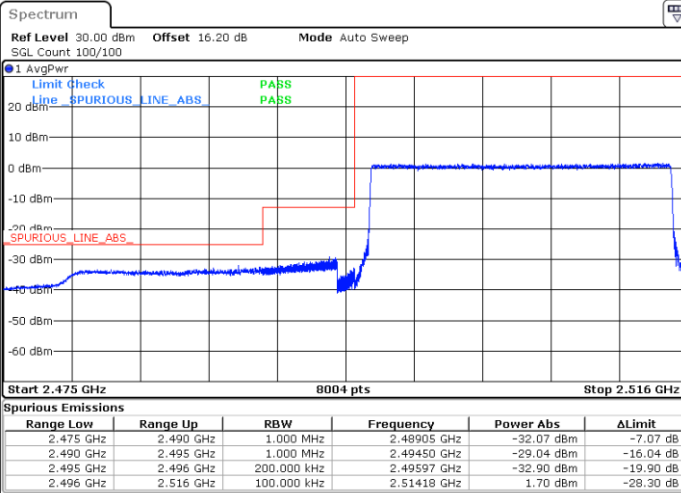




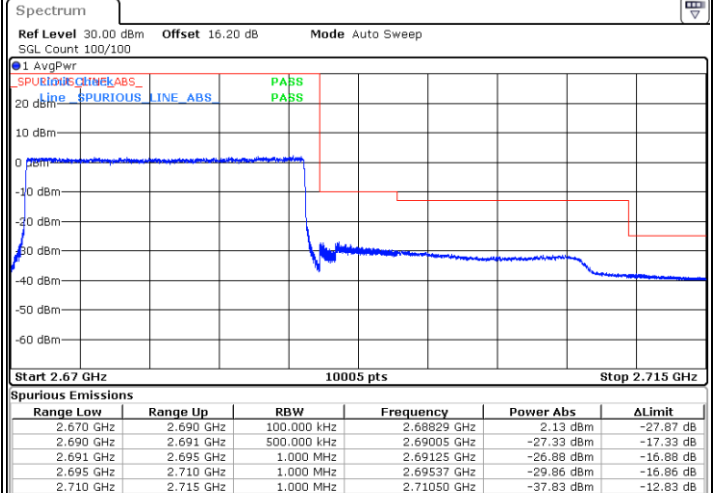
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 26.MAR.2024 14:58:56

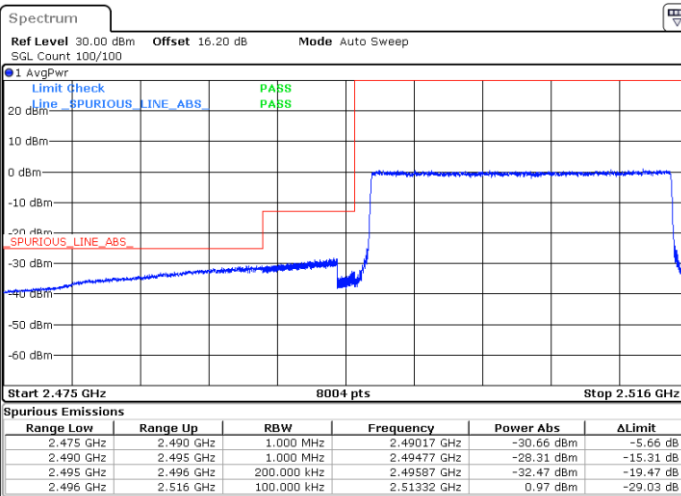
Highest Band Edge / Full RB



Date: 26.MAR.2024 15:07:15

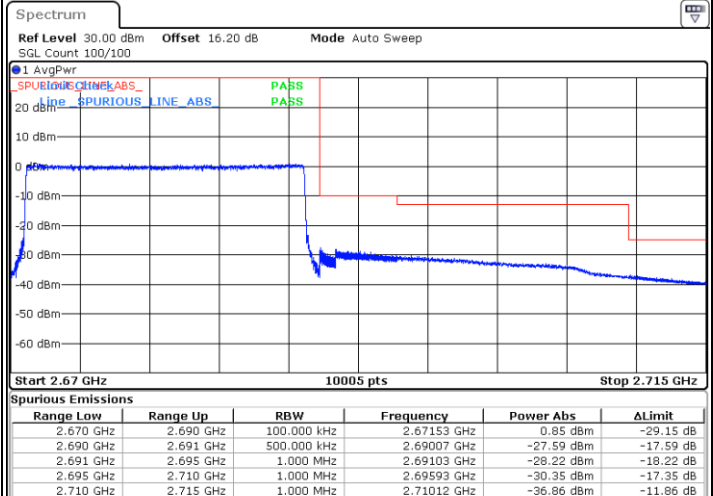
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26.MAR.2024 14:59:48

Highest Band Edge / Full RB

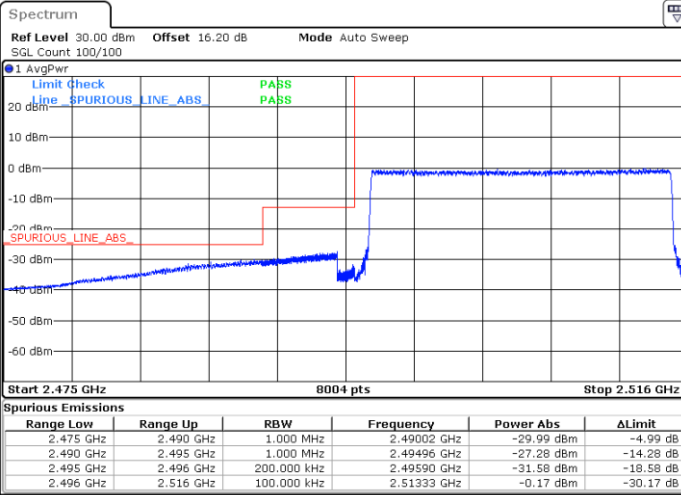


Date: 26.MAR.2024 15:08:07

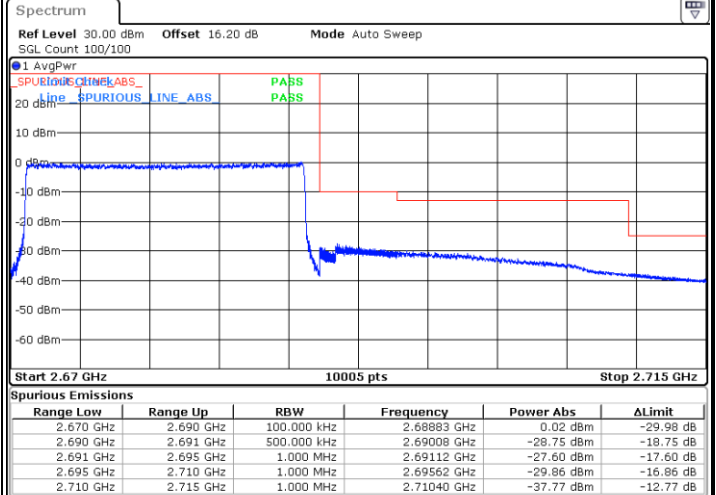


LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB

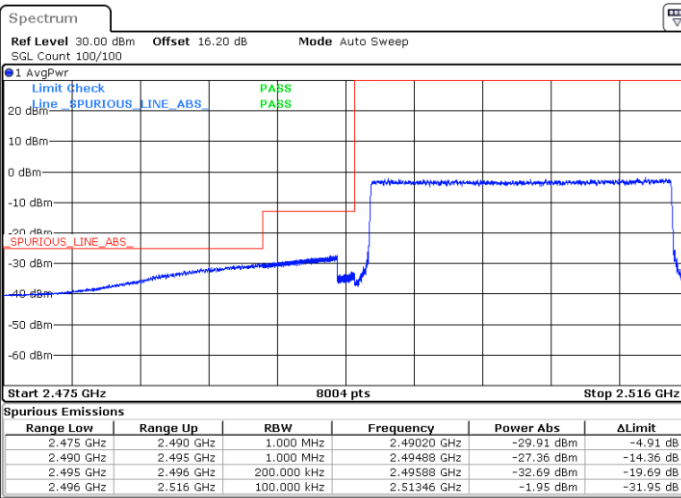


Highest Band Edge / Full RB

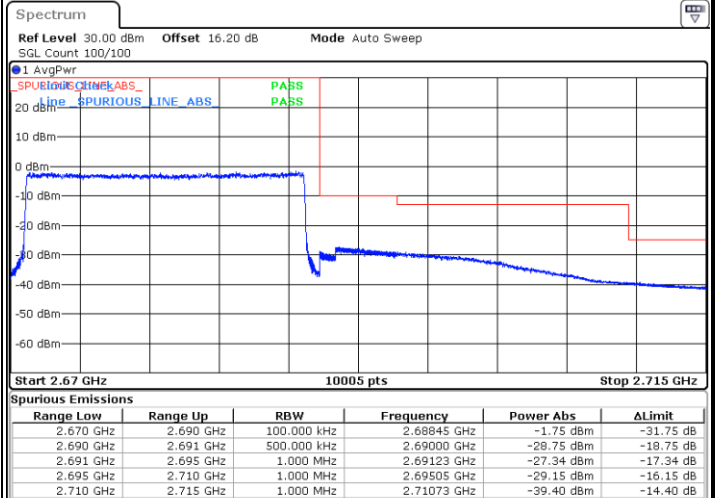


LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

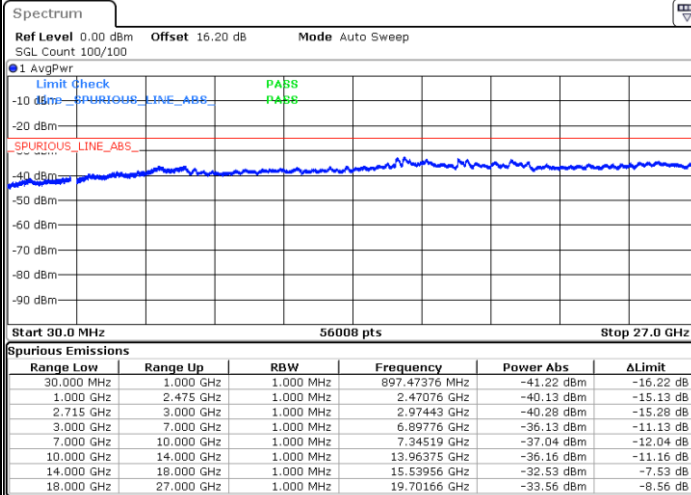




Conducted Spurious Emission

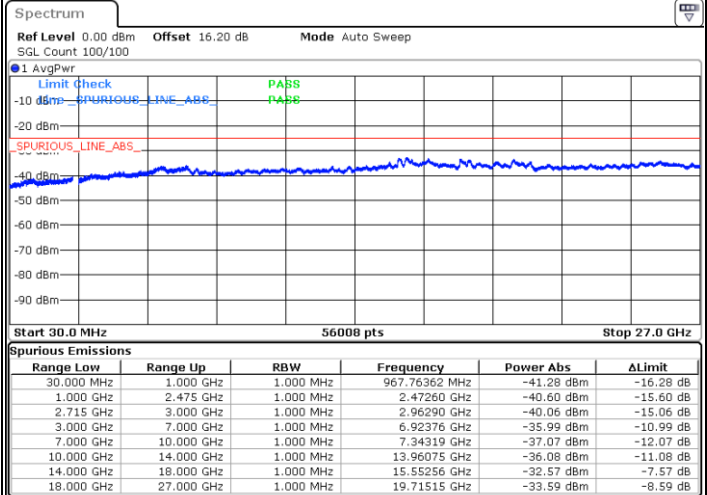
LTE Band 41 / 5MHz

Lowest Channel / QPSK



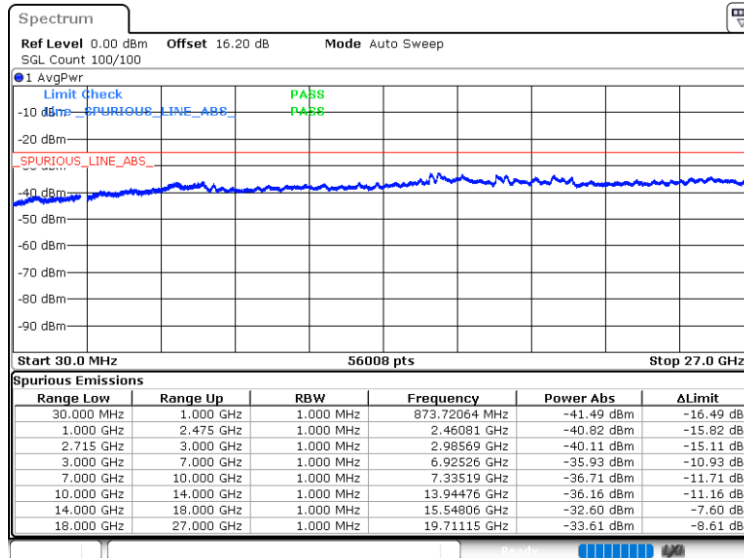
Date: 26.MAR.2024 14:06:45

Middle Channel / QPSK



Date: 26.MAR.2024 14:12:45

Highest Channel / QPSK

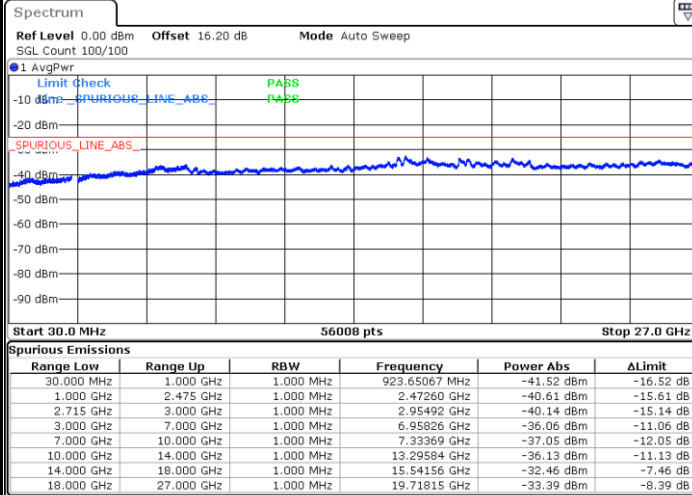


Date: 26.MAR.2024 14:26:23



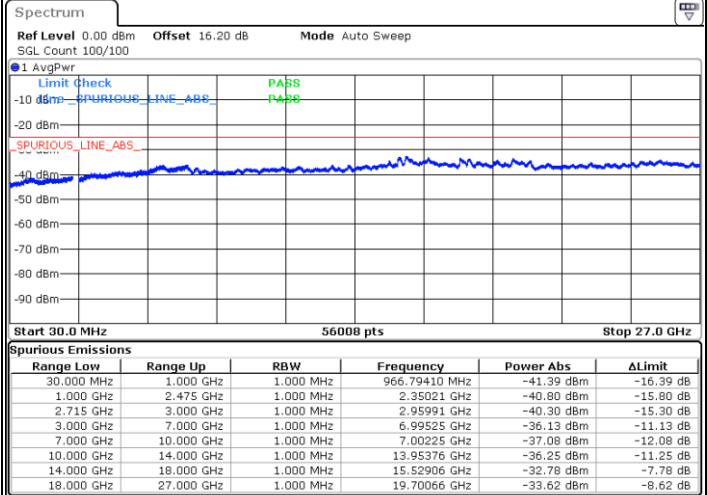
LTE Band 41 / 10MHz

Lowest Channel / QPSK



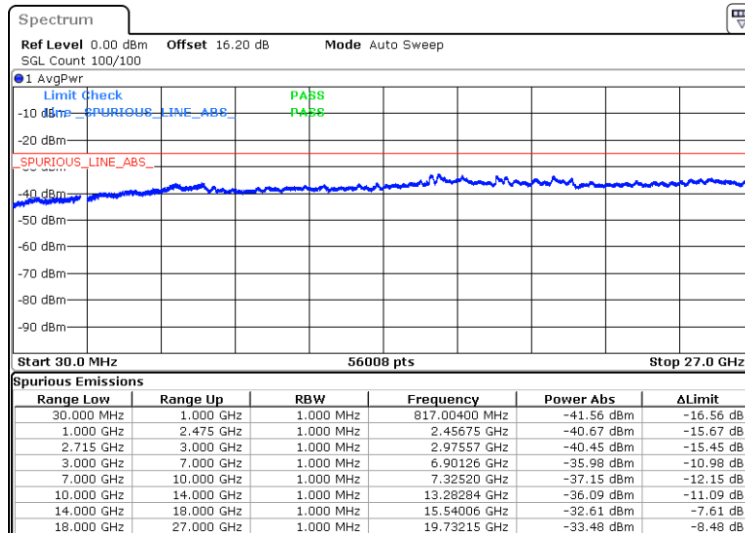
Date: 26.MAR.2024 15:17:15

Middle Channel / QPSK



Date: 26.MAR.2024 15:18:17

Highest Channel / QPSK

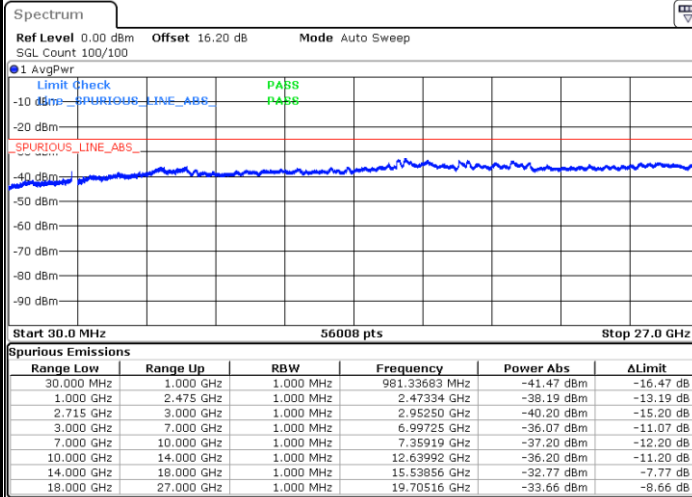


Date: 26.MAR.2024 15:19:18



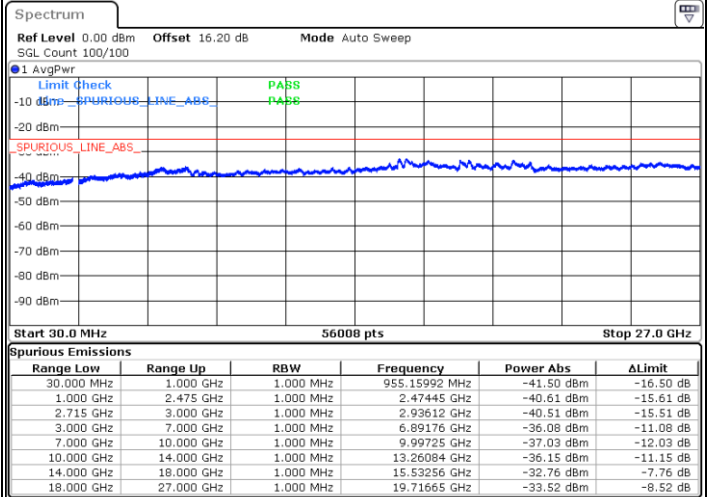
LTE Band 41 / 15MHz

Lowest Channel / QPSK



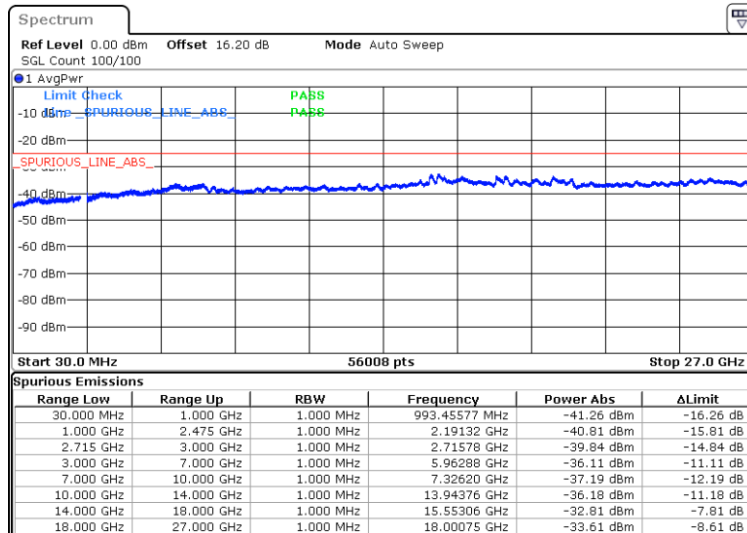
Date: 26.MAR.2024 15:20:22

Middle Channel / QPSK



Date: 26.MAR.2024 15:21:24

Highest Channel / QPSK

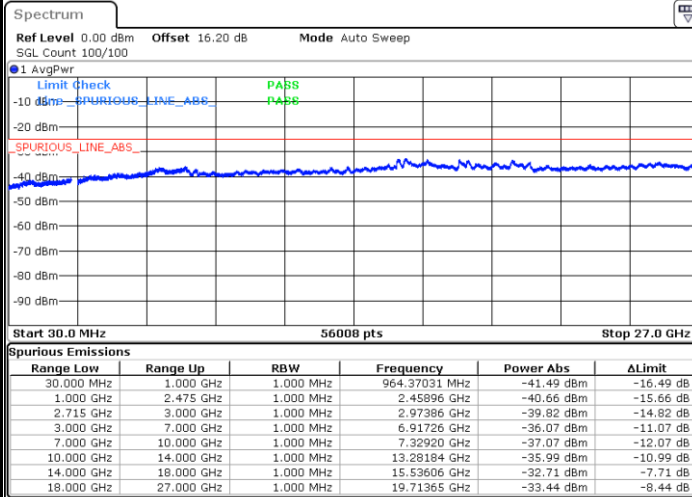


Date: 26.MAR.2024 15:22:26



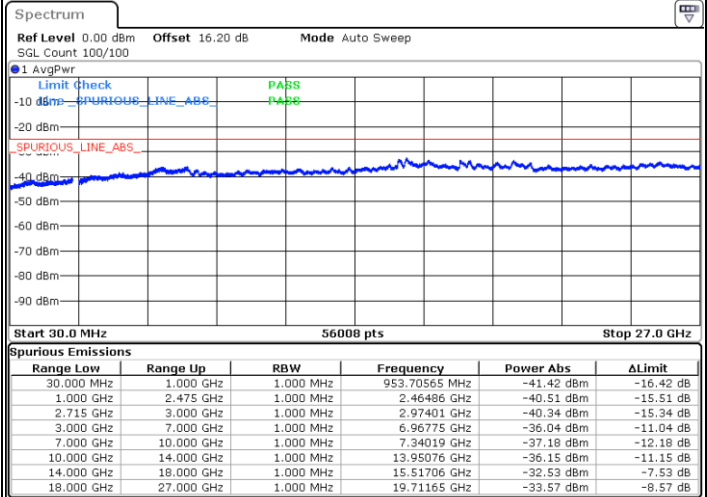
LTE Band 41 / 20MHz

Lowest Channel / QPSK



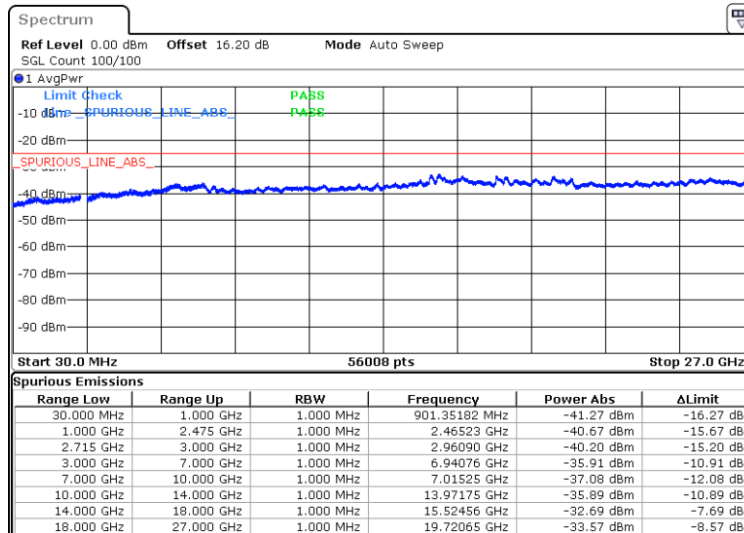
Date: 26.MAR.2024 15:23:29

Middle Channel / QPSK



Date: 26.MAR.2024 15:24:31

Highest Channel / QPSK



Date: 26.MAR.2024 15:25:32

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	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0060	

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 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.72	25.22	29.96	25.17	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.87	30.32	34.82	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.72	25.07	29.60	25.32	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.82	24.92	29.96	35.10	39.96

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.07	29.85	25.27	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.96	24.92	30.26	34.82	39.88

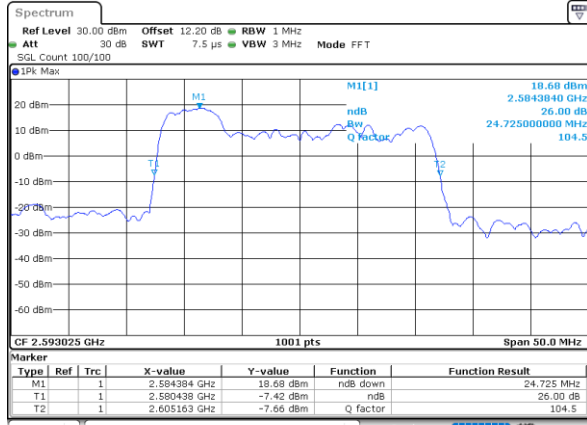
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.12	29.78	25.37	30.50
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.97	29.85	35.03	39.71



LTE Band 41C

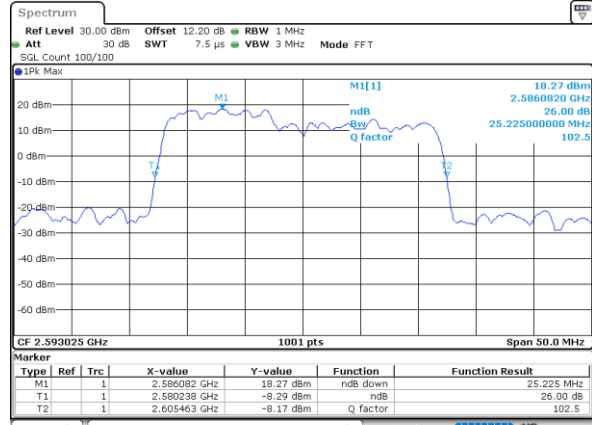
QPSK

Middle Channel / 5MHz+20MHz



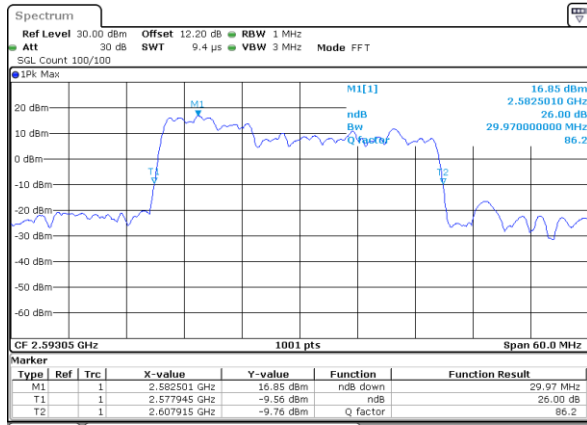
Date: 1.APR.2024 17:38:09

Middle Channel / 10MHz+15MHz



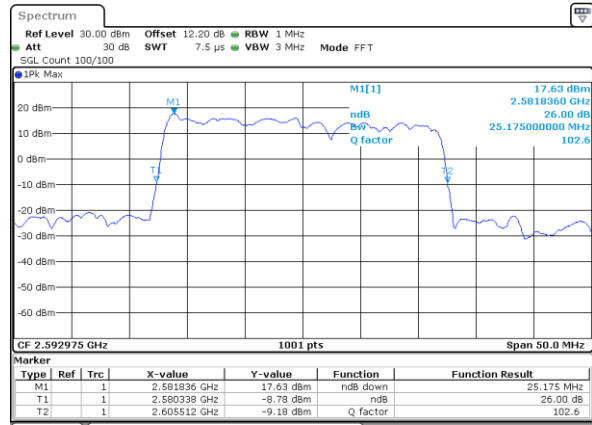
Date: 1.APR.2024 17:45:24

Middle Channel / 10MHz+20MHz



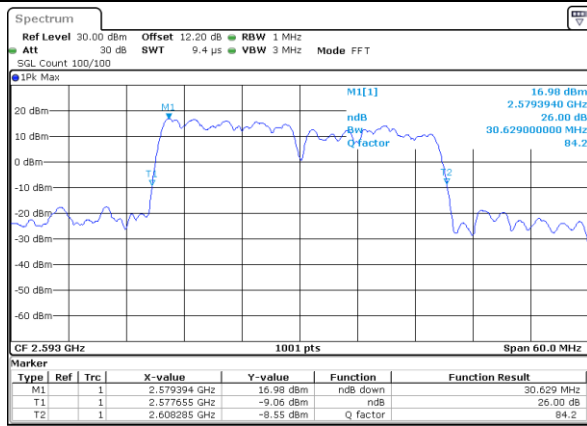
Date: 1.APR.2024 17:52:36

Middle Channel / 15MHz+10MHz



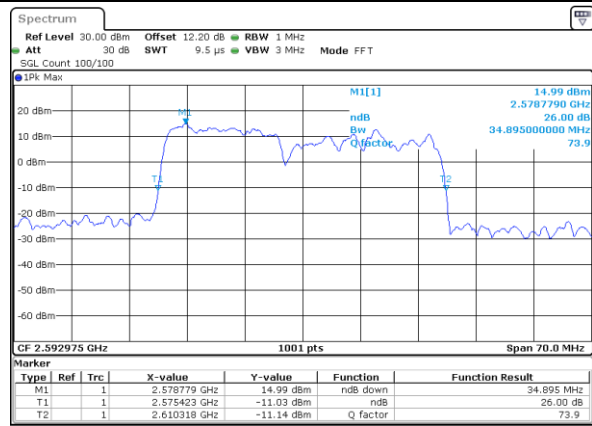
Date: 1.APR.2024 17:49:03

Middle Channel / 15MHz+15MHz



Date: 1.APR.2024 18:00:03

Middle Channel / 15MHz+20MHz

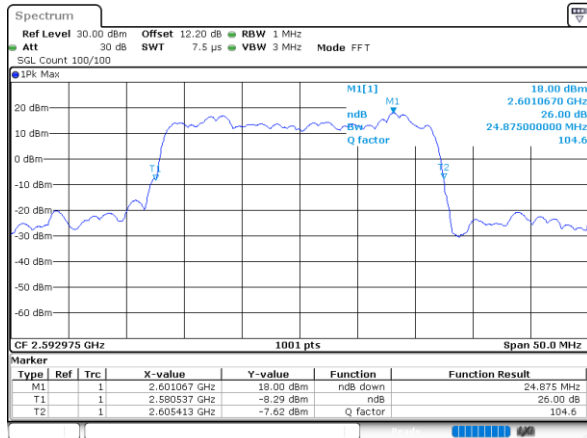


Date: 1.APR.2024 18:03:29

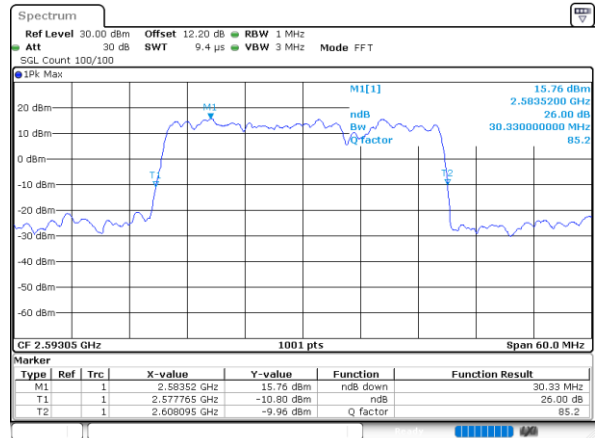


LTE Band 41C

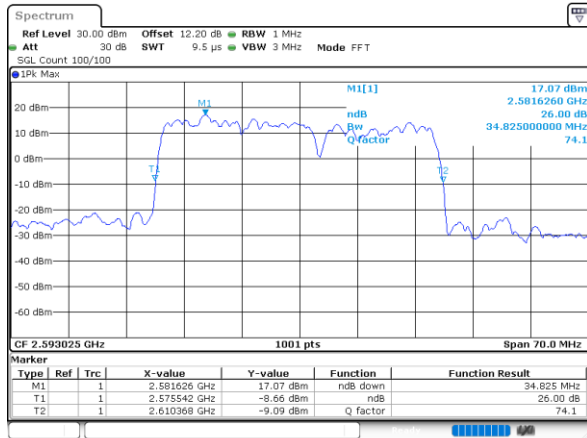
Middle Channel / 20MHz+5MHz



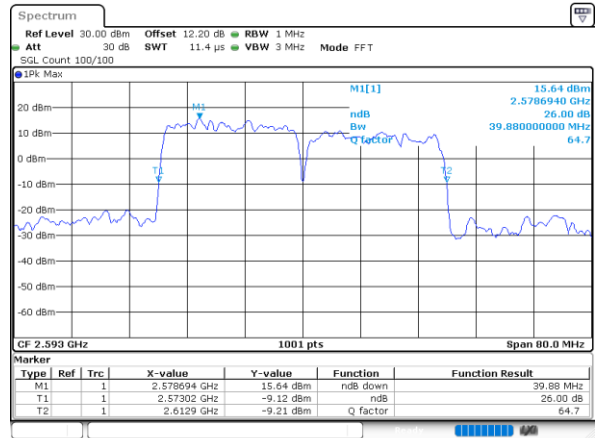
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



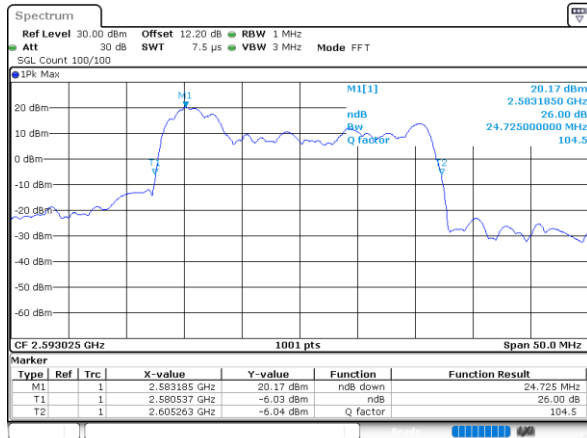
Middle Channel / 20MHz+20MHz





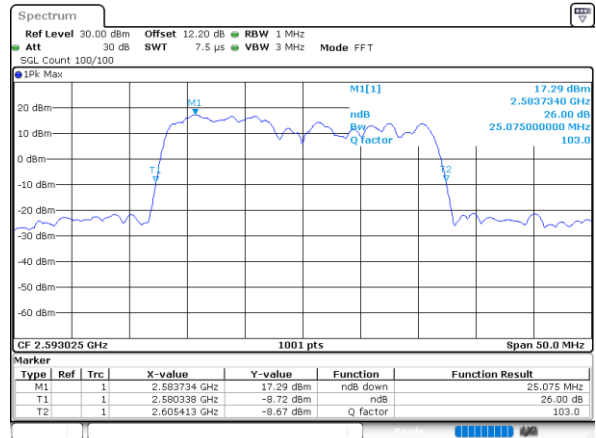
LTE Band 41C

Middle Channel / 5MHz+20MHz



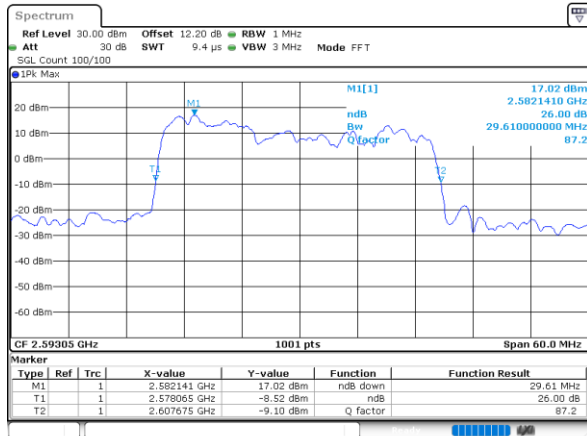
Date: 1.APR.2024 17:37:44

Middle Channel / 10MHz+15MHz



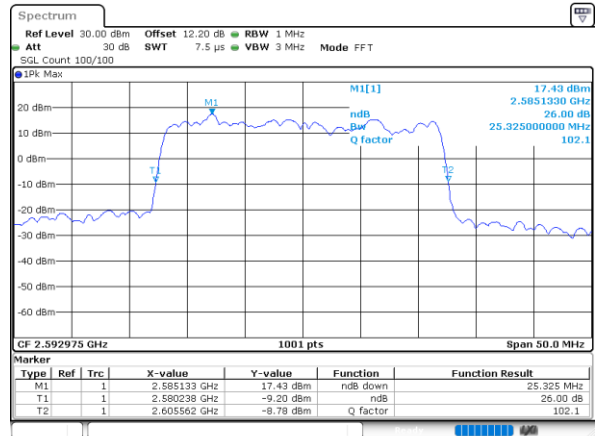
Date: 1.APR.2024 17:44:59

Middle Channel / 10MHz+20MHz



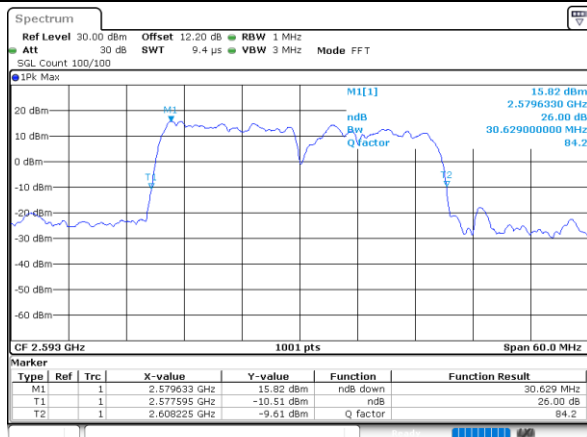
Date: 1.APR.2024 17:52:11

Middle Channel / 15MHz+10MHz



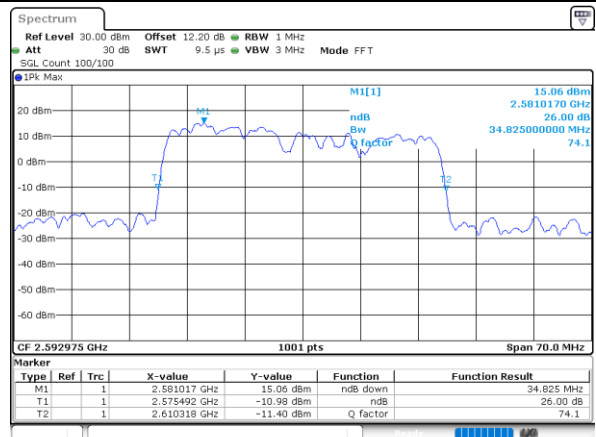
Date: 1.APR.2024 17:48:37

Middle Channel / 15MHz+15MHz



Date: 1.APR.2024 17:59:38

Middle Channel / 15MHz+20MHz



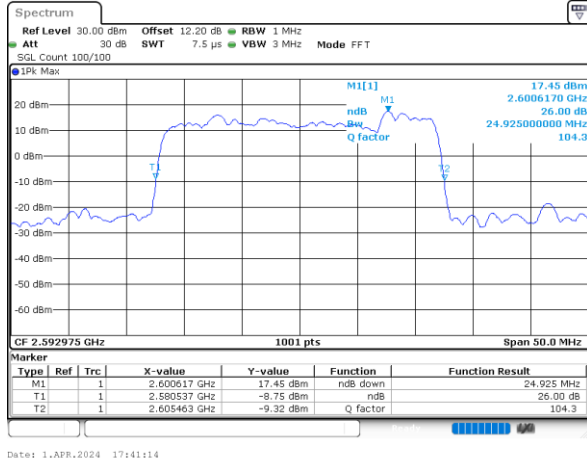
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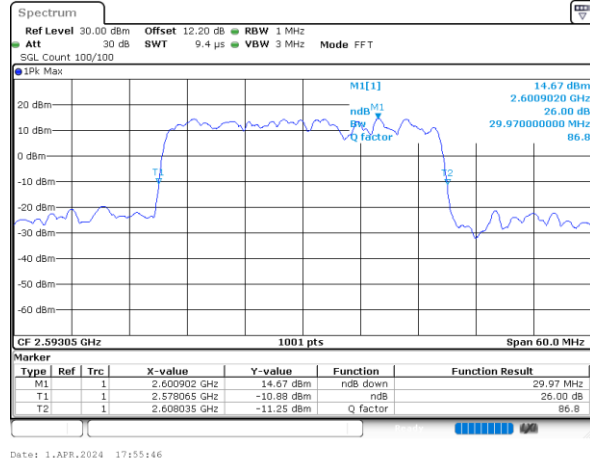
LTE Band 41C

16QAM

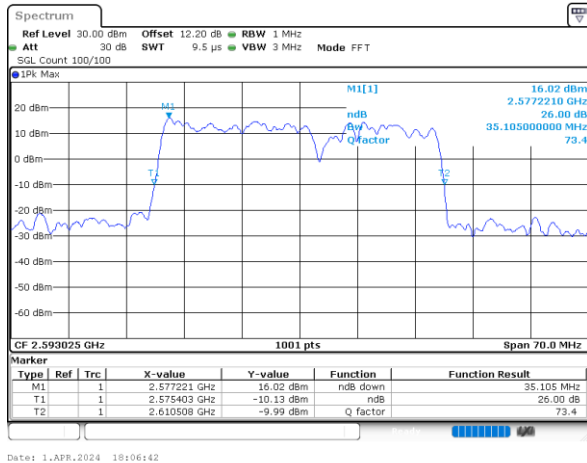
Middle Channel / 20MHz+5MHz



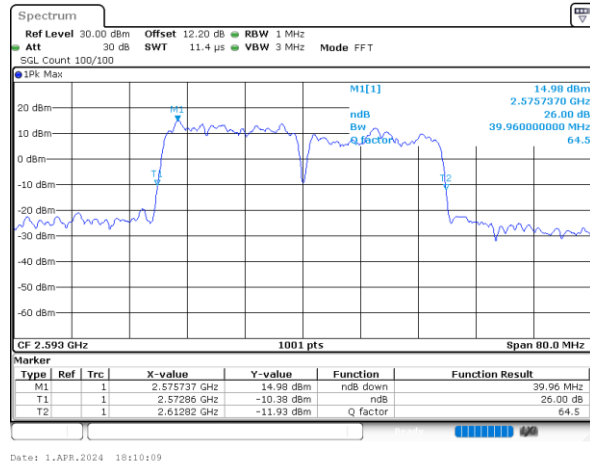
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

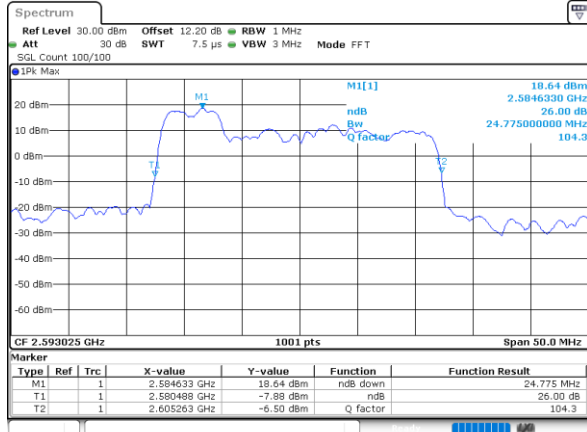




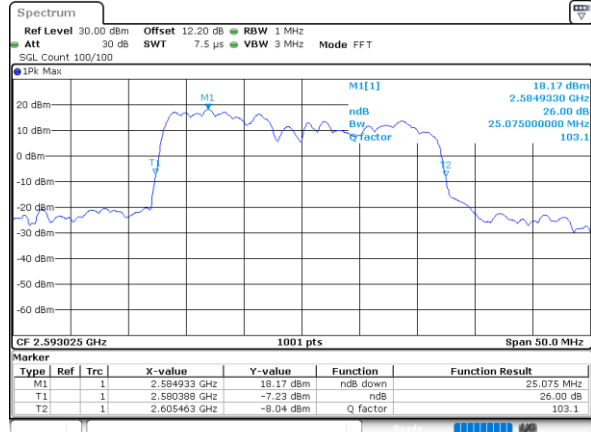
LTE Band 41C

64QAM

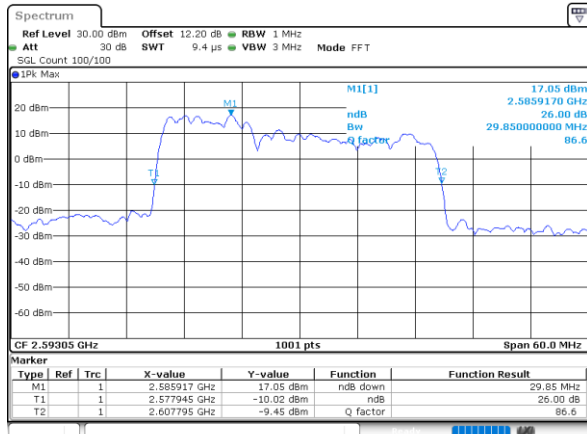
Middle Channel / 5MHz+20MHz



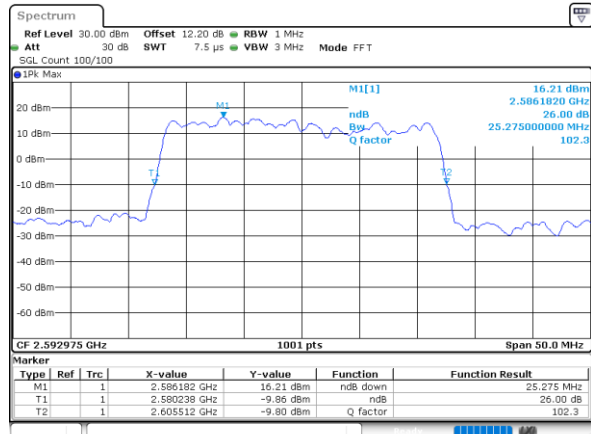
Middle Channel / 10MHz+15MHz



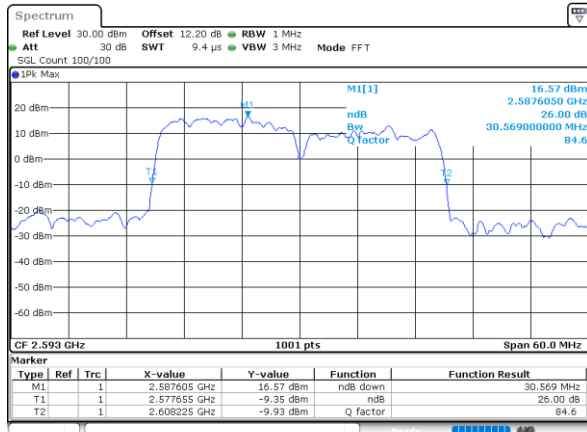
Middle Channel / 10MHz+20MHz



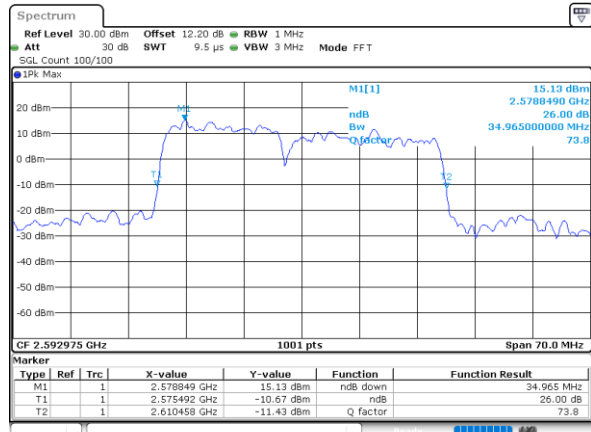
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

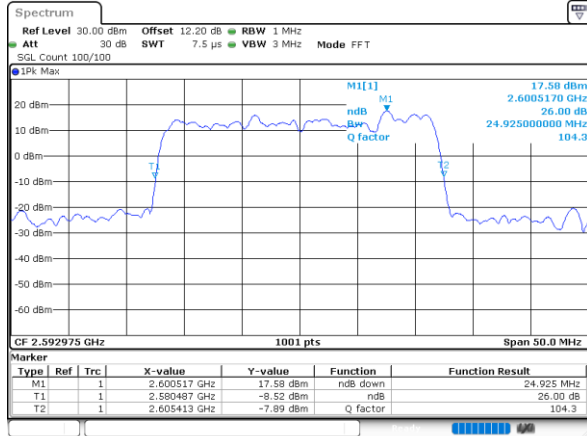




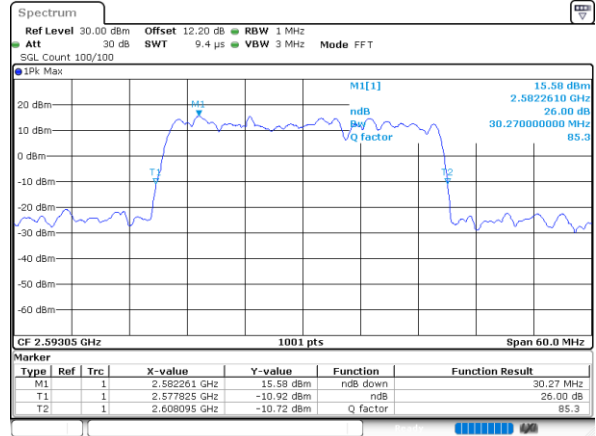
LTE Band 41C

64QAM

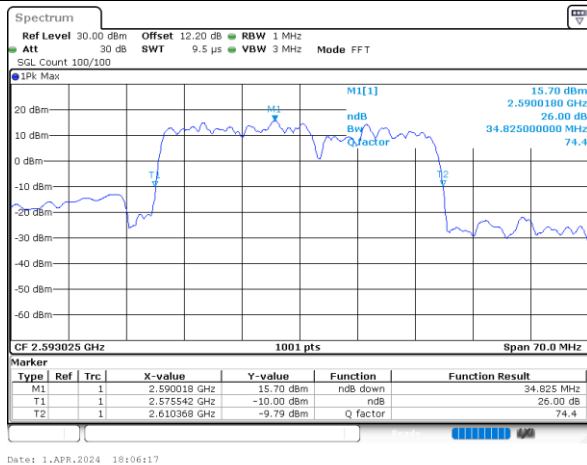
Middle Channel / 20MHz+5MHz



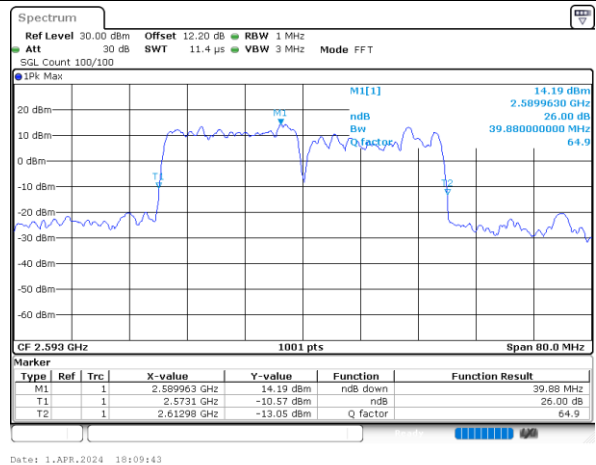
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

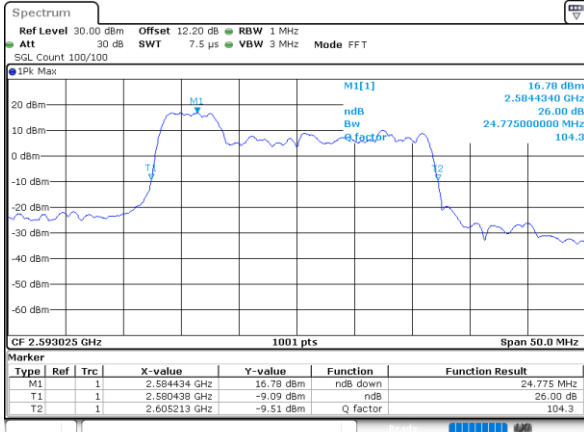




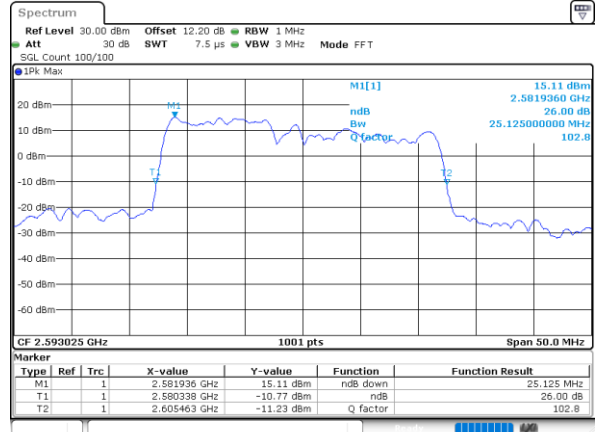
LTE Band 41C

256QAM

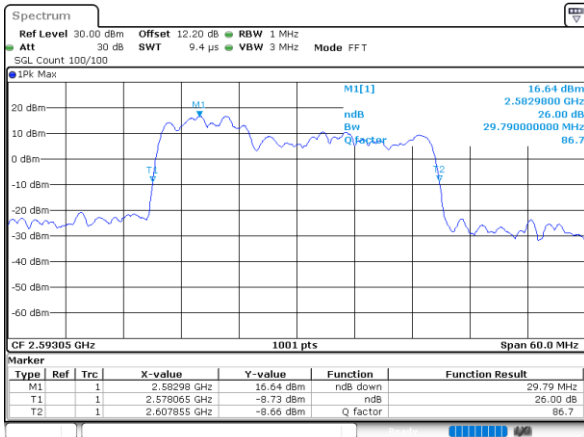
Middle Channel / 5MHz+20MHz



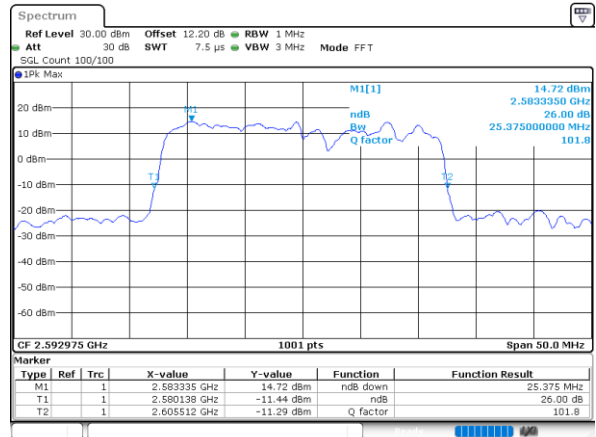
Middle Channel / 10MHz+15MHz



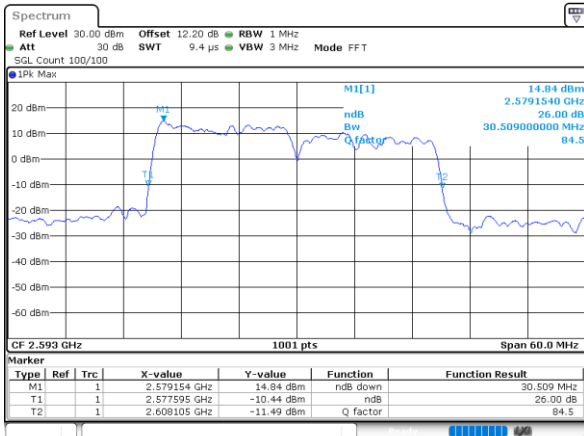
Middle Channel / 10MHz+20MHz



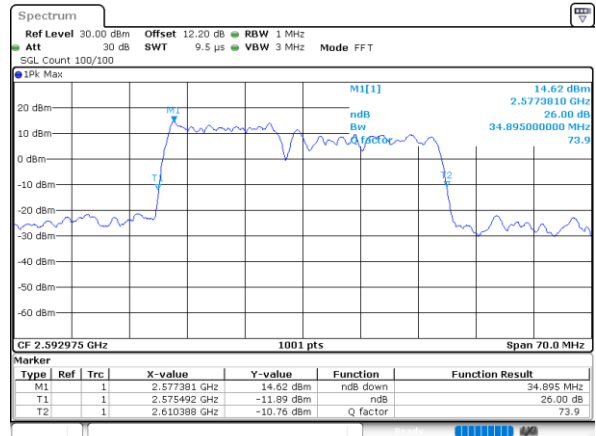
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

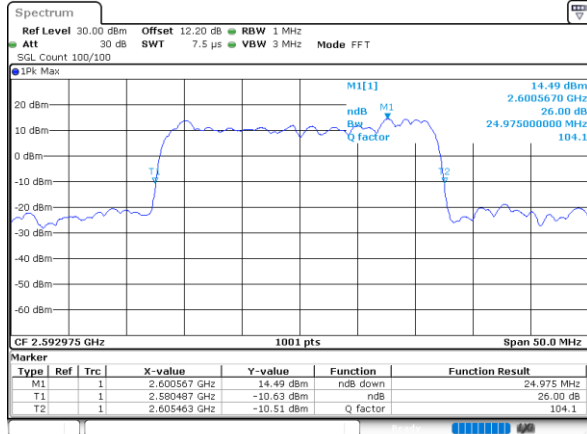




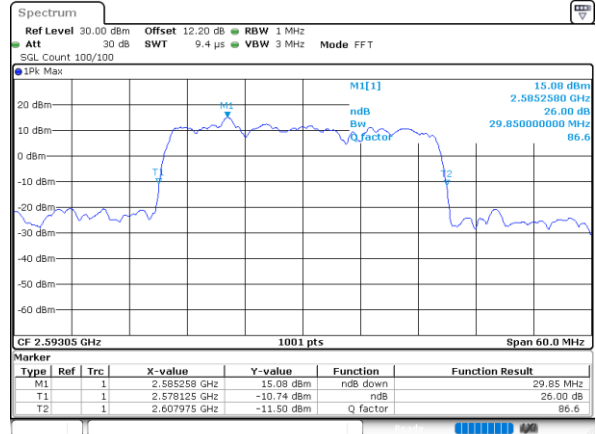
LTE Band 41C

256QAM

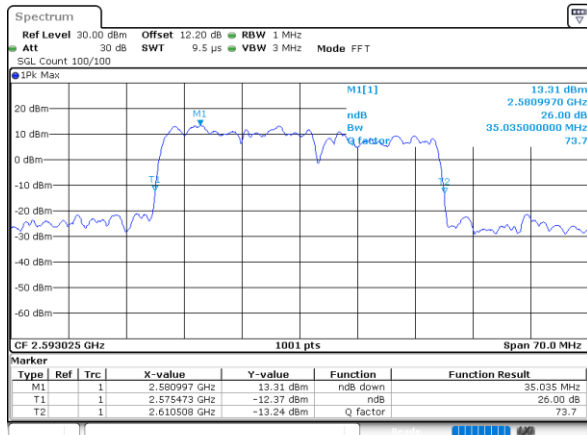
Middle Channel / 20MHz+5MHz



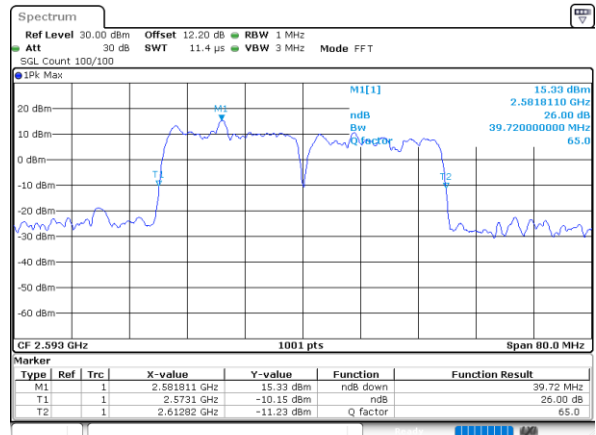
Middle Channel / 20MHz+10MHz



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	23.22	23.27	27.87	23.22	28.83
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.58	22.97	28.05	32.86	37.88

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.32	23.27	27.93	23.47	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.07	23.27	27.69	33.14	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.97	23.42	27.69	23.52	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.86	23.22	28.17	32.79	37.80

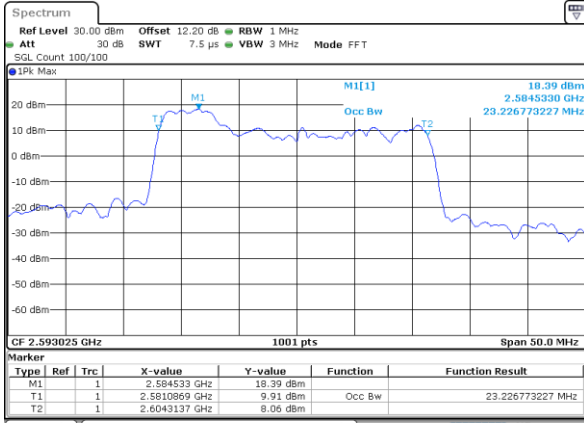
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.02	23.42	27.93	23.52	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.86	23.37	28.29	32.93	37.64



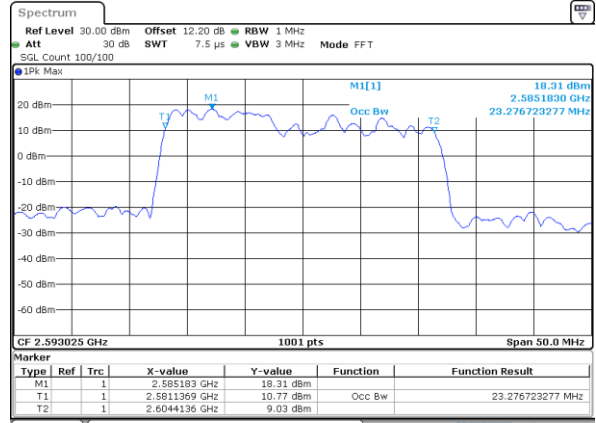
LTE Band 41C

QPSK

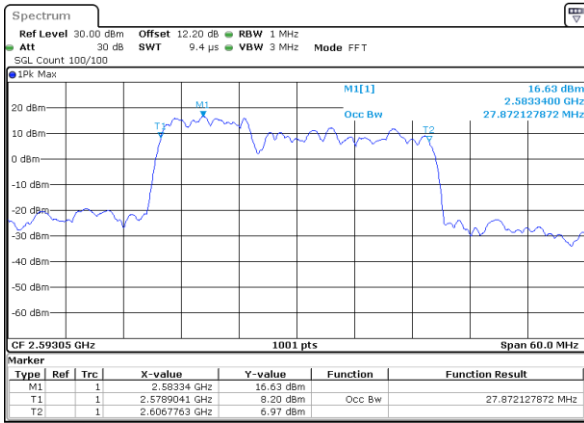
Middle Channel / 5MHz+20MHz



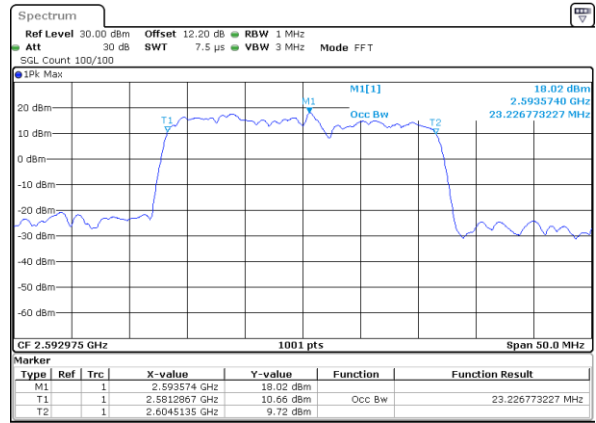
Middle Channel / 10MHz+15MHz



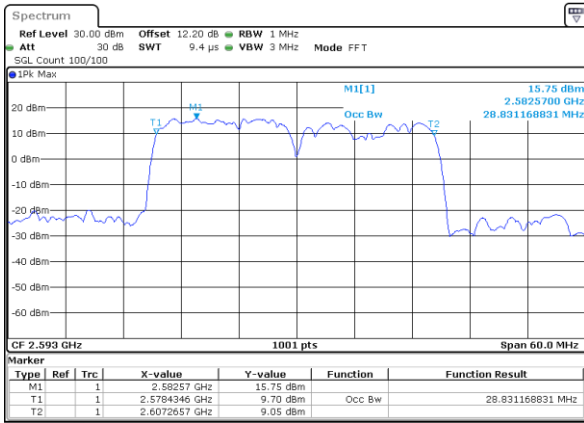
Middle Channel / 10MHz+20MHz



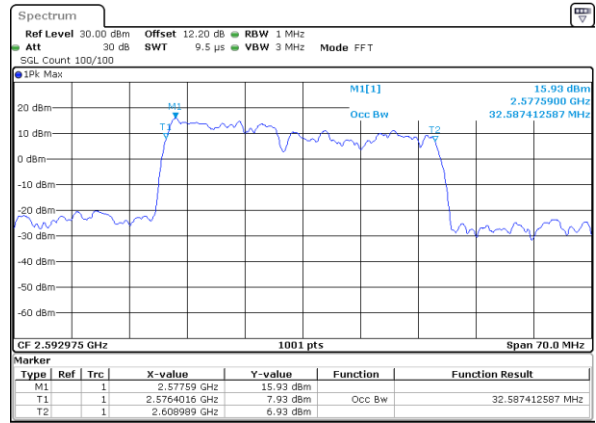
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

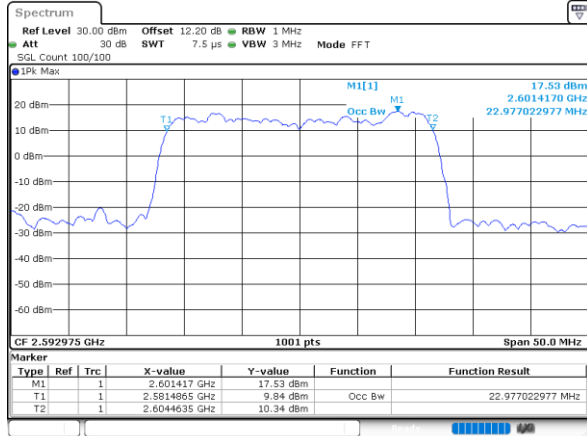




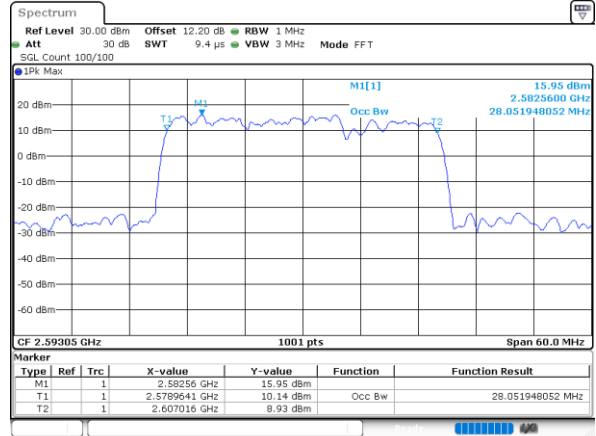
LTE Band 41C

QPSK

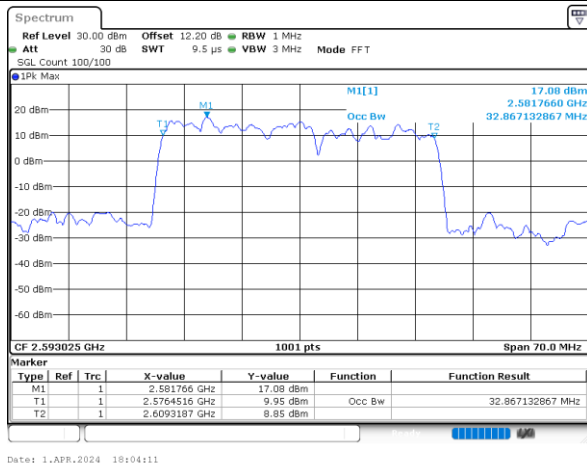
Middle Channel / 20MHz+5MHz



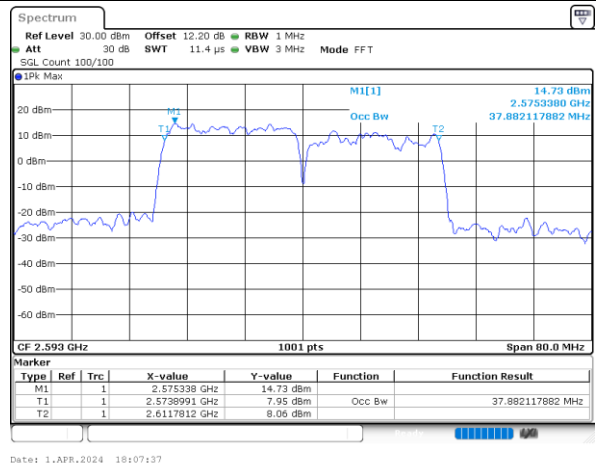
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

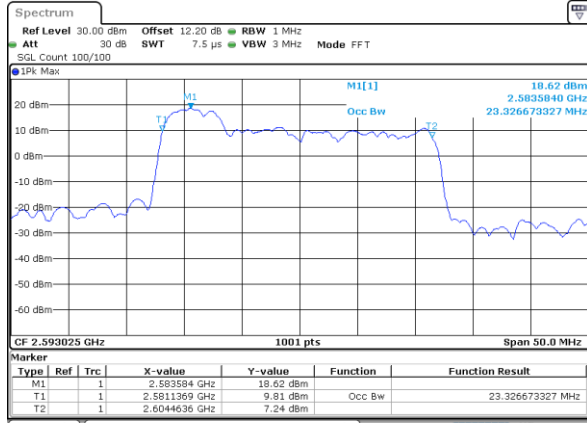




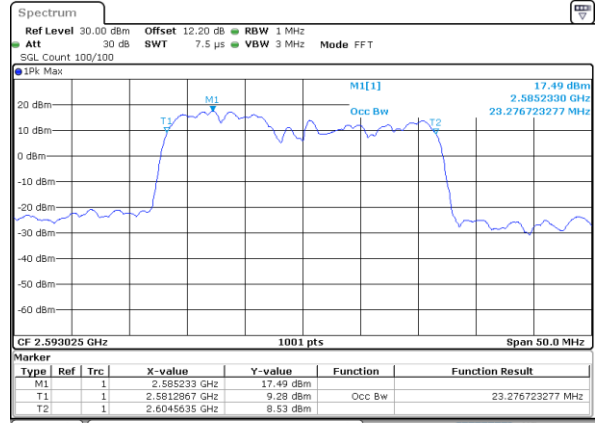
LTE Band 41C

16QAM

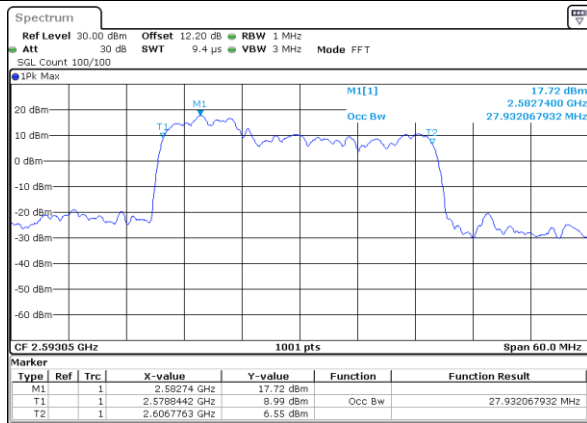
Middle Channel / 5MHz+20MHz



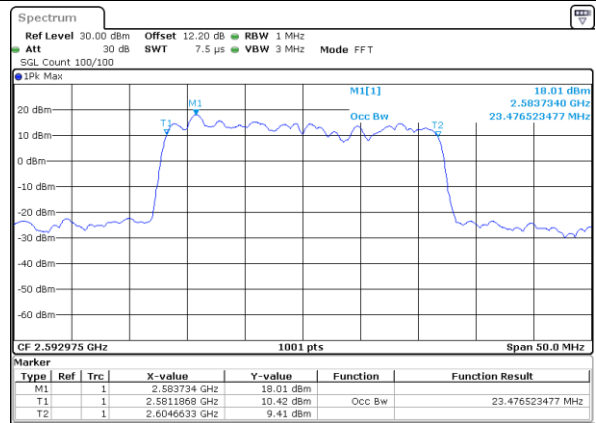
Middle Channel / 10MHz+15MHz



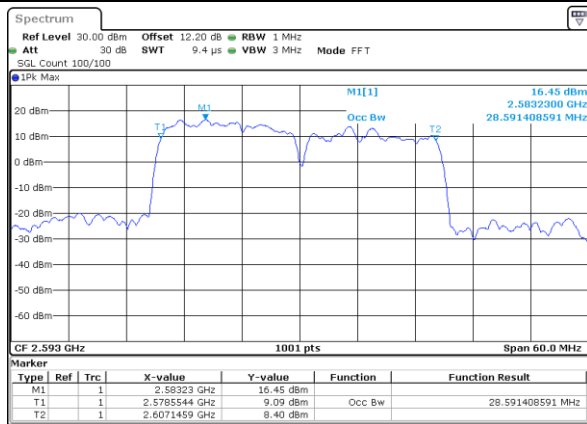
Middle Channel / 10MHz+20MHz



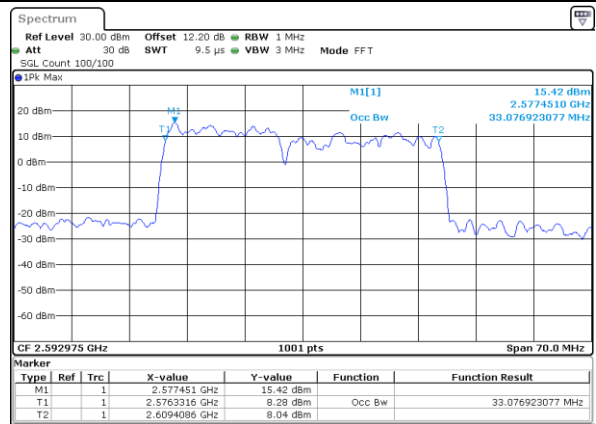
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

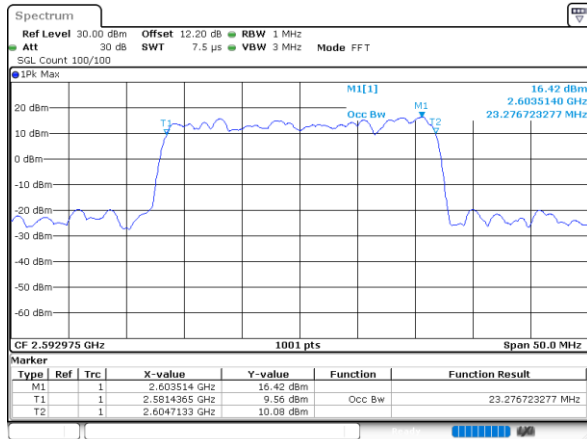




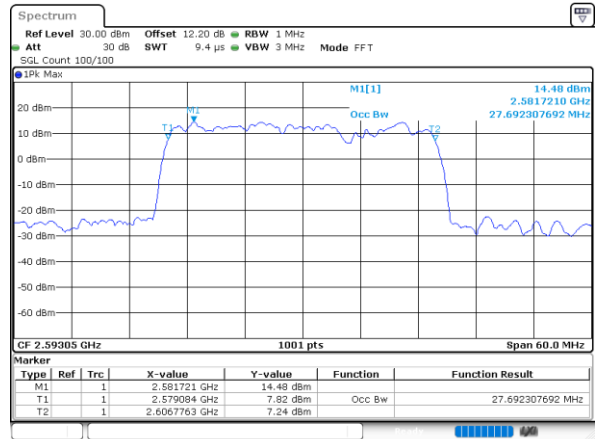
LTE Band 41C

16QAM

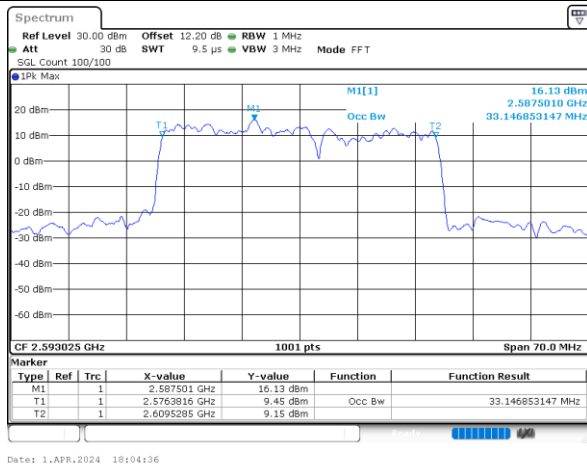
Middle Channel / 20MHz+5MHz



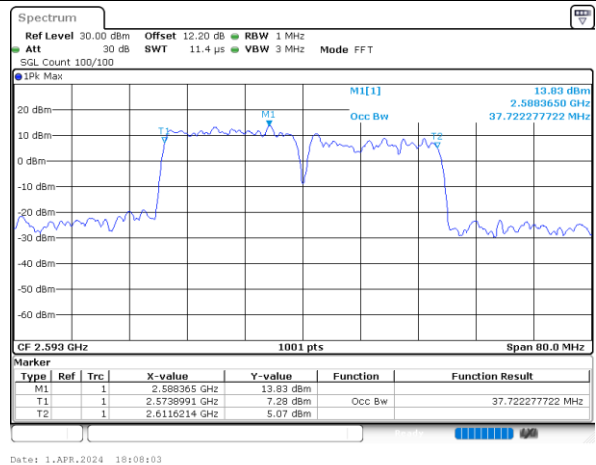
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

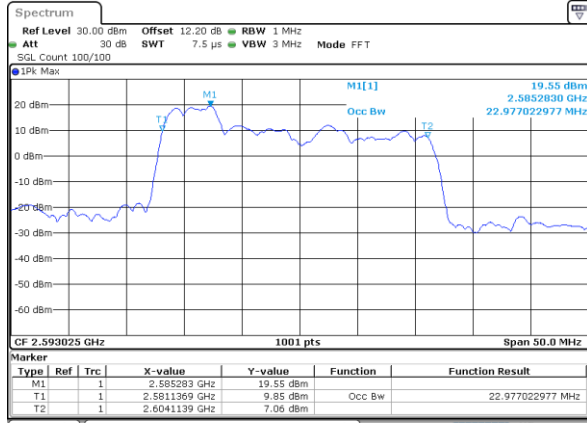




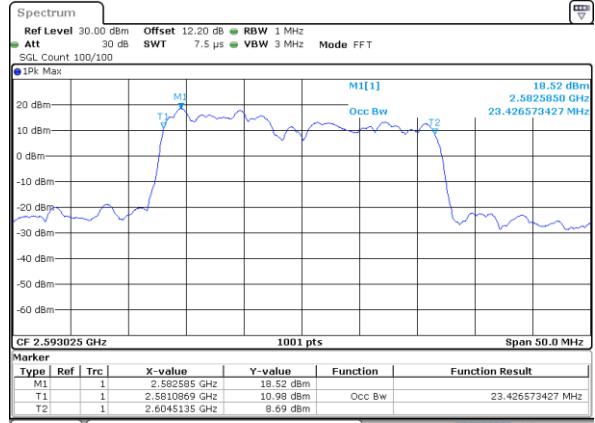
LTE Band 41C

64QAM

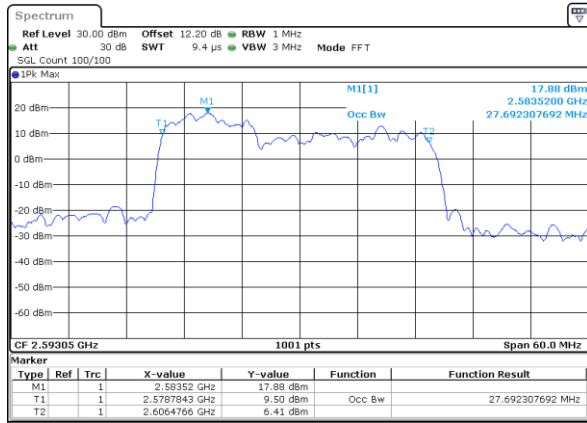
Middle Channel / 5MHz+20MHz



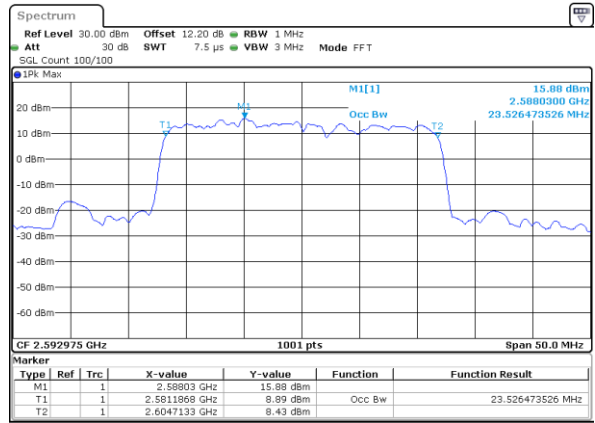
Middle Channel / 10MHz+15MHz



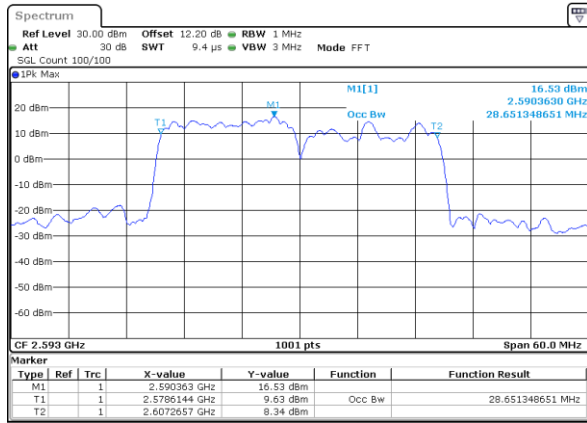
Middle Channel / 10MHz+20MHz



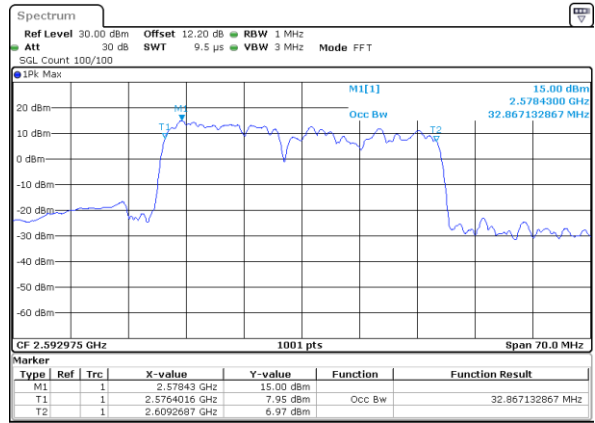
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

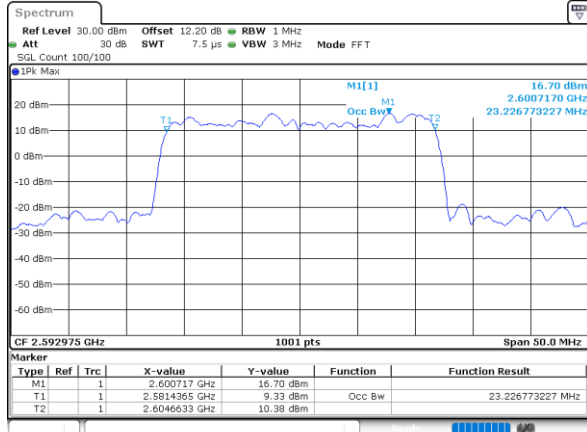




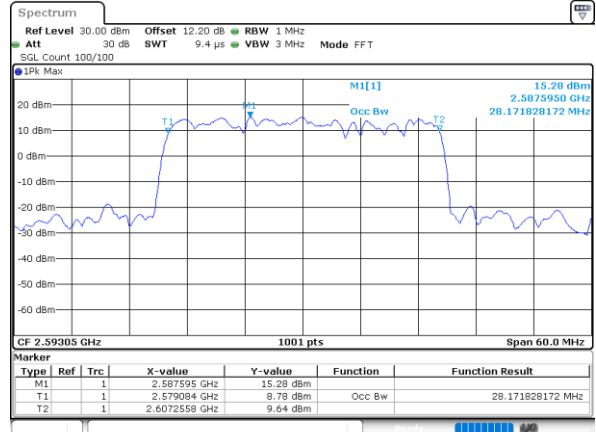
LTE Band 41C

64QAM

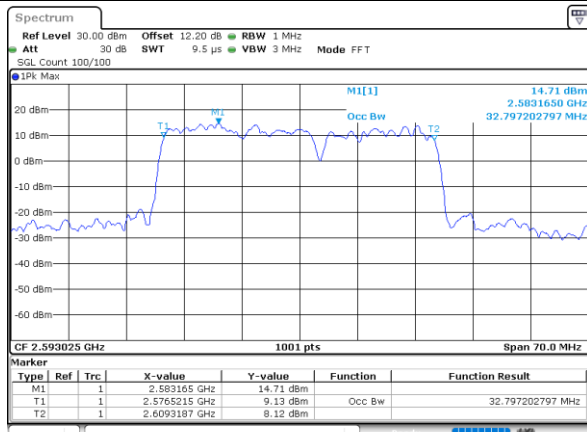
Middle Channel / 20MHz+5MHz



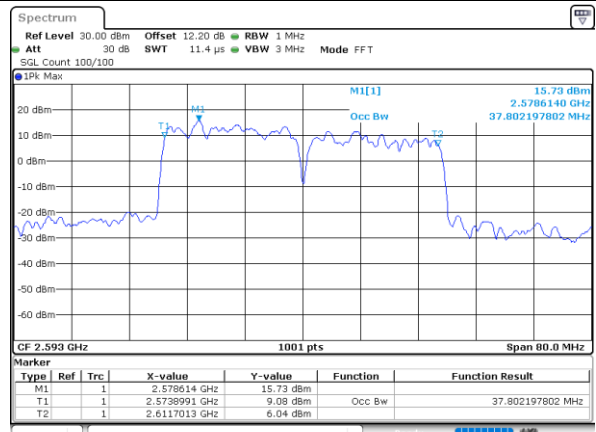
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

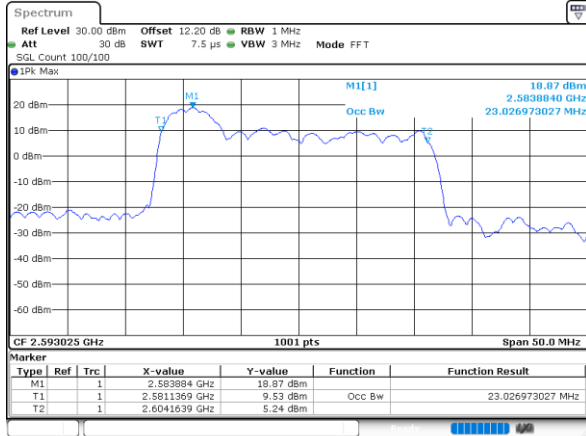




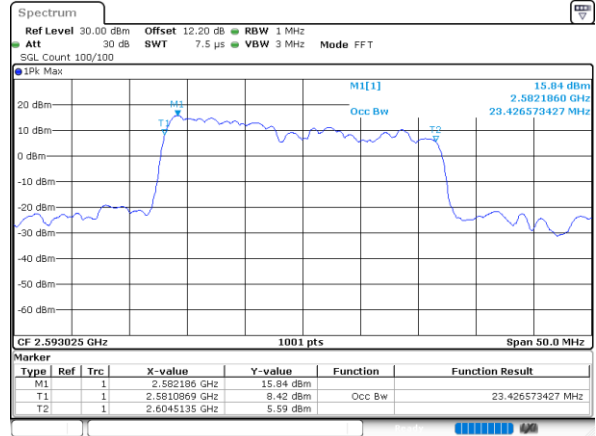
LTE Band 41C

256QAM

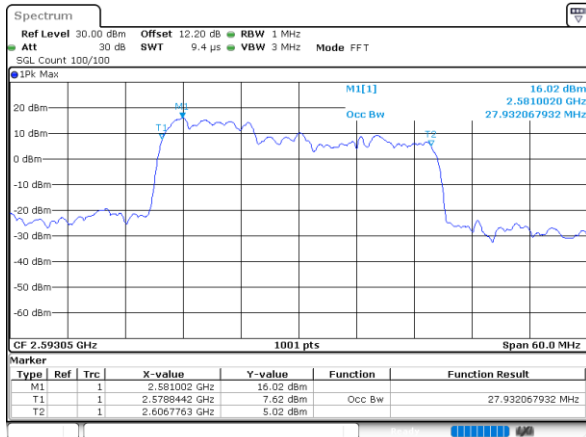
Middle Channel / 5MHz+20MHz



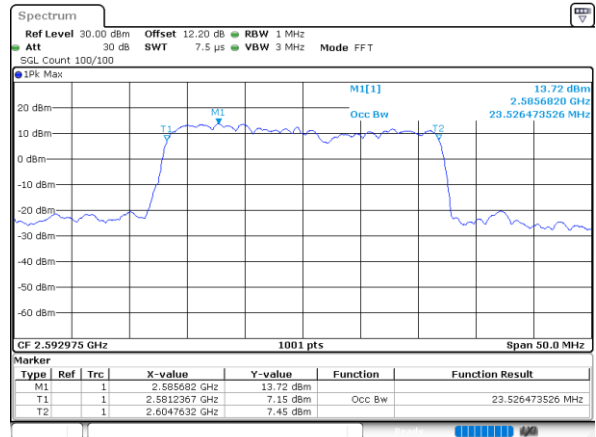
Middle Channel / 10MHz+15MHz



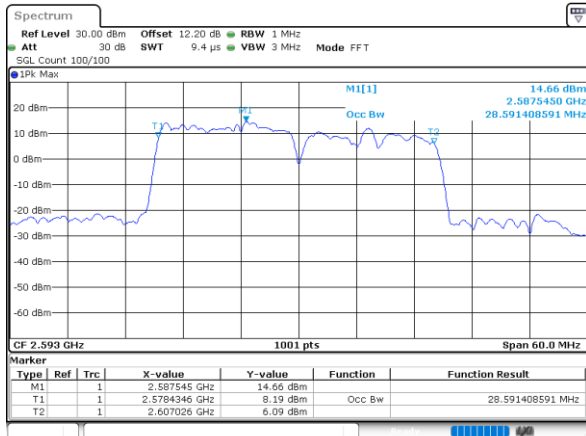
Middle Channel / 10MHz+20MHz



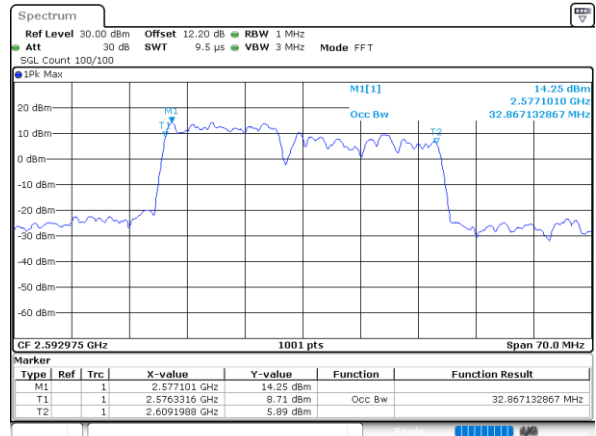
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

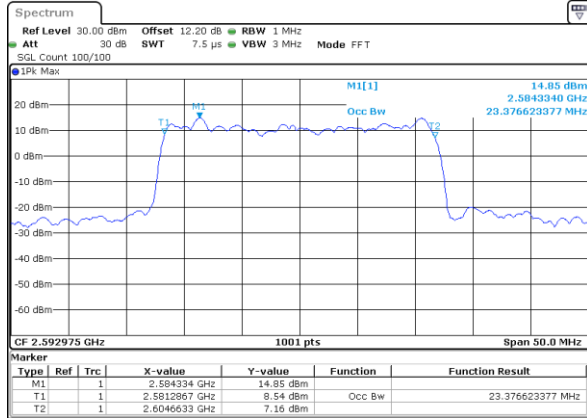




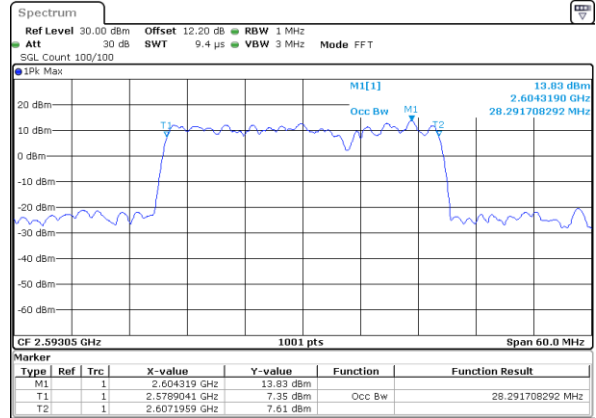
LTE Band 41C

256QAM

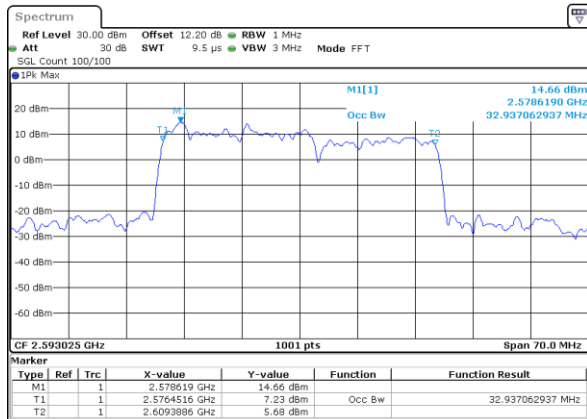
Middle Channel / 20MHz+5MHz



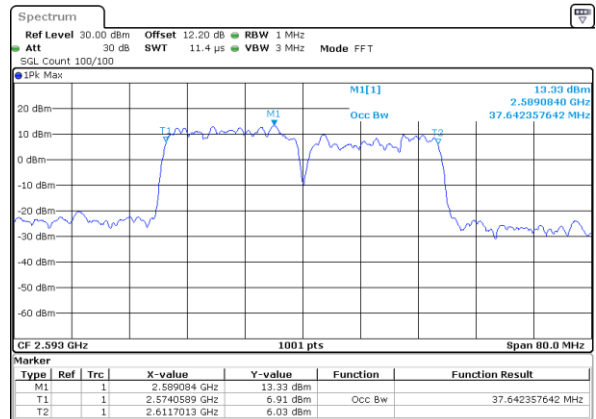
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz





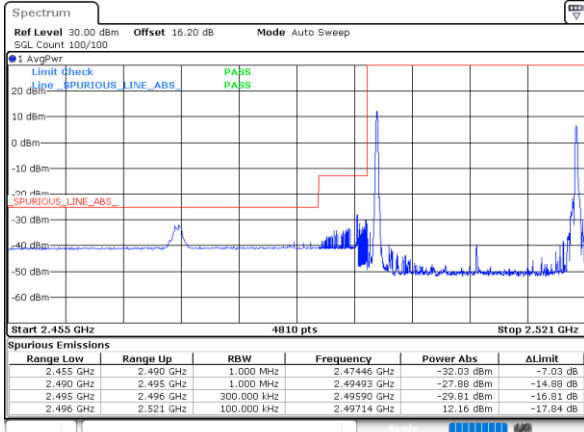
Conducted Band Edge



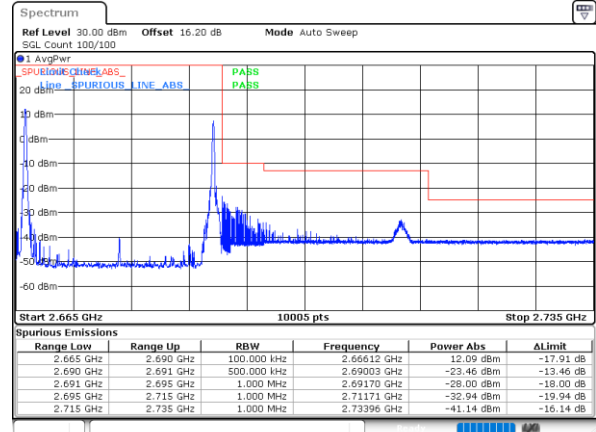
LTE Band 41C / 5MHz+20MHz

QPSK

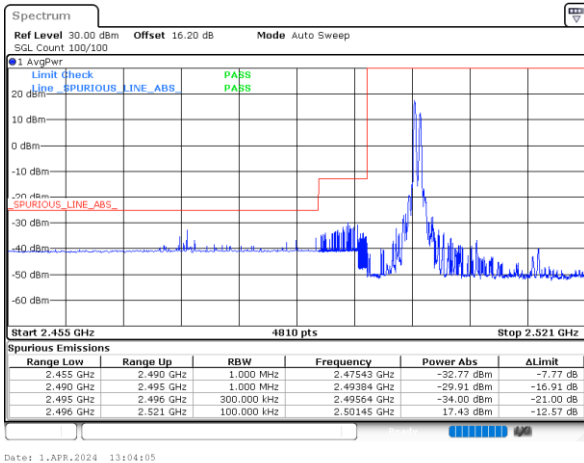
Lowest Band Edge / 1RB0 and 1RB99



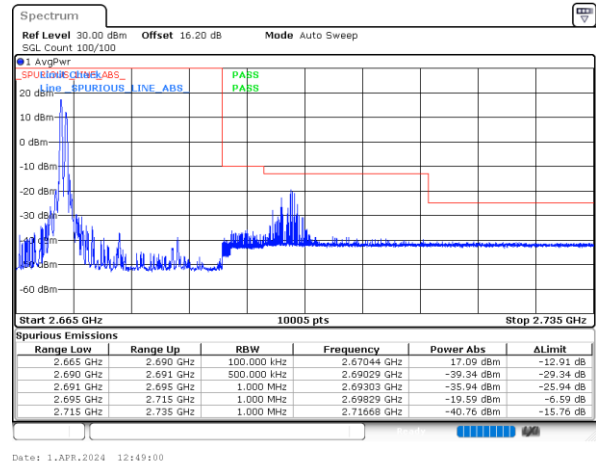
Highest Band Edge / 1RB0 and 1RB99



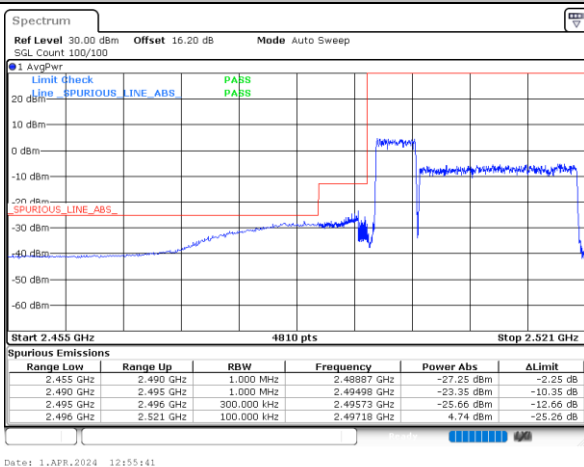
Lowest Band Edge / 1RB24 and 1RB0



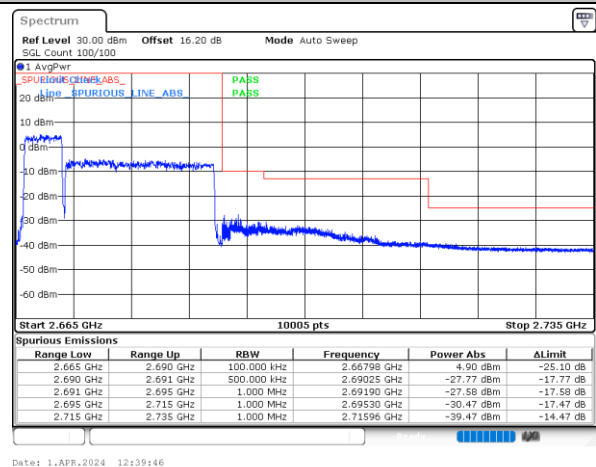
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

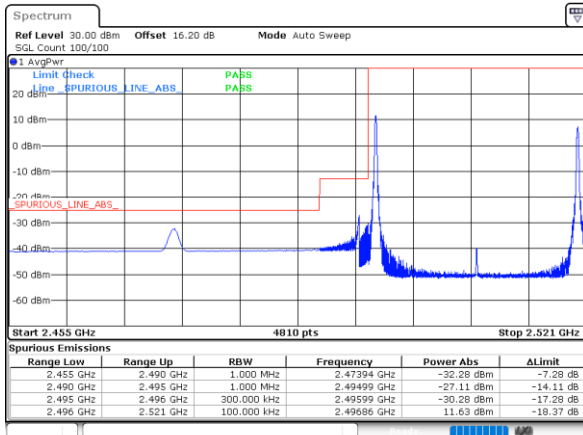




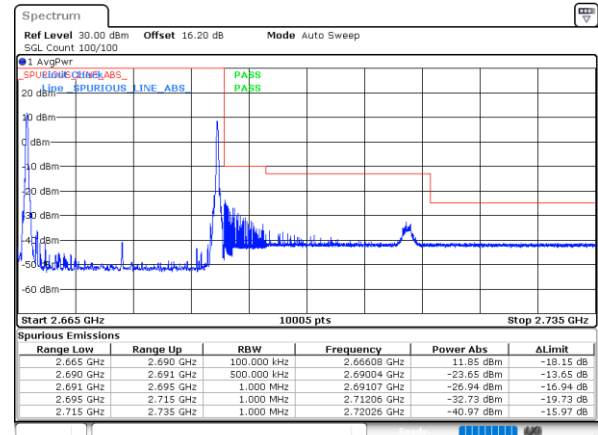
LTE Band 41C / 10MHz+15MHz

QPSK

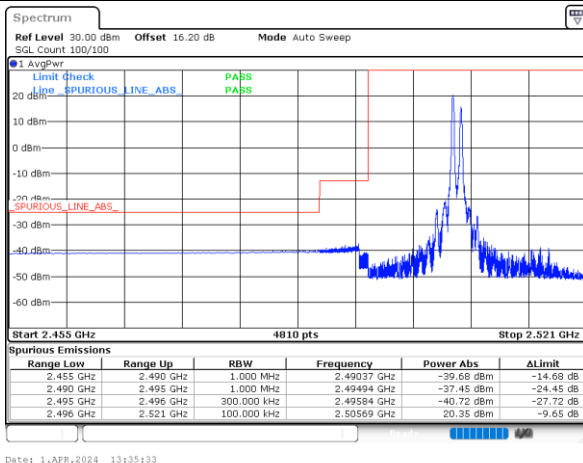
Lowest Band Edge / 1RB0 and 1RB74



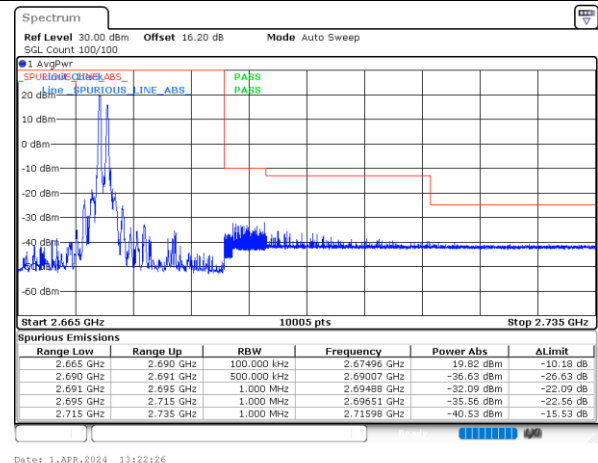
Highest Band Edge / 1RB0 and 1RB74



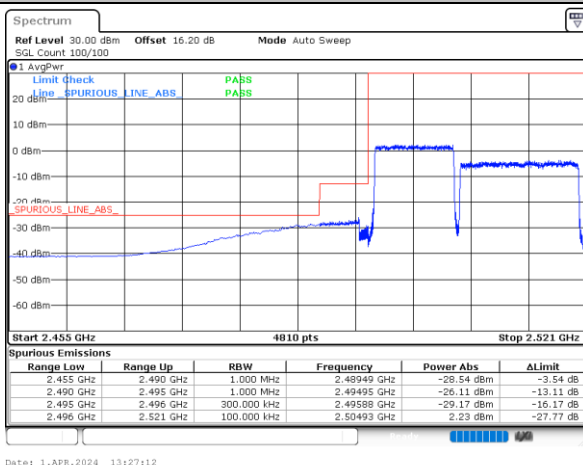
Lowest Band Edge / 1RB49 and 1RB0



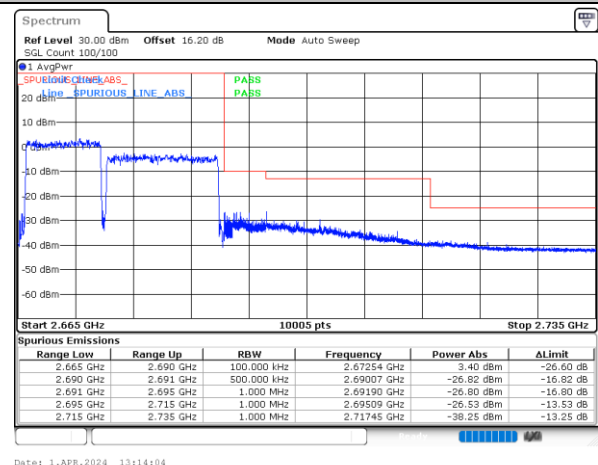
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

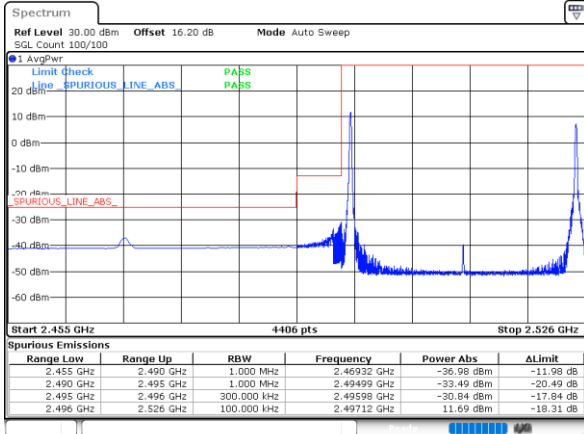




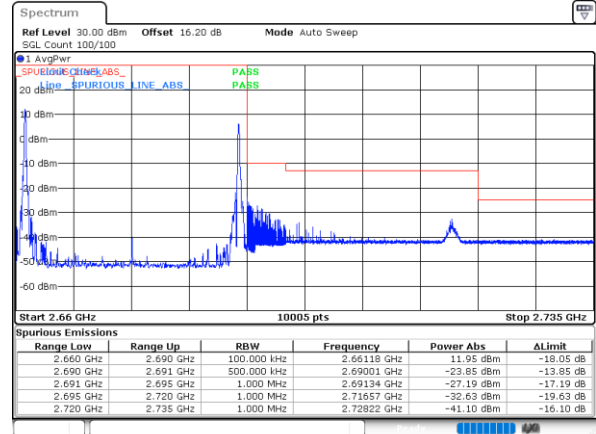
LTE Band 41C / 10MHz+20MHz

QPSK

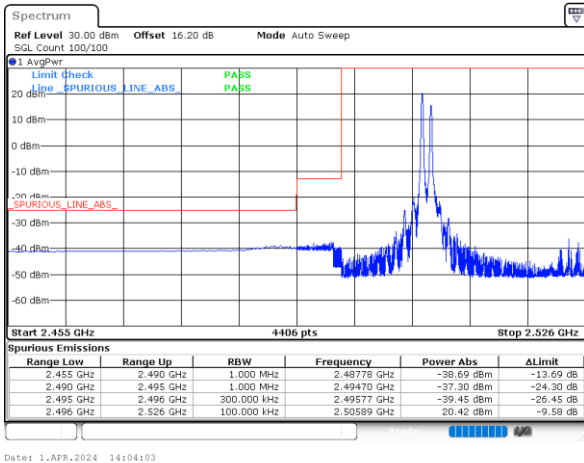
Lowest Band Edge / 1RB0 and 1RB99



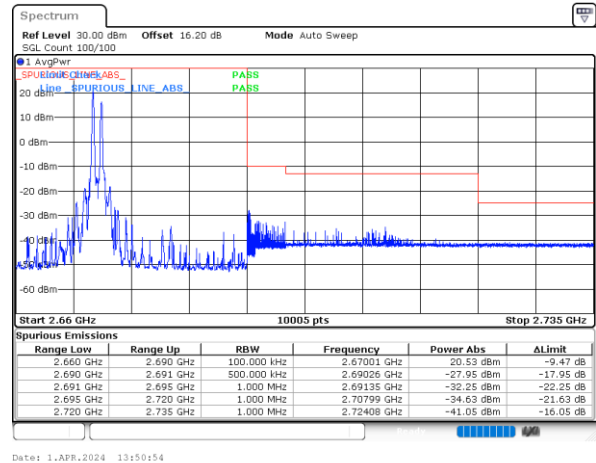
Highest Band Edge / 1RB0 and 1RB99



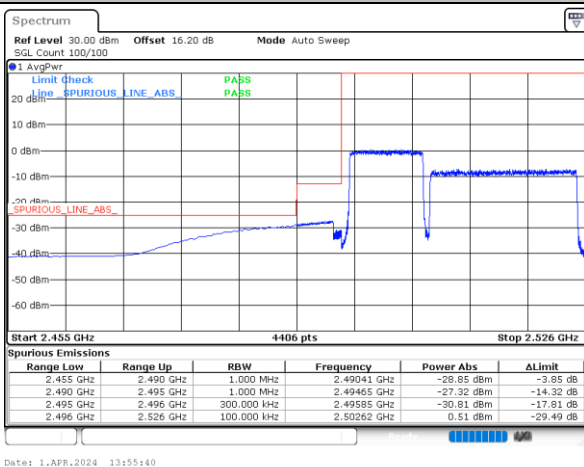
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

