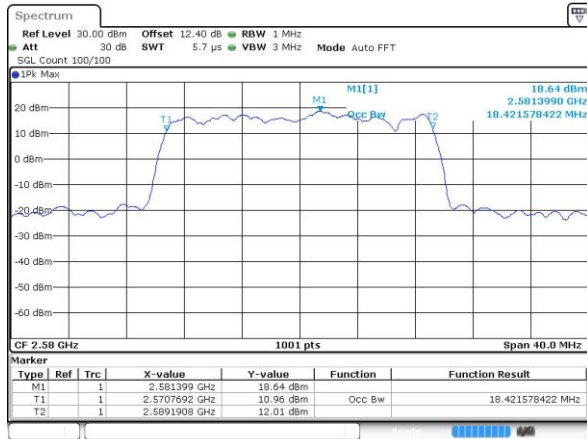


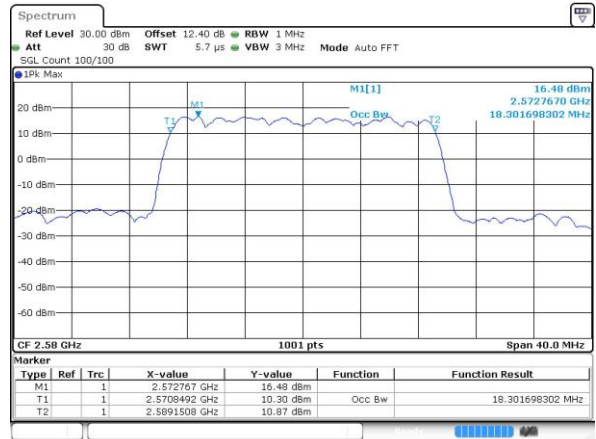


LTE Band 38

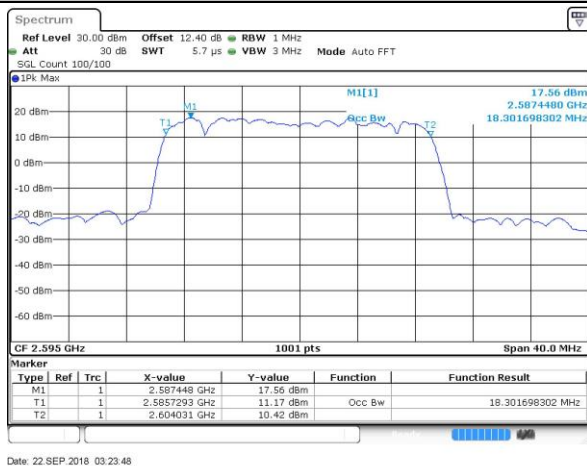
Lowest Channel / 20MHz / QPSK



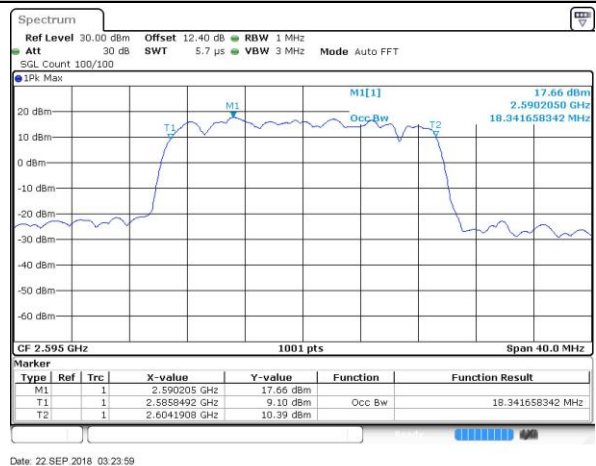
Lowest Channel / 20MHz / 16QAM



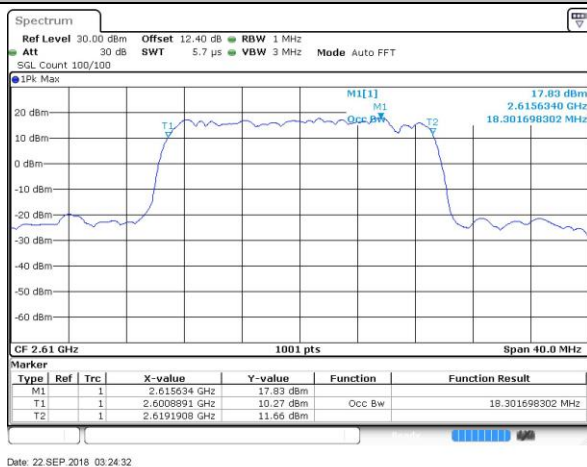
Middle Channel / 20MHz / QPSK



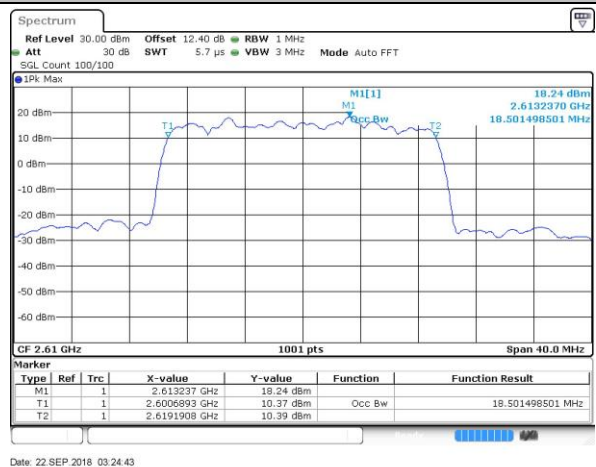
Middle Channel / 20MHz / 16QAM

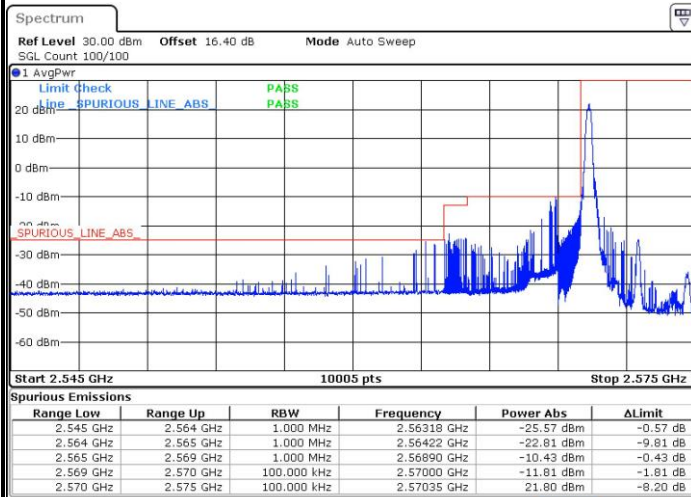
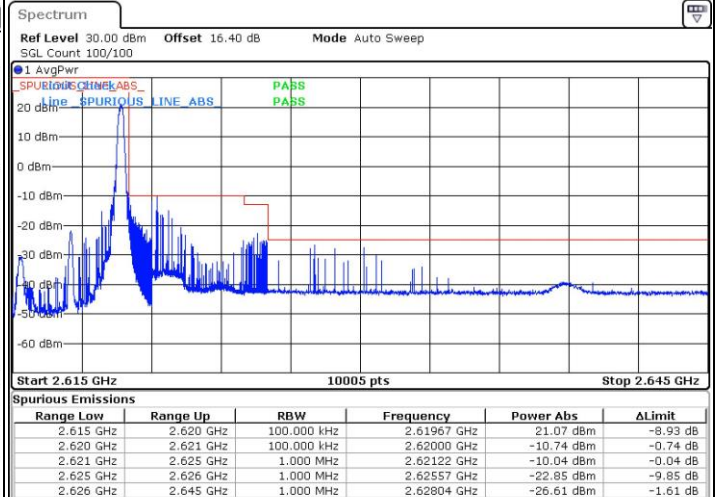
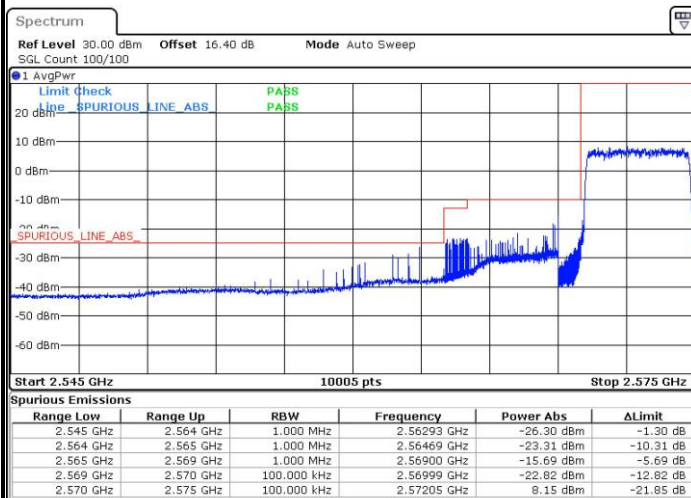
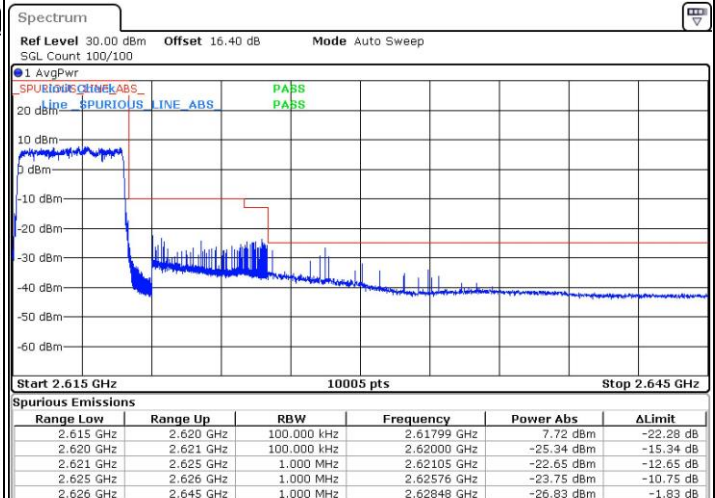


Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

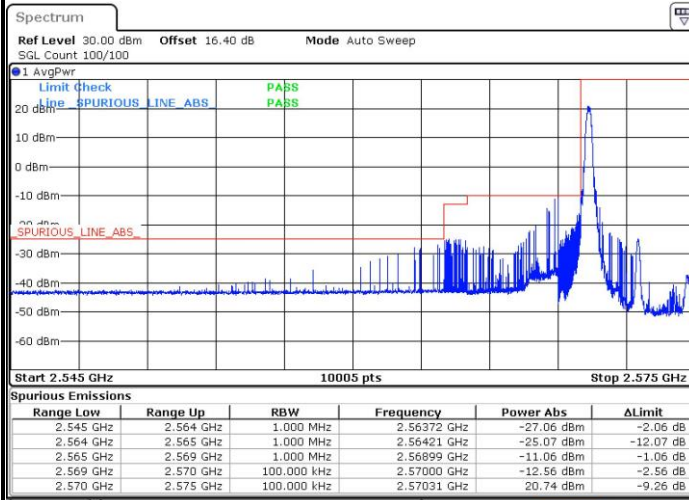


**Conducted Band Edge****LTE Band 38 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



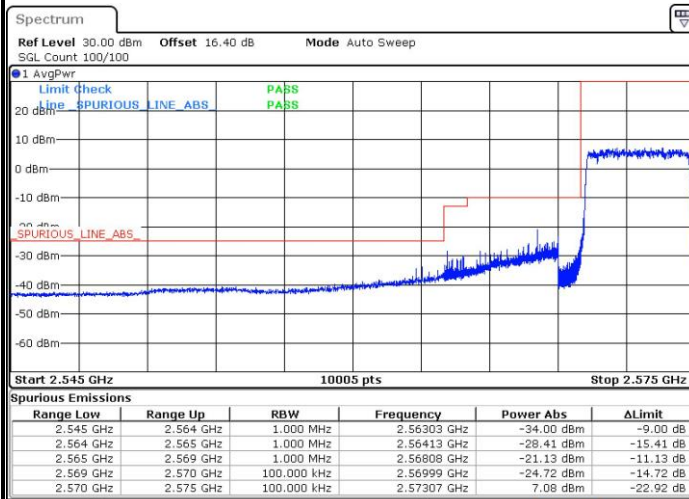
Date: 22 SEP 2018 05:05:39

Highest Band Edge / 1 RB



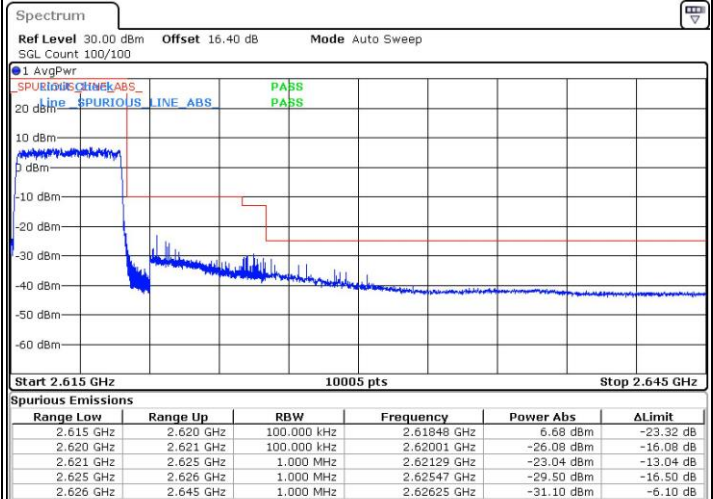
Date: 22 SEP 2018 02:25:22

Lowest Band Edge / Full RB



Date: 22 SEP 2018 02:20:46

Highest Band Edge / Full RB

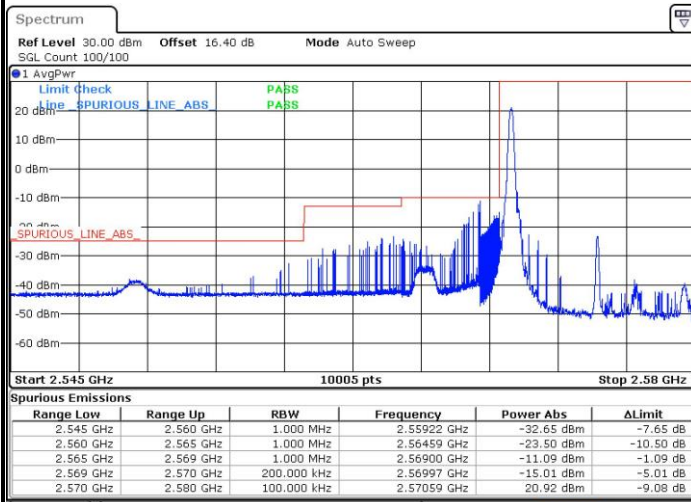


Date: 22 SEP 2018 02:23:04

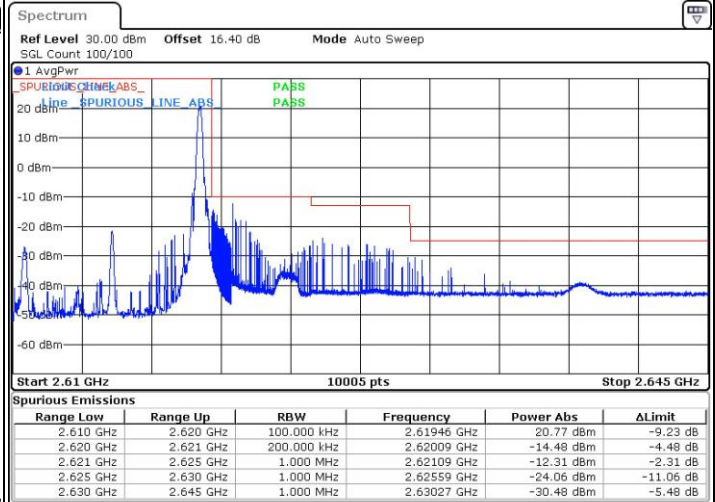


LTE Band 38 / 10MHz / QPSK

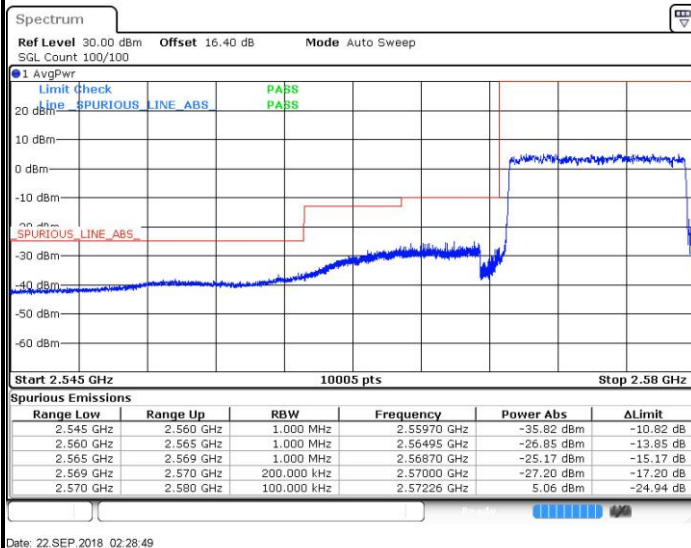
Lowest Band Edge / 1 RB



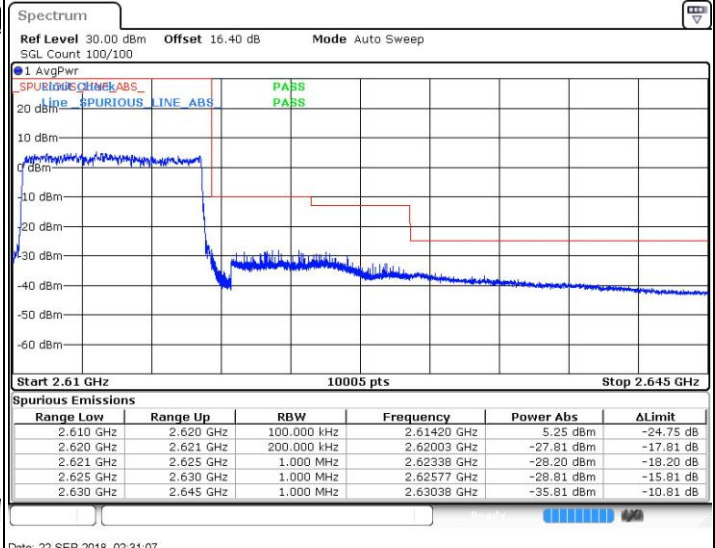
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



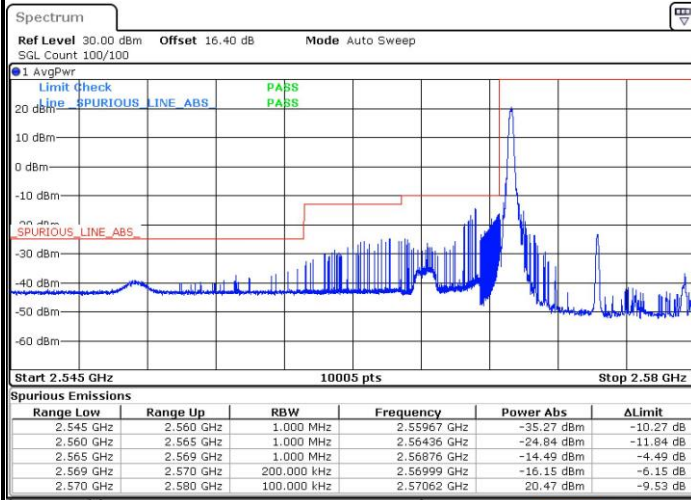
Highest Band Edge / Full RB



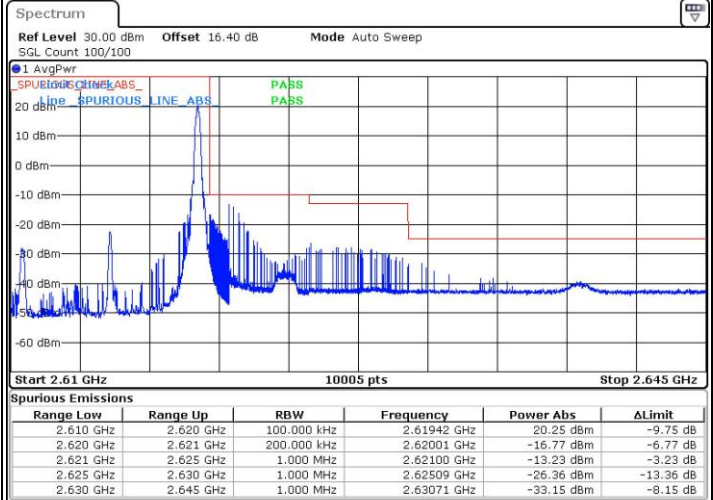


LTE Band 38 / 10MHz / 16QAM

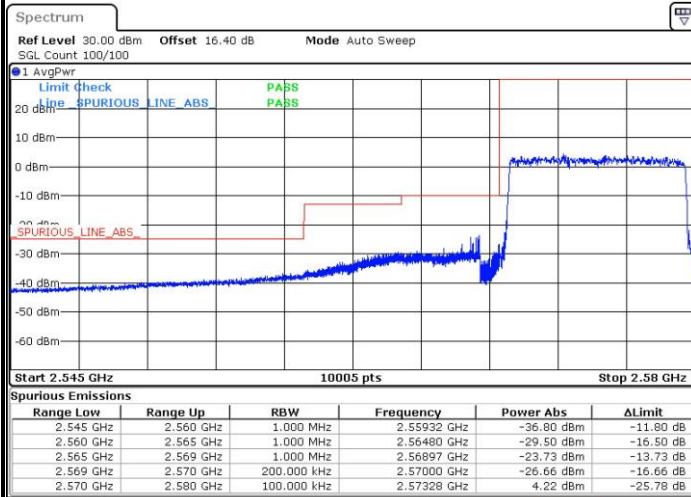
Lowest Band Edge / 1 RB



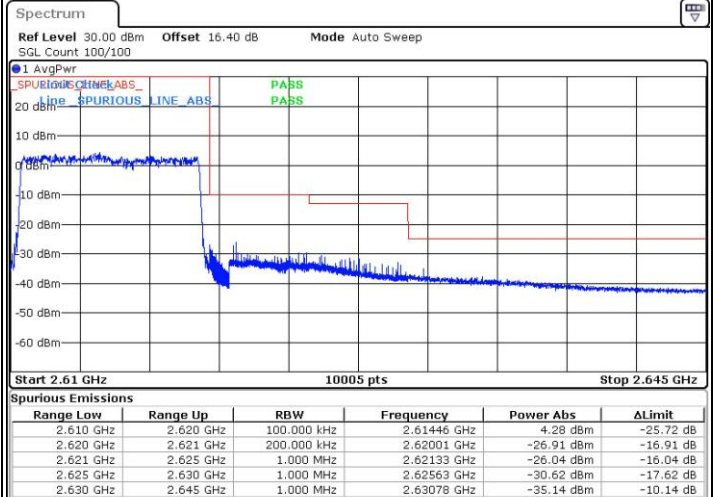
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



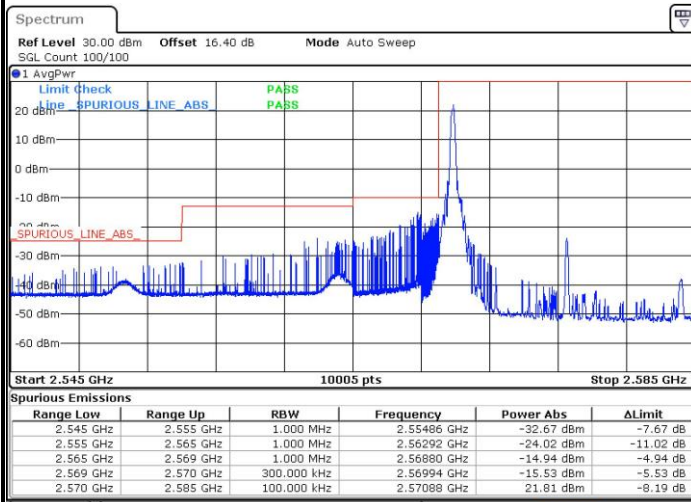
Highest Band Edge / Full RB



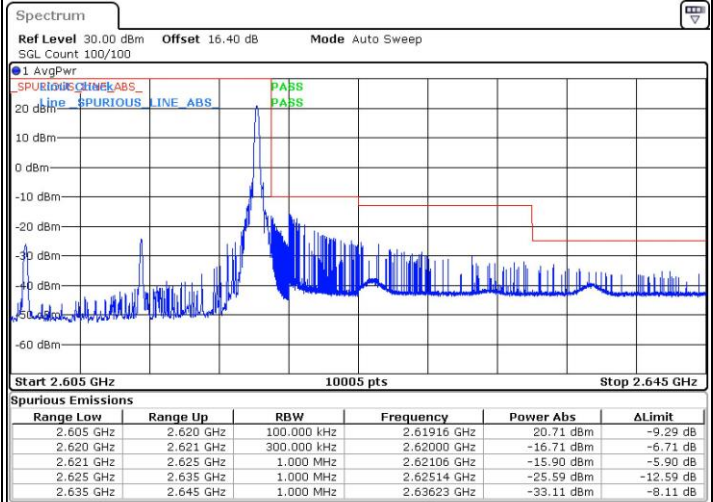


LTE Band 38 / 15MHz / QPSK

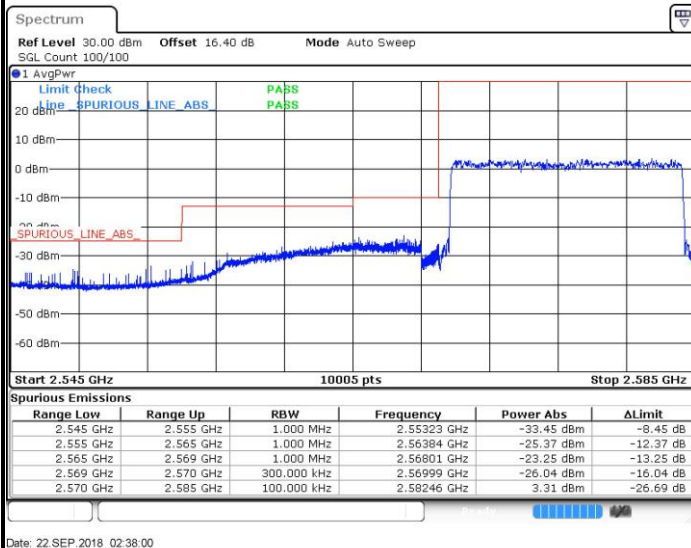
Lowest Band Edge / 1 RB



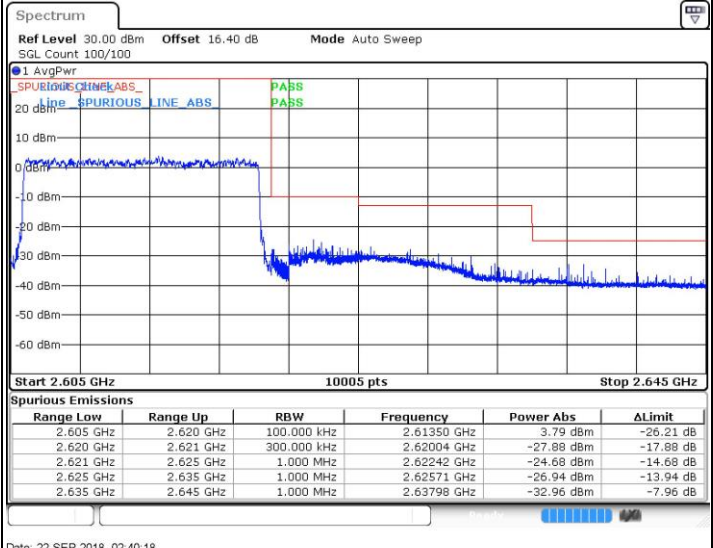
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



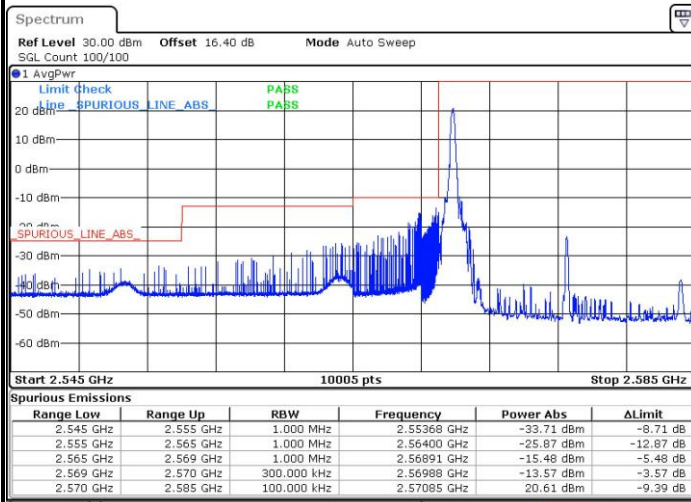
Highest Band Edge / Full RB



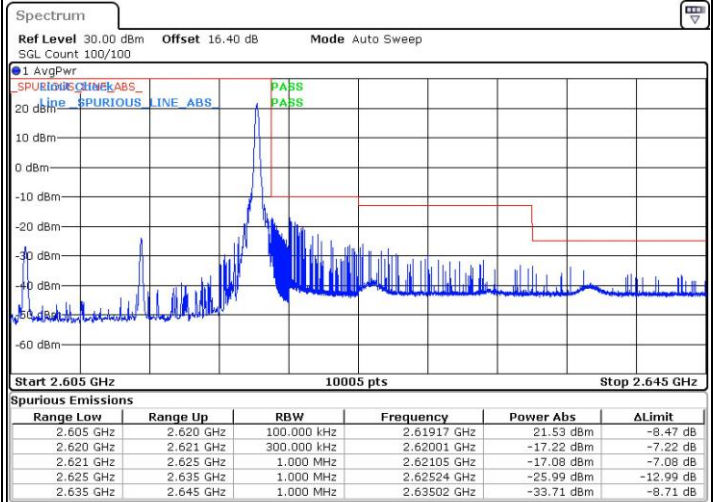


LTE Band 38 / 15MHz / 16QAM

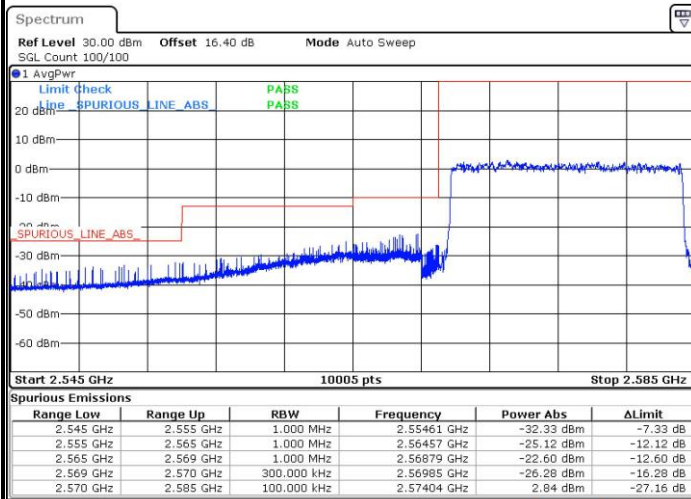
Lowest Band Edge / 1 RB



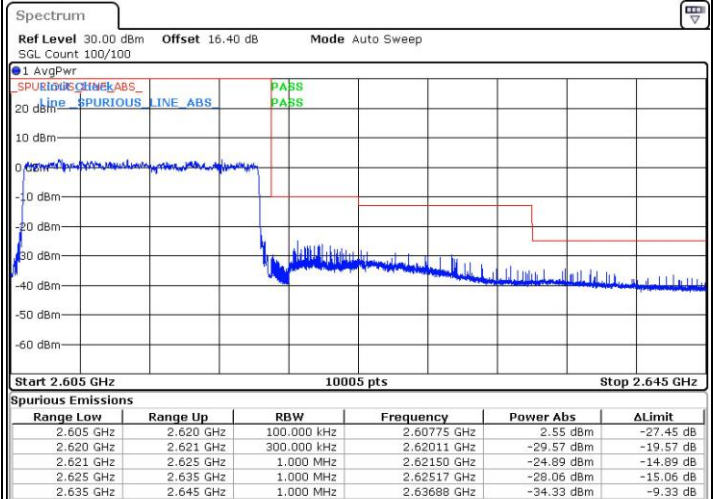
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



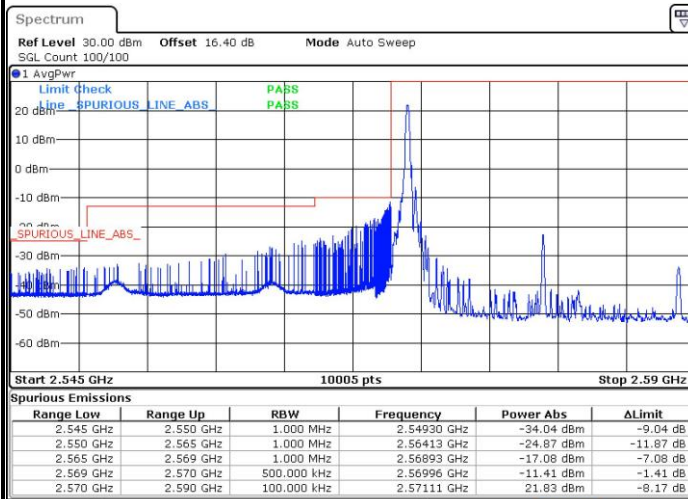
Highest Band Edge / Full RB



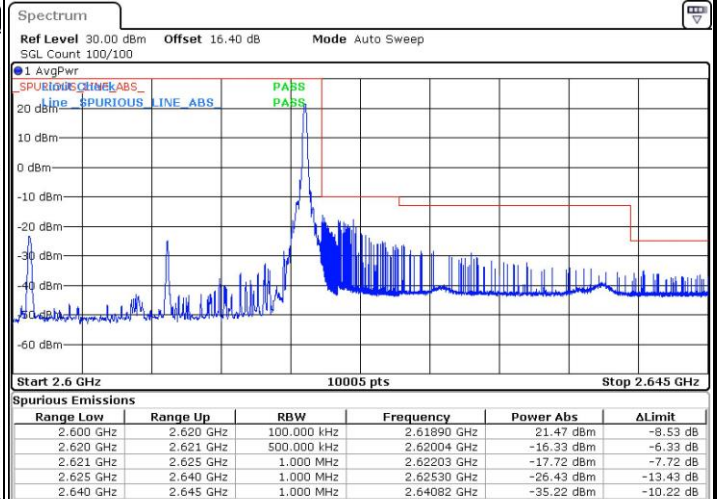


LTE Band 38 / 20MHz / QPSK

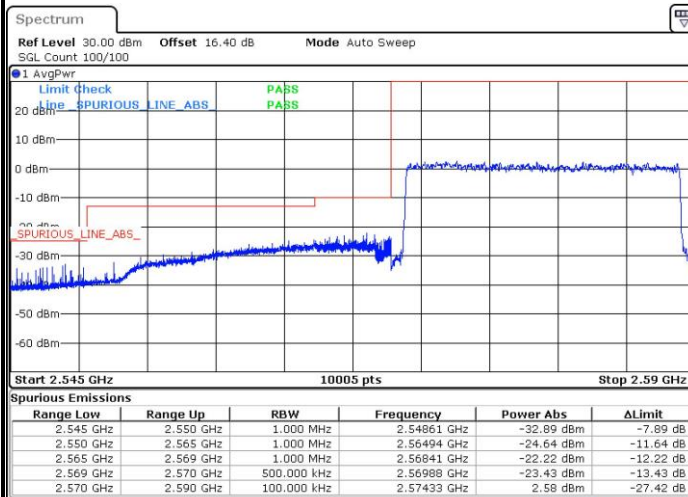
Lowest Band Edge / 1 RB



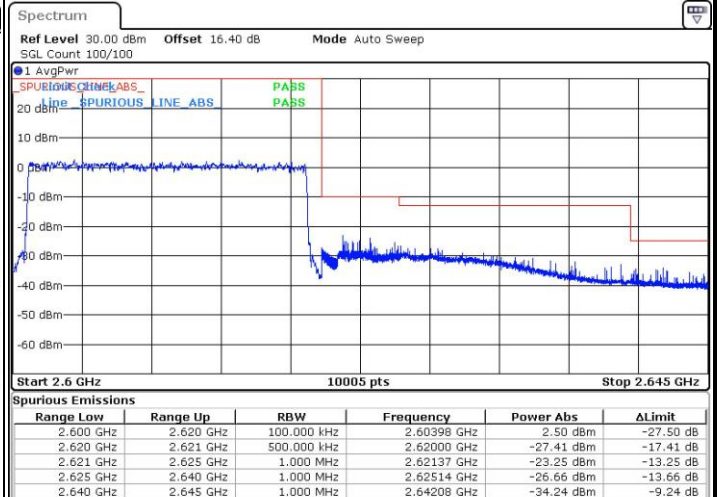
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



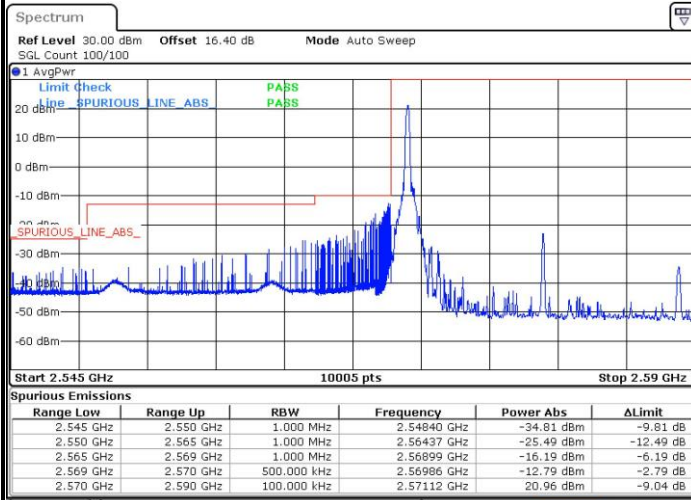
Highest Band Edge / Full RB



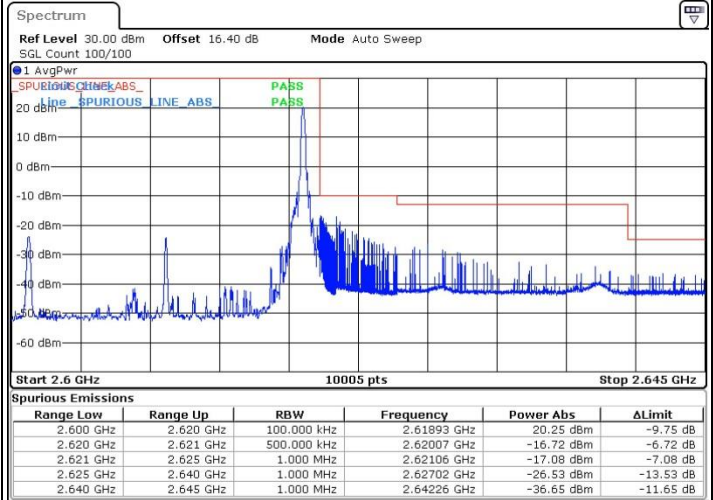


LTE Band 38 / 20MHz / 16QAM

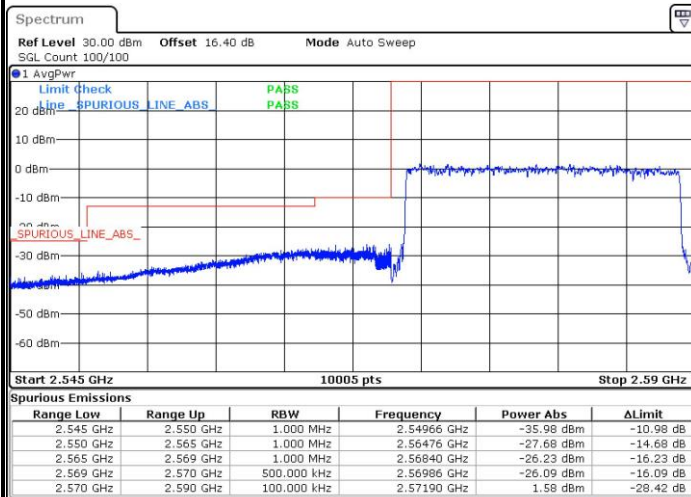
Lowest Band Edge / 1 RB



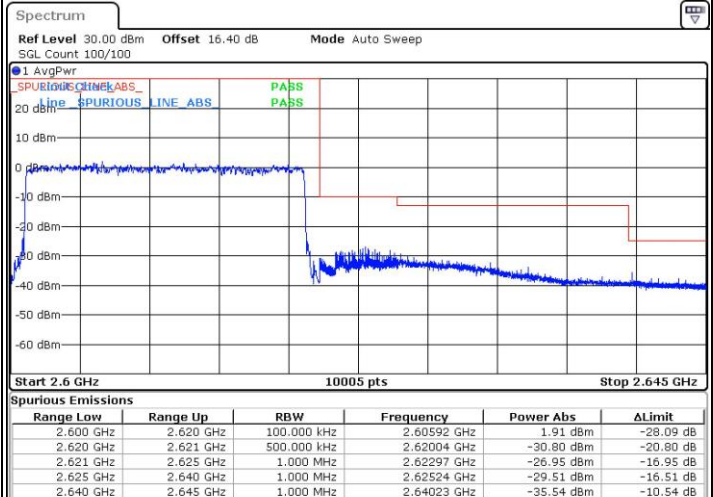
Highest Band Edge / 1 RB

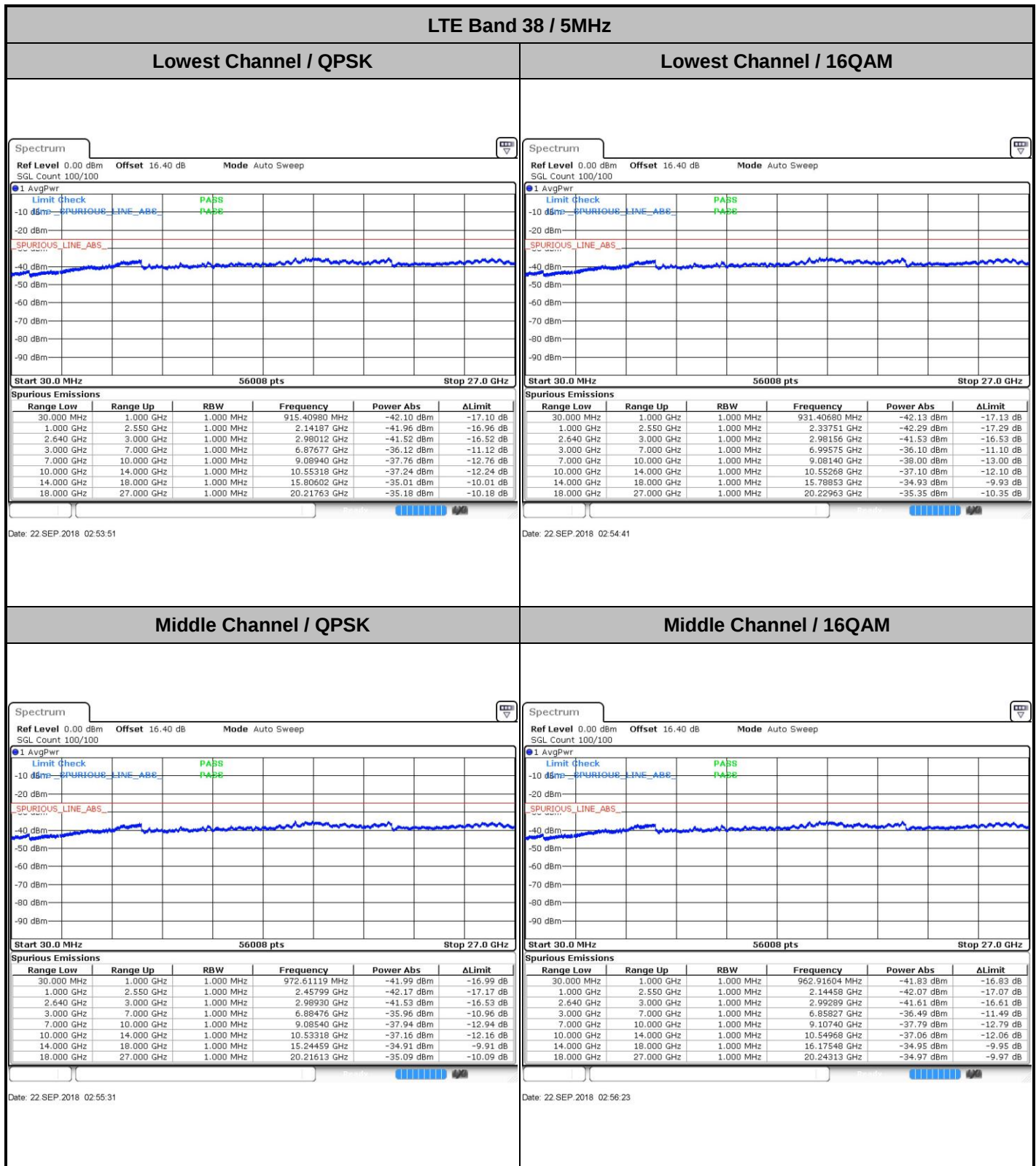


Lowest Band Edge / Full RB



Highest Band Edge / Full RB

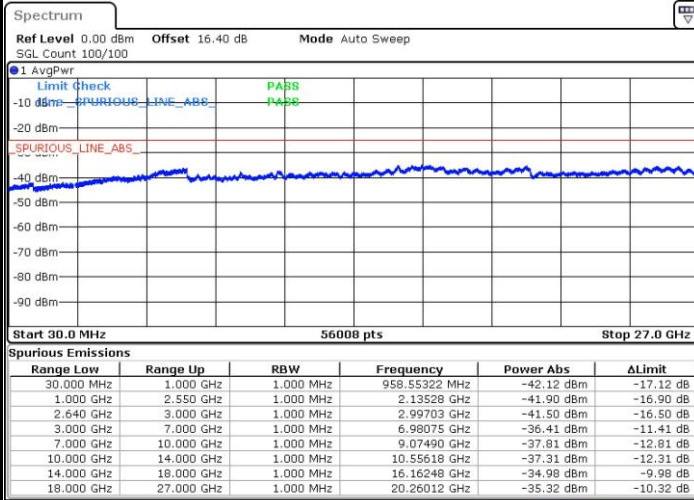


**Conducted Spurious Emission**



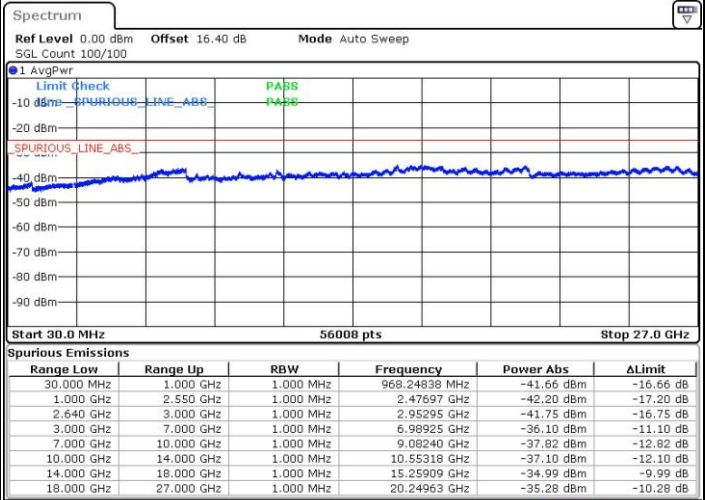
LTE Band 38 / 5MHz

Highest Channel / QPSK



Date: 22 SEP 2018 02:57:13

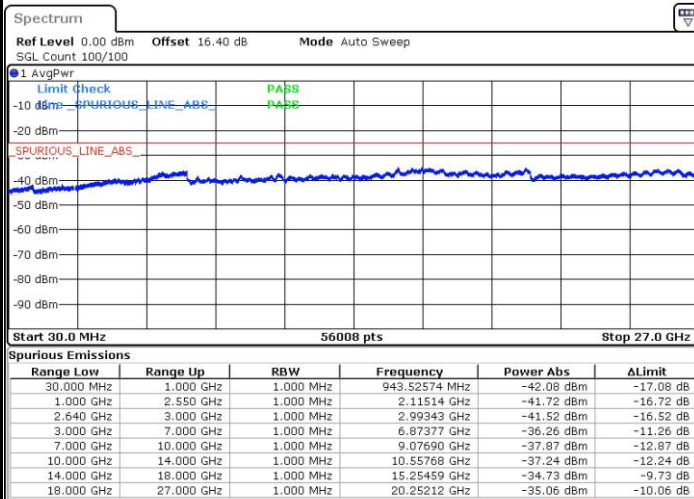
Highest Channel / 16QAM



Date: 22 SEP 2018 02:58:04

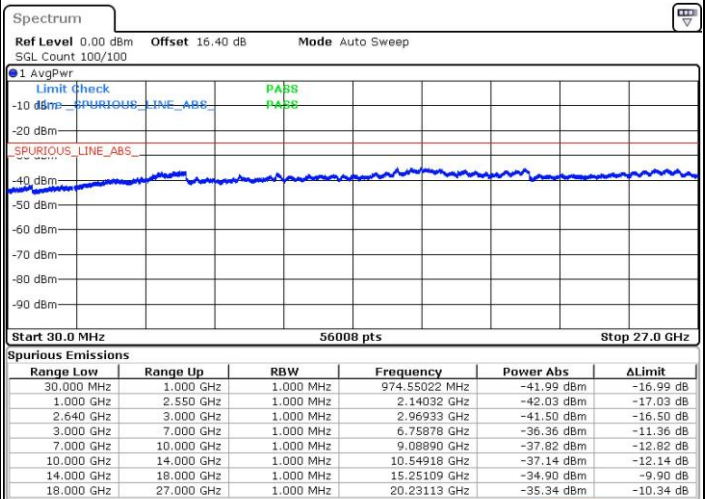
LTE Band 38 / 10MHz

Lowest Channel / QPSK



Date: 22 SEP 2018 02:58:54

Lowest Channel / 16QAM

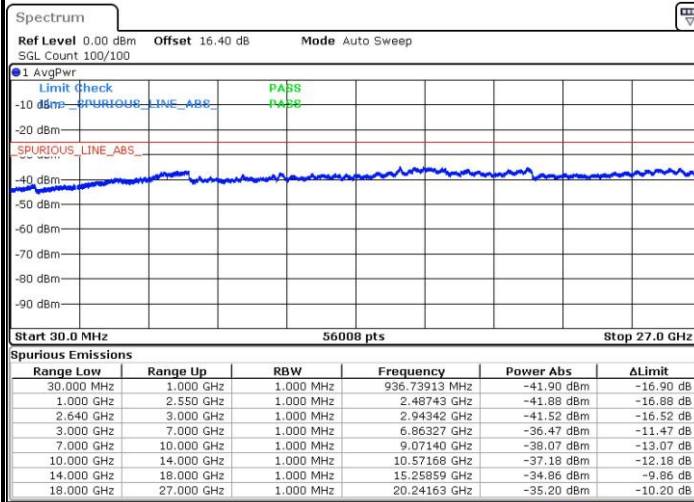


Date: 22 SEP 2018 02:59:44



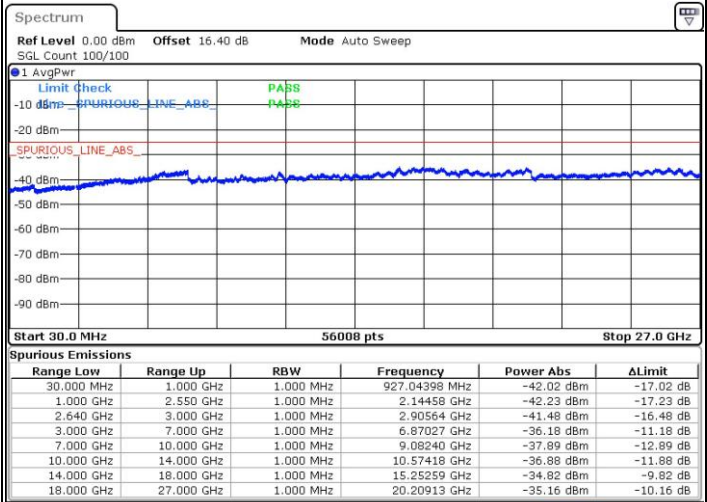
LTE Band 38 / 10MHz

Middle Channel / QPSK



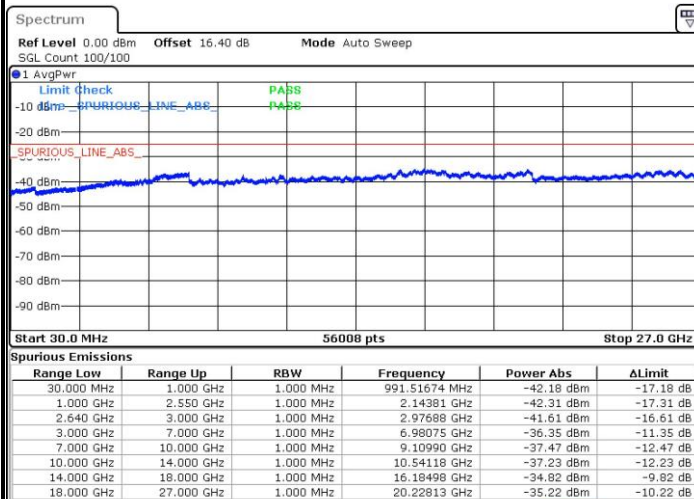
Date: 22 SEP 2018 03:00:34

Middle Channel / 16QAM



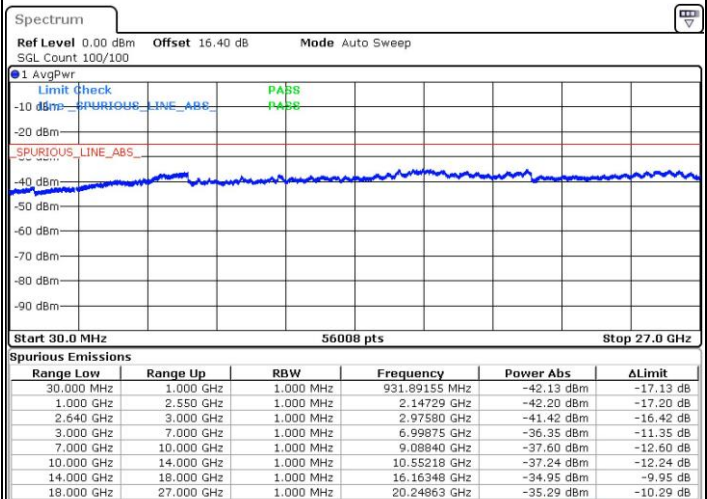
Date: 22 SEP 2018 03:01:24

Highest Channel / QPSK



Date: 22 SEP 2018 03:02:14

Highest Channel / 16QAM

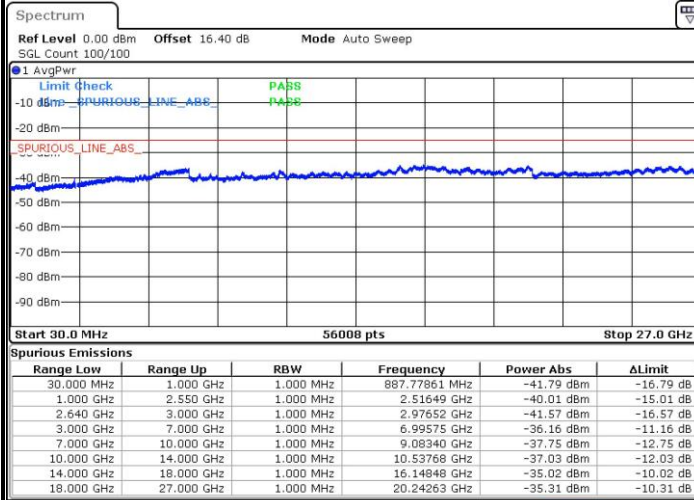


Date: 22 SEP 2018 03:03:05



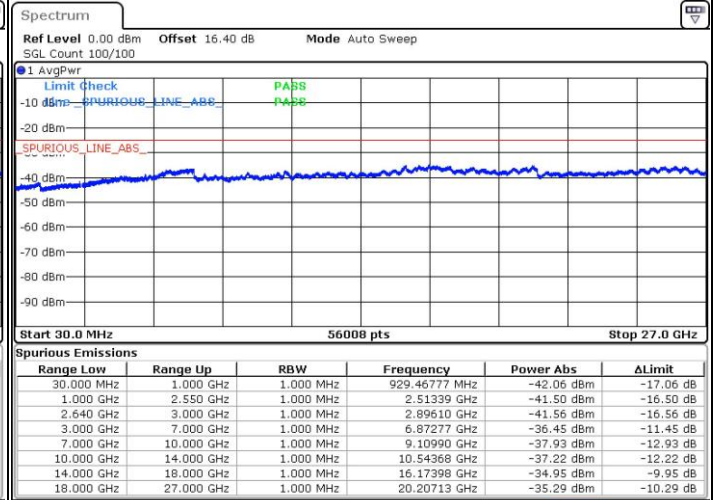
LTE Band 38 / 15MHz

Lowest Channel / QPSK



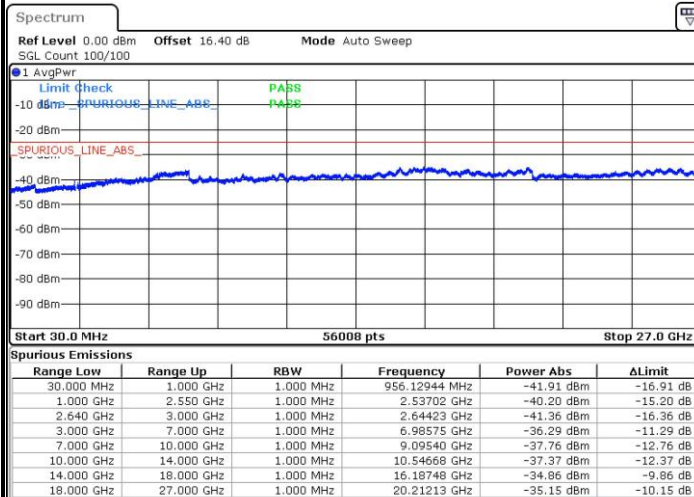
Date: 22 SEP 2018 03:03:55

Lowest Channel / 16QAM



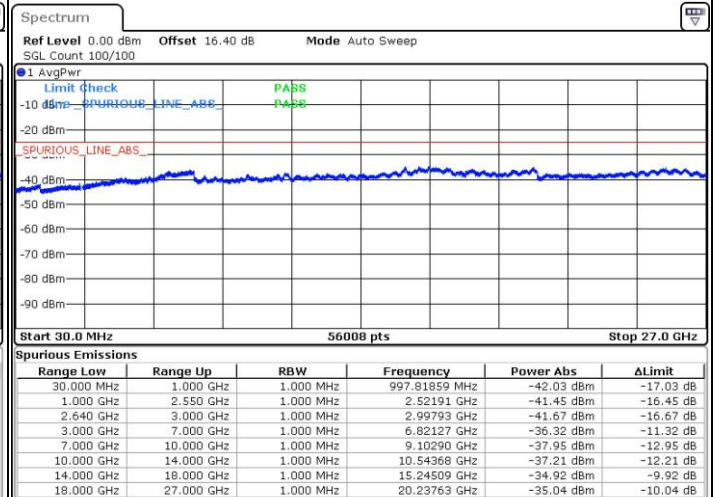
Date: 22 SEP 2018 03:04:45

Middle Channel / QPSK



Date: 22 SEP 2018 03:05:35

Middle Channel / 16QAM

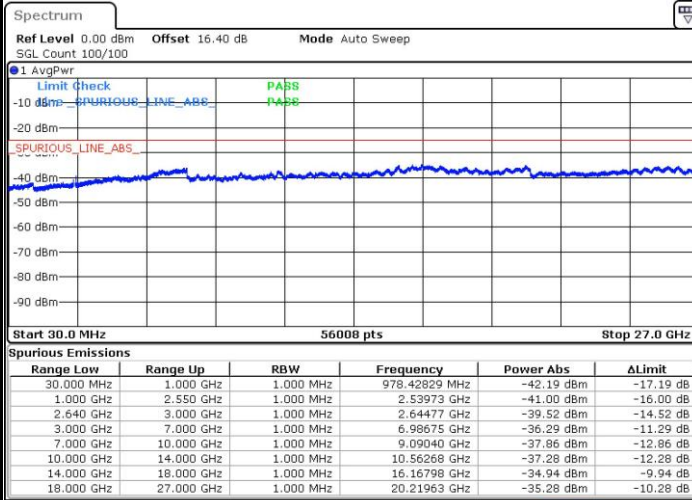


Date: 22 SEP 2018 03:06:25



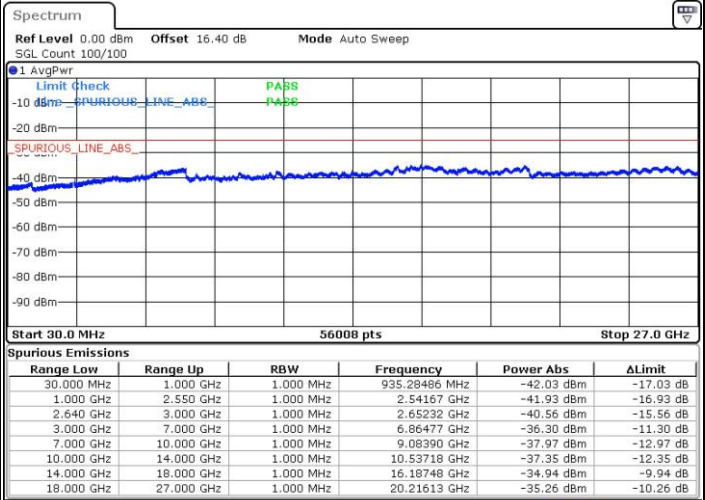
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 22 SEP 2018 03:07:16

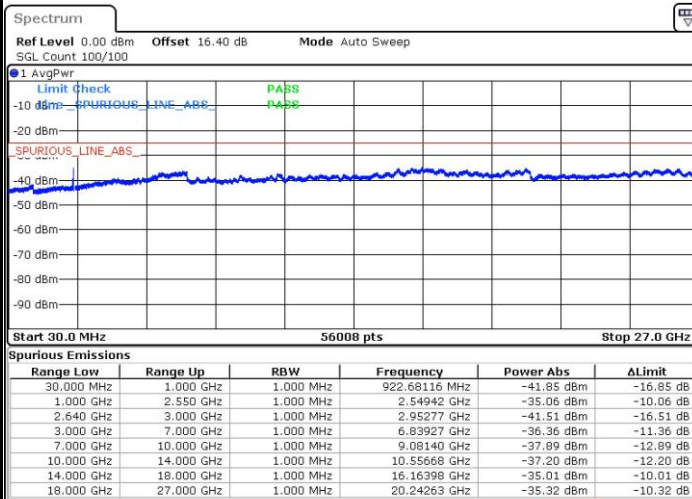
Highest Channel / 16QAM



Date: 22 SEP 2018 03:08:06

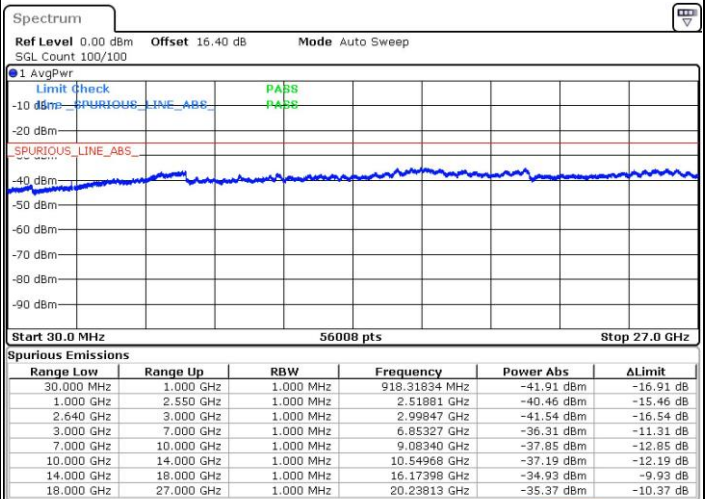
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 22 SEP 2018 03:08:56

Lowest Channel / 16QAM

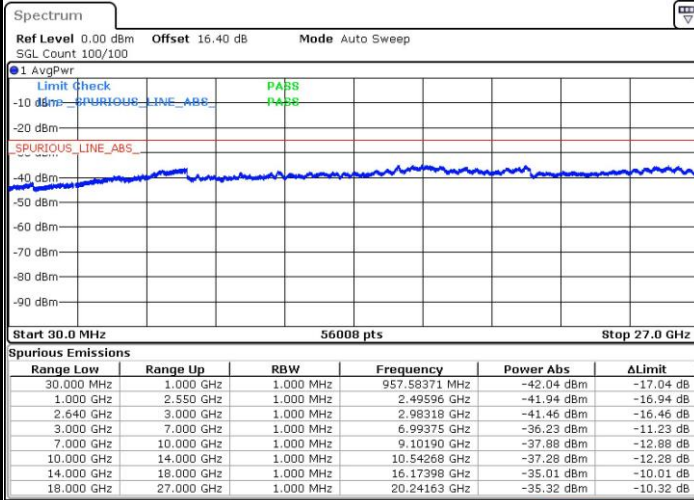


Date: 22 SEP 2018 03:09:46



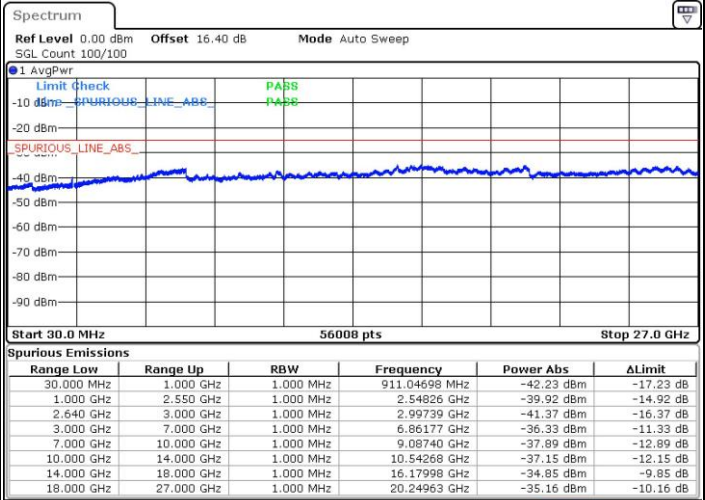
LTE Band 38 / 20MHz

Middle Channel / QPSK



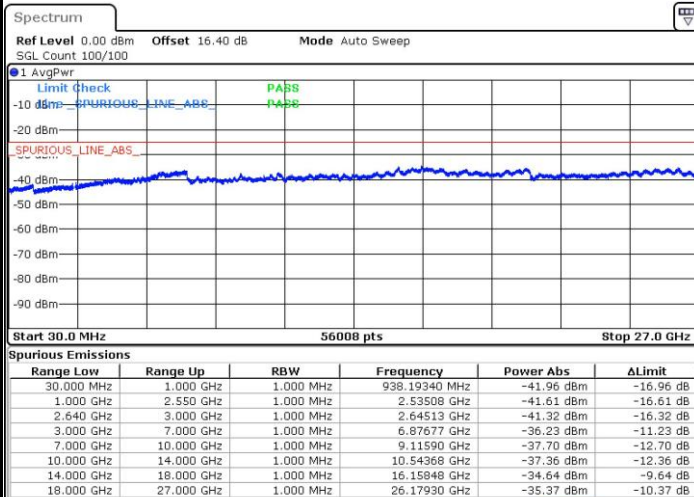
Date: 22 SEP 2018 03:10:36

Middle Channel / 16QAM



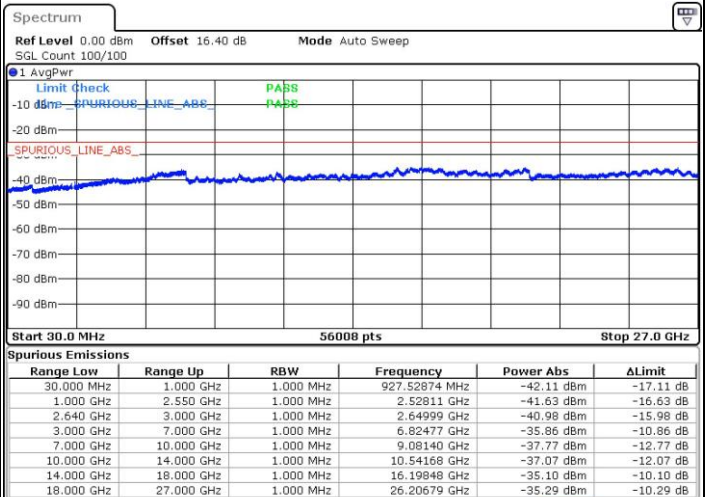
Date: 22 SEP 2018 03:11:27

Highest Channel / QPSK



Date: 22 SEP 2018 03:12:17

Highest Channel / 16QAM



Date: 22 SEP 2018 03:13:07

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

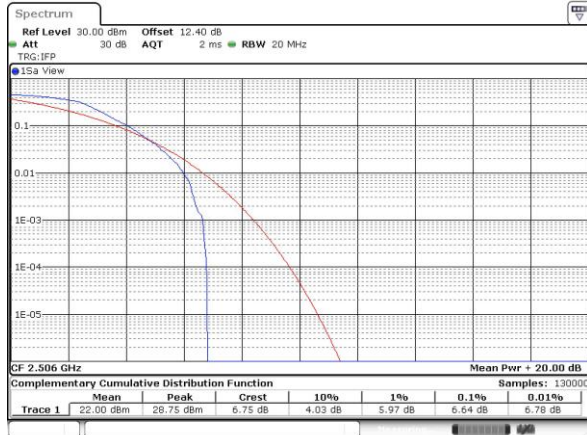
**LTE Band 41 HPUE****Peak-to-Average Ratio**

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.64	5.74	5.04	7.10	PASS
Middle CH	5.07	8.23	6.58	6.06	
Highest CH	7.59	5.30	7.65	8.43	

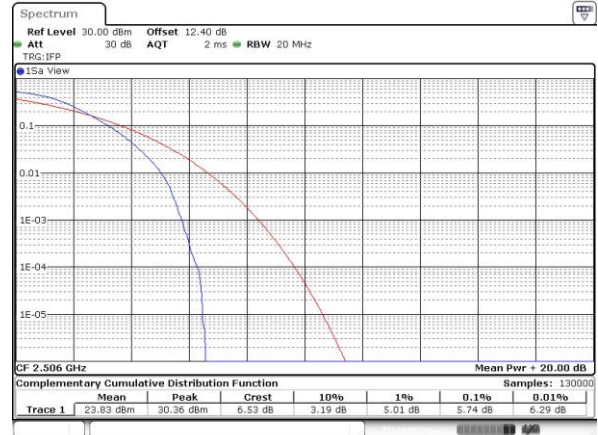


LTE Band 41 / 20MHz / QPSK

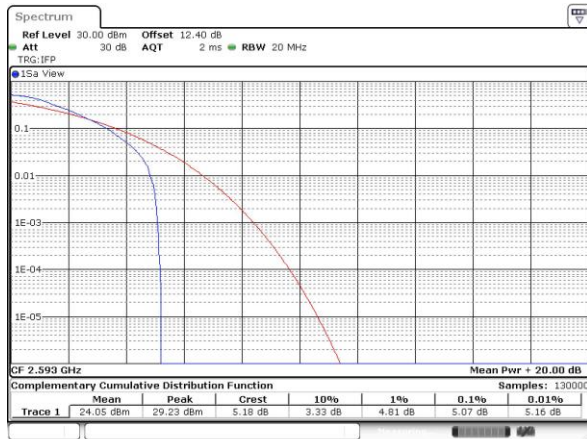
Lowest Channel / 1RB



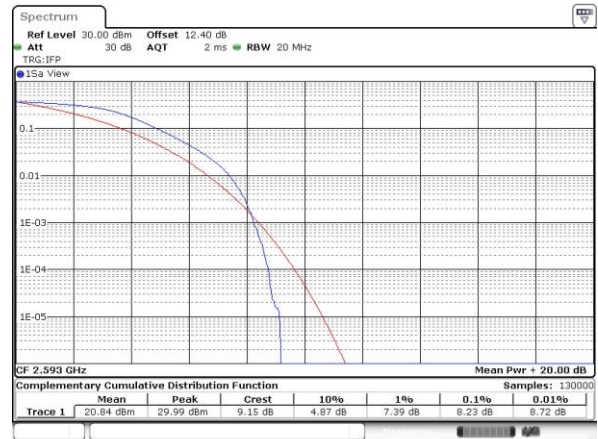
Lowest Channel / Full RB



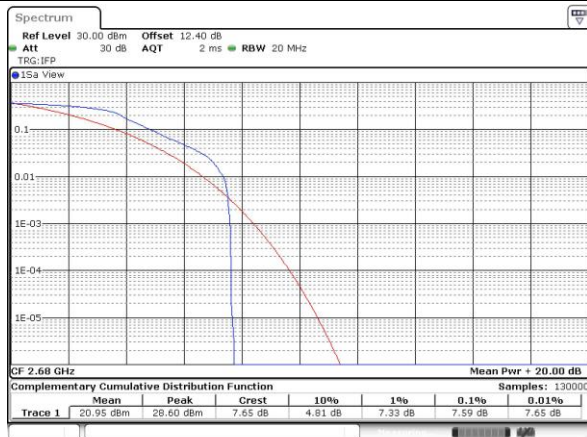
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

