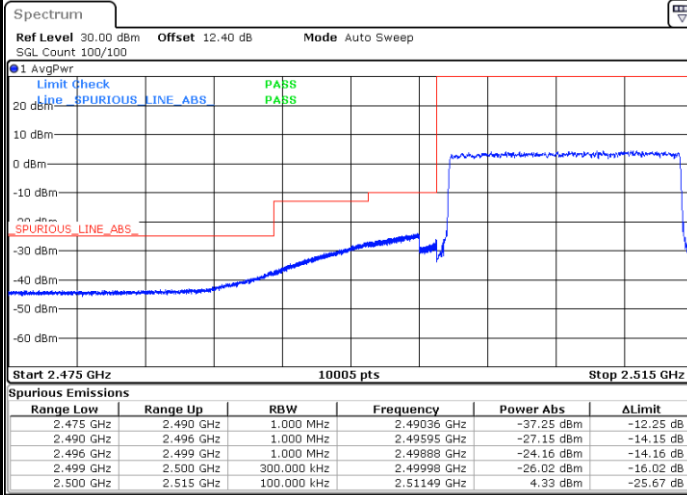


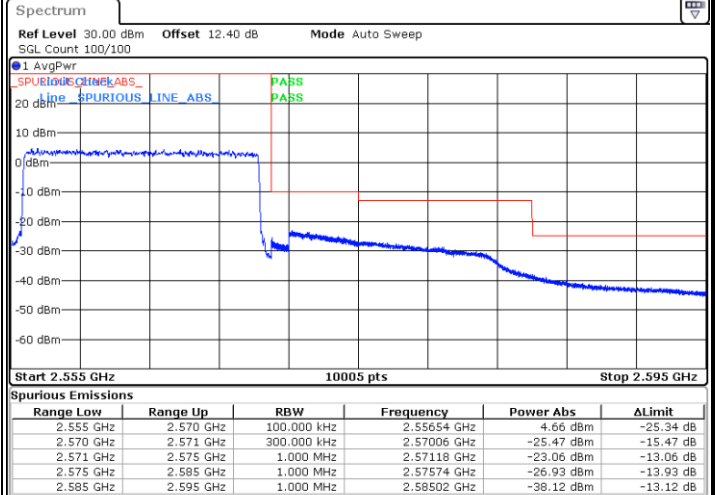


LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB

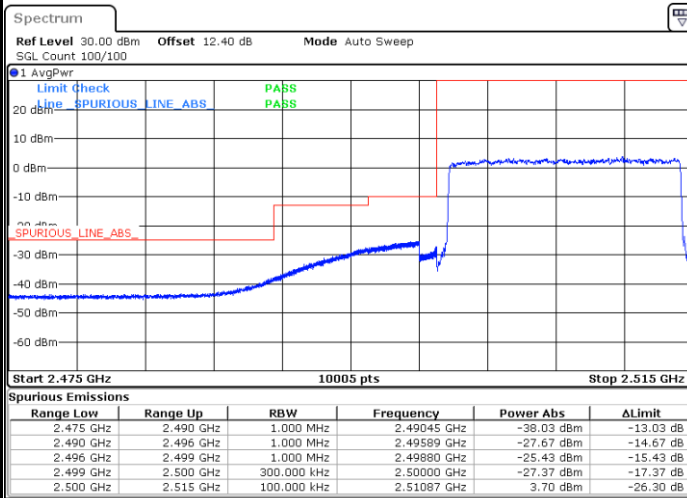


Highest Band Edge / Full RB

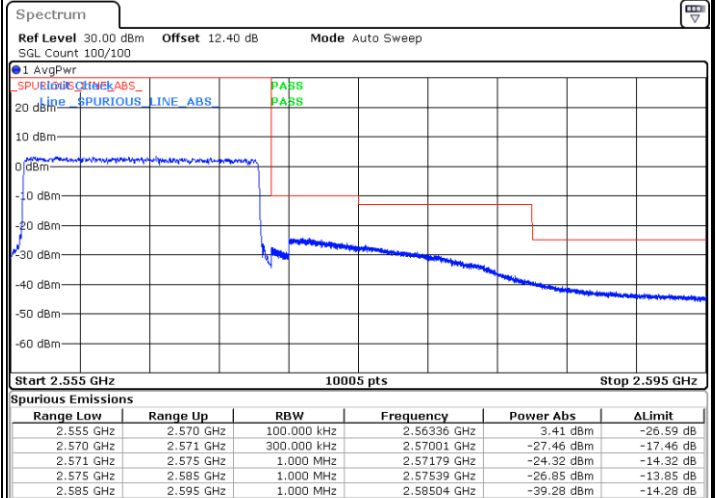


LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

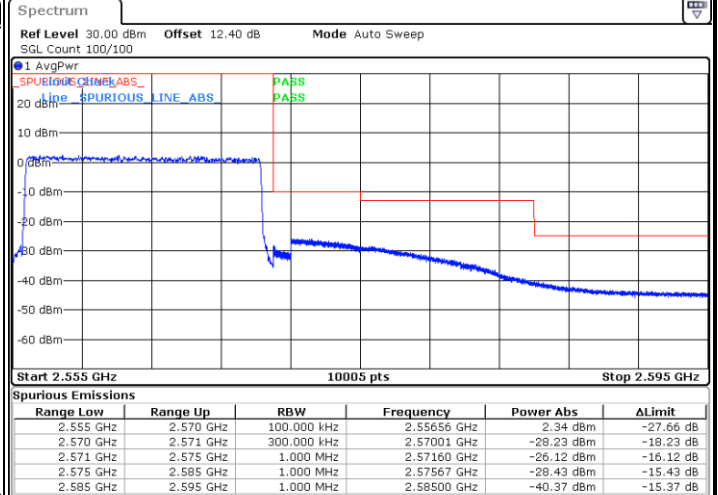
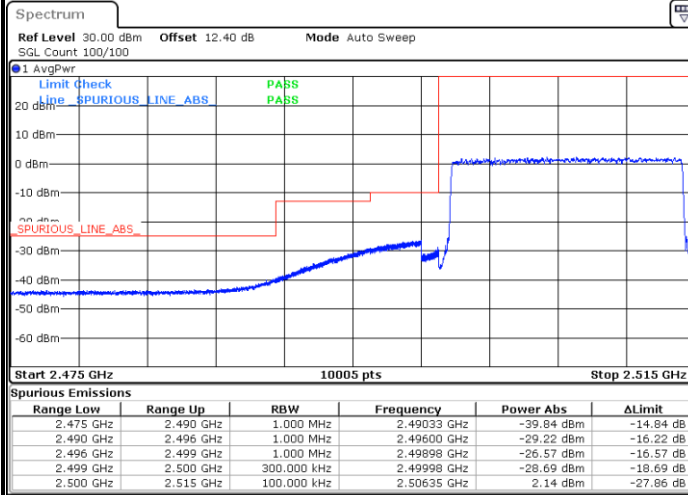




LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

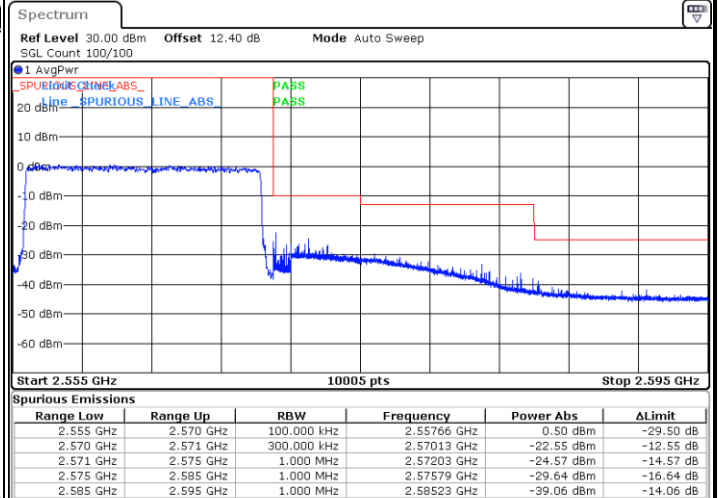
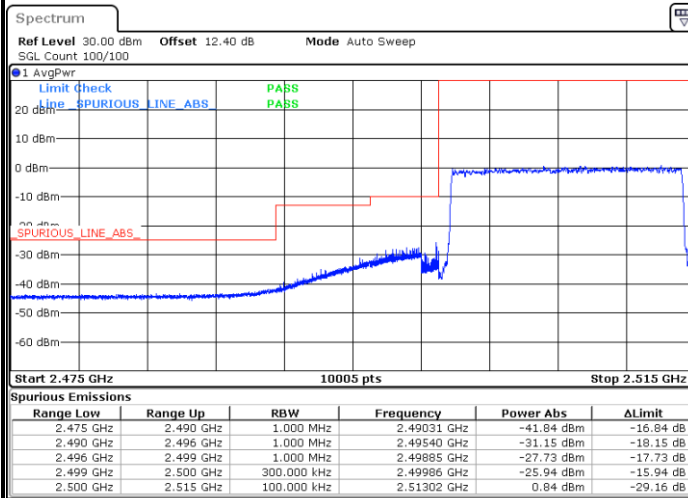
Highest Band Edge / Full RB



LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB

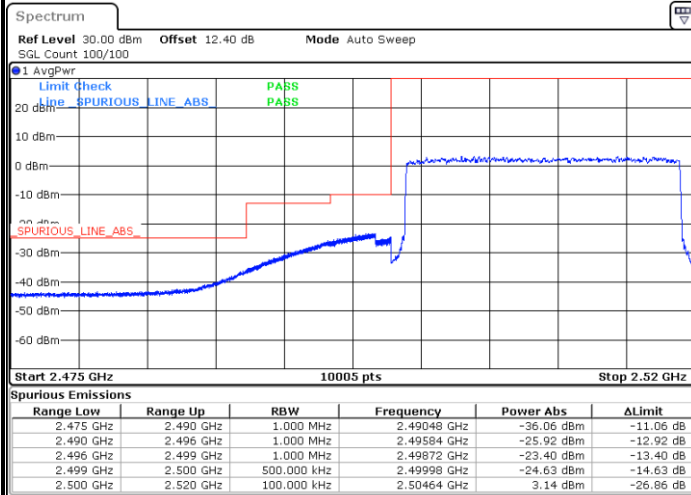
Highest Band Edge / Full RB



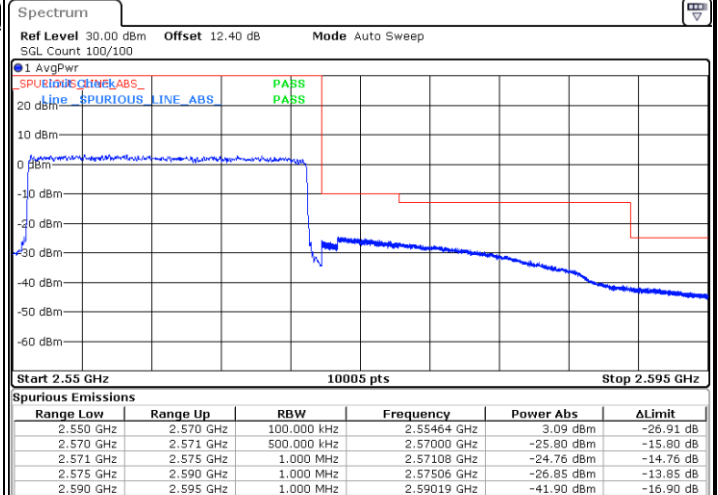


LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

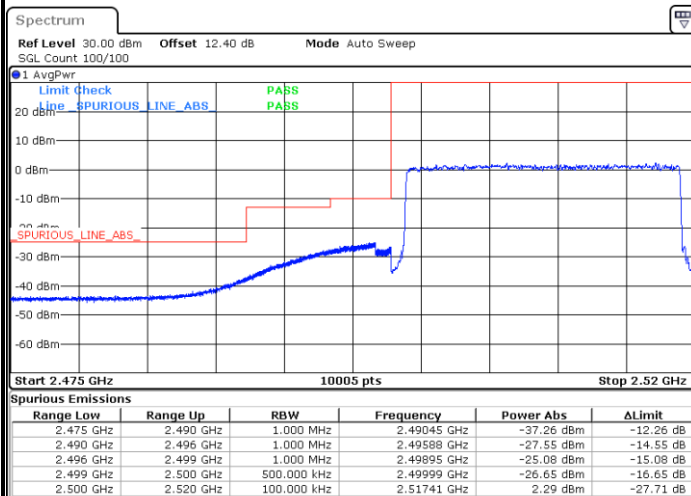


Highest Band Edge / Full RB

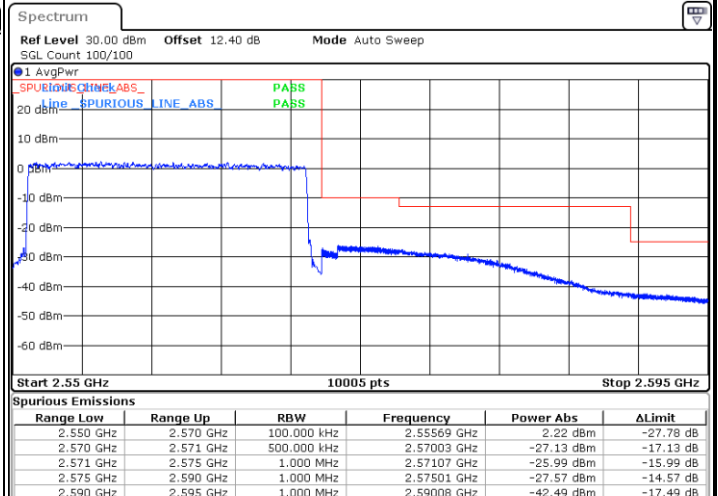


LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

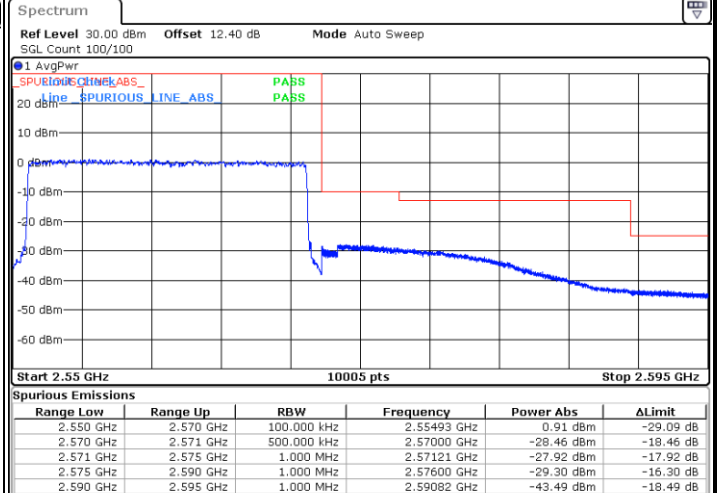
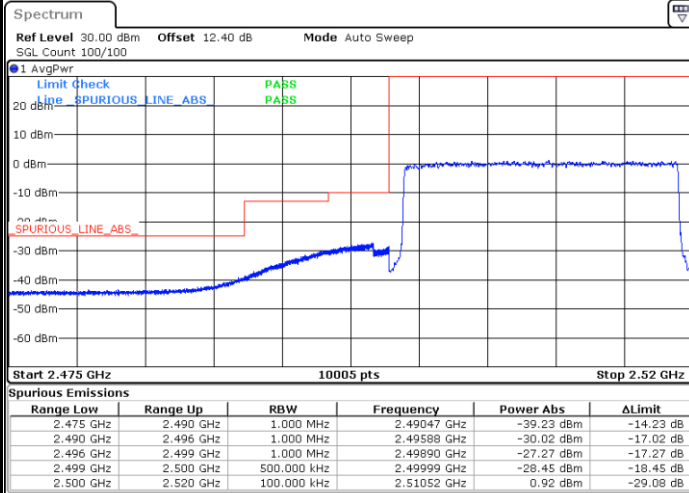




LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

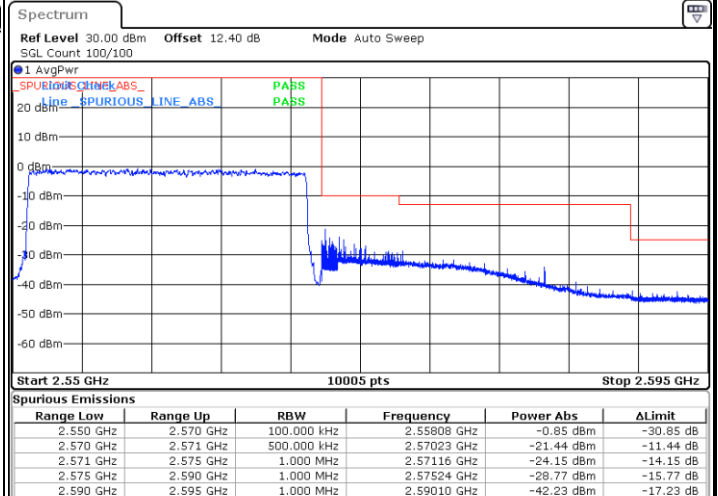
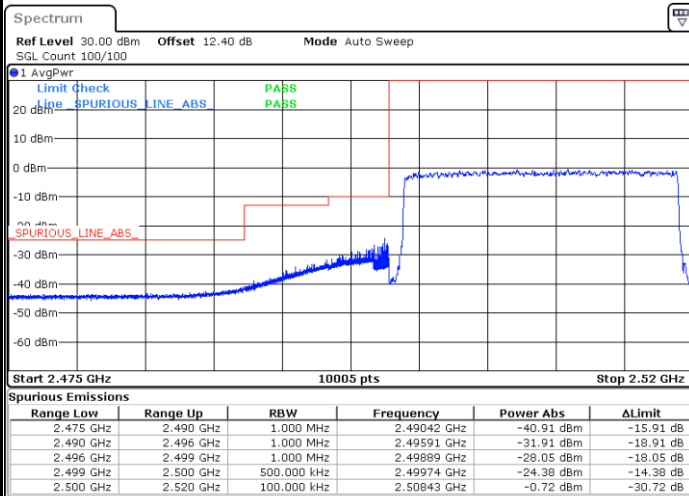
Highest Band Edge / Full RB



LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

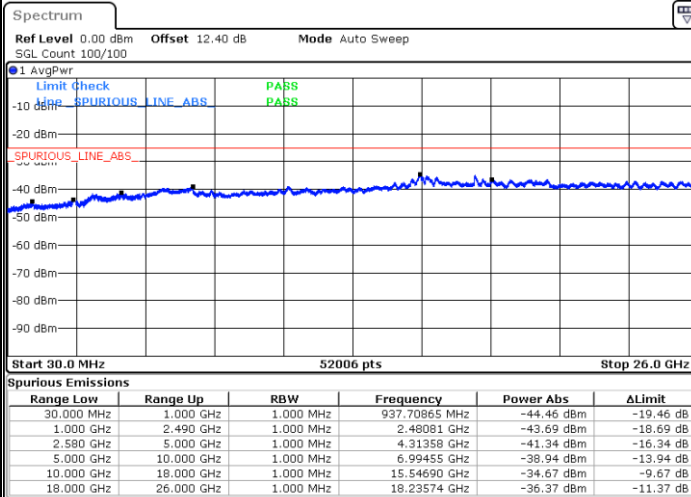




Conducted Spurious Emission

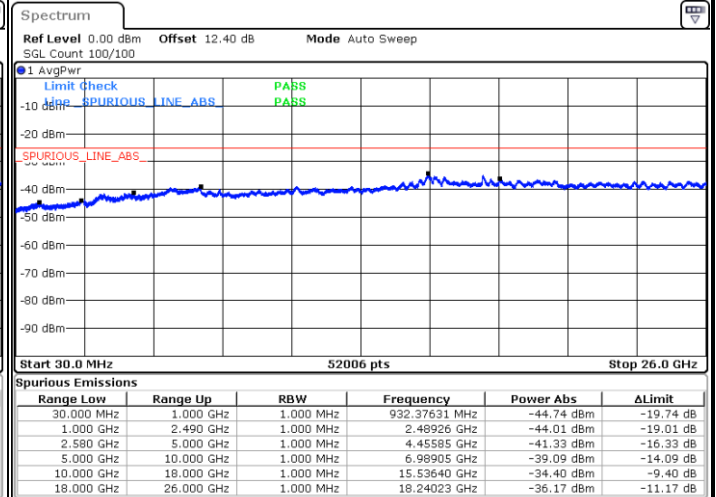
LTE Band 7 / 5MHz

Lowest Channel / QPSK



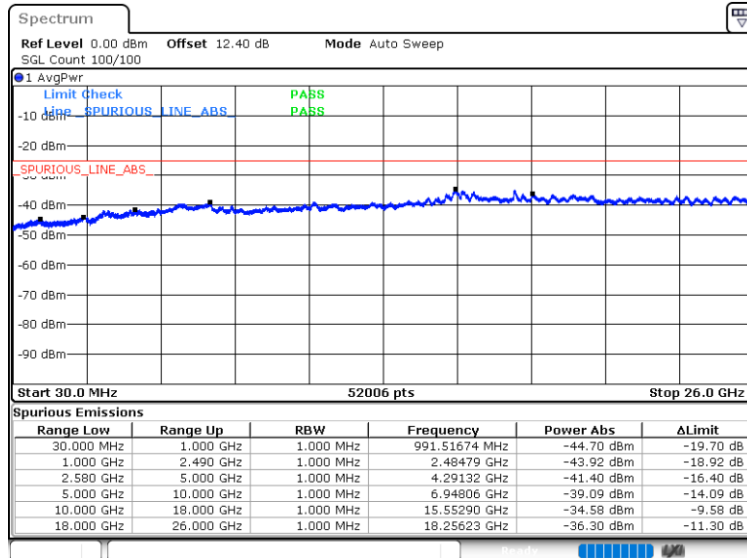
Date: 13.MAY.2024 10:26:07

Middle Channel / QPSK



Date: 13.MAY.2024 10:27:20

Highest Channel / QPSK

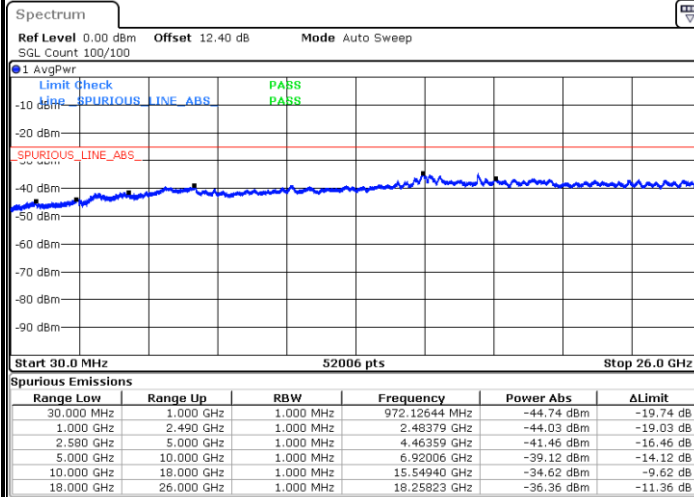


Date: 13.MAY.2024 10:28:33



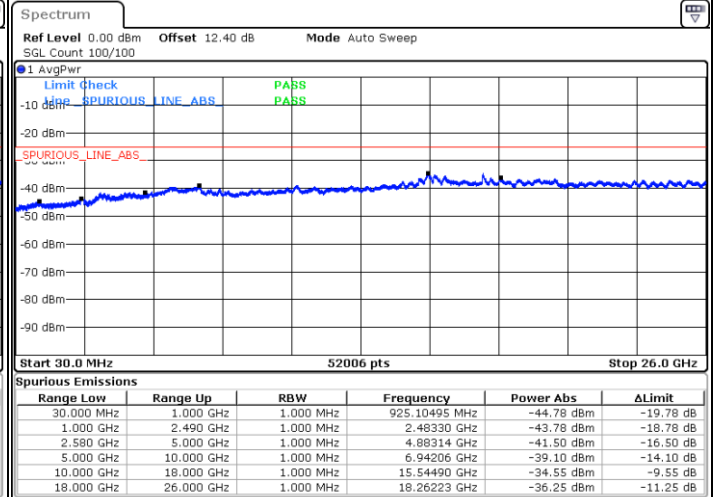
LTE Band 7 / 10MHz

Lowest Channel / QPSK



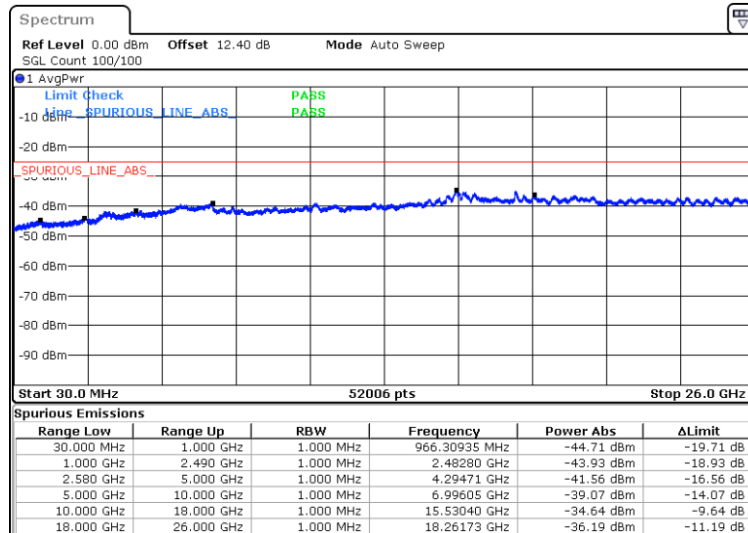
Date: 13.MAY.2024 10:40:59

Middle Channel / QPSK



Date: 13.MAY.2024 10:42:11

Highest Channel / QPSK

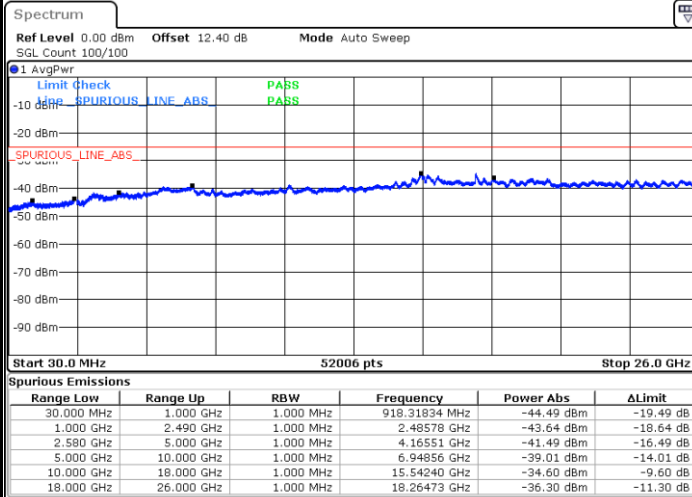


Date: 13.MAY.2024 10:43:24



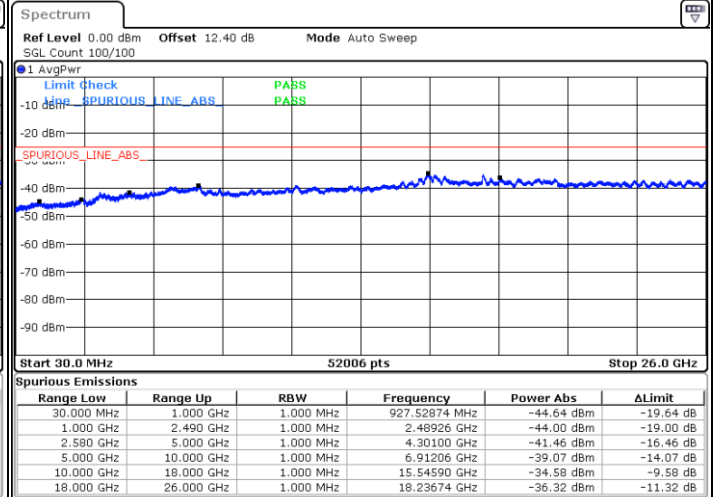
LTE Band 7 / 15MHz

Lowest Channel / QPSK



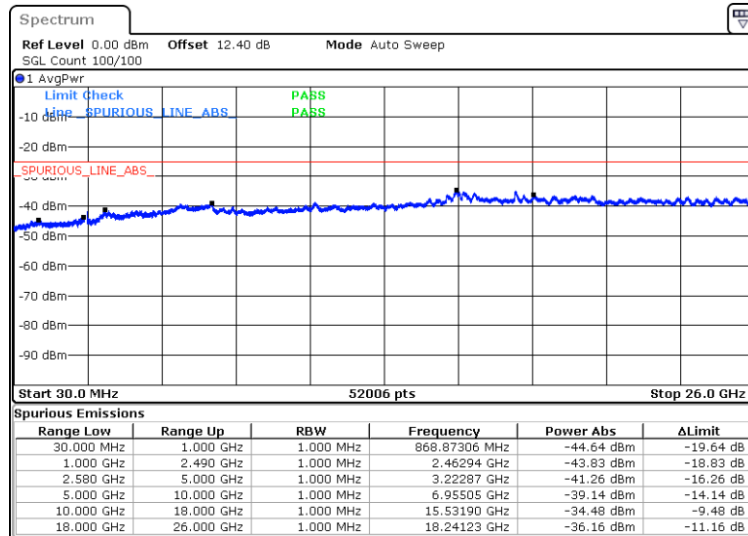
Date: 13.MAY.2024 10:57:00

Middle Channel / QPSK



Date: 13.MAY.2024 10:58:12

Highest Channel / QPSK

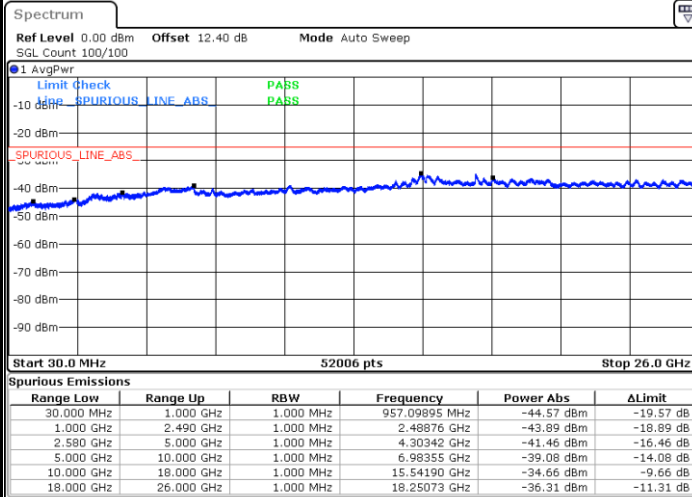


Date: 13.MAY.2024 10:59:25



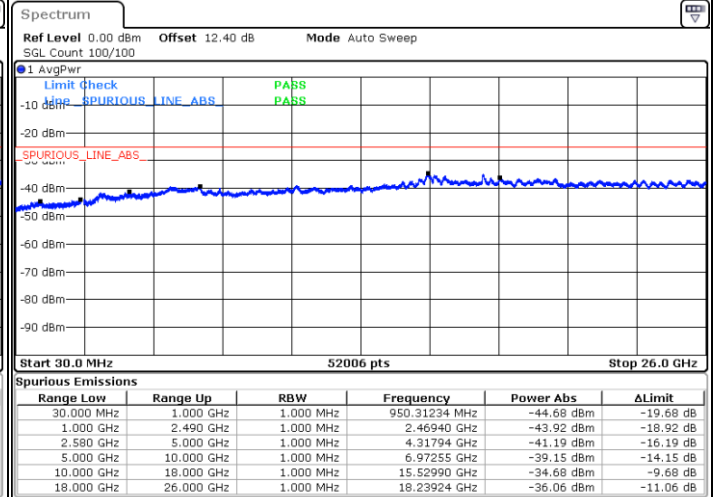
LTE Band 7 / 20MHz

Lowest Channel / QPSK



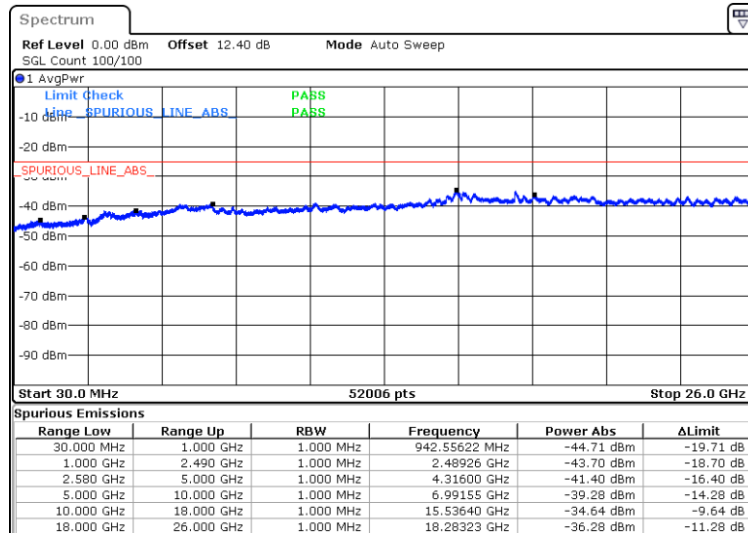
Date: 13.MAY.2024 11:13:34

Middle Channel / QPSK



Date: 13.MAY.2024 11:14:47

Highest Channel / QPSK



Date: 13.MAY.2024 11:16:00

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.47	30.62	34.89
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	34.96	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.78	25.32	30.56	34.82
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.96	39.96	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.42	30.62	34.96
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.96	34.96	39.88	

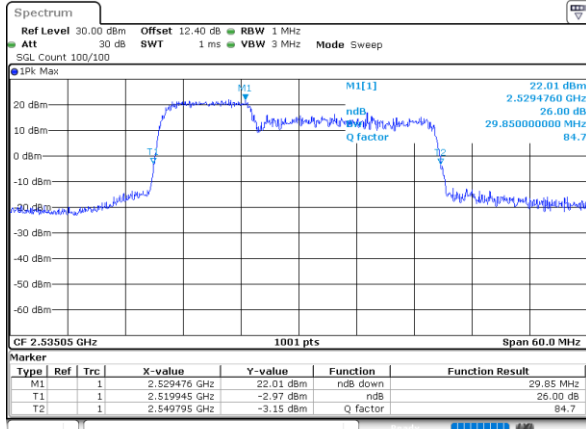
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.27	30.50	34.96
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	34.89	39.88	



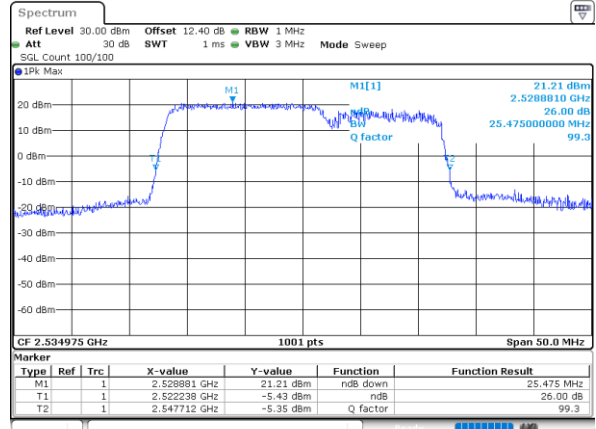
LTE Band 7C

QPSK

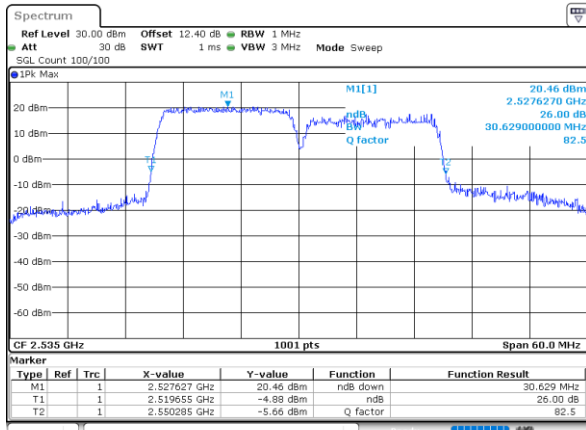
Middle Channel / 10MHz+20MHz



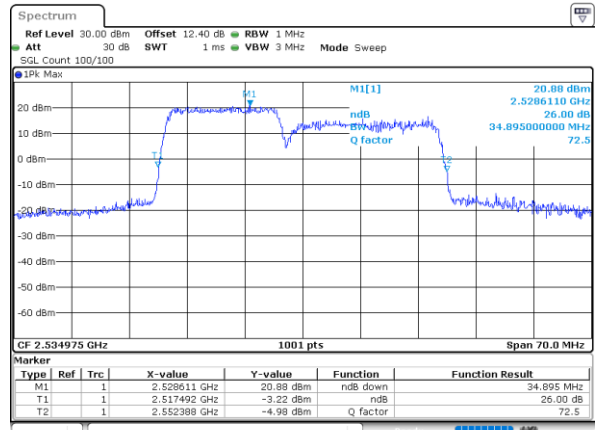
Middle Channel / 15MHz+10MHz



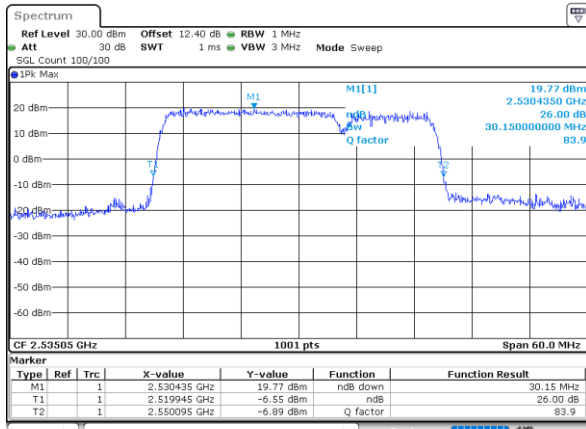
Middle Channel / 15MHz+15MHz



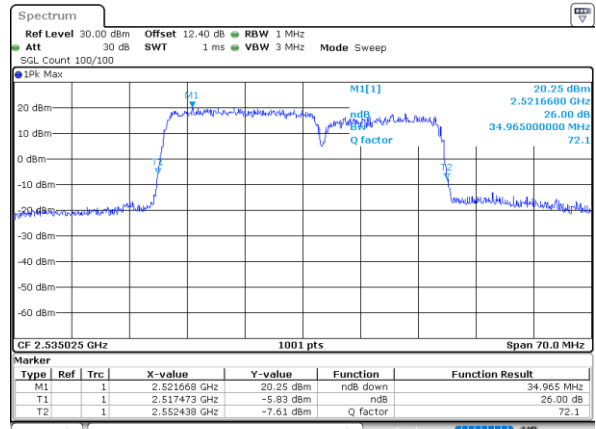
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



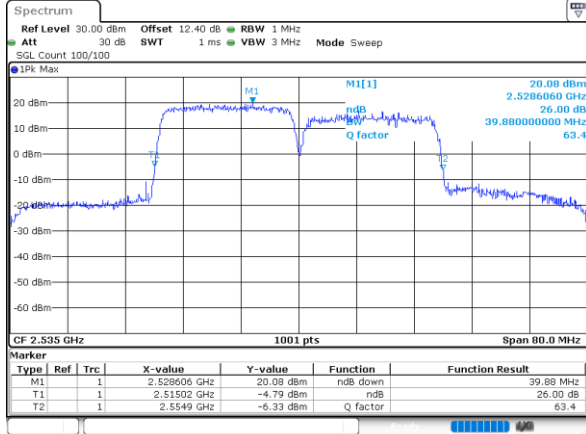


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



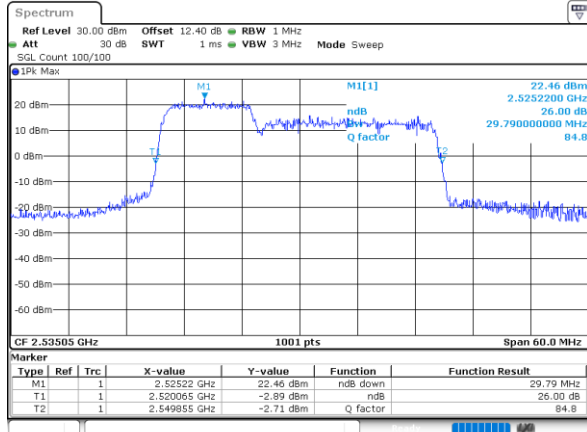
Date: 25.APR.2024 23:21:16



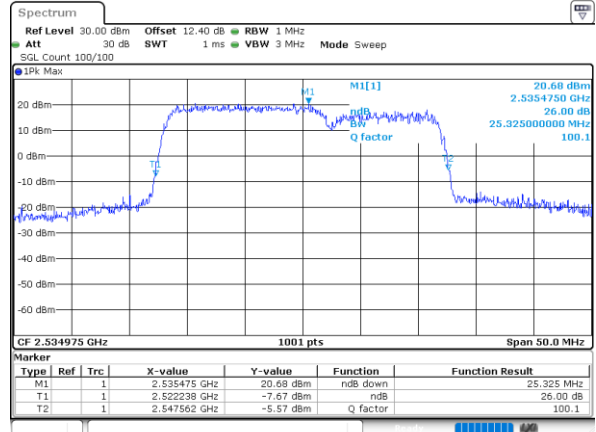
LTE Band 7C

16QAM

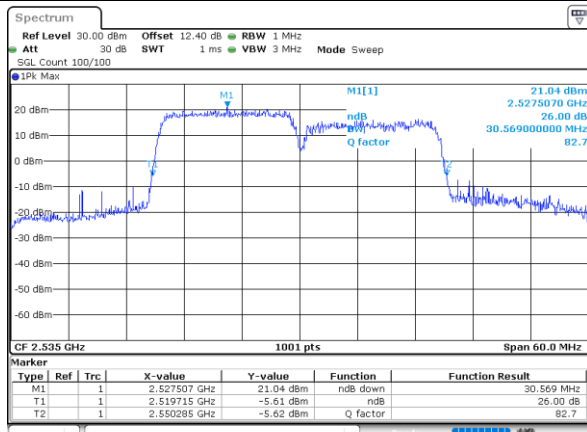
Middle Channel / 10MHz+20MHz



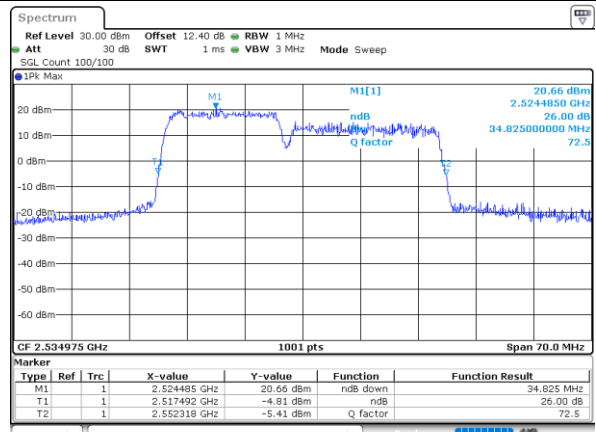
Middle Channel / 15MHz+10MHz



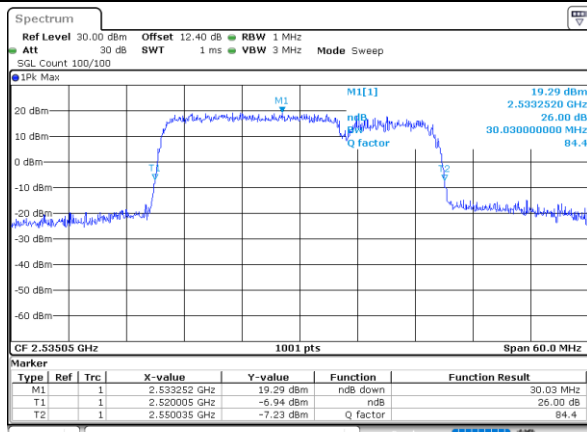
Middle Channel / 15MHz+15MHz



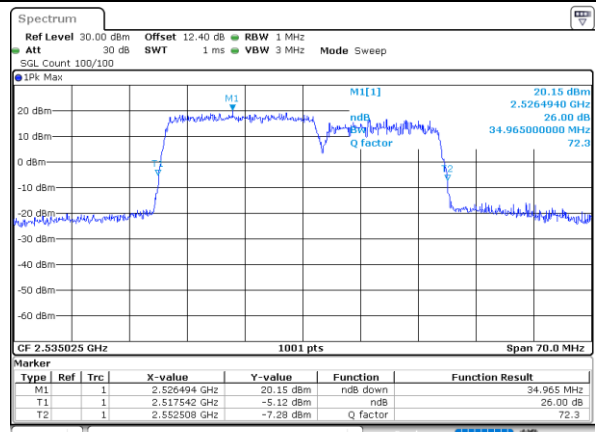
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



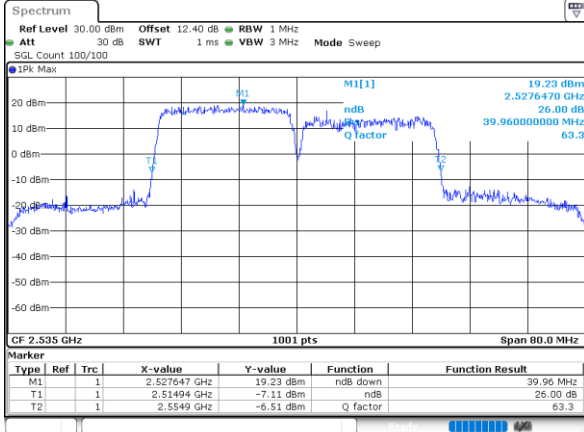


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



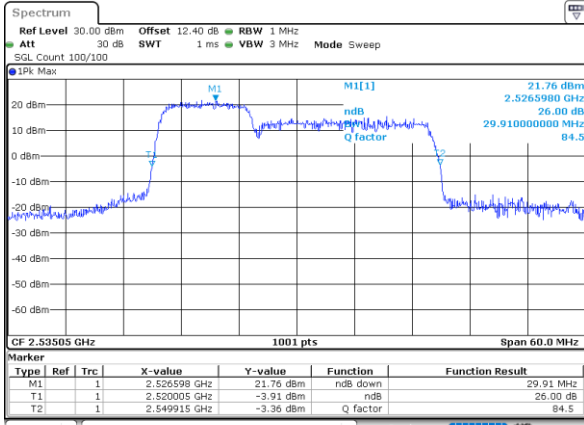
Date: 25, APR, 2024 23:20:51



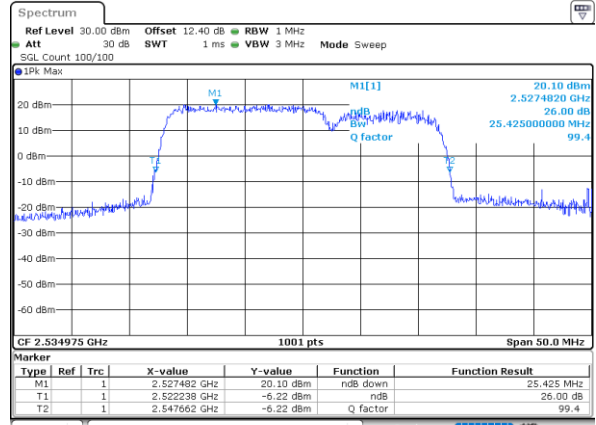
LTE Band 7C

64QAM

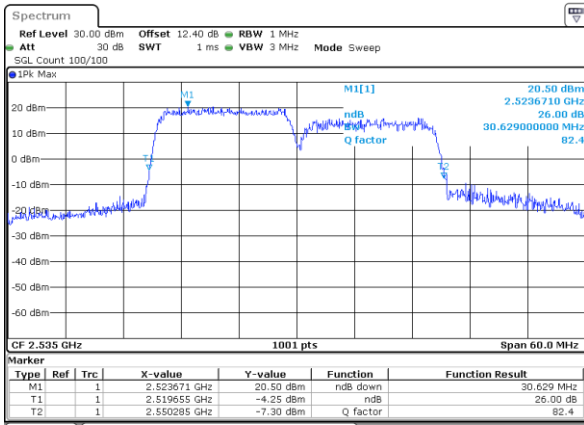
Middle Channel / 10MHz+20MHz



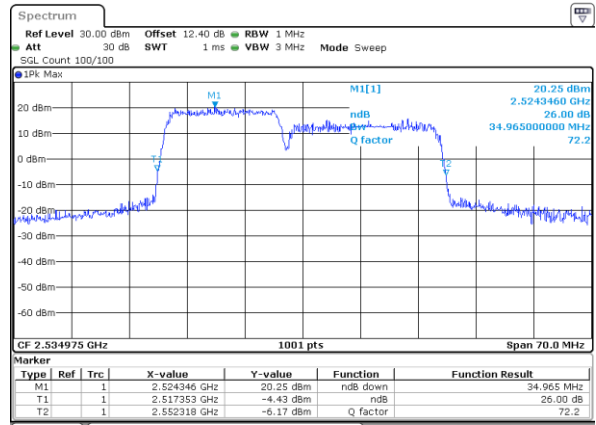
Middle Channel / 15MHz+10MHz



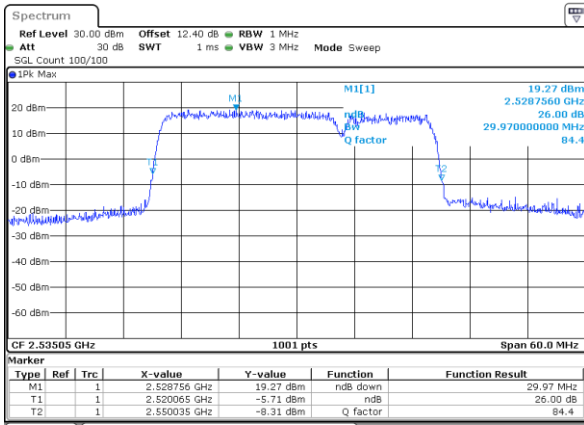
Middle Channel / 15MHz+15MHz



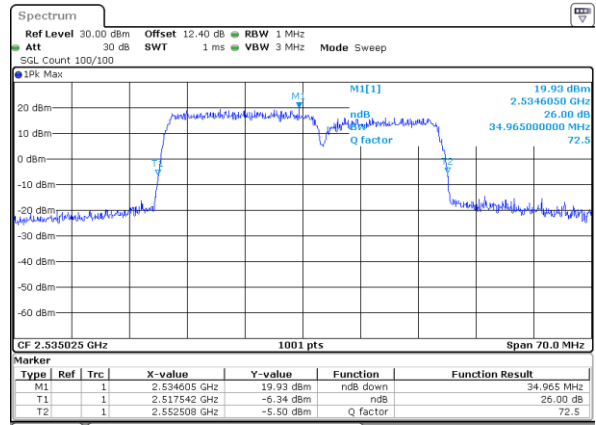
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



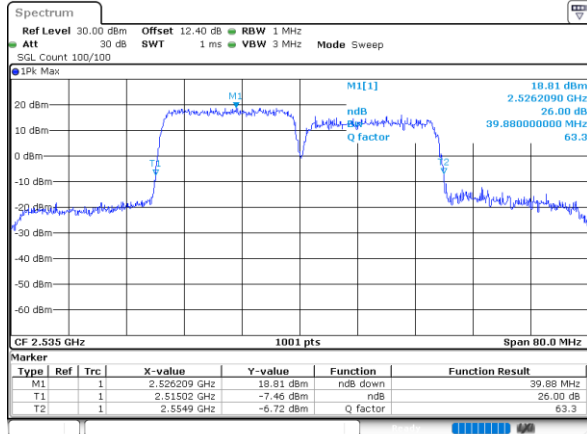


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



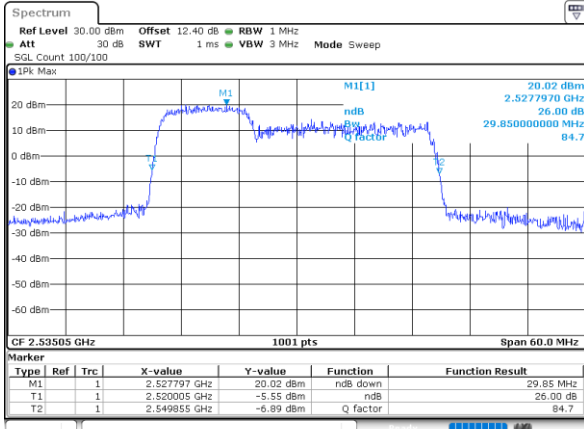
Date: 25, APR, 2024 23:20:26



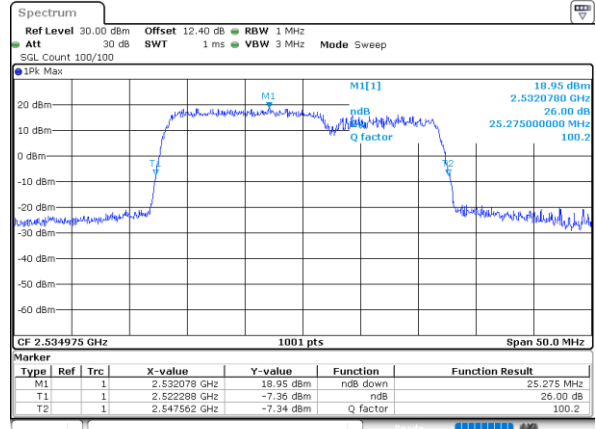
LTE Band 7C

256QAM

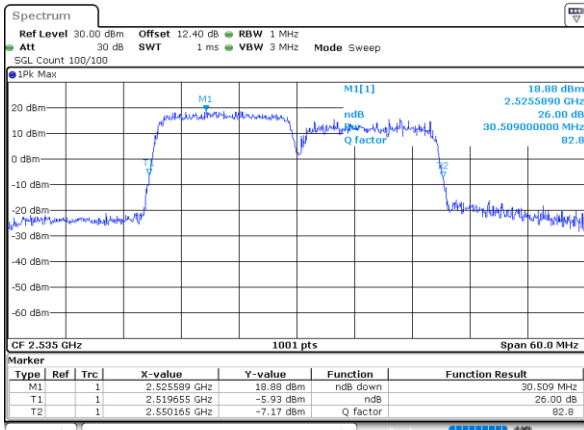
Middle Channel / 10MHz+20MHz



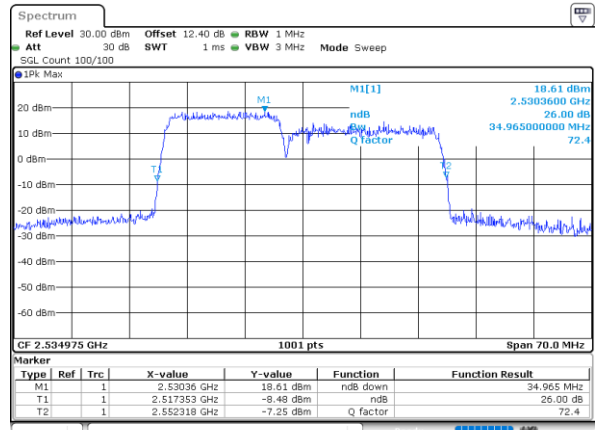
Middle Channel / 15MHz+10MHz



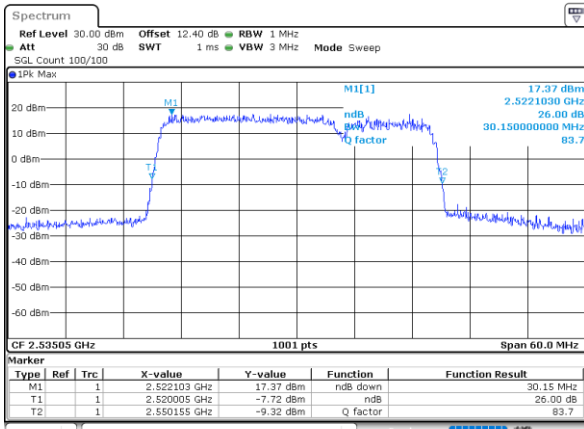
Middle Channel / 15MHz+15MHz



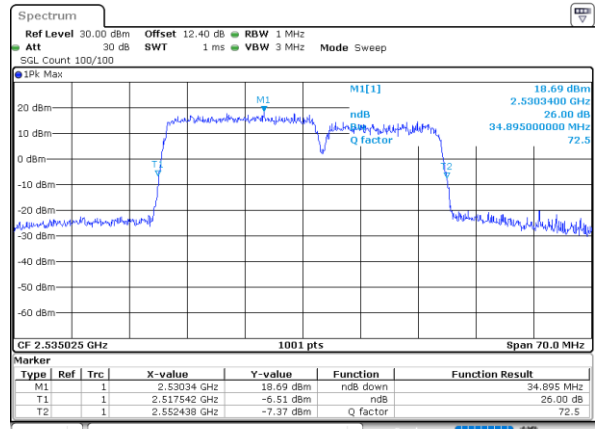
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



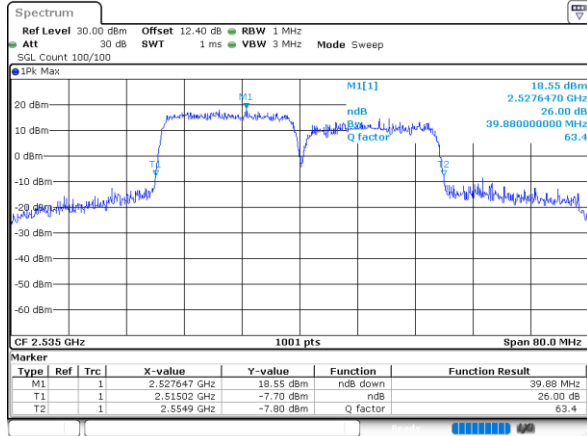


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 26.APR.2024 00:36:37

**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.75	23.37	28.65	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.86	37.56	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.37	28.47	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.86	37.64	

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.37	28.41	32.72
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.86	37.48	

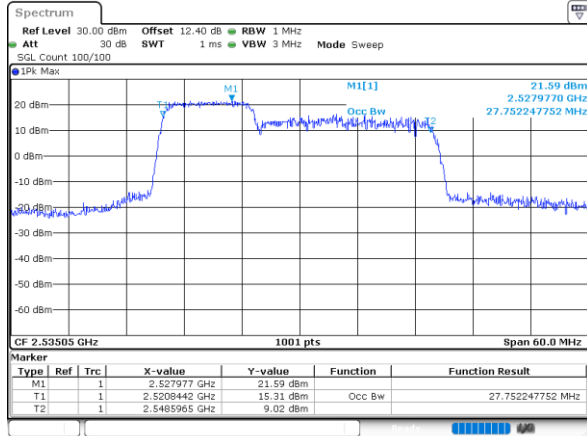
Mode	LTE Band 7C : 99%OBW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.87	23.32	28.47	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.72	37.64	



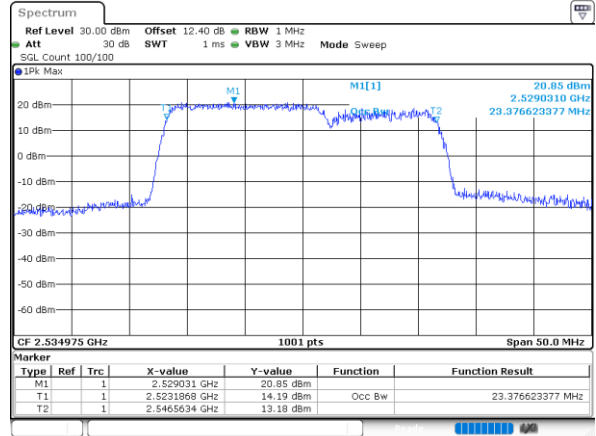
LTE Band 7C

QPSK

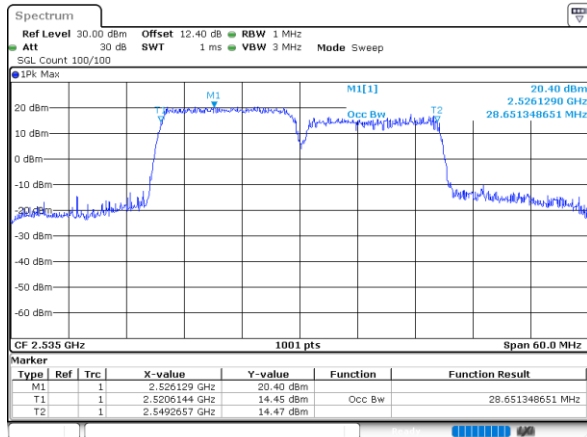
Middle Channel / 10MHz+20MHz



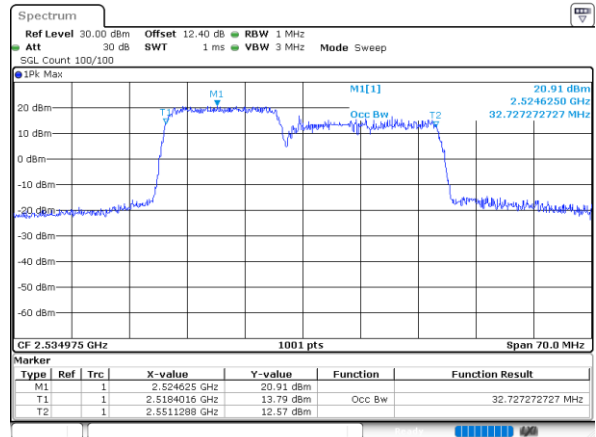
Middle Channel / 15MHz+10MHz



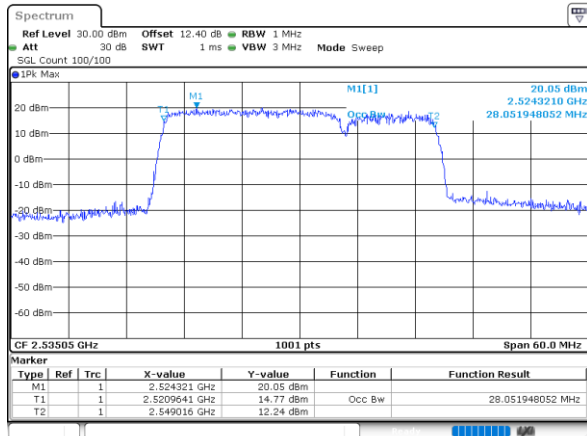
Middle Channel / 15MHz+15MHz



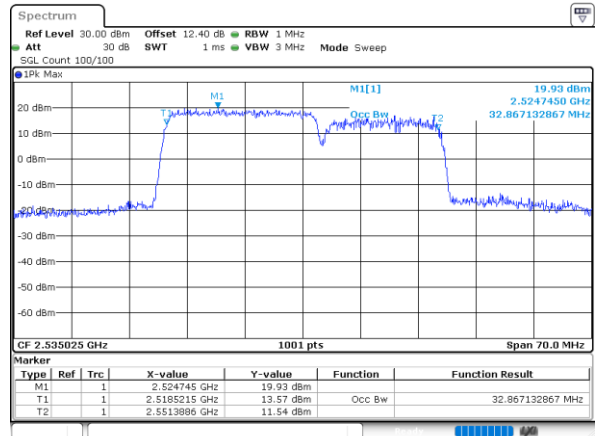
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



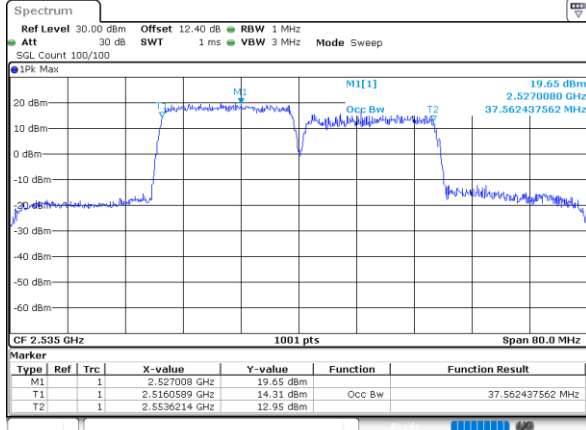


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



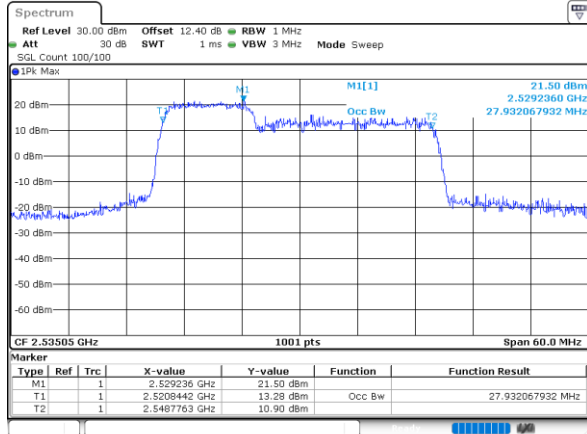
Date: 25, APR, 2024 23:19:12



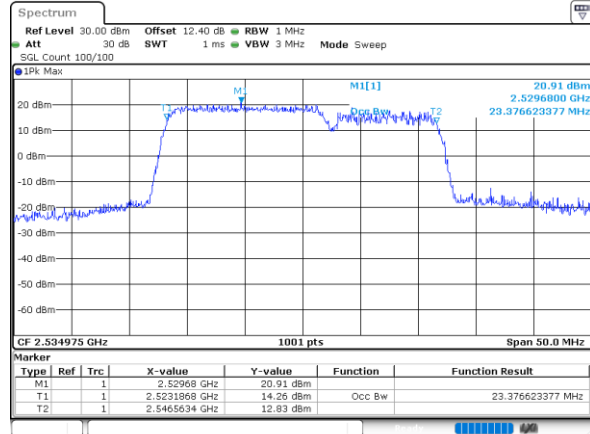
LTE Band 7C

16QAM

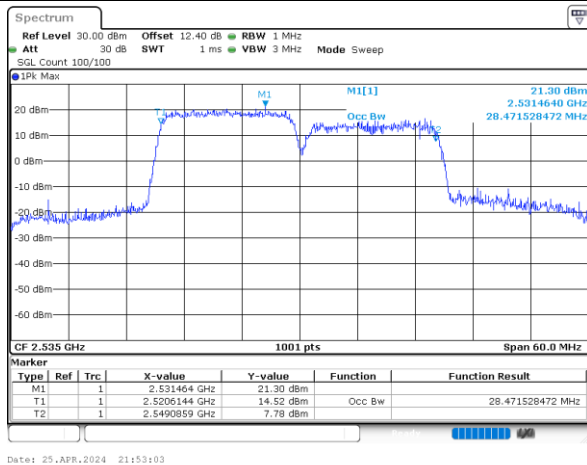
Middle Channel / 10MHz+20MHz



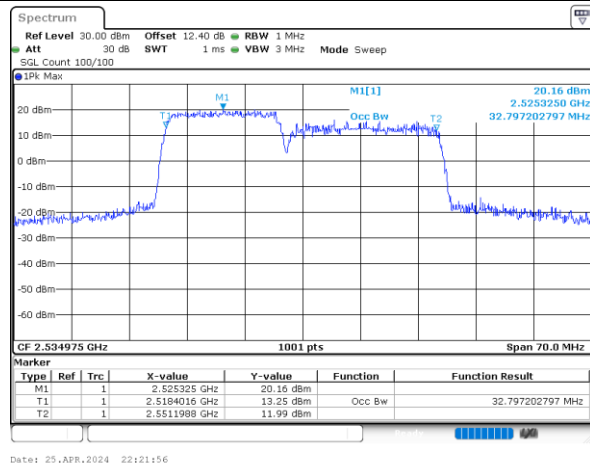
Middle Channel / 15MHz+10MHz



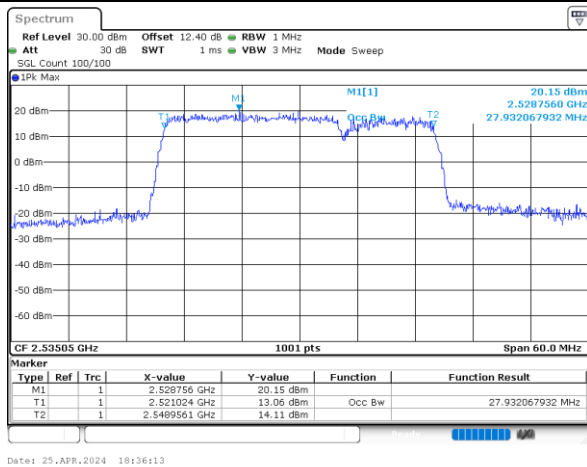
Middle Channel / 15MHz+15MHz



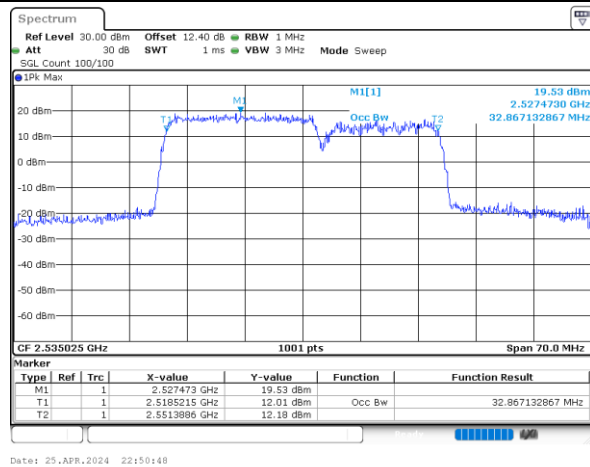
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



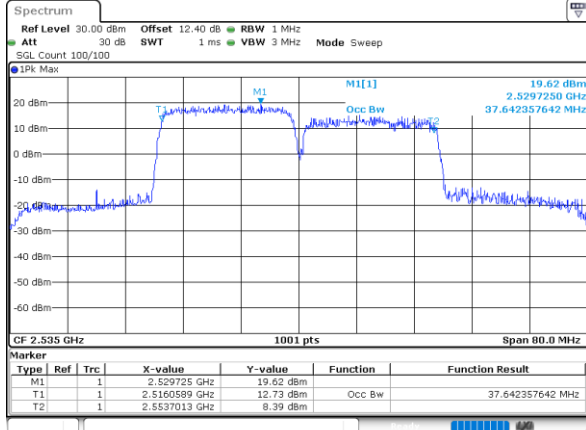


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



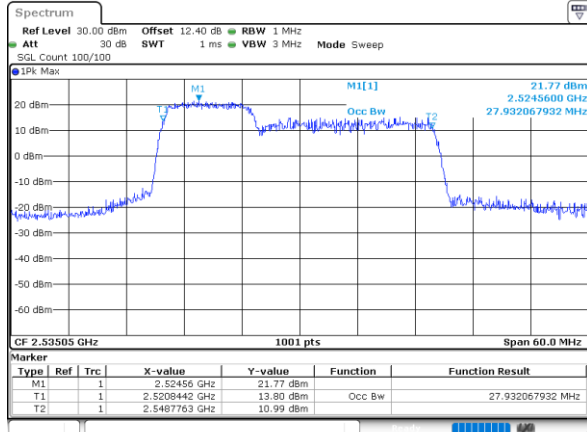
Date: 25, APR, 2024 23:19:37



LTE Band 7C

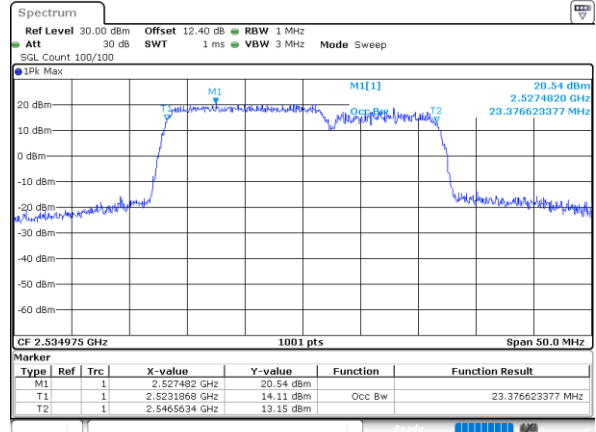
64QAM

Middle Channel / 10MHz+20MHz



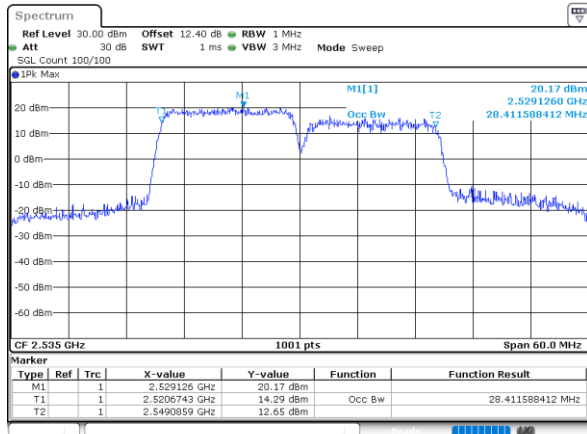
Date: 25.APR.2024 17:57:40

Middle Channel / 15MHz+10MHz



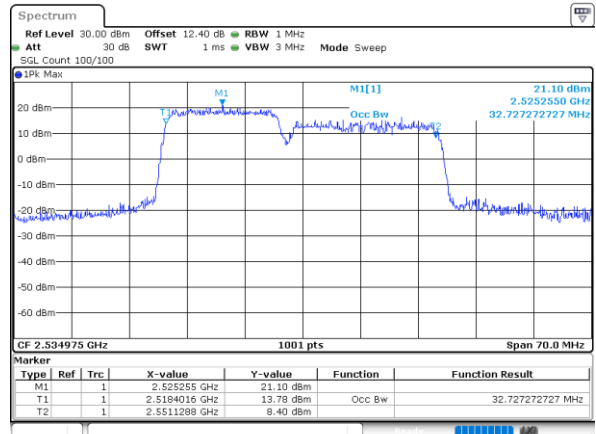
Date: 25.APR.2024 23:48:53

Middle Channel / 15MHz+15MHz



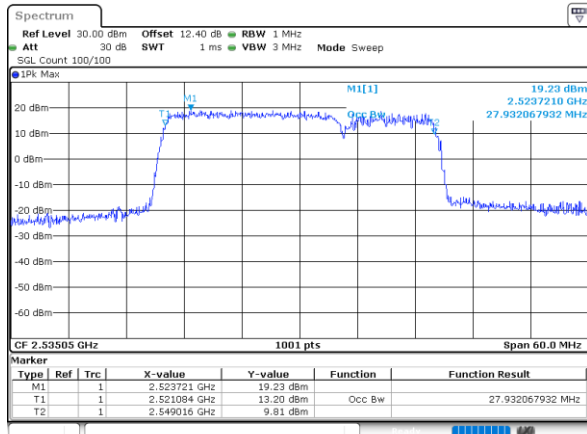
Date: 25.APR.2024 21:53:20

Middle Channel / 15MHz+20MHz



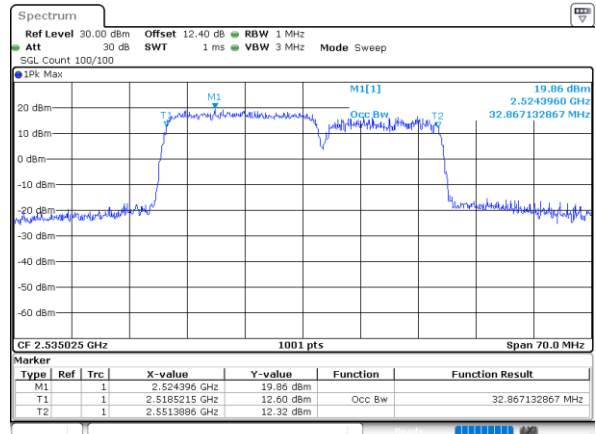
Date: 25.APR.2024 22:22:22

Middle Channel / 20MHz+10MHz



Date: 25.APR.2024 18:36:39

Middle Channel / 20MHz+15MHz



Date: 25.APR.2024 22:51:13

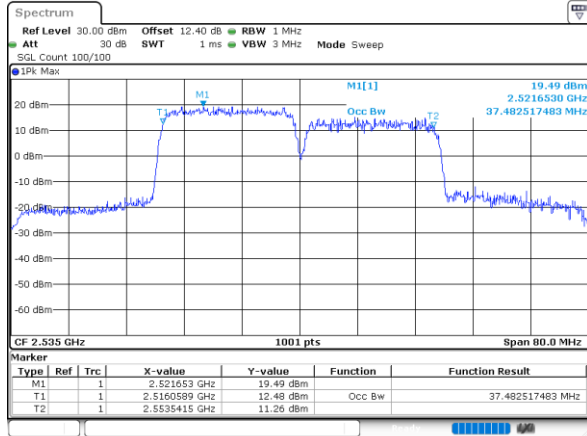


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



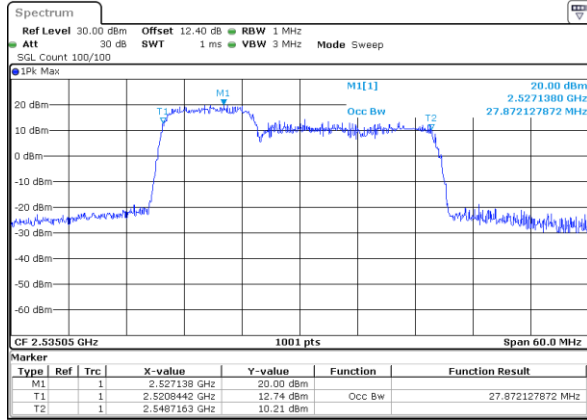
Date: 25, APR, 2024 23:20:02



LTE Band 7C

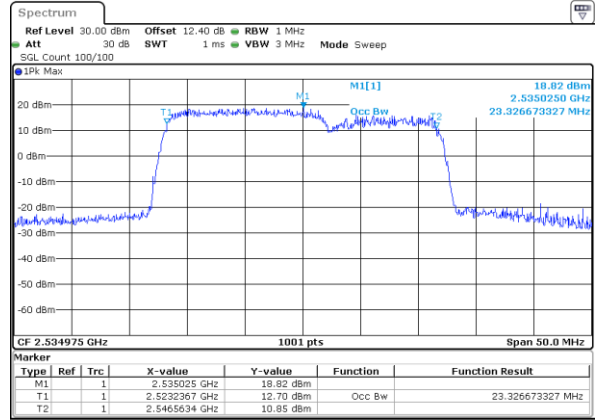
256QAM

Middle Channel / 10MHz+20MHz



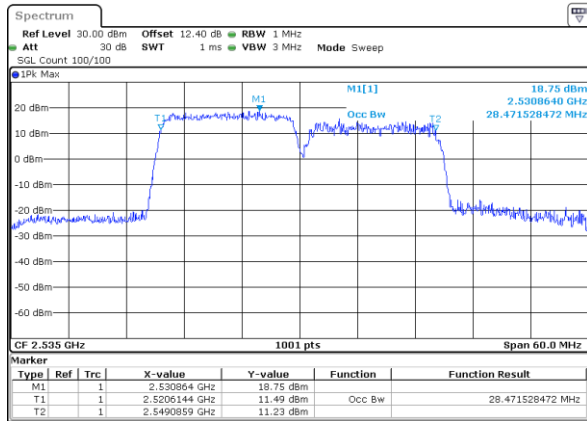
Date: 25.APR.2024 23:59:36

Middle Channel / 15MHz+10MHz



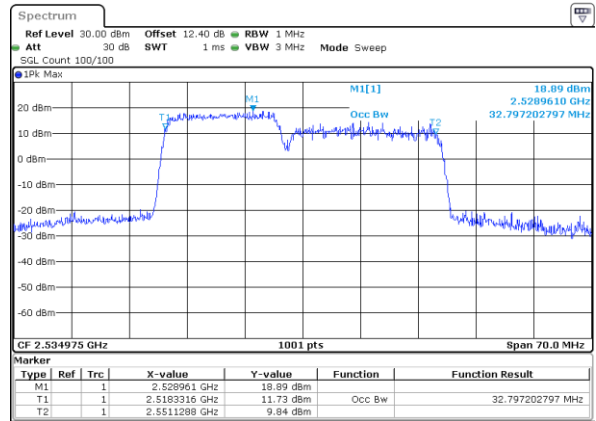
Date: 26.APR.2024 00:14:34

Middle Channel / 15MHz+15MHz



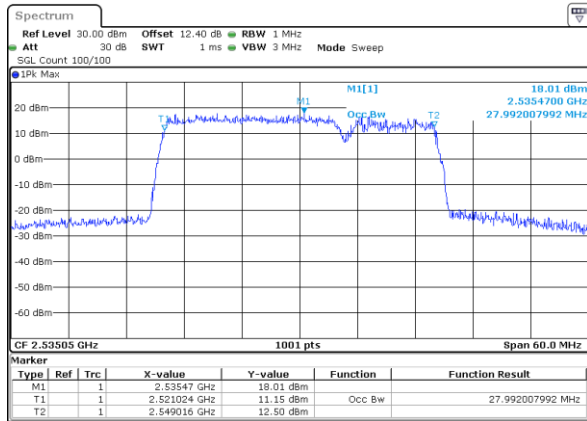
Date: 26.APR.2024 00:14:20

Middle Channel / 15MHz+20MHz



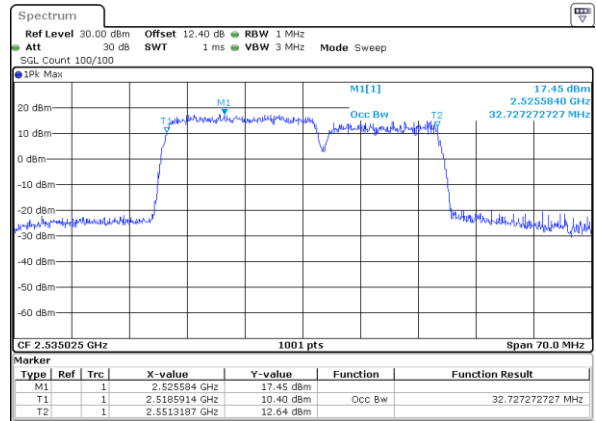
Date: 26.APR.2024 00:21:37

Middle Channel / 20MHz+10MHz



Date: 26.APR.2024 00:06:56

Middle Channel / 20MHz+15MHz



Date: 26.APR.2024 00:28:54

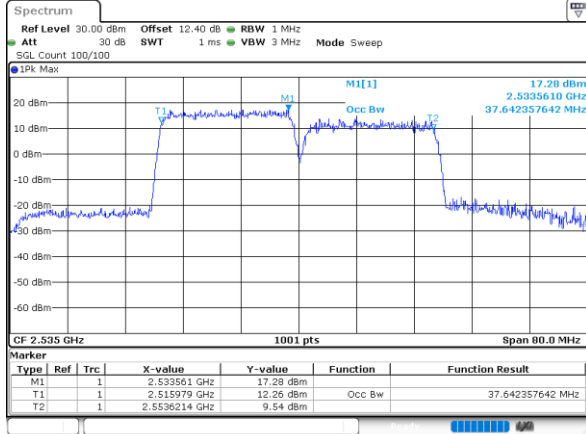


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 26.APR.2024 00:36:13

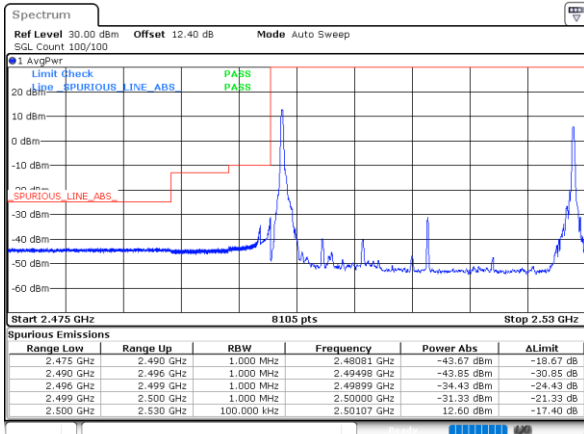


Conducted Band Edge

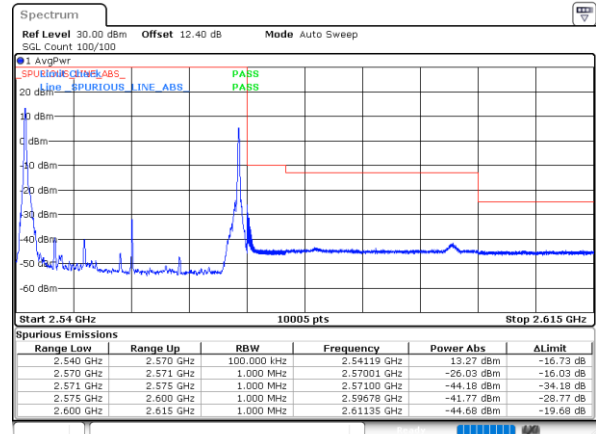
LTE Band 7C / 10MHz+20MHz

QPSK

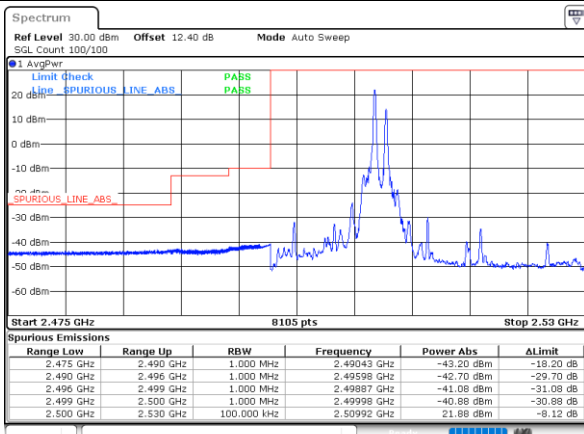
Lowest Band Edge / 1RB0 and 1RB99



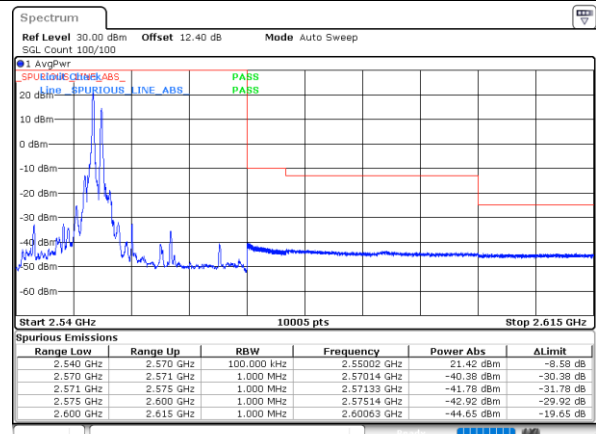
Highest Band Edge / 1RB0 and 1RB99



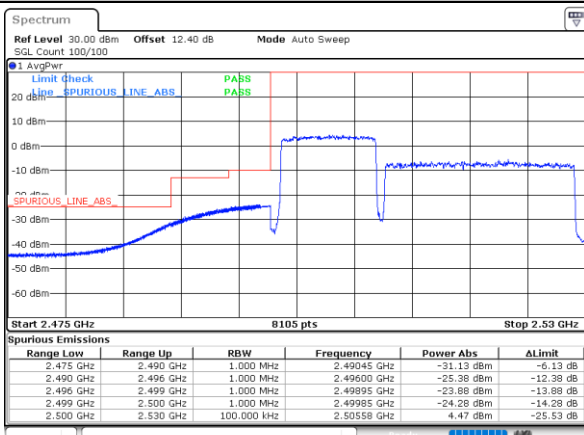
Lowest Band Edge / 1RB49 and 1RB0



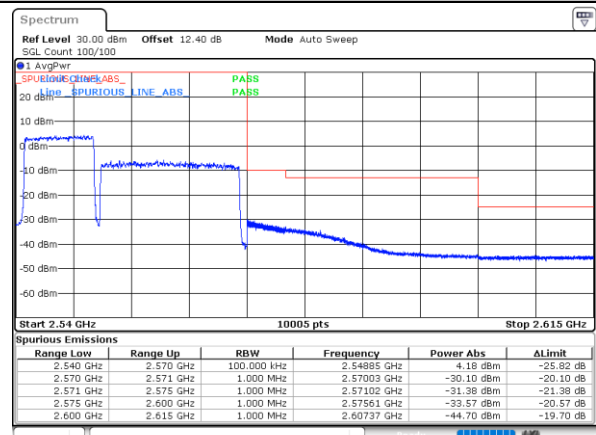
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

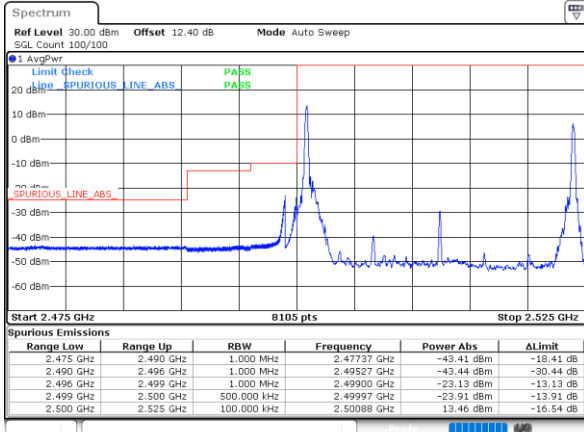




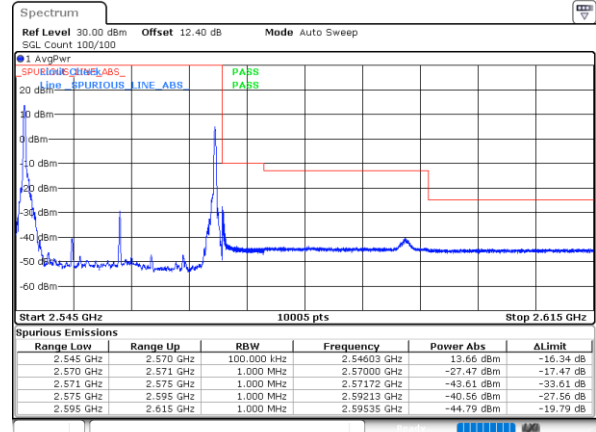
LTE Band 7C / 15MHz+10MHz

QPSK

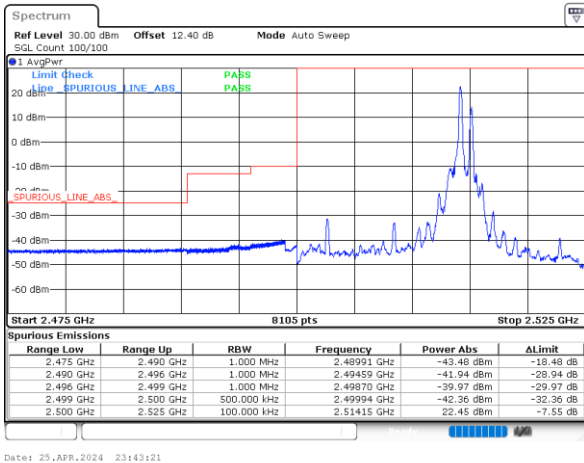
Lowest Band Edge / 1RB0 and 1RB49



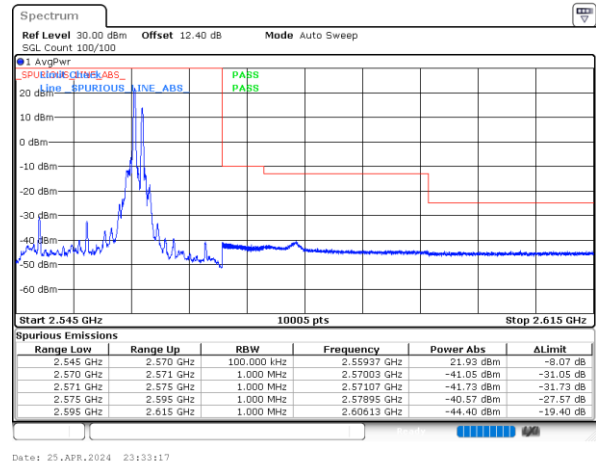
Highest Band Edge / 1RB0 and 1RB49



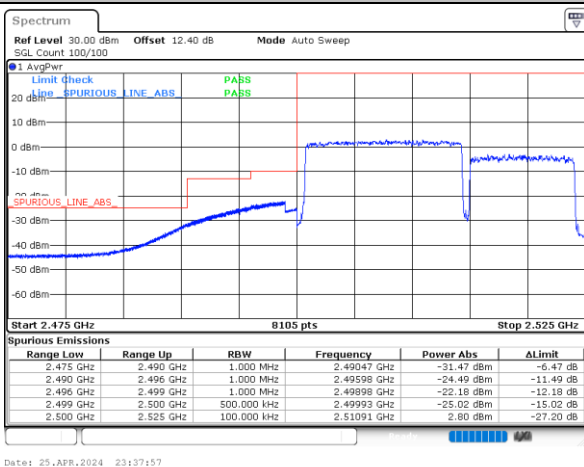
Lowest Band Edge / 1RB74 and 1RB0



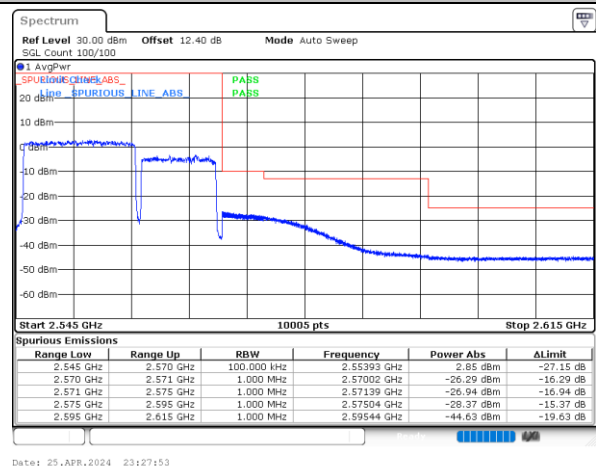
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

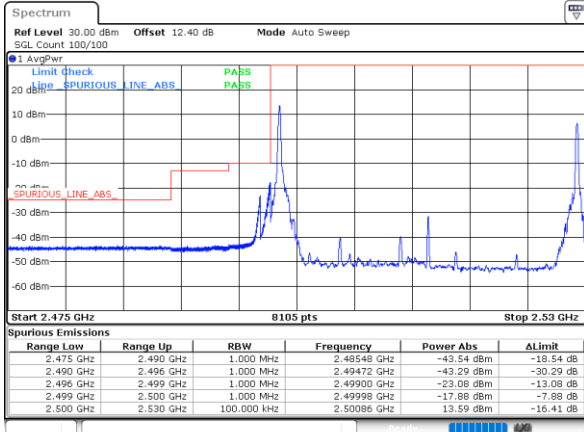




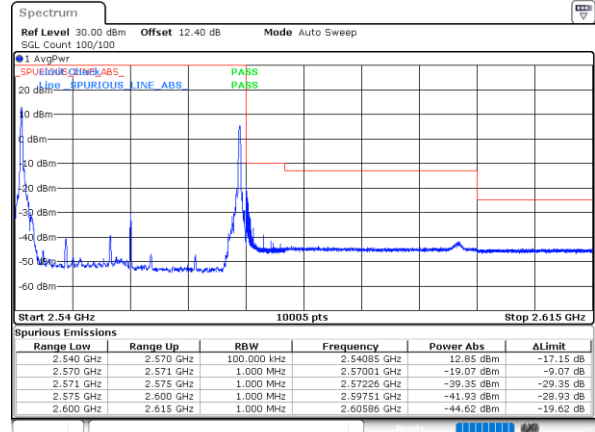
LTE Band 7C / 15MHz+15MHz

QPSK

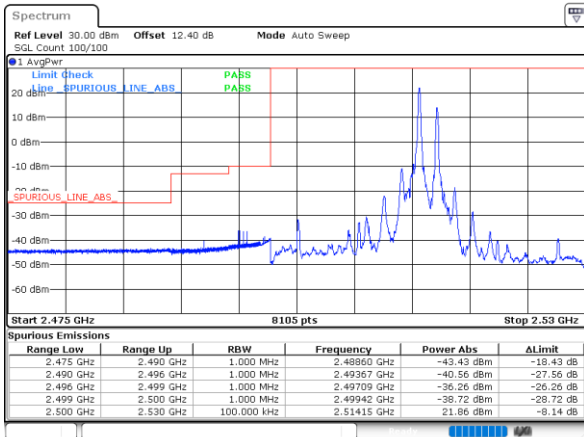
Lowest Band Edge / 1RB0 and 1RB74



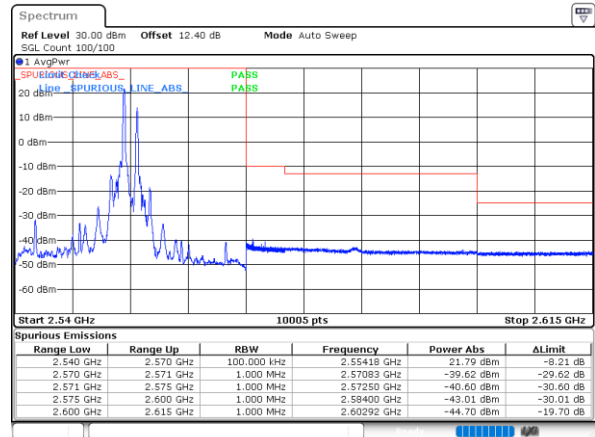
Highest Band Edge / 1RB0 and 1RB74



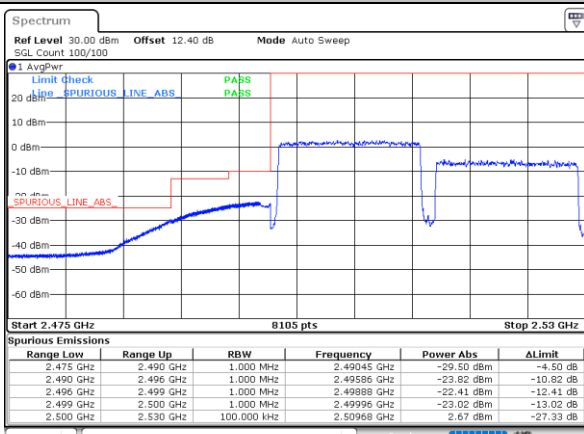
Lowest Band Edge / 1RB74 and 1RB0



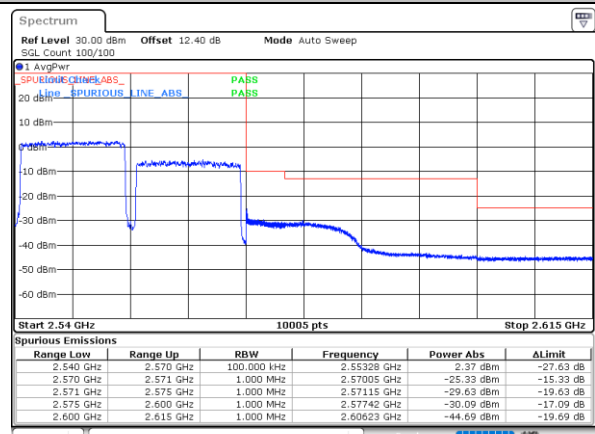
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

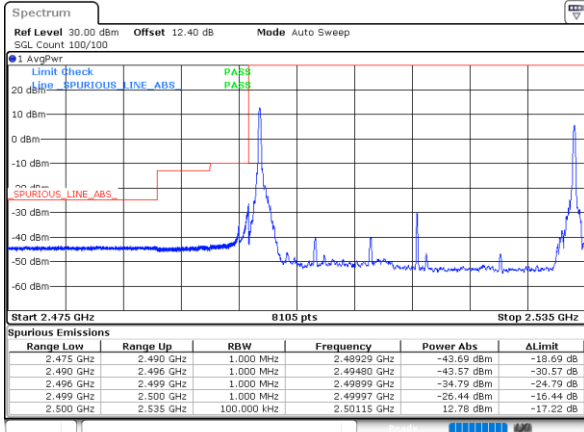




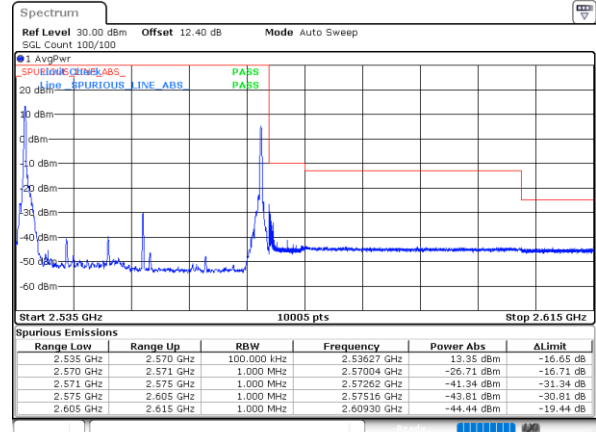
LTE Band 7C / 15MHz+20MHz

QPSK

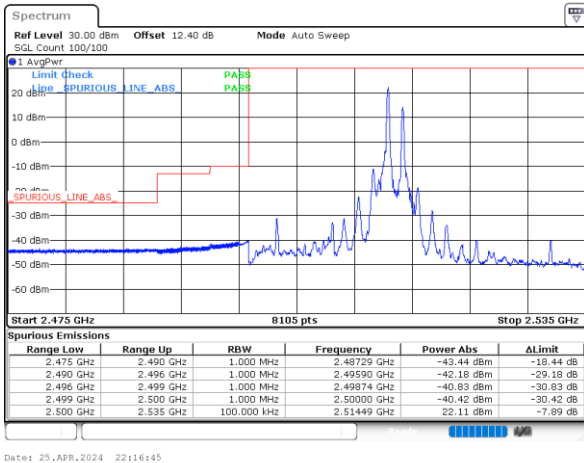
Lowest Band Edge / 1RB0 and 1RB99



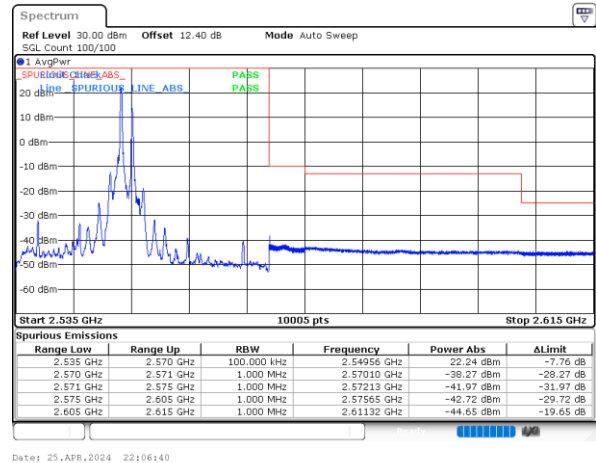
Highest Band Edge / 1RB0 and 1RB99



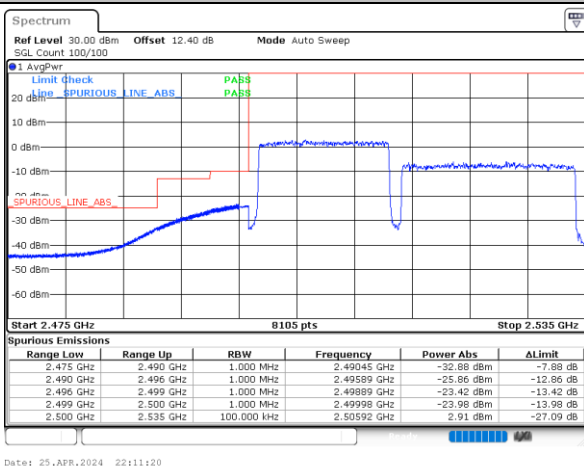
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

