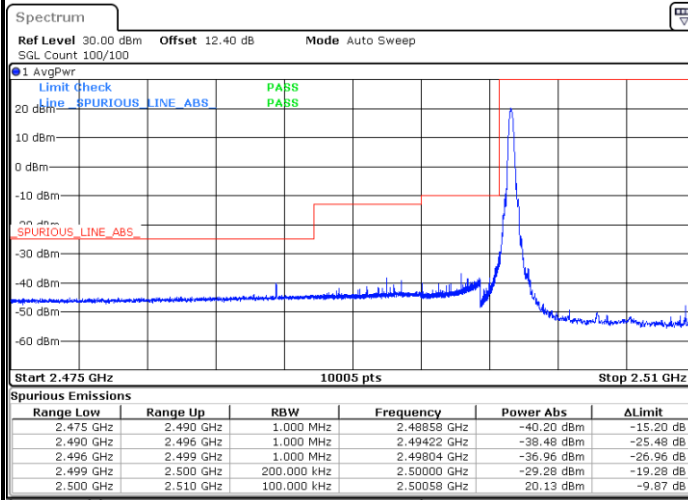


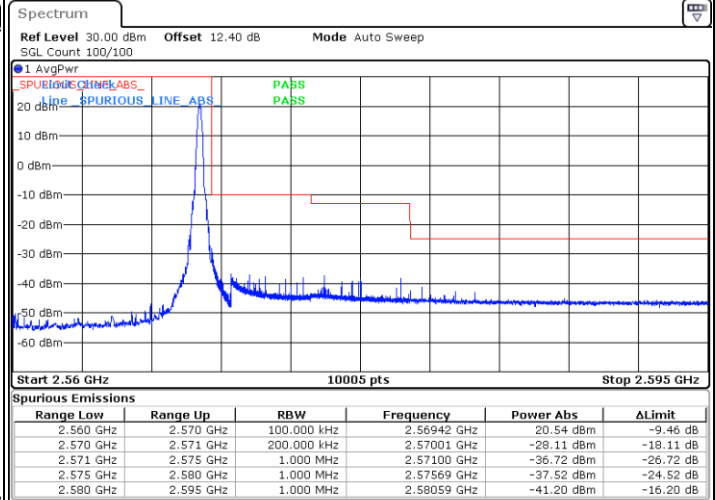


## LTE Band 7 / 10MHz / 64QAM

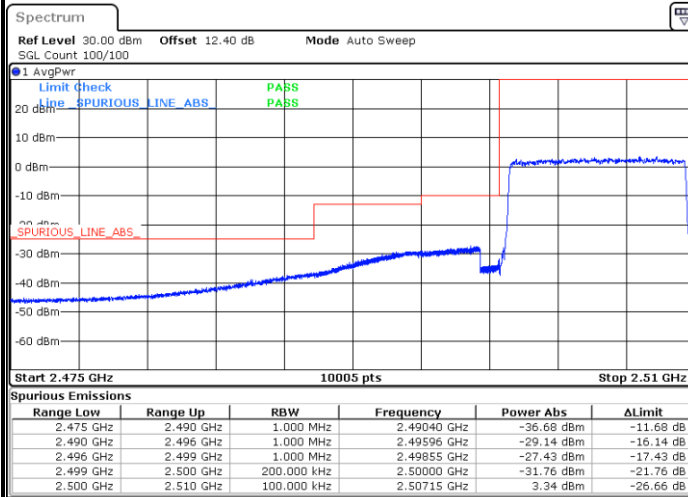
## Lowest Band Edge / 1 RB



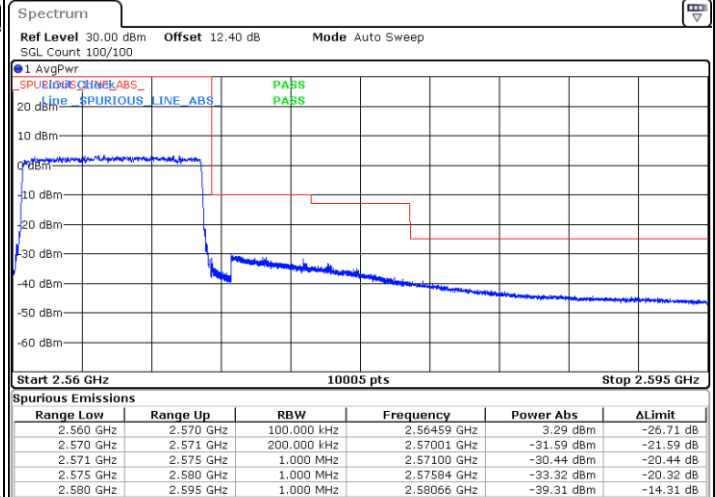
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



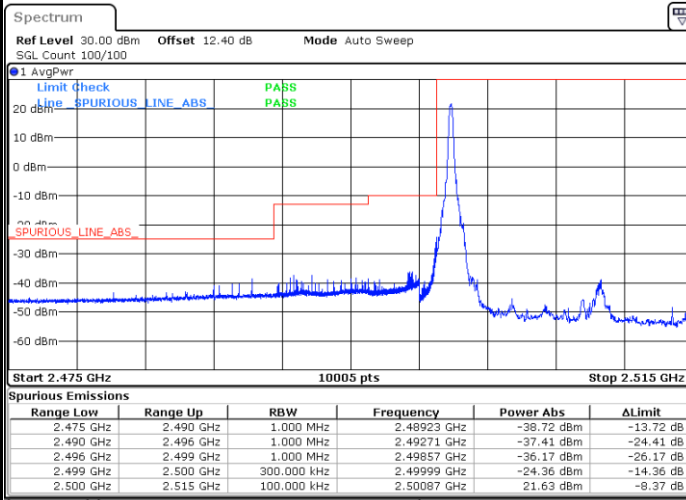
## Highest Band Edge / Full RB



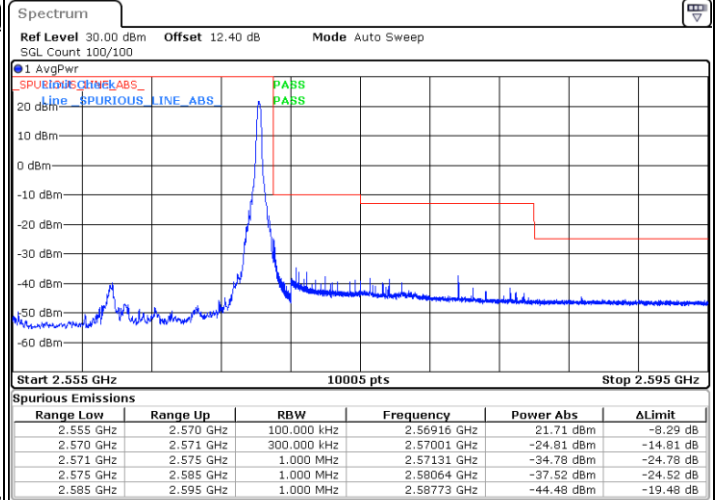


## LTE Band 7 / 15MHz / QPSK

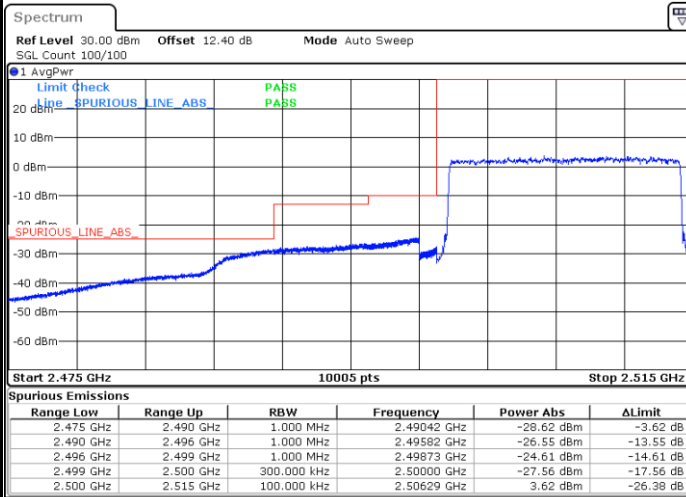
## Lowest Band Edge / 1 RB



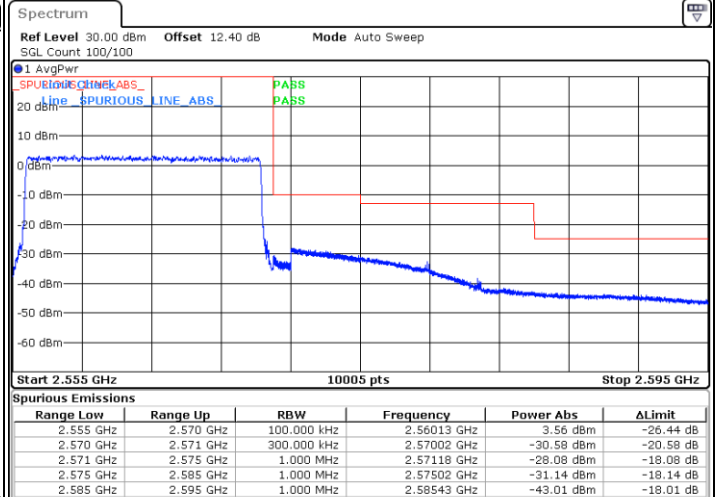
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



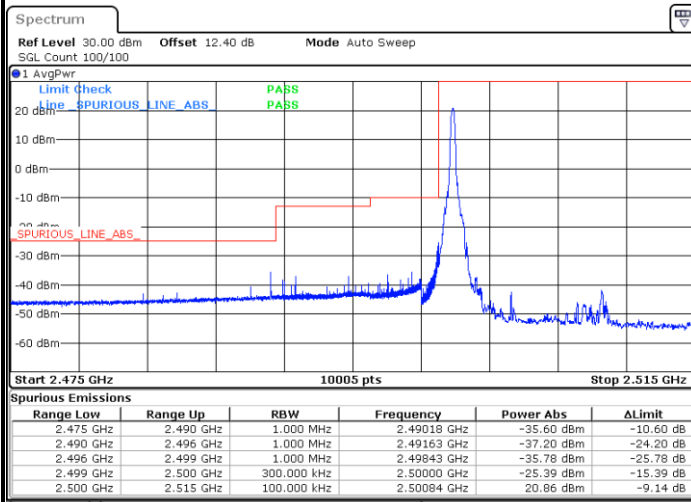
## Highest Band Edge / Full RB



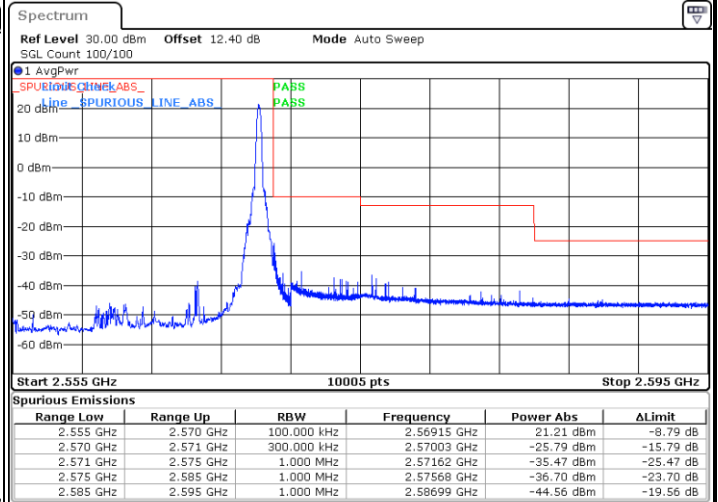


## LTE Band 7 / 15MHz / 16QAM

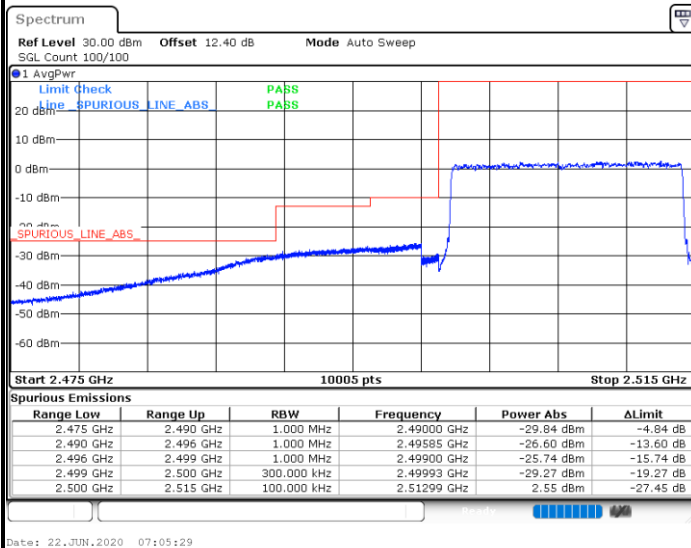
## Lowest Band Edge / 1 RB



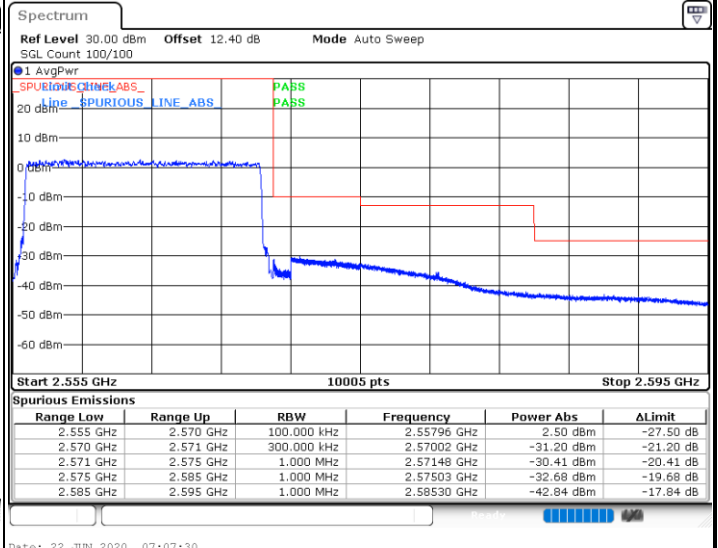
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



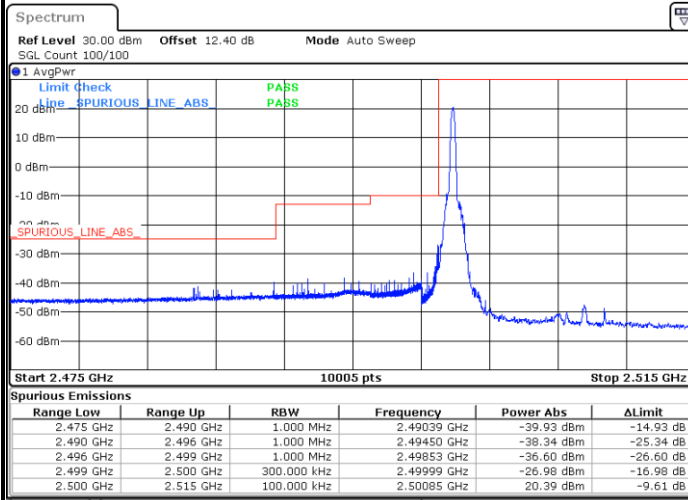
## Highest Band Edge / Full RB



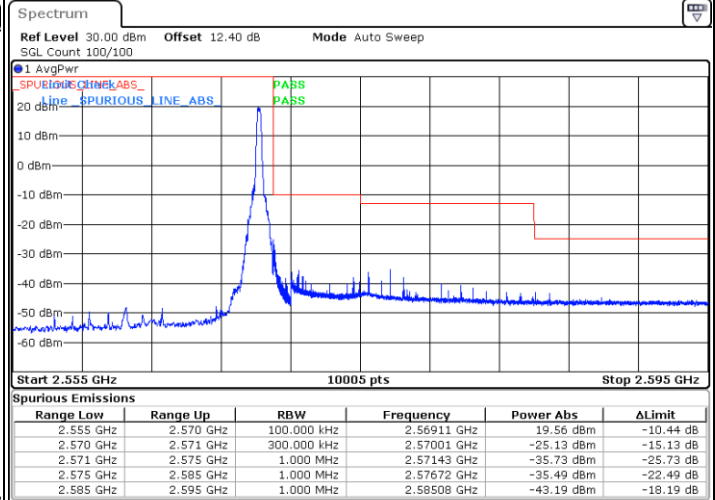


## LTE Band 7 / 15MHz / 64QAM

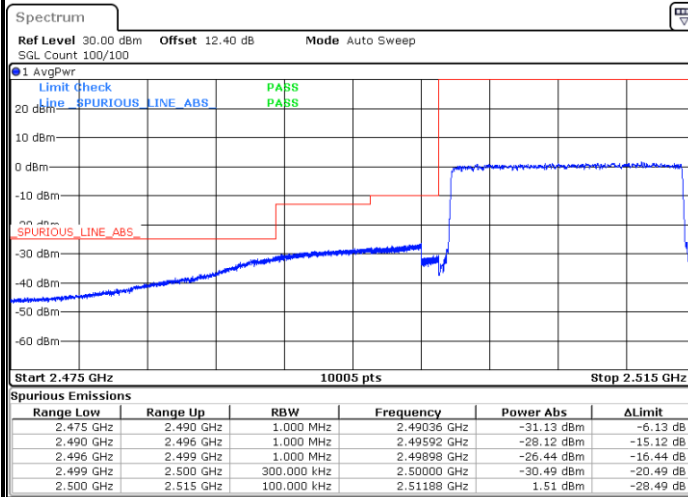
## Lowest Band Edge / 1 RB



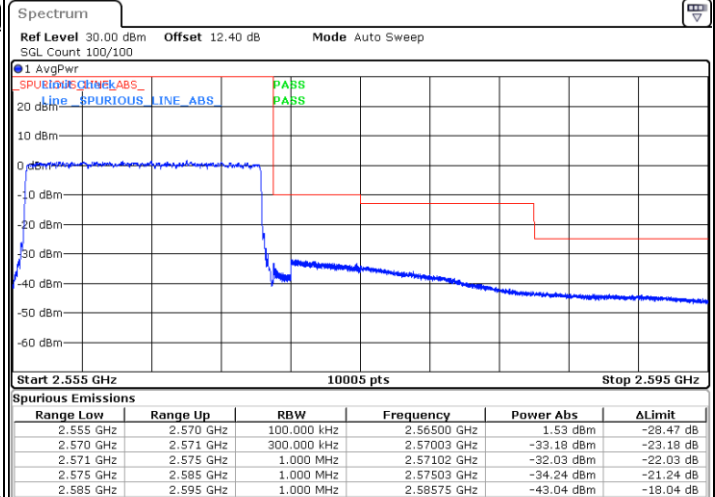
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



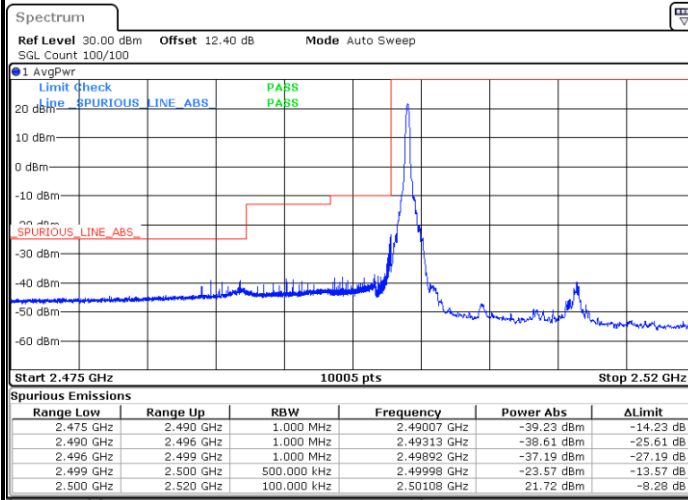
## Highest Band Edge / Full RB



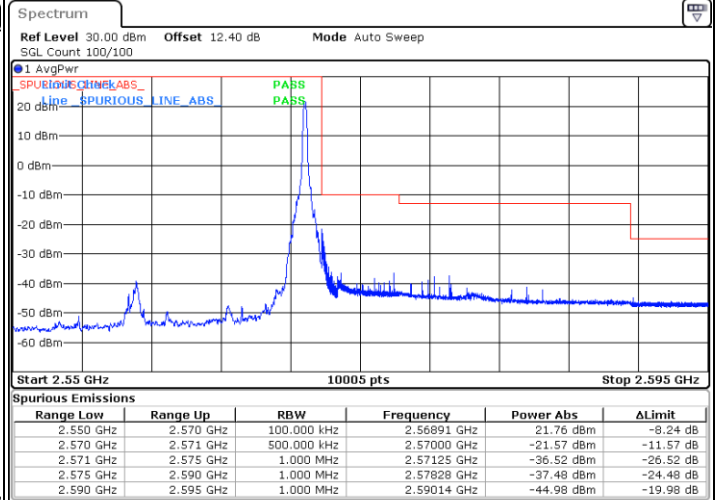


## LTE Band 7 / 20MHz / QPSK

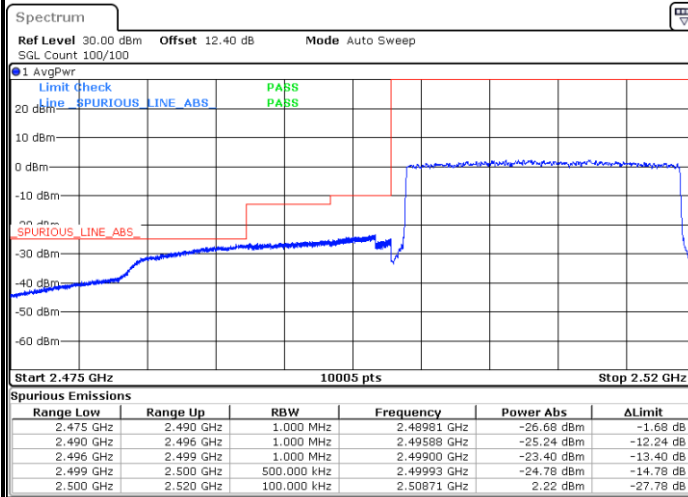
## Lowest Band Edge / 1 RB



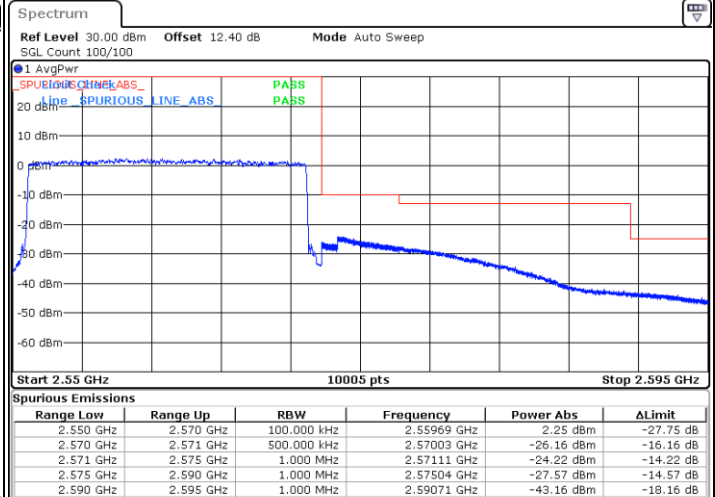
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



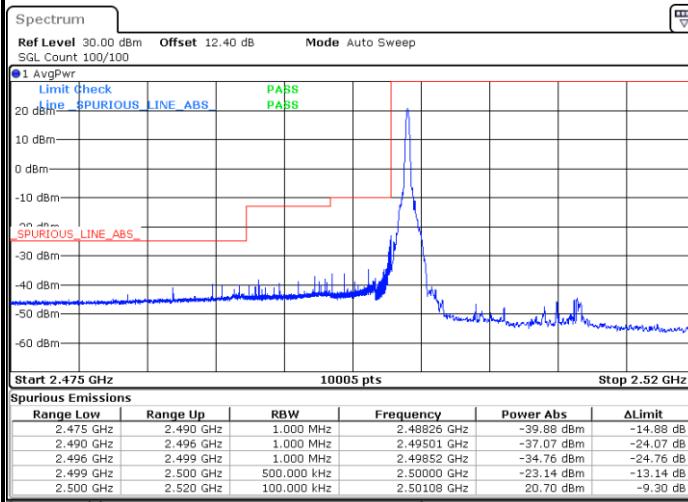
## Highest Band Edge / Full RB



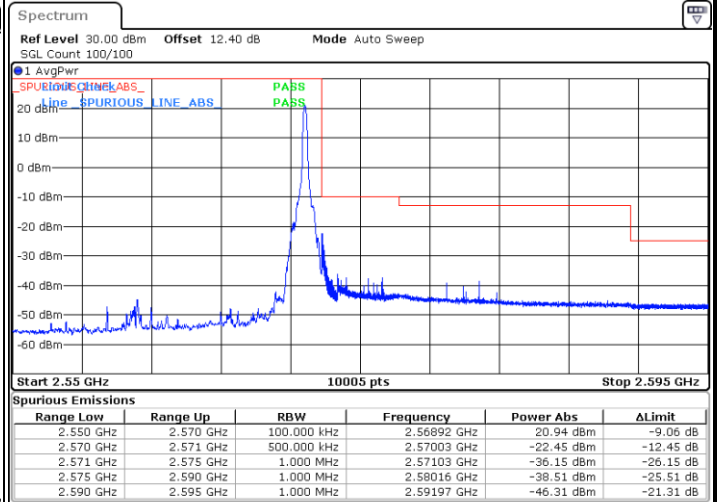


## LTE Band 7 / 20MHz / 16QAM

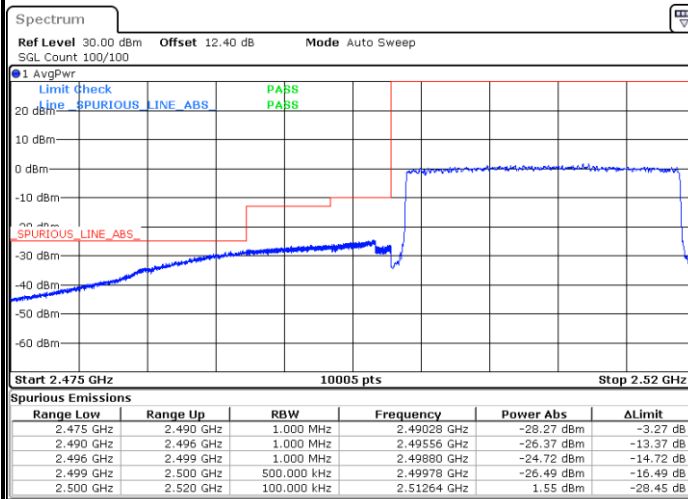
## Lowest Band Edge / 1 RB



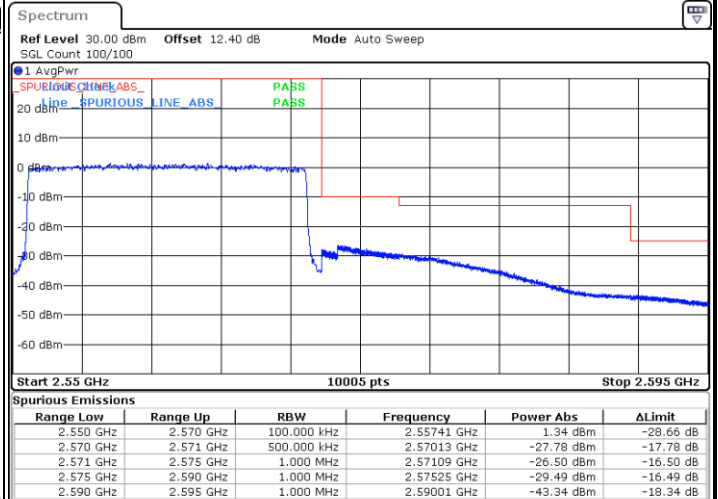
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



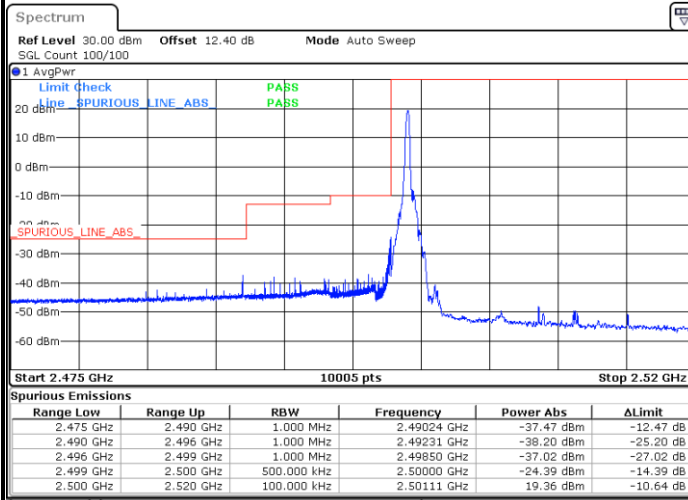
## Highest Band Edge / Full RB



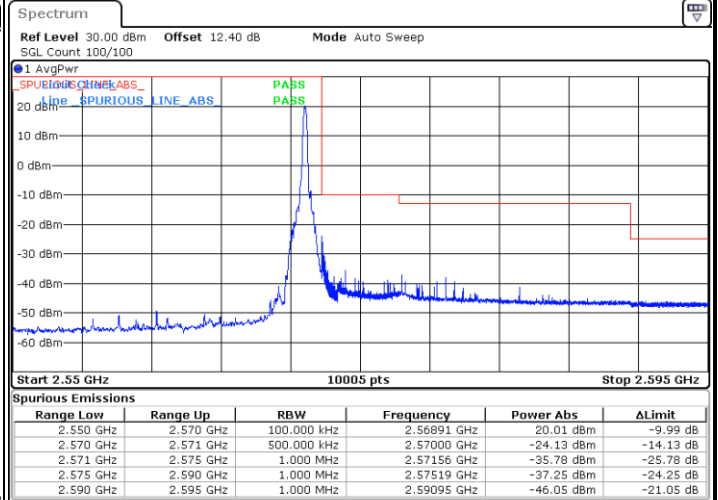


## LTE Band 7 / 20MHz / 64QAM

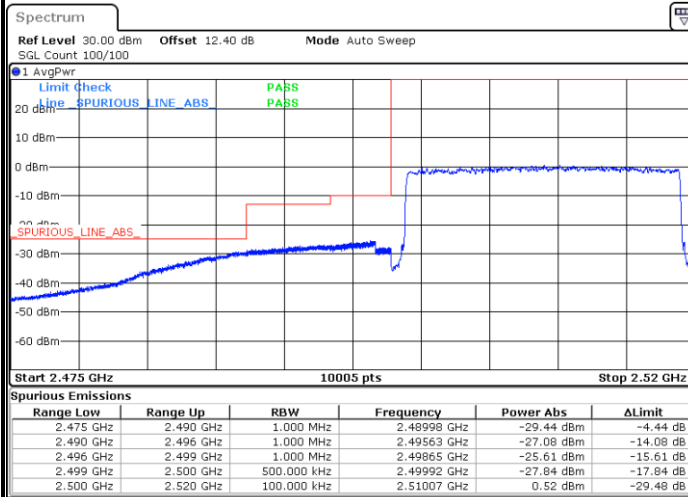
## Lowest Band Edge / 1 RB



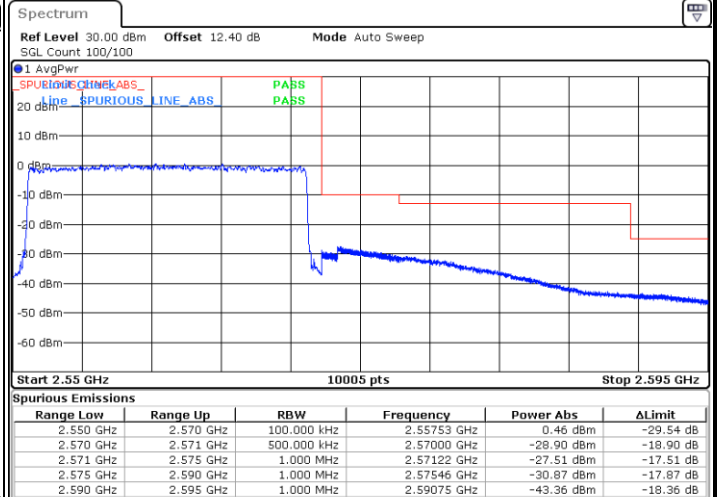
## Highest Band Edge / 1 RB

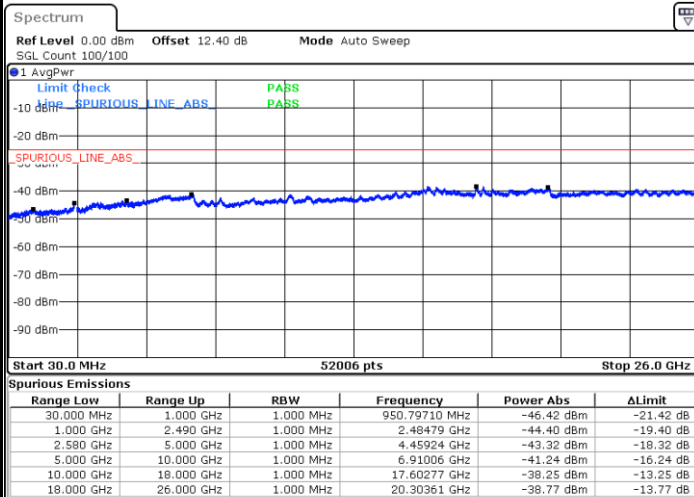


## Lowest Band Edge / Full RB

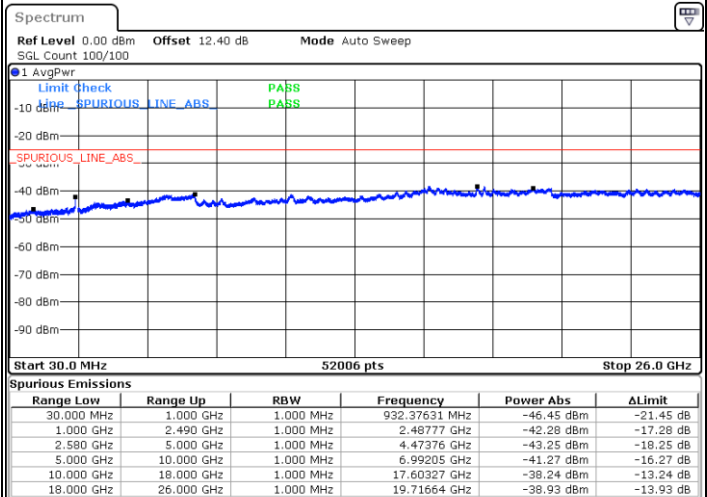


## Highest Band Edge / Full RB

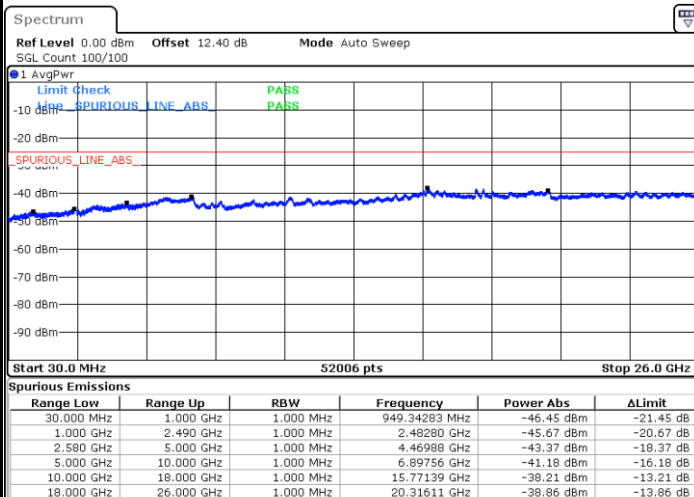


**Conducted Spurious Emission****LTE Band 7 / 5MHz****Lowest Channel / QPSK**

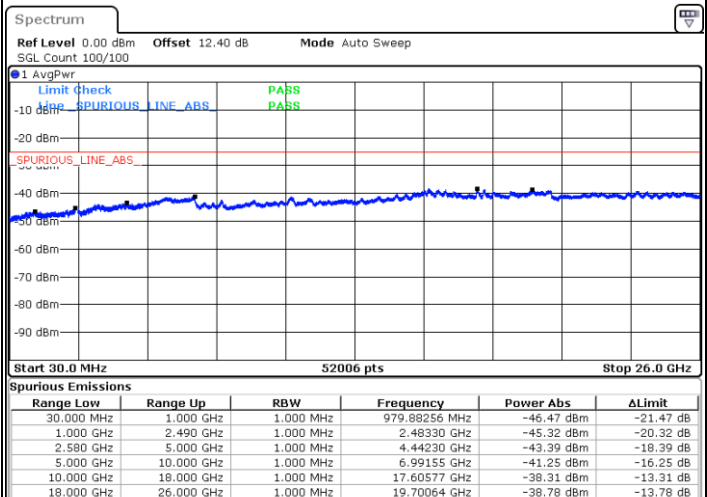
Date: 22.JUN.2020 07:16:29

**Lowest Channel / 16QAM**

Date: 22.JUN.2020 07:17:19

**Middle Channel / QPSK**

Date: 22.JUN.2020 07:18:08

**Middle Channel / 16QAM**

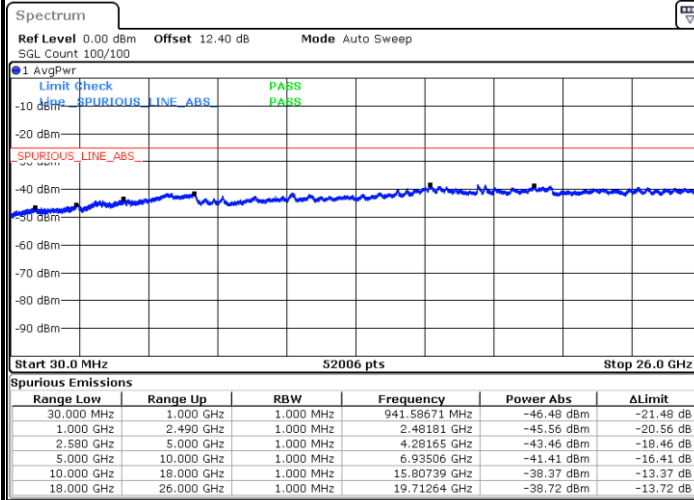
Date: 22.JUN.2020 07:18:57





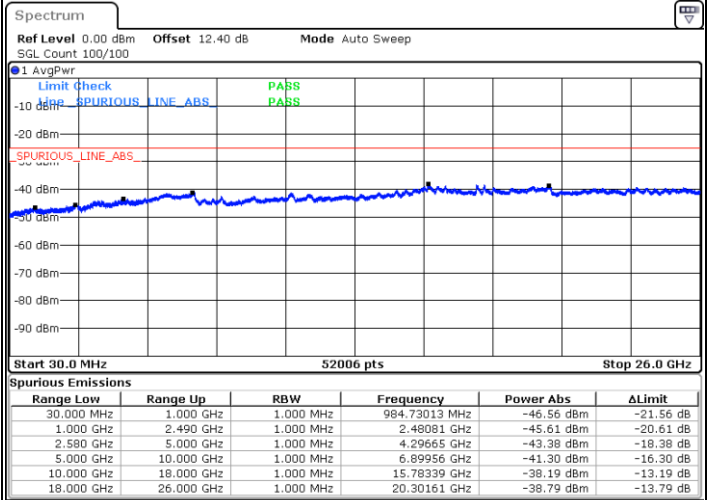
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 22.JUN.2020 07:19:46

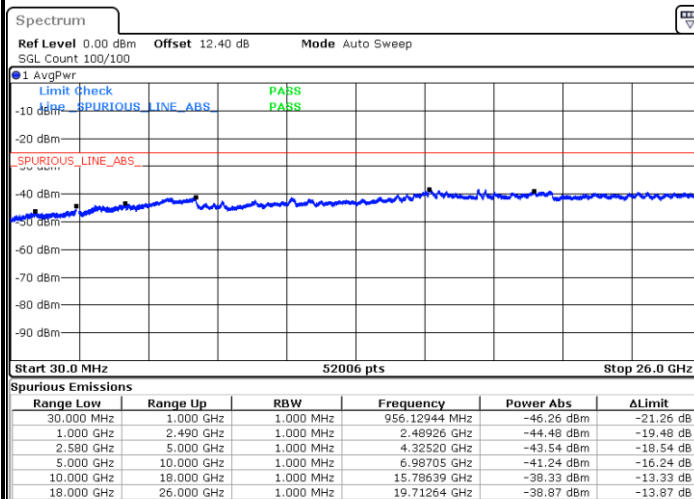
## Highest Channel / 16QAM



Date: 22.JUN.2020 07:20:35

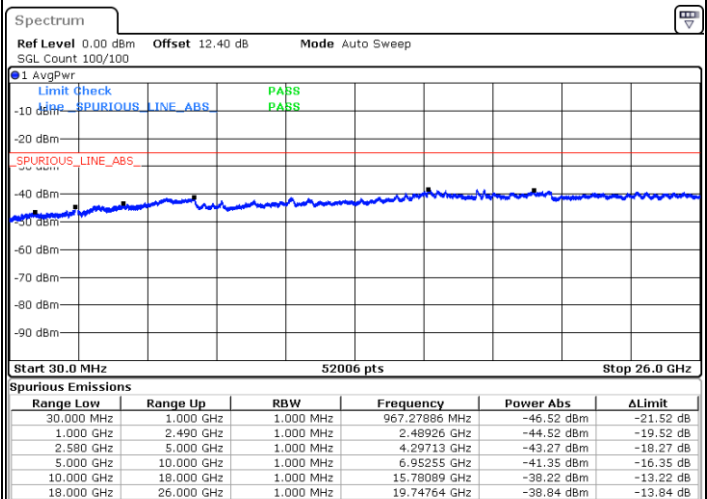
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 22.JUN.2020 07:23:53

## Lowest Channel / 16QAM

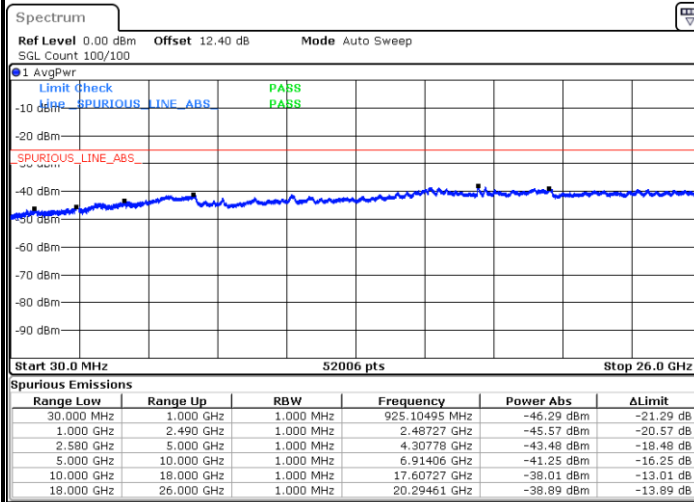


Date: 22.JUN.2020 07:24:43



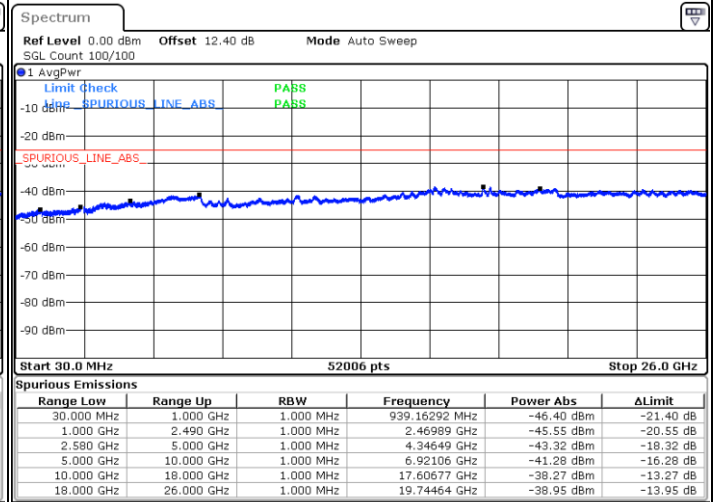
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



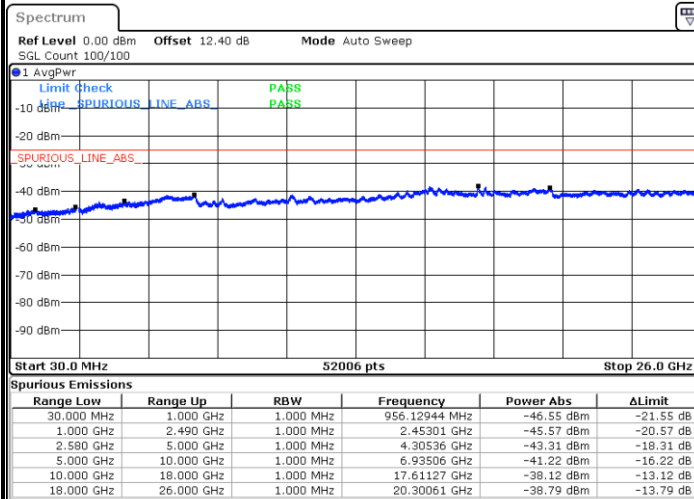
Date: 22 JUN 2020 07:25:32

## Middle Channel / 16QAM



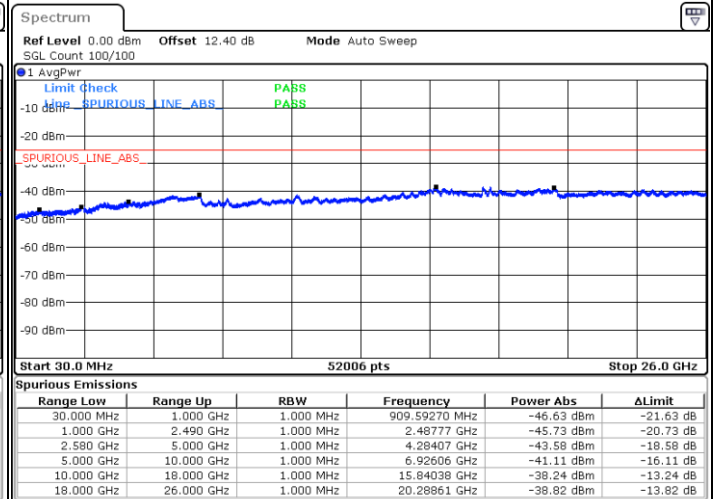
Date: 22 JUN 2020 07:26:21

## Highest Channel / QPSK



Date: 22 JUN 2020 07:27:10

## Highest Channel / 16QAM

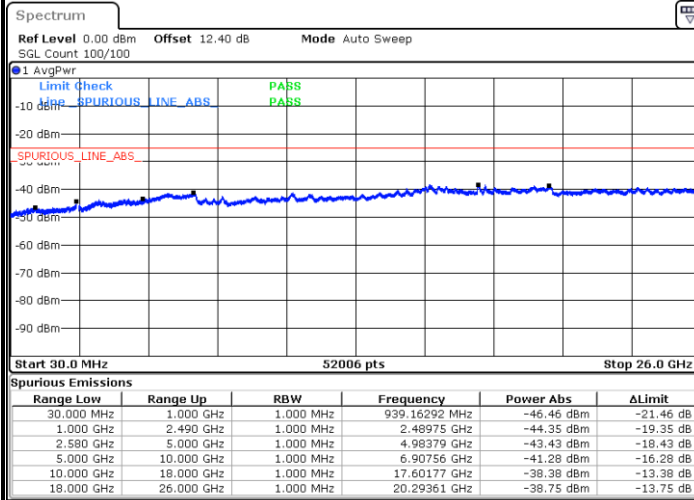


Date: 22 JUN 2020 07:27:59



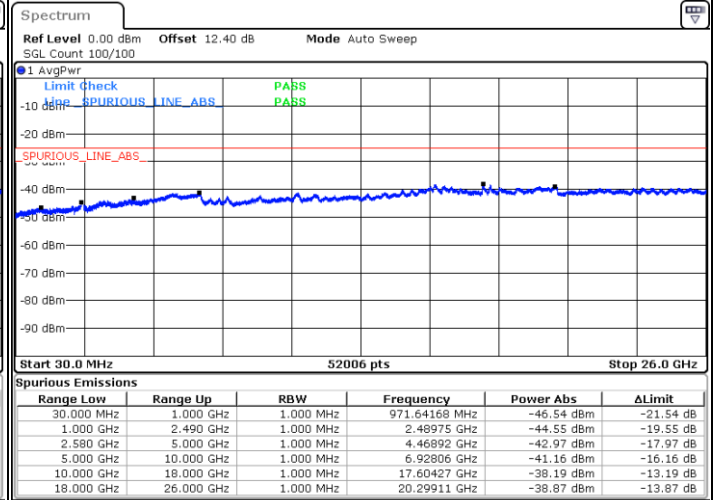
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



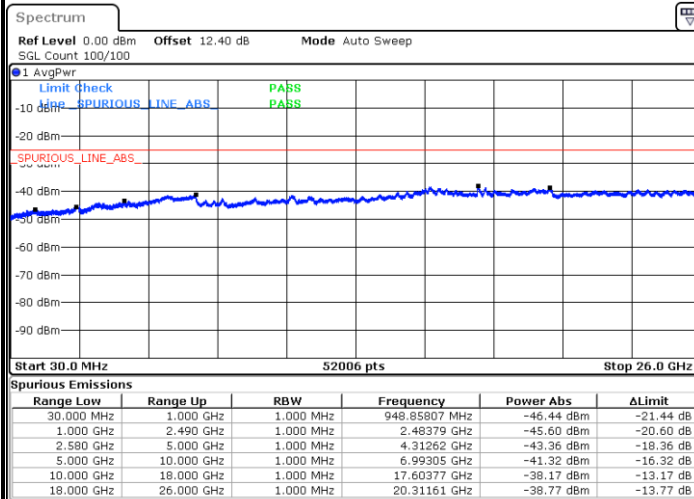
Date: 22.JUN.2020 07:33:45

## Lowest Channel / 16QAM



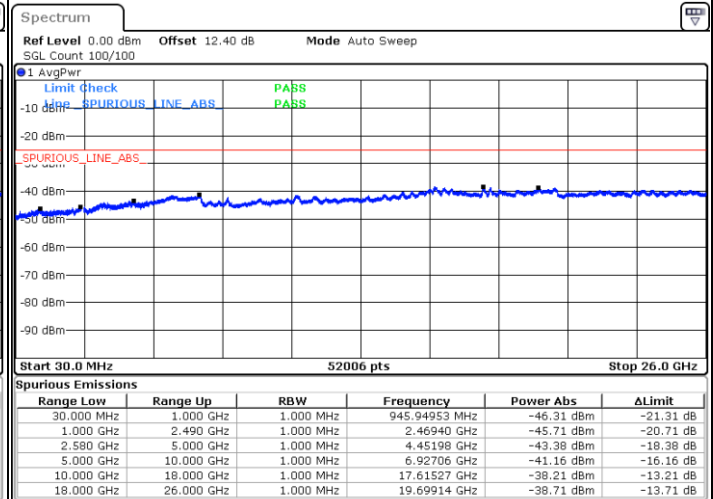
Date: 22.JUN.2020 07:34:34

## Middle Channel / QPSK



Date: 22.JUN.2020 07:35:23

## Middle Channel / 16QAM

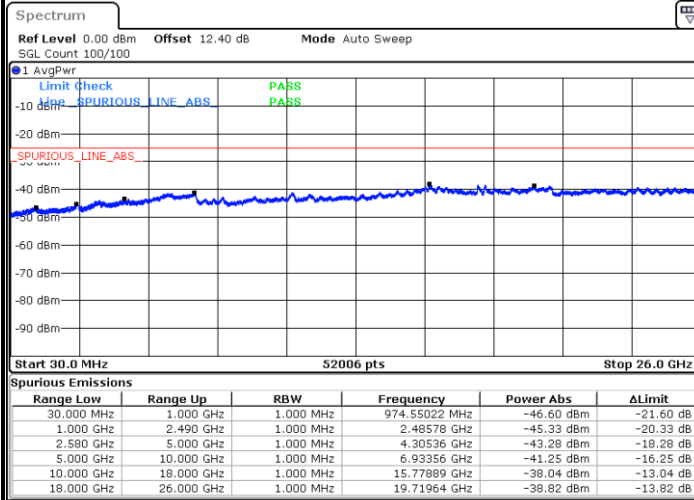


Date: 22.JUN.2020 07:36:12



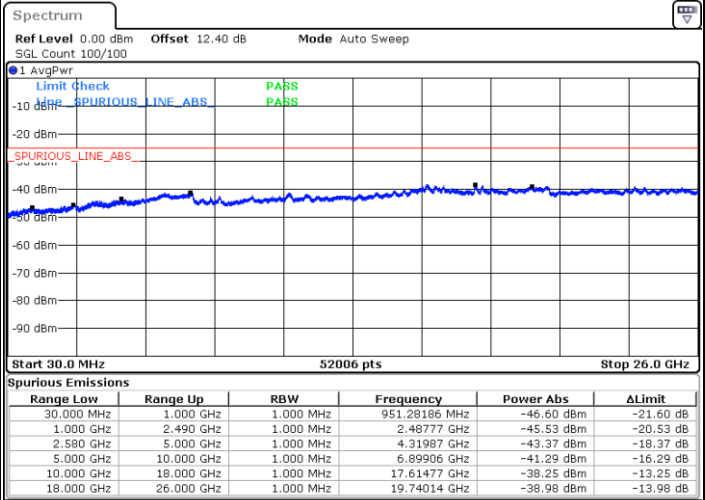
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 22.JUN.2020 07:37:01

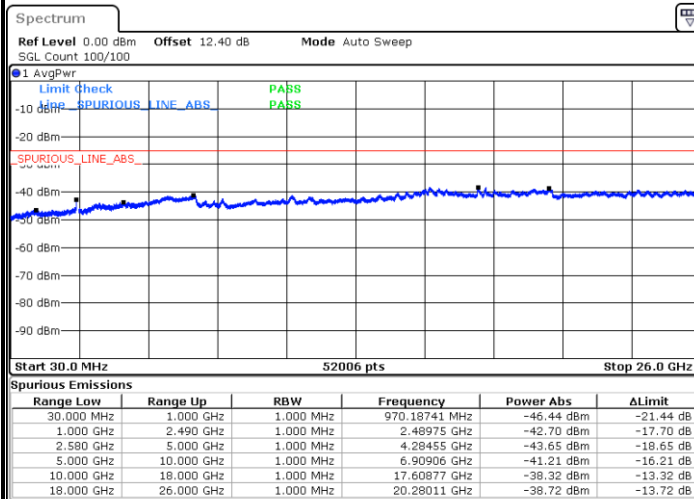
## Highest Channel / 16QAM



Date: 22.JUN.2020 07:37:50

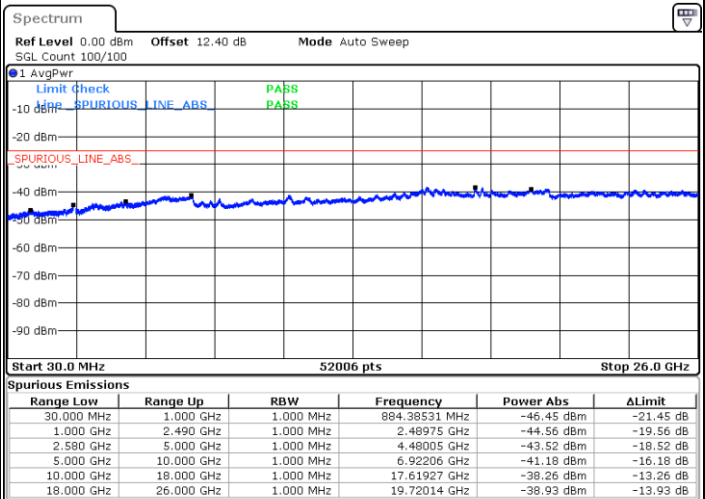
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 22.JUN.2020 07:38:42

## Lowest Channel / 16QAM

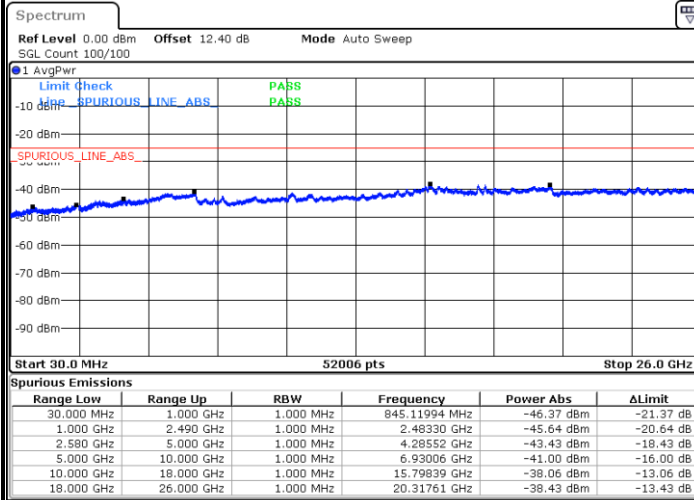


Date: 22.JUN.2020 07:39:31



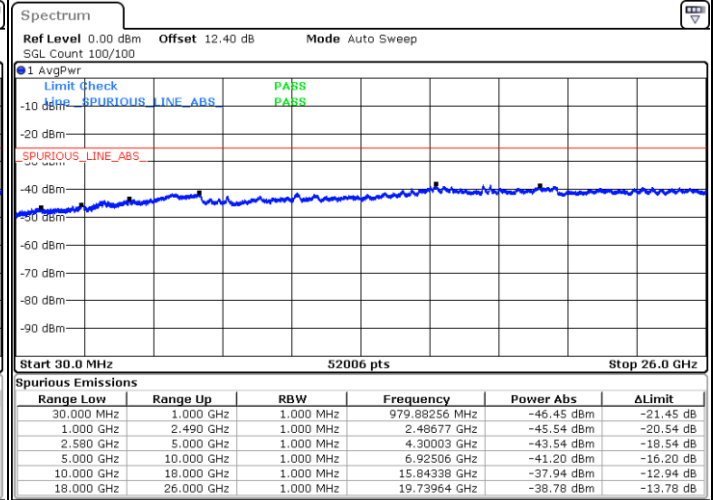
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



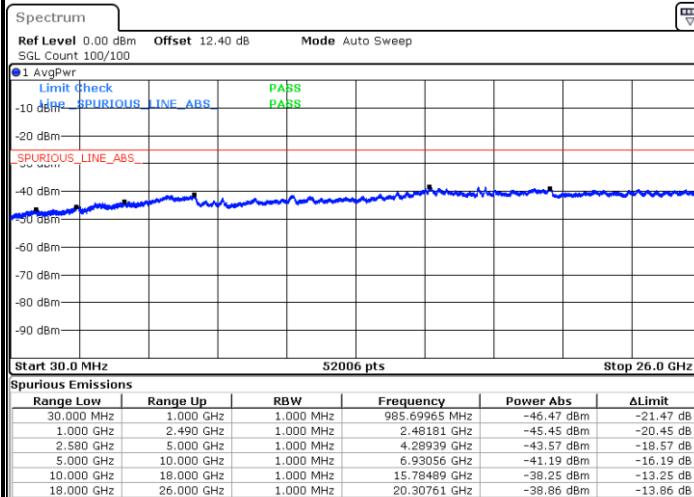
Date: 22 JUN 2020 07:40:20

## Middle Channel / 16QAM



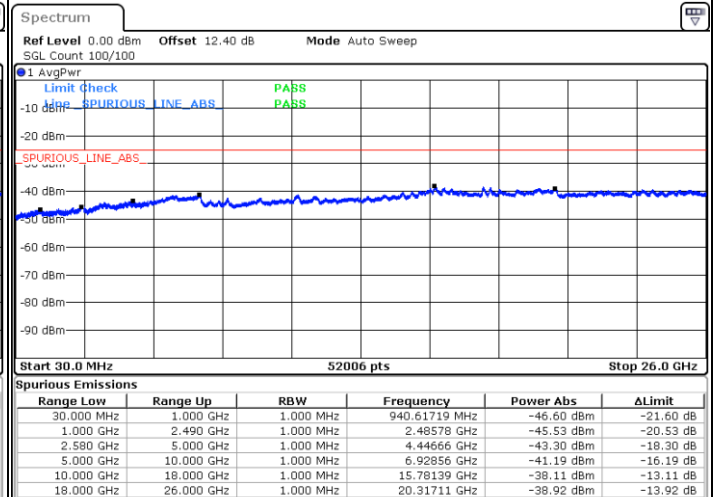
Date: 22 JUN 2020 07:41:09

## Highest Channel / QPSK



Date: 22 JUN 2020 07:41:58

## Highest Channel / 16QAM

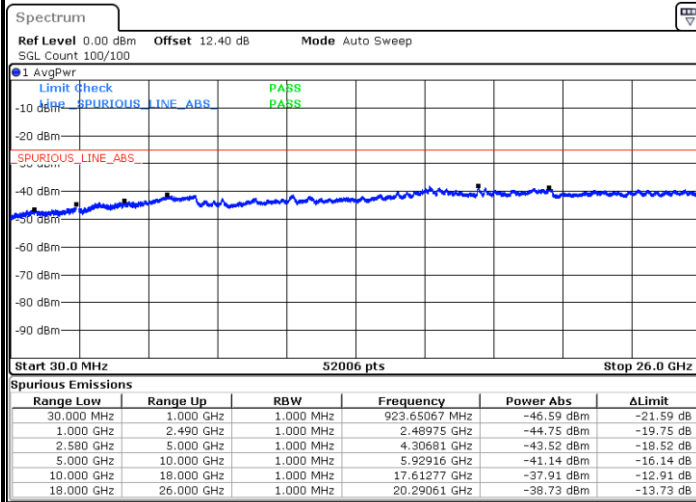


Date: 22 JUN 2020 07:42:47



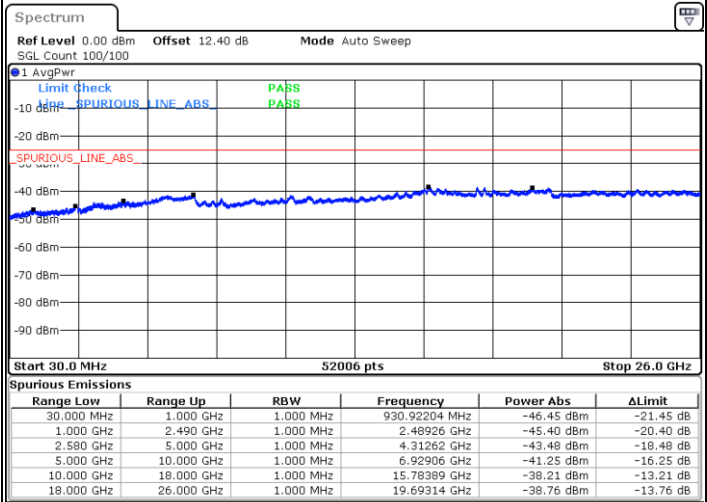
## LTE Band 7 / 5MHz

## Lowest Channel / 64QAM



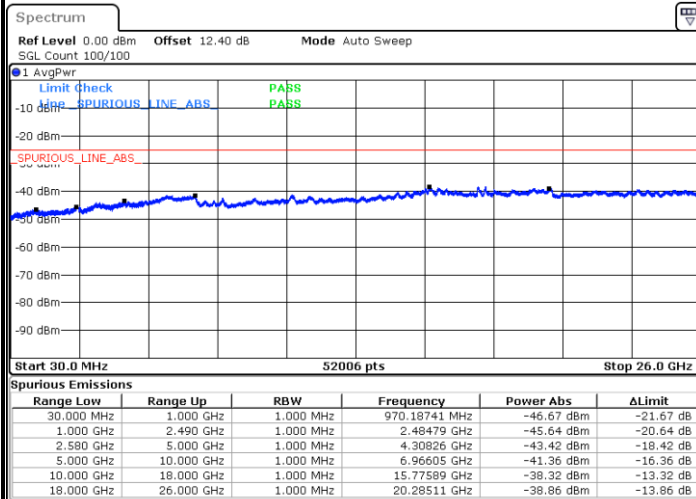
Date: 22 JUN 2020 07:21:24

## Middle Channel / 64QAM



Date: 22 JUN 2020 07:22:13

## Highest Channel / 64QAM

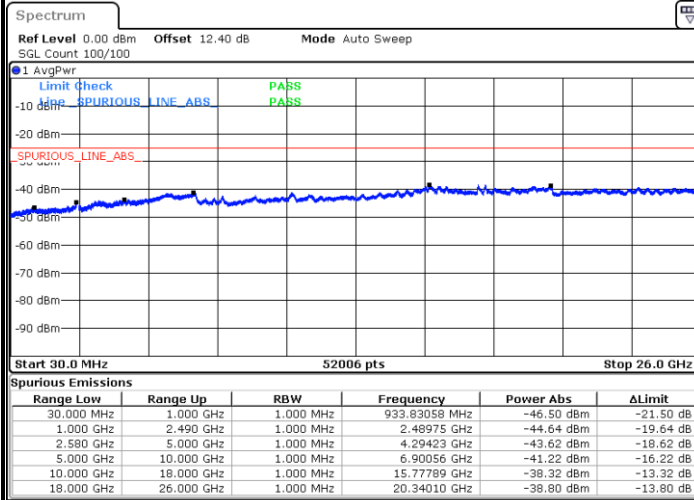


Date: 22 JUN 2020 07:23:02



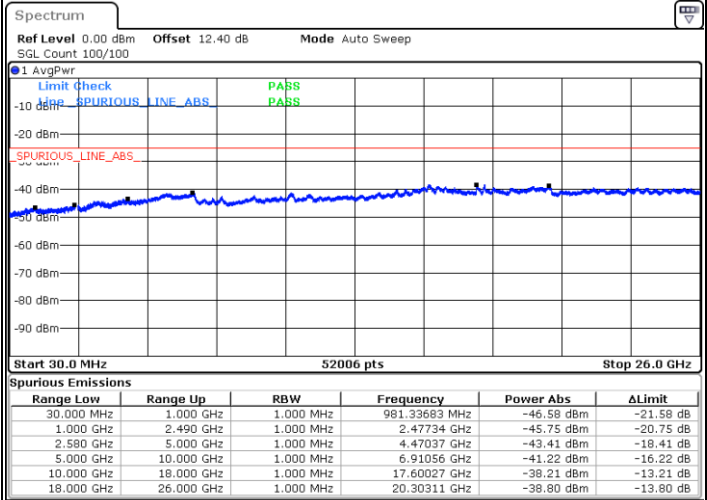
## LTE Band 7 / 10MHz

## Lowest Channel / 64QAM



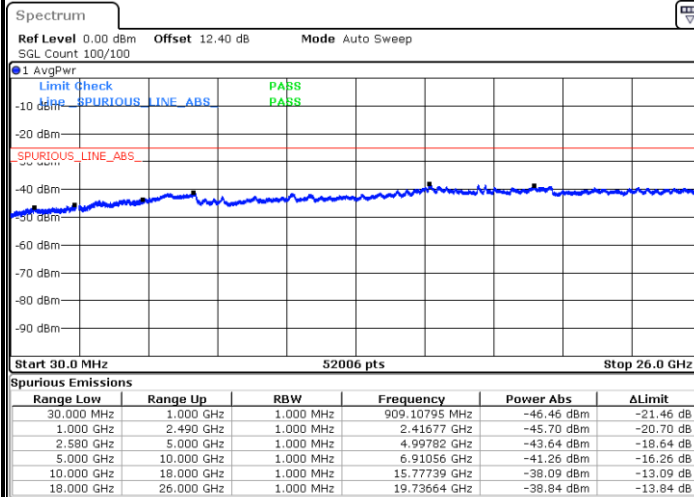
Date: 22 JUN 2020 07:28:49

## Middle Channel / 64QAM



Date: 22 JUN 2020 07:29:38

## Highest Channel / 64QAM

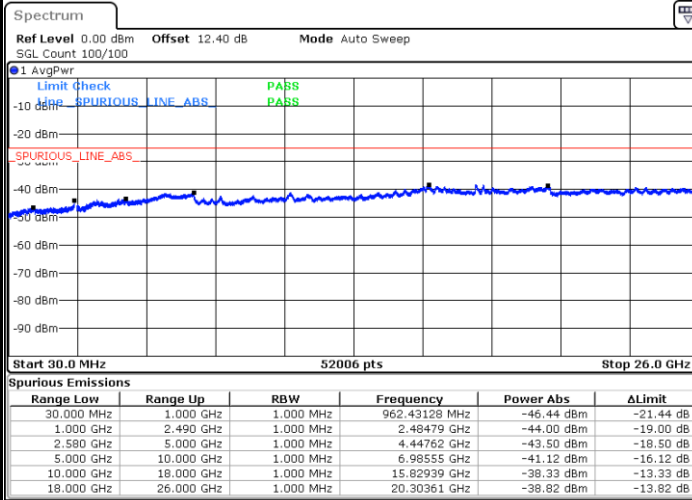


Date: 22 JUN 2020 07:30:26



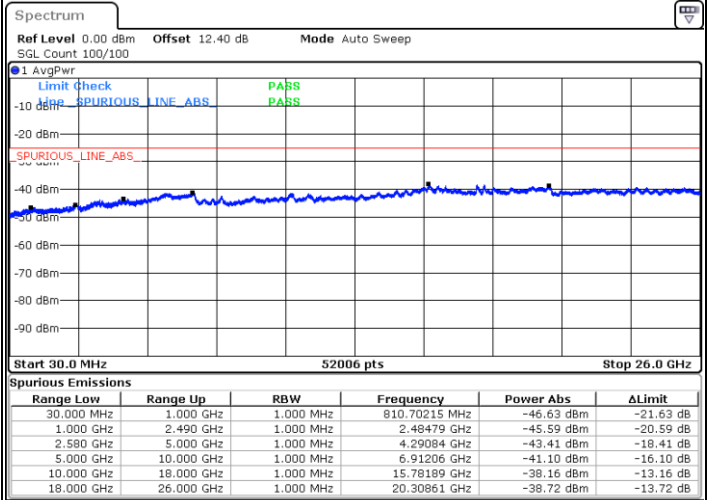
## LTE Band 7 / 15MHz

## Lowest Channel / 64QAM



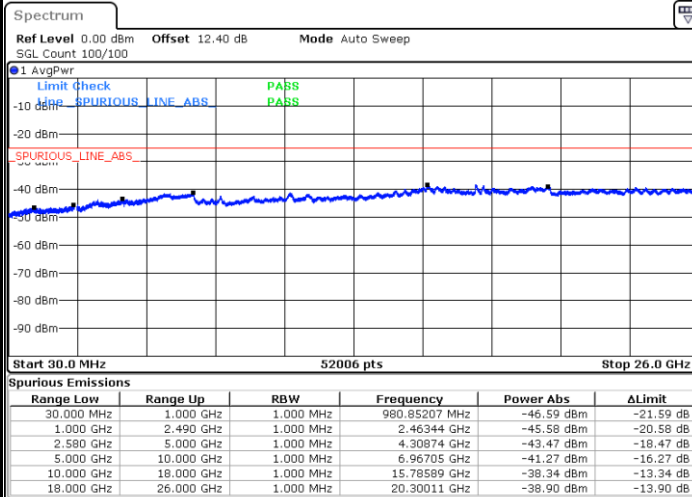
Date: 22.JUN.2020 07:31:17

## Middle Channel / 64QAM



Date: 22.JUN.2020 07:32:06

## Highest Channel / 64QAM



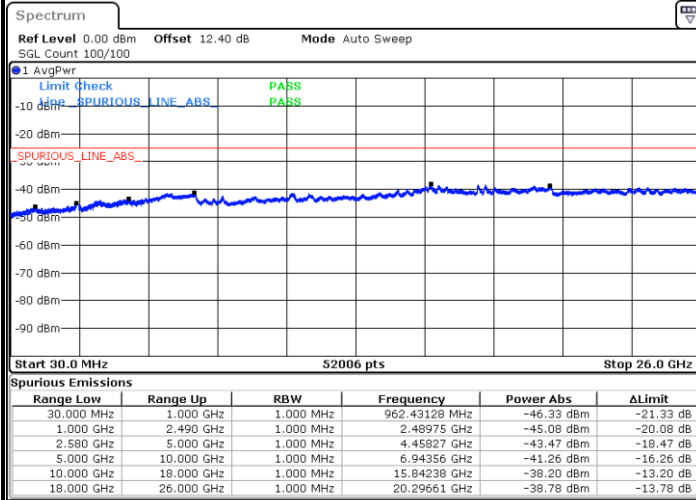
Date: 22.JUN.2020 07:32:55





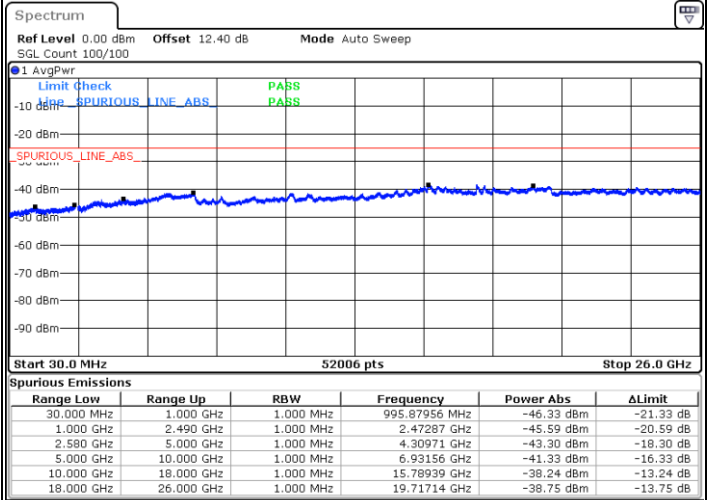
## LTE Band 7 / 20MHz

## Lowest Channel / 64QAM



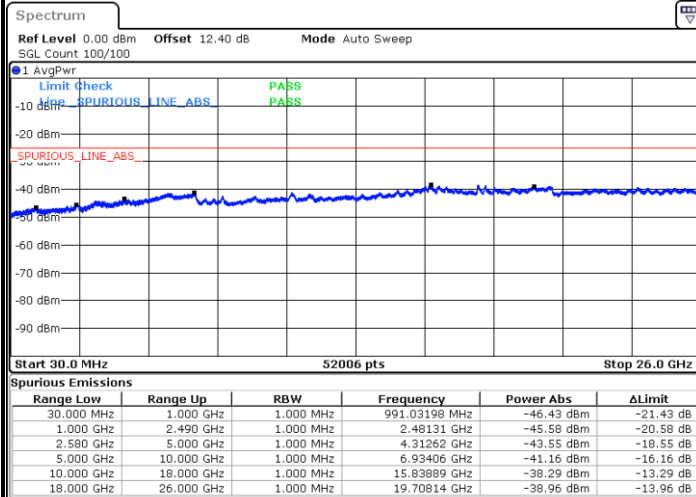
Date: 22 JUN 2020 07:43:37

## Middle Channel / 64QAM



Date: 22 JUN 2020 07:44:26

## Highest Channel / 64QAM



Date: 22 JUN 2020 07:45:15

## 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	0.0005	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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
Lowest CH	29.79	25.13	30.57	34.83
Middle CH	29.91	25.28	30.75	34.90
Highest CH	29.85	25.28	30.33	34.62
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.97	39.72	-
Middle CH	30.09	34.97	39.72	-
Highest CH	30.09	34.90	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.73	25.08	30.33	34.62
Middle CH	29.85	25.13	30.63	34.55
Highest CH	29.85	25.08	30.51	34.62
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.90	39.64	-
Middle CH	29.91	34.90	39.72	-
Highest CH	30.15	34.62	39.72	-

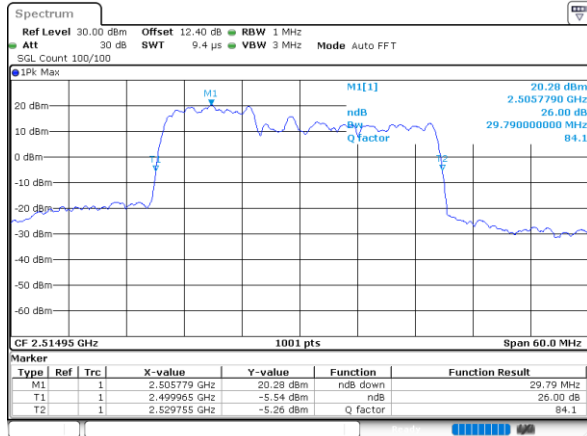
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.03	30.39	34.62
Middle CH	29.73	25.18	30.45	35.04
Highest CH	29.73	25.13	30.39	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.76	39.72	-
Middle CH	29.91	34.90	39.96	-
Highest CH	29.91	34.76	39.56	-



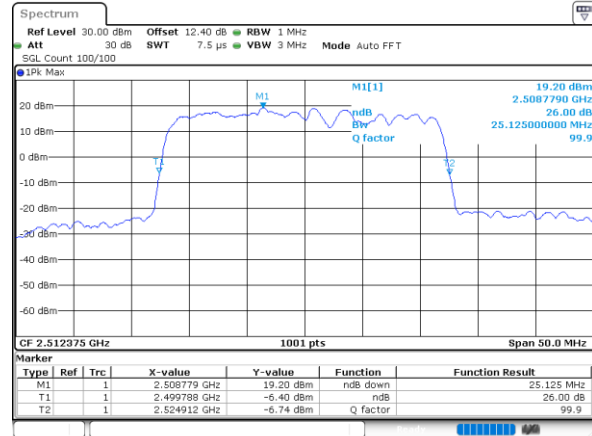
## LTE Band 7C

## QPSK

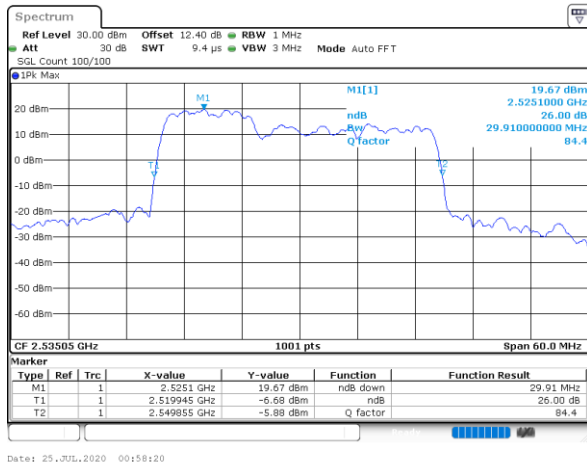
## Lowest Channel / 10MHz+20MHz



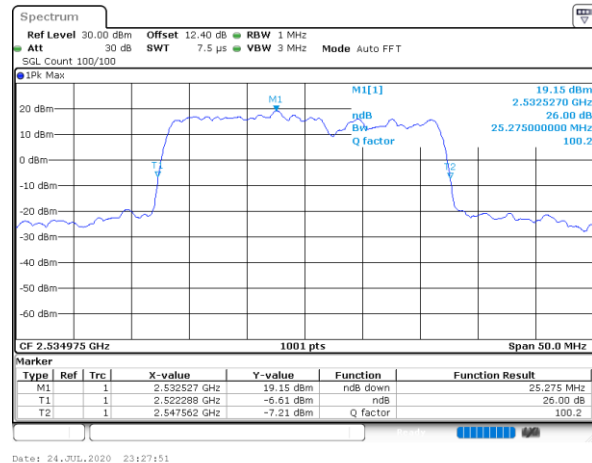
## Lowest Channel / 15MHz+10MHz



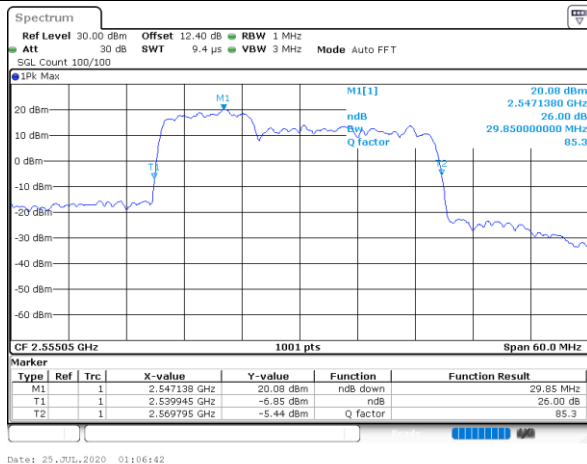
## Middle Channel / 10MHz+20MHz



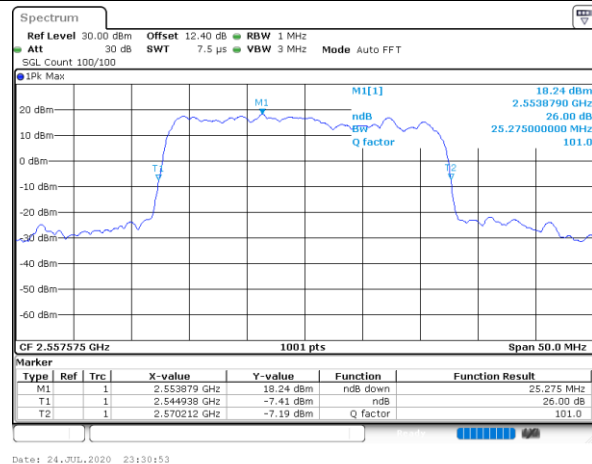
## Middle Channel / 15MHz+10MHz



## Highest Channel / 10MHz+20MHz



## Highest Channel / 15MHz+10MHz

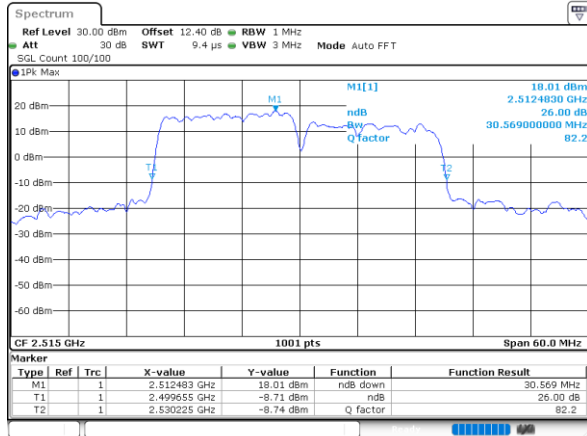




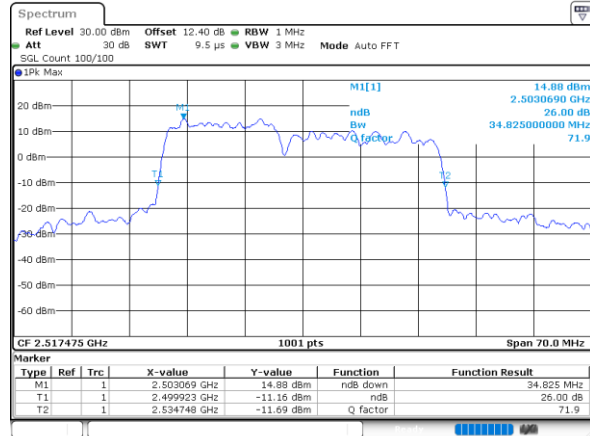
## LTE Band 7C

## QPSK

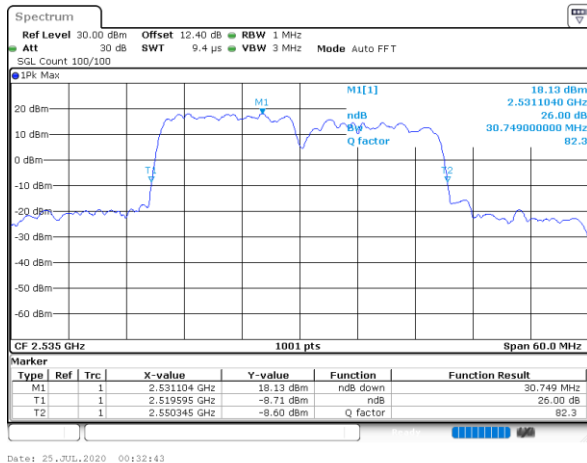
## Lowest Channel / 15MHz+15MHz



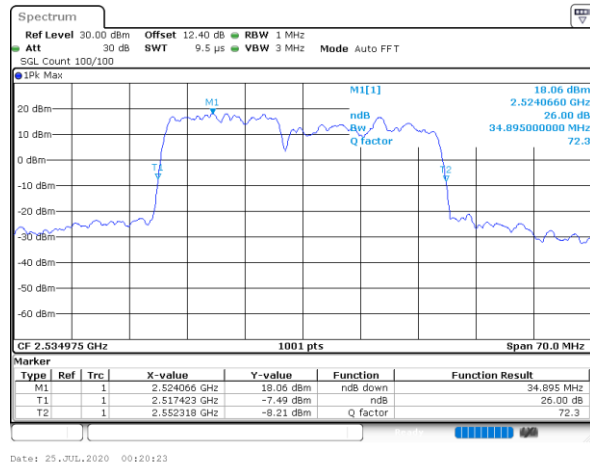
## Lowest Channel / 15MHz+20MHz



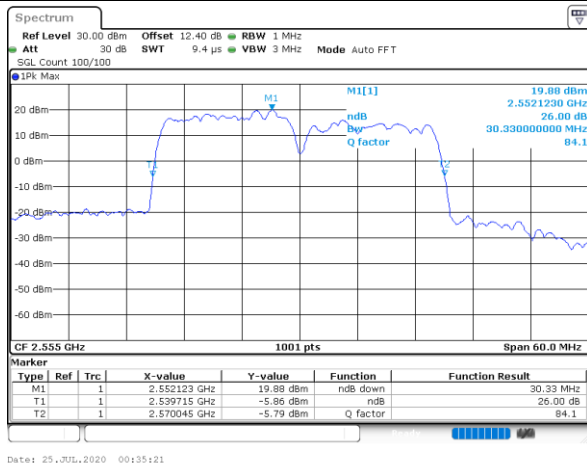
## Middle Channel / 15MHz+15MHz



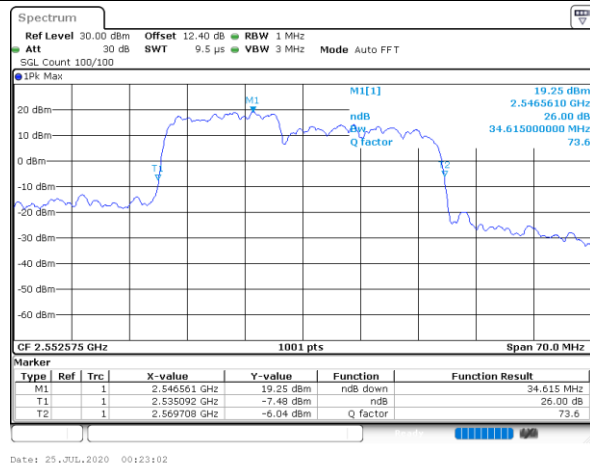
## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

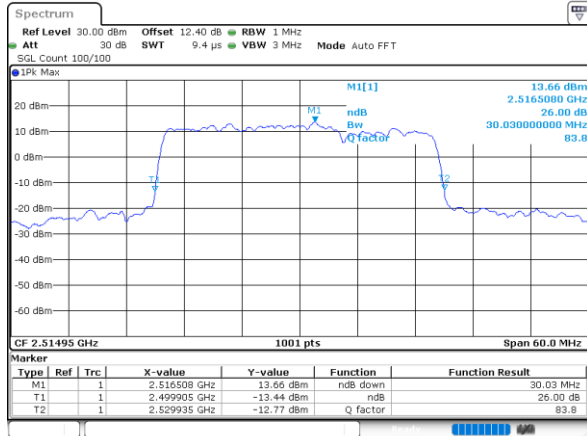




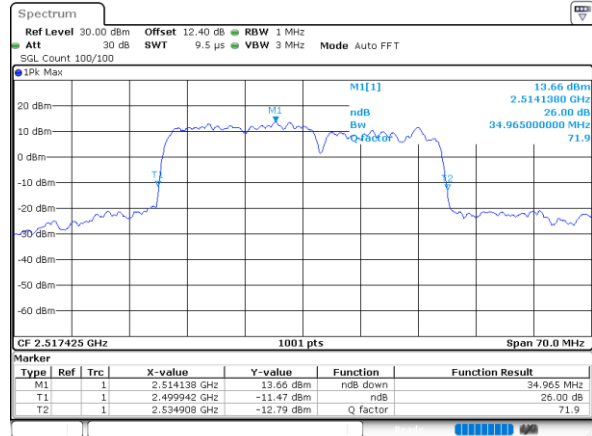
## LTE Band 7C

## QPSK

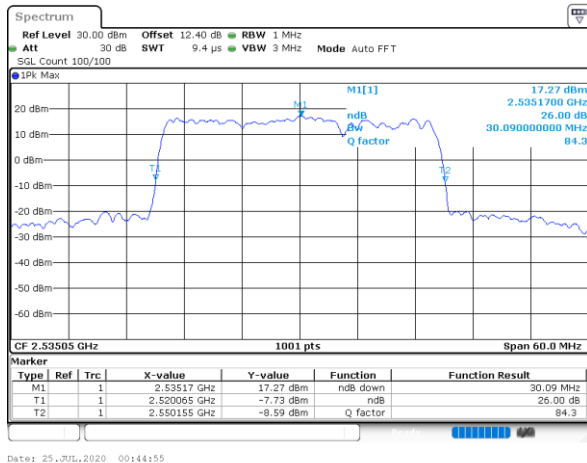
## Lowest Channel / 20MHz+10MHz



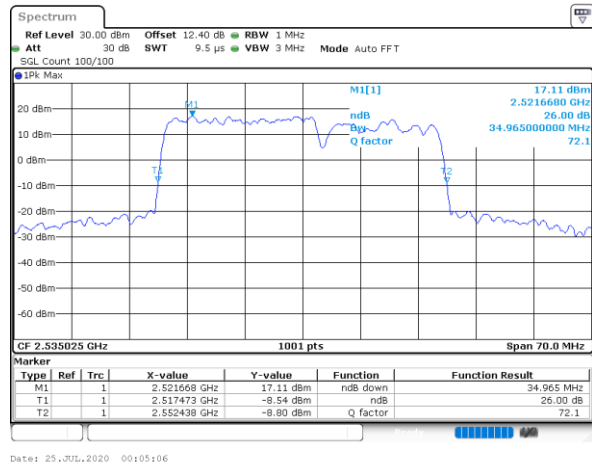
## Lowest Channel / 20MHz+15MHz



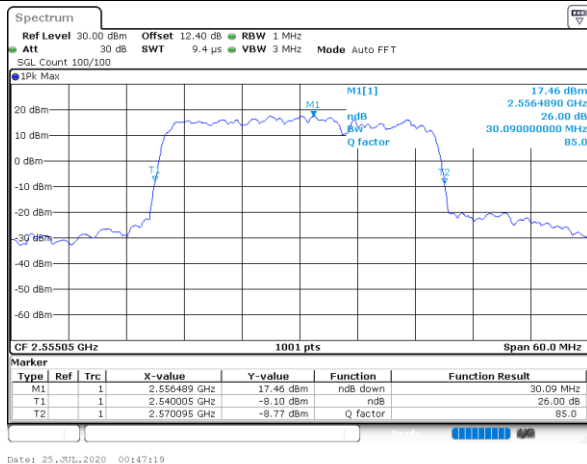
## Middle Channel / 20MHz+10MHz



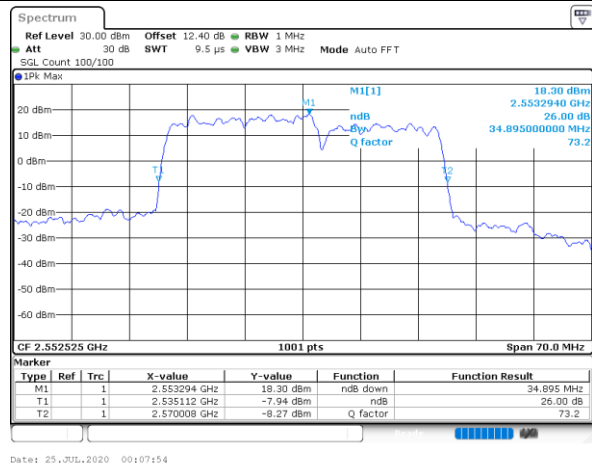
## Middle Channel / 20MHz+15MHz



## Highest Channel / 20MHz+10MHz



## Highest Channel / 20MHz+15MHz



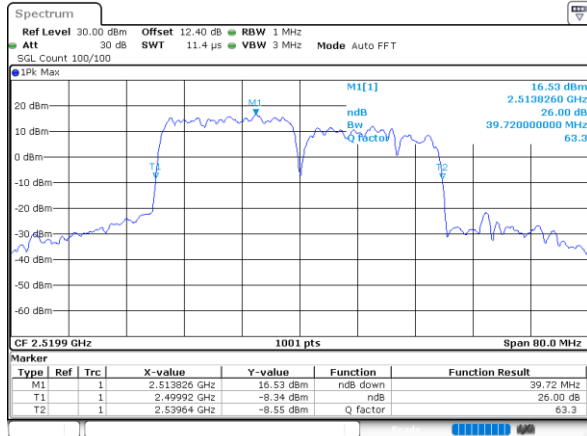


## LTE Band 7C

## QPSK

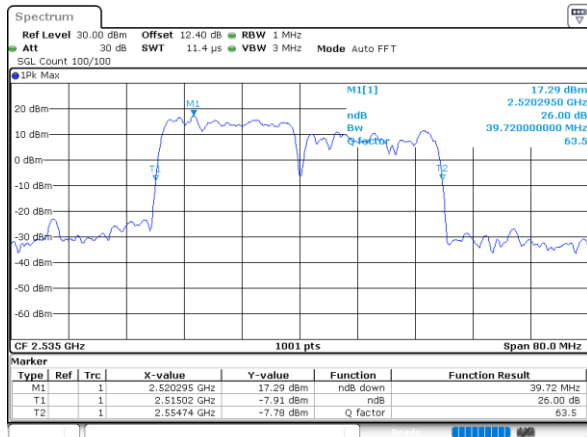
## Lowest Channel / 20MHz+20MHz

N/A



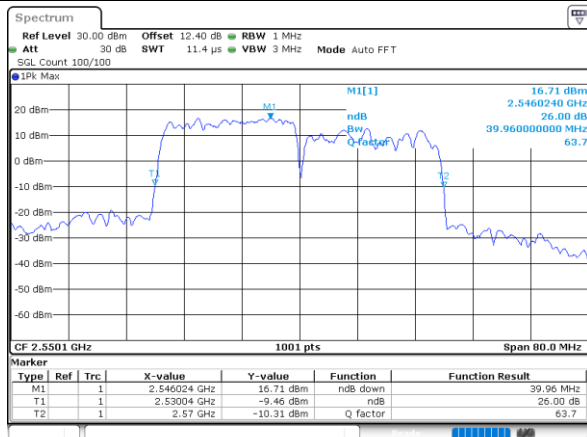
## Middle Channel / 20MHz+20MHz

N/A



## Highest Channel / 20MHz+20MHz

N/A

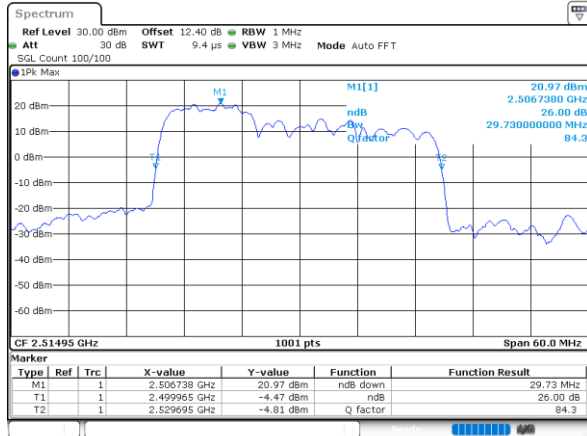




## LTE Band 7C

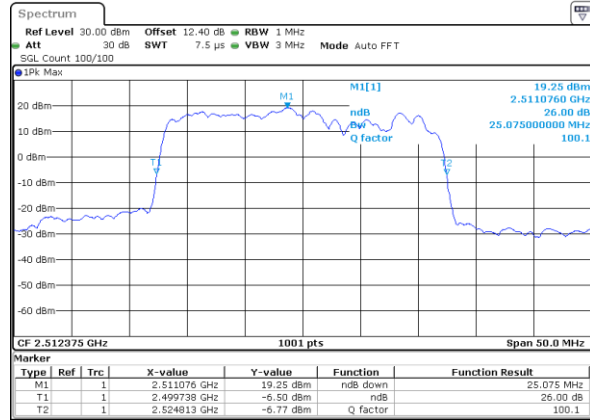
## 16QAM

## Lowest Channel / 10MHz+20MHz



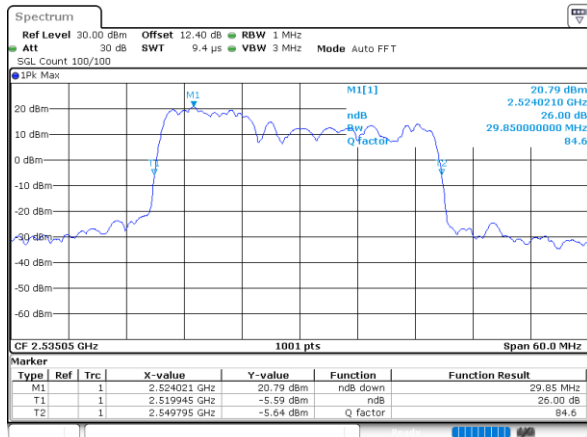
Date: 25.JUL.2020 00:54:10

## Lowest Channel / 15MHz+10MHz



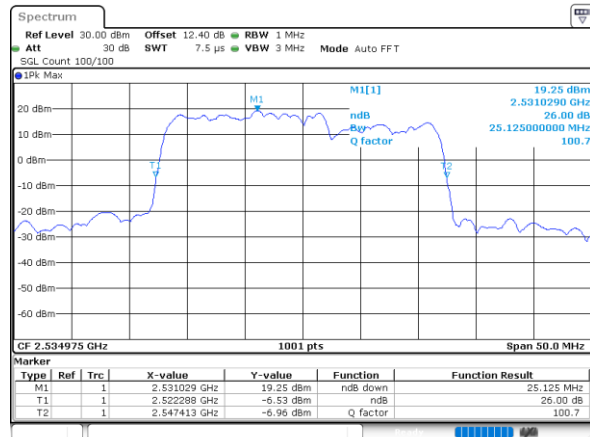
Date: 24.JUL.2020 23:24:22

## Middle Channel / 10MHz+20MHz



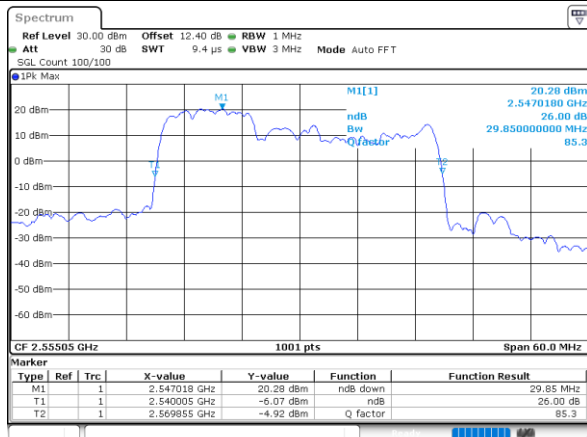
Date: 25.JUL.2020 00:57:57

## Middle Channel / 15MHz+10MHz



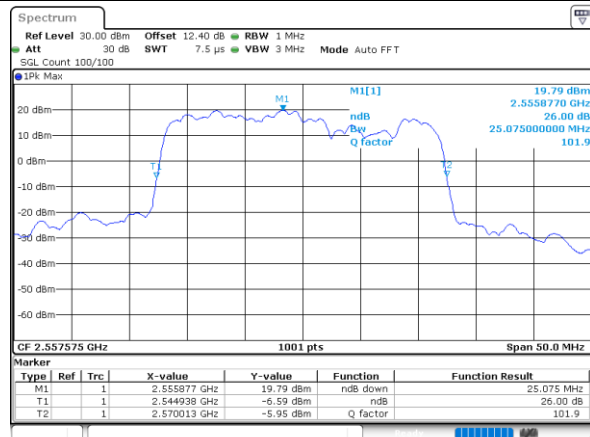
Date: 24.JUL.2020 23:27:28

## Highest Channel / 10MHz+20MHz



Date: 25.JUL.2020 01:05:18

## Highest Channel / 15MHz+10MHz



Date: 24.JUL.2020 23:31:16

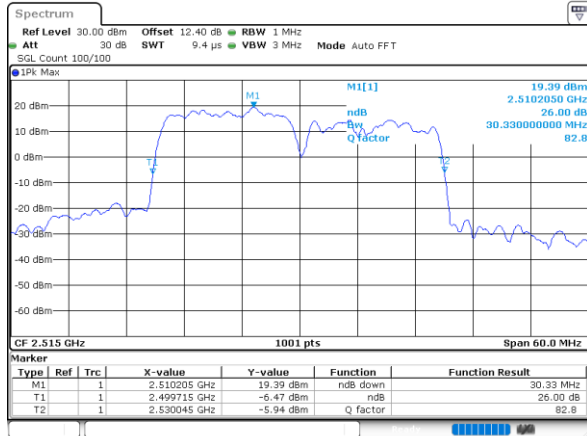




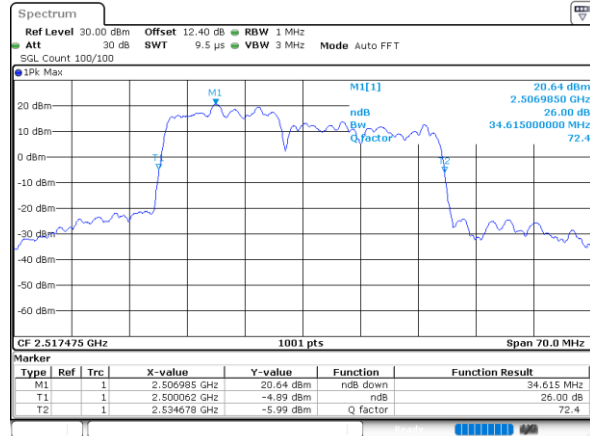
## LTE Band 7C

## 16QAM

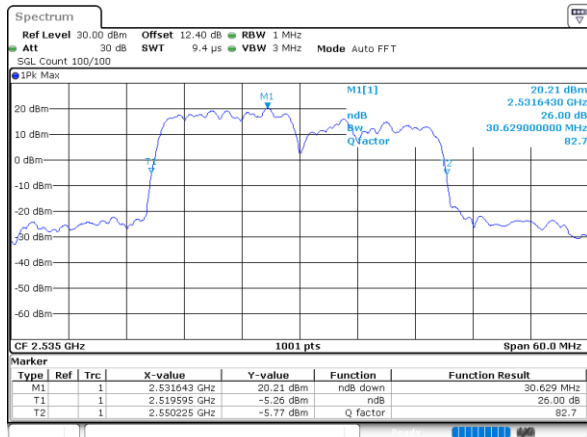
## Lowest Channel / 15MHz+15MHz



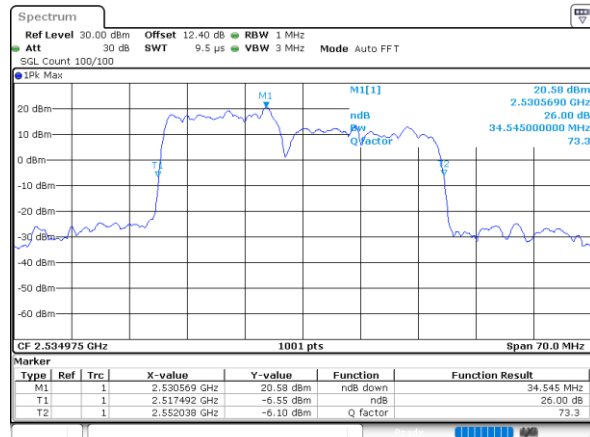
## Lowest Channel / 15MHz+20MHz



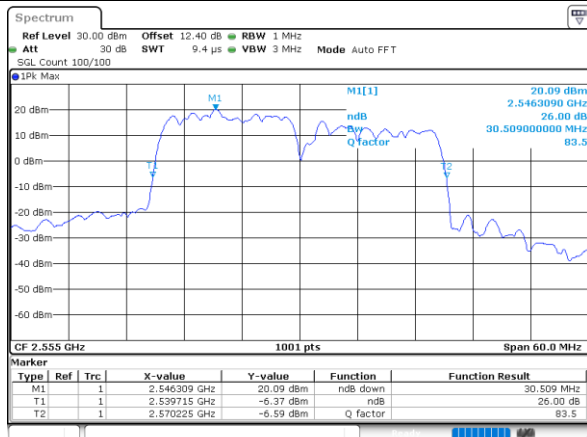
## Middle Channel / 15MHz+15MHz



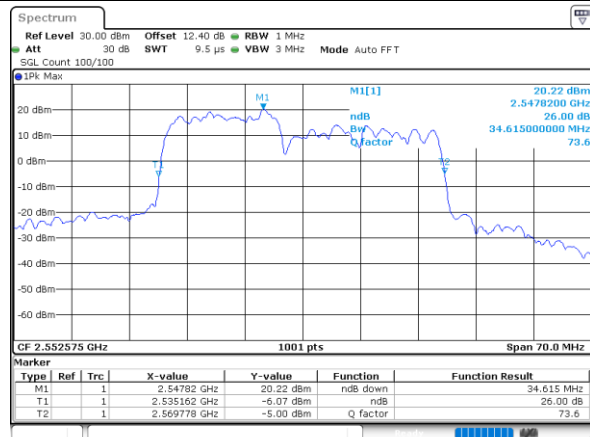
## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

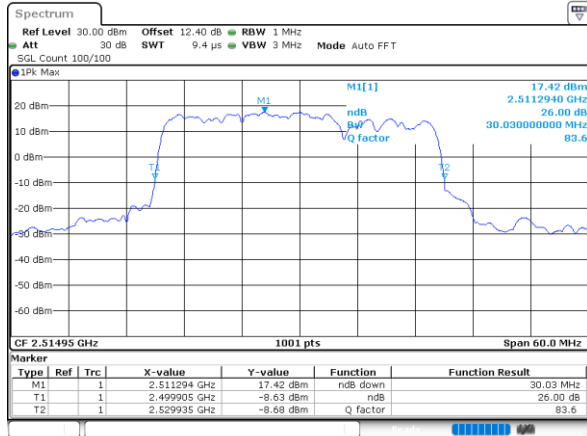




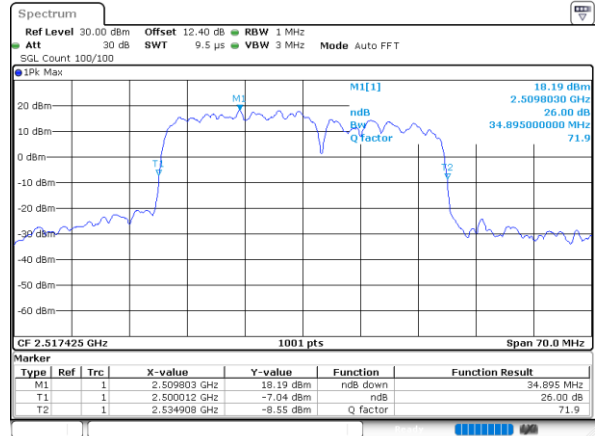
## LTE Band 7C

## 16QAM

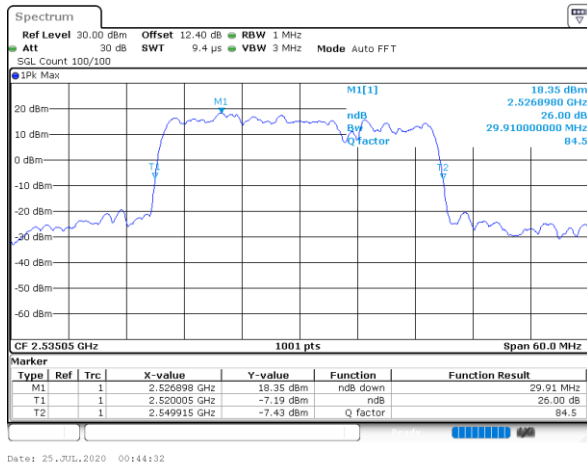
## Lowest Channel / 20MHz+10MHz



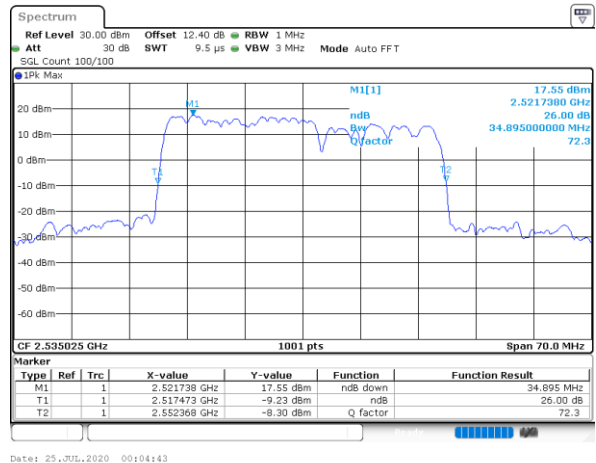
## Lowest Channel / 20MHz+15MHz



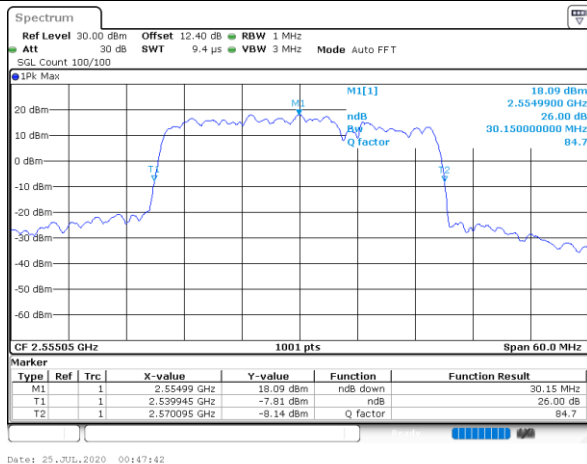
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Highest Channel / 20MHz+10MHz



## Highest Channel / 20MHz+15MHz

