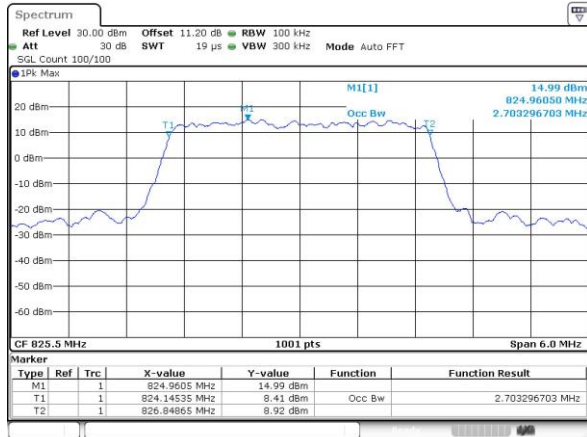


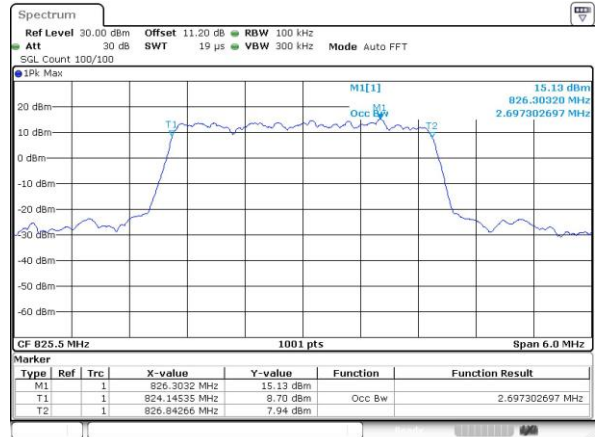


LTE Band 5

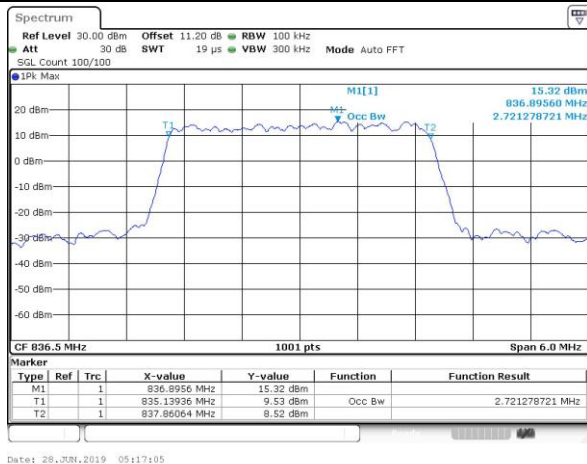
Lowest Channel / 3MHz / QPSK



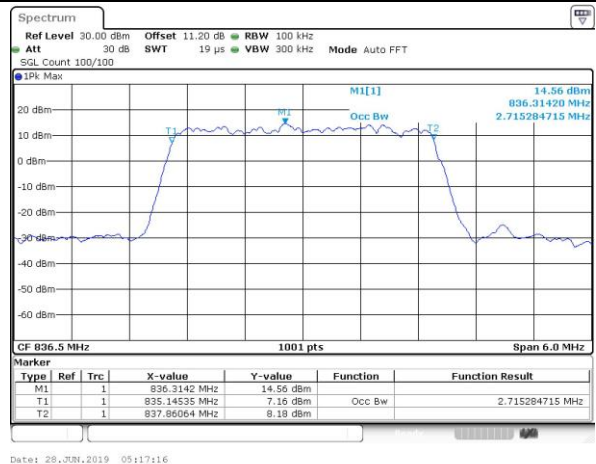
Lowest Channel / 3MHz / 16QAM



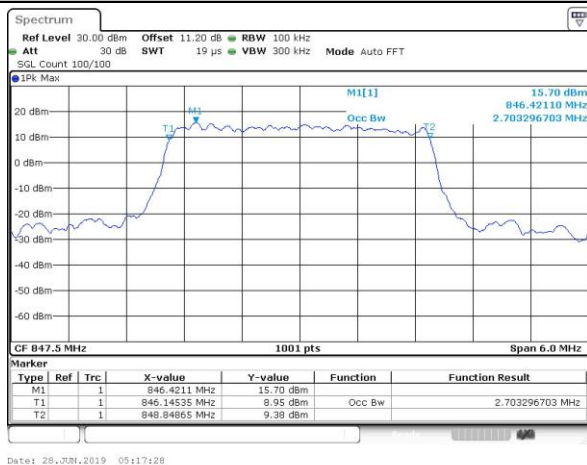
Middle Channel / 3MHz / QPSK



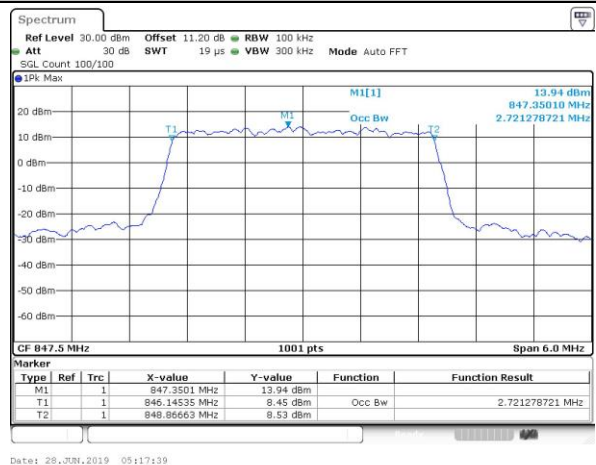
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



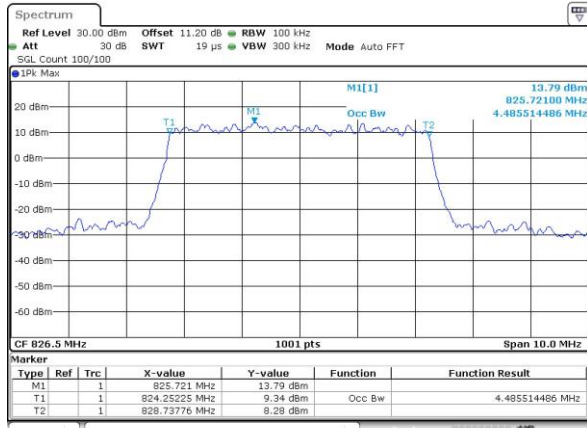
Highest Channel / 3MHz / 16QAM



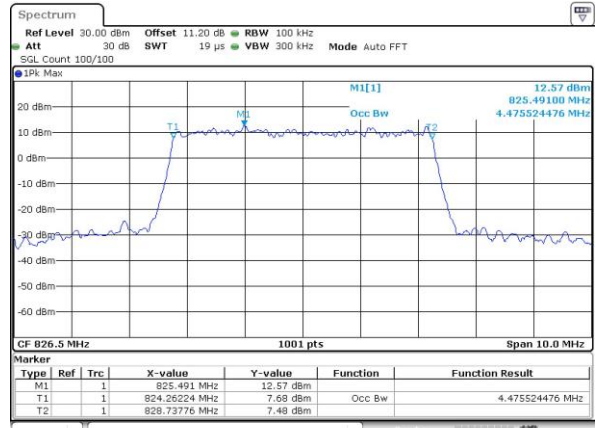


LTE Band 5

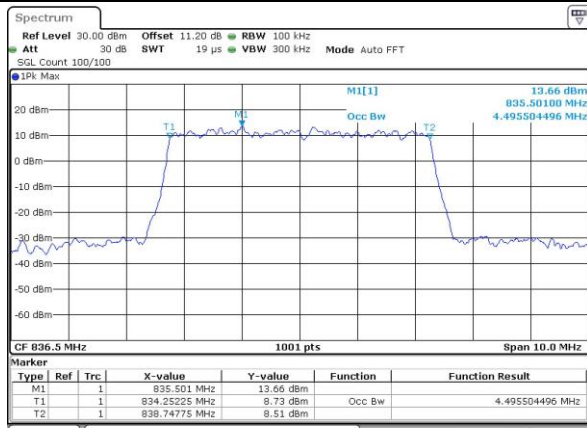
Lowest Channel / 5MHz / QPSK



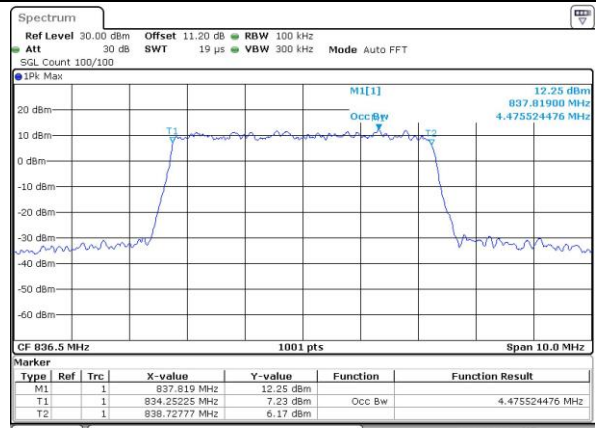
Lowest Channel / 5MHz / 16QAM



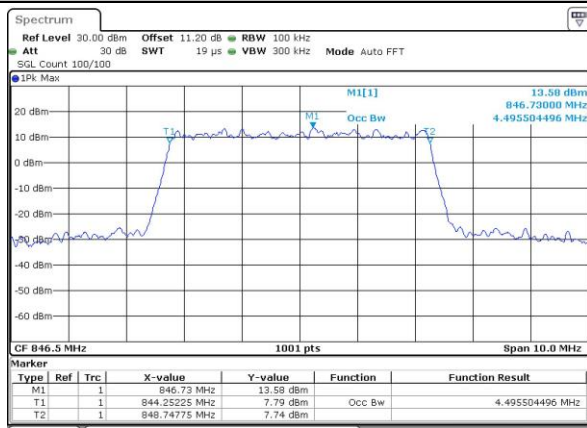
Middle Channel / 5MHz / QPSK



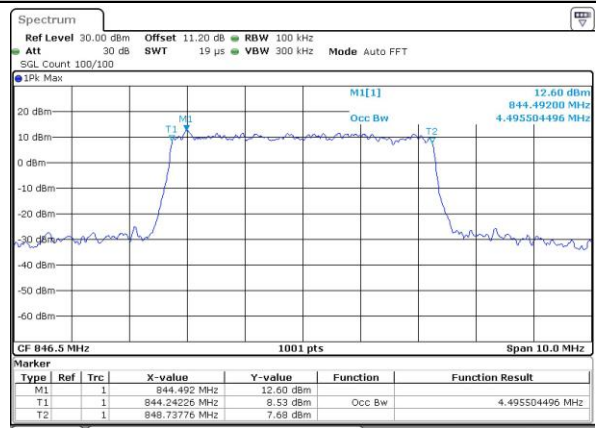
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



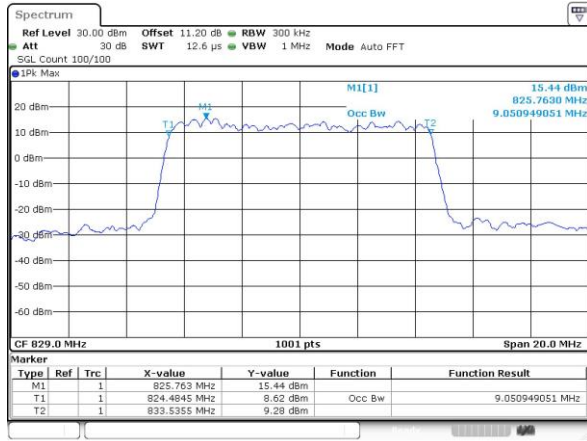
Highest Channel / 5MHz / 16QAM



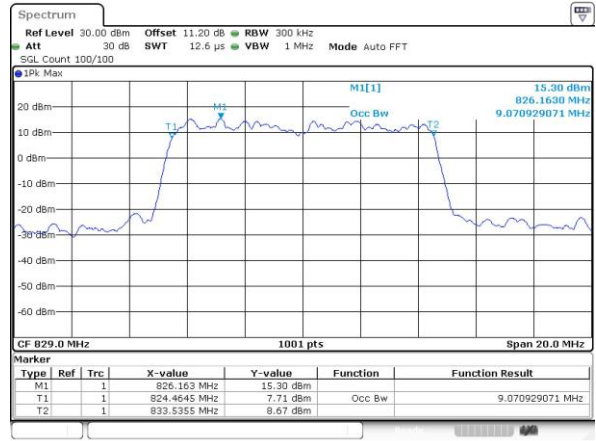


LTE Band 5

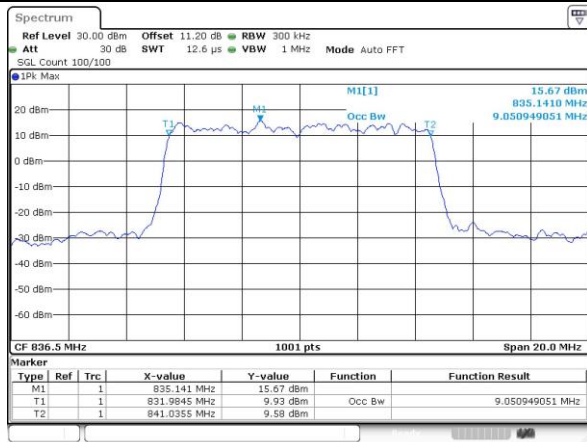
Lowest Channel / 10MHz / QPSK



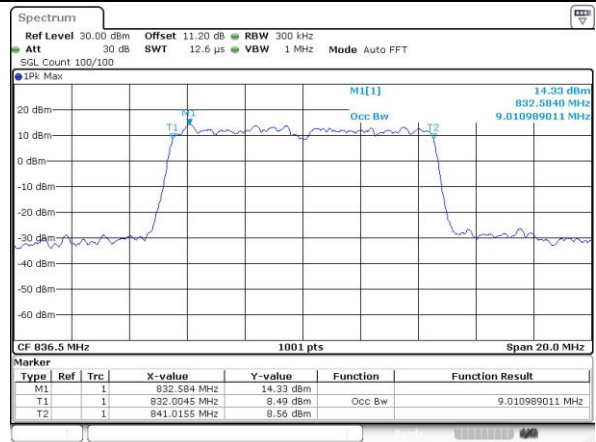
Lowest Channel / 10MHz / 16QAM



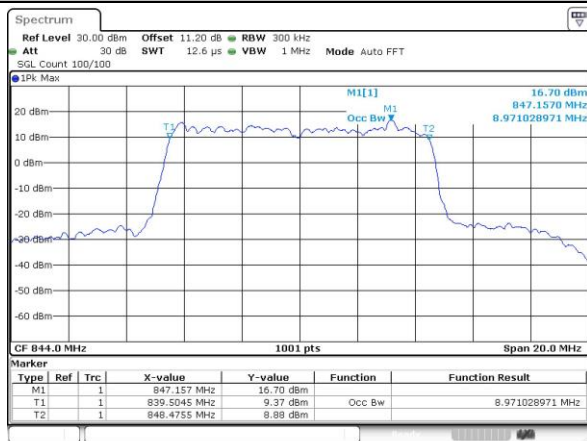
Middle Channel / 10MHz / QPSK



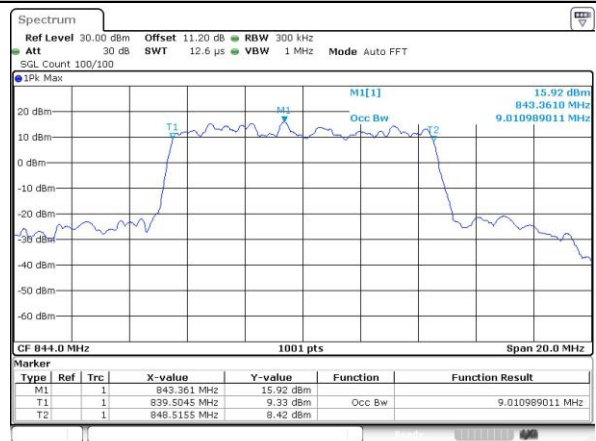
Middle Channel / 10MHz / 16QAM

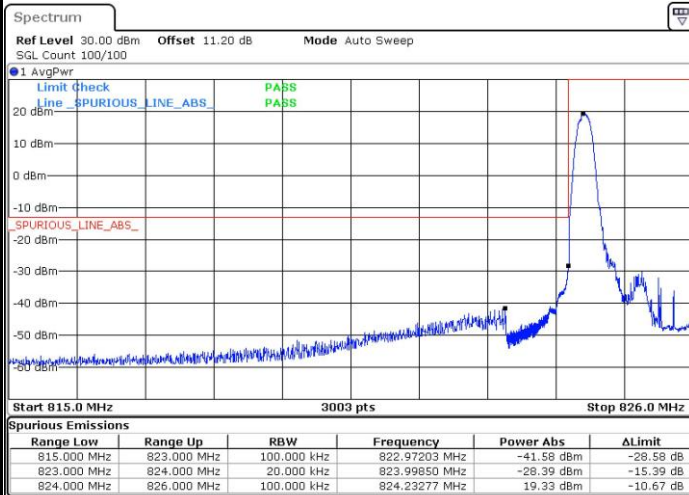


Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

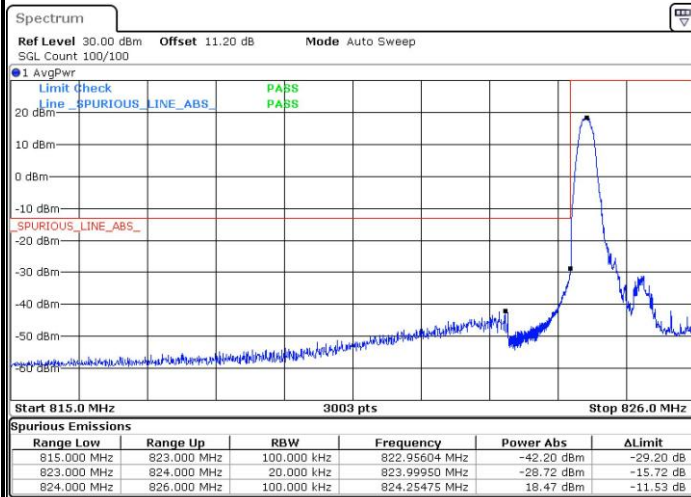


**Conducted Band Edge****LTE Band 5 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



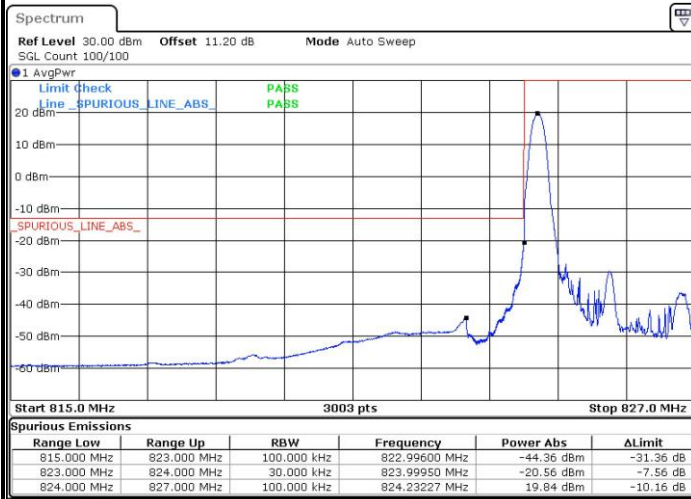
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



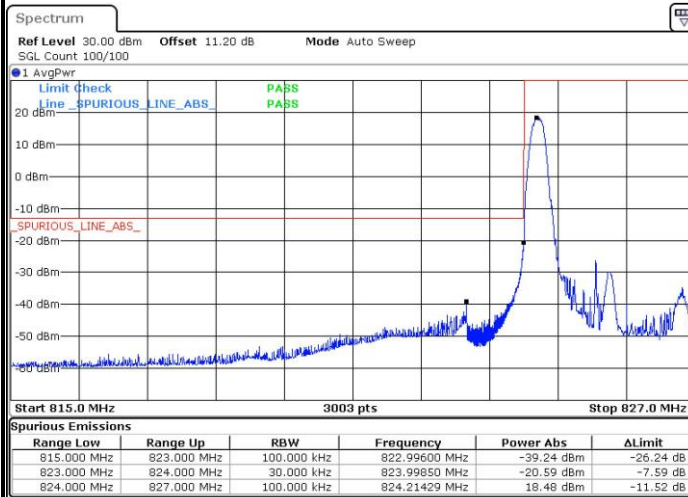
Highest Band Edge / Full RB



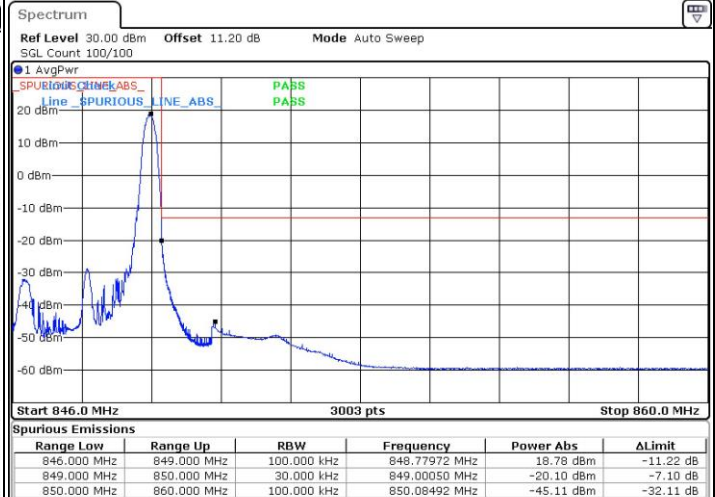


LTE Band 5 / 3MHz / 16QAM

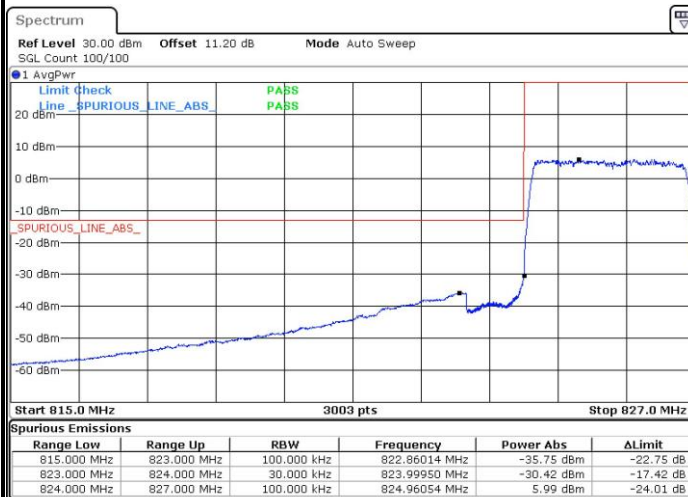
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



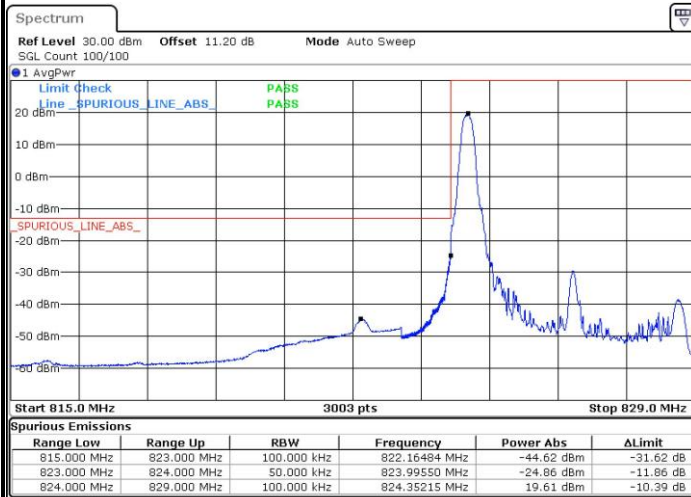
Highest Band Edge / Full RB



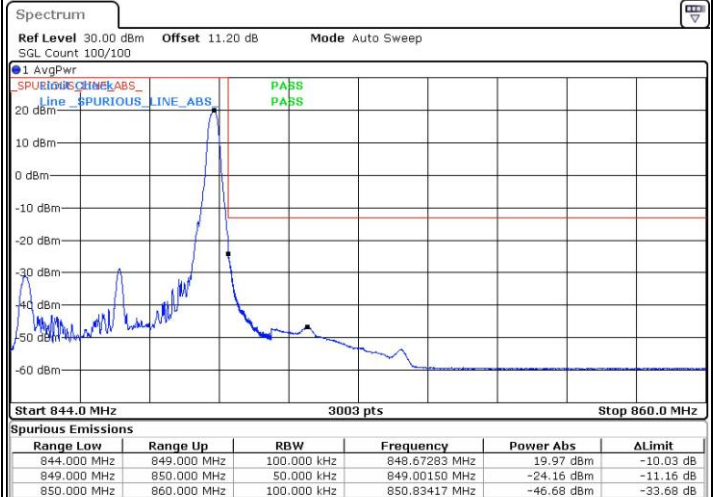


LTE Band 5 / 5MHz / QPSK

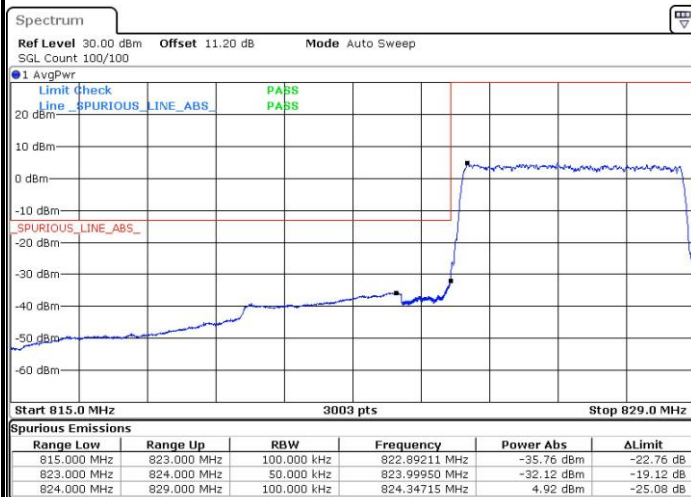
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



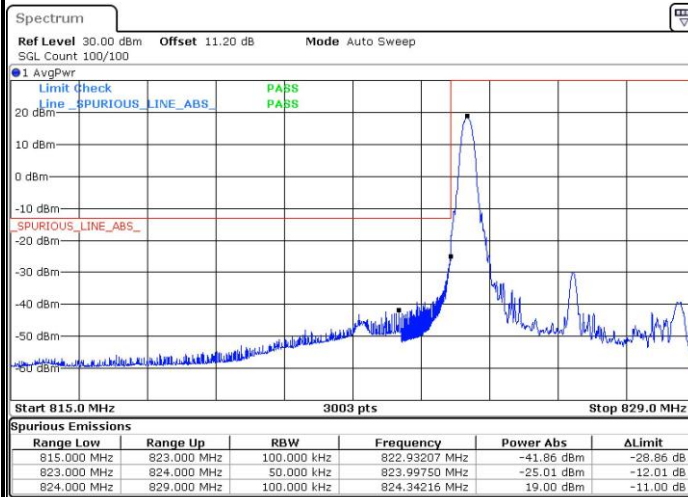
Highest Band Edge / Full RB



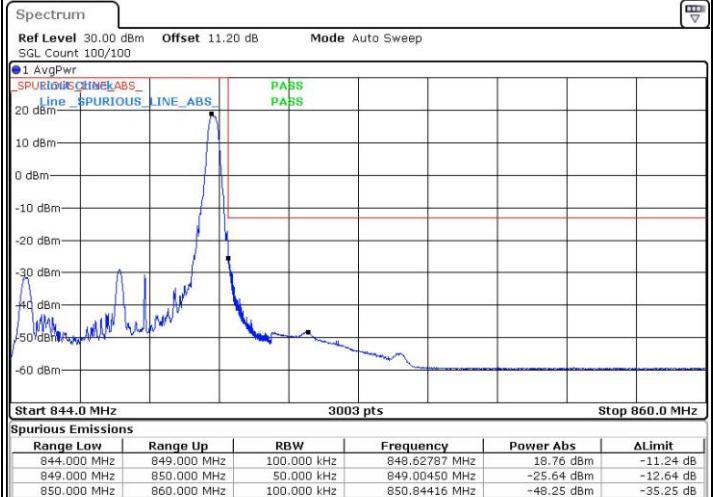


LTE Band 5 / 5MHz / 16QAM

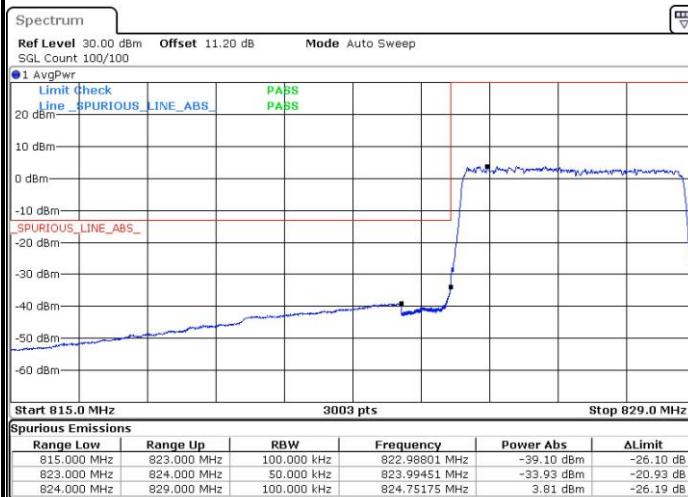
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



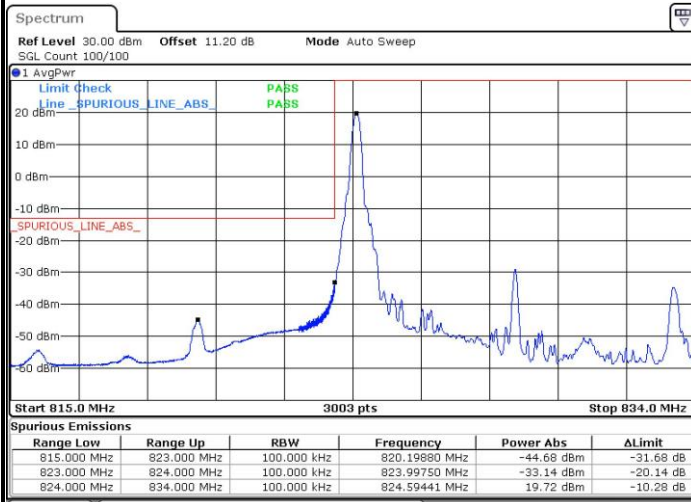
Highest Band Edge / Full RB



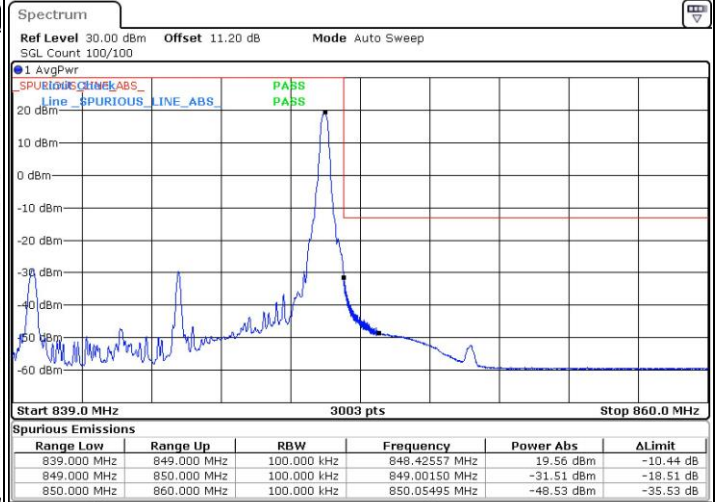


LTE Band 5 / 10MHz / QPSK

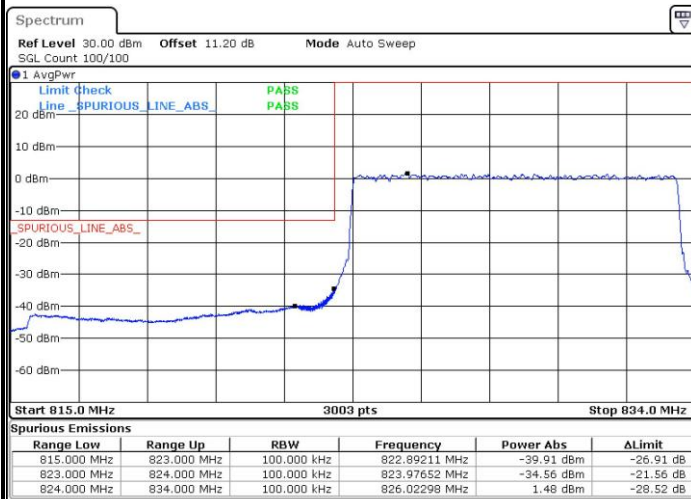
Lowest Band Edge / 1 RB



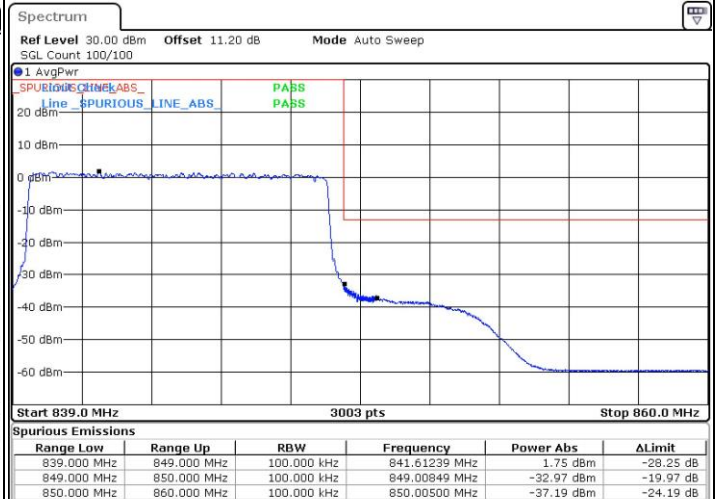
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



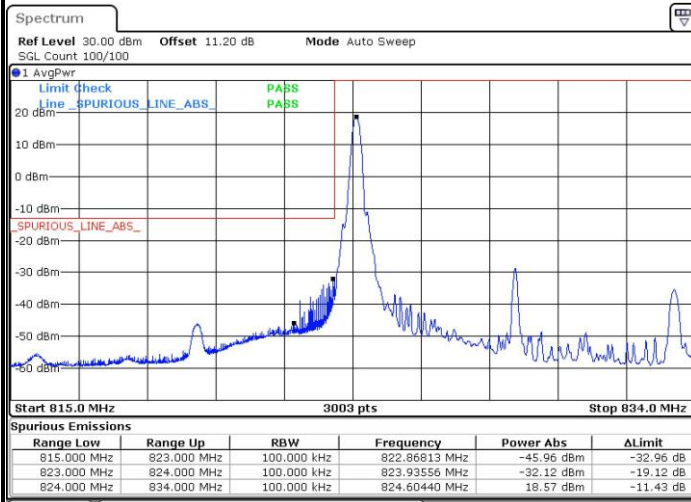
Highest Band Edge / Full RB



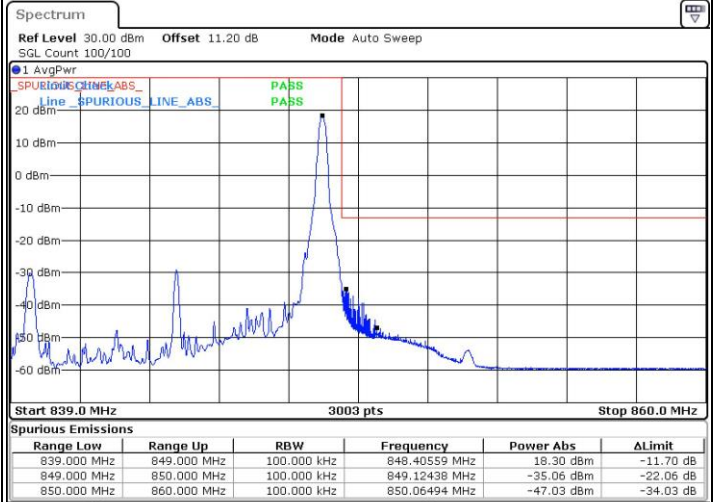


LTE Band 5 / 10MHz / 16QAM

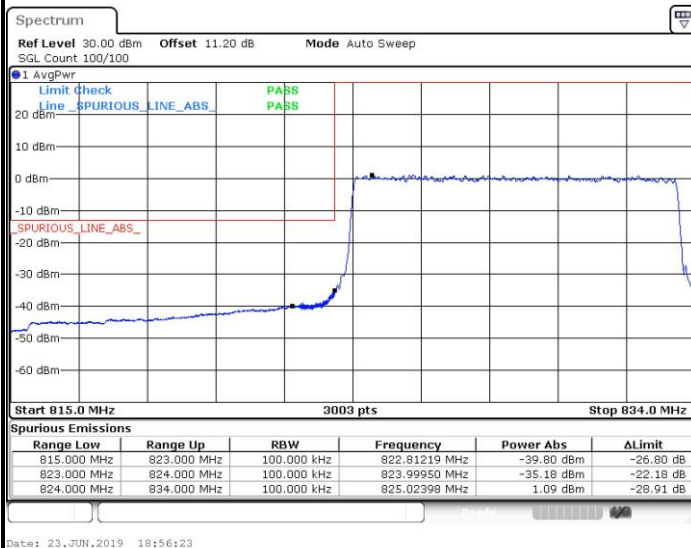
Lowest Band Edge / 1 RB



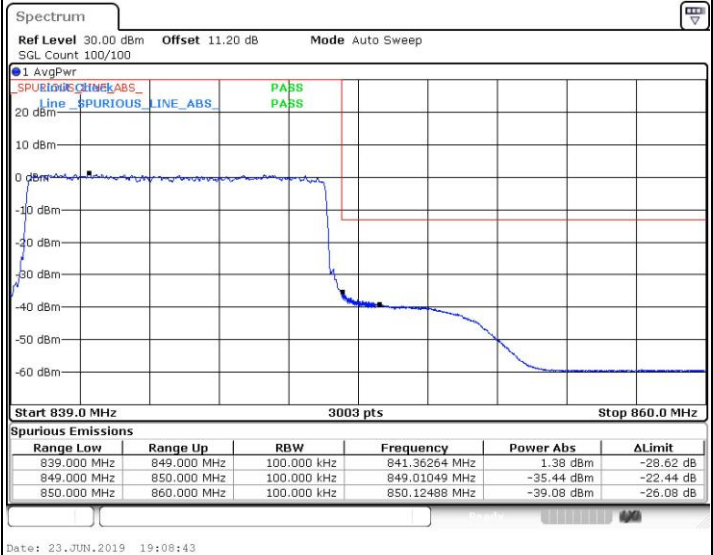
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

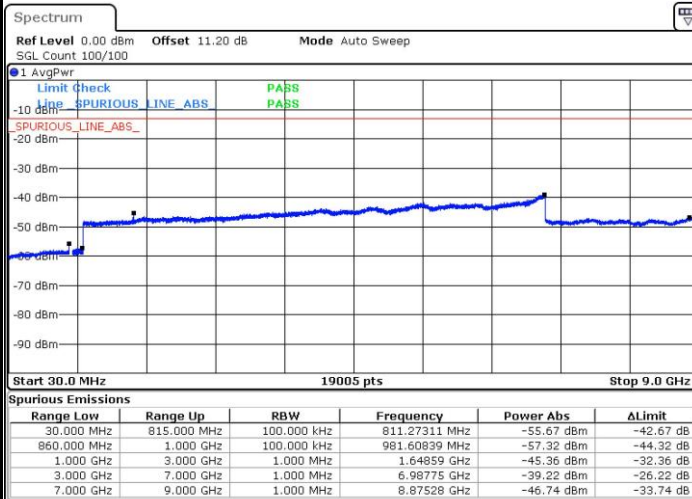




Conducted Spurious Emission

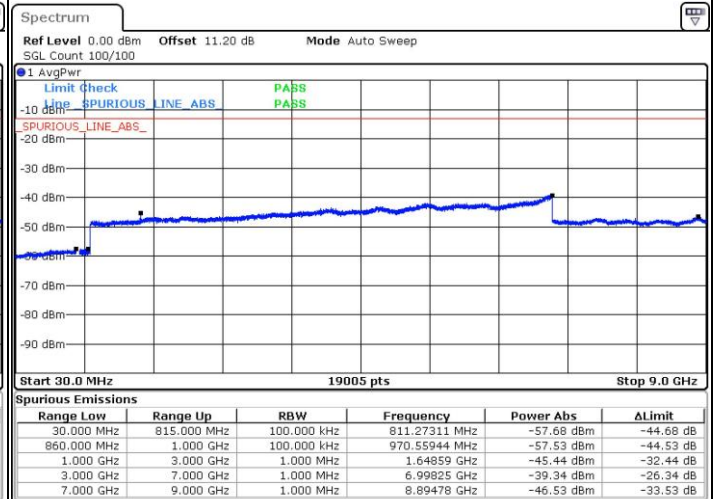
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



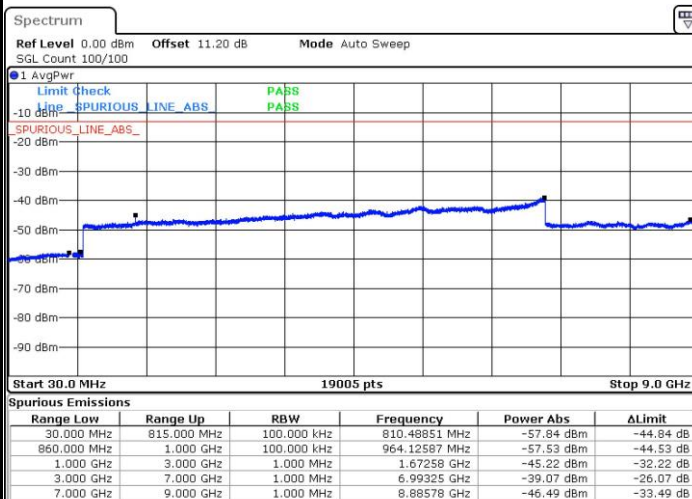
Date: 23.JUN.2019 17:51:41

Lowest Channel / 16QAM



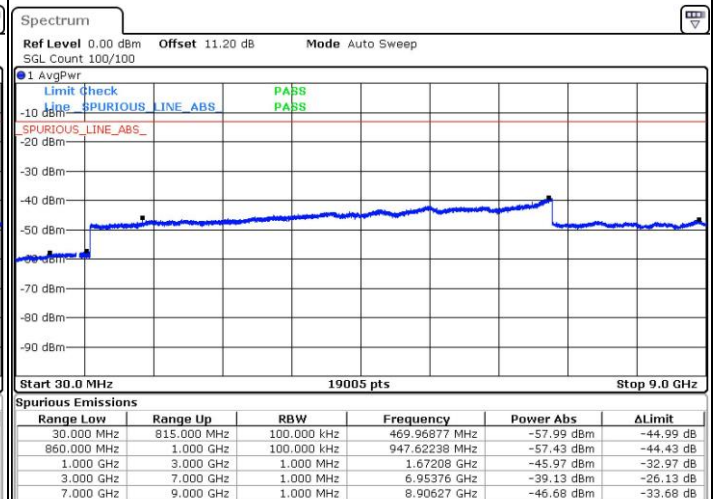
Date: 23.JUN.2019 17:52:44

Middle Channel / QPSK



Date: 23.JUN.2019 17:54:32

Middle Channel / 16QAM

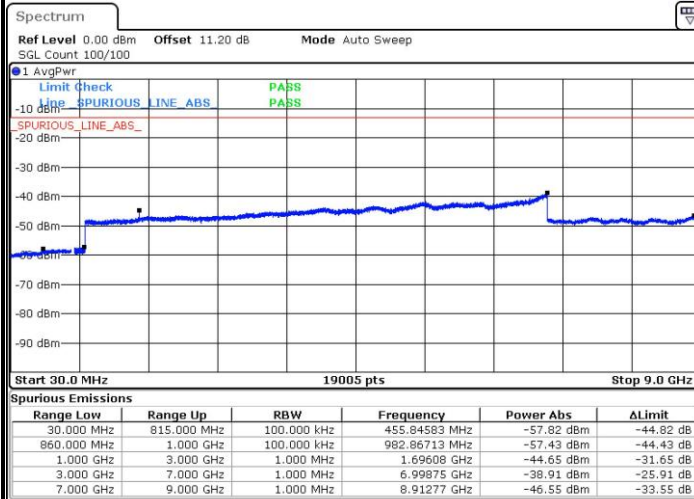


Date: 23.JUN.2019 17:55:35



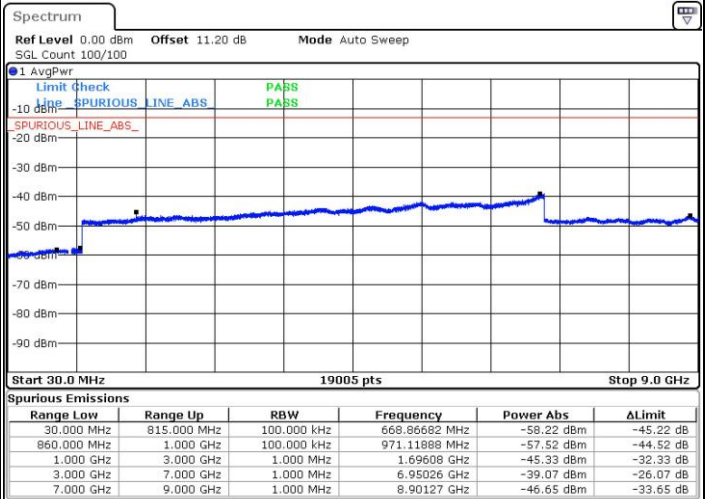
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 23.JUN.2019 18:04:01

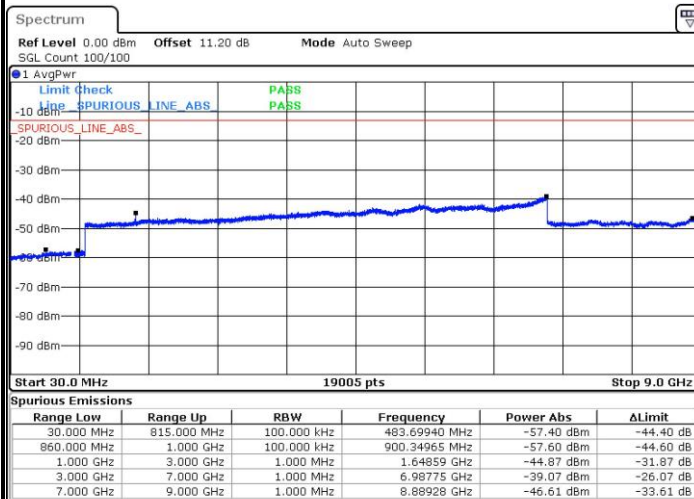
Highest Channel / 16QAM



Date: 23.JUN.2019 18:05:04

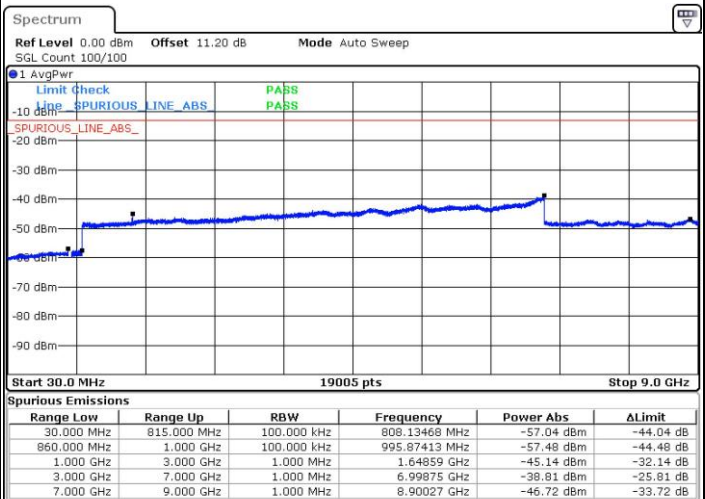
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 23.JUN.2019 18:13:28

Lowest Channel / 16QAM

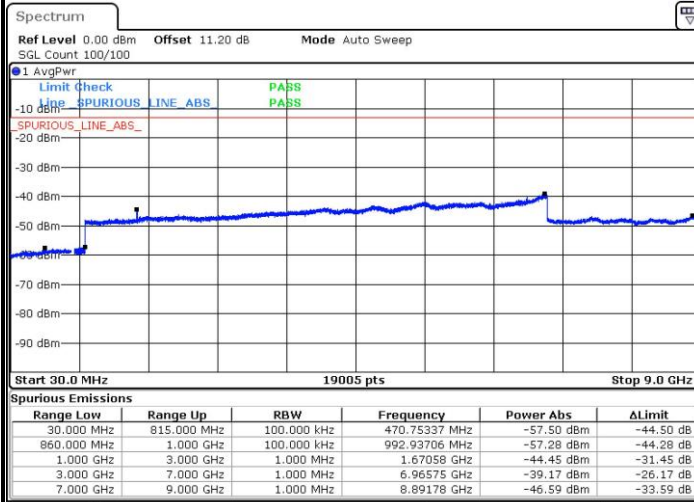


Date: 23.JUN.2019 18:14:31



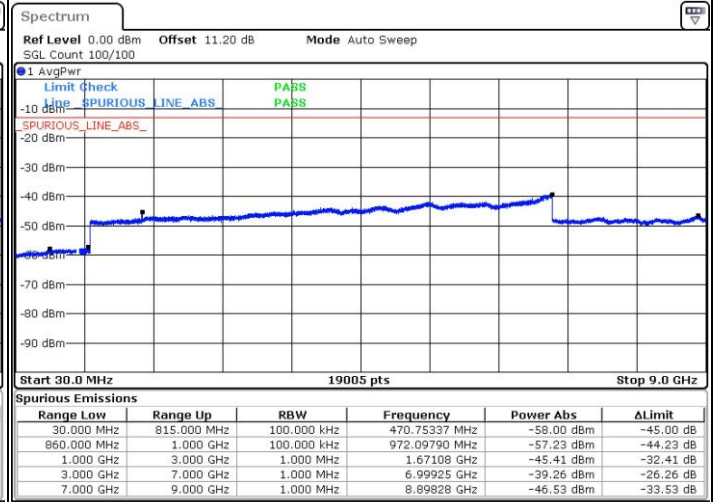
LTE Band 5 / 3MHz

Middle Channel / QPSK



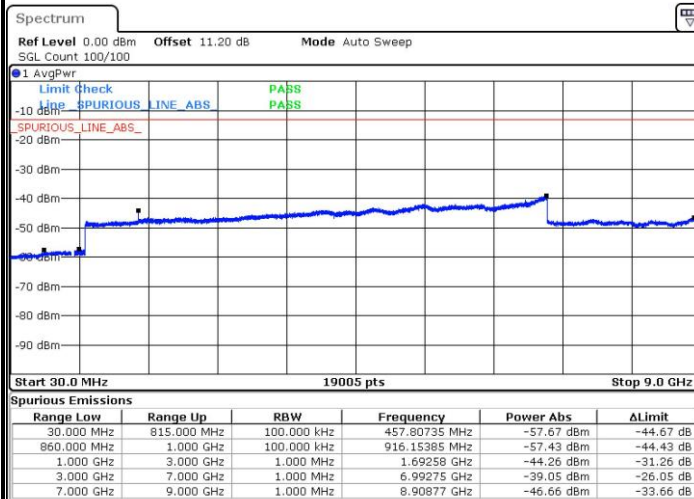
Date: 23.JUN.2019 18:16:40

Middle Channel / 16QAM



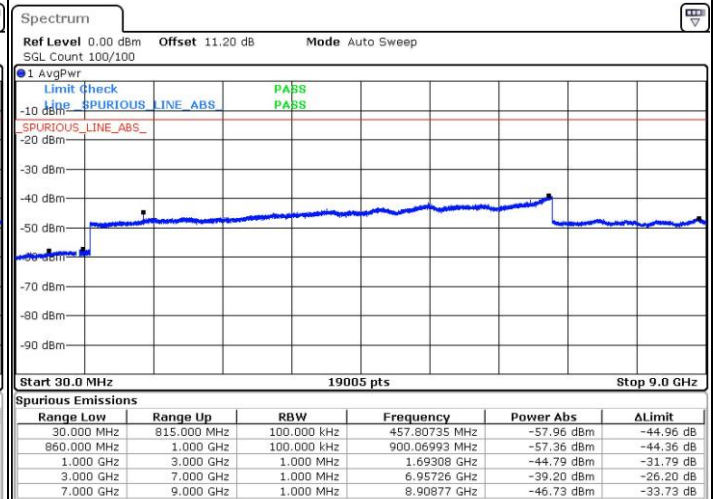
Date: 23.JUN.2019 18:17:42

Highest Channel / QPSK



Date: 23.JUN.2019 18:26:08

Highest Channel / 16QAM

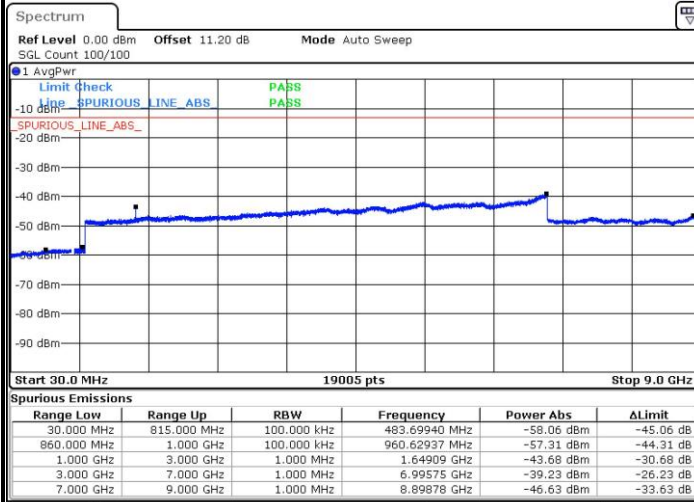


Date: 23.JUN.2019 18:27:11



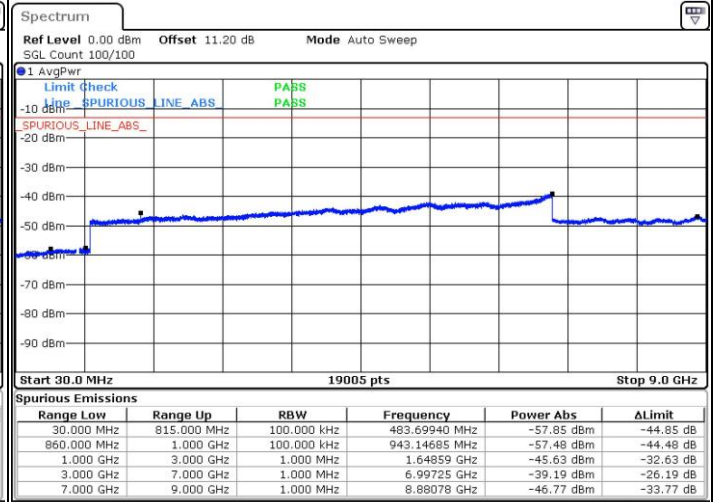
LTE Band 5 / 5MHz

Lowest Channel / QPSK



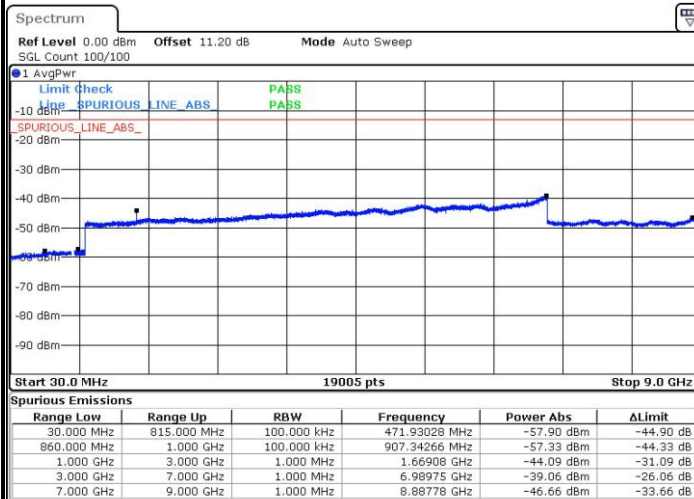
Date: 23.JUN.2019 18:35:36

Lowest Channel / 16QAM



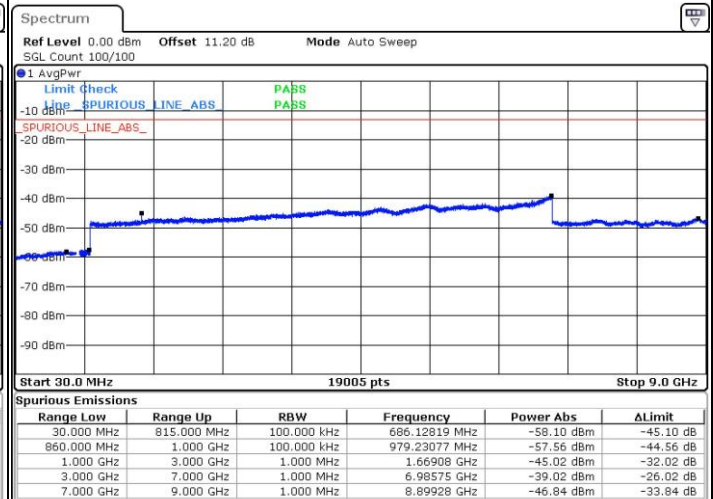
Date: 23.JUN.2019 18:36:39

Middle Channel / QPSK



Date: 23.JUN.2019 18:38:28

Middle Channel / 16QAM

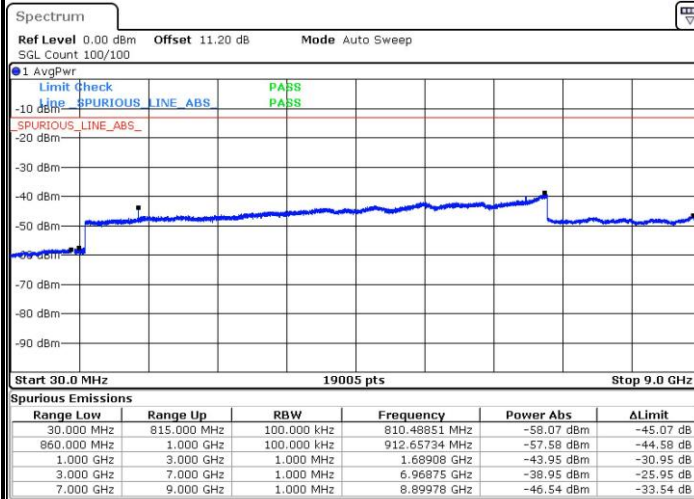


Date: 23.JUN.2019 18:39:30



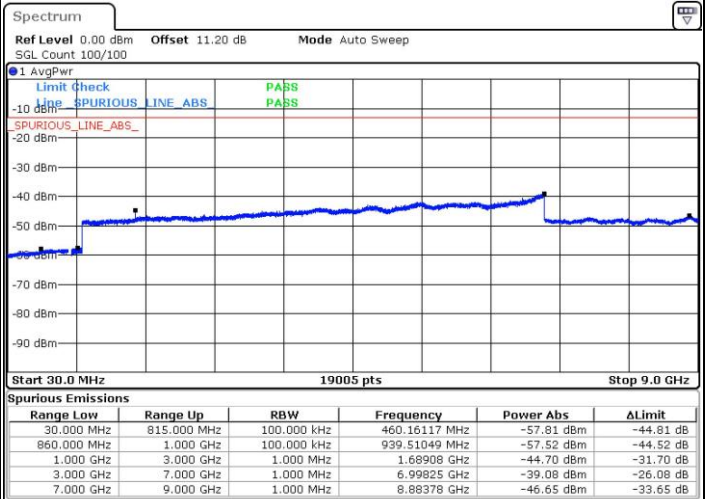
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 23.JUN.2019 18:47:56

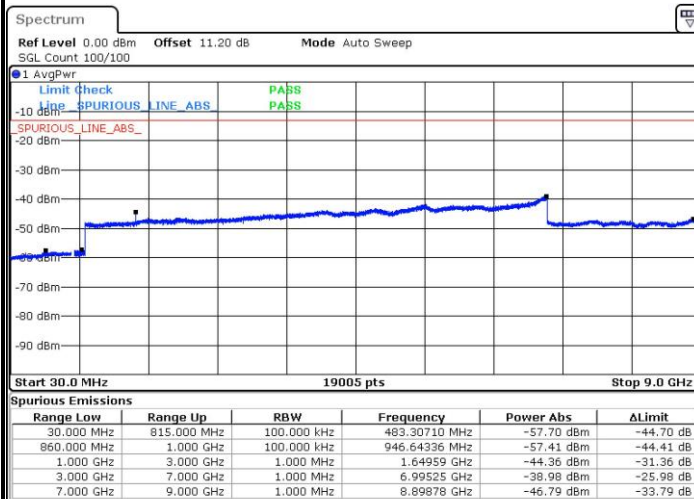
Highest Channel / 16QAM



Date: 23.JUN.2019 18:48:59

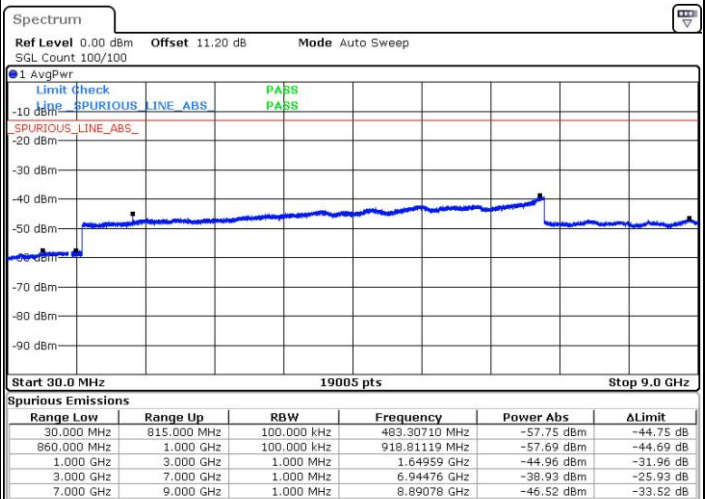
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 23.JUN.2019 18:57:25

Lowest Channel / 16QAM

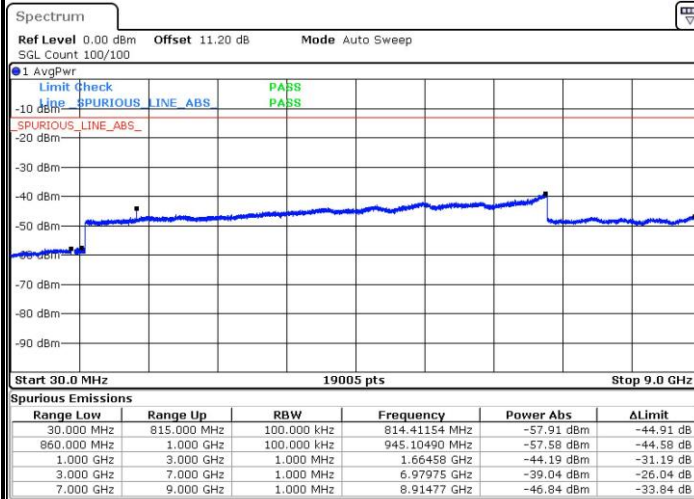


Date: 23.JUN.2019 18:58:28



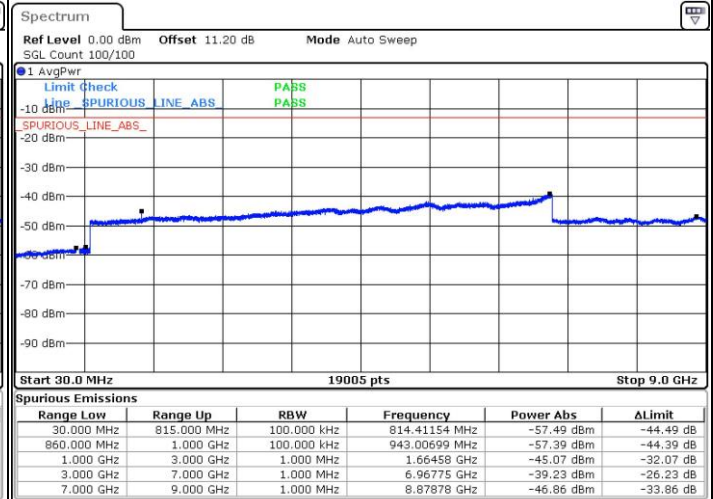
LTE Band 5 / 10MHz

Middle Channel / QPSK



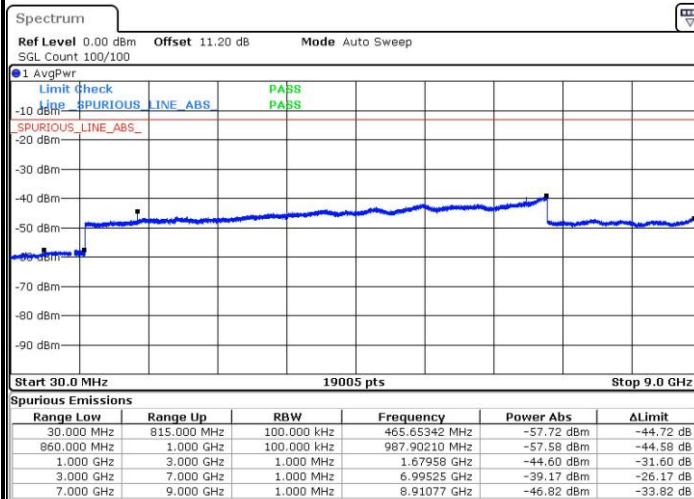
Date: 23.JUN.2019 19:00:16

Middle Channel / 16QAM



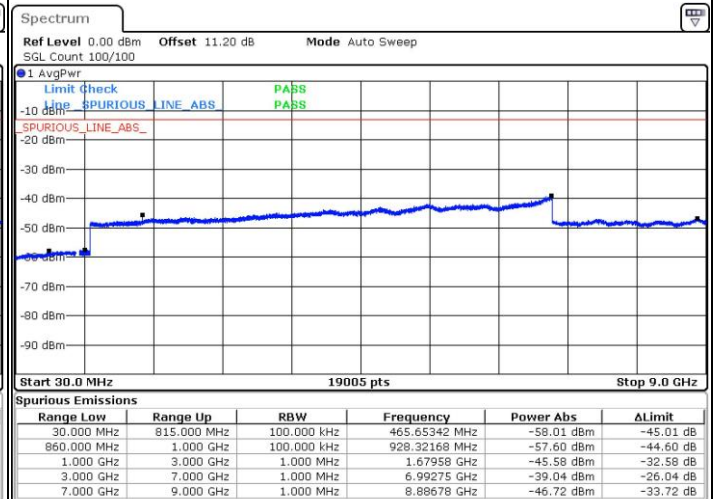
Date: 23.JUN.2019 19:01:19

Highest Channel / QPSK



Date: 23.JUN.2019 19:09:45

Highest Channel / 16QAM



Date: 23.JUN.2019 19:10:48

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0094	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0036	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4	4.78	4.52	5.83	PASS
Middle CH	3.65	5.01	4.64	5.91	
Highest CH	4.46	5.01	4.96	5.91	