Band Edge / Full RB



Date: 23.JUL.2024 18:30:54

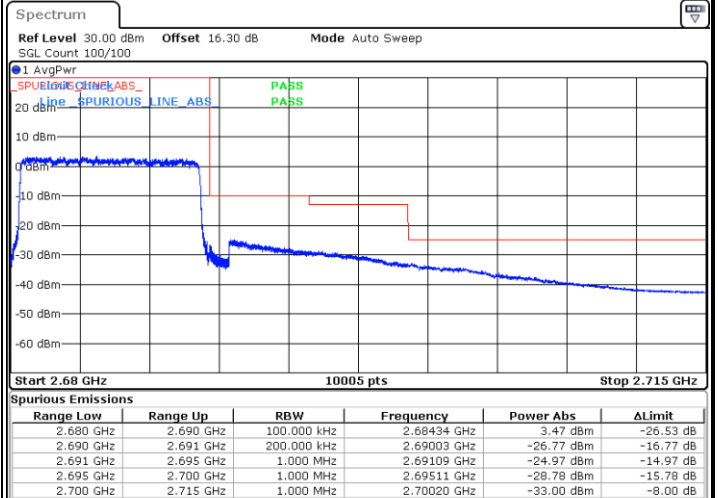
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 18:16:40

Highest Band Edge / Full RB



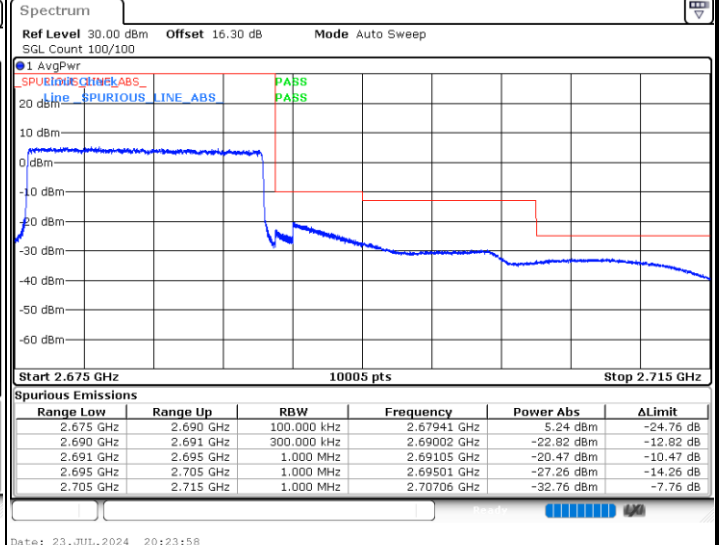
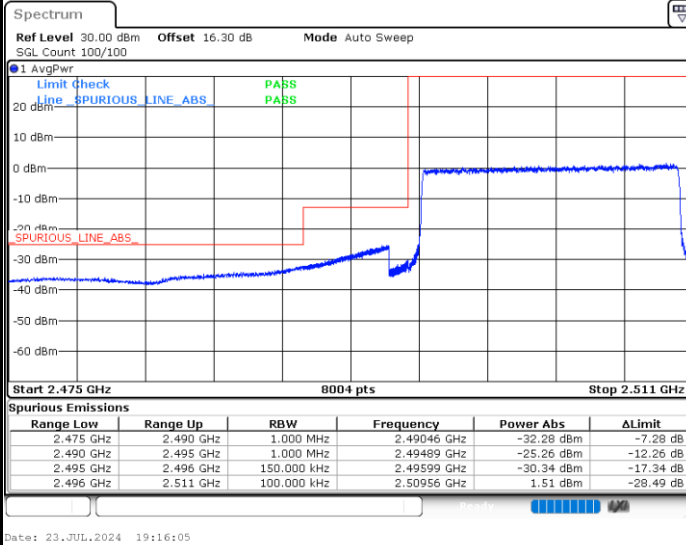
Date: 23.JUL.2024 18:32:28



LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB

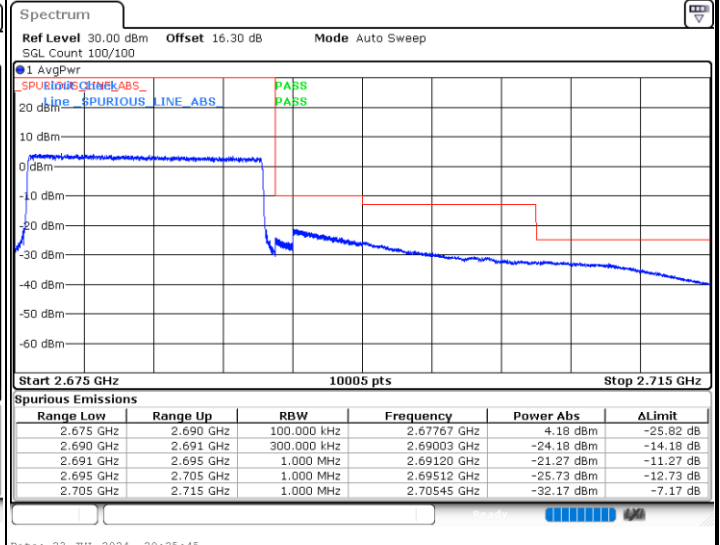
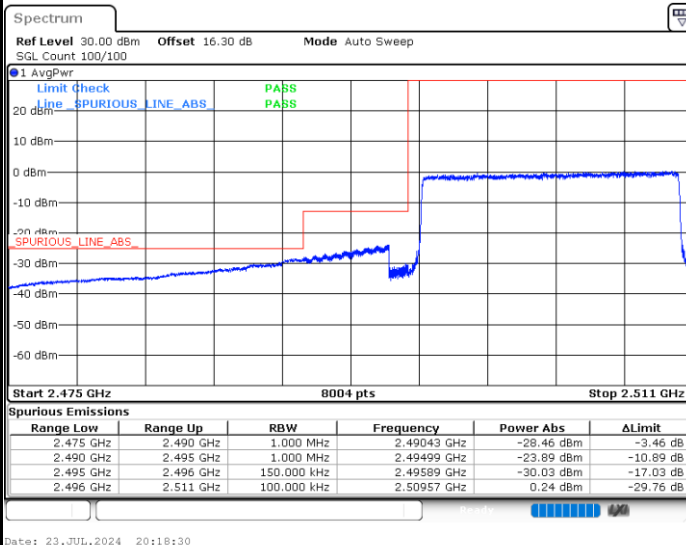
Highest Band Edge / Full RB



LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB

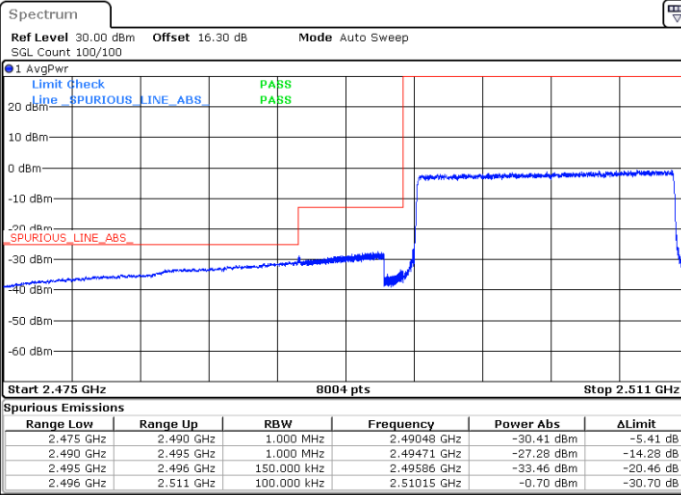
Highest Band Edge / Full RB





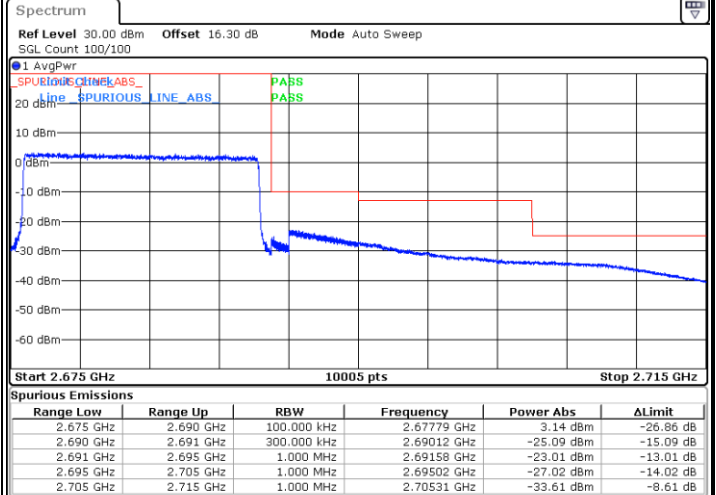
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 19:19:44

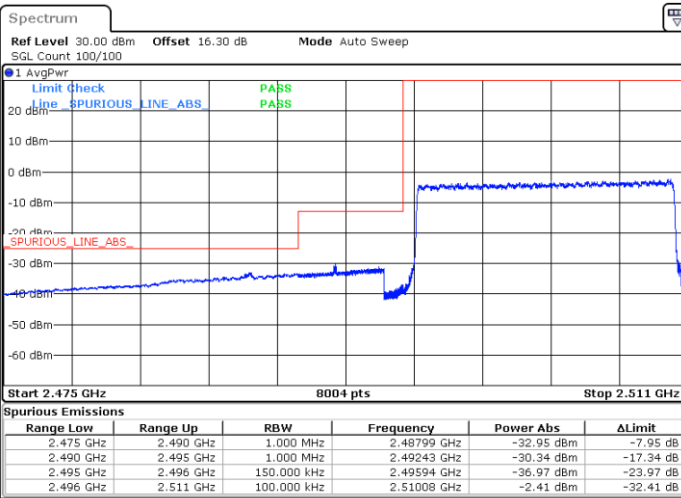
Highest Band Edge / Full RB



Date: 23.JUL.2024 20:30:52

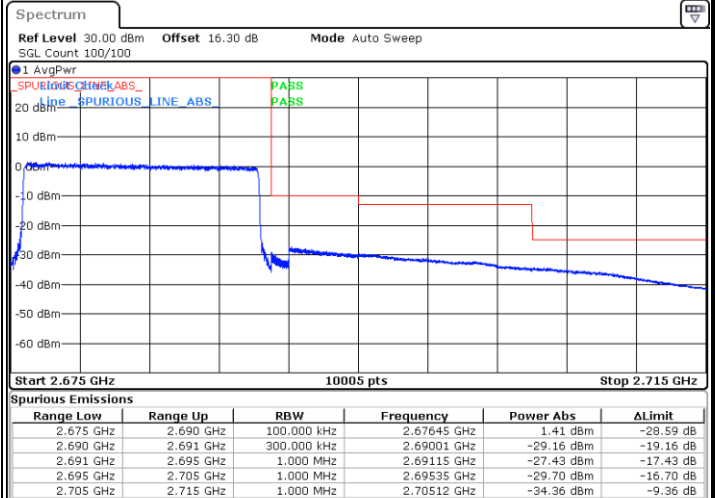
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 19:21:30

Highest Band Edge / Full RB

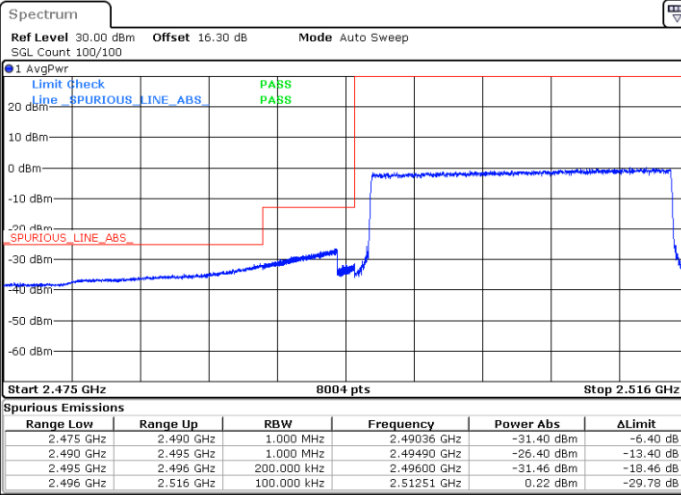


Date: 23.JUL.2024 20:32:38



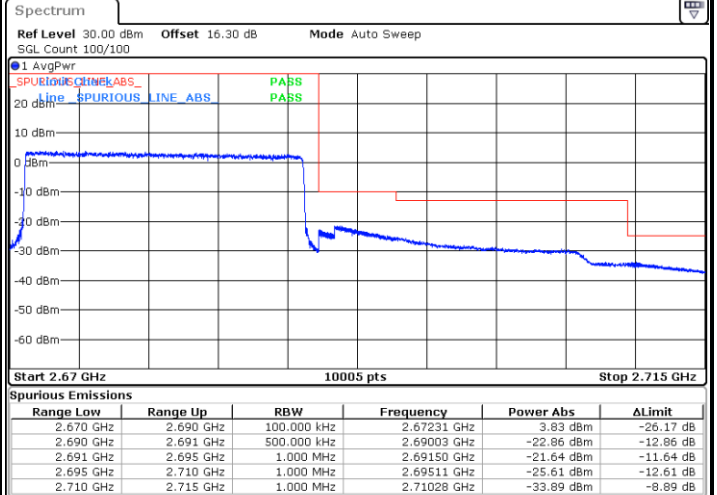
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 23.JUL.2024 21:10:54

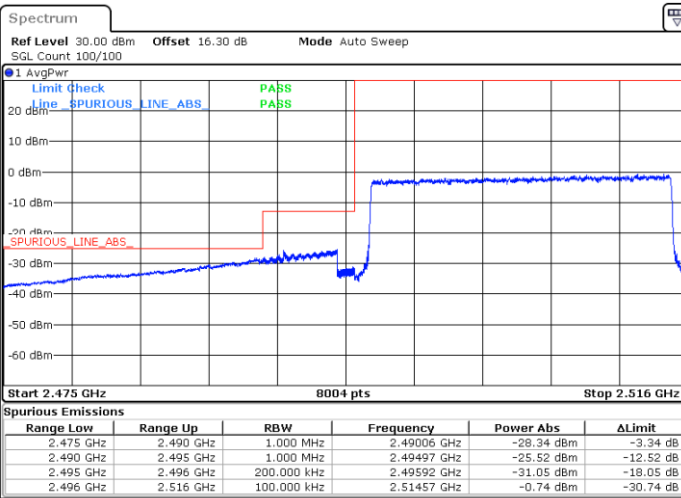
Highest Band Edge / Full RB



Date: 23.JUL.2024 21:18:21

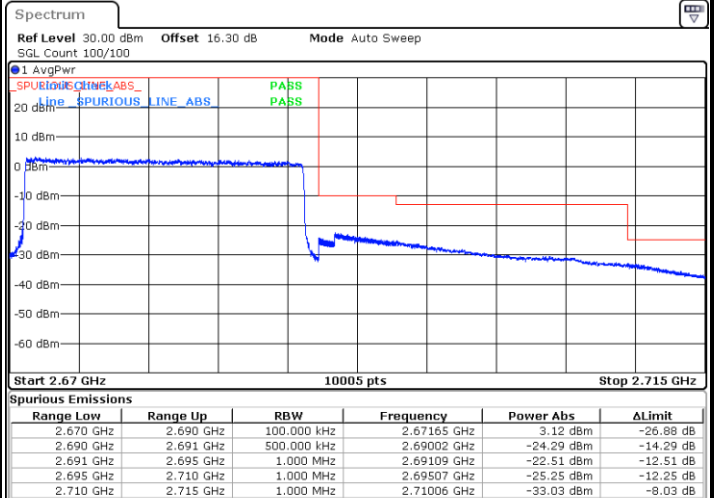
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 21:12:46

Highest Band Edge / Full RB

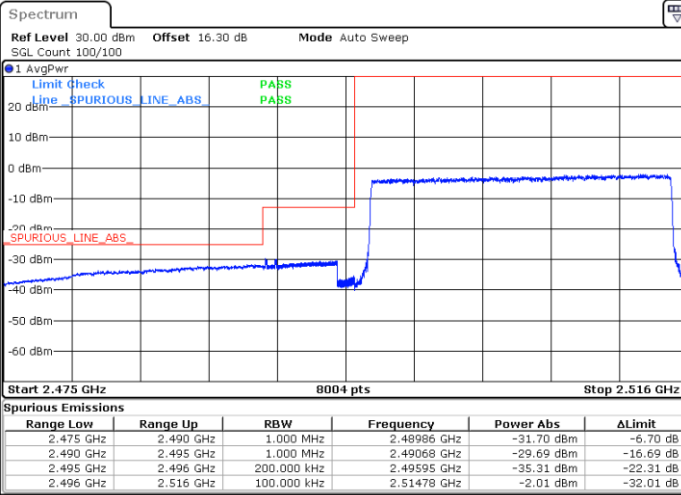


Date: 23.JUL.2024 21:20:13



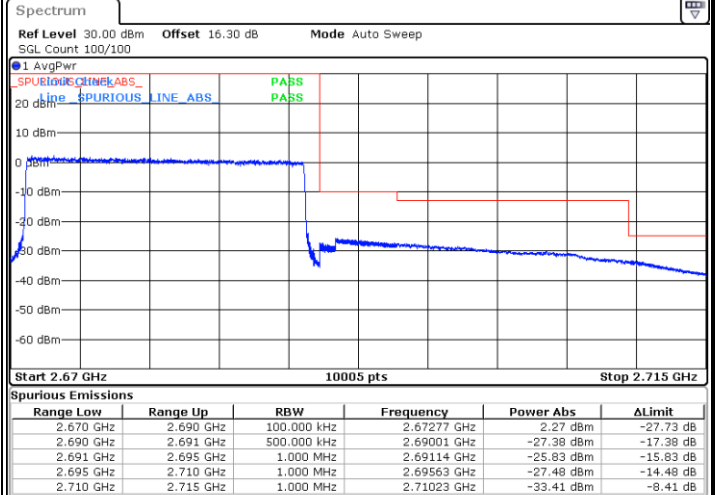
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 21:14:37

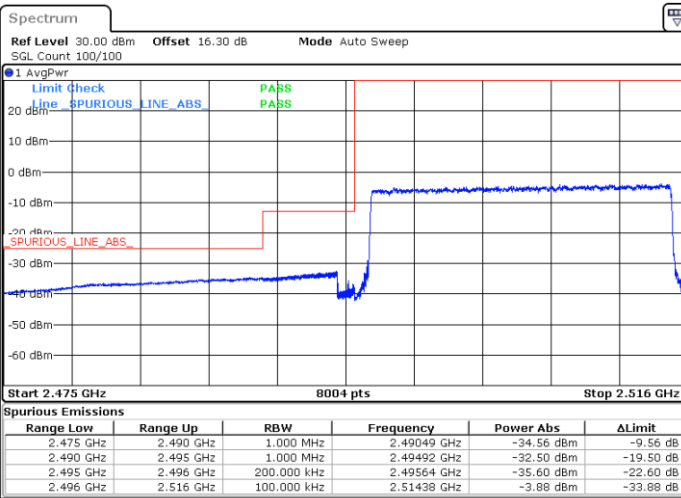
Highest Band Edge / Full RB



Date: 23.JUL.2024 21:25:18

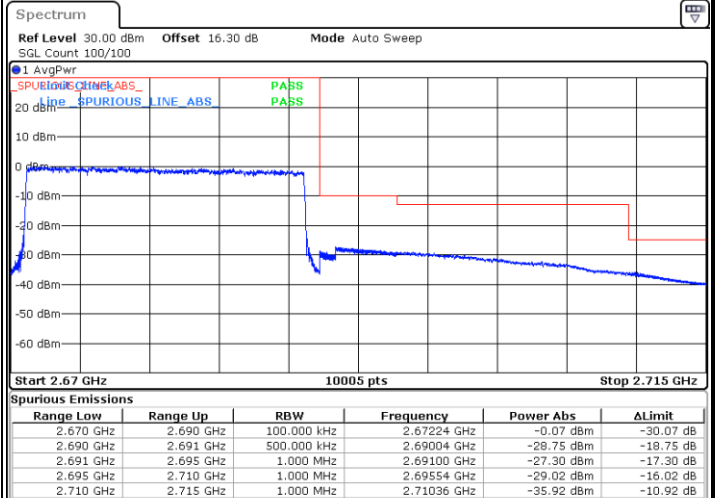
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 23.JUL.2024 21:16:21

Highest Band Edge / Full RB



Date: 23.JUL.2024 21:26:56

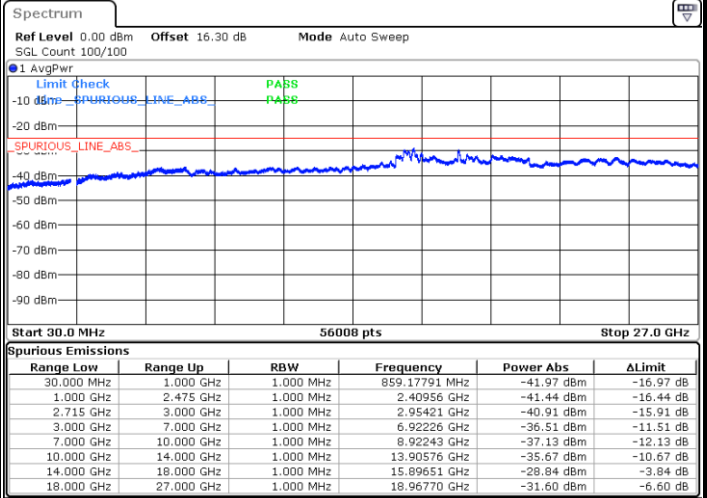
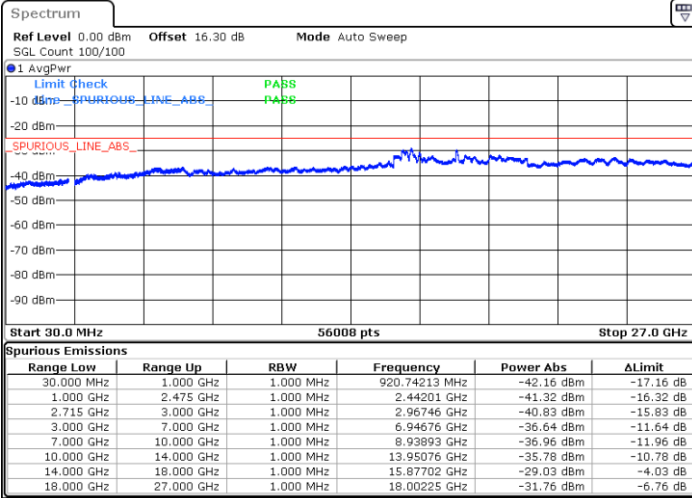


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

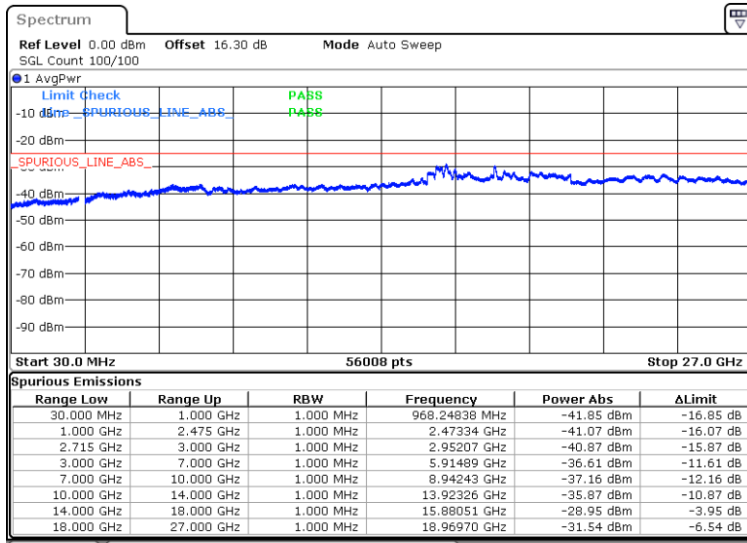
Middle Channel / QPSK



Date: 23.JUL.2024 18:04:49

Date: 23.JUL.2024 18:06:41

Highest Channel / QPSK



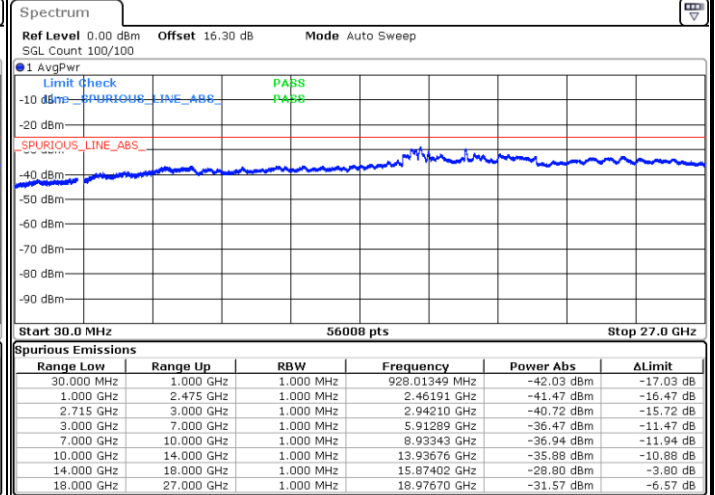
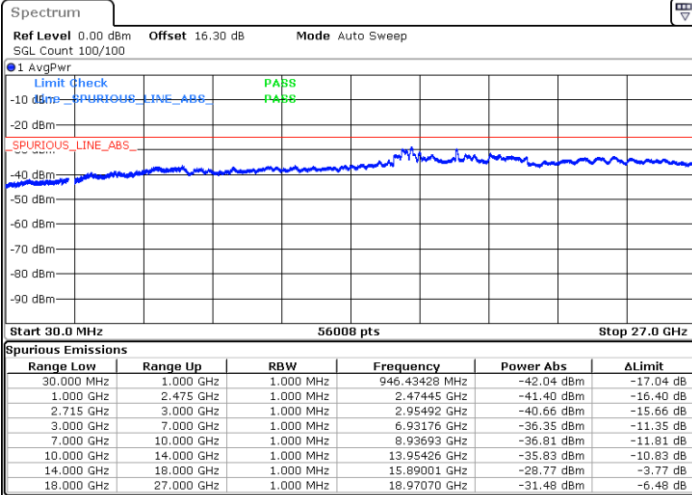
Date: 23.JUL.2024 18:10:22



LTE Band 41 / 10MHz

Lowest Channel / QPSK

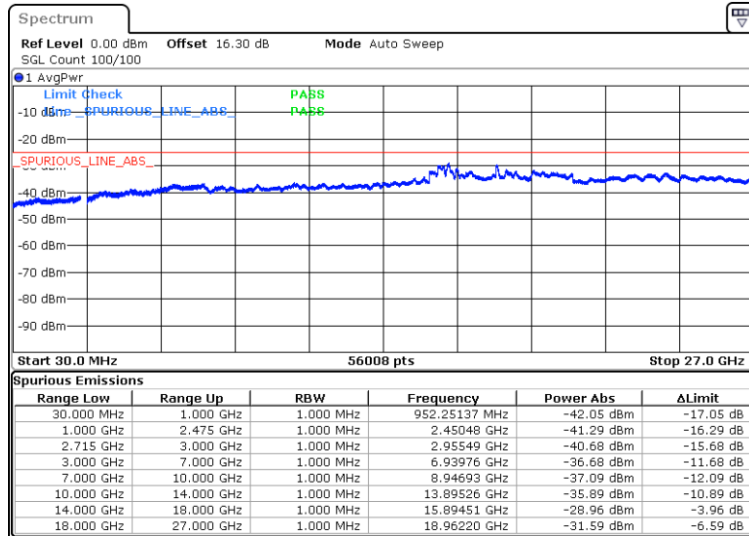
Middle Channel / QPSK



Date: 23.JUL.2024 20:10:39

Date: 23.JUL.2024 20:12:33

Highest Channel / QPSK



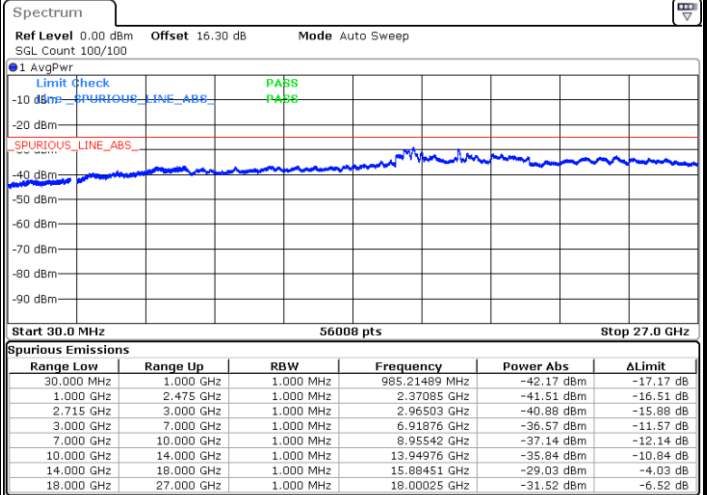
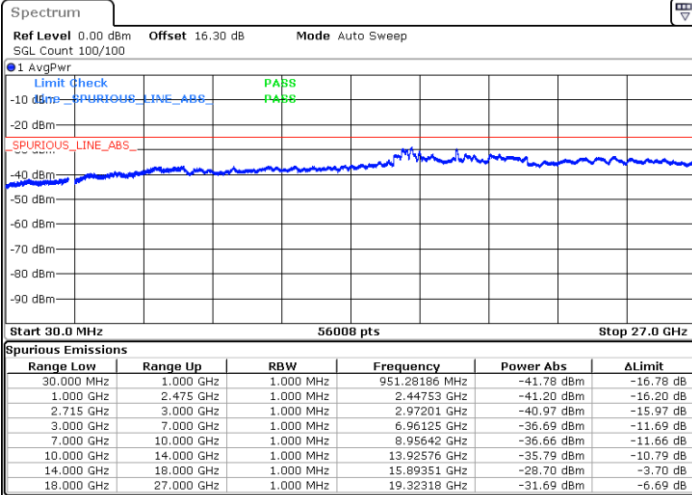
Date: 23.JUL.2024 19:14:07



LTE Band 41 / 15MHz

Lowest Channel / QPSK

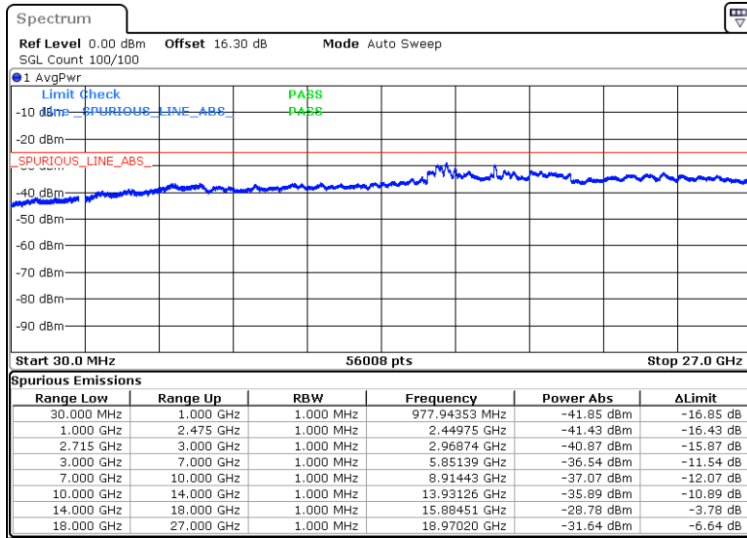
Middle Channel / QPSK



Date: 23.JUL.2024 21:02:08

Date: 23.JUL.2024 21:06:35

Highest Channel / QPSK



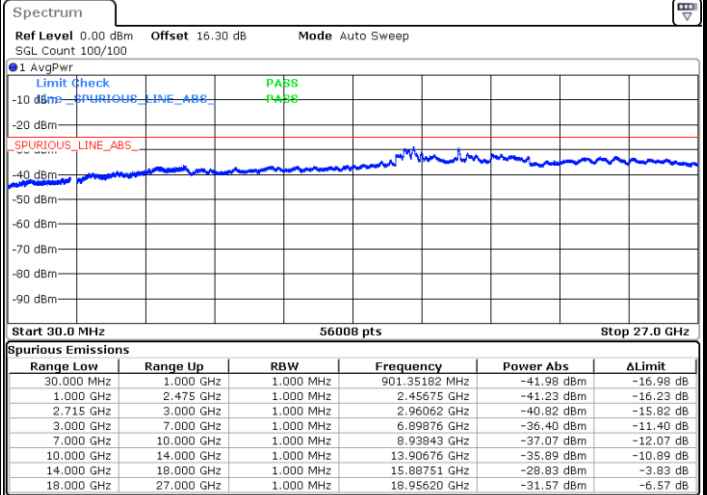
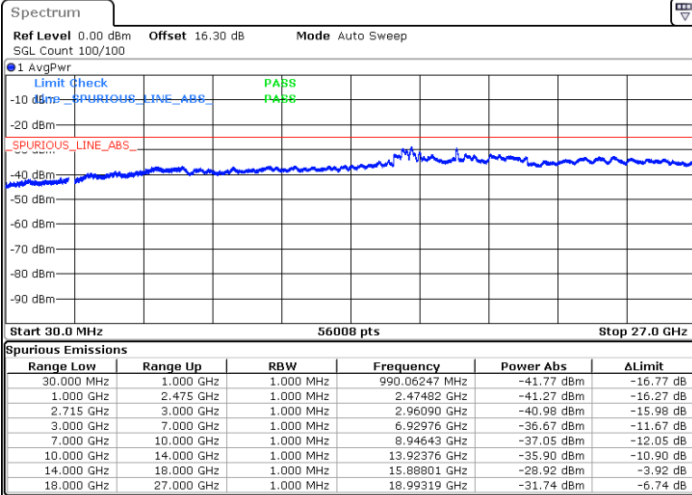
Date: 23.JUL.2024 21:08:40



LTE Band 41 / 20MHz

Lowest Channel / QPSK

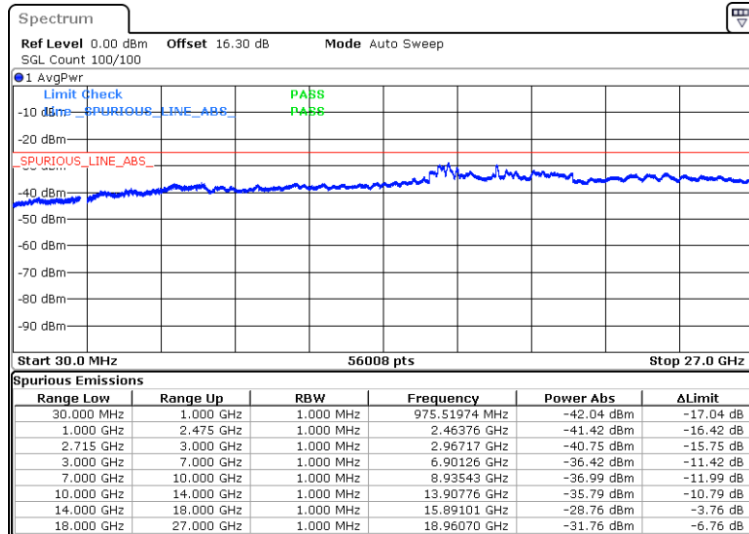
Middle Channel / QPSK



Date: 23.JUL.2024 22:34:11

Date: 23.JUL.2024 22:40:00

Highest Channel / QPSK



Date: 23.JUL.2024 22:42:09



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.12	29.91	25.42	30.44
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.82	24.92	30.08	34.89	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.67	25.22	29.85	25.17	30.50
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.82	24.92	30.03	34.82	39.71

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.67	25.22	30.08	25.12	30.74
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.97	30.21	35.59	39.79

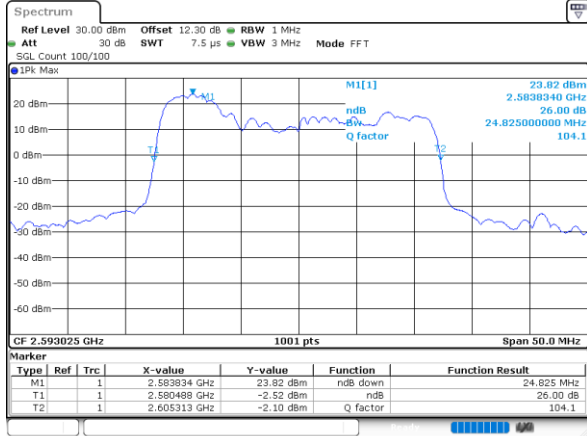
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.07	29.85	25.57	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.82	24.92	30.14	34.89	39.79



LTE Band 41C

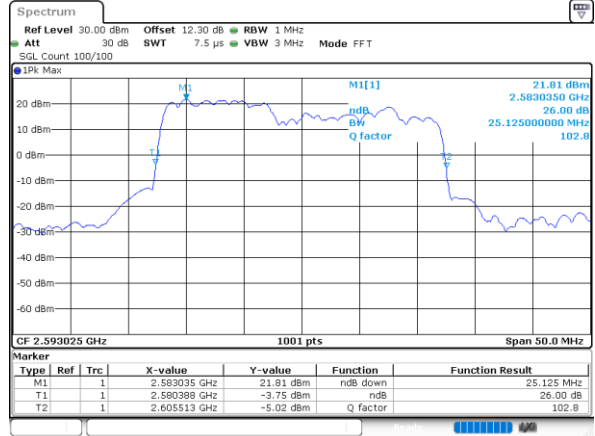
QPSK

Middle Channel / 5MHz+20MHz



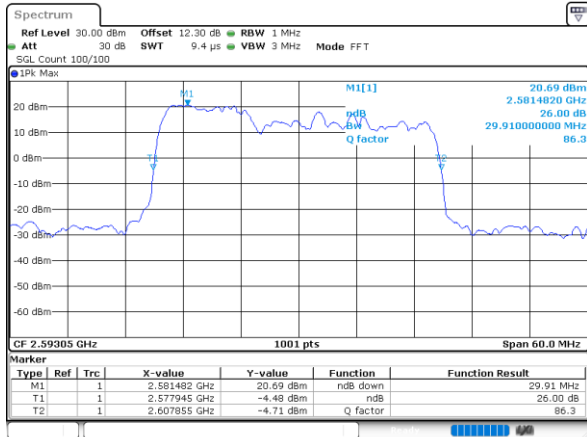
Date: 24.JUL.2024 09:39:53

Middle Channel / 10MHz+15MHz



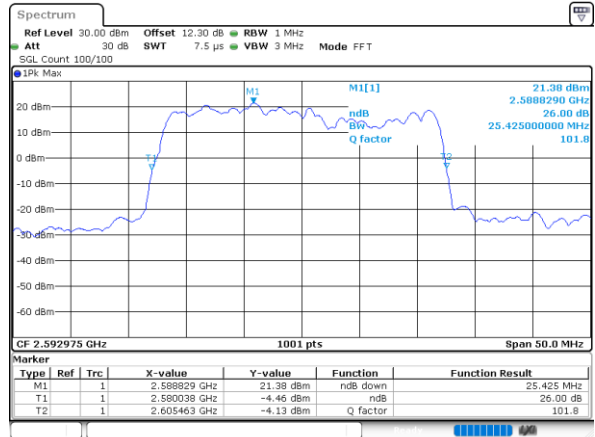
Date: 24.JUL.2024 10:01:17

Middle Channel / 10MHz+20MHz



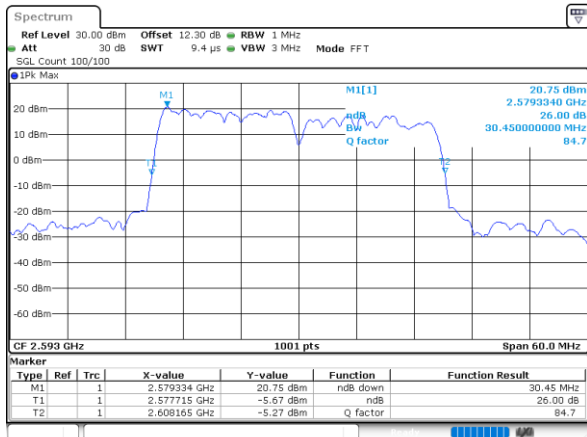
Date: 24.JUL.2024 10:23:41

Middle Channel / 15MHz+10MHz



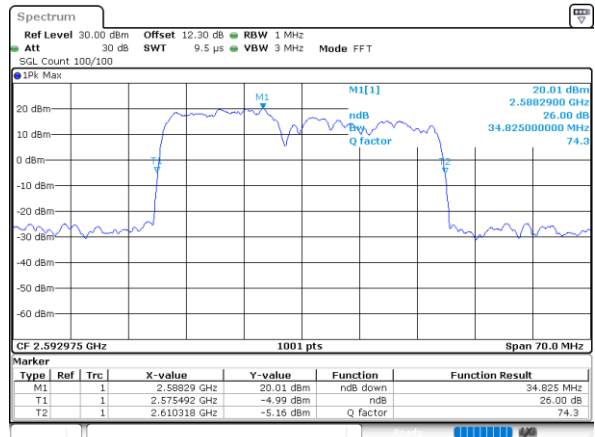
Date: 24.JUL.2024 10:12:37

Middle Channel / 15MHz+15MHz



Date: 24.JUL.2024 10:43:10

Middle Channel / 15MHz+20MHz

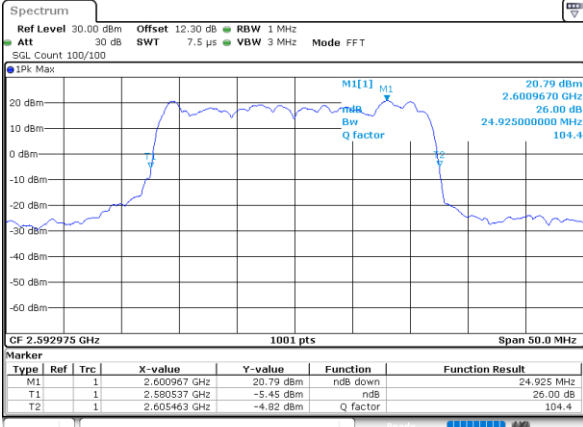


Date: 24.JUL.2024 10:53:41



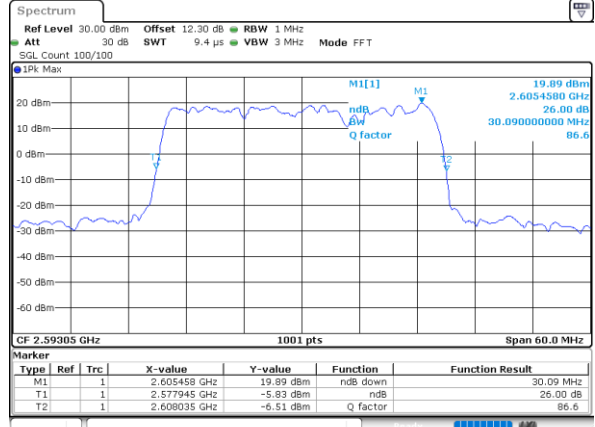
LTE Band 41C

Middle Channel / 20MHz+5MHz



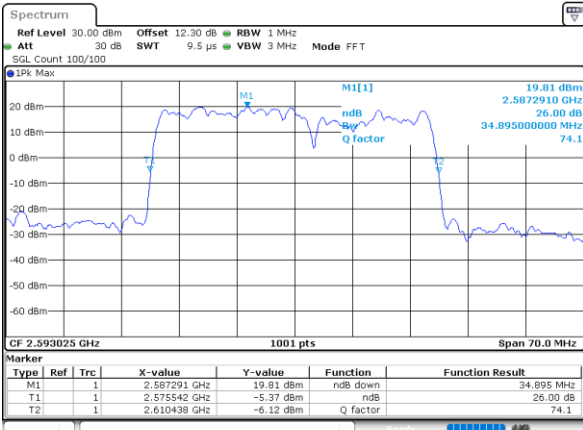
Date: 24.JUL.2024 09:50:30

Middle Channel / 20MHz+10MHz



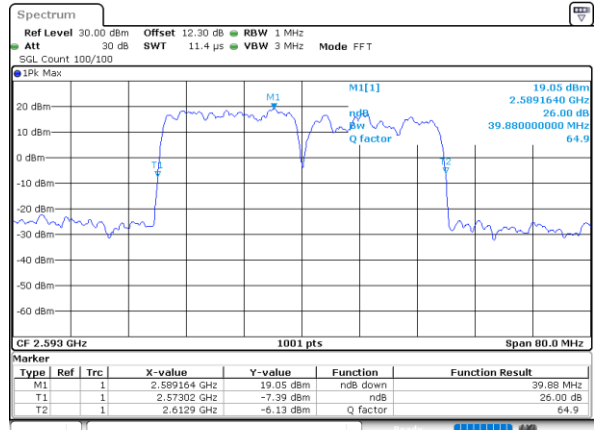
Date: 24.JUL.2024 10:33:41

Middle Channel / 20MHz+15MHz



Date: 24.JUL.2024 11:04:43

Middle Channel / 20MHz+20MHz

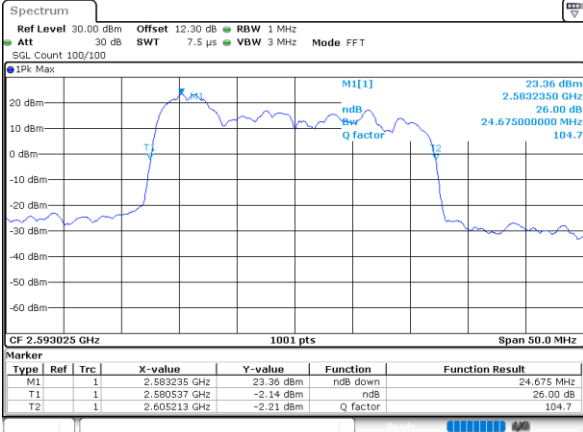


Date: 24.JUL.2024 11:14:50



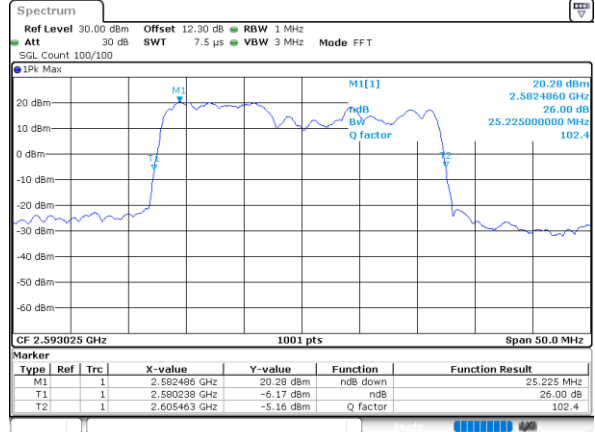
LTE Band 41C

Middle Channel / 5MHz+20MHz



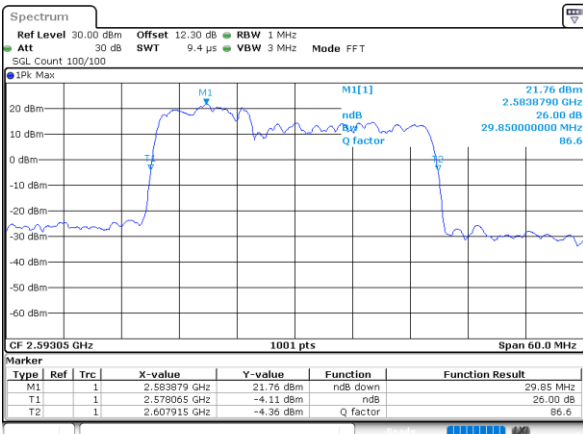
Date: 24_JUL_2024 09:38:21

Middle Channel / 10MHz+15MHz



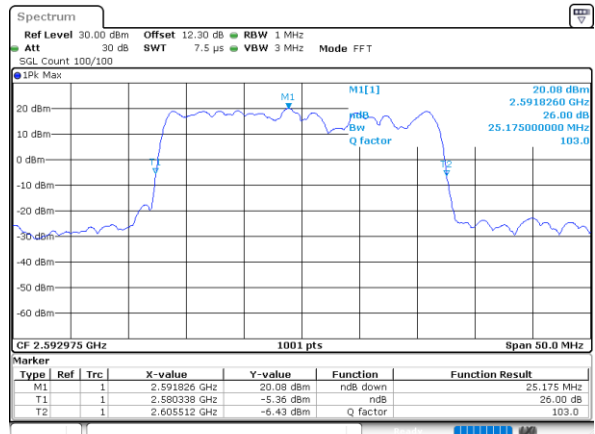
Date: 24_JUL_2024 10:00:05

Middle Channel / 10MHz+20MHz



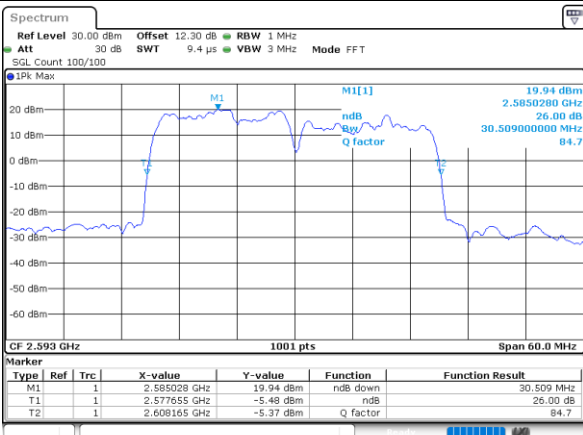
Date: 24_JUL_2024 10:22:38

Middle Channel / 15MHz+10MHz



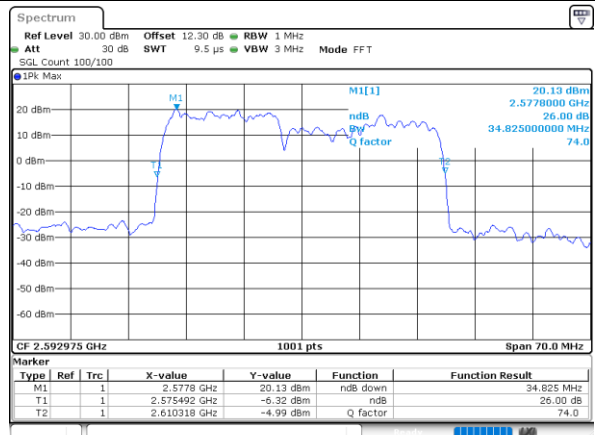
Date: 24_JUL_2024 10:11:12

Middle Channel / 15MHz+15MHz



Date: 24_JUL_2024 10:42:03

Middle Channel / 15MHz+20MHz



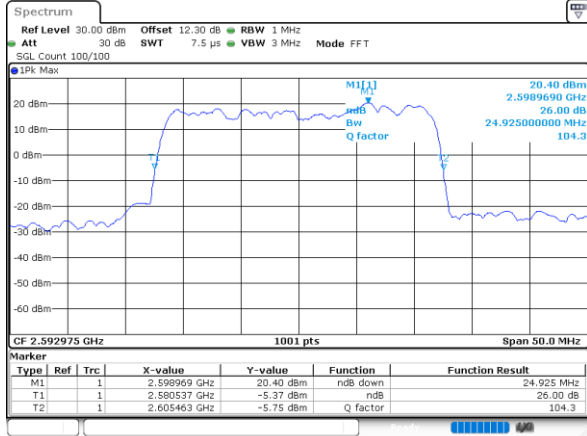
Date: 24_JUL_2024 10:52:30



LTE Band 41C

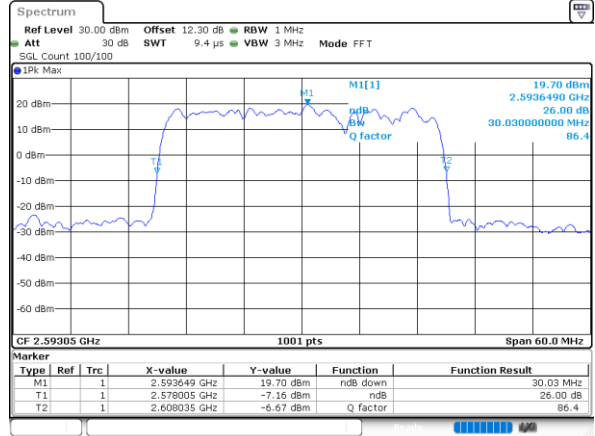
16QAM

Middle Channel / 20MHz+5MHz



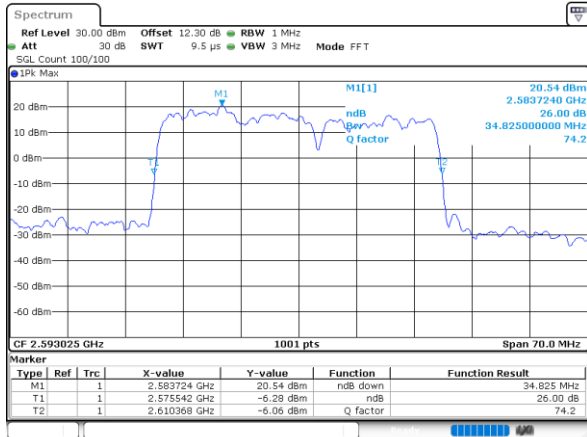
Date: 24.JUL.2024 09:49:16

Middle Channel / 20MHz+10MHz



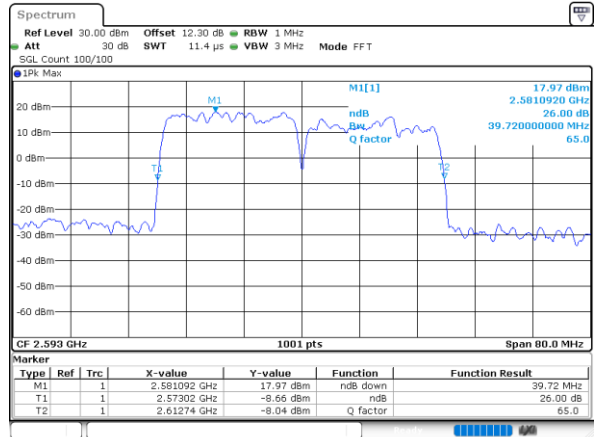
Date: 24.JUL.2024 10:32:31

Middle Channel / 20MHz+15MHz



Date: 24.JUL.2024 11:03:23

Middle Channel / 20MHz+20MHz



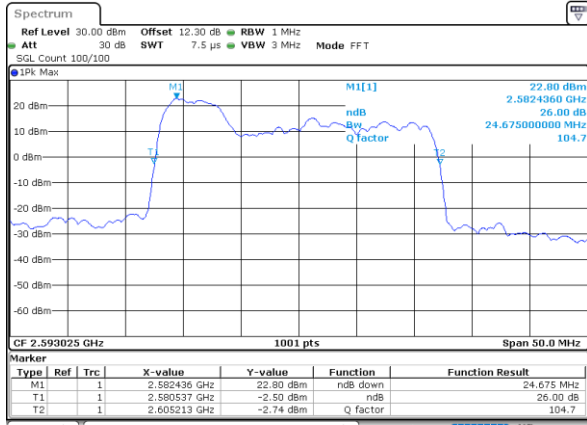
Date: 24.JUL.2024 11:13:40



LTE Band 41C

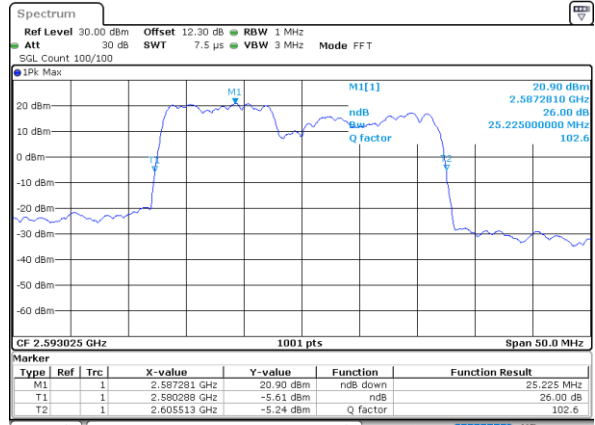
64QAM

Middle Channel / 5MHz+20MHz



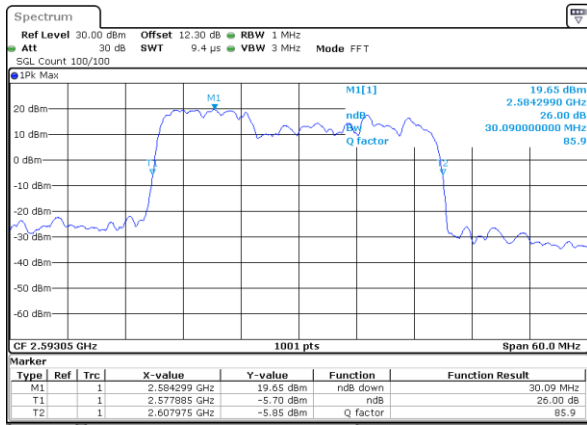
Date: 24.JUL.2024 09:37:01

Middle Channel / 10MHz+15MHz



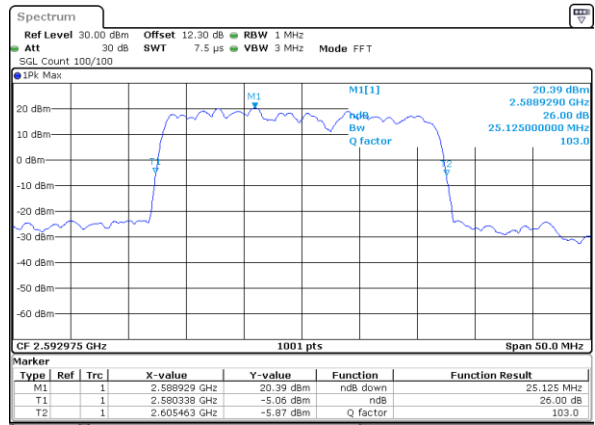
Date: 24.JUL.2024 09:58:57

Middle Channel / 10MHz+20MHz



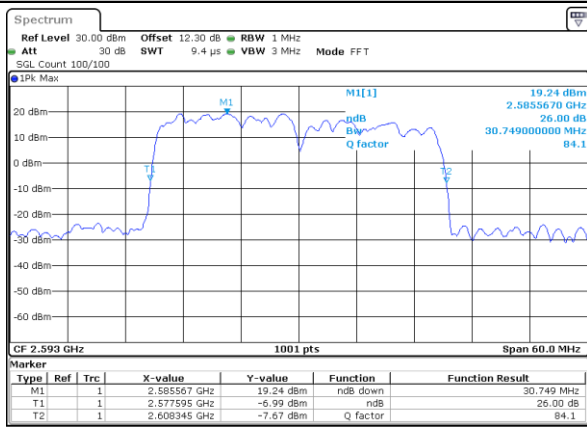
Date: 24.JUL.2024 10:21:12

Middle Channel / 15MHz+10MHz



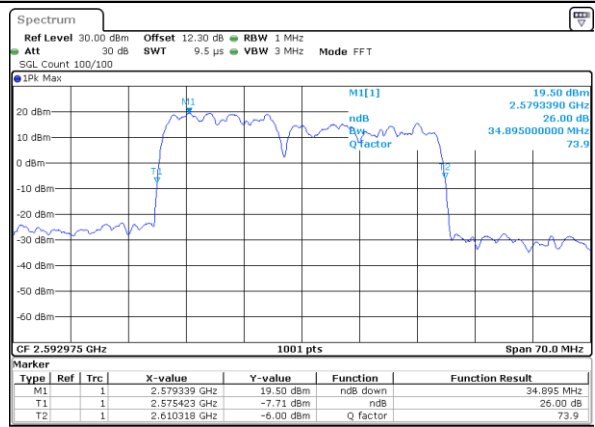
Date: 24.JUL.2024 10:09:52

Middle Channel / 15MHz+15MHz



Date: 24.JUL.2024 10:40:56

Middle Channel / 15MHz+20MHz



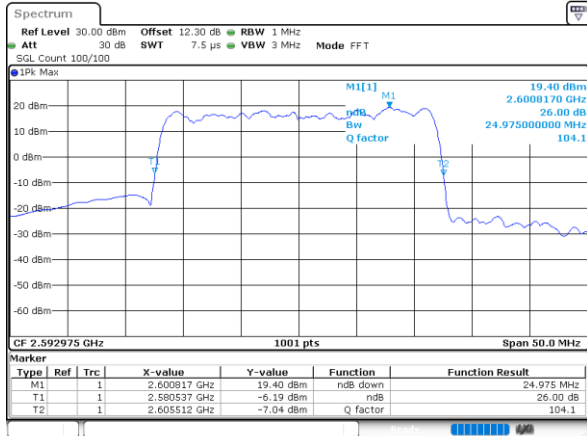
Date: 24.JUL.2024 10:51:12



LTE Band 41C

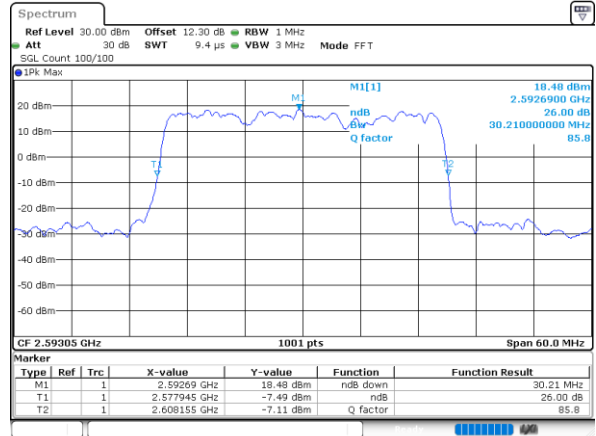
64QAM

Middle Channel / 20MHz+5MHz



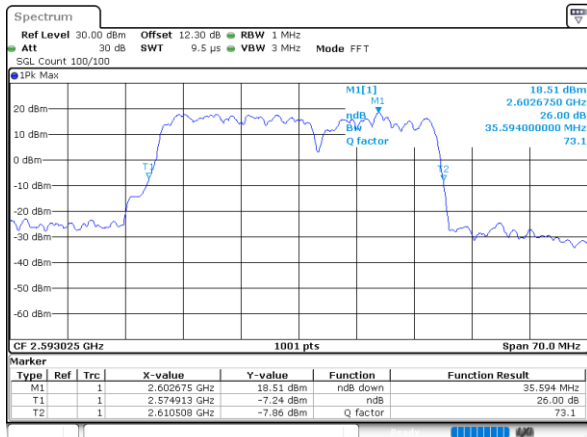
Date: 24.JUL.2024 09:48:03

Middle Channel / 20MHz+10MHz



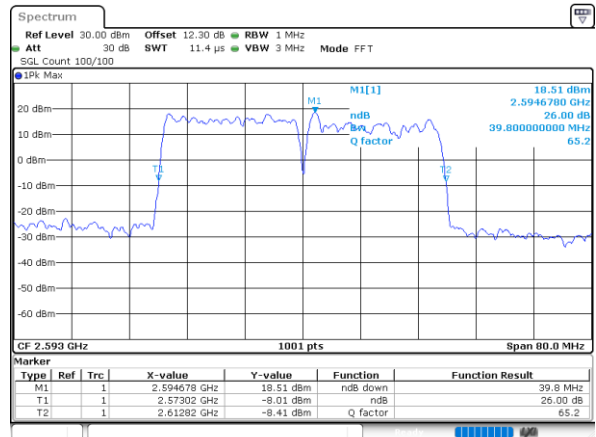
Date: 24.JUL.2024 10:31:11

Middle Channel / 20MHz+15MHz



Date: 24.JUL.2024 11:02:06

Middle Channel / 20MHz+20MHz



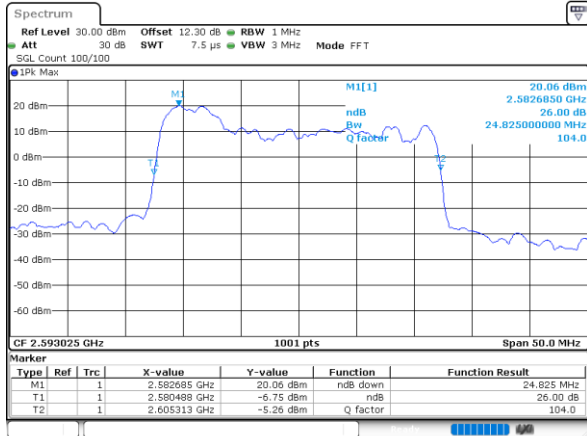
Date: 24.JUL.2024 11:12:18



LTE Band 41C

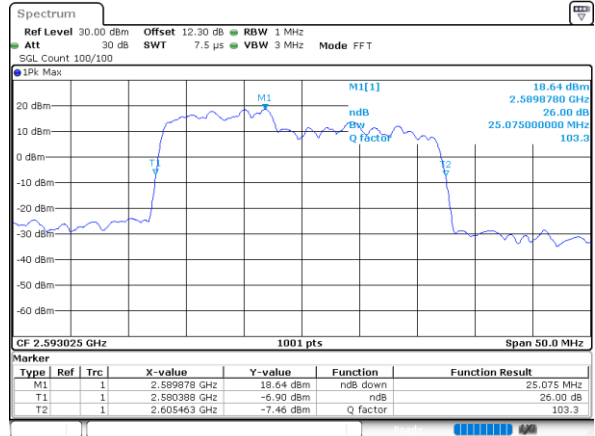
256QAM

Middle Channel / 5MHz+20MHz



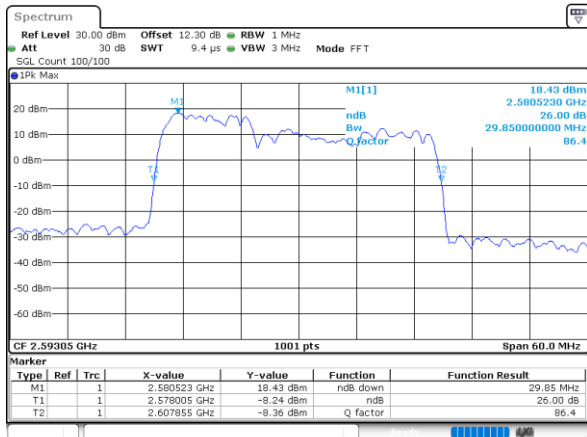
Date: 24.JUL.2024 09:35:29

Middle Channel / 10MHz+15MHz



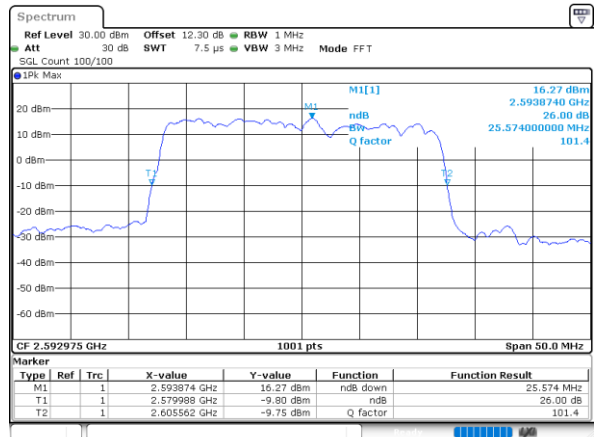
Date: 24.JUL.2024 09:57:39

Middle Channel / 10MHz+20MHz



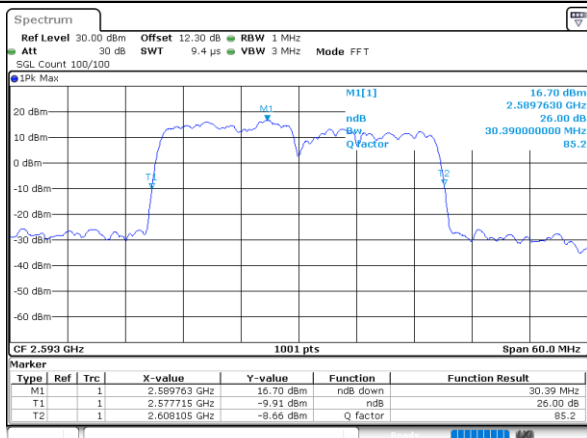
Date: 24.JUL.2024 10:19:52

Middle Channel / 15MHz+10MHz



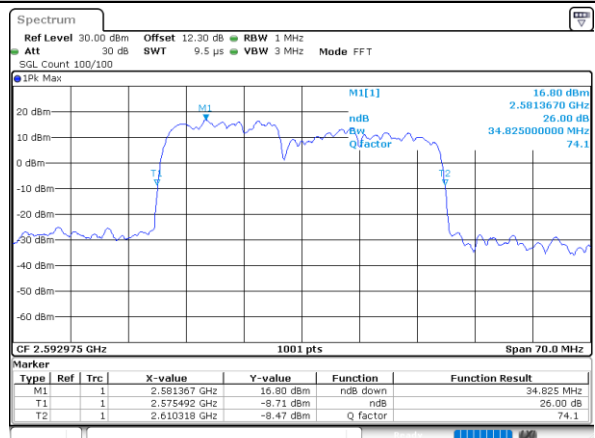
Date: 24.JUL.2024 10:08:29

Middle Channel / 15MHz+15MHz



Date: 24.JUL.2024 10:39:53

Middle Channel / 15MHz+20MHz



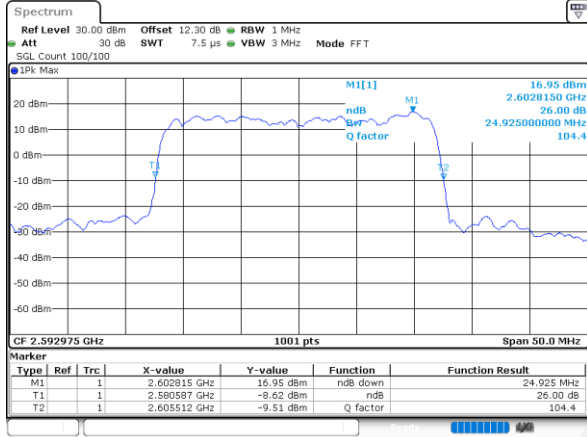
Date: 24.JUL.2024 10:49:47



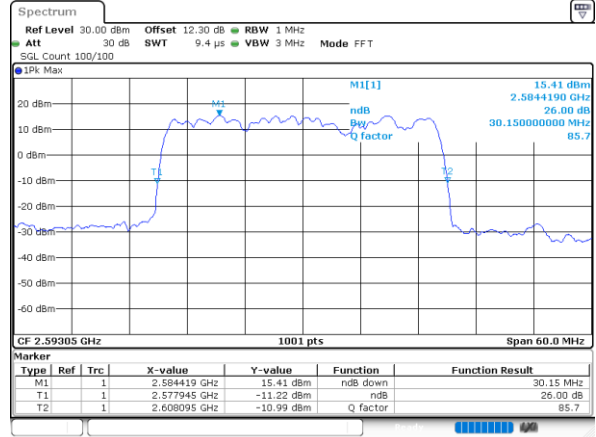
LTE Band 41C

256QAM

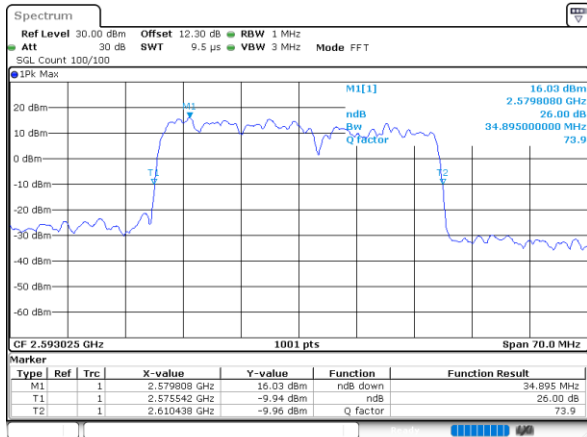
Middle Channel / 20MHz+5MHz



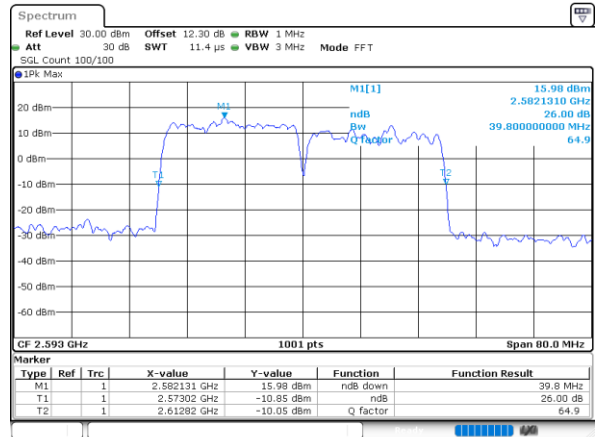
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz





Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.39	23.29	27.90	23.48	28.36
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.74	23.04	27.95	32.88	37.71

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.11	23.56	27.99	23.39	28.58
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.65	23.28	28.10	33.10	37.43

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.19	23.24	27.96	23.14	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.88	23.29	27.91	32.85	37.96

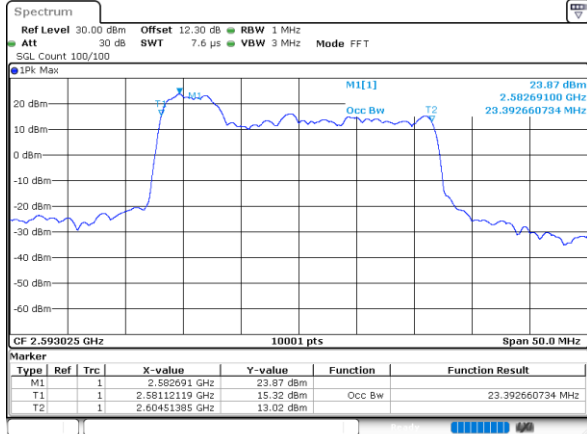
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.89	23.36	28.09	23.68	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.71	23.32	28.08	32.94	37.55



LTE Band 41C

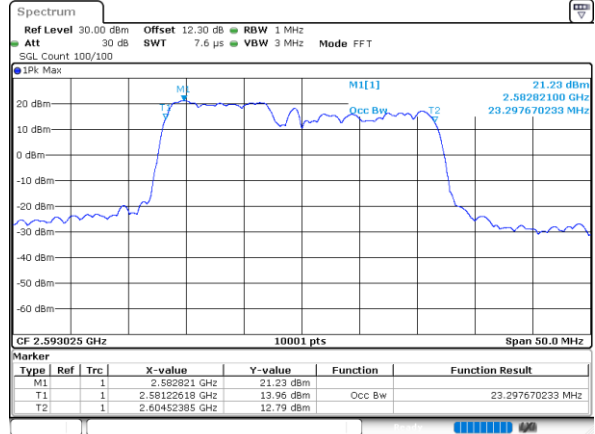
QPSK

Middle Channel / 5MHz+20MHz



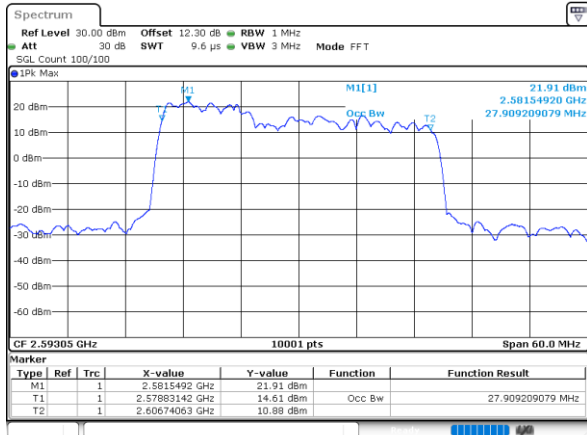
Date: 24.JUL.2024 09:30:08

Middle Channel / 10MHz+15MHz



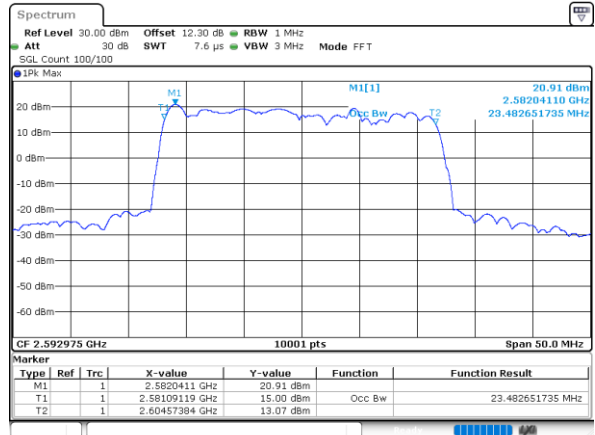
Date: 24.JUL.2024 09:52:09

Middle Channel / 10MHz+20MHz



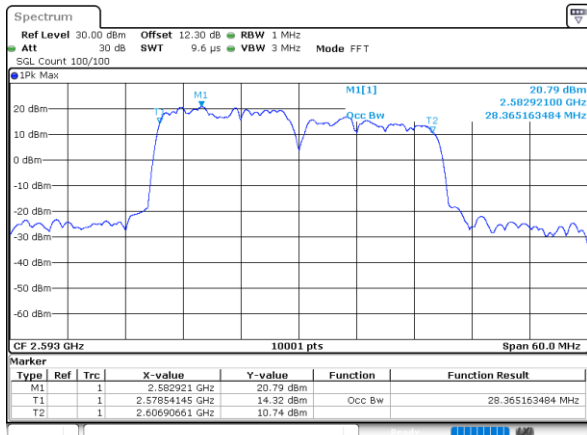
Date: 24.JUL.2024 10:14:17

Middle Channel / 15MHz+10MHz



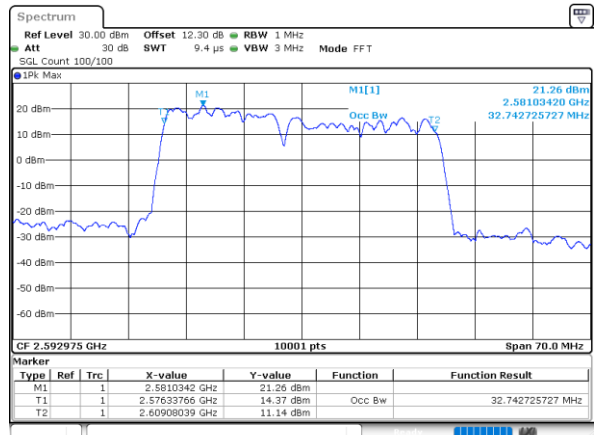
Date: 24.JUL.2024 10:02:57

Middle Channel / 15MHz+15MHz



Date: 24.JUL.2024 10:34:51

Middle Channel / 15MHz+20MHz



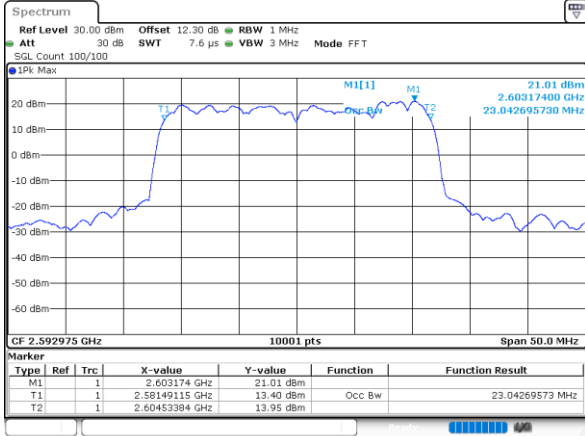
Date: 24.JUL.2024 10:44:40



LTE Band 41C

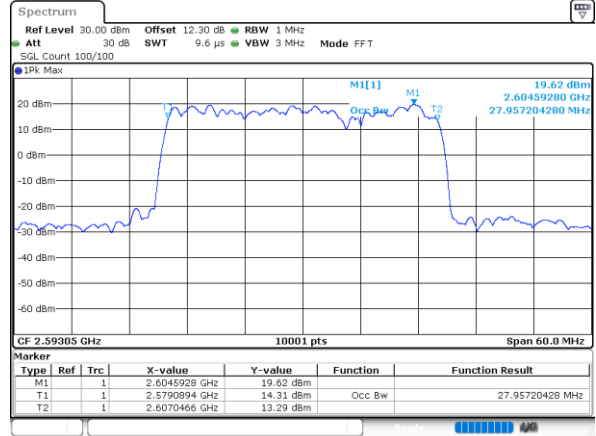
QPSK

Middle Channel / 20MHz+5MHz



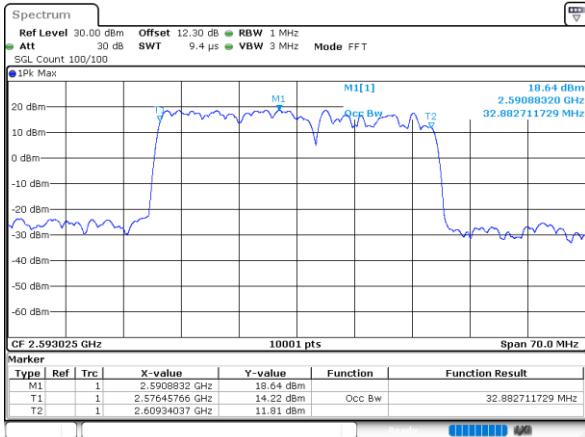
Date: 24.JUL.2024 09:41:34

Middle Channel / 20MHz+10MHz



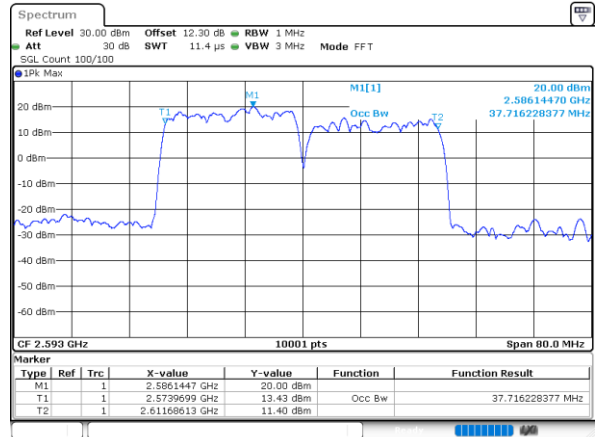
Date: 24.JUL.2024 10:25:16

Middle Channel / 20MHz+15MHz



Date: 24.JUL.2024 10:55:09

Middle Channel / 20MHz+20MHz



Date: 24.JUL.2024 11:06:03