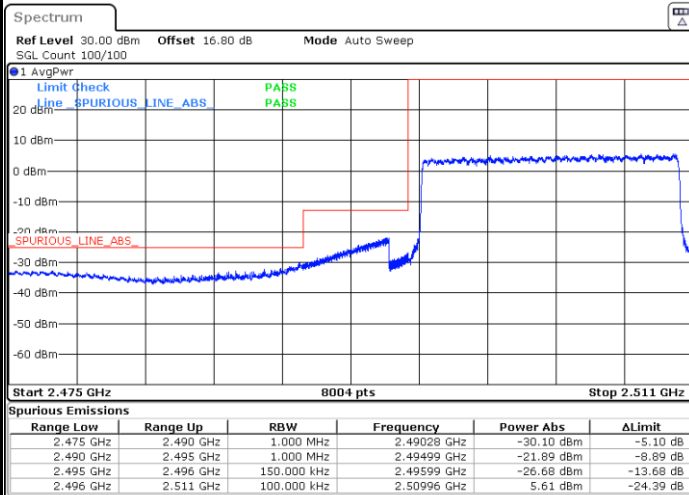




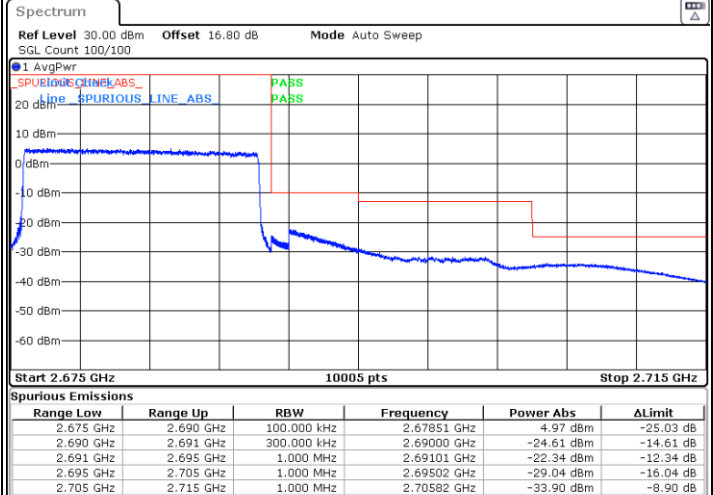
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 6.DEC.2024 20:20:32

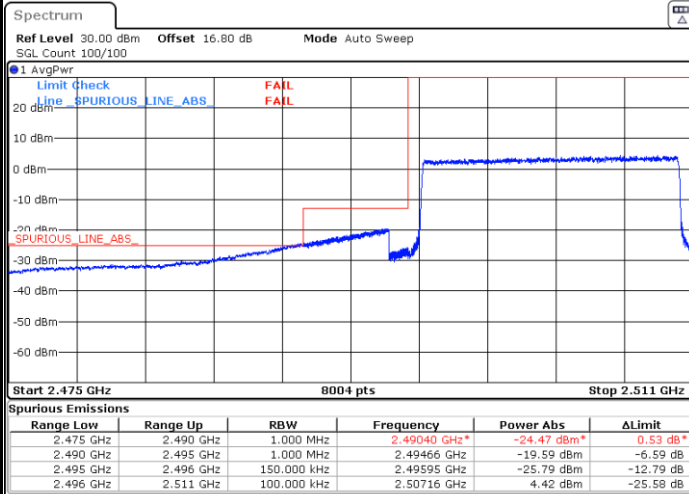
Highest Band Edge / Full RB



Date: 6.DEC.2024 20:25:22

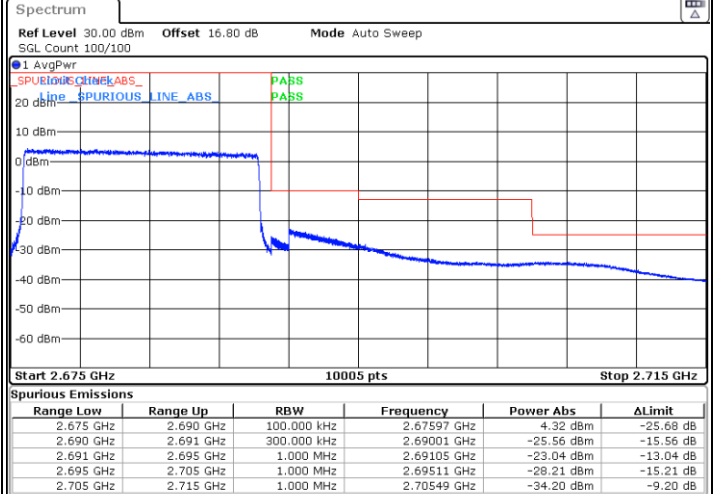
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB

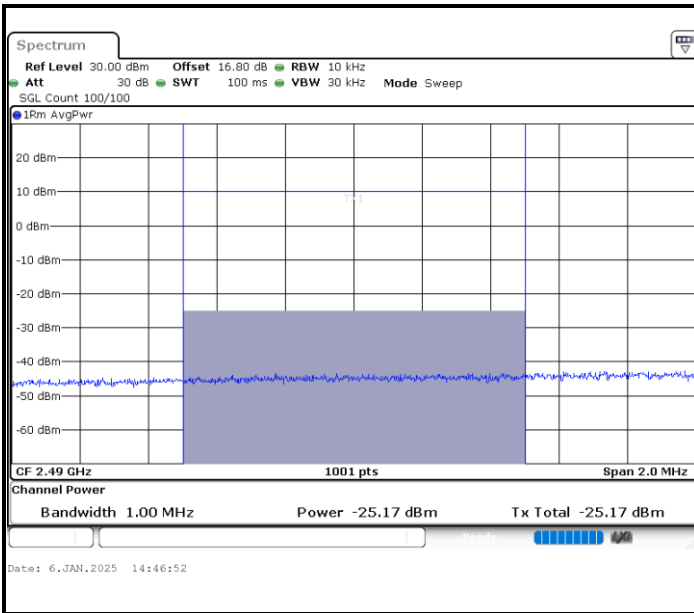


Date: 6.DEC.2024 20:21:42

Highest Band Edge / Full RB



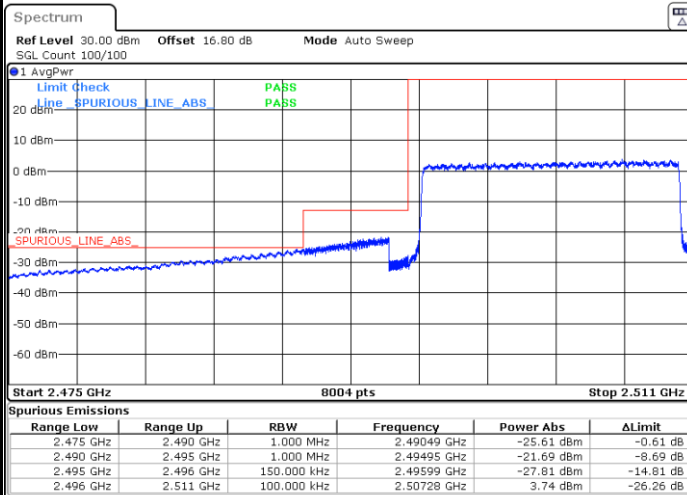
Date: 6.DEC.2024 20:26:33



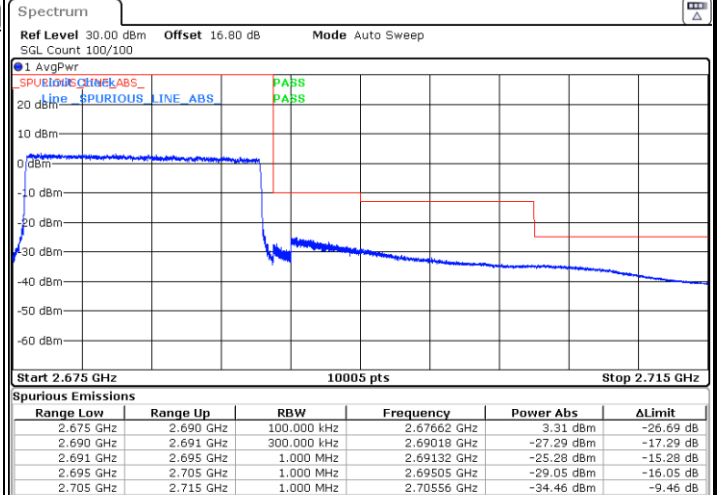


LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB

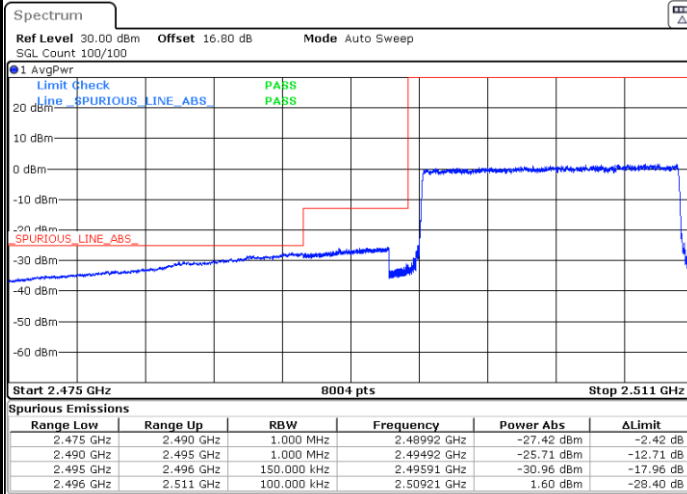


Highest Band Edge / Full RB

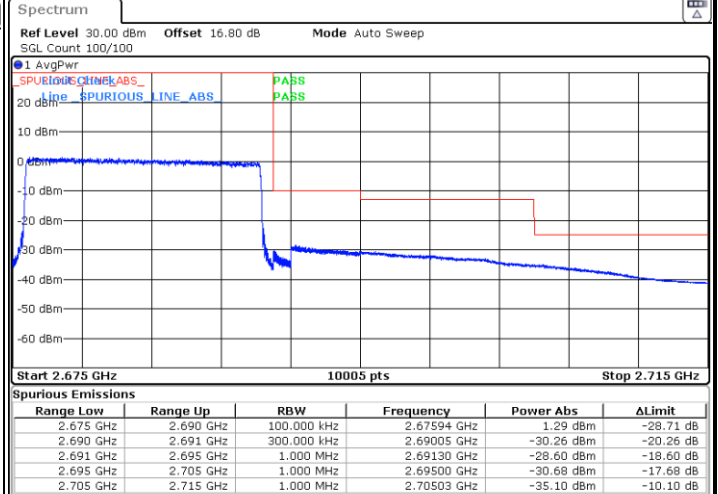


LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



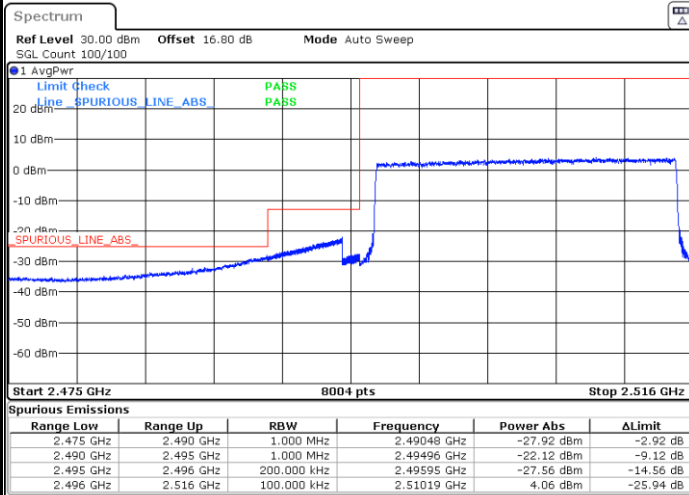
Highest Band Edge / Full RB



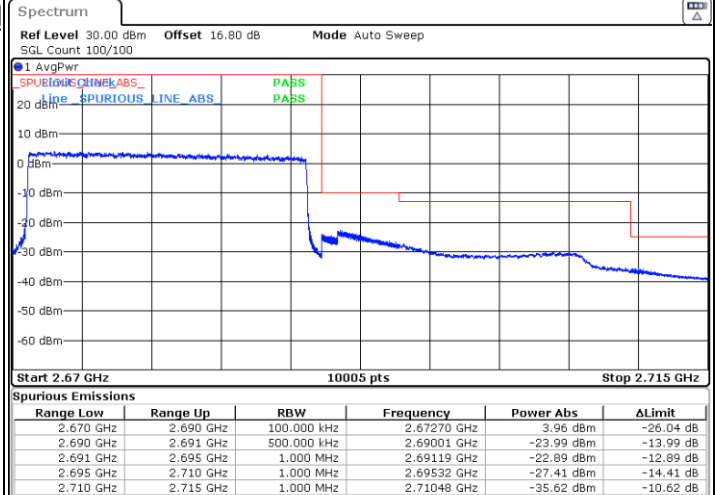


LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

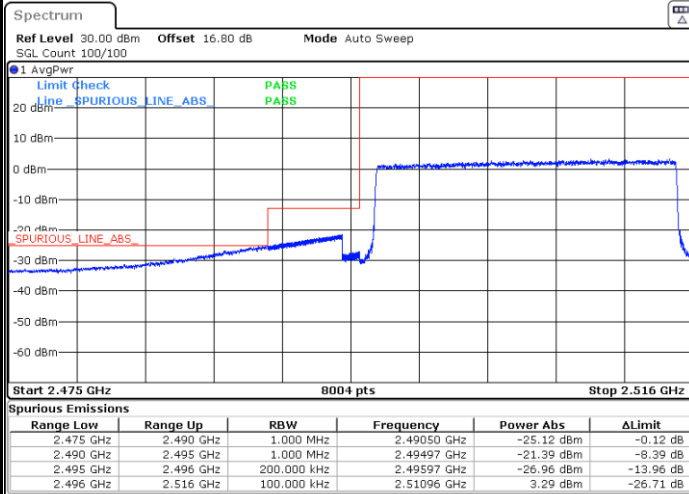


Highest Band Edge / Full RB

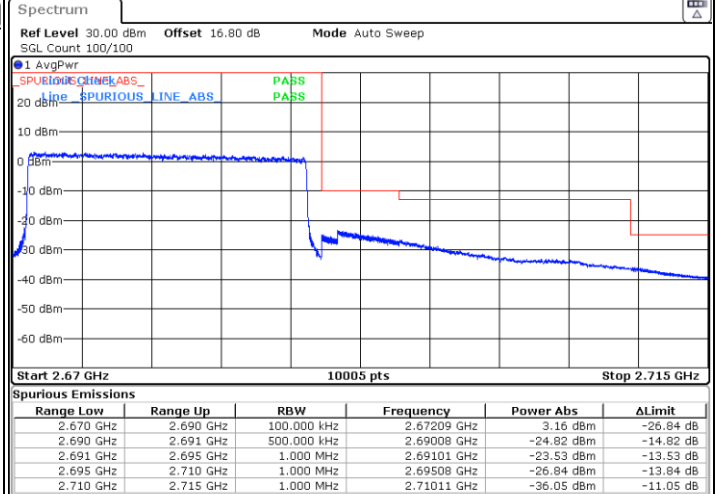


LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



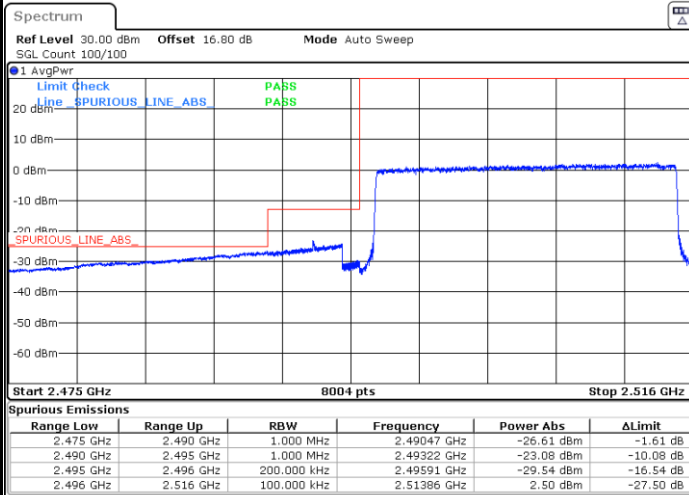
Highest Band Edge / Full RB



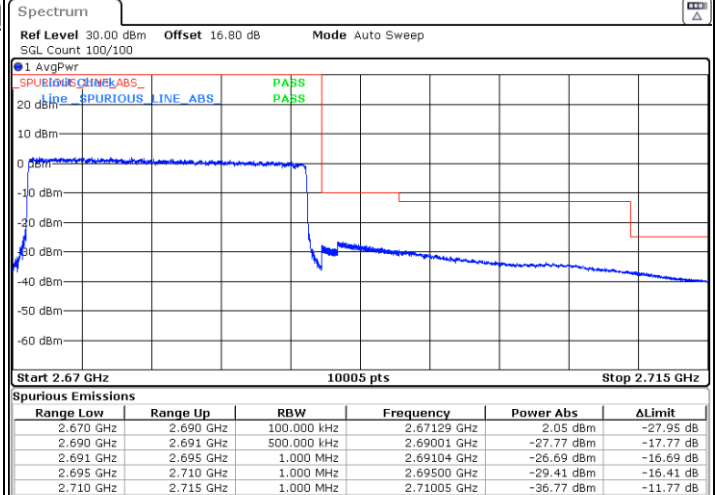


LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB

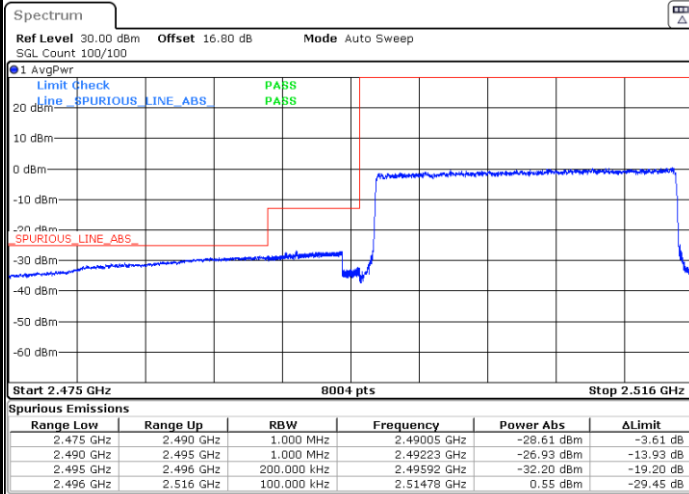


Highest Band Edge / Full RB

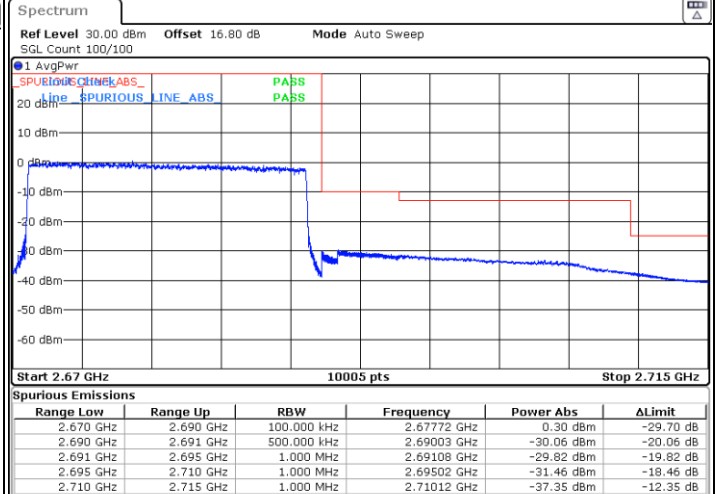


LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

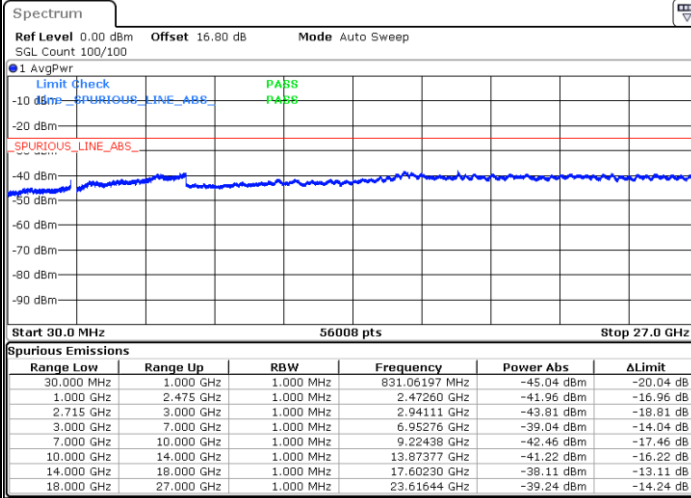




Conducted Spurious Emission

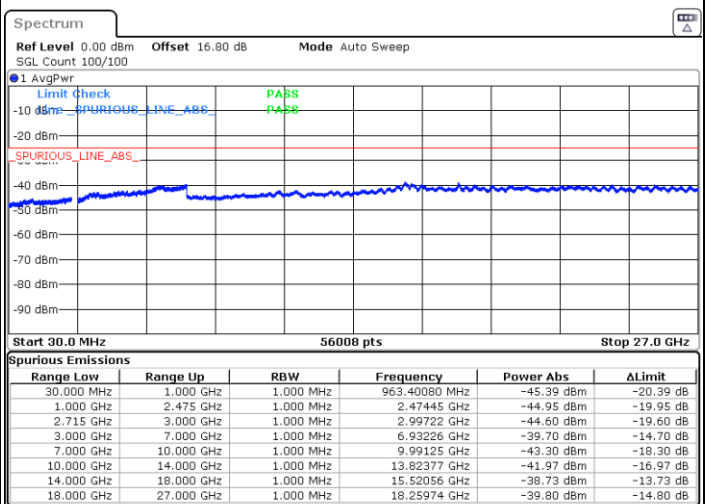
LTE Band 41 / 5MHz

Lowest Channel / QPSK



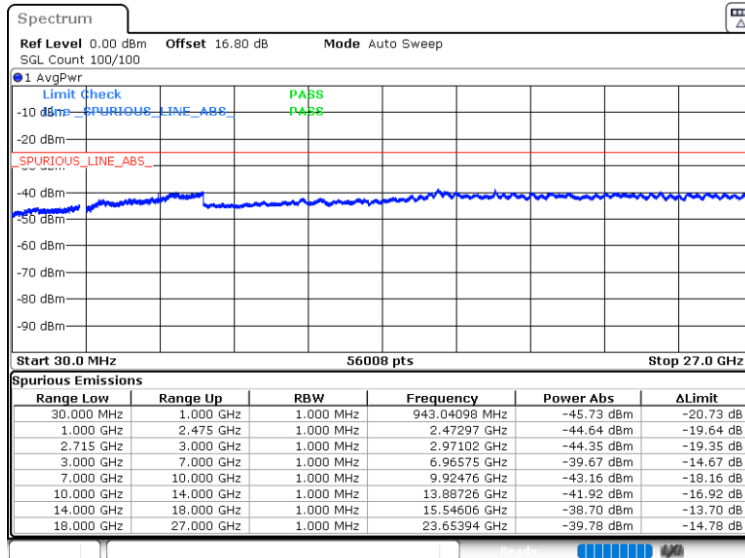
Date: 6.JAN.2025 15:35:27

Middle Channel / QPSK



Date: 6.DEC.2024 21:08:03

Highest Channel / QPSK

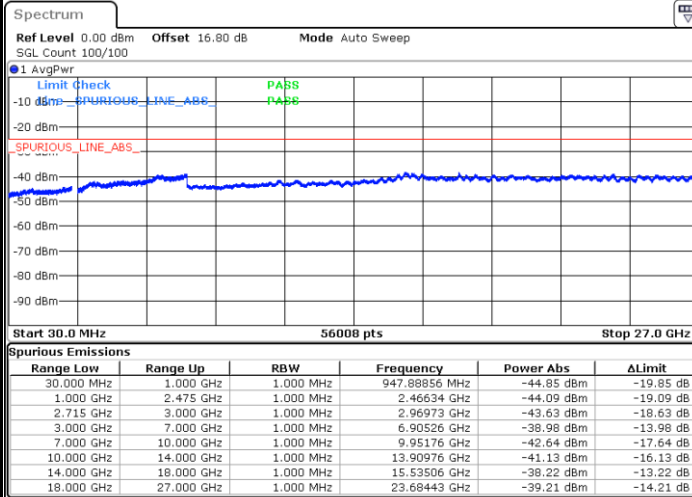


Date: 6.DEC.2024 21:09:46



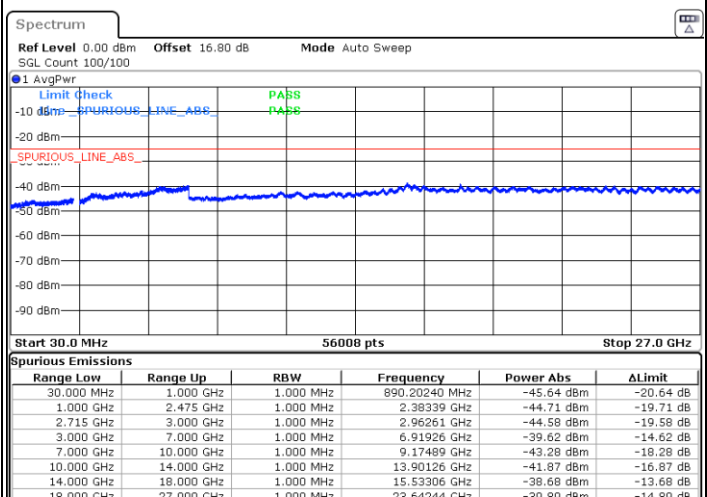
LTE Band 41 / 10MHz

Lowest Channel / QPSK



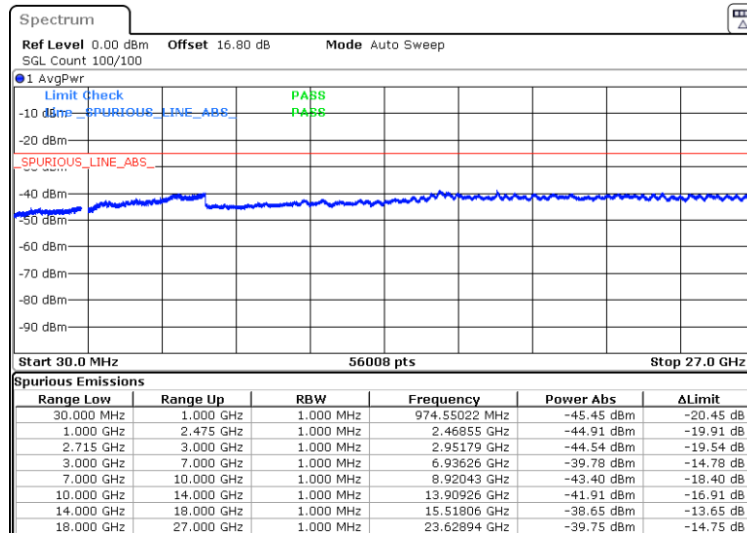
Date: 6.JAN.2025 16:35:22

Middle Channel / QPSK



Date: 6.DEC.2024 21:13:07

Highest Channel / QPSK

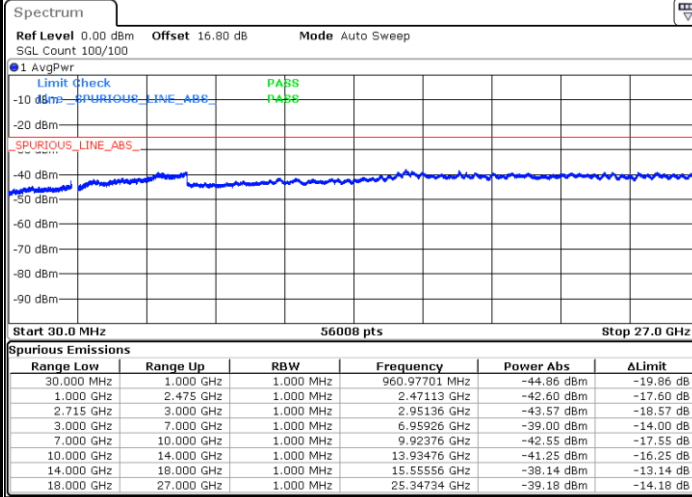


Date: 6.DEC.2024 21:14:46



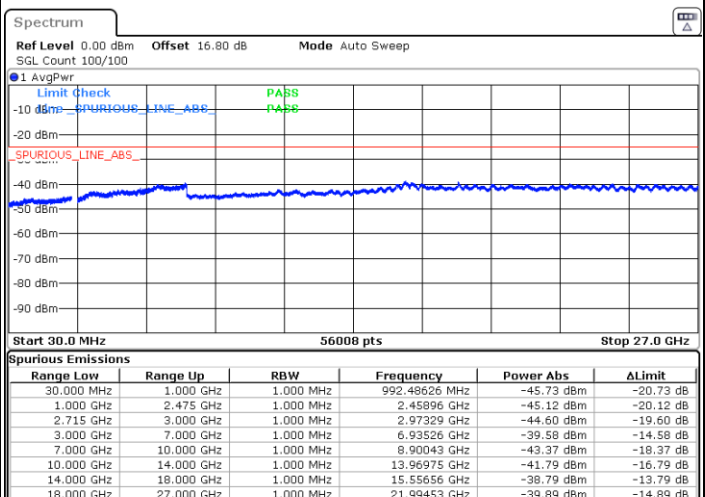
LTE Band 41 / 15MHz

Lowest Channel / QPSK



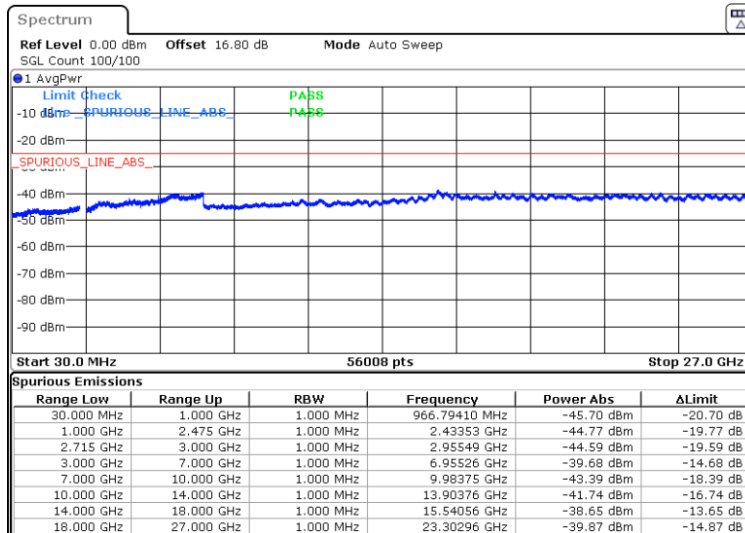
Date: 6.JAN.2025 16:40:41

Middle Channel / QPSK



Date: 6.DEC.2024 21:18:07

Highest Channel / QPSK

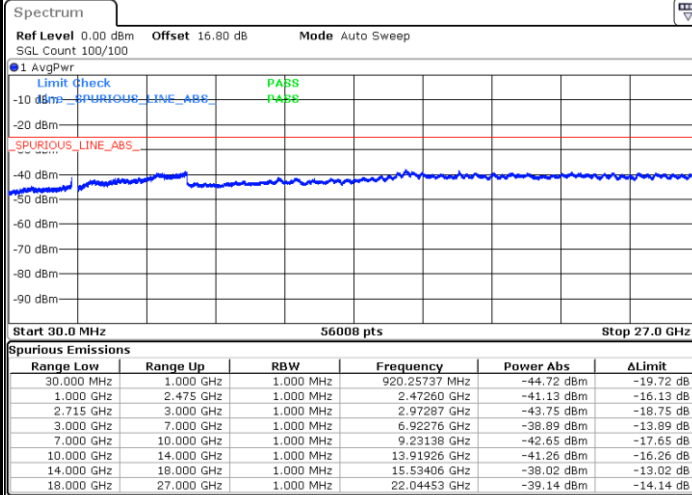


Date: 6.DEC.2024 21:19:50



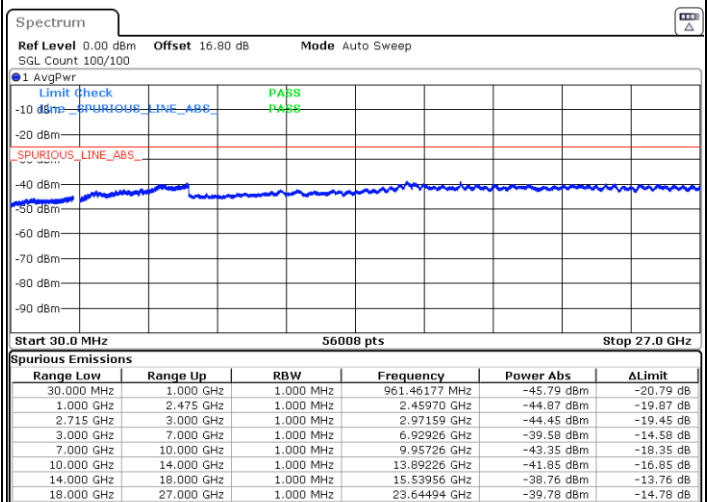
LTE Band 41 / 20MHz

Lowest Channel / QPSK



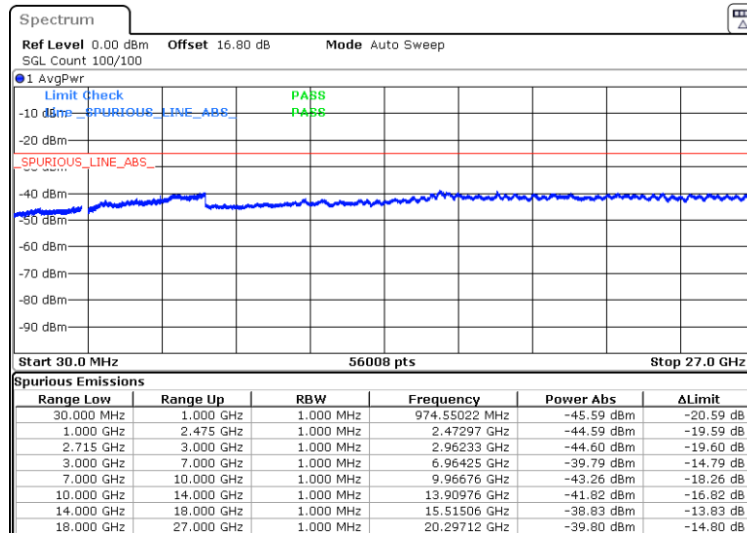
Date: 6.JAN.2025 16:48:23

Middle Channel / QPSK



Date: 6.DEC.2024 21:23:16

Highest Channel / QPSK



Date: 6.DEC.2024 21:24:51

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	0.0042	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0071	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0004	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.14 V. ; Maximum Voltage = 4.4 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	24.67	25.22	29.67	25.12	30.68
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	25.07	29.97	35.03	39.96

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.17	29.73	25.07	30.50
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.82	25.02	29.97	34.89	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.67	25.07	30.09	25.32	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.87	30.03	34.96	39.96

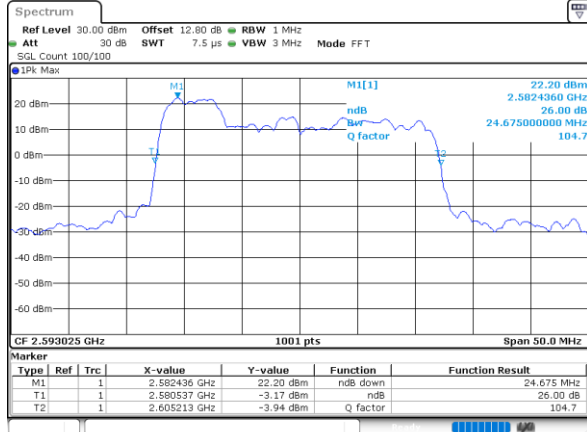
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.12	29.79	25.07	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	24.97	30.03	34.82	39.72



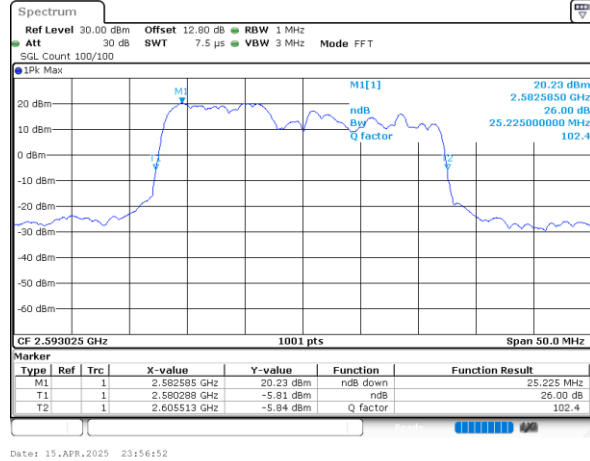
LTE Band 41C

QPSK

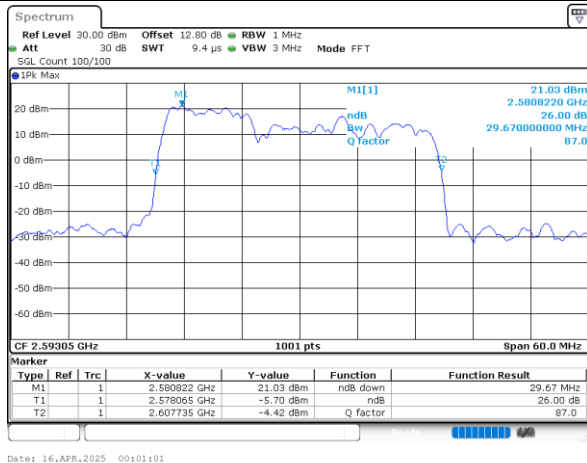
Middle Channel / 5MHz+20MHz



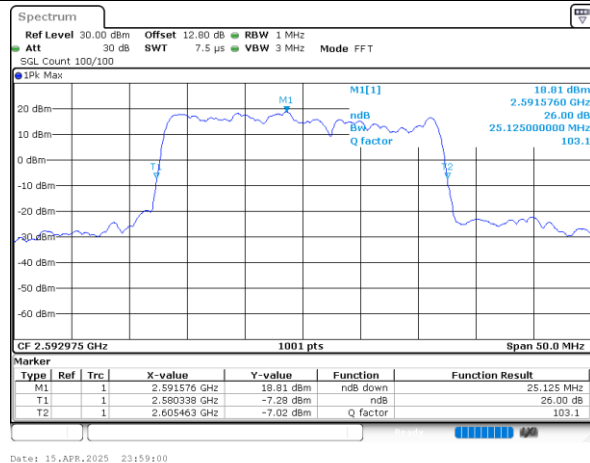
Middle Channel / 10MHz+15MHz



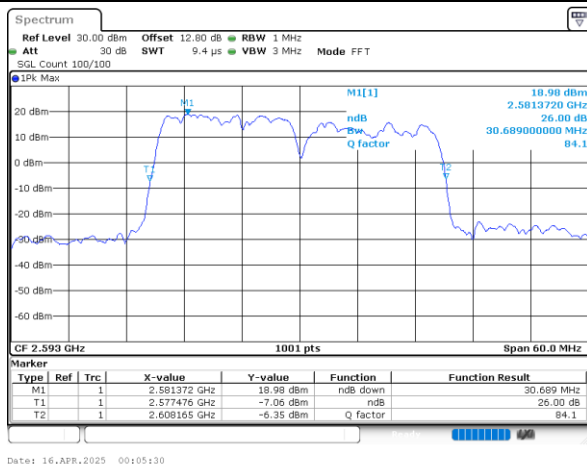
Middle Channel / 10MHz+20MHz



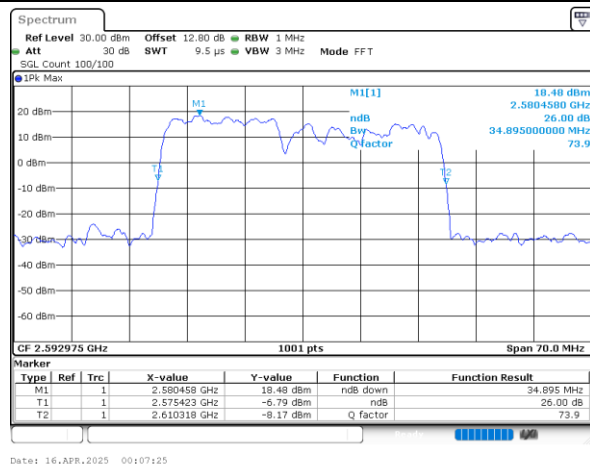
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



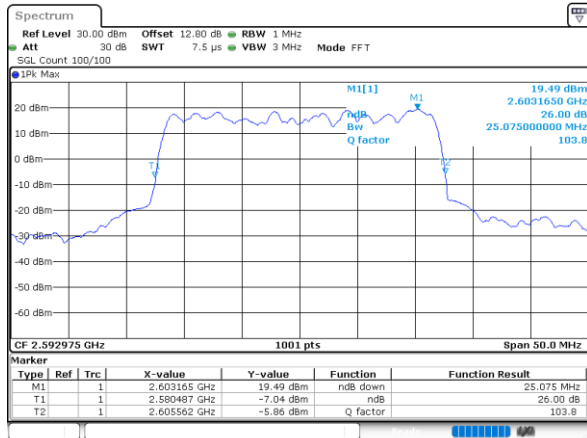
Middle Channel / 15MHz+20MHz



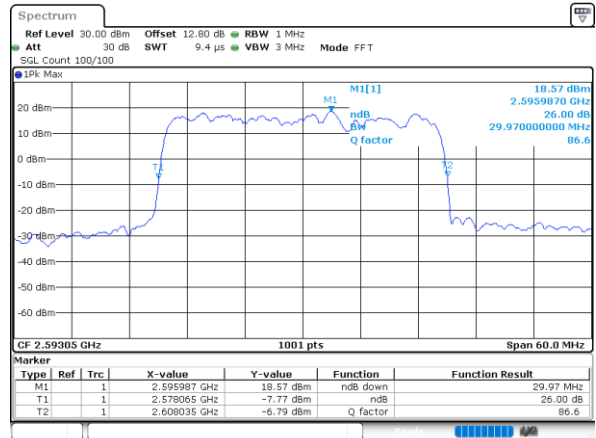


LTE Band 41C

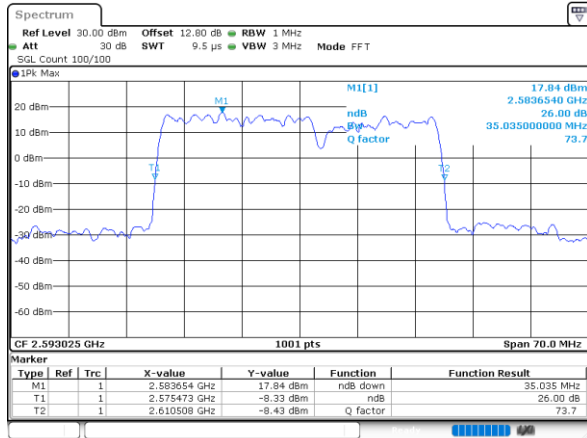
Middle Channel / 20MHz+5MHz



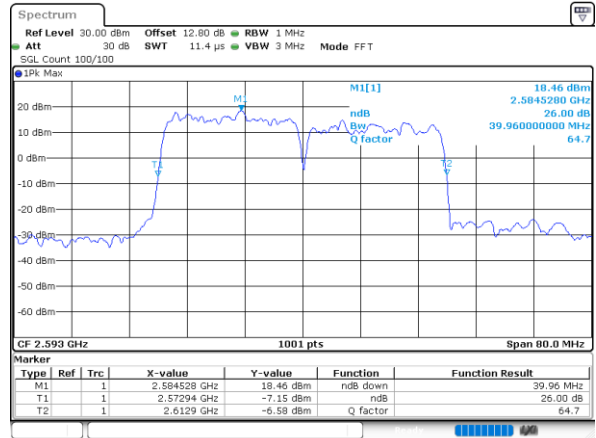
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



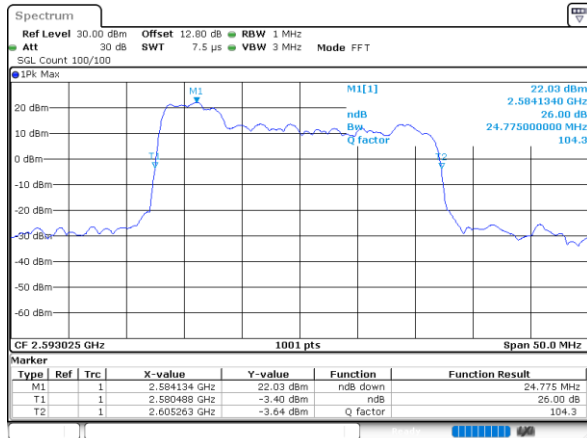
Middle Channel / 20MHz+20MHz





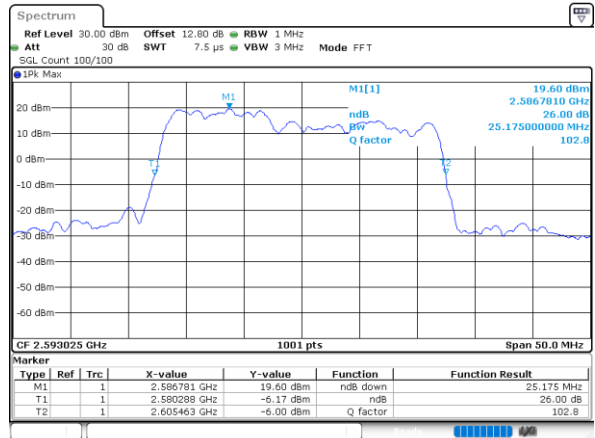
LTE Band 41C

Middle Channel / 5MHz+20MHz



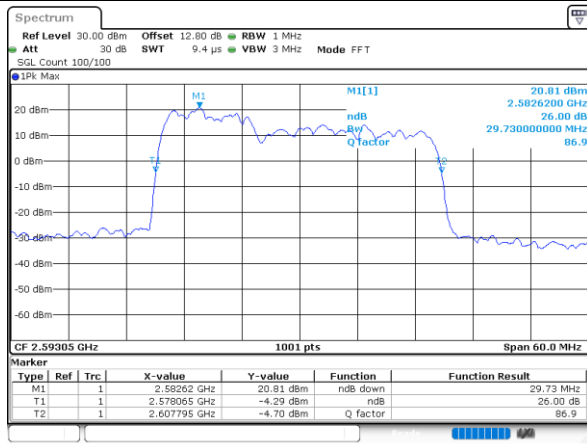
Date: 15.APR.2025 23:52:23

Middle Channel / 10MHz+15MHz



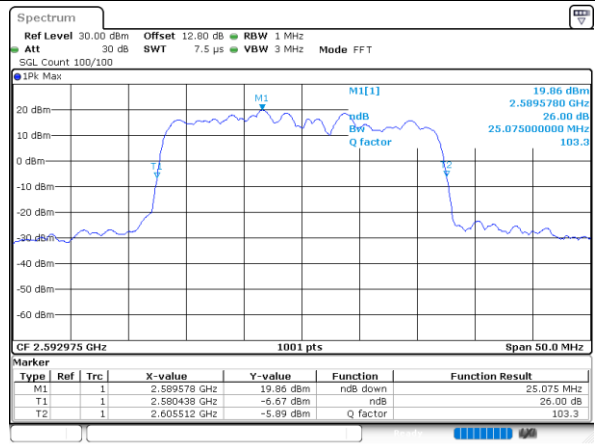
Date: 15.APR.2025 23:57:20

Middle Channel / 10MHz+20MHz



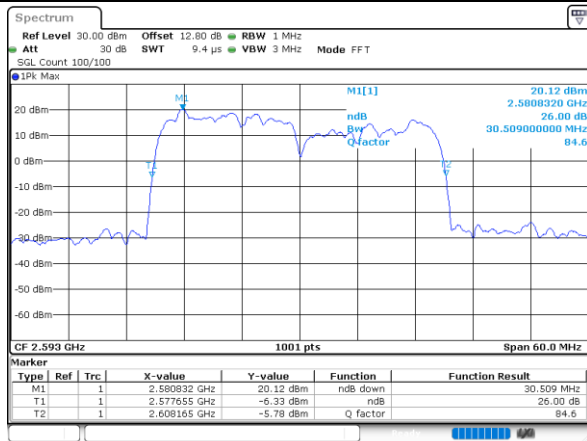
Date: 16.APR.2025 00:01:28

Middle Channel / 15MHz+10MHz



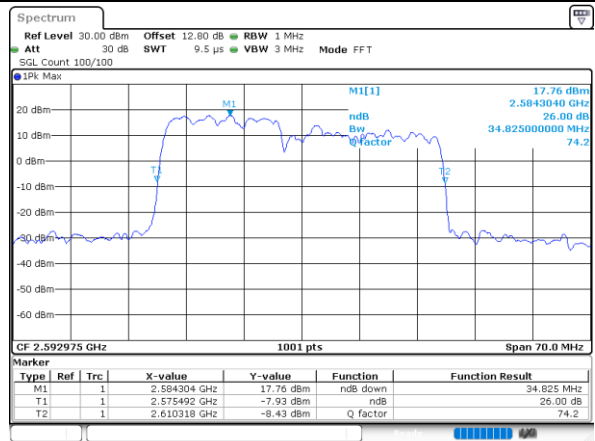
Date: 15.APR.2025 23:59:27

Middle Channel / 15MHz+15MHz



Date: 16.APR.2025 00:05:58

Middle Channel / 15MHz+20MHz



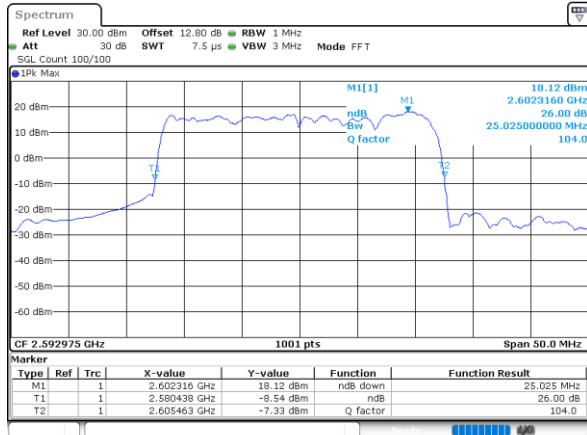
Date: 16.APR.2025 00:07:52



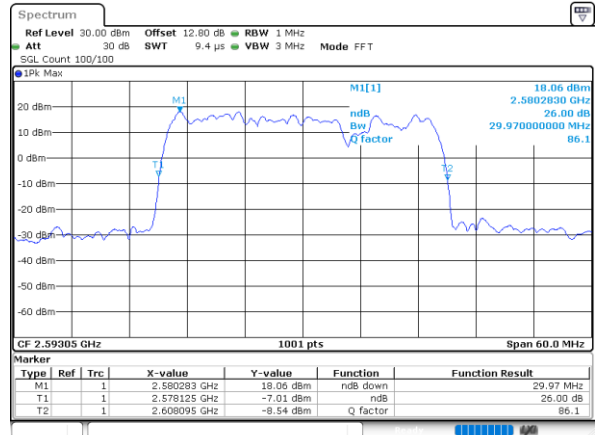
LTE Band 41C

16QAM

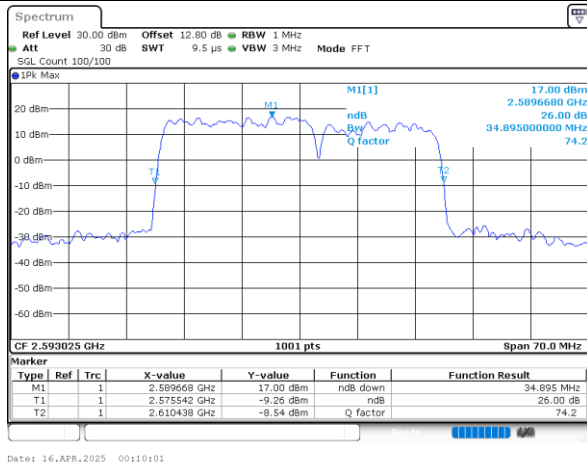
Middle Channel / 20MHz+5MHz



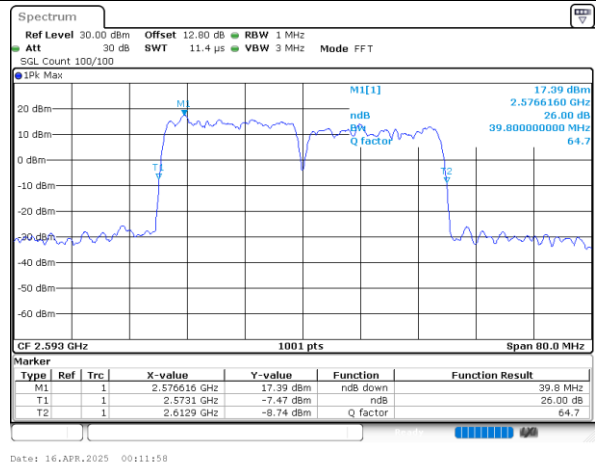
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

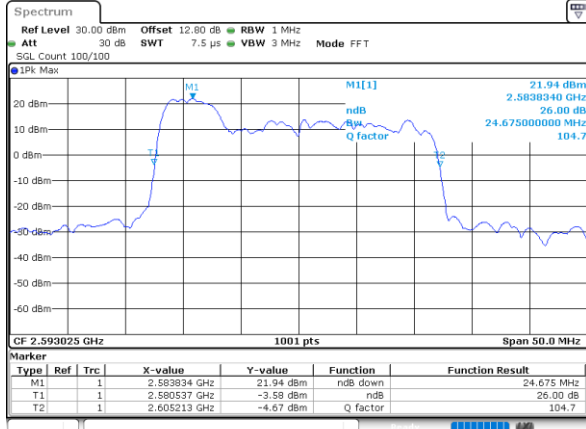




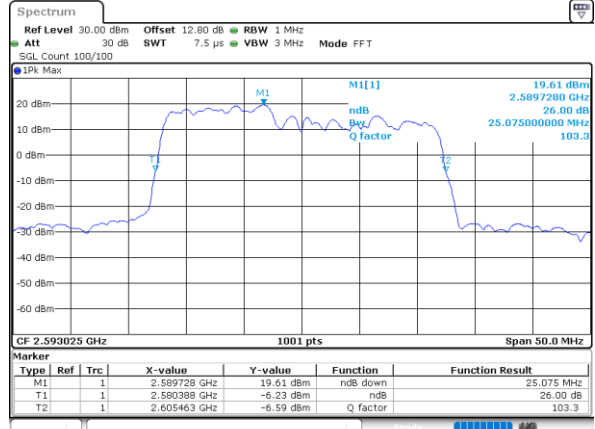
LTE Band 41C

64QAM

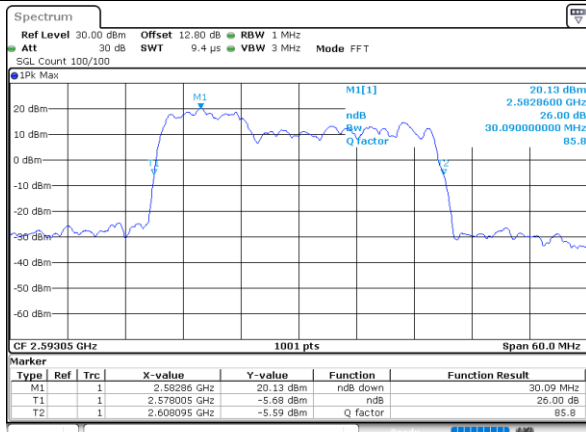
Middle Channel / 5MHz+20MHz



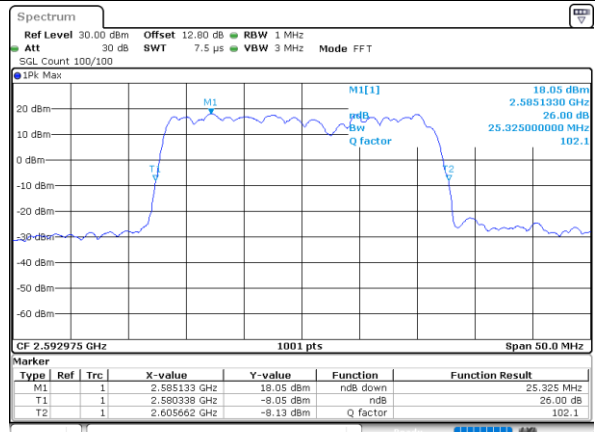
Middle Channel / 10MHz+15MHz



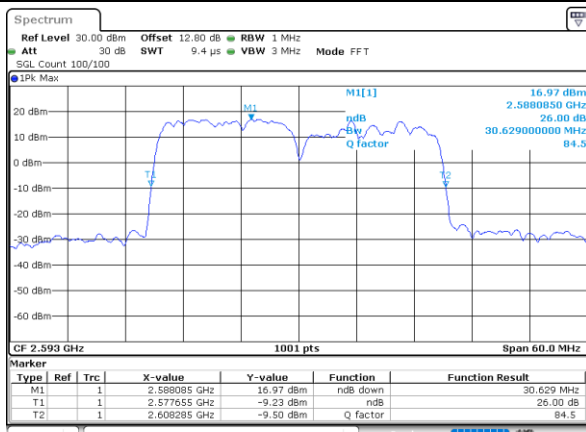
Middle Channel / 10MHz+20MHz



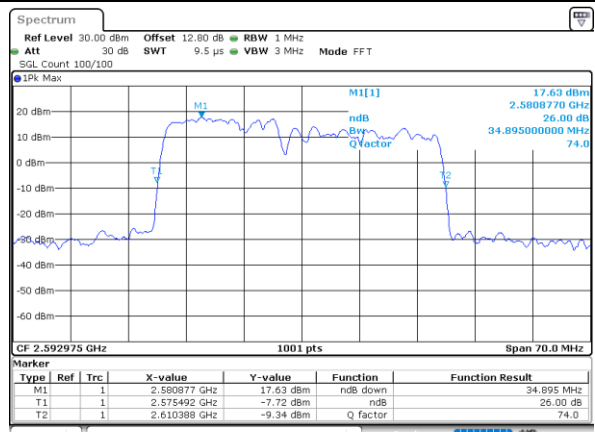
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

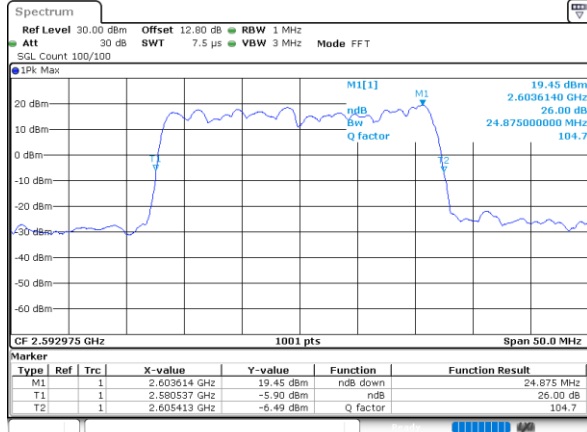




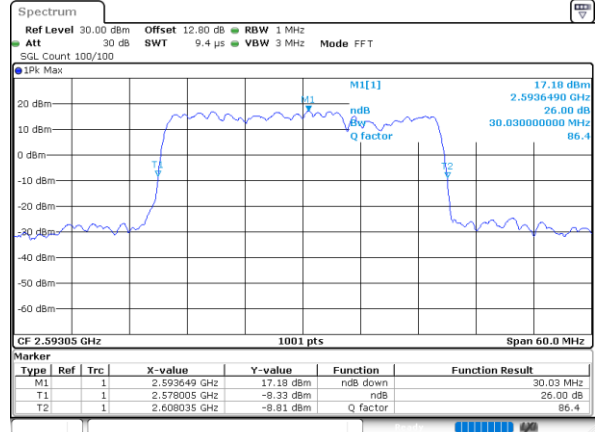
LTE Band 41C

64QAM

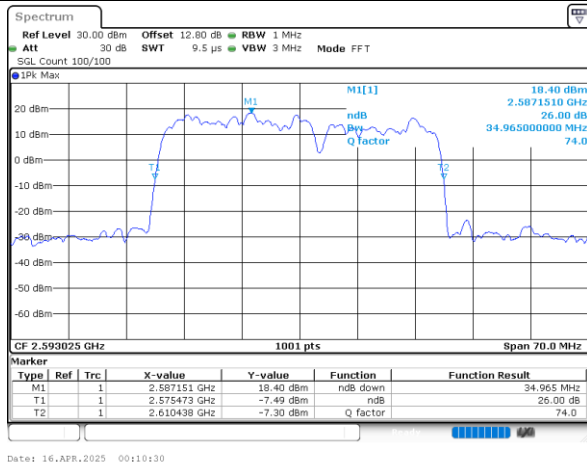
Middle Channel / 20MHz+5MHz



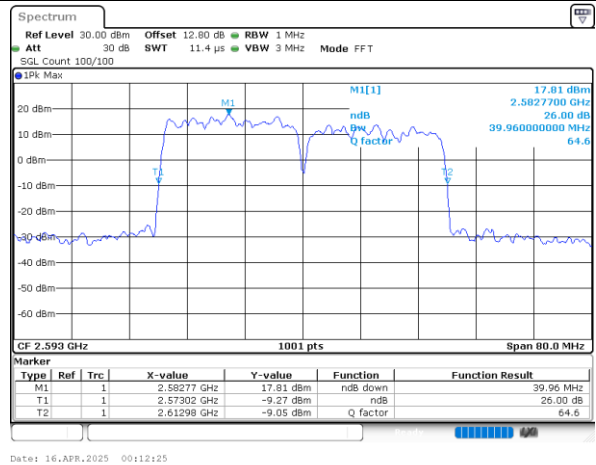
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

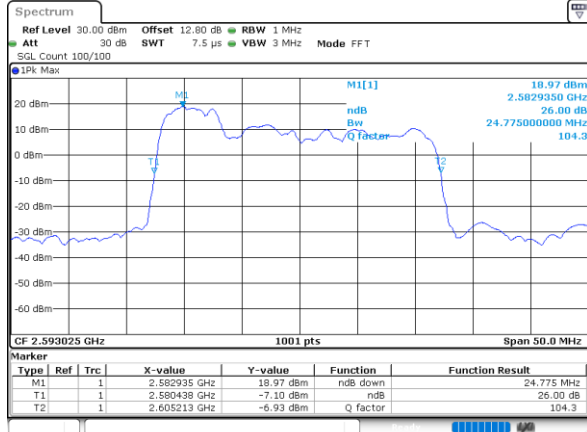




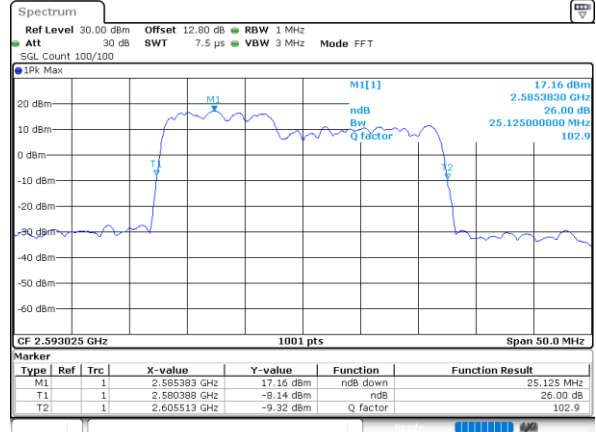
LTE Band 41C

256QAM

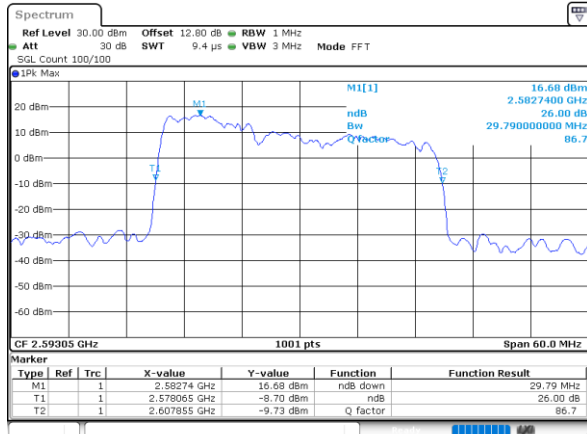
Middle Channel / 5MHz+20MHz



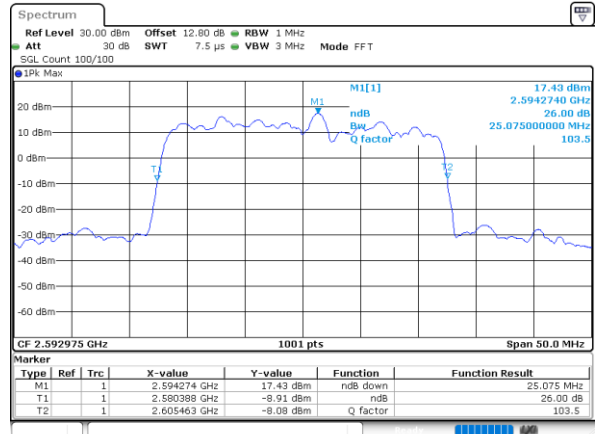
Middle Channel / 10MHz+15MHz



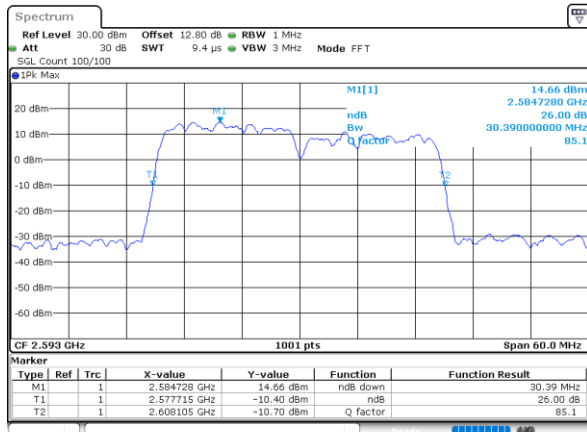
Middle Channel / 10MHz+20MHz



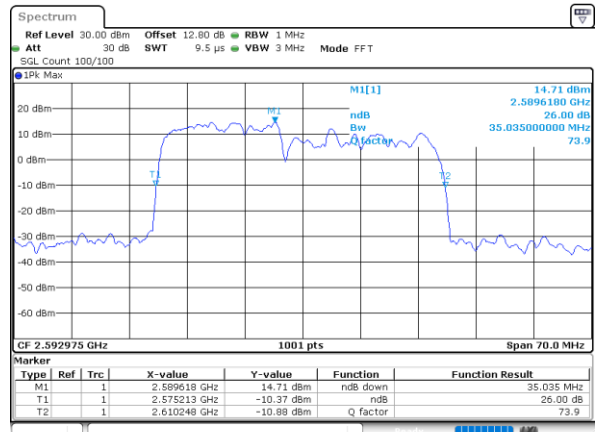
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

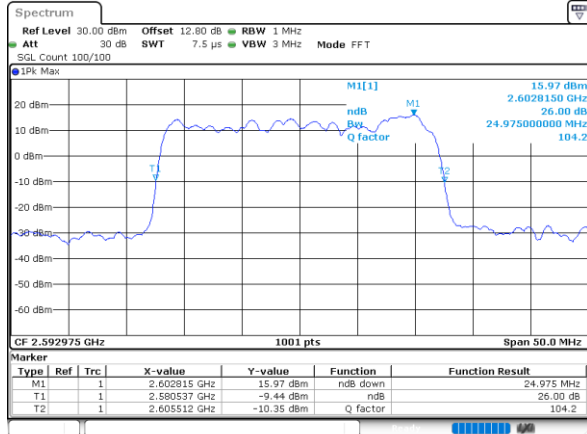




LTE Band 41C

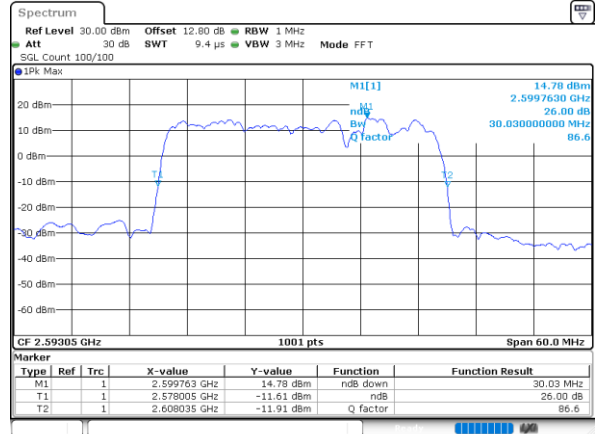
256QAM

Middle Channel / 20MHz+5MHz



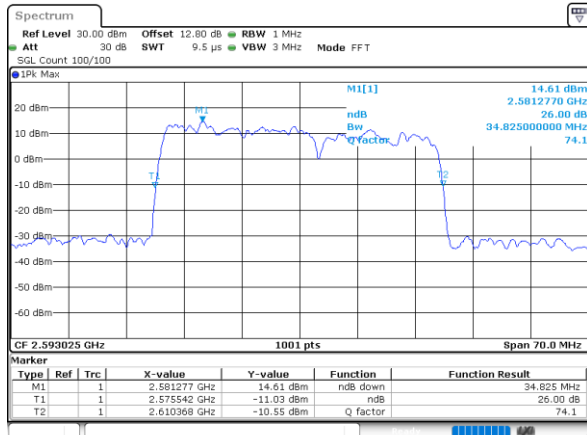
Date: 15.APR.2025 23:55:39

Middle Channel / 20MHz+10MHz



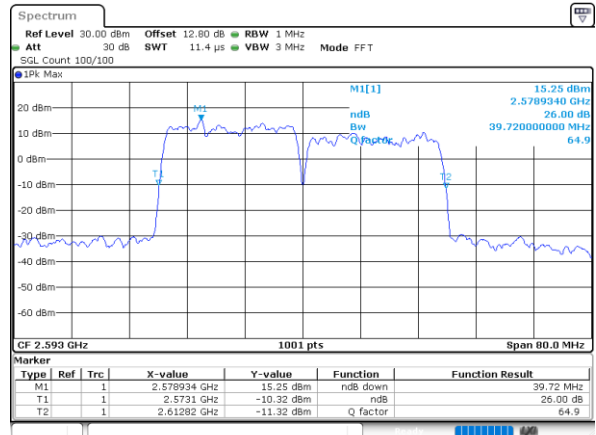
Date: 16.APR.2025 00:04:57

Middle Channel / 20MHz+15MHz



Date: 16.APR.2025 00:10:57

Middle Channel / 20MHz+20MHz



Date: 16.APR.2025 00:12:54

**Occupied Bandwidth**

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.52	23.56	28.07	23.09	28.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.74	23.38	28.18	32.77	37.79

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.29	23.38	28.15	23.35	28.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.86	23.26	27.93	32.92	37.50

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.10	23.36	27.98	23.24	28.84
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.32	23.26	27.99	32.88	37.40

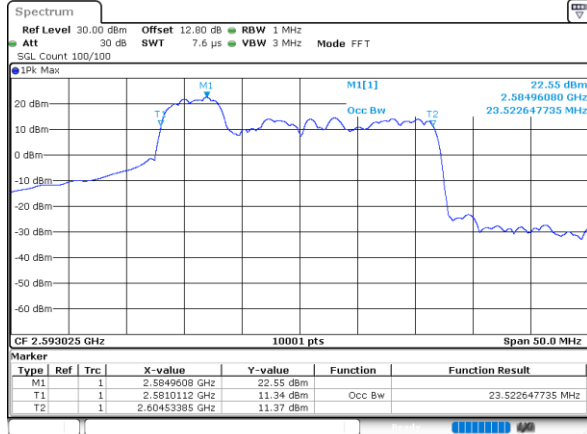
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.73	23.24	28.14	23.32	28.43
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.60	23.28	27.96	32.68	37.70



LTE Band 41C

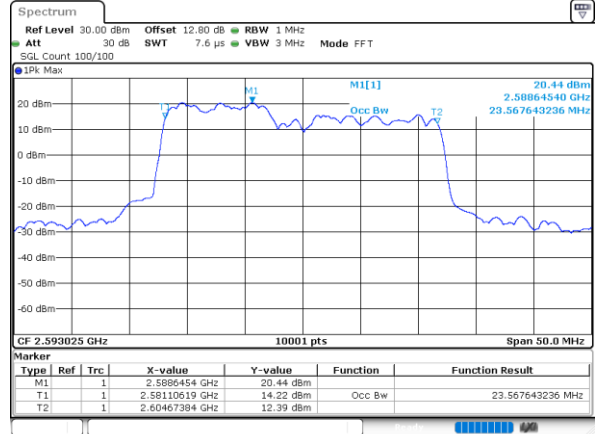
QPSK

Middle Channel / 5MHz+20MHz



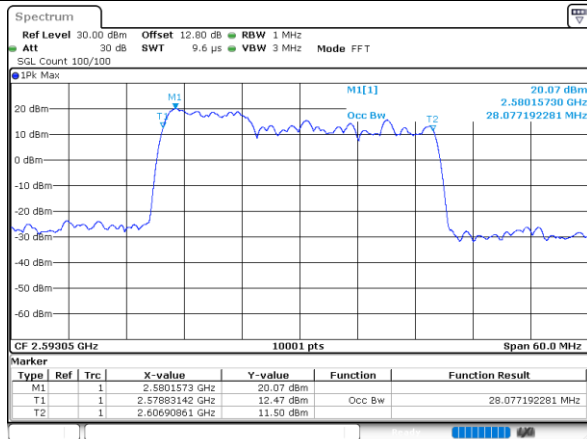
Date: 15.APR.2025 22:42:09

Middle Channel / 10MHz+15MHz



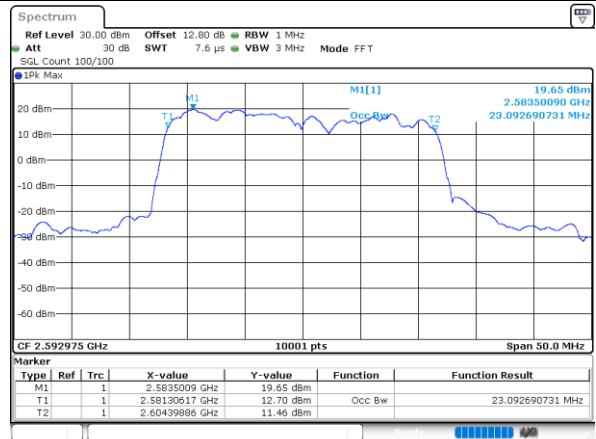
Date: 15.APR.2025 23:13:26

Middle Channel / 10MHz+20MHz



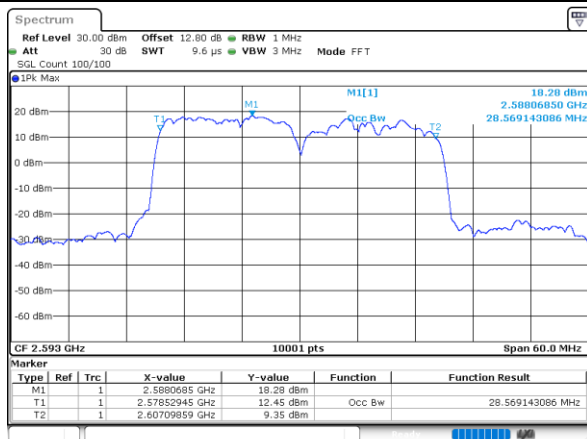
Date: 15.APR.2025 23:19:30

Middle Channel / 15MHz+10MHz



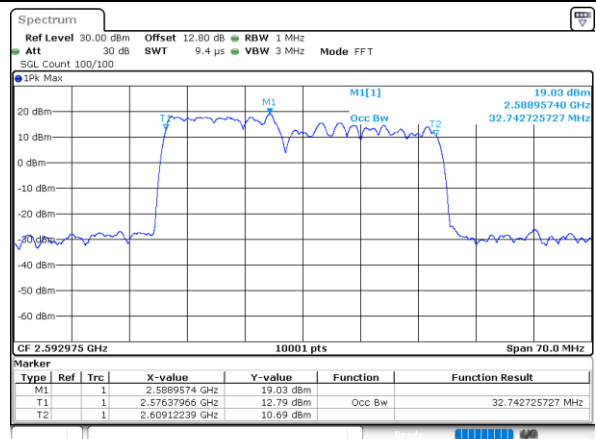
Date: 15.APR.2025 23:17:26

Middle Channel / 15MHz+15MHz



Date: 15.APR.2025 23:44:09

Middle Channel / 15MHz+20MHz



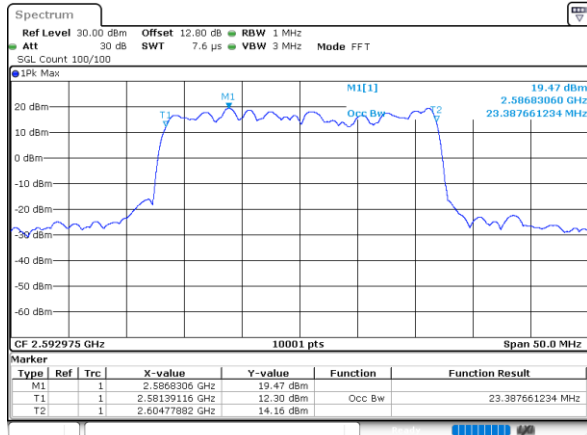
Date: 15.APR.2025 23:46:04



LTE Band 41C

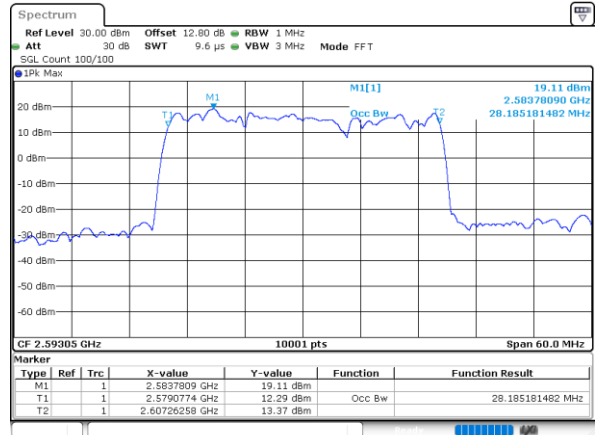
QPSK

Middle Channel / 20MHz+5MHz



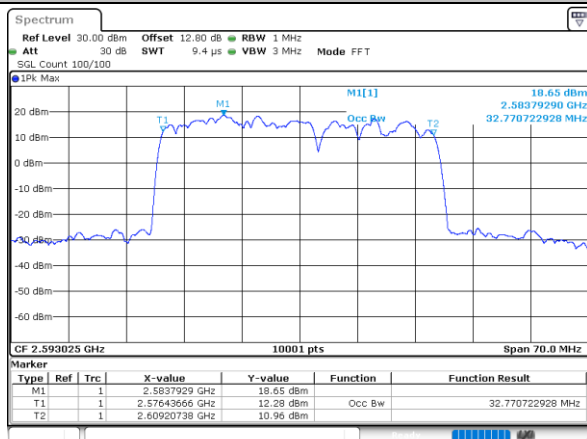
Date: 15.APR.2025 22:44:10

Middle Channel / 20MHz+10MHz



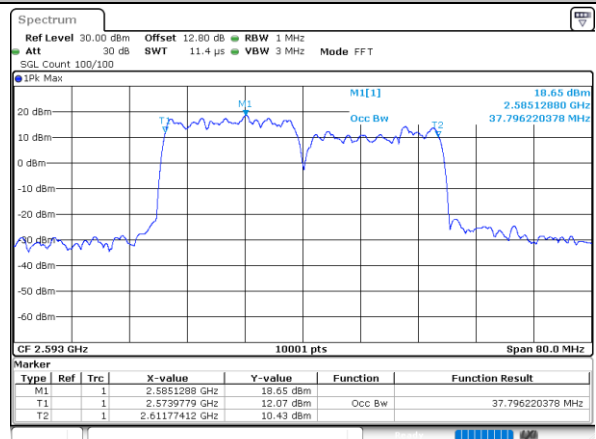
Date: 15.APR.2025 23:42:00

Middle Channel / 20MHz+15MHz



Date: 15.APR.2025 23:48:03

Middle Channel / 20MHz+20MHz



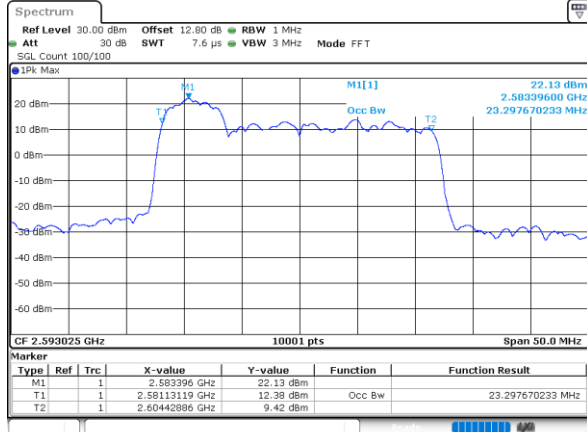
Date: 15.APR.2025 23:49:56



LTE Band 41C

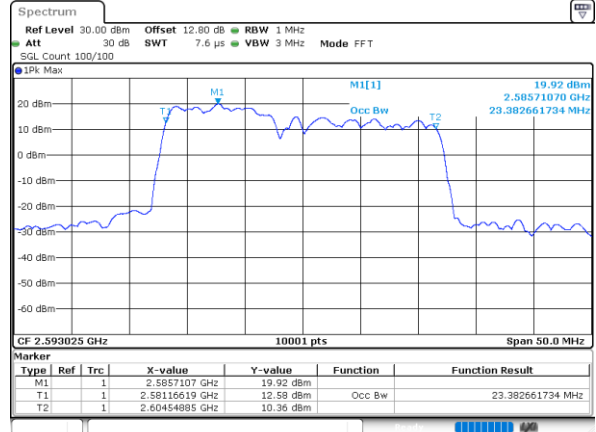
16QAM

Middle Channel / 5MHz+20MHz



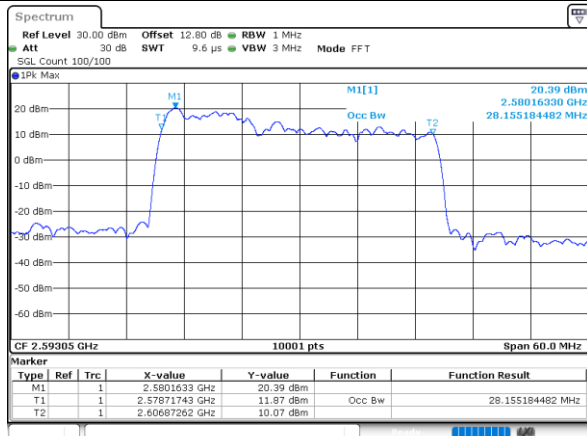
Date: 15.APR.2025 22:42:37

Middle Channel / 10MHz+15MHz



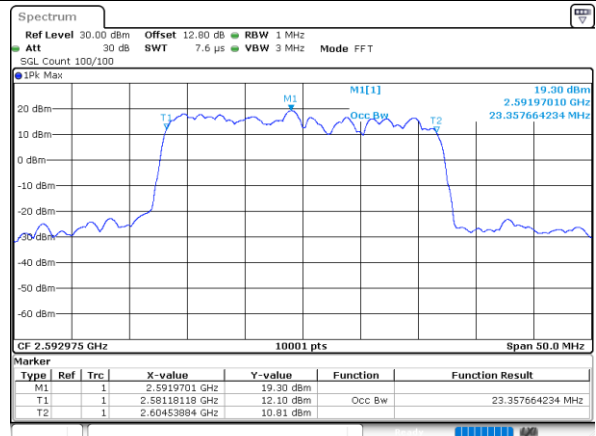
Date: 15.APR.2025 23:35:53

Middle Channel / 10MHz+20MHz



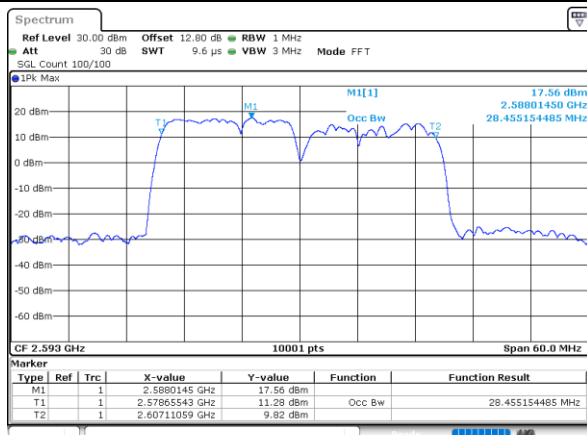
Date: 15.APR.2025 23:39:58

Middle Channel / 15MHz+10MHz



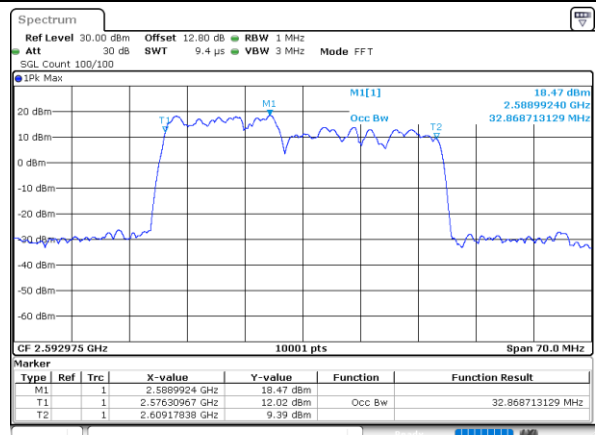
Date: 15.APR.2025 23:37:54

Middle Channel / 15MHz+15MHz



Date: 15.APR.2025 23:44:36

Middle Channel / 15MHz+20MHz



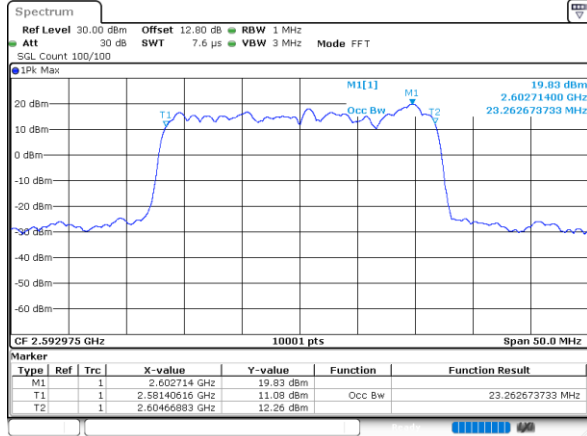
Date: 15.APR.2025 23:46:32



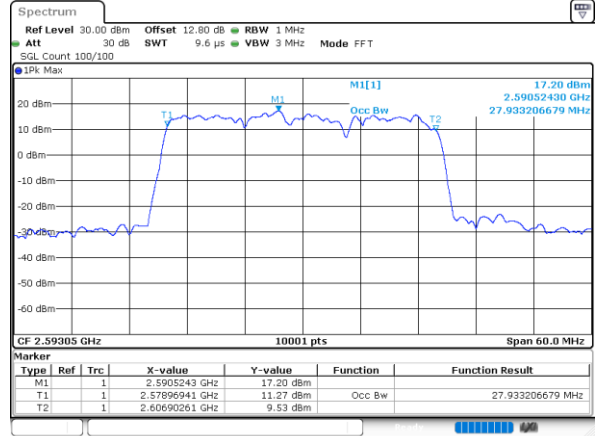
LTE Band 41C

16QAM

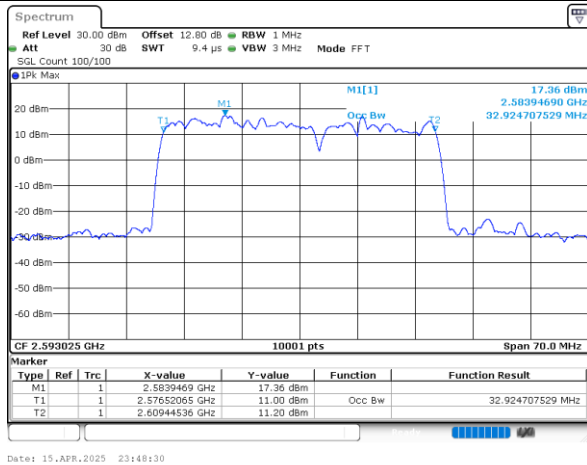
Middle Channel / 20MHz+5MHz



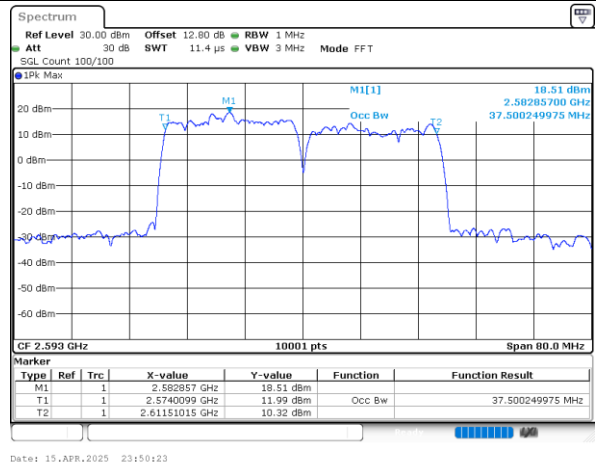
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

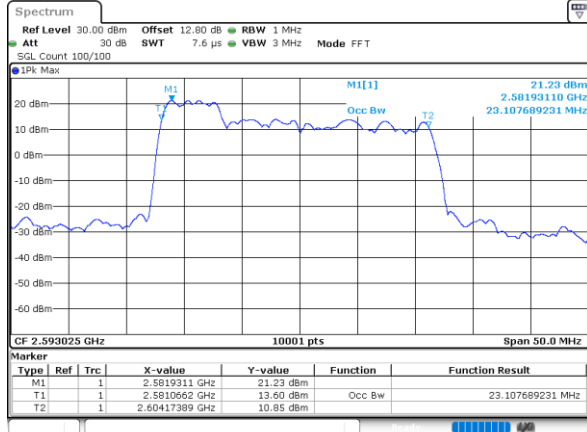




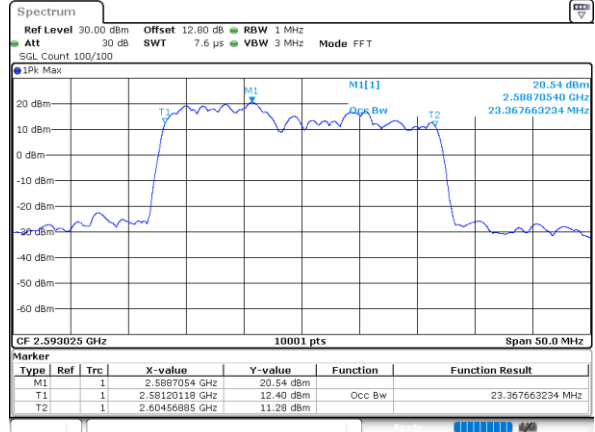
LTE Band 41C

64QAM

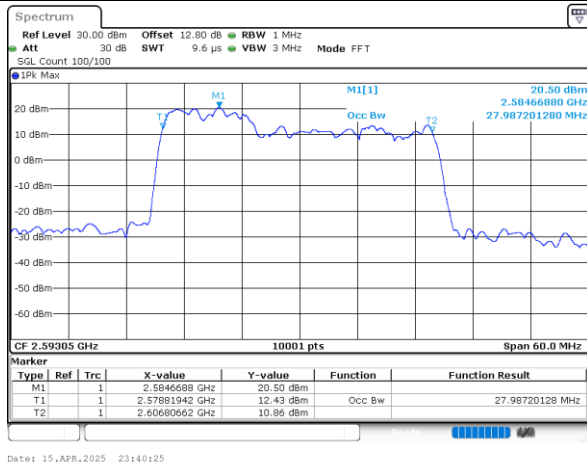
Middle Channel / 5MHz+20MHz



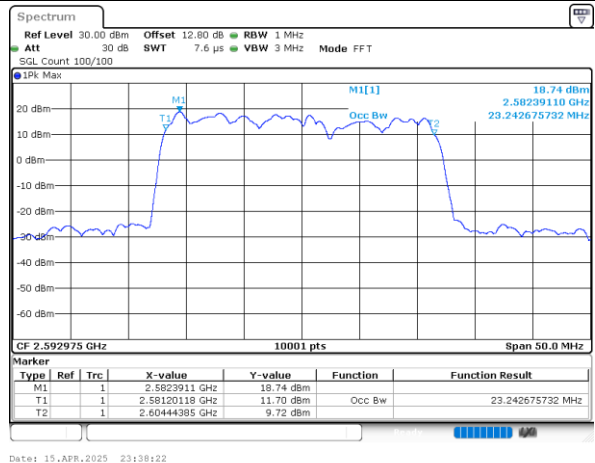
Middle Channel / 10MHz+15MHz



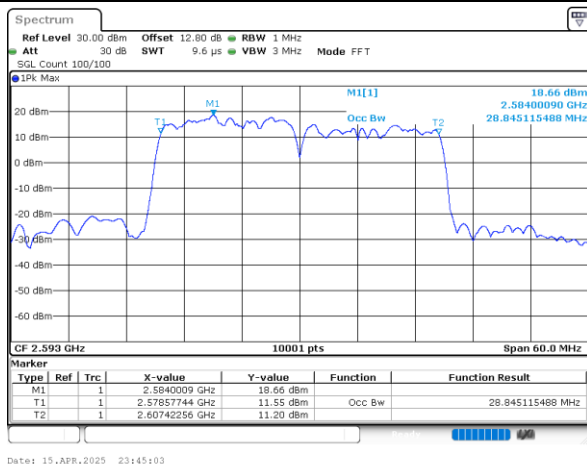
Middle Channel / 10MHz+20MHz



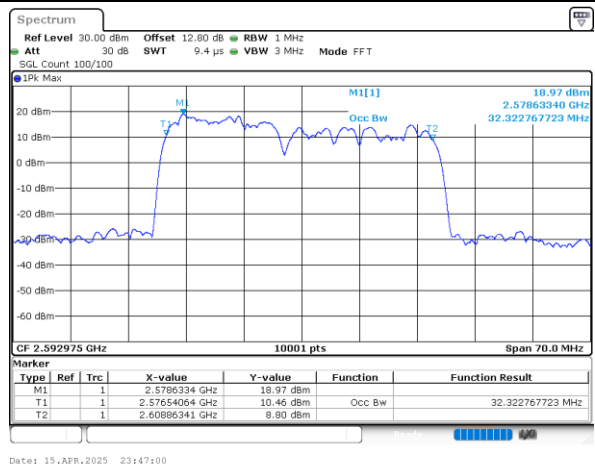
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

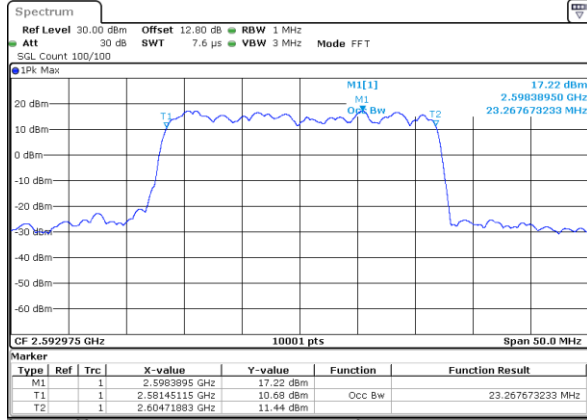




LTE Band 41C

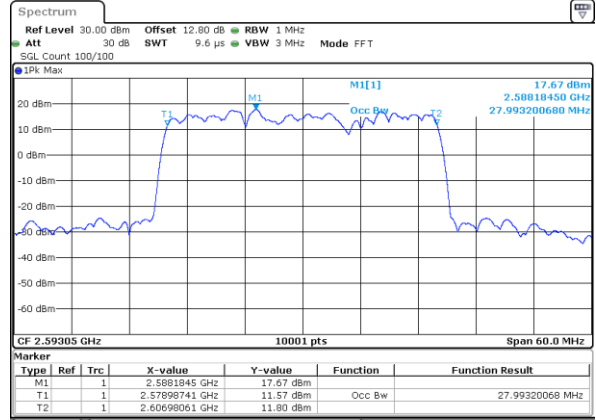
64QAM

Middle Channel / 20MHz+5MHz



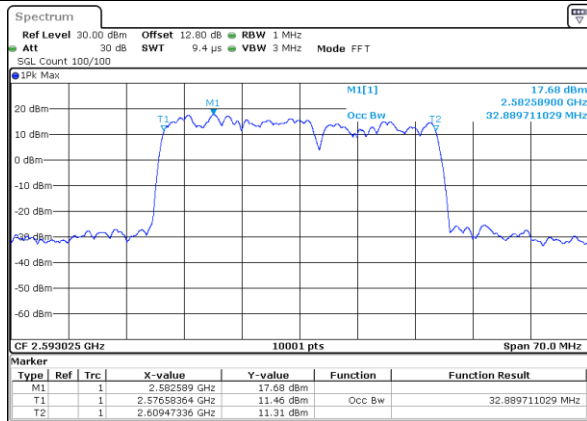
Date: 15.APR.2025 22:45:07

Middle Channel / 20MHz+10MHz



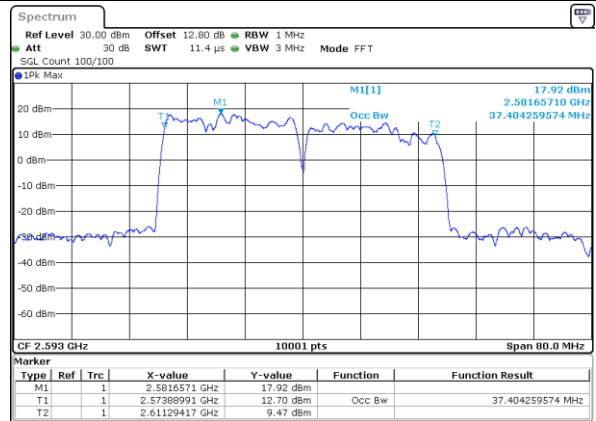
Date: 15.APR.2025 23:42:56

Middle Channel / 20MHz+15MHz



Date: 15.APR.2025 23:48:57

Middle Channel / 20MHz+20MHz



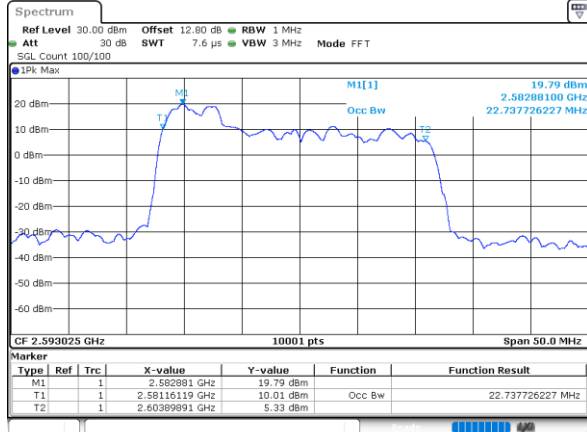
Date: 15.APR.2025 23:50:51



LTE Band 41C

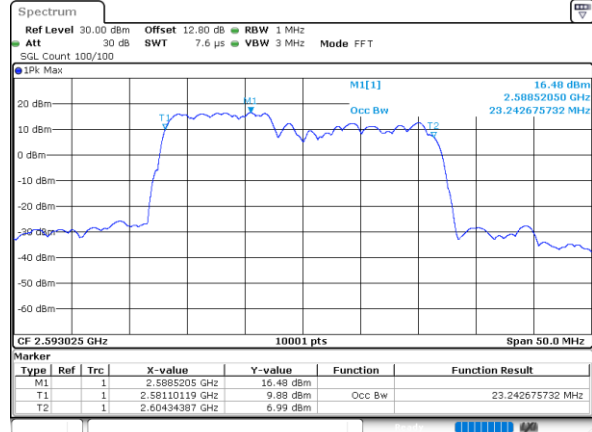
256QAM

Middle Channel / 5MHz+20MHz



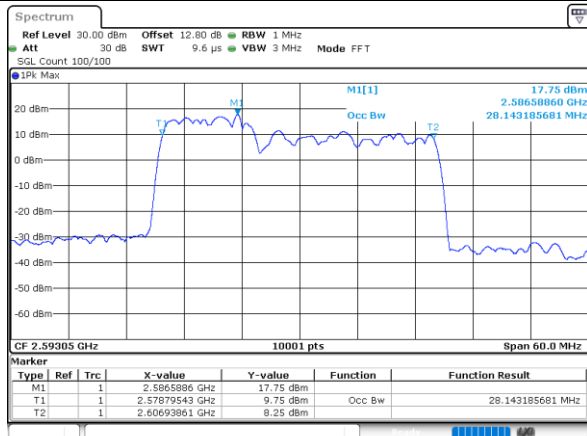
Date: 15.APR.2025 22:43:32

Middle Channel / 10MHz+15MHz



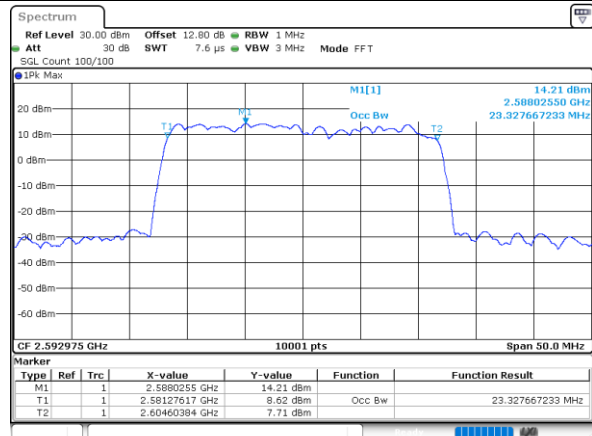
Date: 15.APR.2025 23:36:50

Middle Channel / 10MHz+20MHz



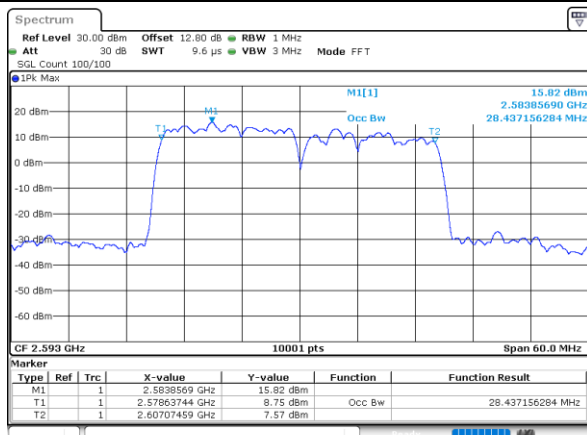
Date: 15.APR.2025 23:40:52

Middle Channel / 15MHz+10MHz



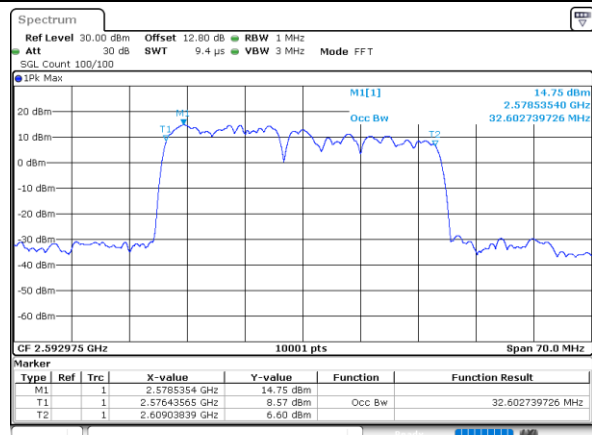
Date: 15.APR.2025 23:38:51

Middle Channel / 15MHz+15MHz



Date: 15.APR.2025 23:45:31

Middle Channel / 15MHz+20MHz



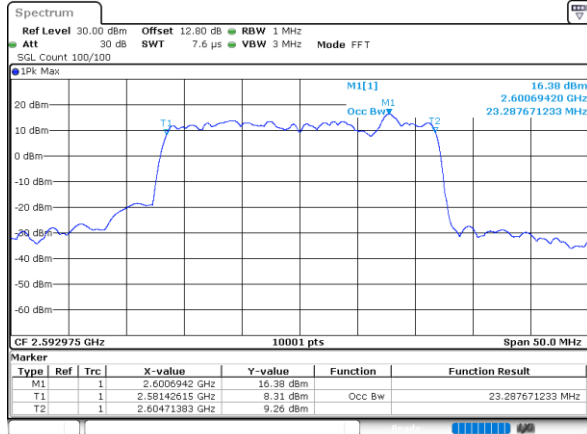
Date: 15.APR.2025 23:47:28



LTE Band 41C

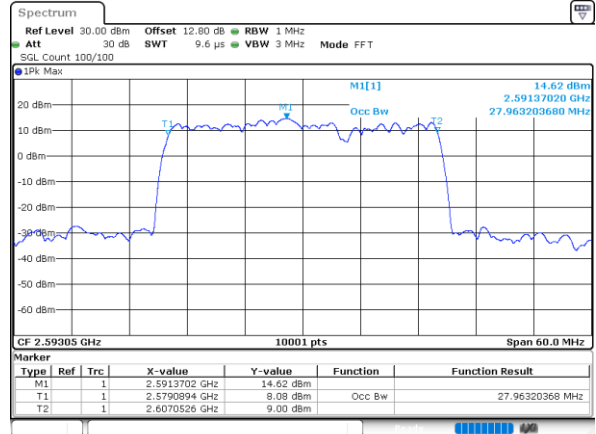
256QAM

Middle Channel / 20MHz+5MHz



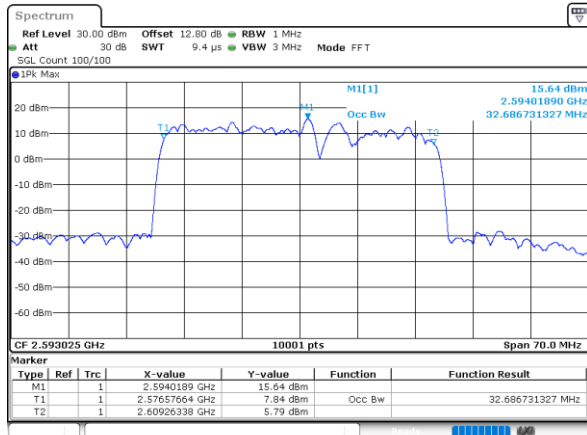
Date: 15.APR.2025 22:45:34

Middle Channel / 20MHz+10MHz



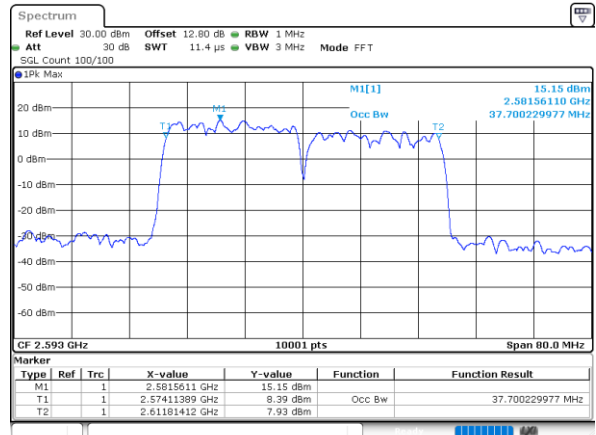
Date: 15.APR.2025 23:43:23

Middle Channel / 20MHz+15MHz



Date: 15.APR.2025 23:49:24

Middle Channel / 20MHz+20MHz



Date: 15.APR.2025 23:51:19



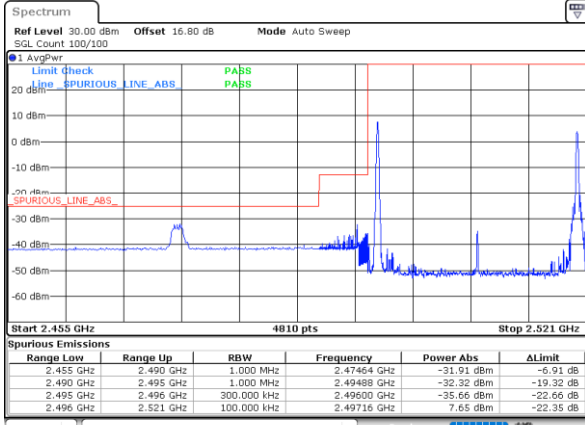
Conducted Band Edge



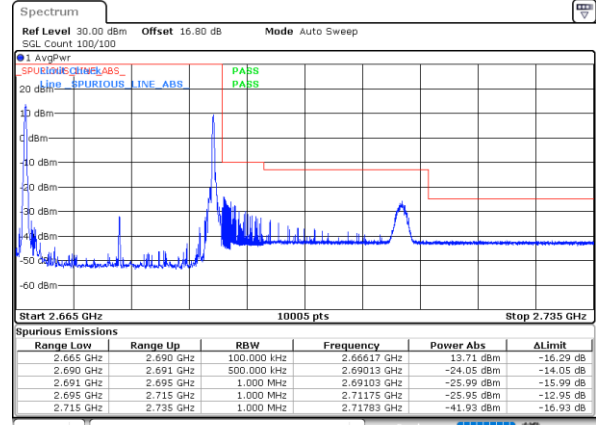
LTE Band 41C / 5MHz+20MHz

QPSK

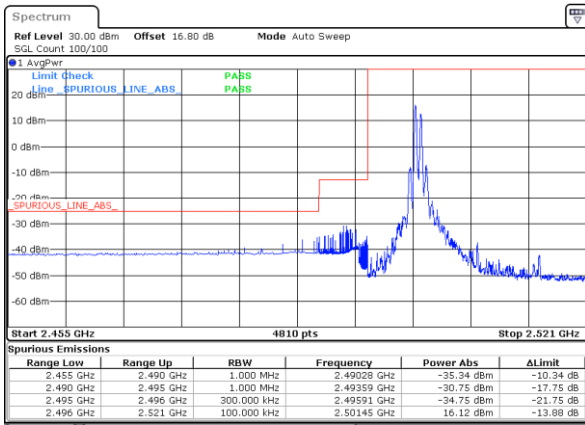
Lowest Band Edge / 1RB0 and 1RB99



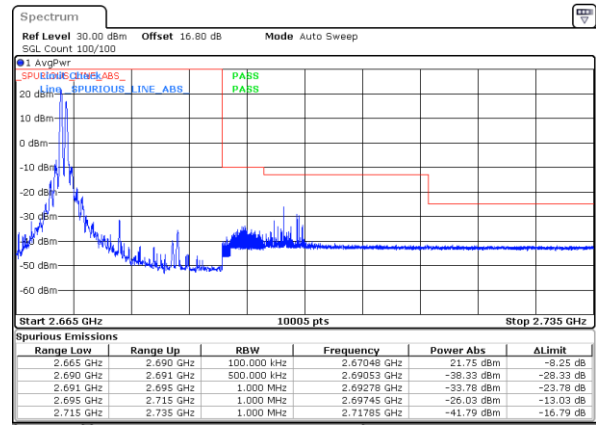
Highest Band Edge / 1RB0 and 1RB99



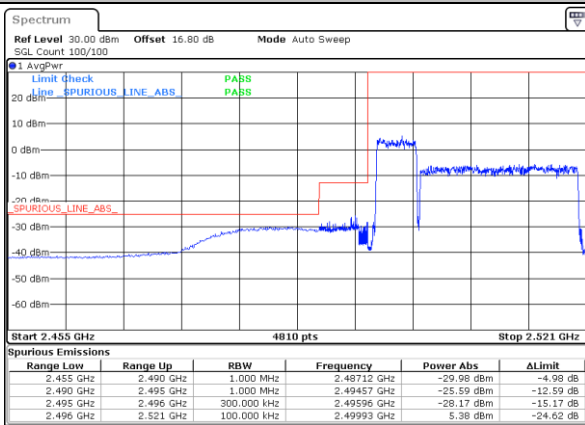
Lowest Band Edge / 1RB24 and 1RB0



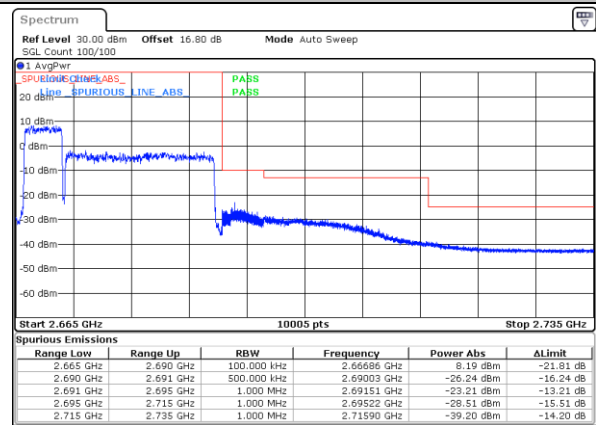
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

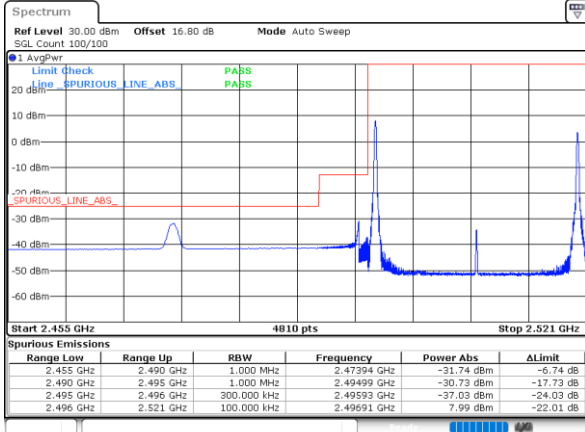




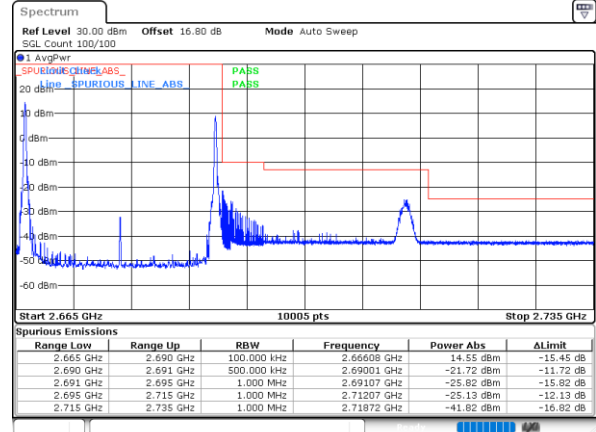
LTE Band 41C / 10MHz+15MHz

QPSK

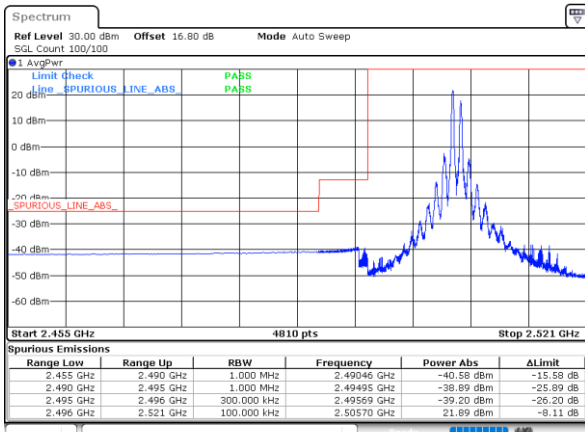
Lowest Band Edge / 1RB0 and 1RB74



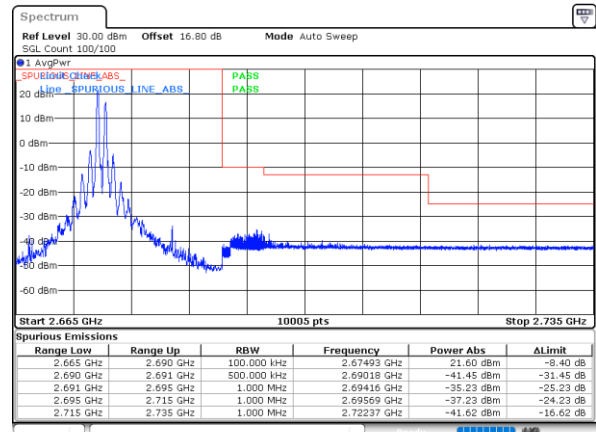
Highest Band Edge / 1RB0 and 1RB74



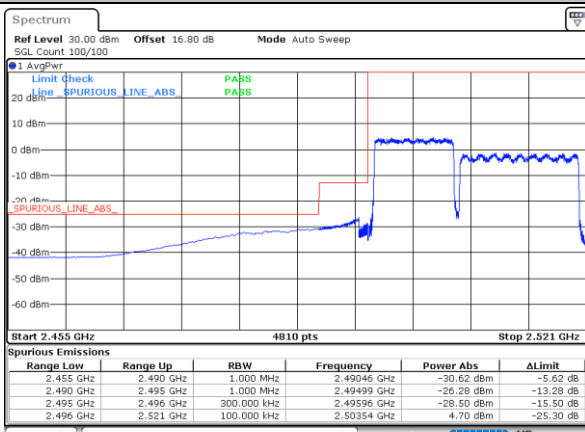
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

