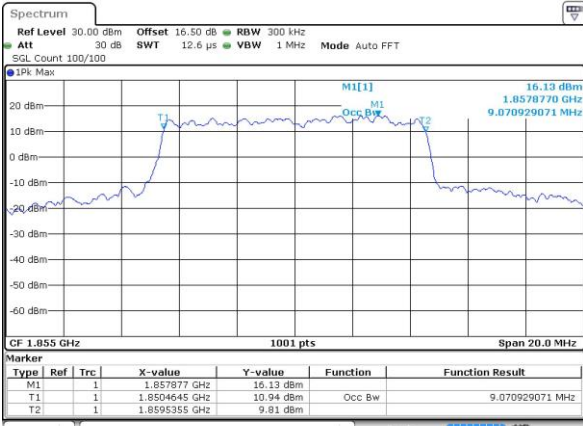




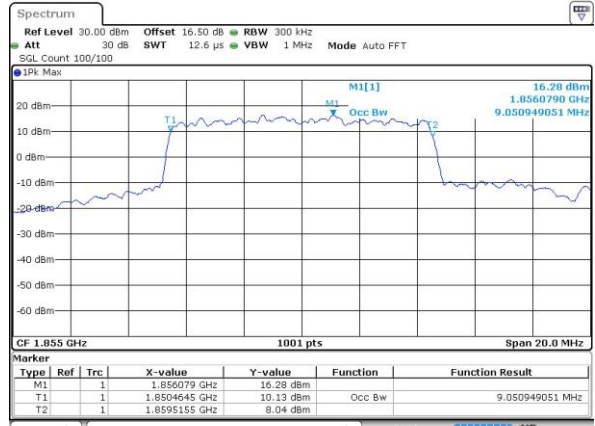
LTE Band 25

Lowest Channel / 10MHz / QPSK



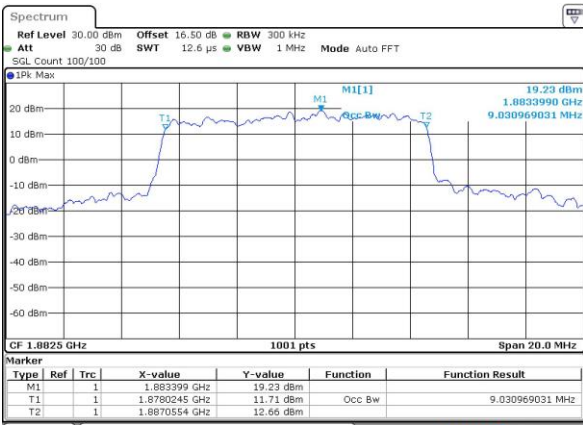
Date: 12 DEC 2018 19:05:46

Lowest Channel / 10MHz / 16QAM



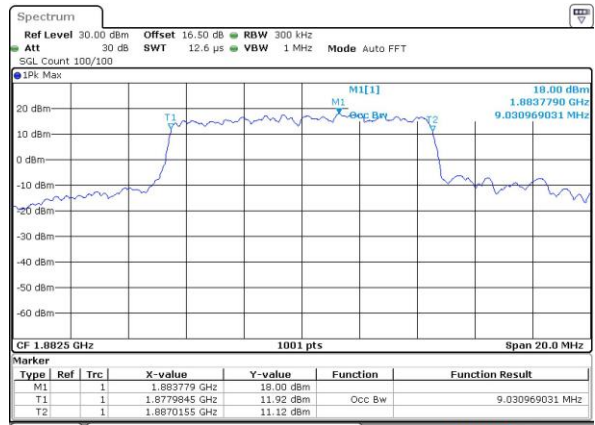
Date: 12 DEC 2018 19:05:57

Middle Channel / 10MHz / QPSK



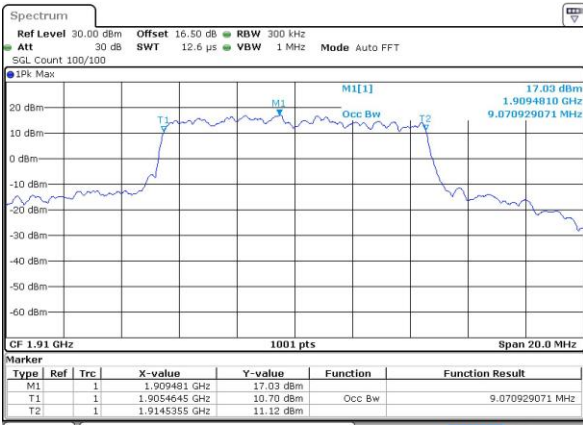
Date: 12 DEC 2018 19:11:43

Middle Channel / 10MHz / 16QAM



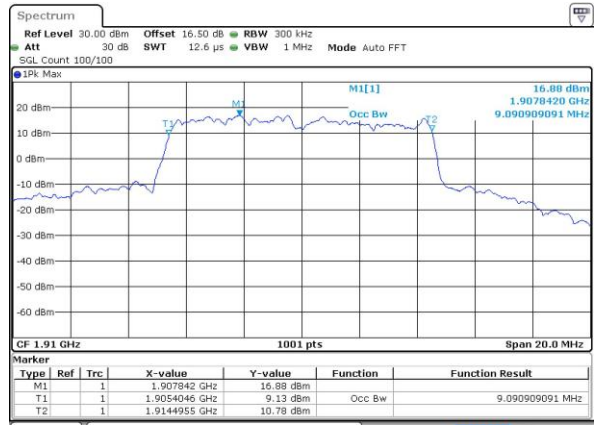
Date: 12 DEC 2018 19:11:54

Highest Channel / 10MHz / QPSK



Date: 12 DEC 2018 19:13:59

Highest Channel / 10MHz / 16QAM

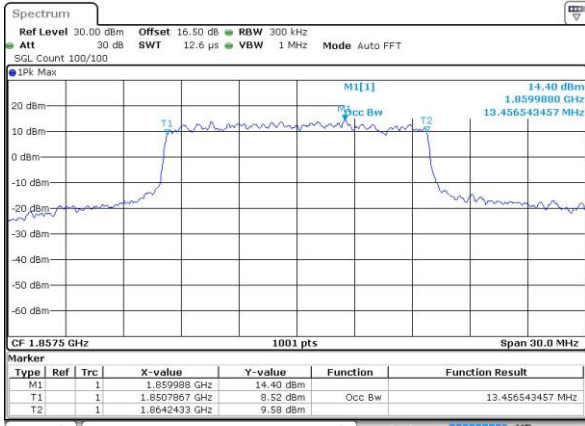


Date: 12 DEC 2018 19:14:11



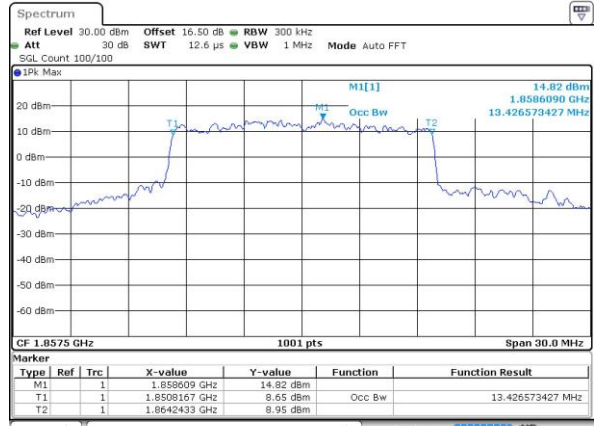
LTE Band 25

Lowest Channel / 15MHz / QPSK



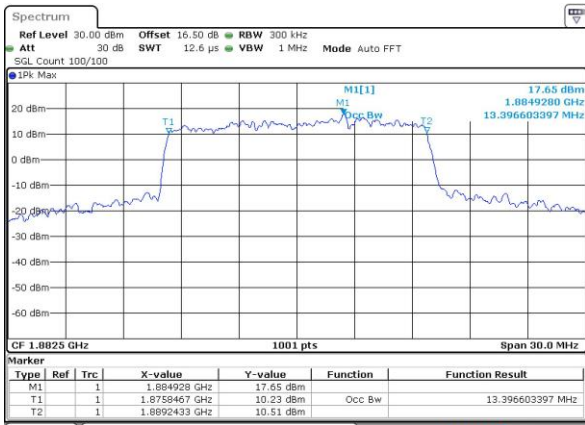
Date: 12 DEC 2018 19:19:56

Lowest Channel / 15MHz / 16QAM



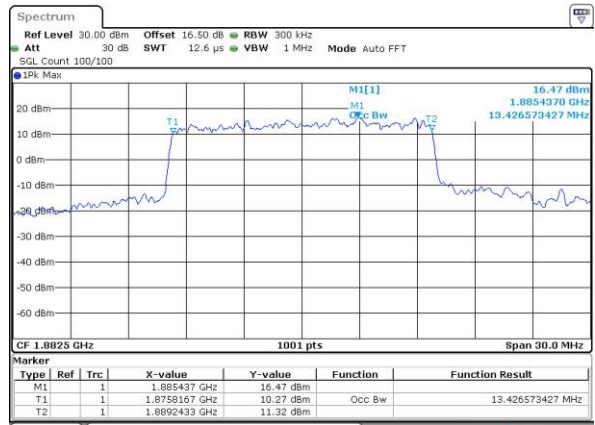
Date: 12 DEC 2018 19:20:08

Middle Channel / 15MHz / QPSK



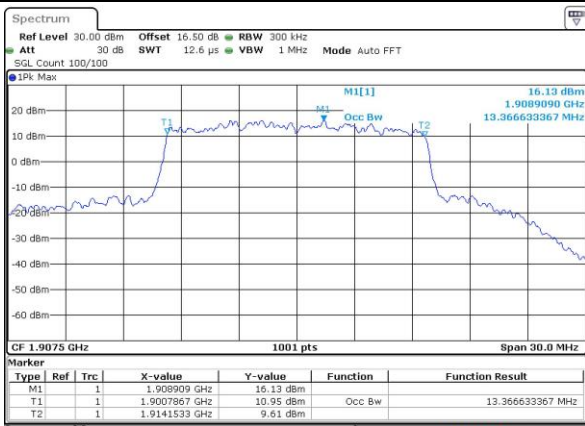
Date: 12 DEC 2018 19:25:53

Middle Channel / 15MHz / 16QAM



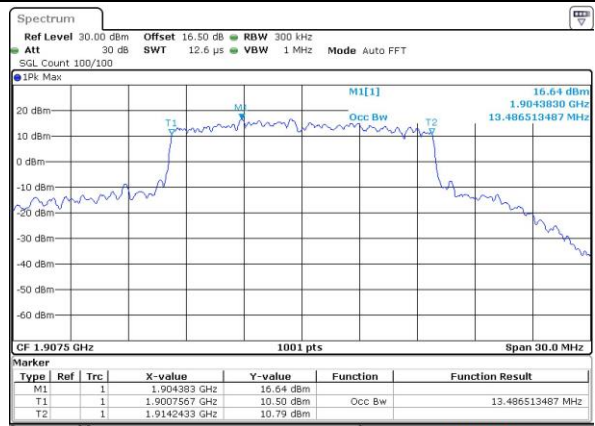
Date: 12 DEC 2018 19:26:04

Highest Channel / 15MHz / QPSK



Date: 12 DEC 2018 19:28:09

Highest Channel / 15MHz / 16QAM

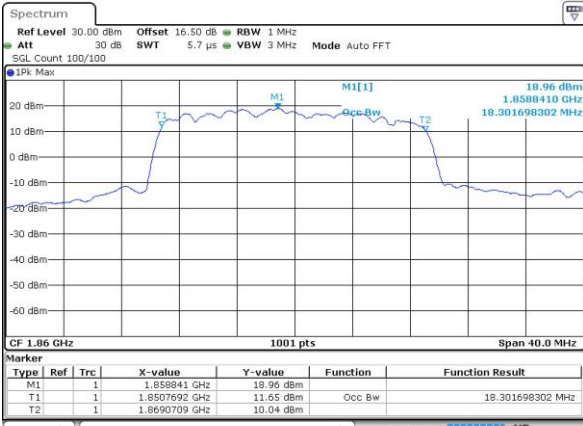


Date: 12 DEC 2018 19:28:21



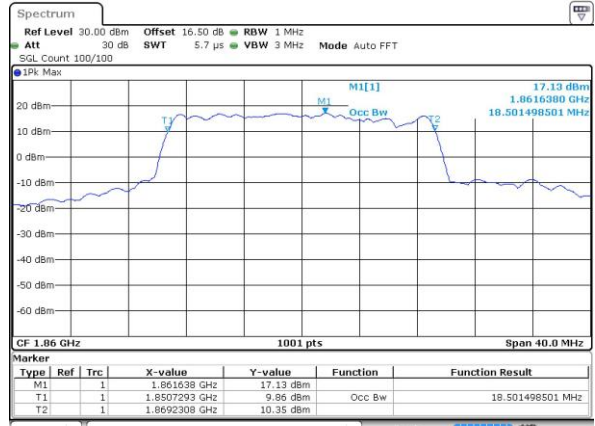
LTE Band 25

Lowest Channel / 20MHz / QPSK



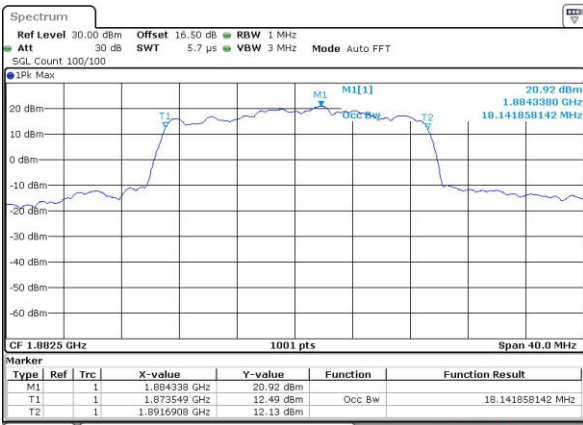
Date: 12 DEC 2018 19:36:51

Lowest Channel / 20MHz / 16QAM



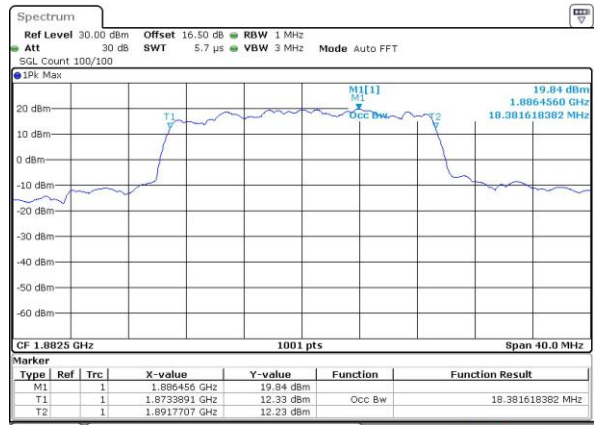
Date: 12 DEC 2018 19:37:02

Middle Channel / 20MHz / QPSK



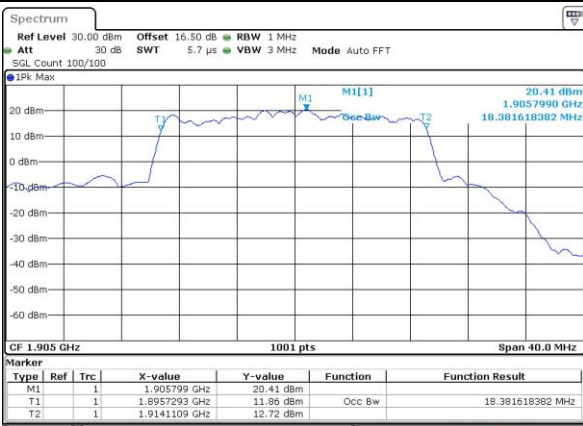
Date: 12 DEC 2018 19:45:09

Middle Channel / 20MHz / 16QAM



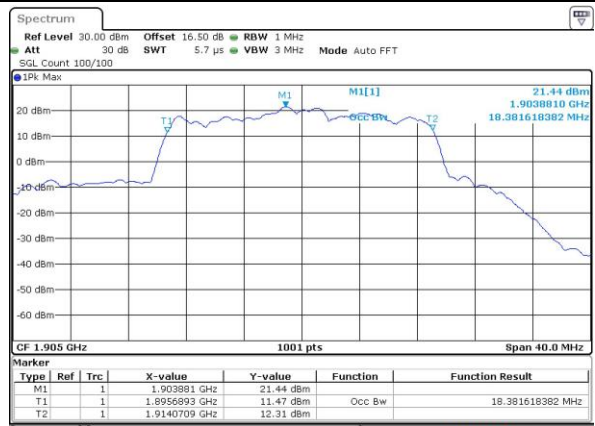
Date: 12 DEC 2018 19:45:20

Highest Channel / 20MHz / QPSK



Date: 12 DEC 2018 19:47:25

Highest Channel / 20MHz / 16QAM



Date: 12 DEC 2018 19:47:37

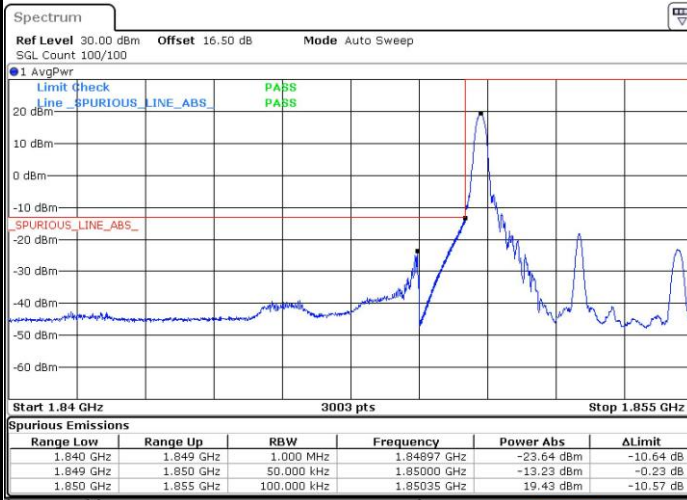


**Conducted Band Edge**



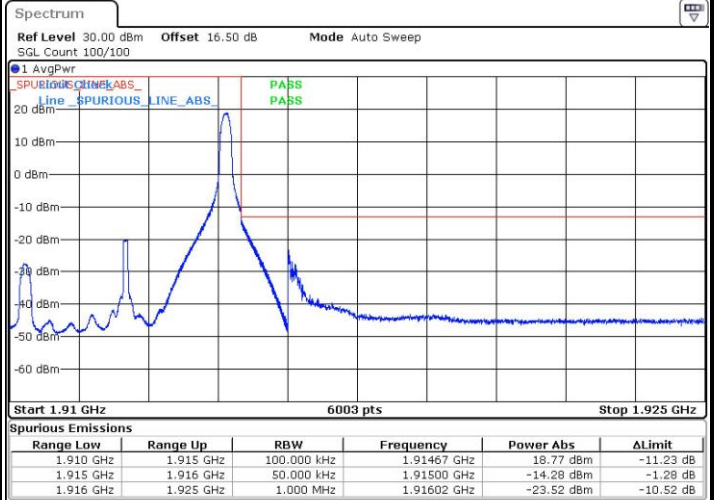
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



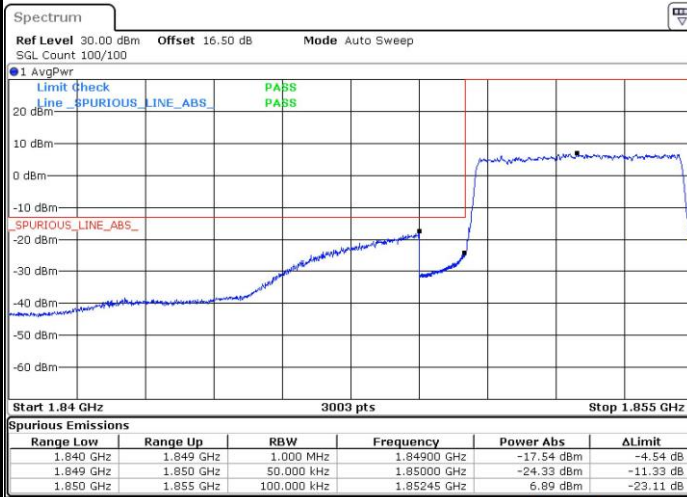
Date: 12 DEC 2018 18:53:04

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:04:03

Lowest Band Edge / Full RB



Date: 12 DEC 2018 18:54:55

Highest Band Edge / Full RB

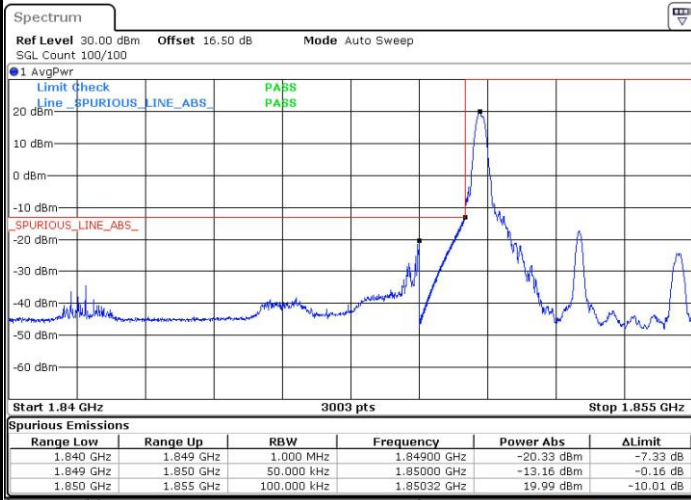


Date: 12 DEC 2018 19:01:18



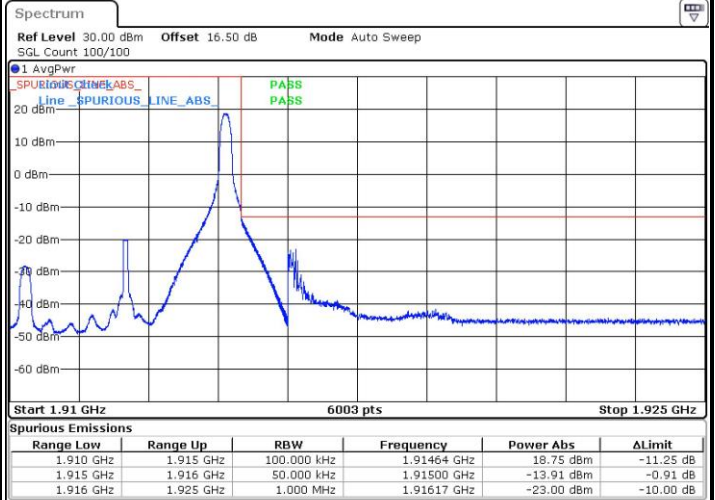
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 12 DEC 2018 20:40:30

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:03:08

Lowest Band Edge / Full RB



Date: 12 DEC 2018 18:55:50

Highest Band Edge / Full RB

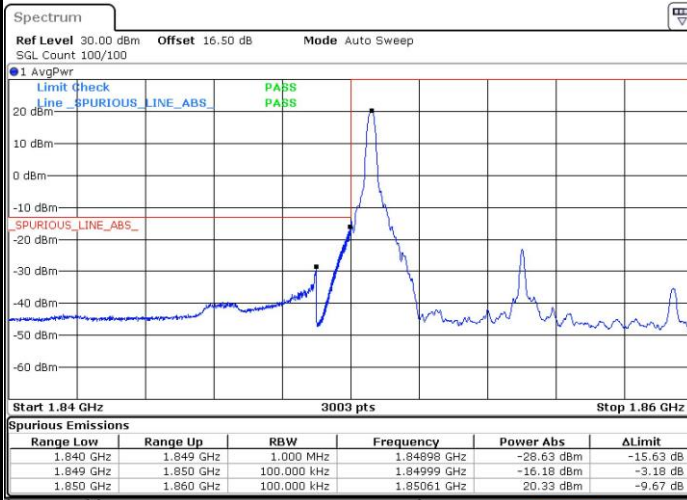


Date: 12 DEC 2018 19:02:13



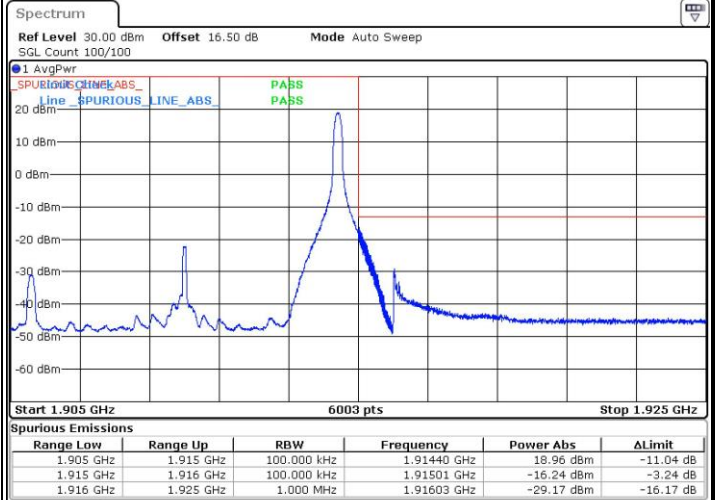
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



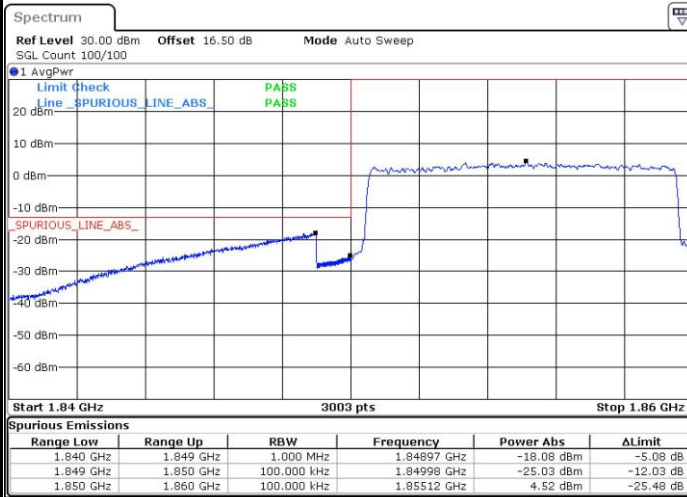
Date: 12 DEC 2018 19:07:15

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:18:14

Lowest Band Edge / Full RB



Date: 12 DEC 2018 19:09:05

Highest Band Edge / Full RB

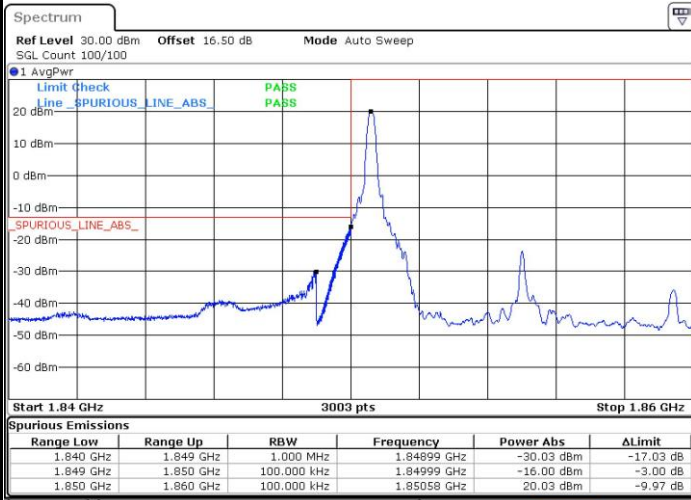


Date: 12 DEC 2018 19:15:28



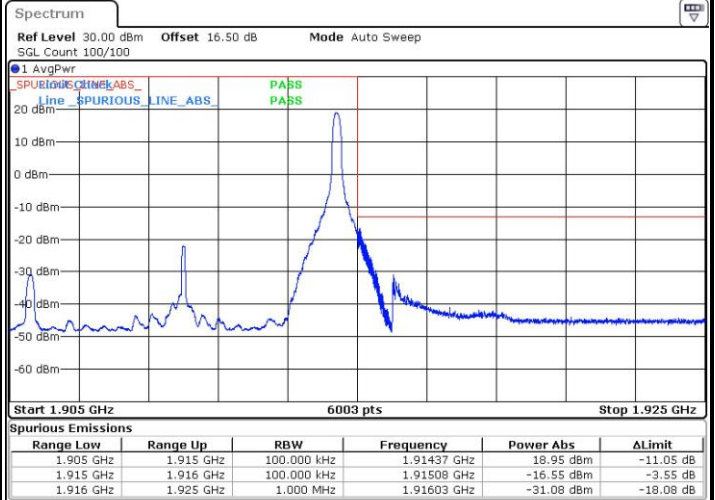
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



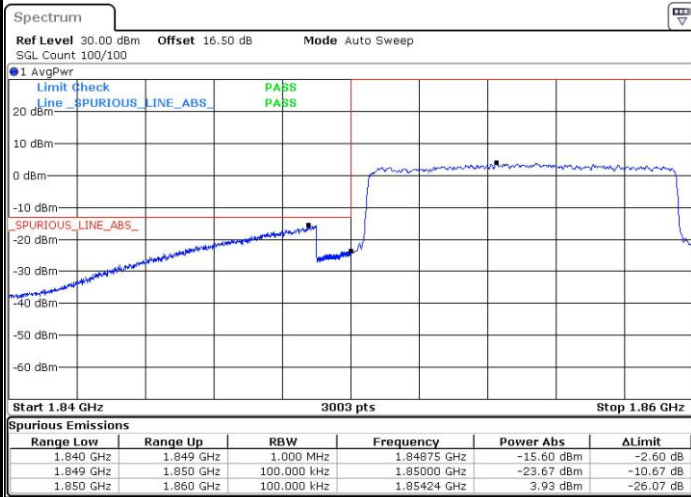
Date: 12 DEC 2018 19:08:10

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:17:18

Lowest Band Edge / Full RB



Date: 12 DEC 2018 19:10:00

Highest Band Edge / Full RB



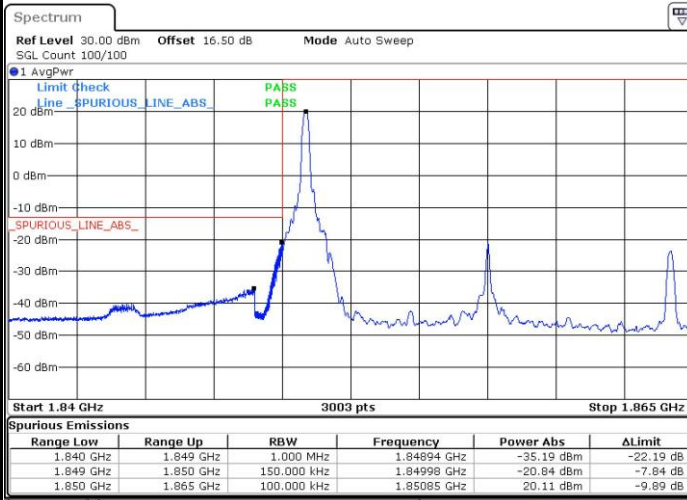
Date: 12 DEC 2018 19:16:23





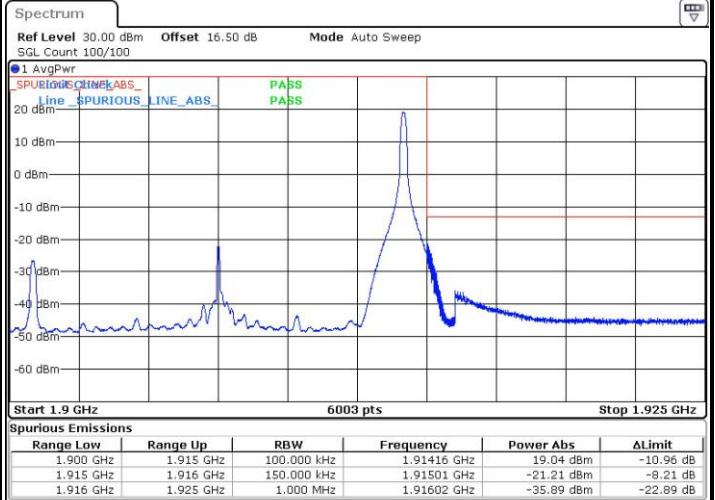
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



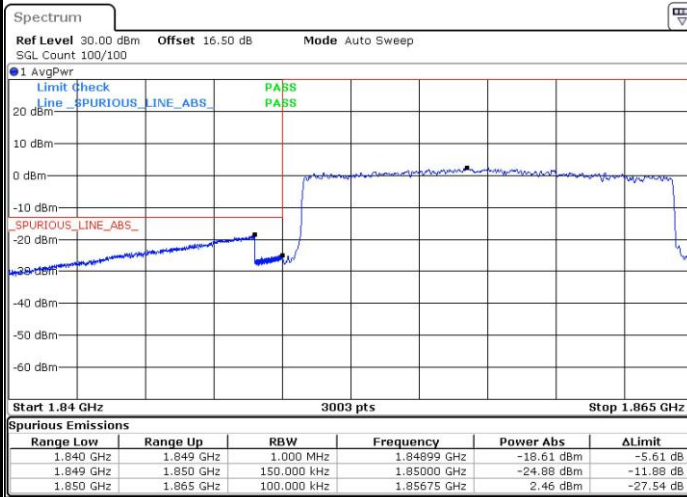
Date: 12 DEC 2018 19:21:25

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:32:24

Lowest Band Edge / Full RB



Date: 12 DEC 2018 19:23:15

Highest Band Edge / Full RB

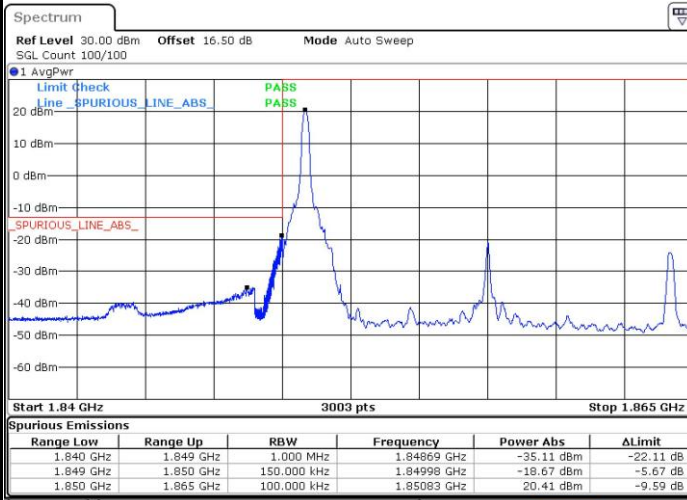


Date: 12 DEC 2018 19:29:39



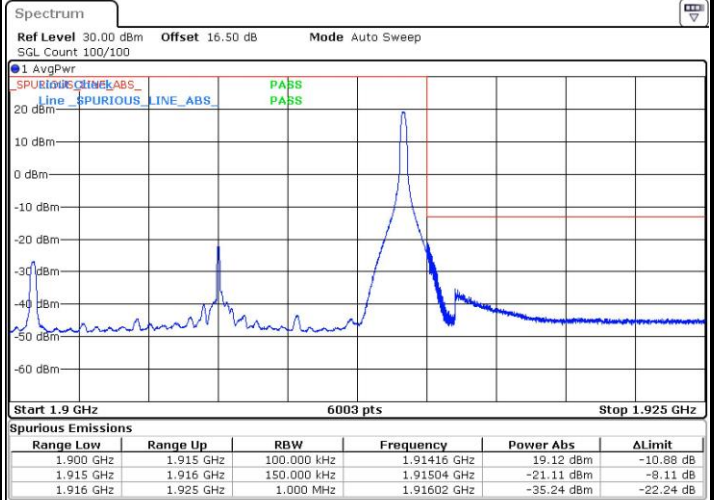
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



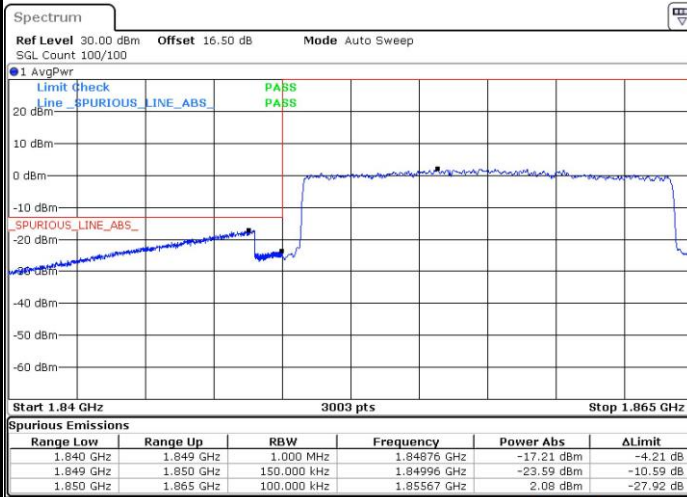
Date: 12 DEC 2018 19:22:20

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:31:29

Lowest Band Edge / Full RB



Date: 12 DEC 2018 19:24:10

Highest Band Edge / Full RB

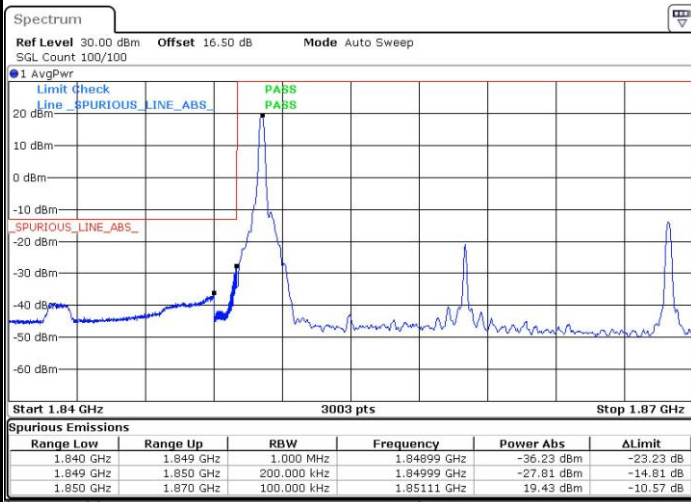


Date: 12 DEC 2018 19:30:34



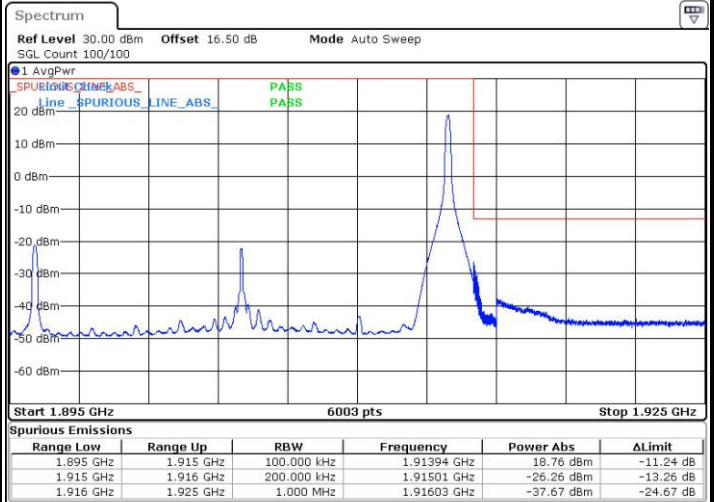
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



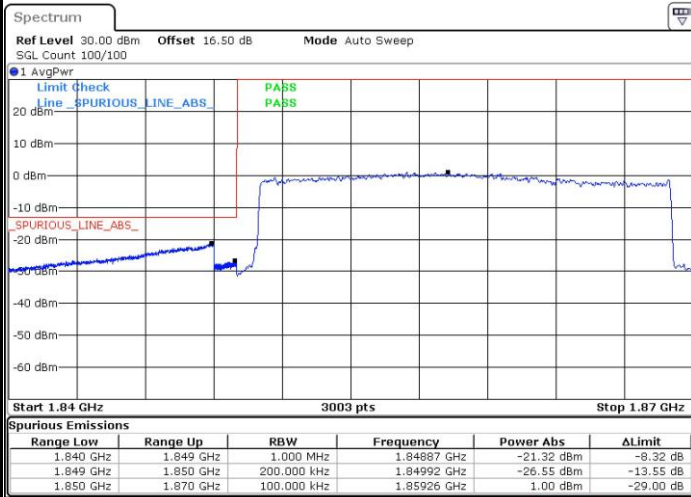
Date: 12 DEC 2018 20:41:00

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:51:40

Lowest Band Edge / Full RB



Date: 12 DEC 2018 19:42:31

Highest Band Edge / Full RB

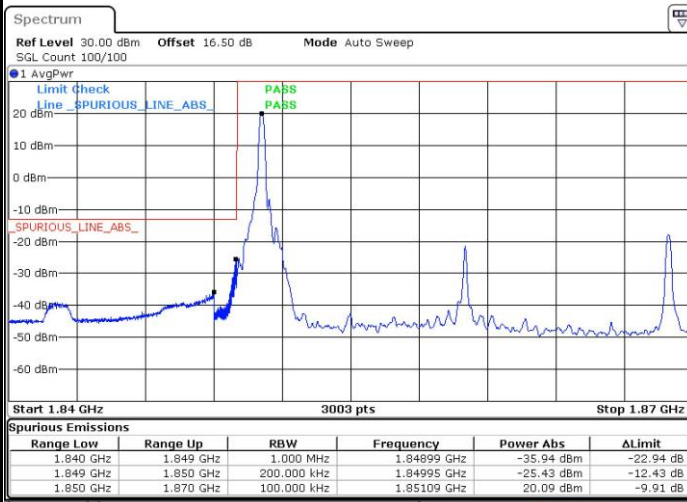


Date: 12 DEC 2018 19:48:54



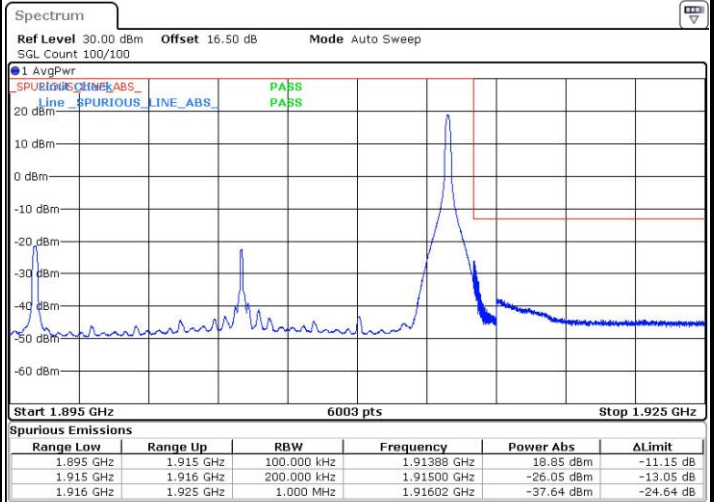
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



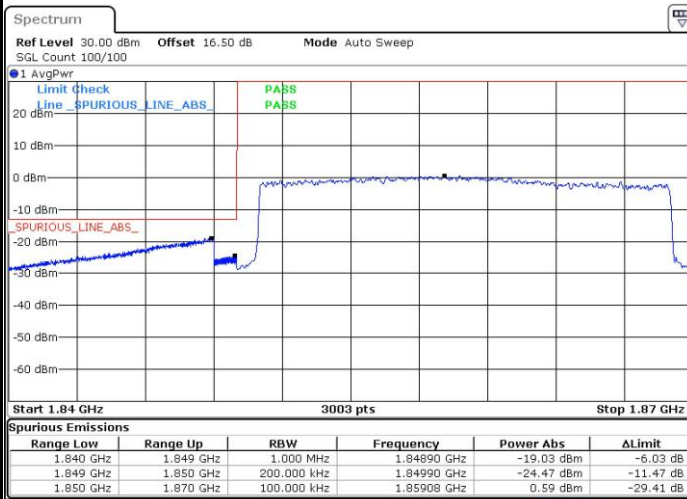
Date: 12 DEC 2018 19:41:36

Highest Band Edge / 1 RB



Date: 12 DEC 2018 19:50:44

Lowest Band Edge / Full RB



Date: 12 DEC 2018 19:43:26

Highest Band Edge / Full RB



Date: 12 DEC 2018 19:49:49



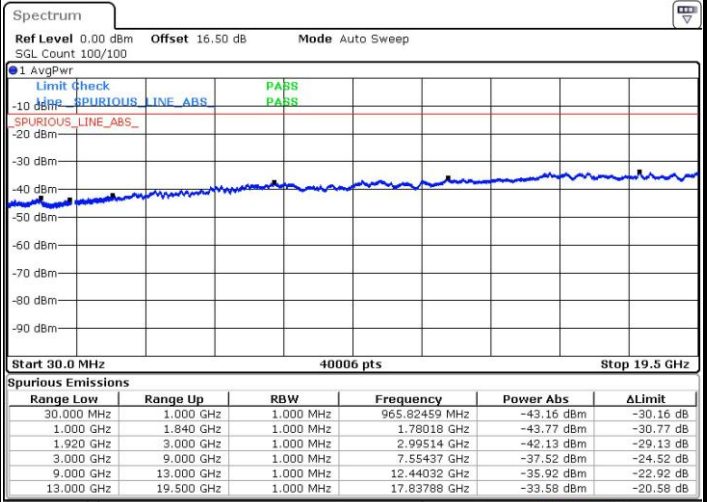
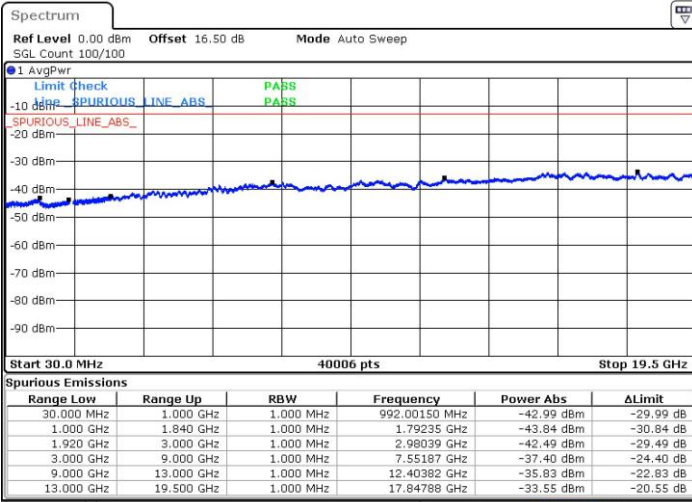
**Conducted Spurious Emission**



LTE Band 25 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

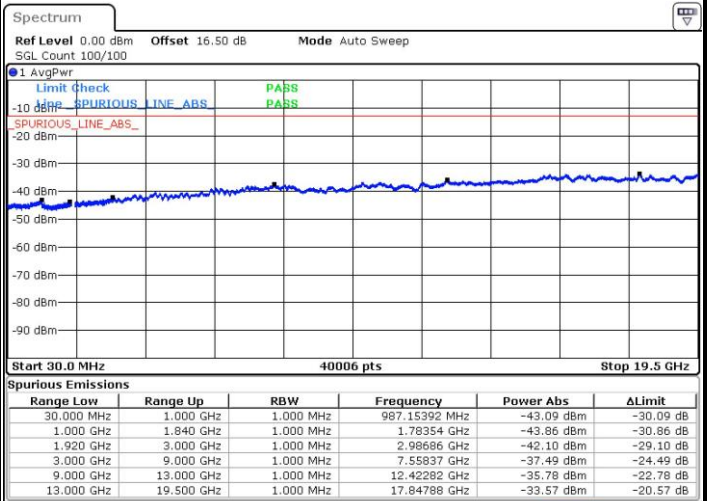
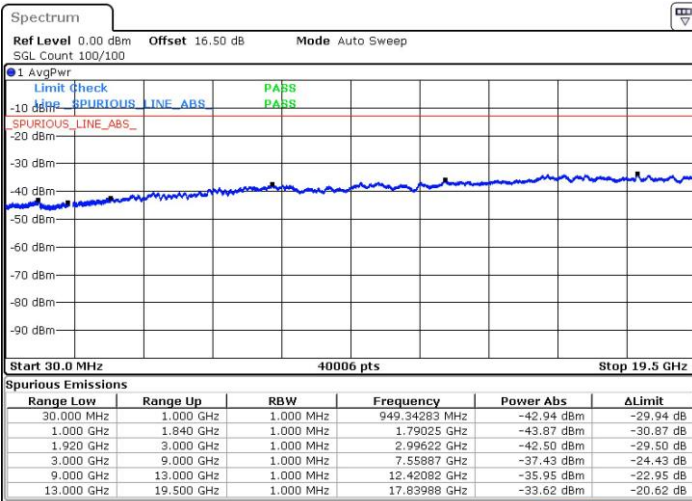


Date: 12 DEC 2018 18:56:35

Date: 12 DEC 2018 18:57:21

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 12 DEC 2018 18:58:52

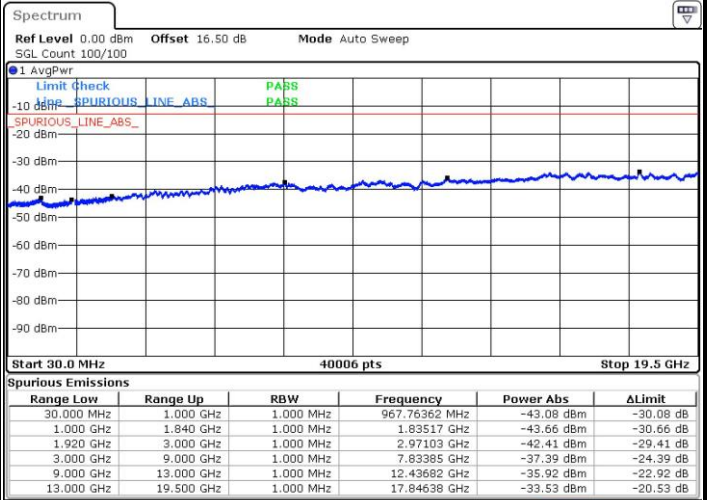
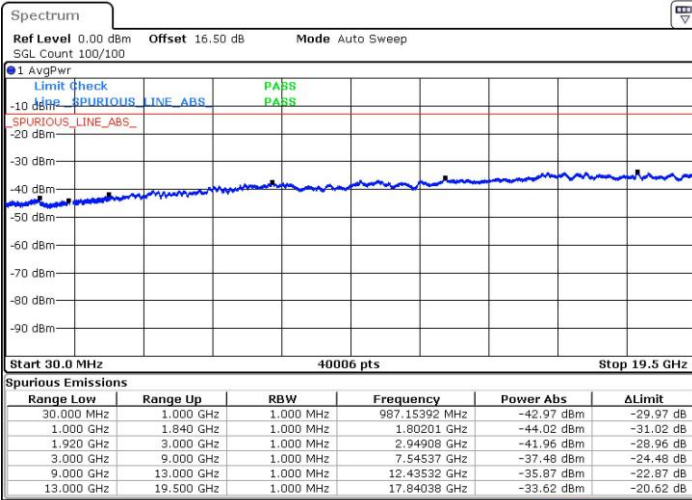
Date: 12 DEC 2018 18:59:37



LTE Band 25 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



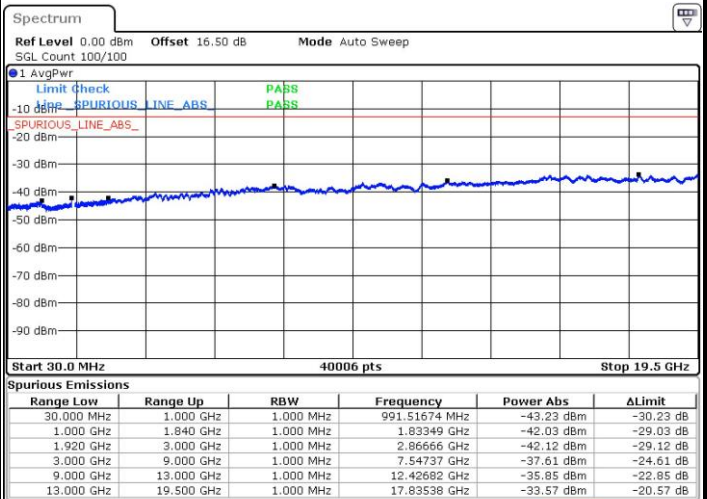
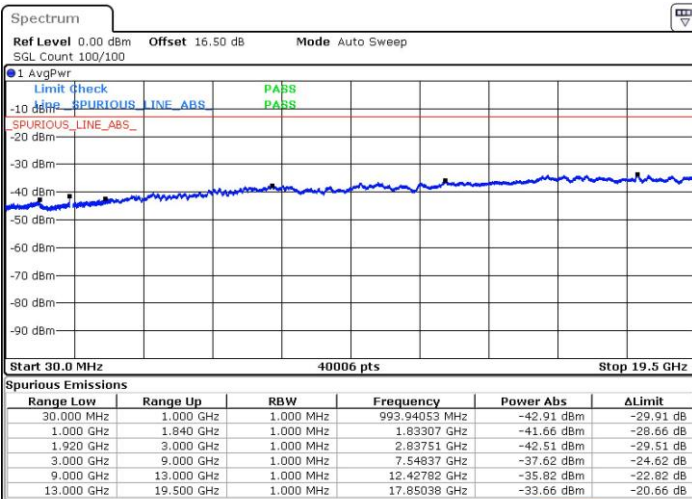
Date: 12 DEC 2018 19:04:49

Date: 12 DEC 2018 19:05:35

LTE Band 25 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 12 DEC 2018 19:10:46

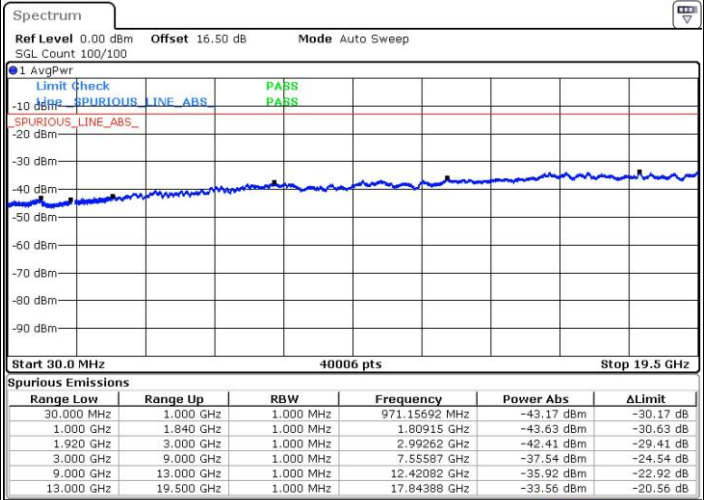
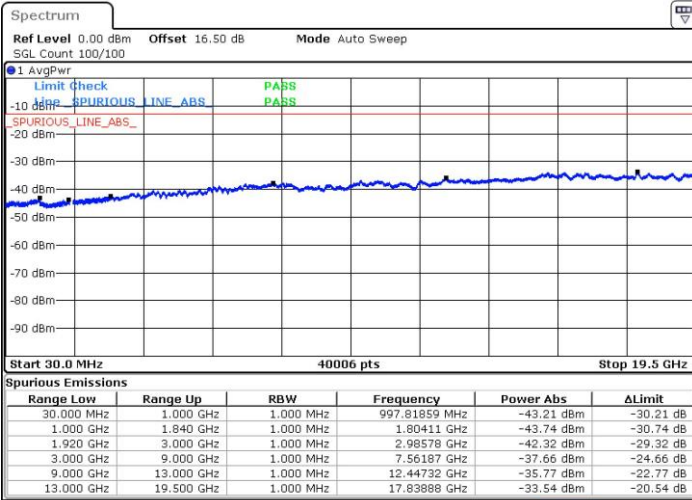
Date: 12 DEC 2018 19:11:31



LTE Band 25 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

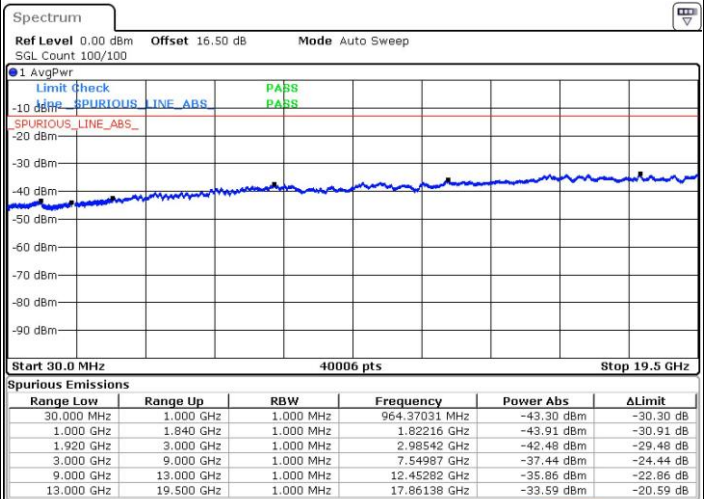
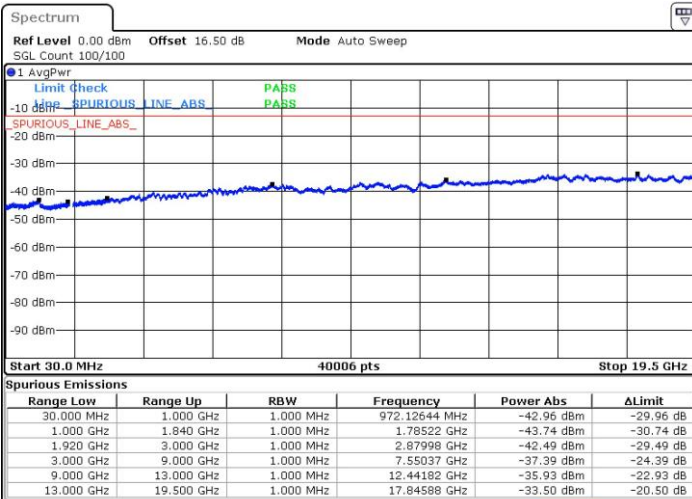


Date: 12 DEC 2018 19:13:02

Date: 12 DEC 2018 19:13:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12 DEC 2018 19:18:59

Date: 12 DEC 2018 19:19:45

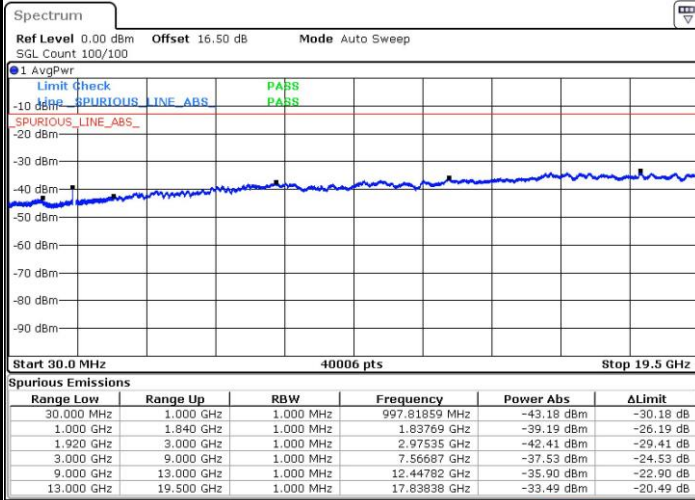




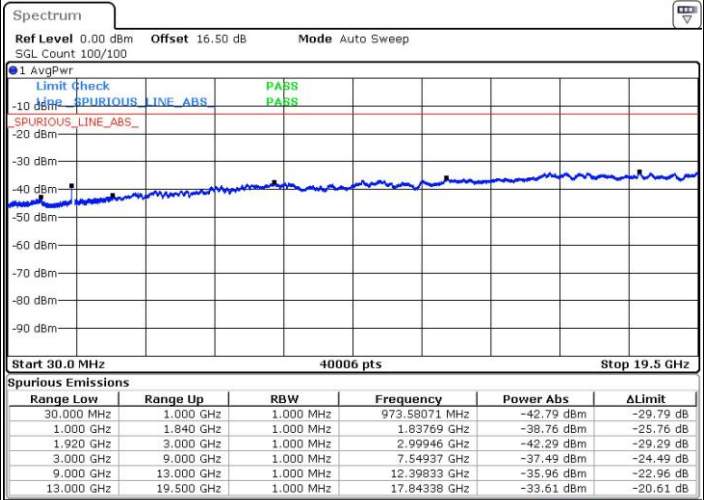
LTE Band 25 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



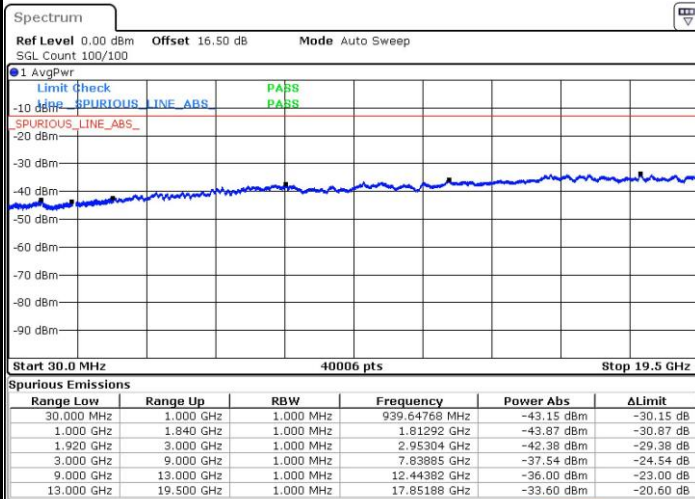
Date: 12 DEC 2018 19:24:56



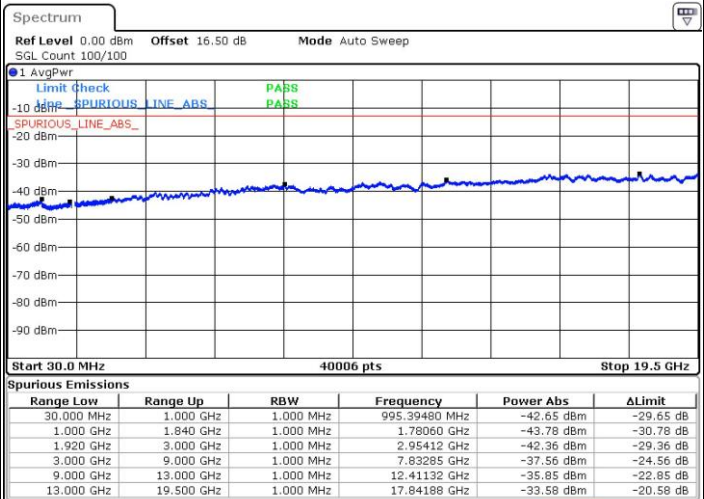
Date: 12 DEC 2018 19:25:41

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 12 DEC 2018 19:27:13



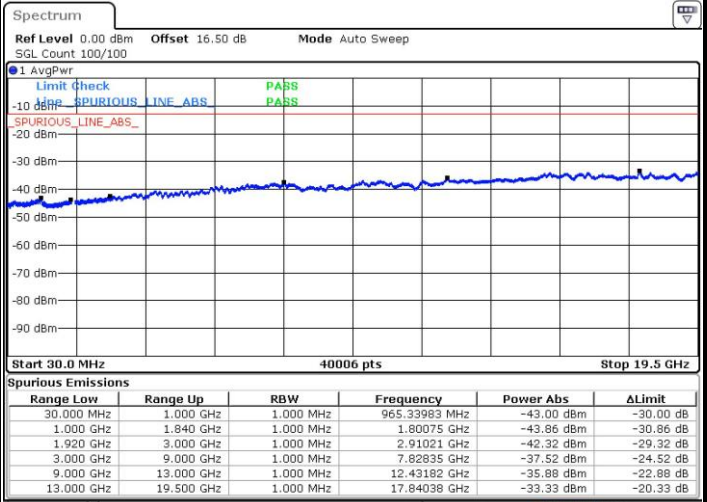
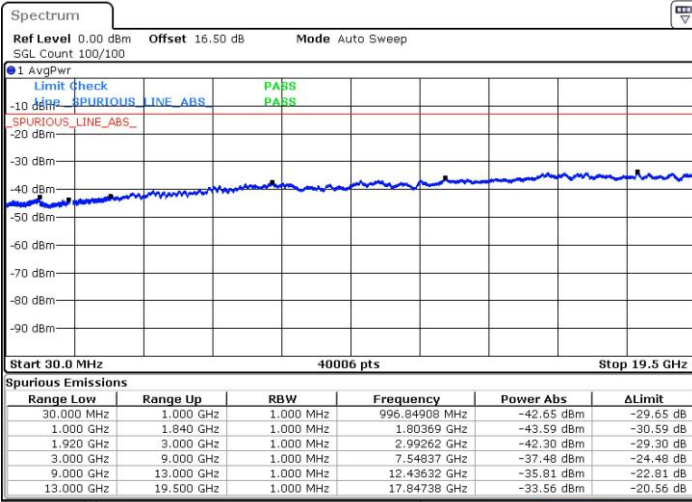
Date: 12 DEC 2018 19:27:58



LTE Band 25 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



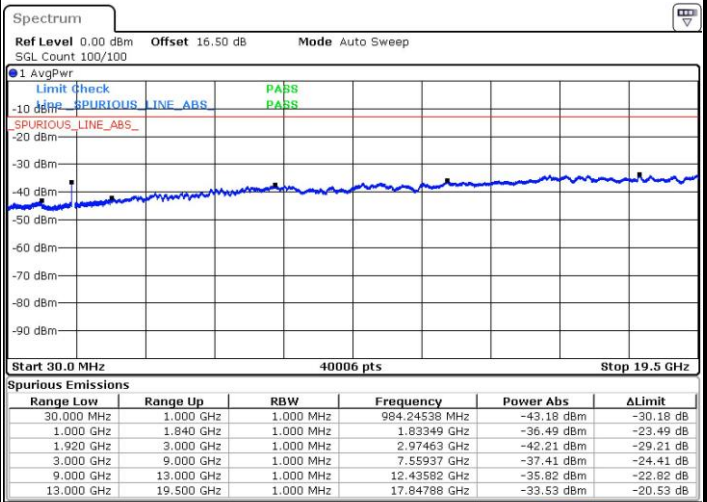
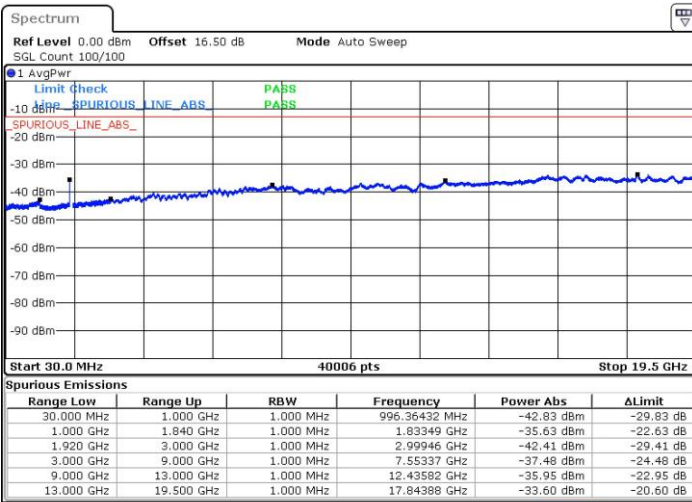
Date: 12 DEC 2018 19:33:10

Date: 12 DEC 2018 19:33:55

LTE Band 25 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 12 DEC 2018 19:44:12

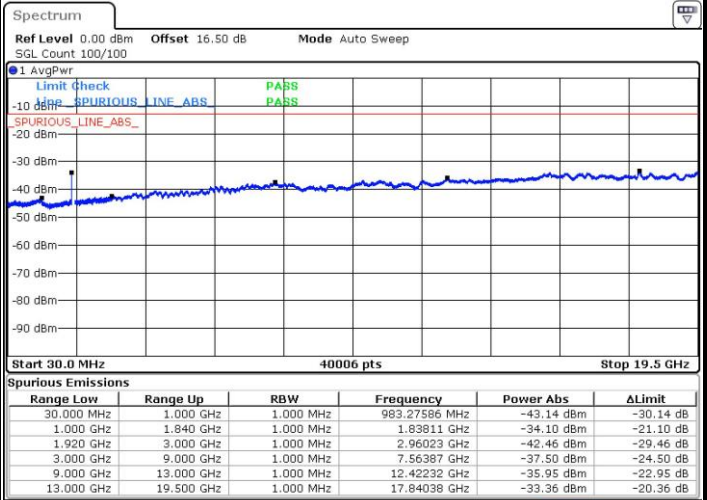
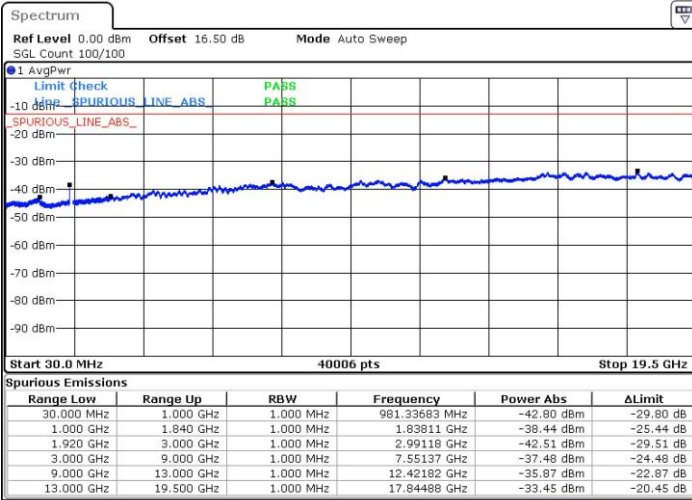
Date: 12 DEC 2018 19:44:57



LTE Band 25 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

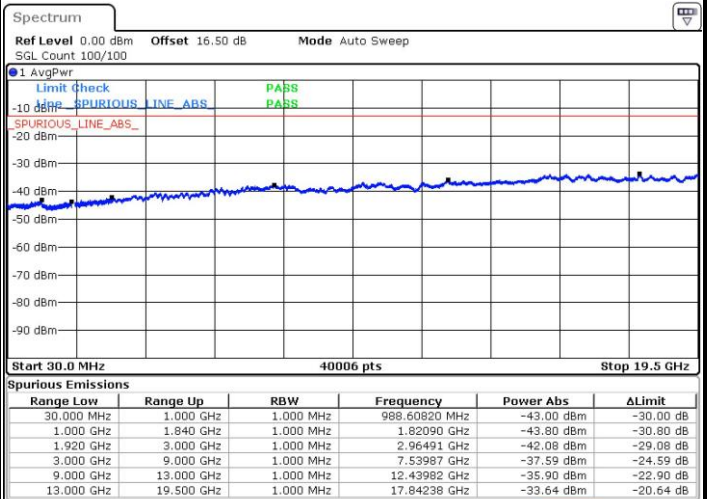
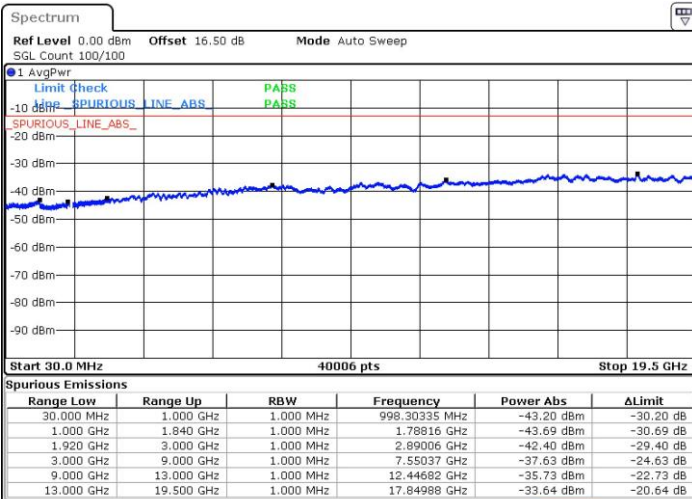


Date: 12 DEC 2018 19:46:28

Date: 12 DEC 2018 19:47:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12 DEC 2018 19:52:25

Date: 12 DEC 2018 19:53:11



**Frequency Stability**

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

**Note:**

- 3. Normal Voltage =120 V. ; Minimum Voltage =100 V. ; Maximum Voltage =240 V.
- 4. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41

<For 4x4 Tx Low Band Chain 1>

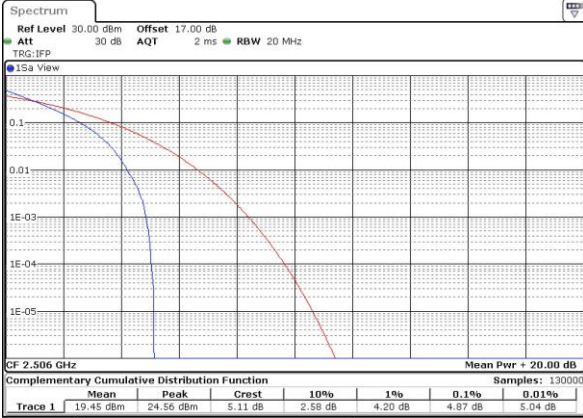
## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.87	4.38	5.83	5.04	PASS
Middle CH	4.43	4.55	4.46	5.54	
Highest CH	3.83	4.09	4.12	4.67	



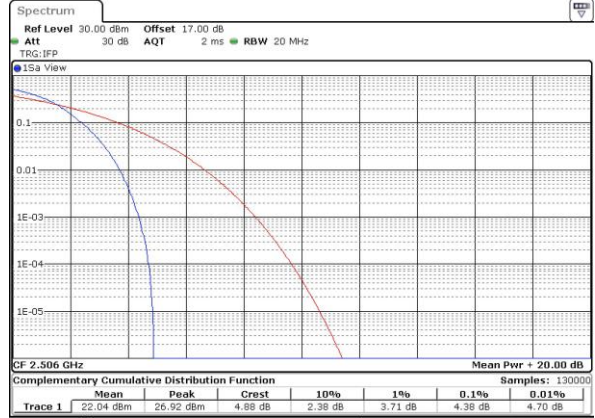
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



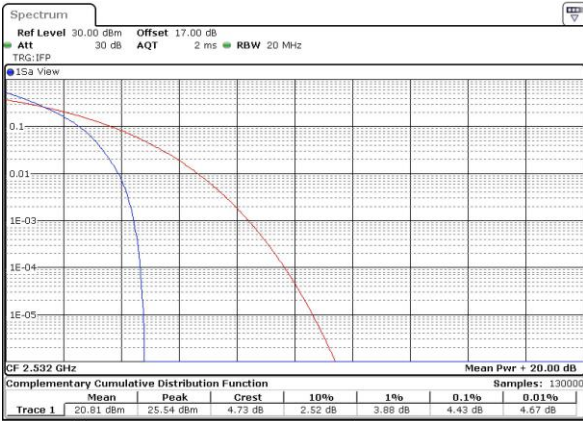
Date: 13 DEC 2018 00:54:52

Lowest Channel / Full RB



Date: 13 DEC 2018 00:55:08

Middle Channel / 1RB



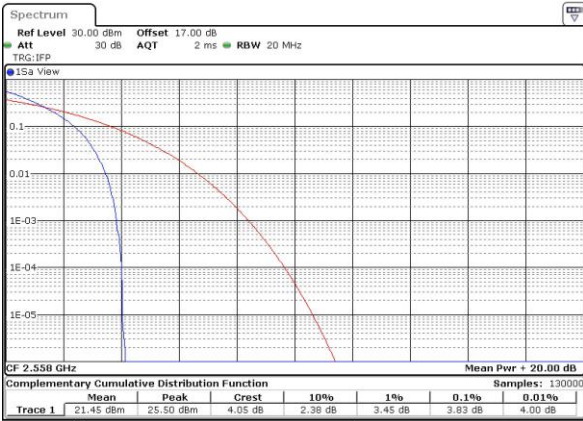
Date: 13 DEC 2018 00:56:04

Middle Channel / Full RB



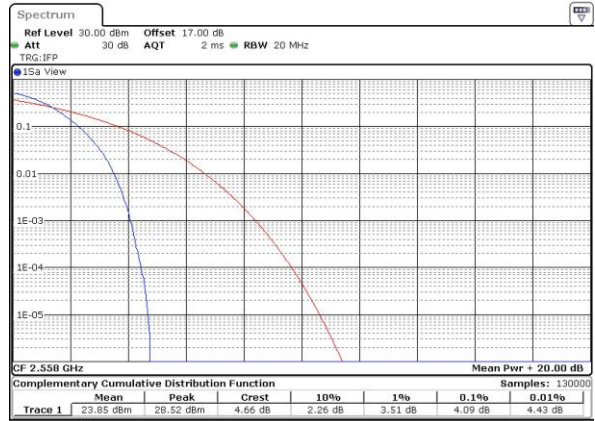
Date: 13 DEC 2018 00:56:19

Highest Channel / 1RB



Date: 13 DEC 2018 00:57:05

Highest Channel / Full RB



Date: 13 DEC 2018 00:57:23