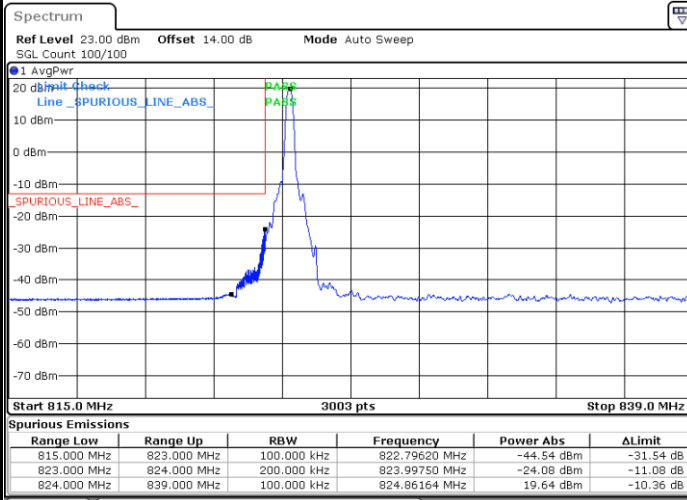




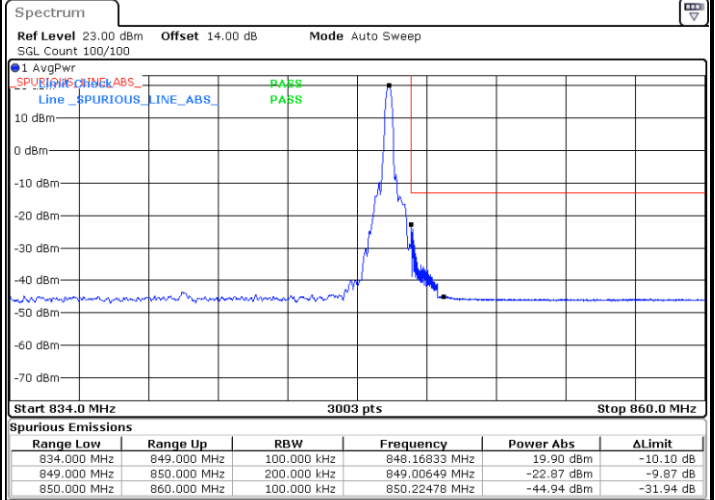
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



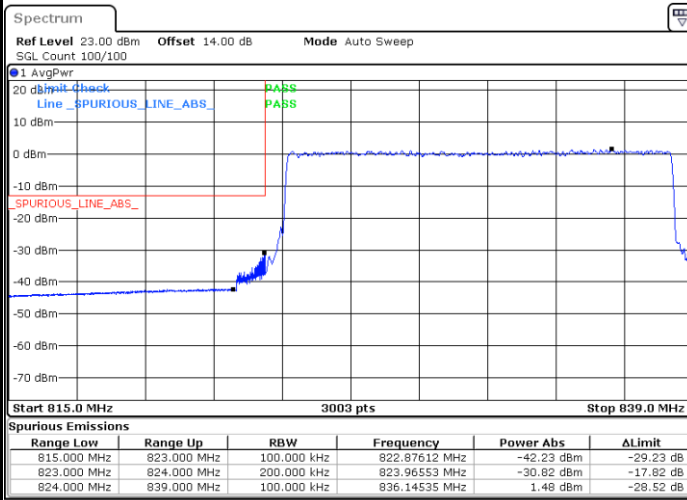
Date: 27.MAY.2024 04:49:17

Highest Band Edge / 1 RB



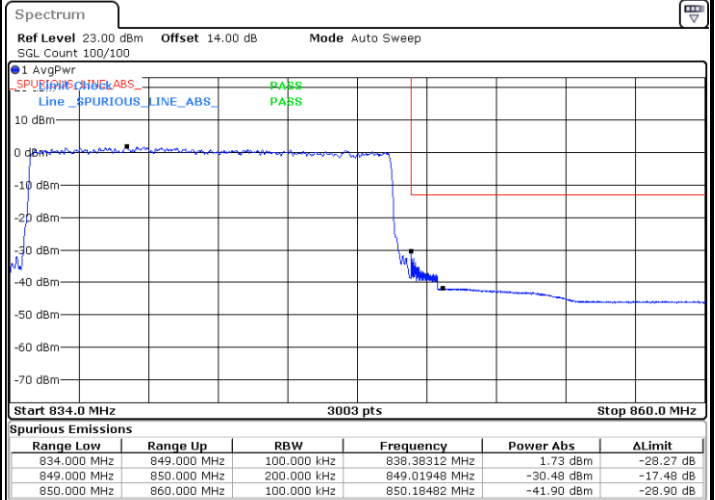
Date: 27.MAY.2024 05:01:08

Lowest Band Edge / Full RB



Date: 27.MAY.2024 04:50:24

Highest Band Edge / Full RB



Date: 27.MAY.2024 05:02:15

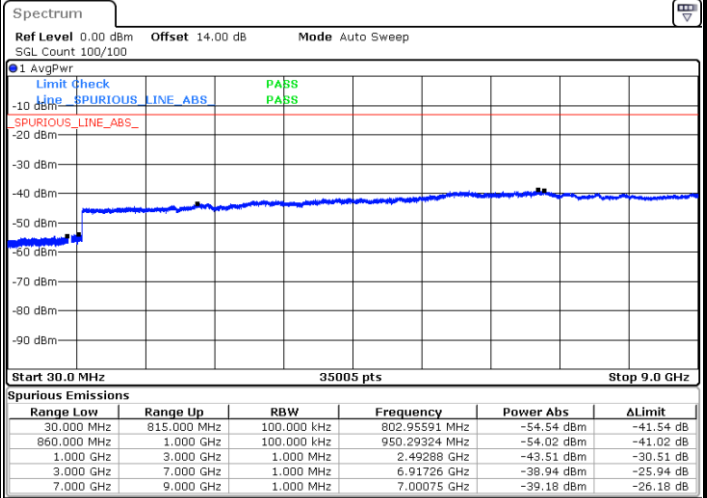
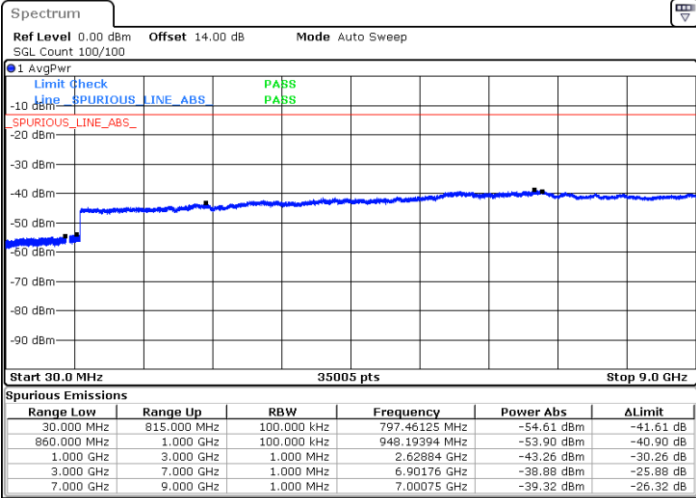


# Conducted Spurious Emission

## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

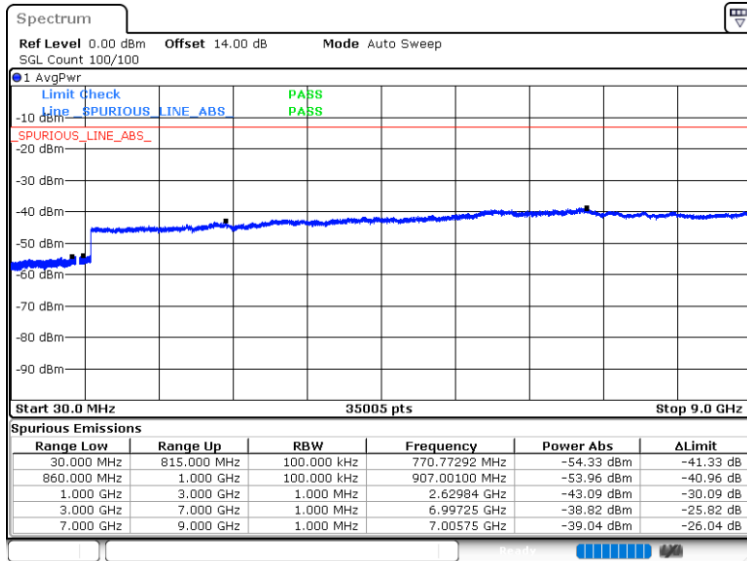
### Middle Channel / QPSK



Date: 27.MAY.2024 03:38:30

Date: 27.MAY.2024 03:39:40

### Highest Channel / QPSK



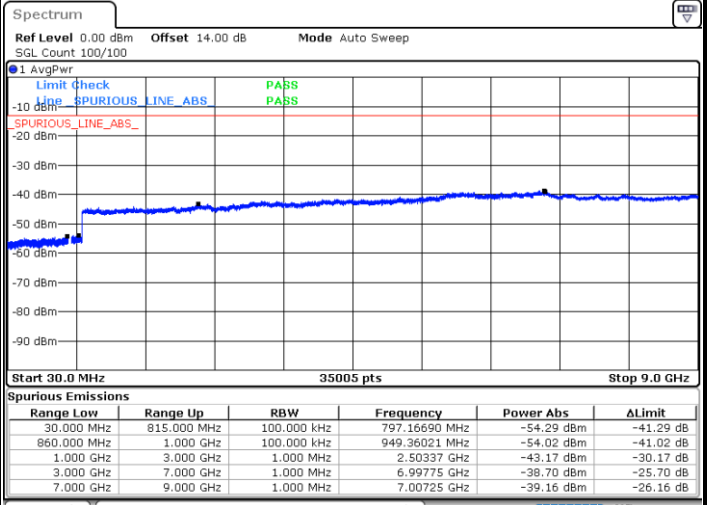
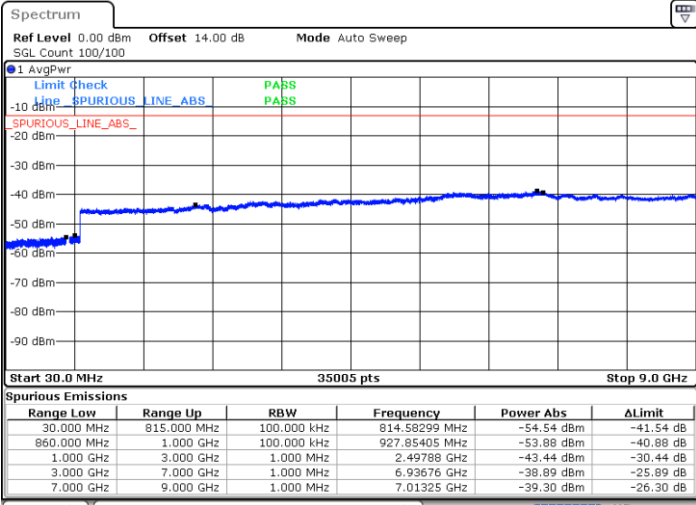
Date: 27.MAY.2024 03:48:58



LTE Band 26 / 3MHz

Lowest Channel / QPSK

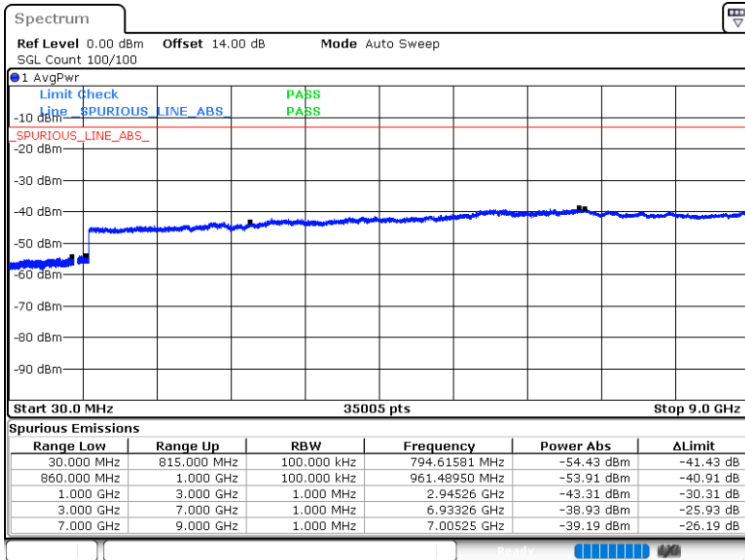
Middle Channel / QPSK



Date: 27.MAY.2024 03:56:57

Date: 27.MAY.2024 03:58:07

Highest Channel / QPSK



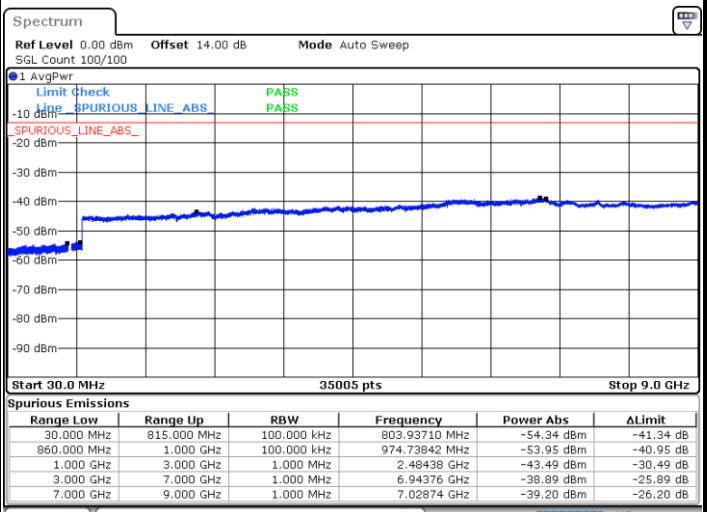
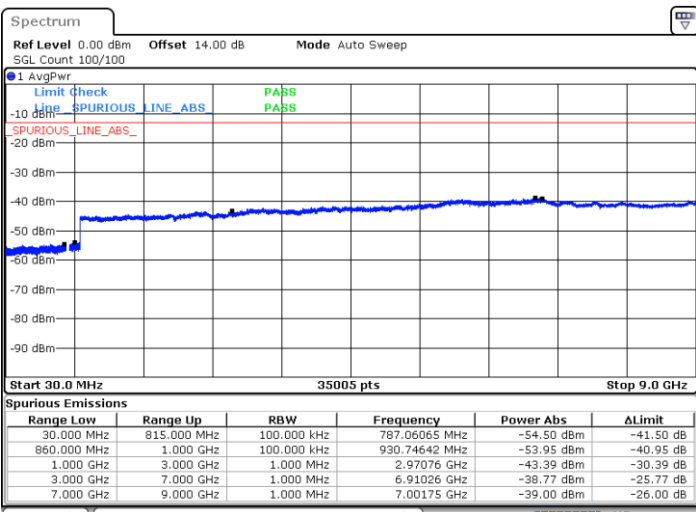
Date: 27.MAY.2024 04:07:26



LTE Band 26 / 5MHz

Lowest Channel / QPSK

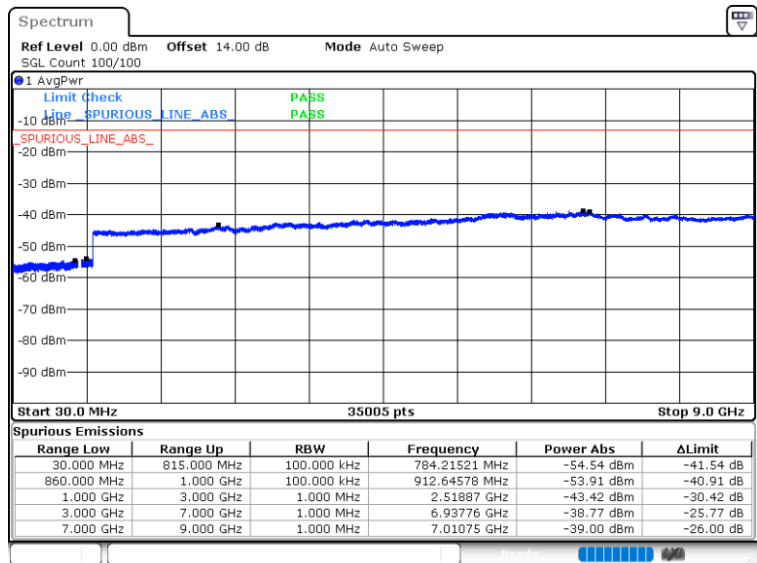
Middle Channel / QPSK



Date: 27.MAY.2024 04:17:00

Date: 27.MAY.2024 04:18:10

Highest Channel / QPSK



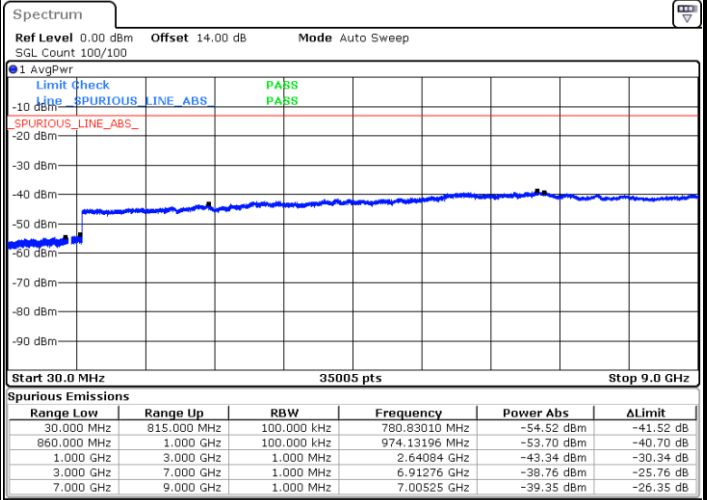
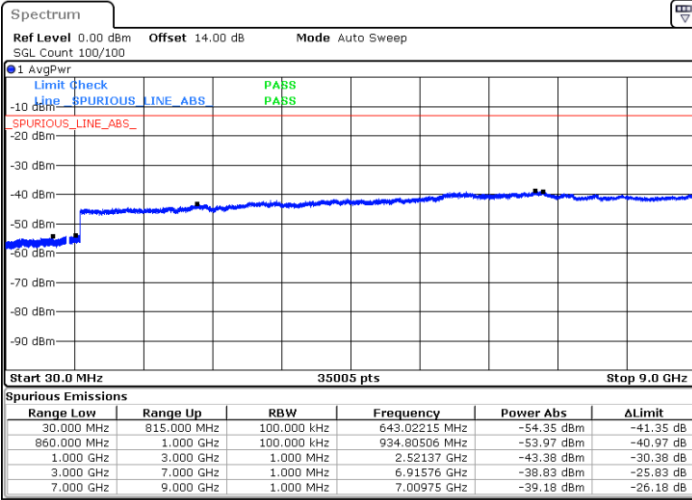
Date: 27.MAY.2024 04:27:28



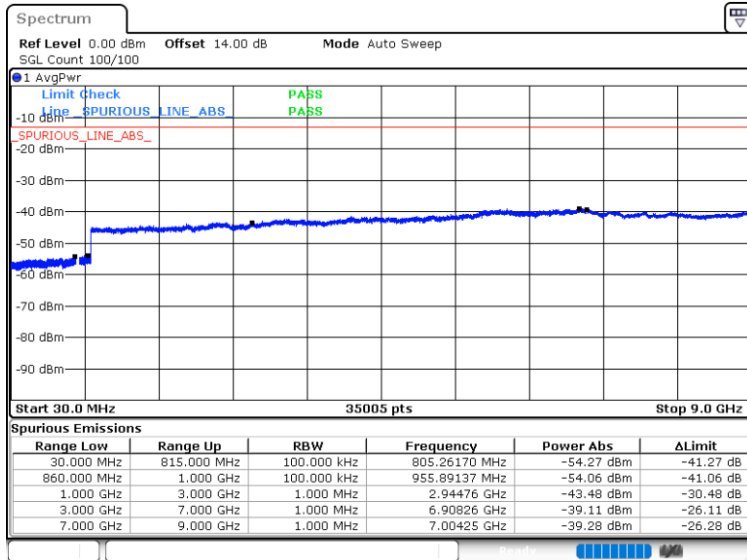
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

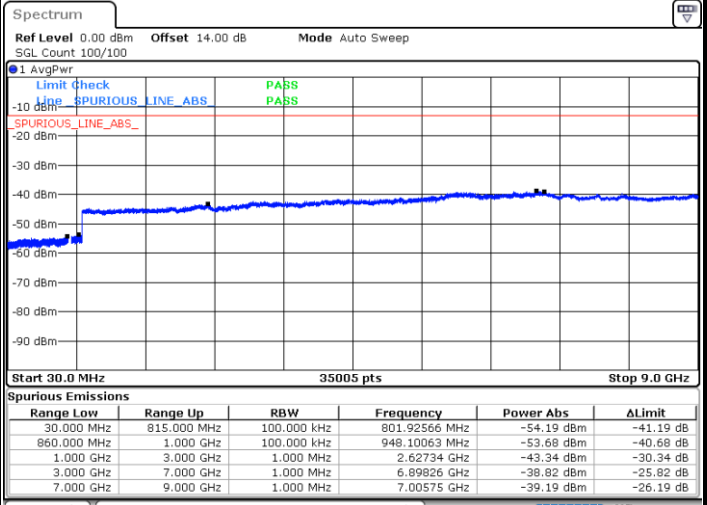
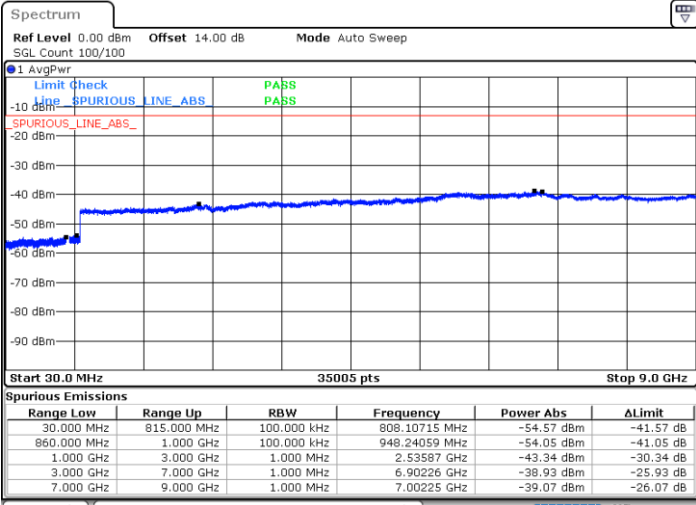




LTE Band 26 / 15MHz

Lowest Channel / QPSK

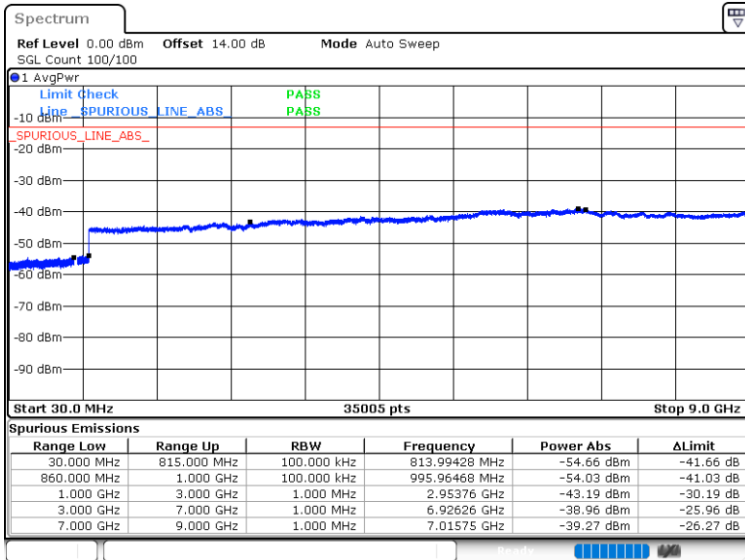
Middle Channel / QPSK



Date: 27.MAY.2024 04:53:49

Date: 27.MAY.2024 04:54:59

Highest Channel / QPSK



Date: 27.MAY.2024 05:05:42



### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

**Note:**

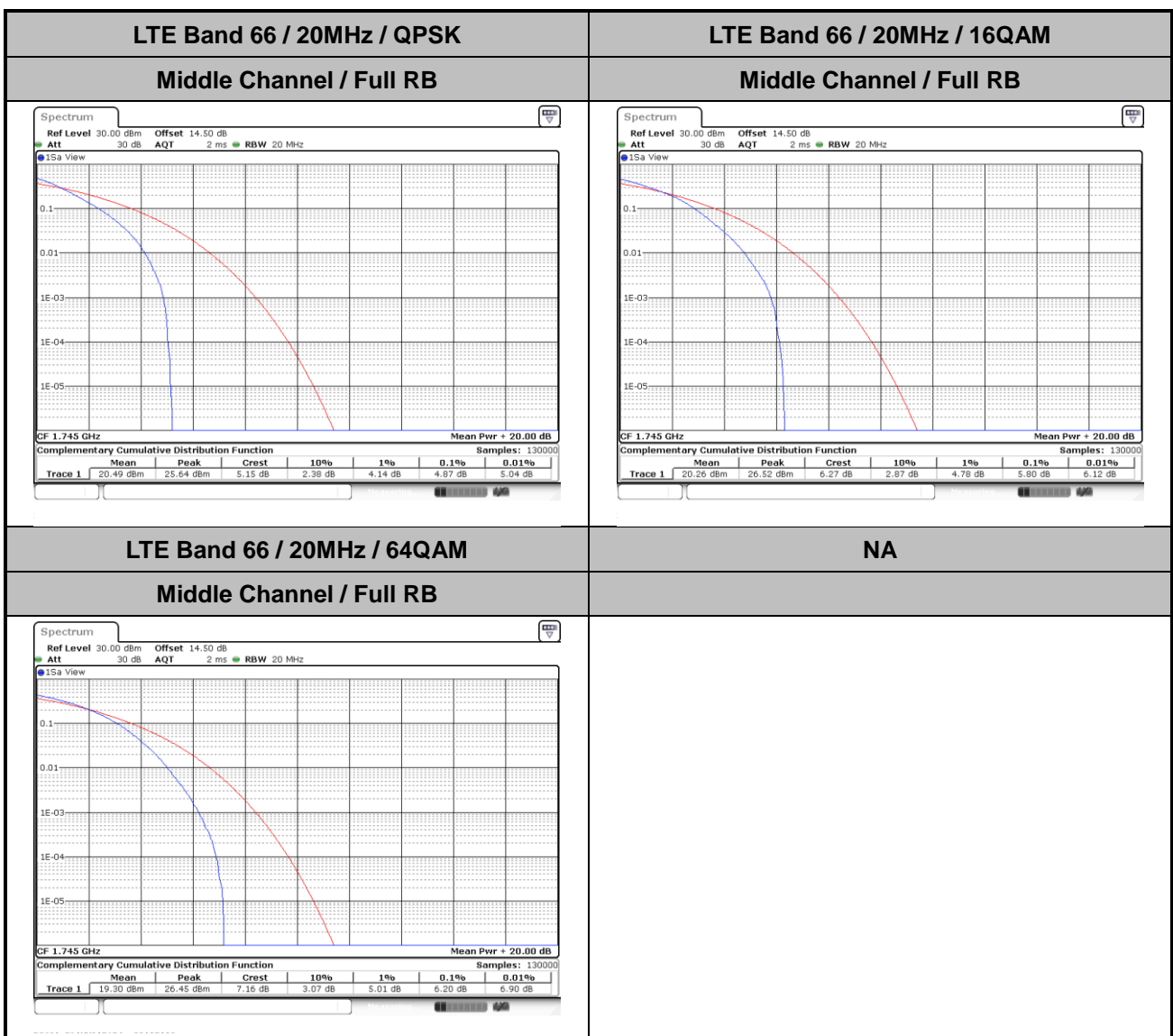
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 66

## Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.80	6.20	PASS







# 26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.34	3.07	3.05	5.12	4.95	9.79	9.73	14.60	14.66	18.94	19.06

### LTE Band 66

#### Middle Channel / 1.4MHz / QPSK

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.7454923 GHz	16.25 dBm	ndB down	1.2783 MHz
T1	1		1.7443706 GHz	-9.82 dBm	ndB	26.00 dB
T2	1		1.7456549 GHz	-9.66 dBm	Q factor	1365.5

#### Middle Channel / 1.4MHz / 16QAM

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.7449748 GHz	15.56 dBm	ndB down	1.3427 MHz
T1	1		1.7443119 GHz	-10.50 dBm	ndB	26.00 dB
T2	1		1.7456545 GHz	-10.43 dBm	Q factor	1299.6

#### Middle Channel / 3MHz / QPSK

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.7447483 GHz	16.61 dBm	ndB down	3.0689 MHz
T1	1		1.7434476 GHz	-9.32 dBm	ndB	26.00 dB
T2	1		1.7465165 GHz	-9.37 dBm	Q factor	568.5

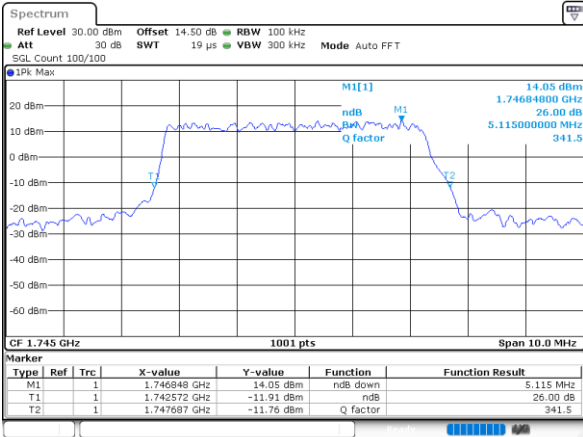
#### Middle Channel / 3MHz / 16QAM

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.7437532 GHz	16.50 dBm	ndB down	3.045 MHz
T1	1		1.7434715 GHz	-9.76 dBm	ndB	26.00 dB
T2	1		1.7465165 GHz	-9.52 dBm	Q factor	572.7

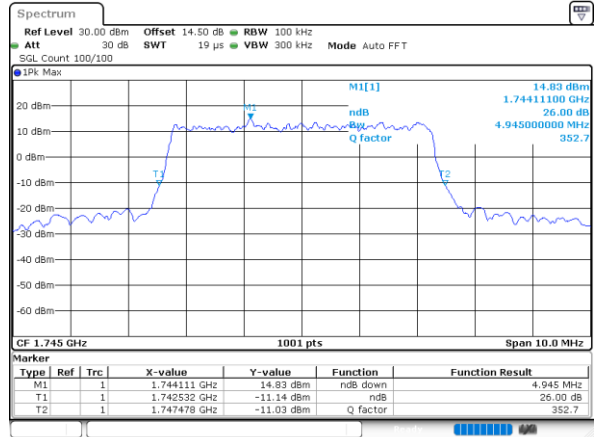
Date: 29.MAY.2024 11:52:31



Middle Channel / 5MHz / QPSK

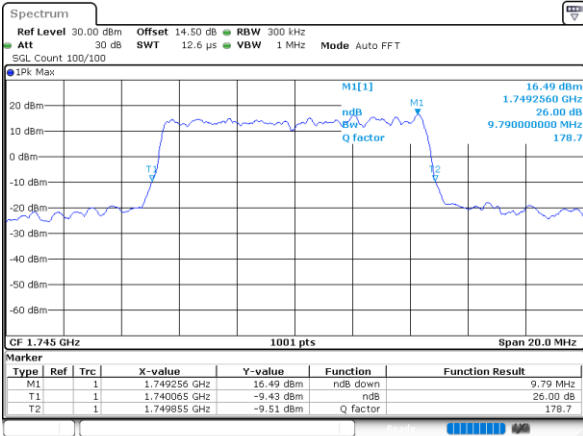


Middle Channel / 5MHz / 16QAM

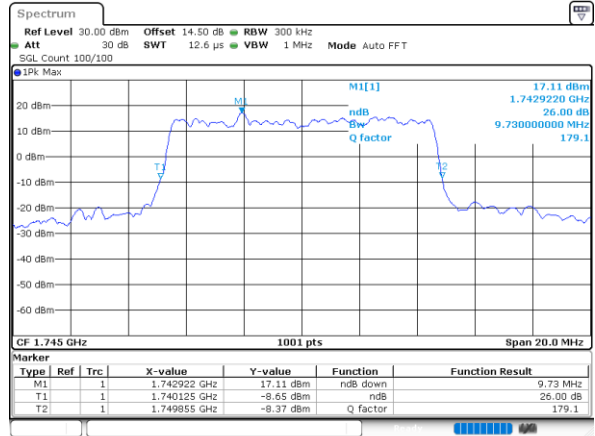


LTE Band 66

Middle Channel / 10MHz / QPSK

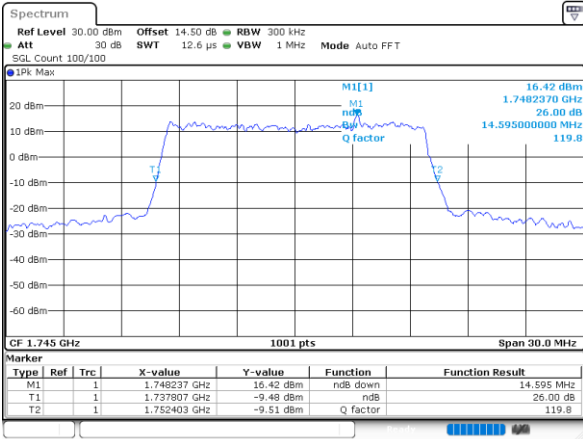


Middle Channel / 10MHz / 16QAM

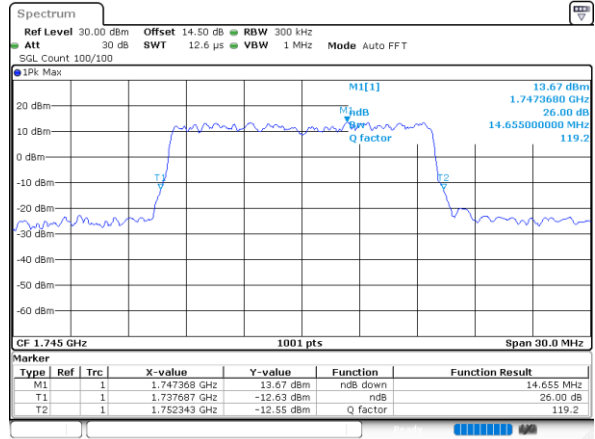




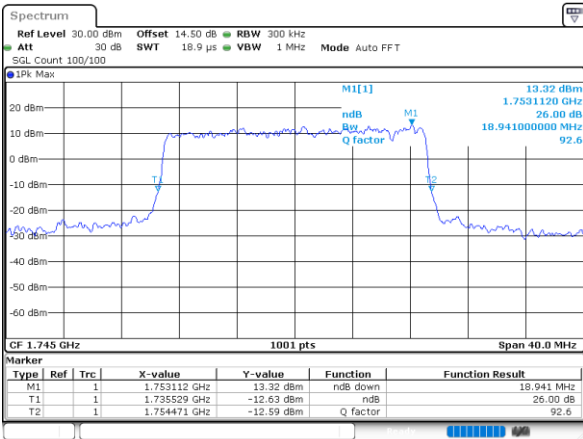
Middle Channel / 15MHz / QPSK



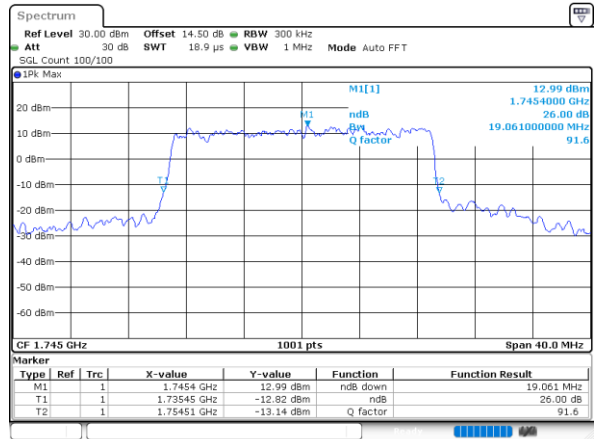
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



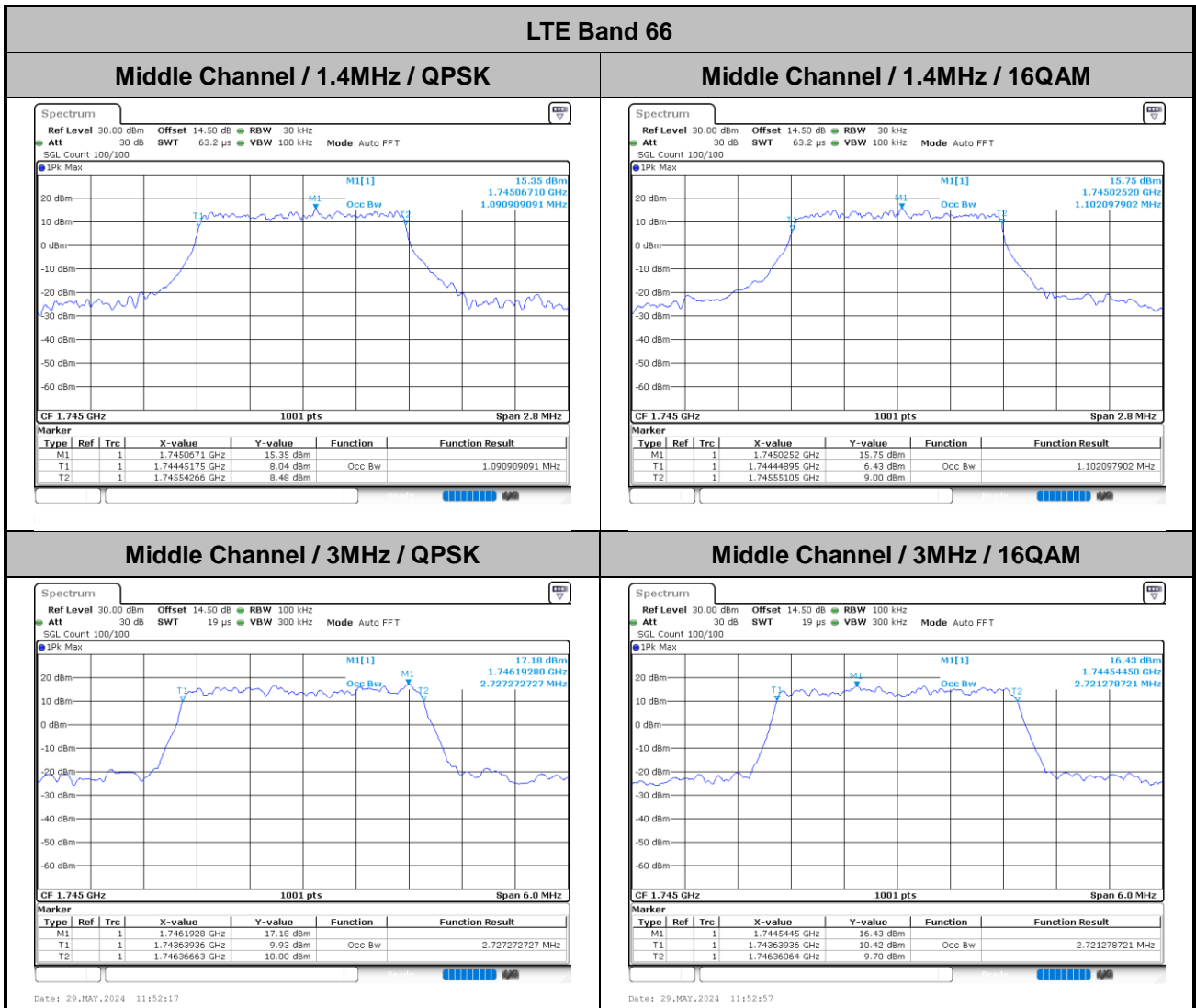
Middle Channel / 20MHz / 16QAM





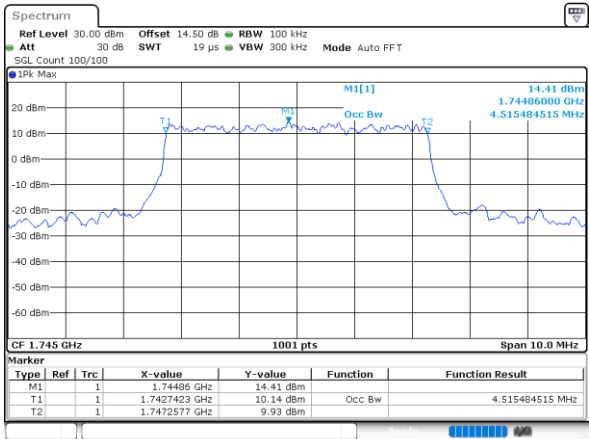
# Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.73	2.72	4.52	4.51	9.07	9.03	13.46	13.49	17.82	17.86

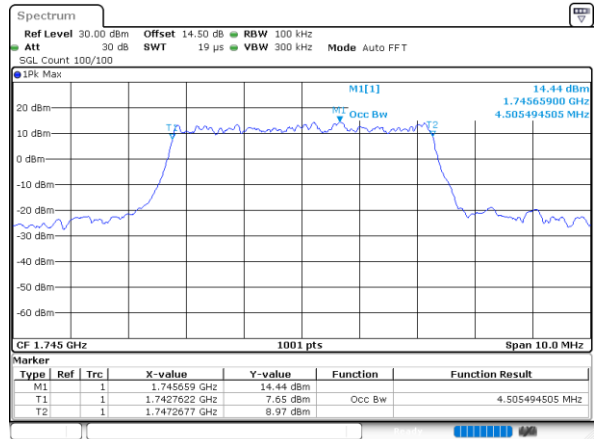




Middle Channel / 5MHz / QPSK

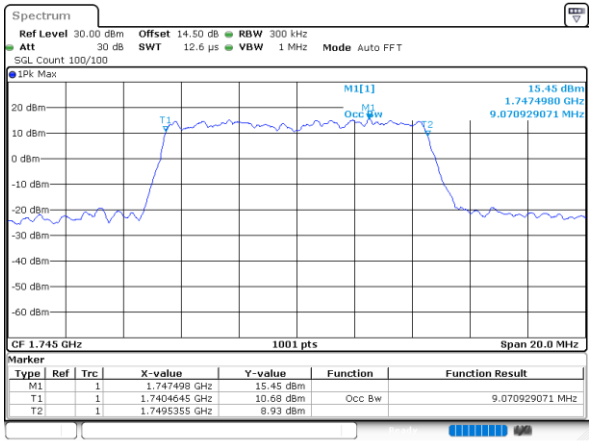


Middle Channel / 5MHz / 16QAM

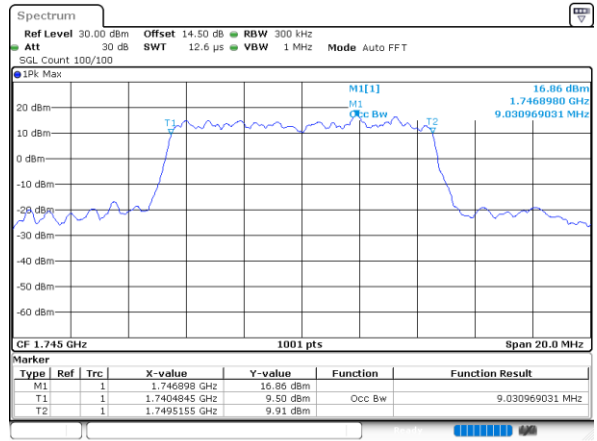


LTE Band 66

Middle Channel / 10MHz / QPSK

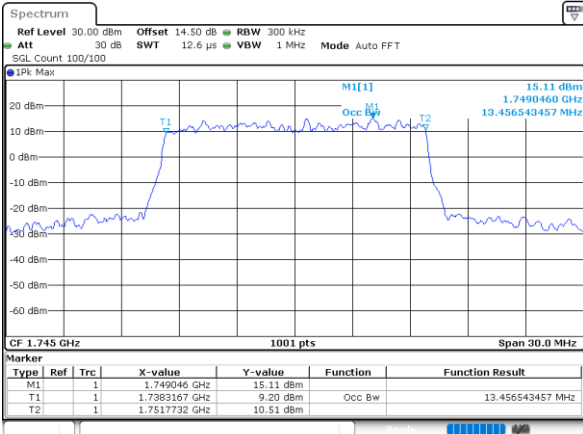


Middle Channel / 10MHz / 16QAM

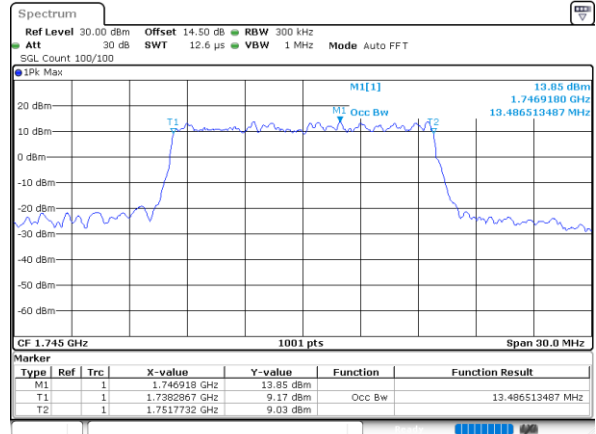




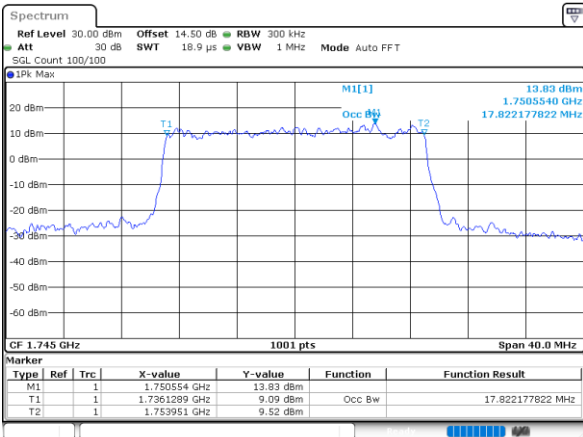
Middle Channel / 15MHz / QPSK



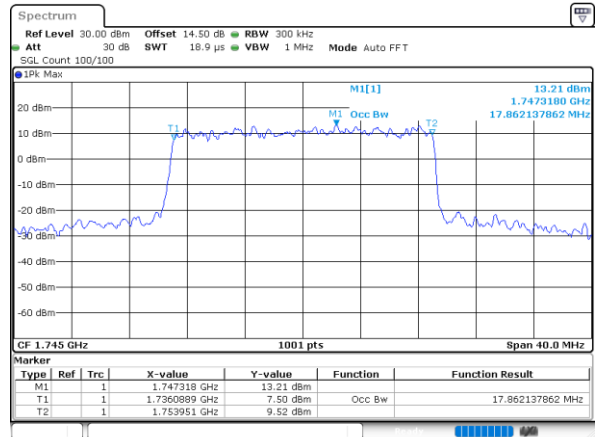
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

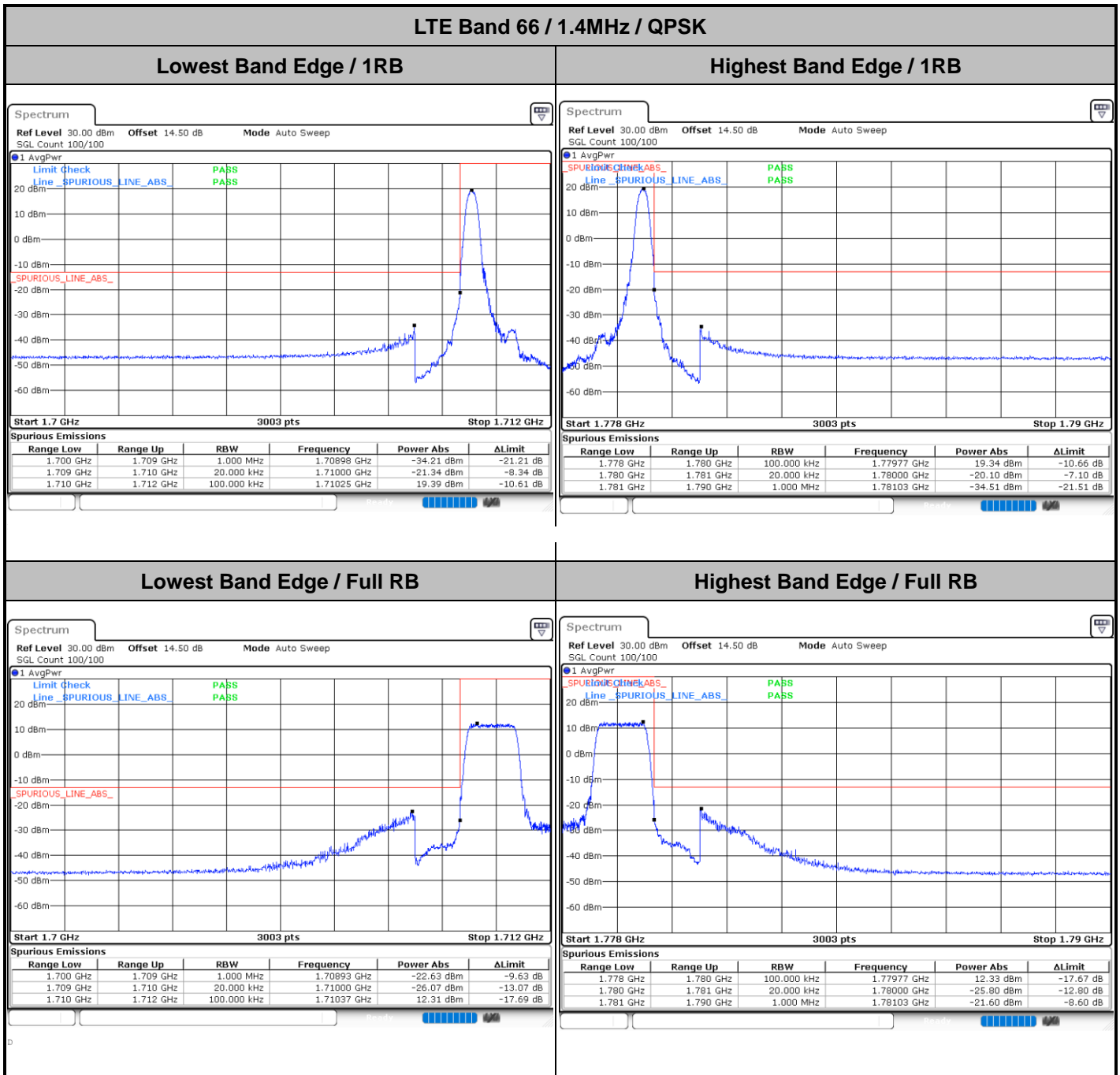


Middle Channel / 20MHz / 16QAM





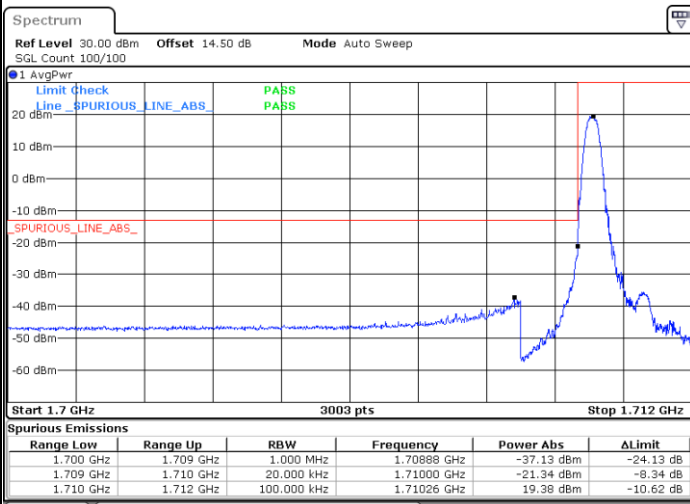
# Conducted Band Edge



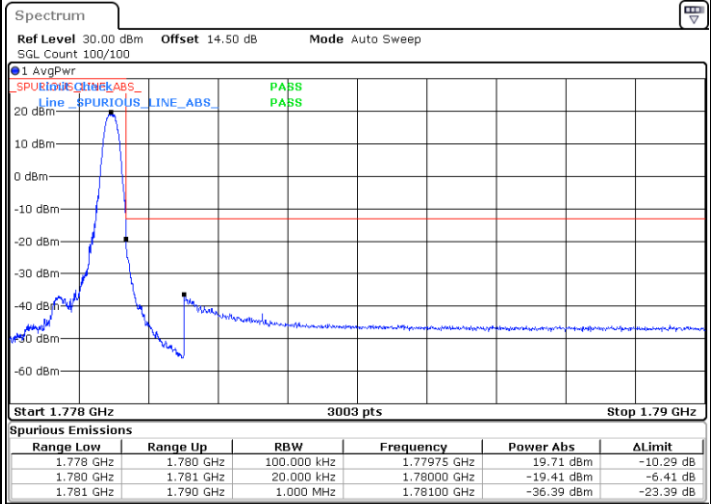


LTE Band 66 / 1.4MHz / 16QAM

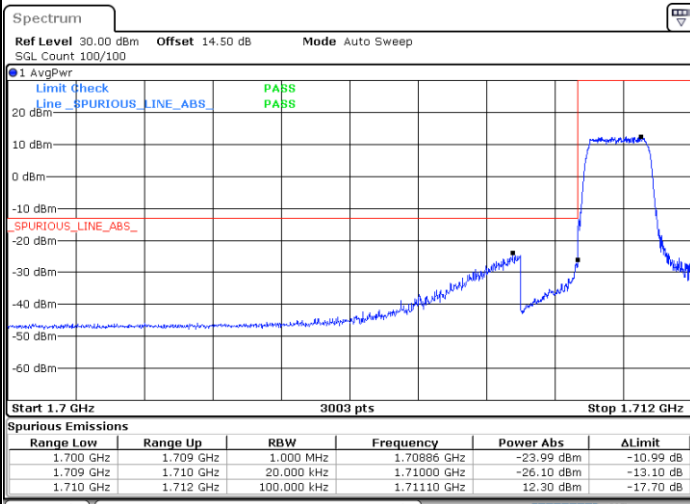
Lowest Band Edge / 1 RB



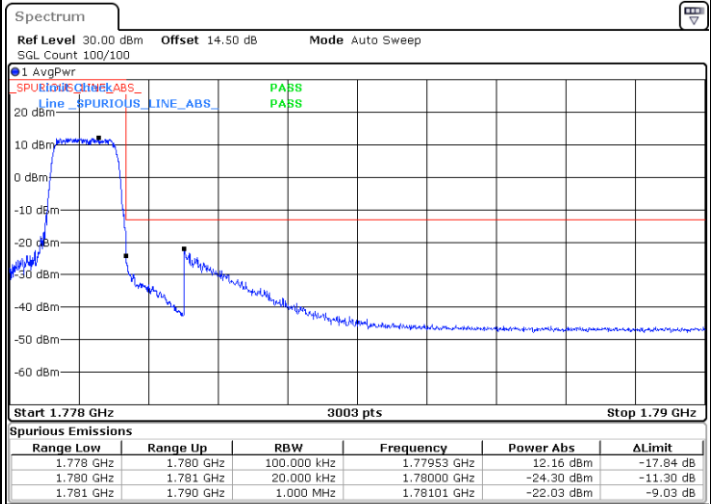
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

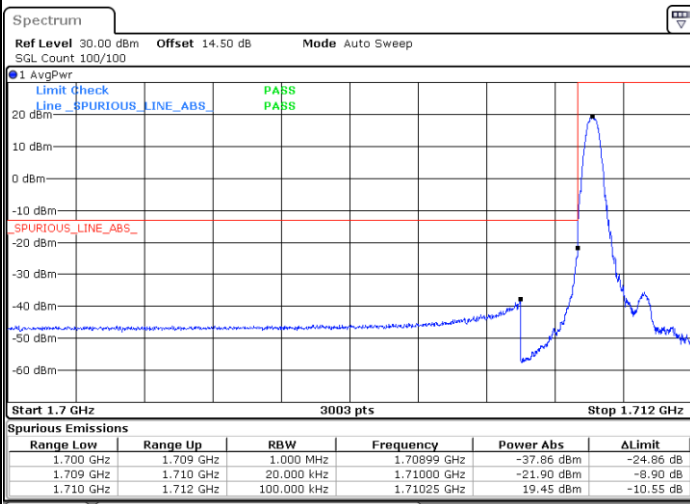




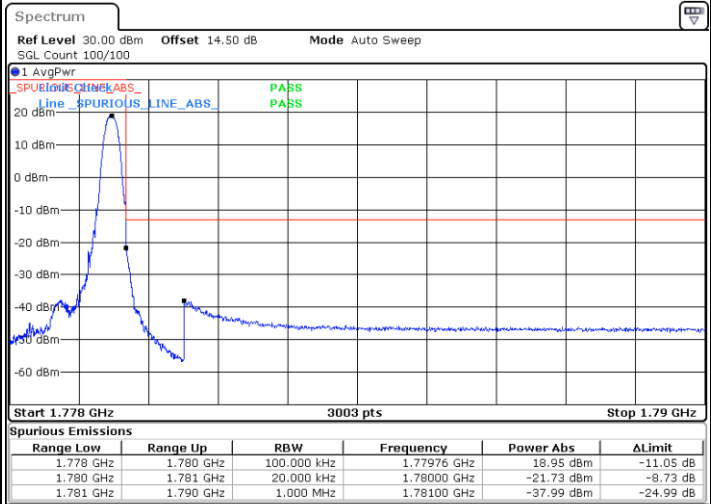


LTE Band 66 / 1.4MHz / 64QAM

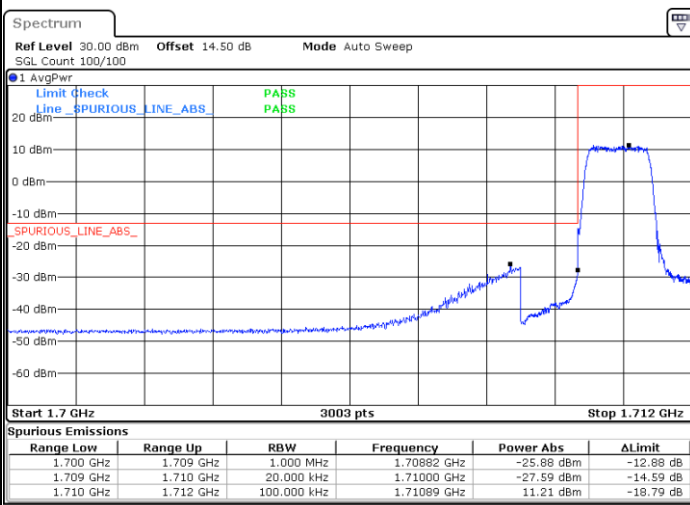
Lowest Band Edge / 1 RB



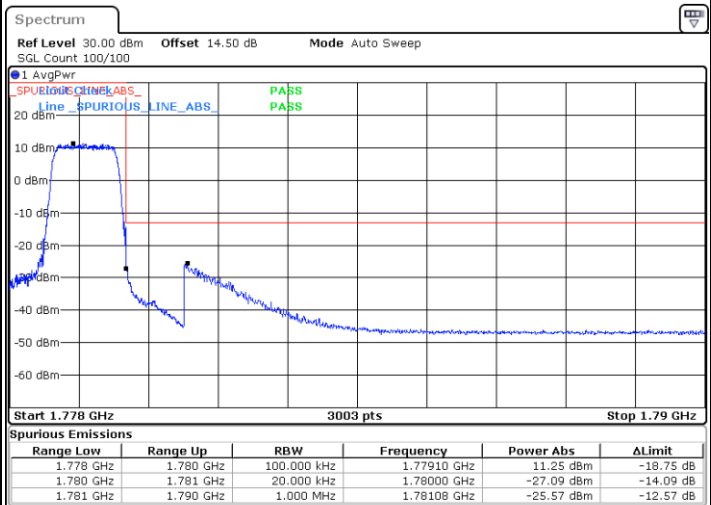
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

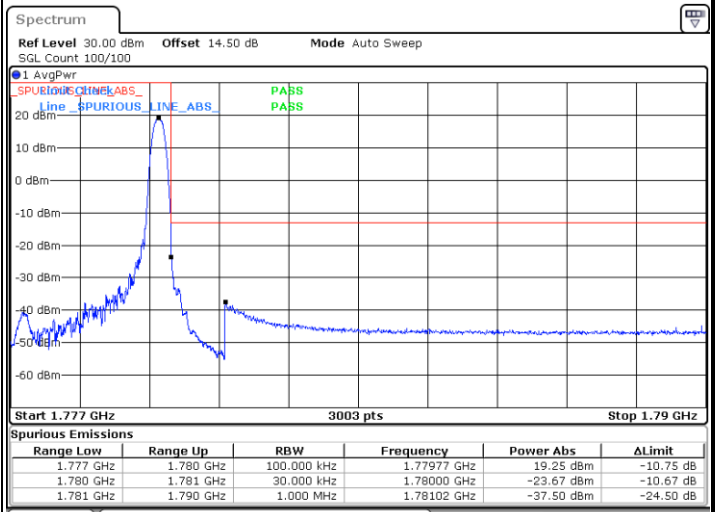
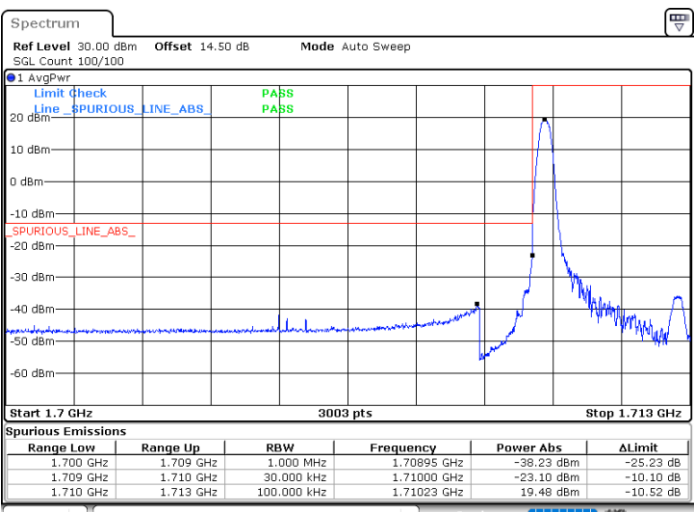




LTE Band 66 / 3MHz / QPSK

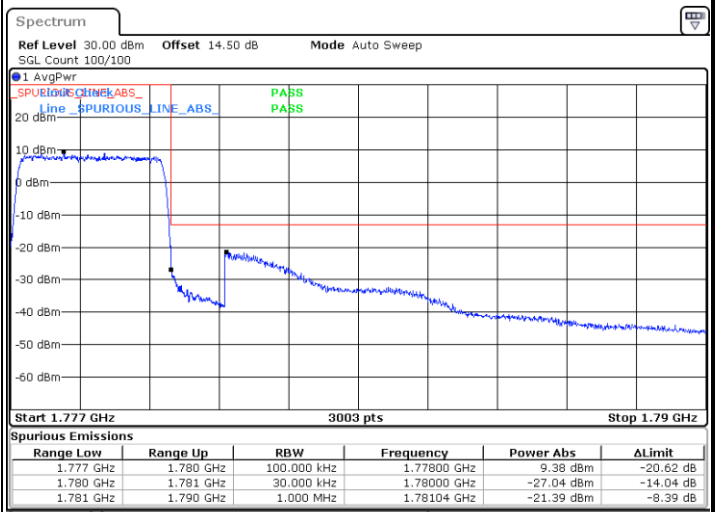
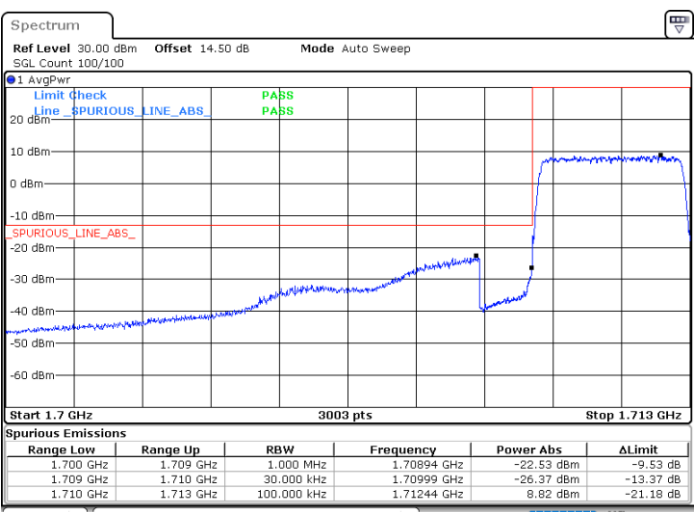
Lowest Band Edge / 1RB

Highest Band Edge / 1RB



Lowest Band Edge / Full RB

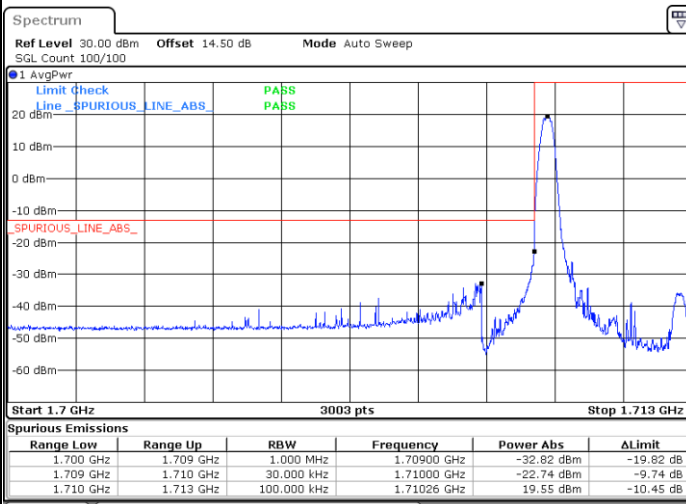
Highest Band Edge / Full RB



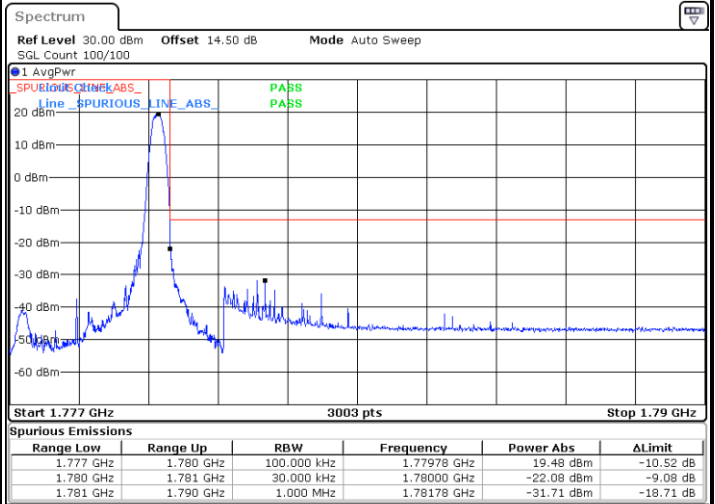


LTE Band 66 / 3MHz / 16QAM

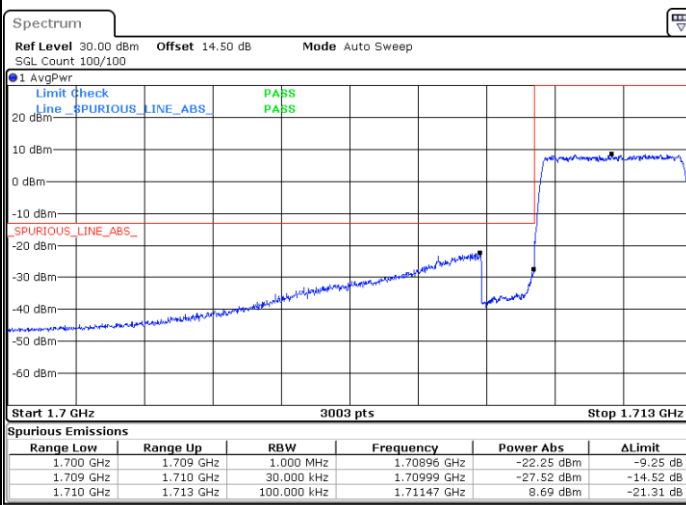
Lowest Band Edge / 1 RB



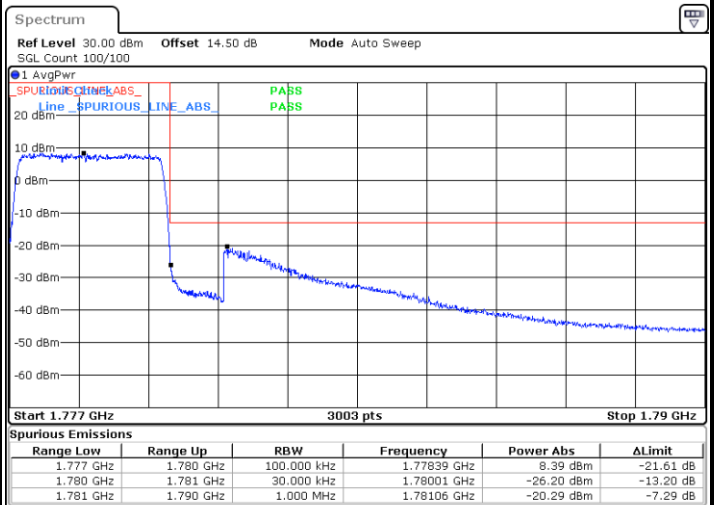
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



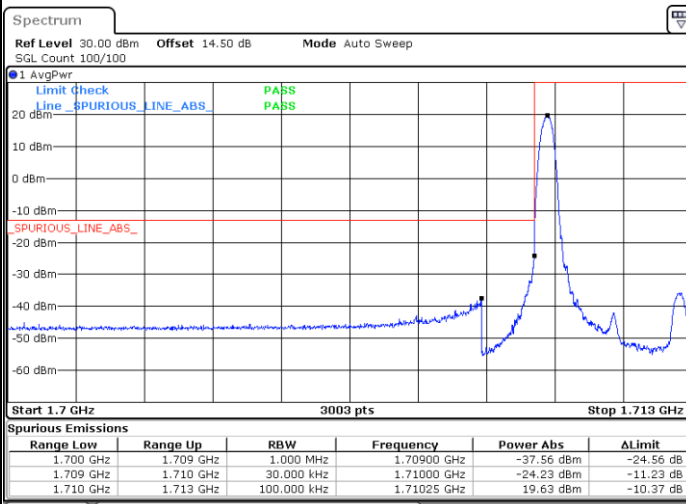
Highest Band Edge / Full RB



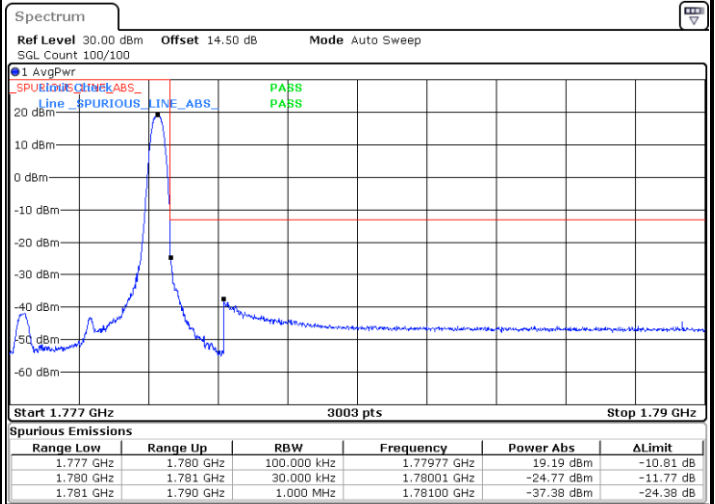


LTE Band 66 / 3MHz / 64QAM

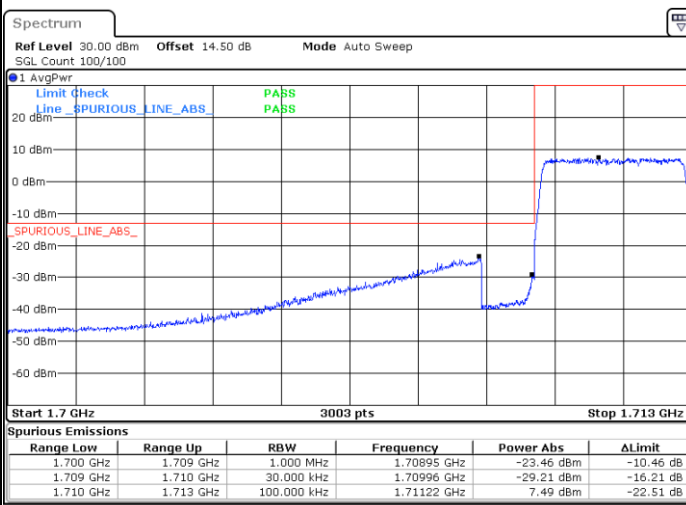
Lowest Band Edge / 1 RB



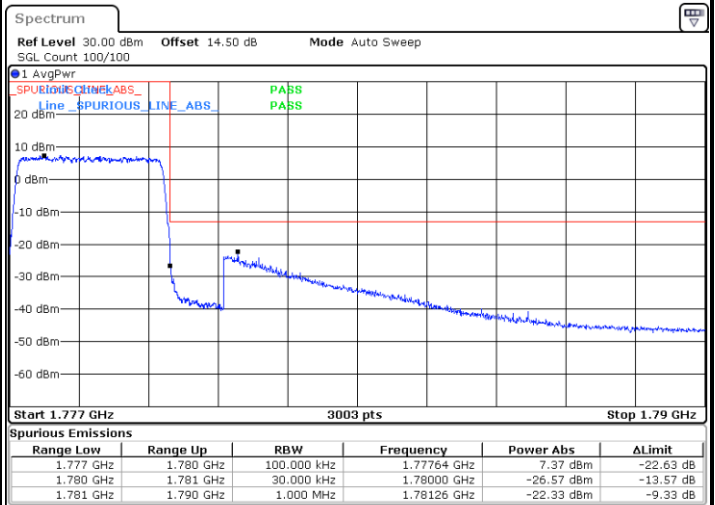
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



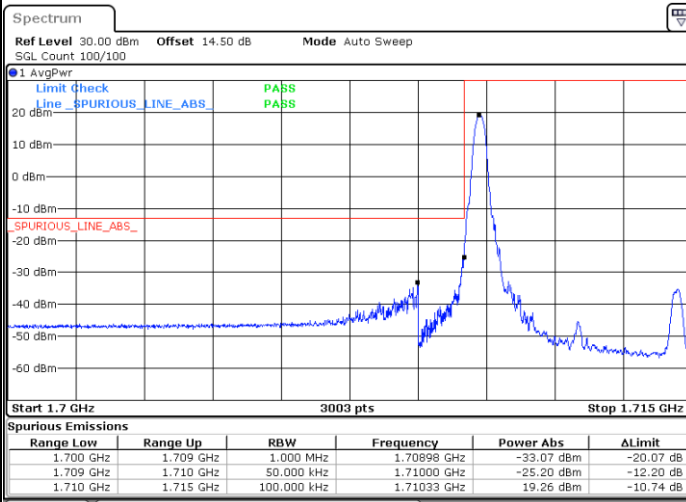
Highest Band Edge / Full RB



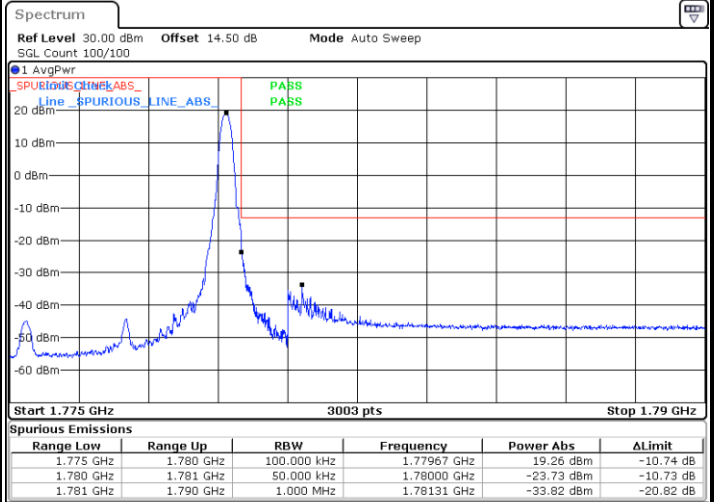


LTE Band 66 / 5MHz / QPSK

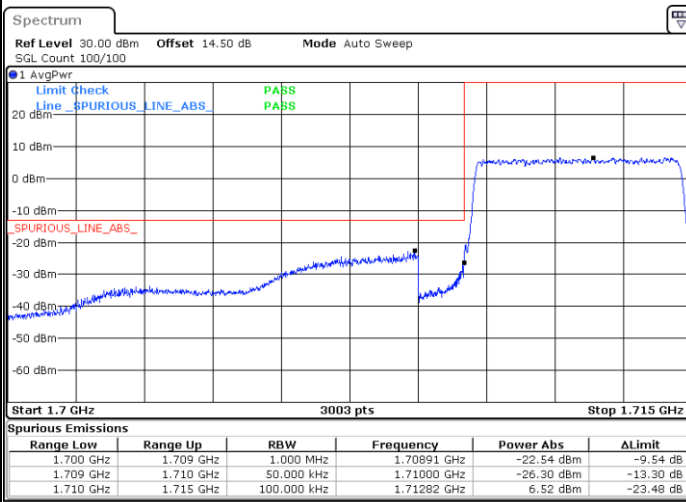
Lowest Band Edge / 1RB



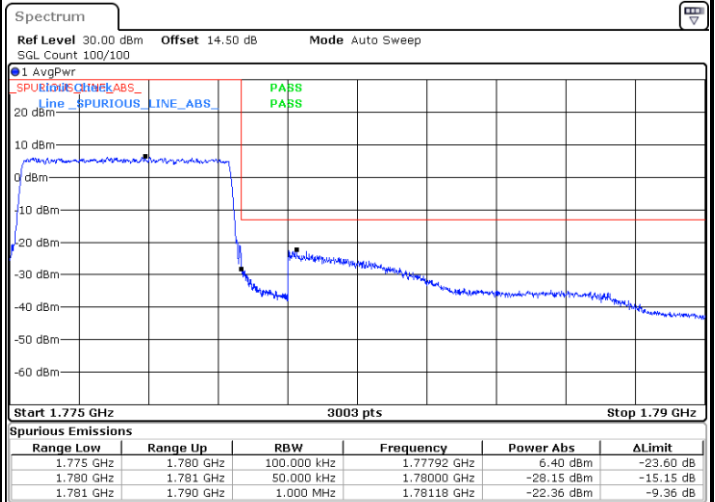
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



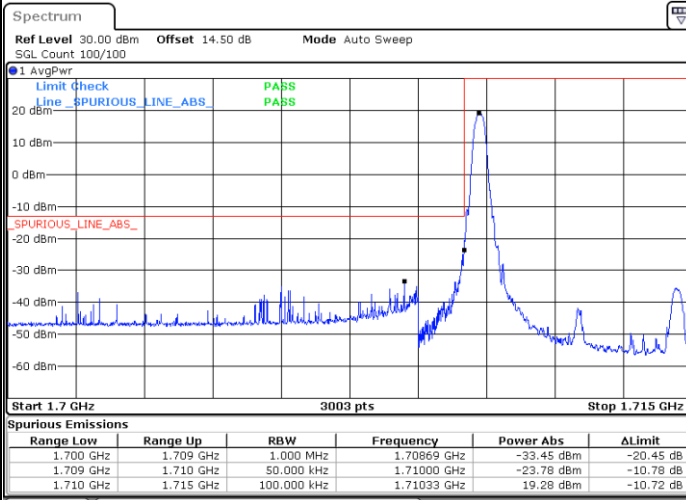
Highest Band Edge / Full RB



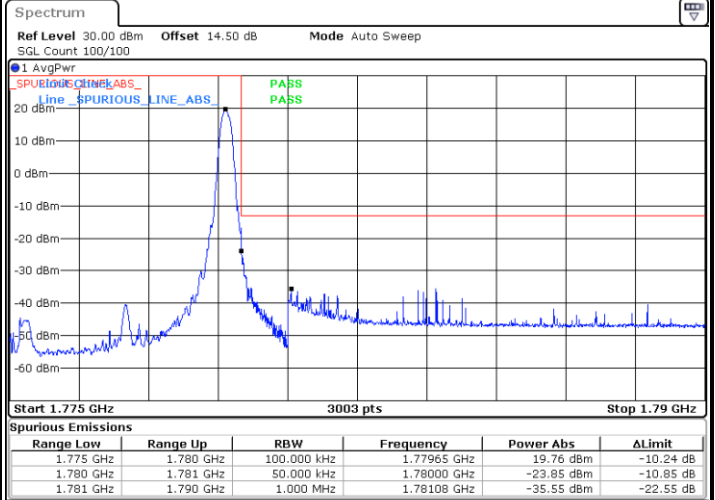


LTE Band 66 / 5MHz / 16QAM

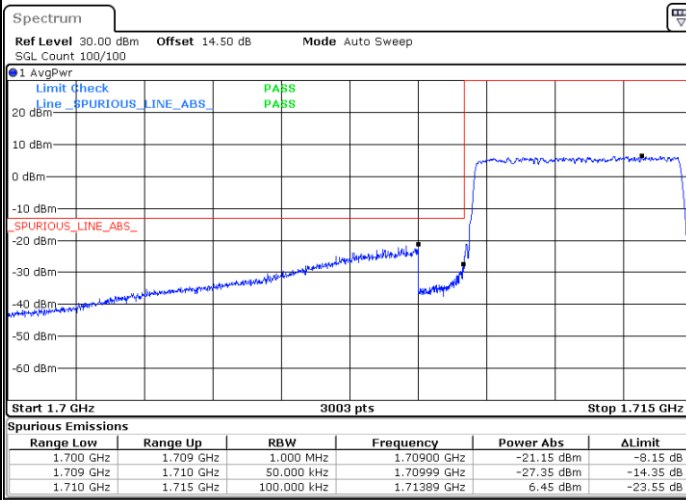
Lowest Band Edge / 1 RB



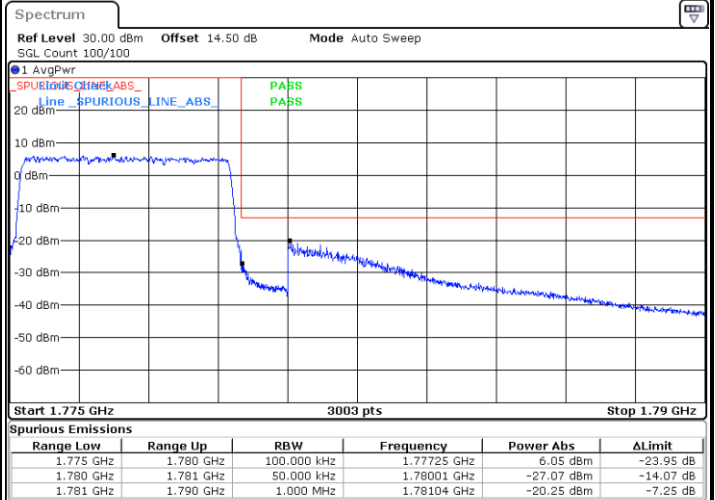
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



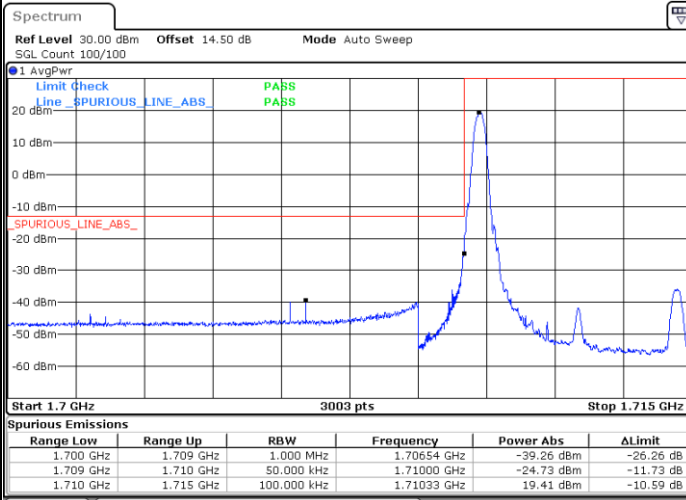
Highest Band Edge / Full RB



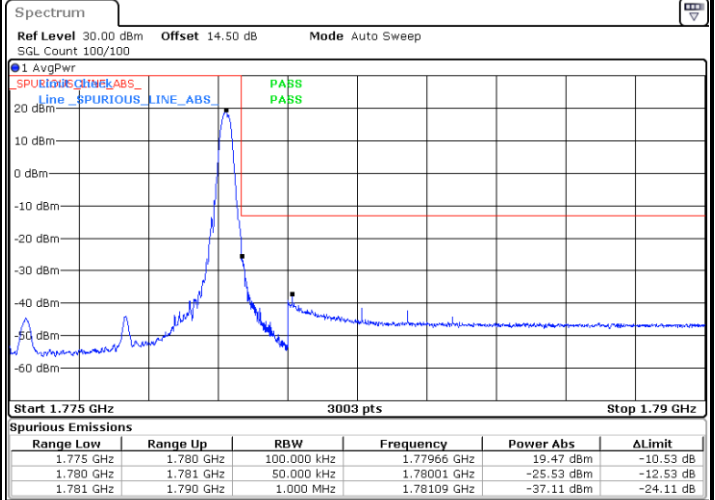


LTE Band 66 / 5MHz / 64QAM

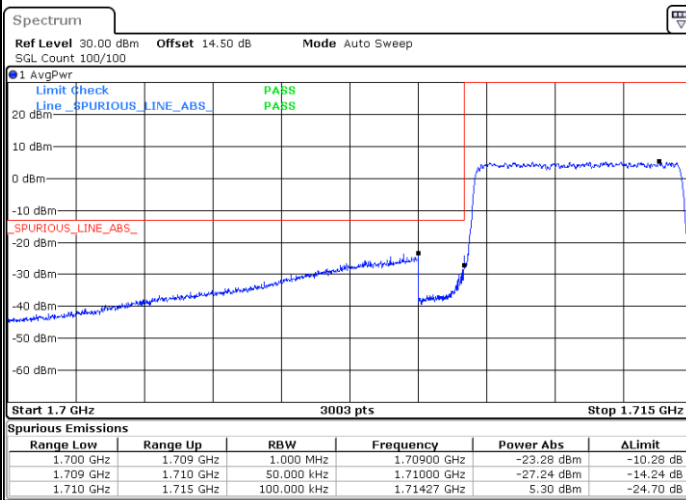
Lowest Band Edge / 1 RB



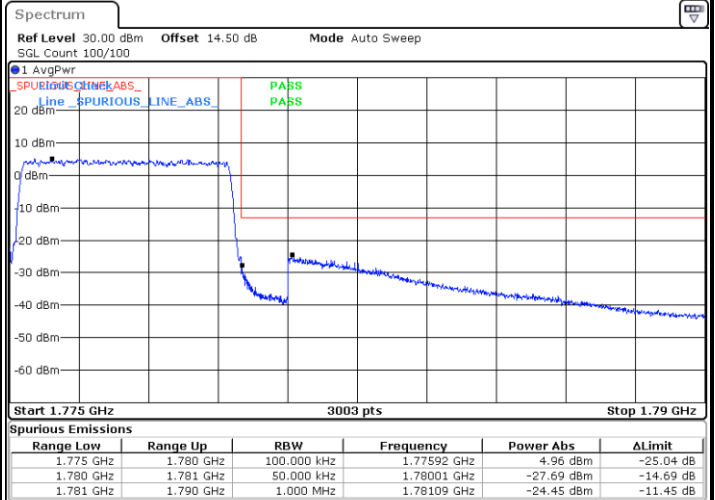
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

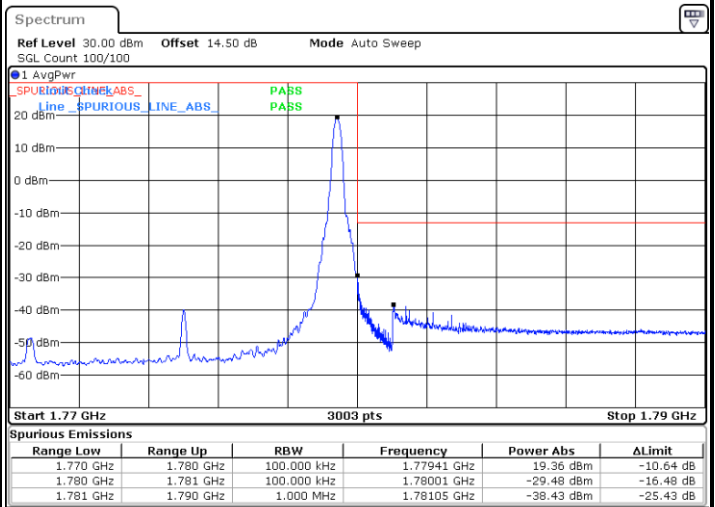
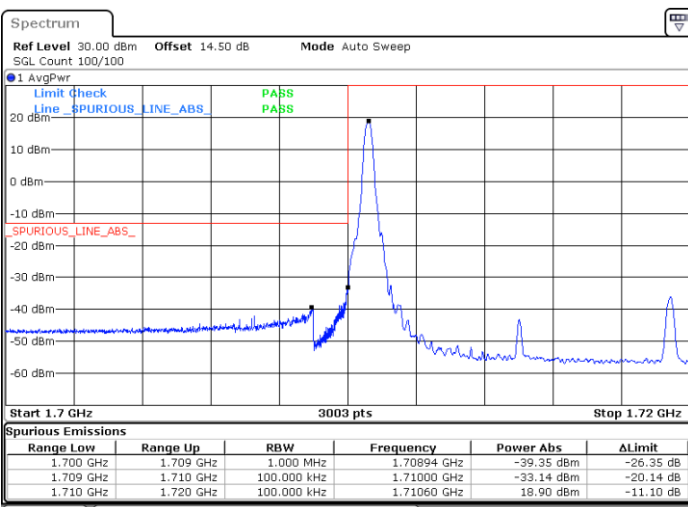




LTE Band 66 / 10MHz / QPSK

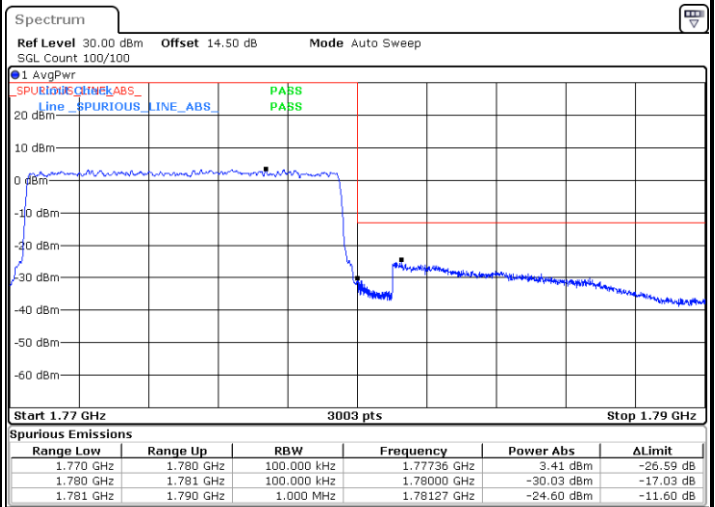
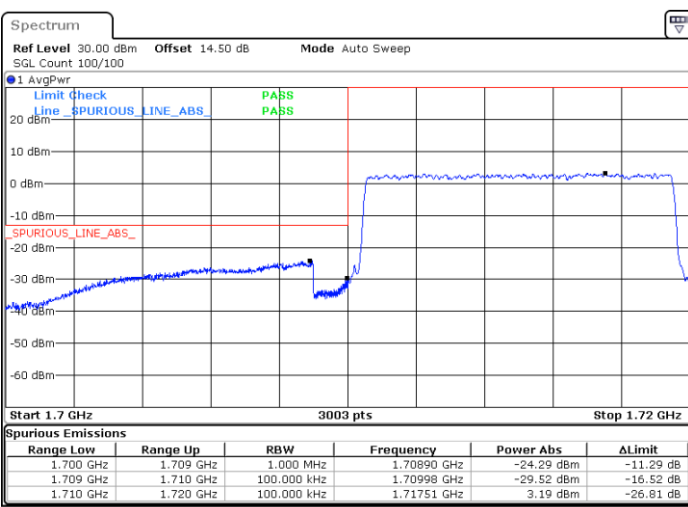
Lowest Band Edge / 1RB

Highest Band Edge / 1RB



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

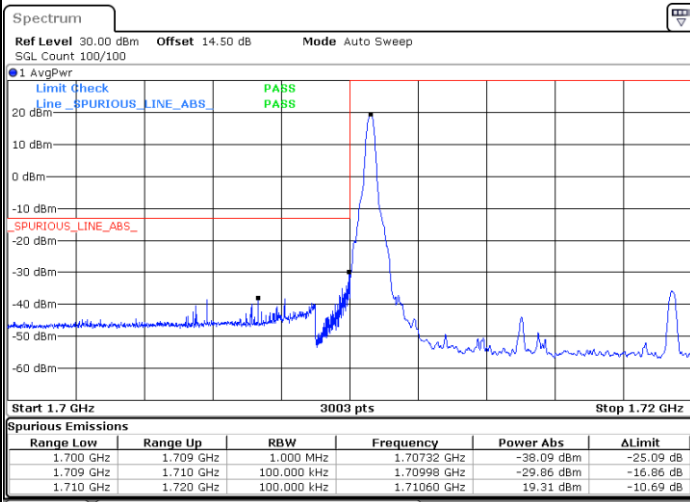




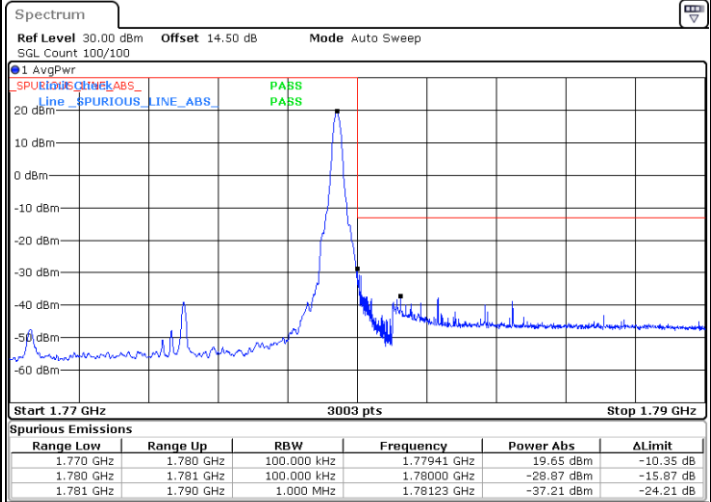


LTE Band 66 / 10MHz / 16QAM

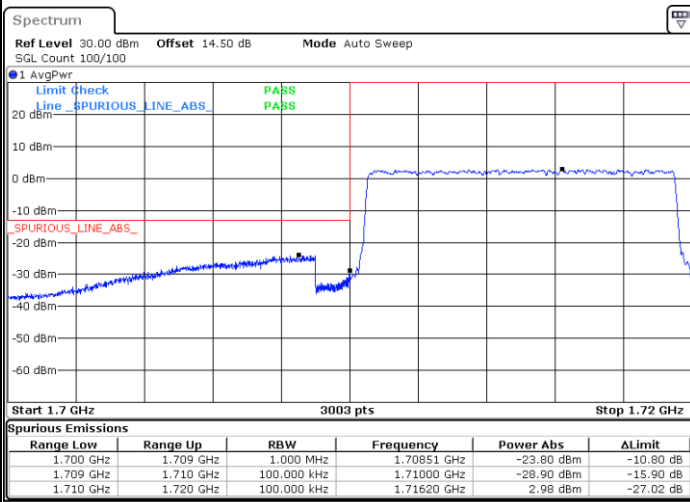
Lowest Band Edge / 1 RB



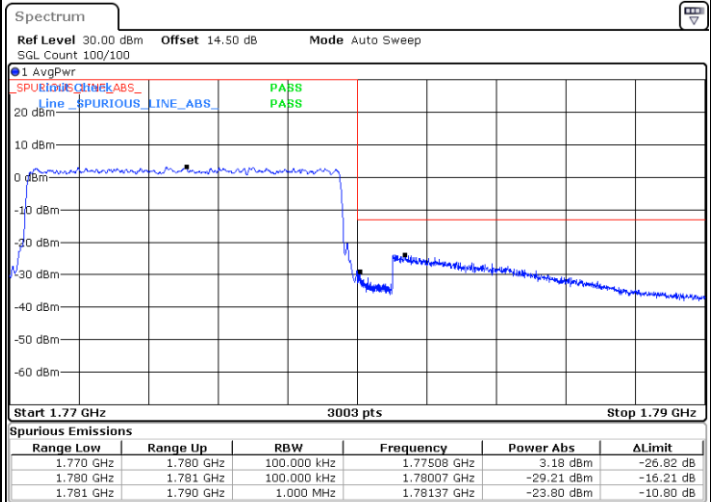
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



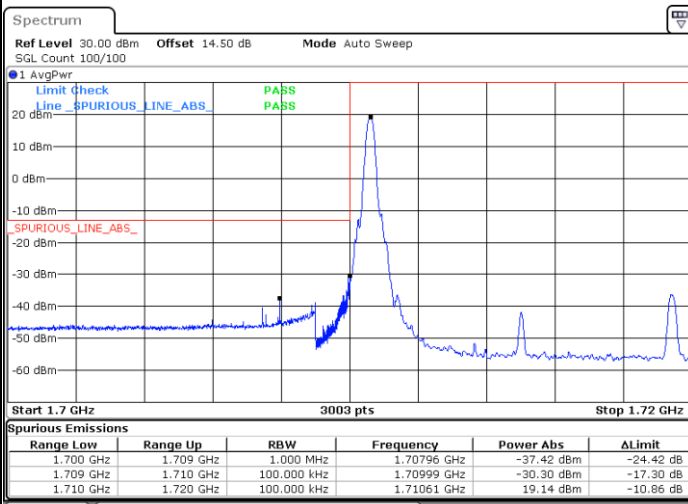
Highest Band Edge / Full RB



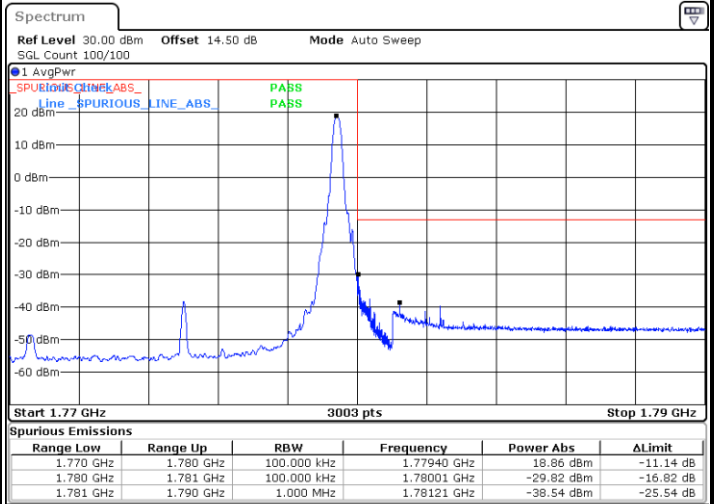


LTE Band 66 / 10MHz / 64QAM

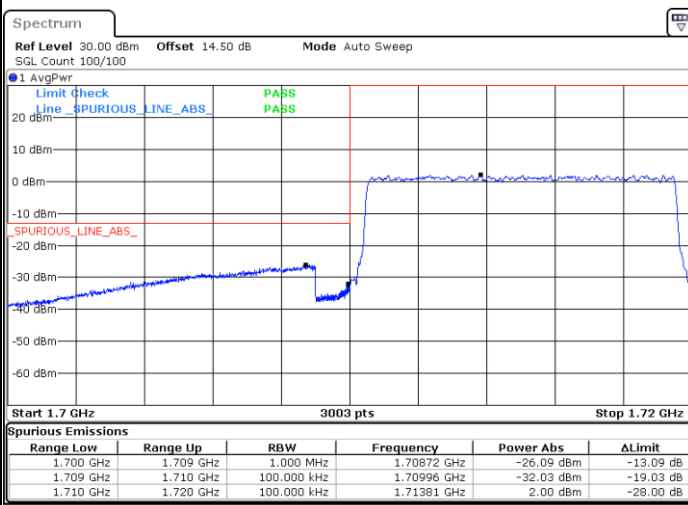
Lowest Band Edge / 1 RB



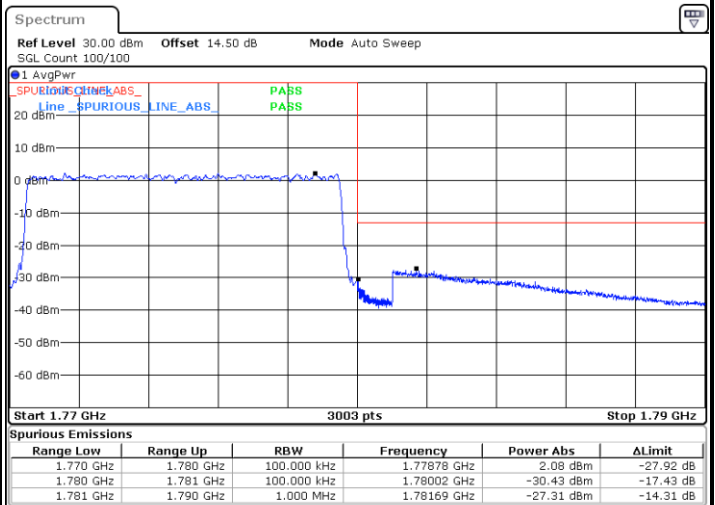
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

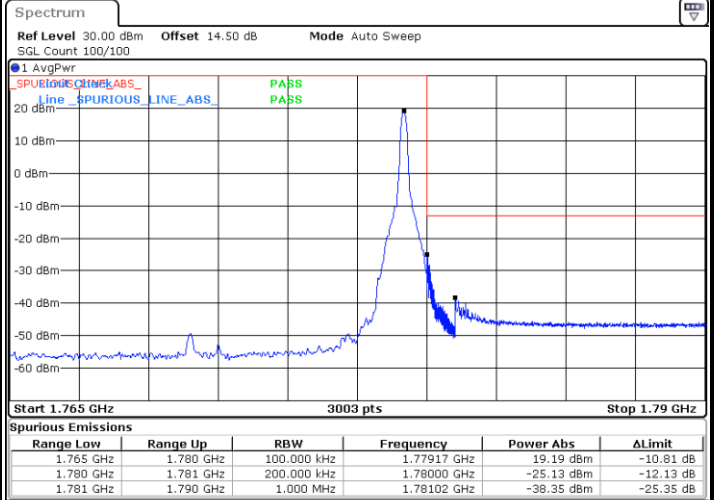
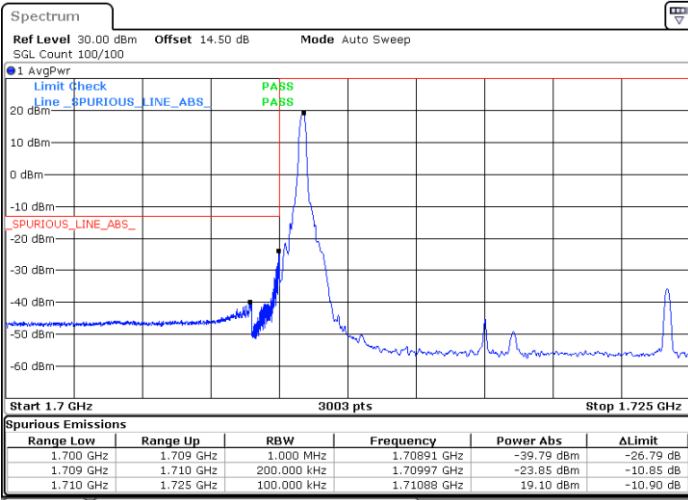




LTE Band 66 / 15MHz / QPSK

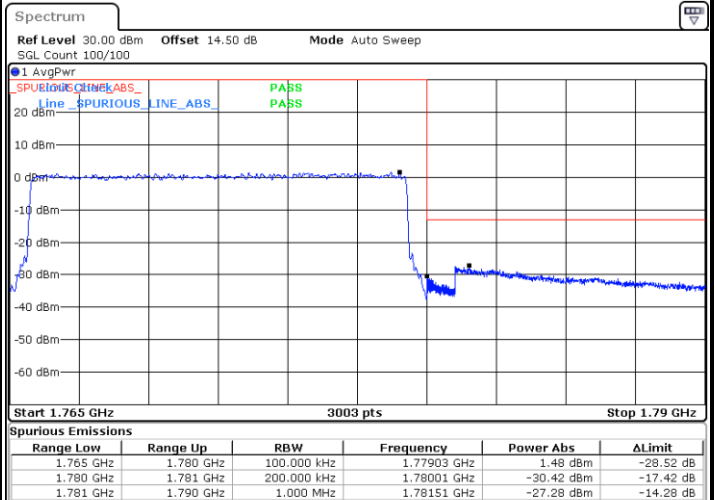
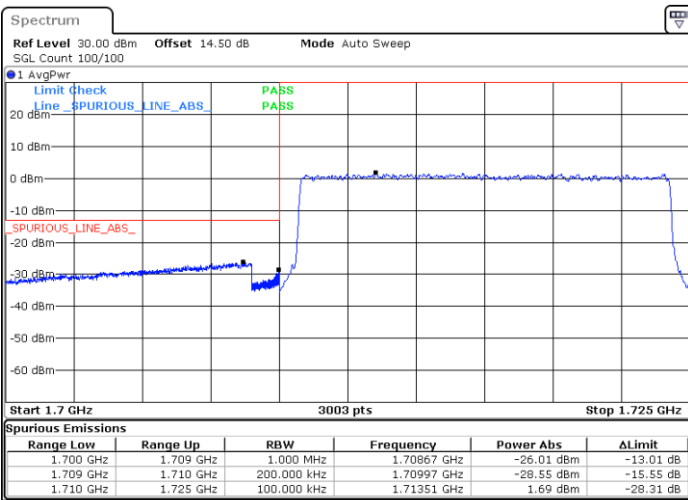
Lowest Band Edge / 1RB

Highest Band Edge / 1RB



Lowest Band Edge / Full RB

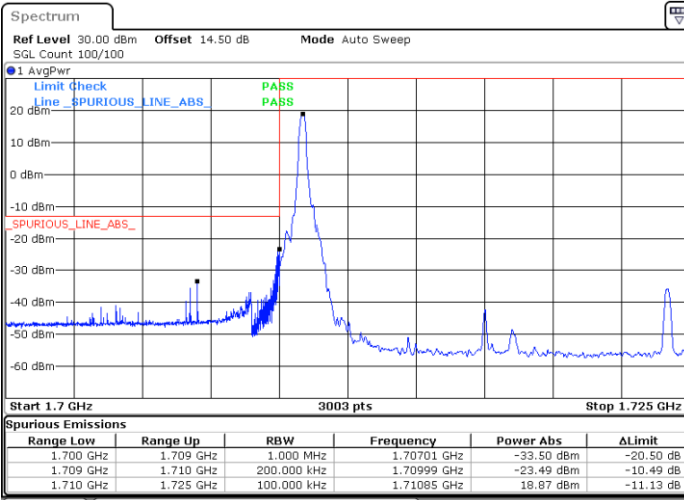
Highest Band Edge / Full RB



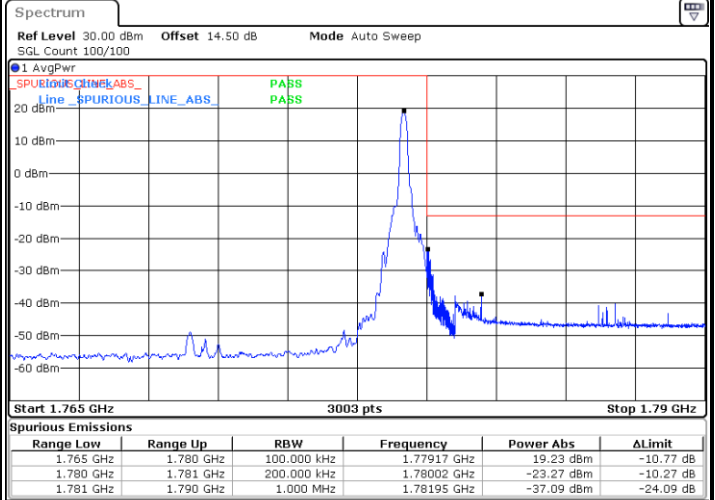


LTE Band 66 / 15MHz / 16QAM

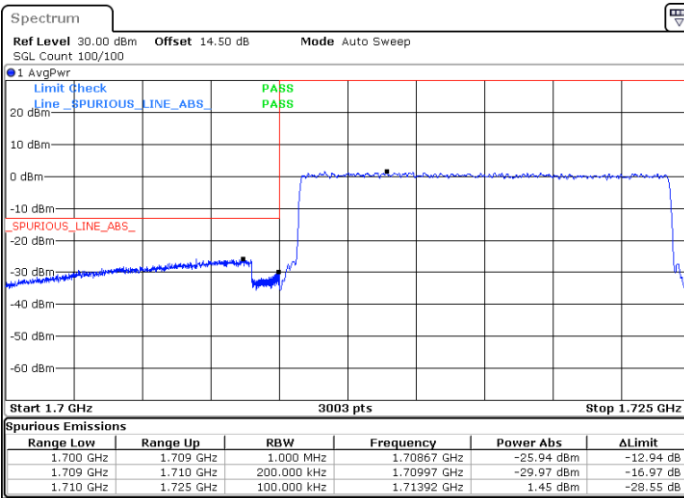
Lowest Band Edge / 1 RB



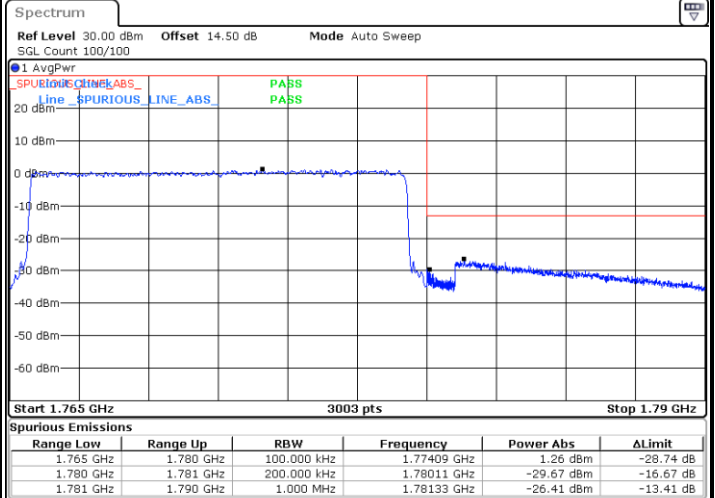
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



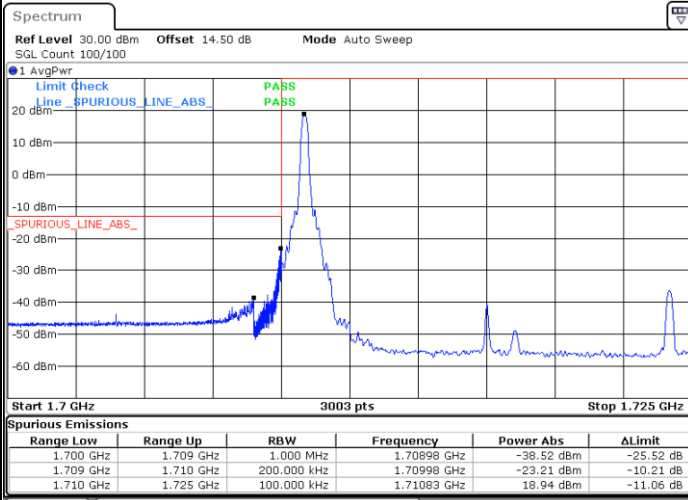
Highest Band Edge / Full RB



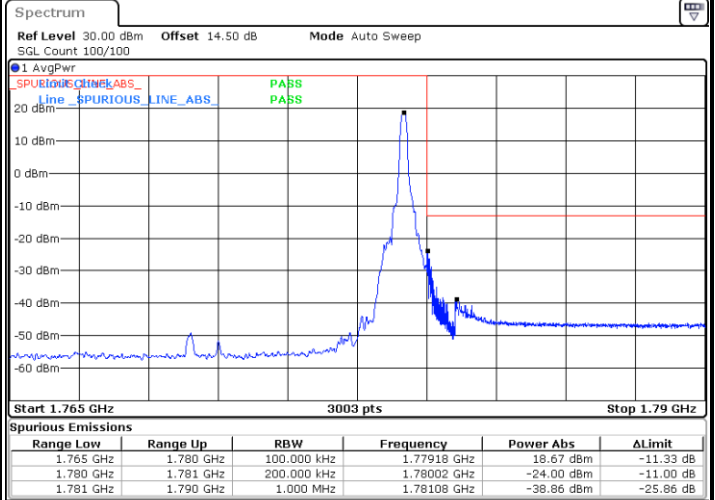


LTE Band 66 / 15MHz / 64QAM

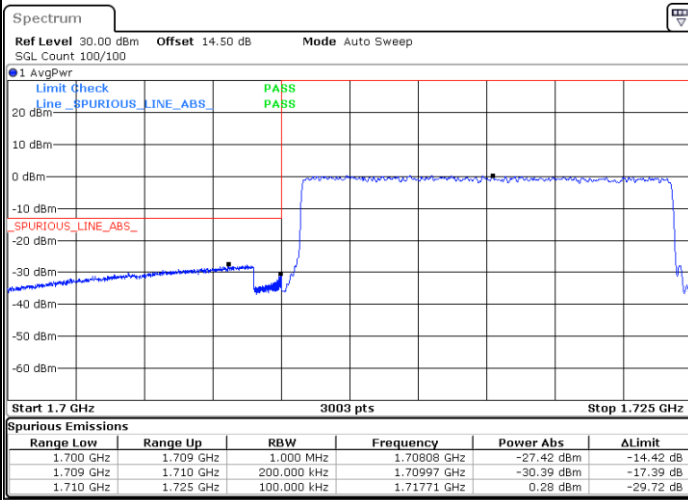
Lowest Band Edge / 1 RB



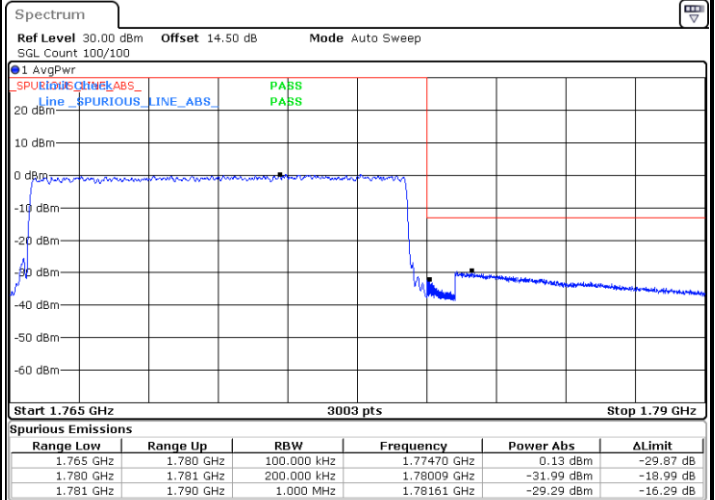
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

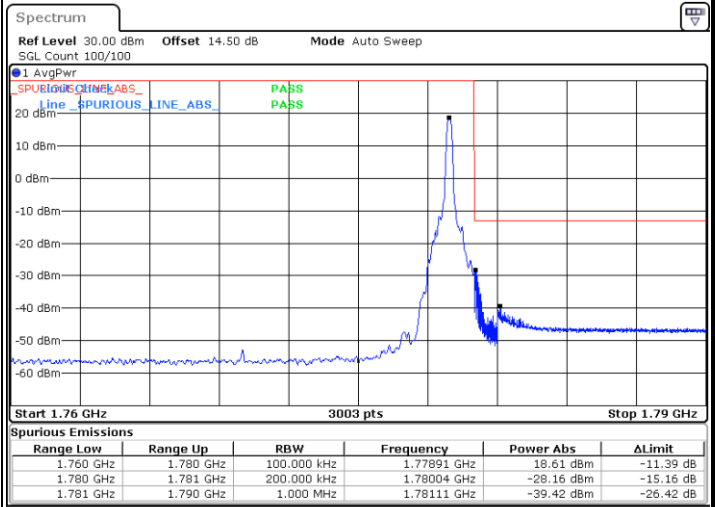
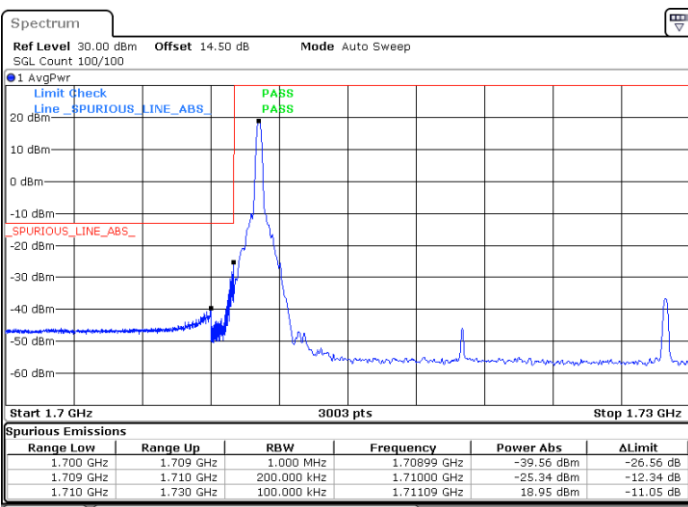




LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1RB



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

