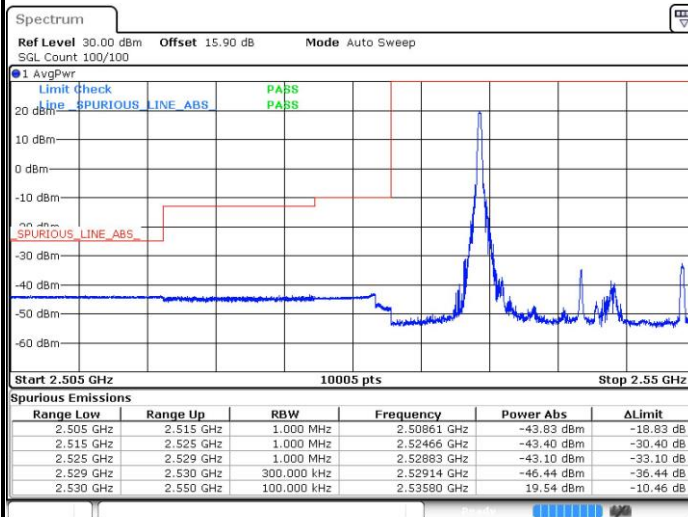


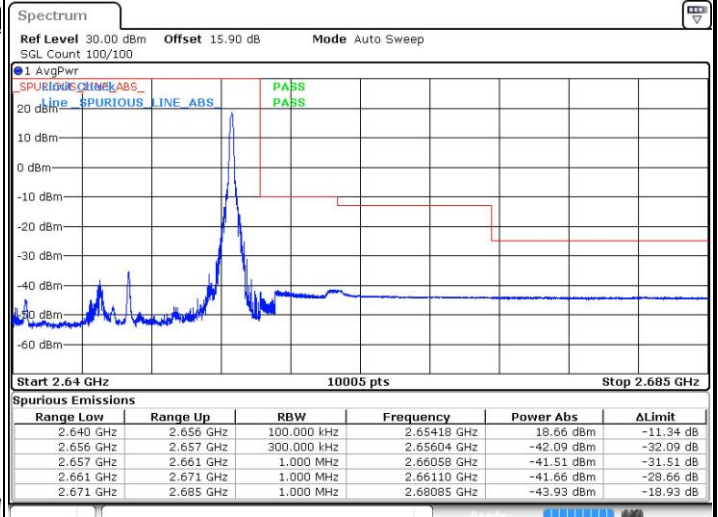


LTE Band 41 / 15MHz / QPSK

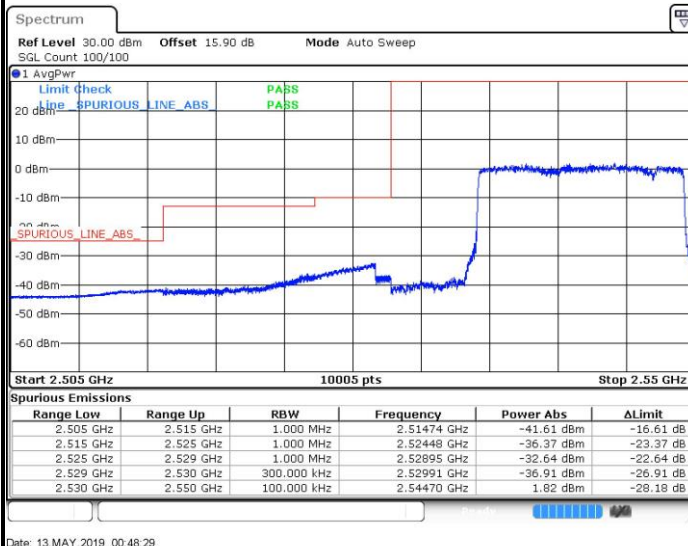
Lowest Band Edge / 1 RB



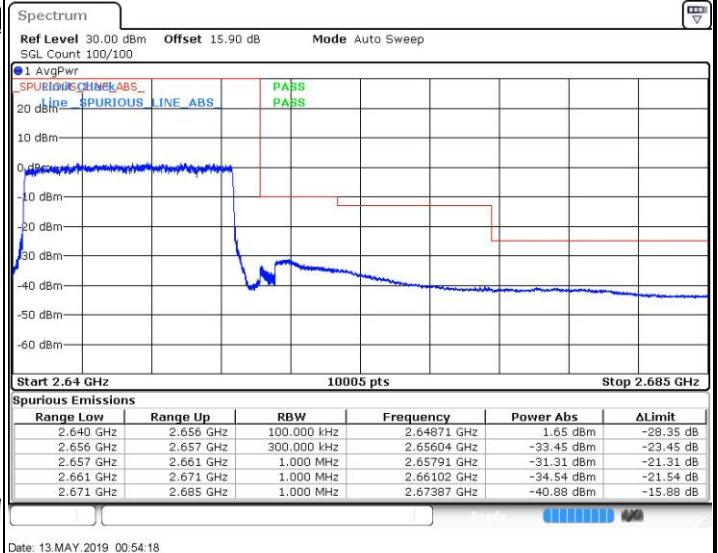
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



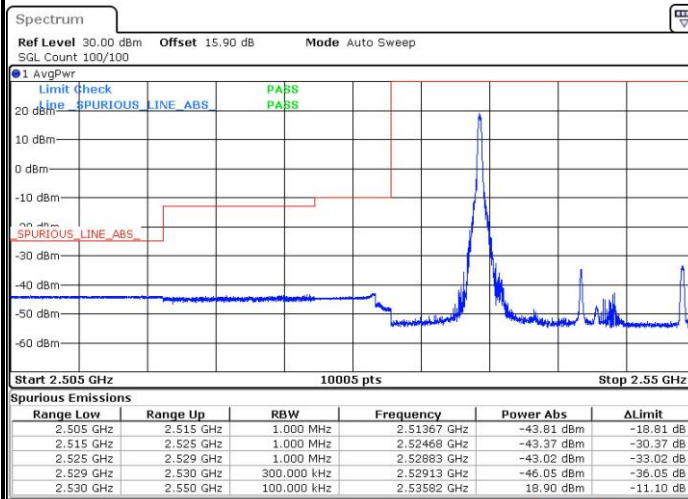
Highest Band Edge / Full RB



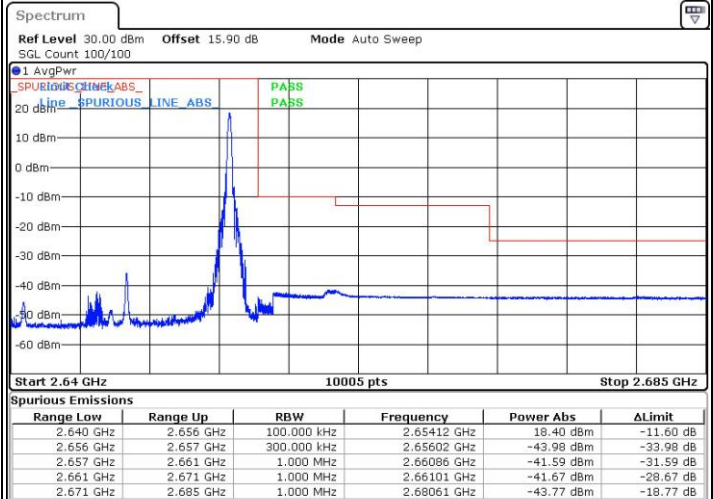


LTE Band 41 / 15MHz / 16QAM

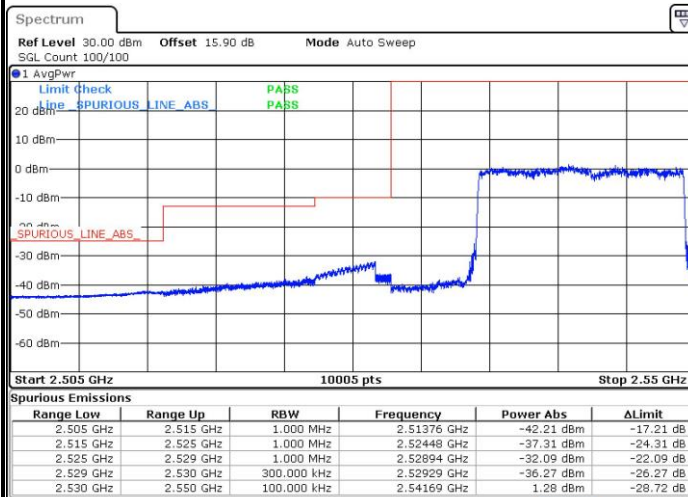
Lowest Band Edge / 1 RB



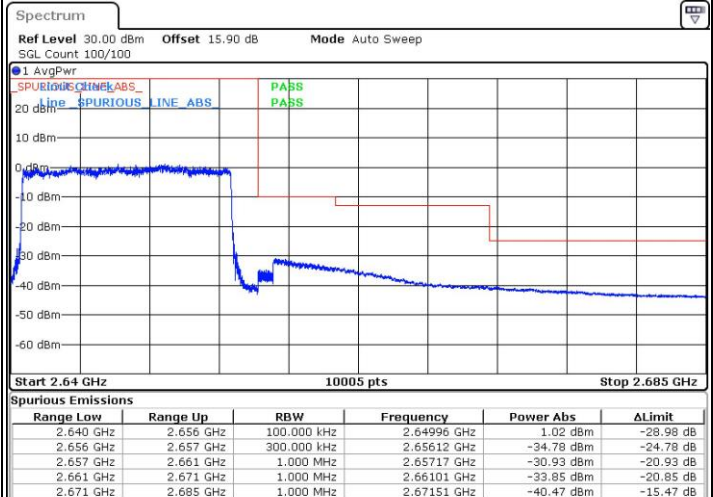
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



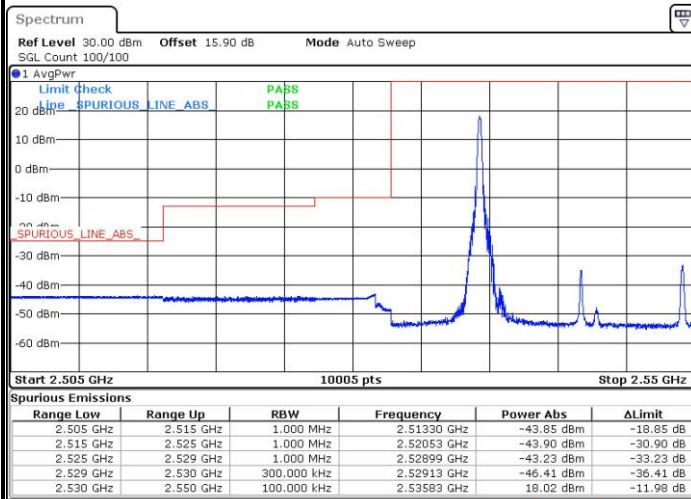
Highest Band Edge / Full RB



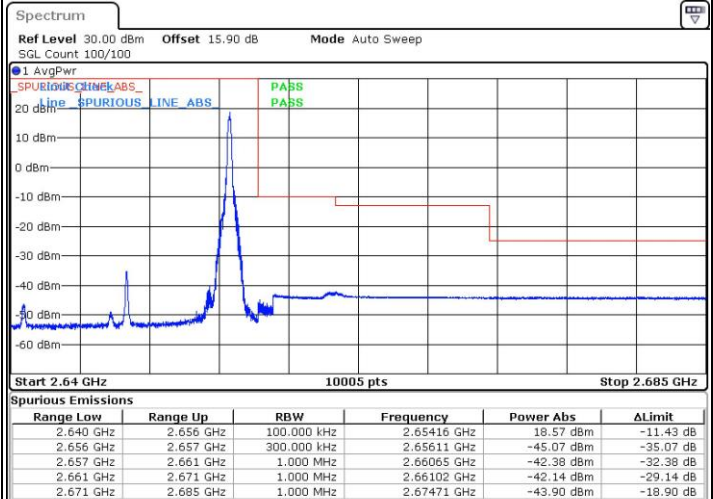


LTE Band 41 / 15MHz / 64QAM

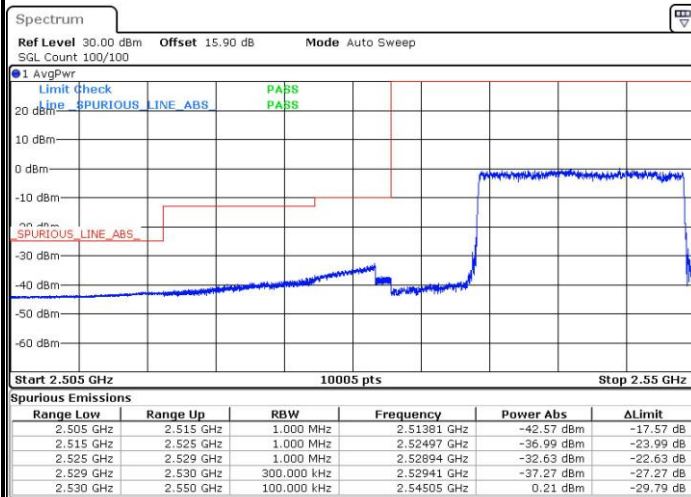
Lowest Band Edge / 1 RB



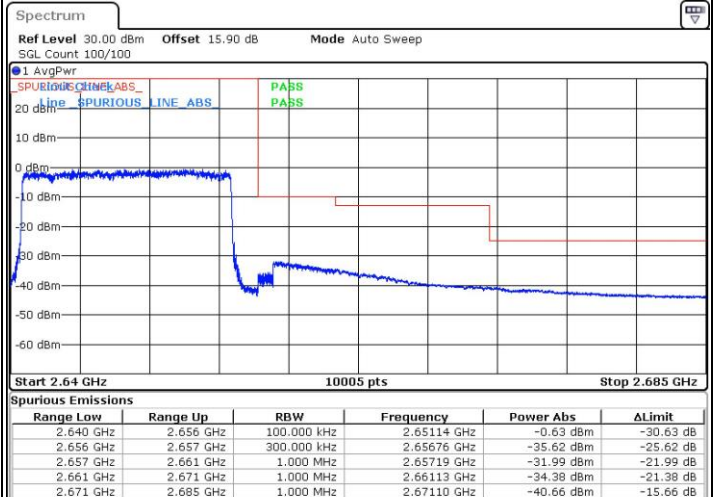
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



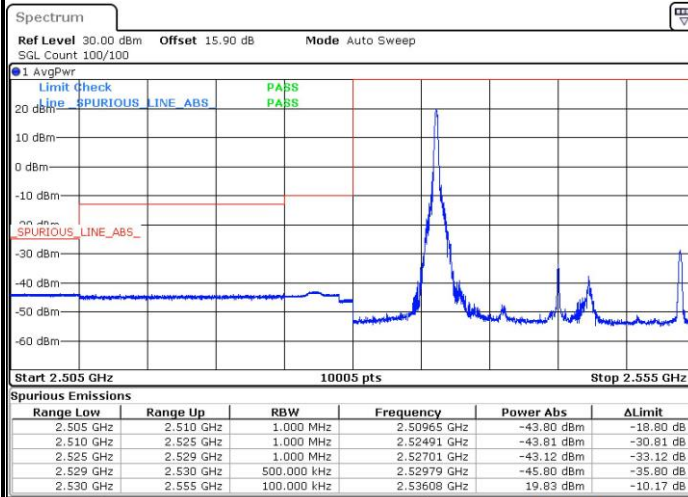
Highest Band Edge / Full RB



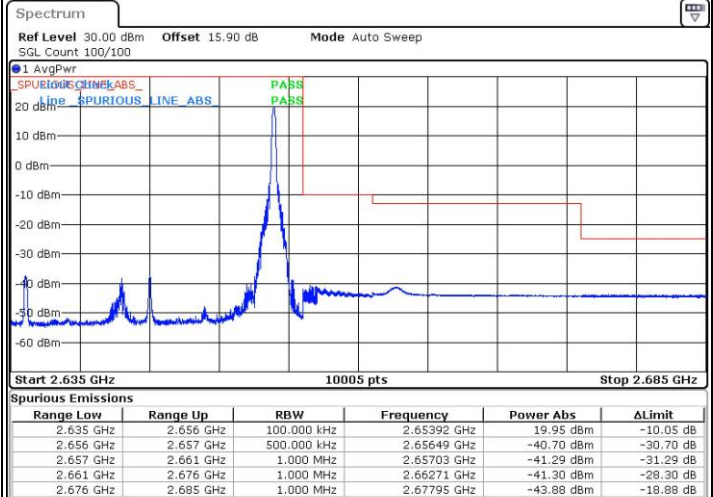


LTE Band 41 / 20MHz / QPSK

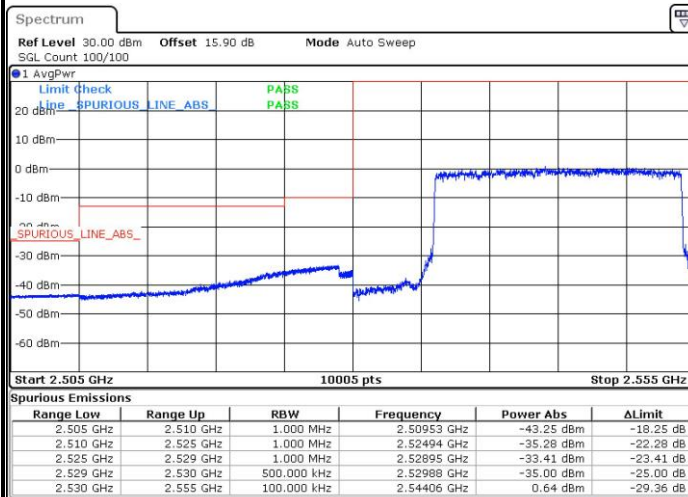
Lowest Band Edge / 1 RB



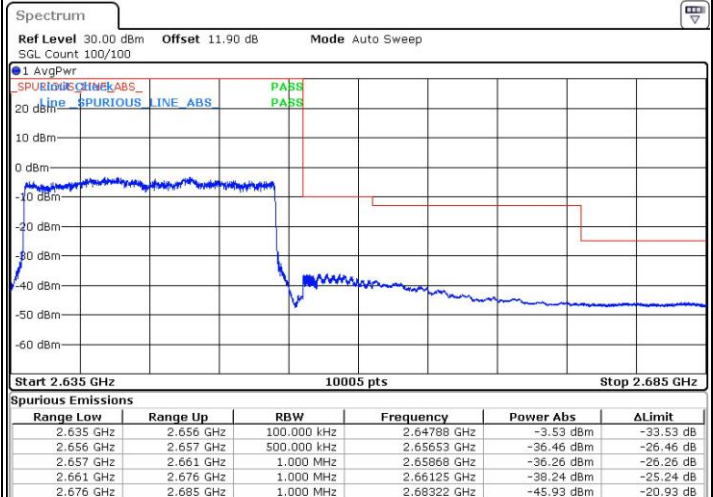
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



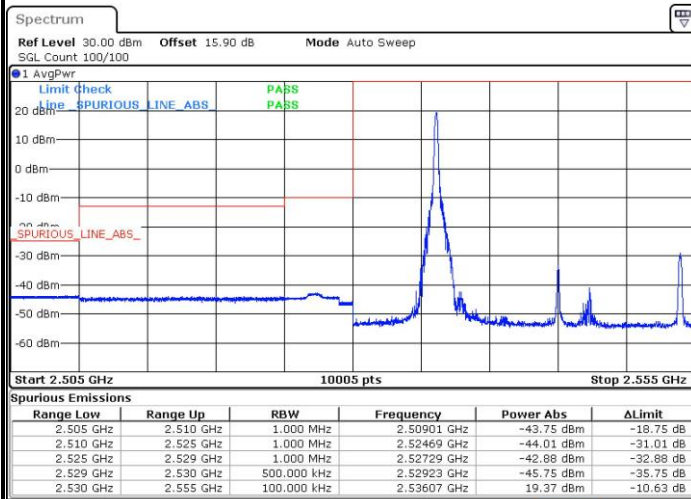
Highest Band Edge / Full RB



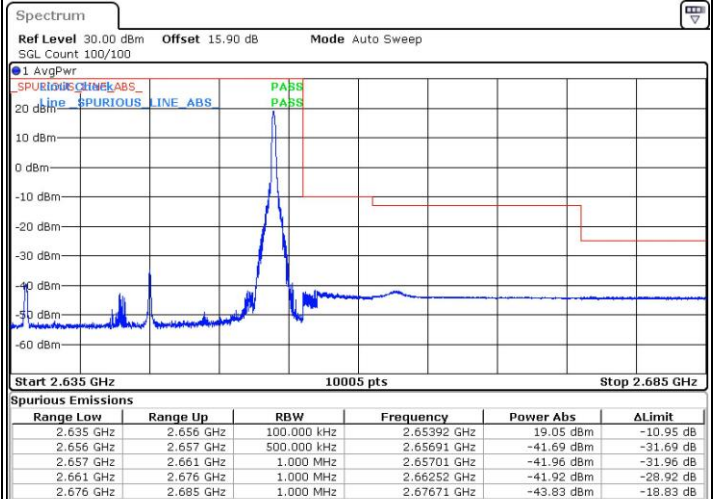


LTE Band 41 / 20MHz / 16QAM

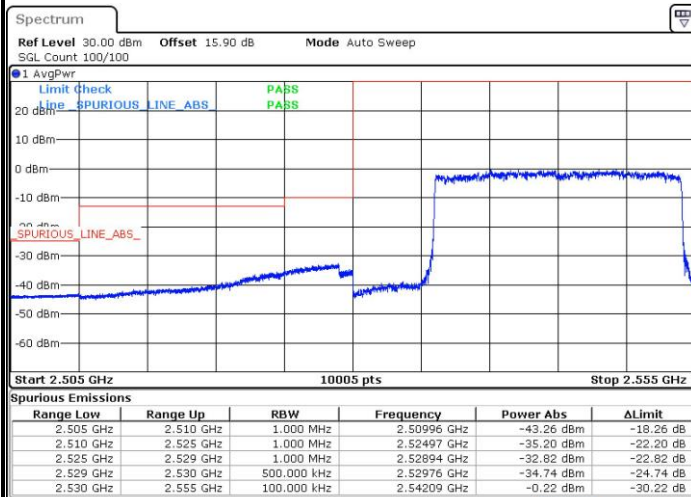
Lowest Band Edge / 1 RB



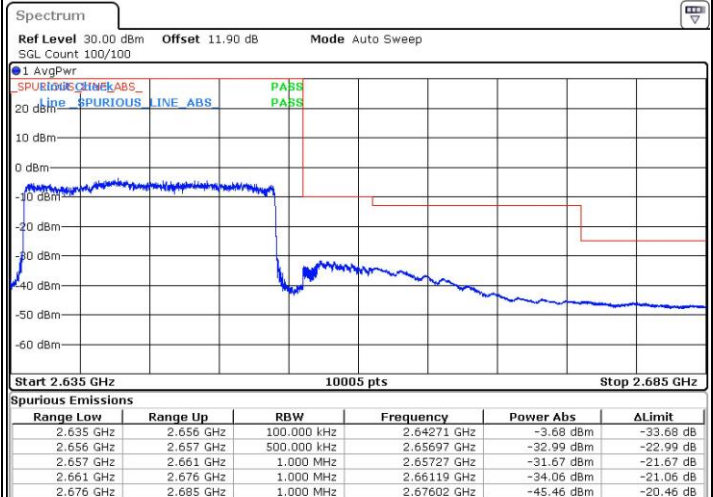
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



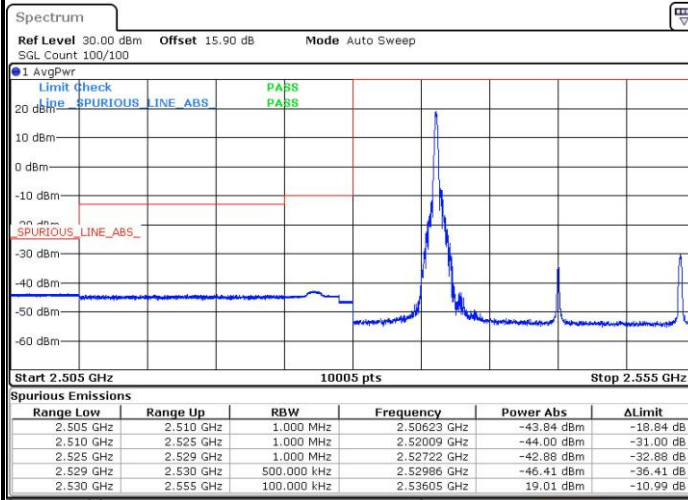
Highest Band Edge / Full RB



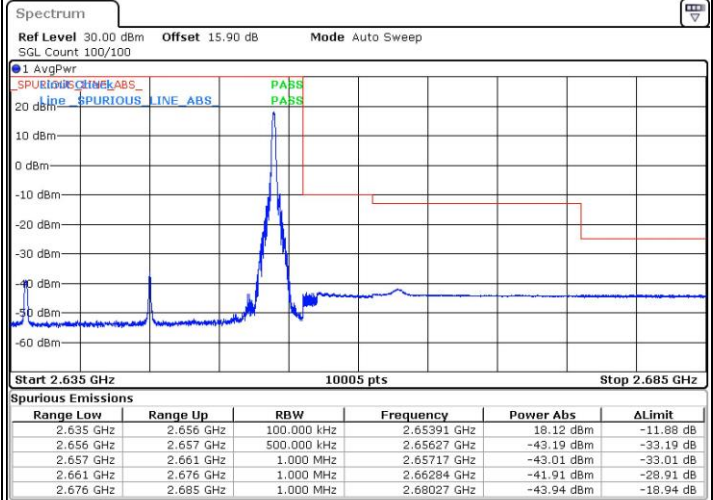


LTE Band 41 / 20MHz / 64QAM

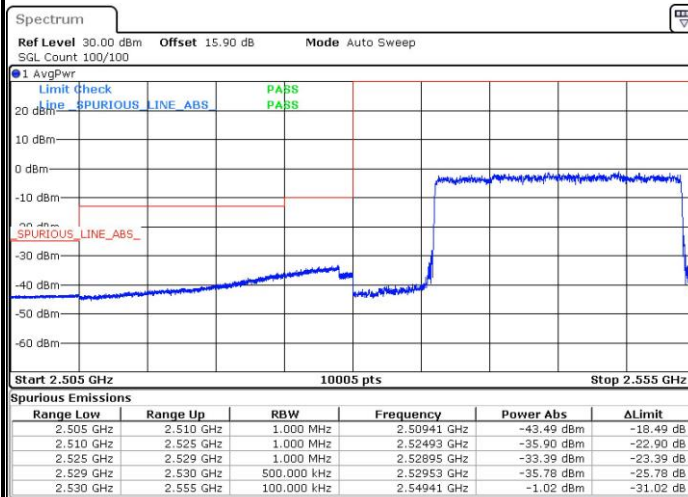
Lowest Band Edge / 1 RB



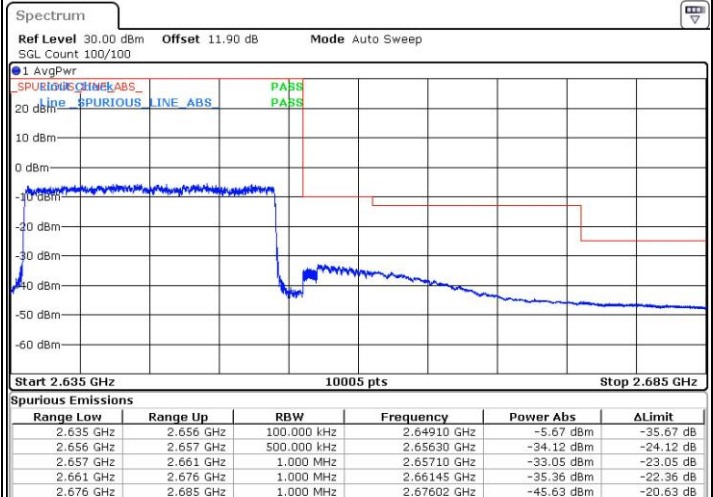
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

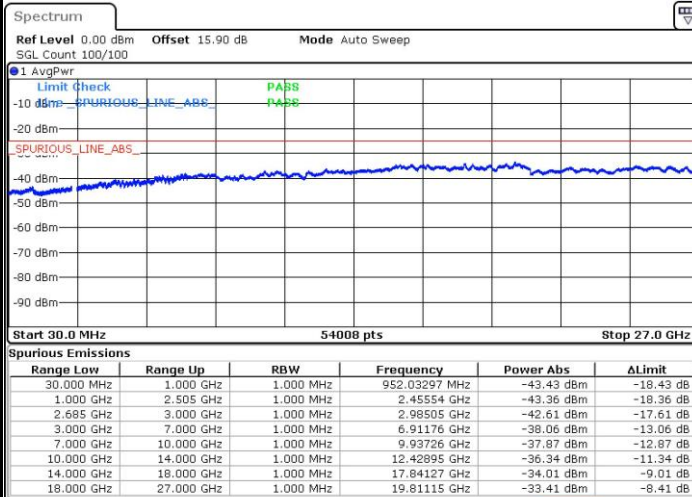




Conducted Spurious Emission

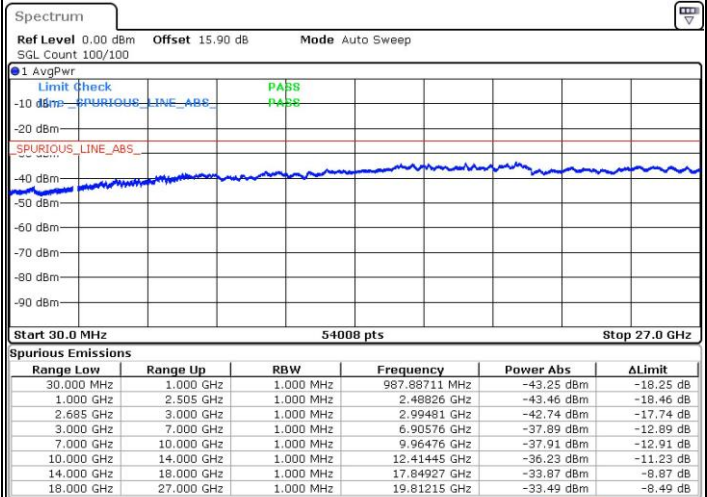
LTE Band 41 / 5MHz

Lowest Channel / QPSK



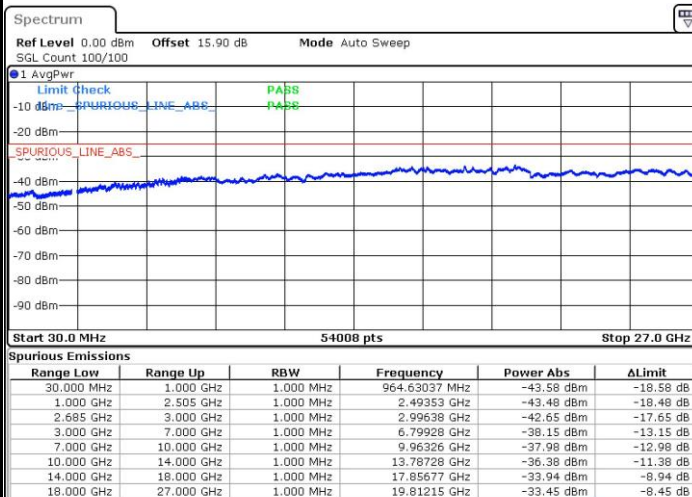
Date: 13 MAY 2019 00:29:49

Lowest Channel / 16QAM



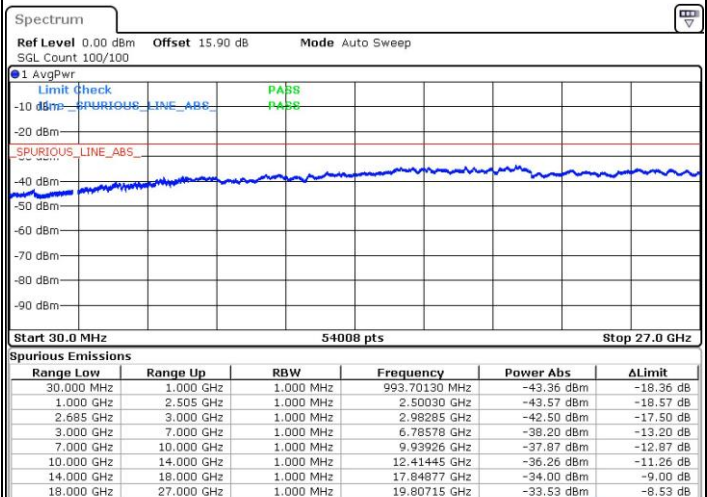
Date: 13 MAY 2019 00:30:35

Middle Channel / QPSK



Date: 13 MAY 2019 00:31:22

Middle Channel / 16QAM

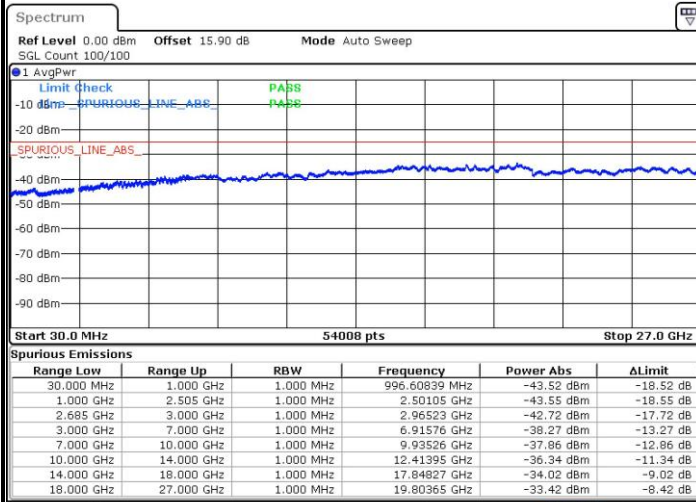


Date: 13 MAY 2019 00:32:08



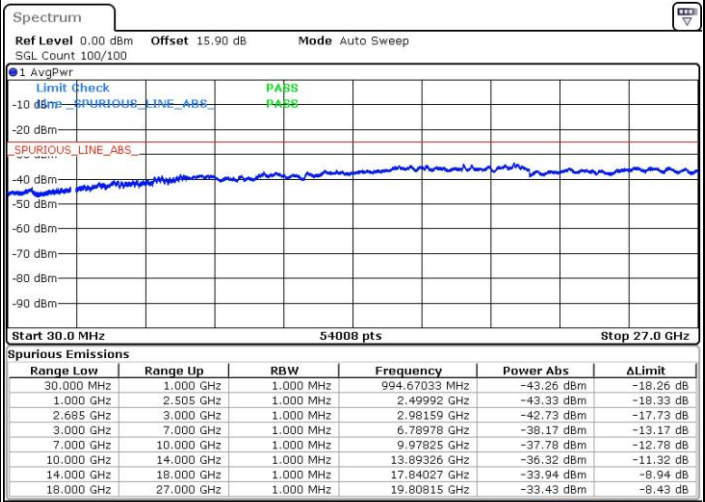
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 13 MAY 2019 00:35:37

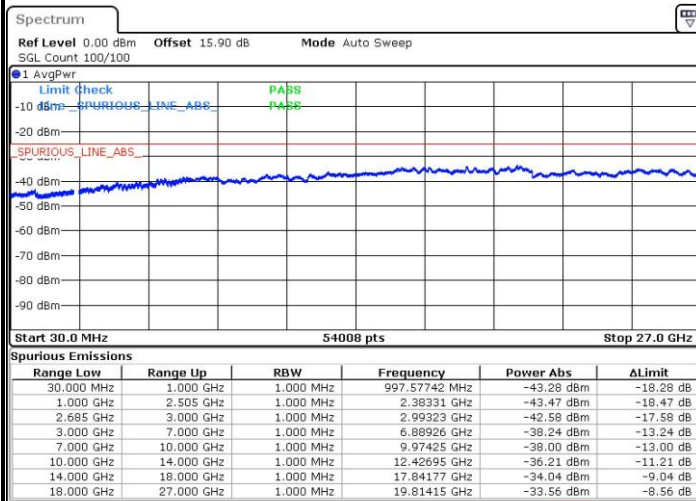
Highest Channel / 16QAM



Date: 13 MAY 2019 00:36:23

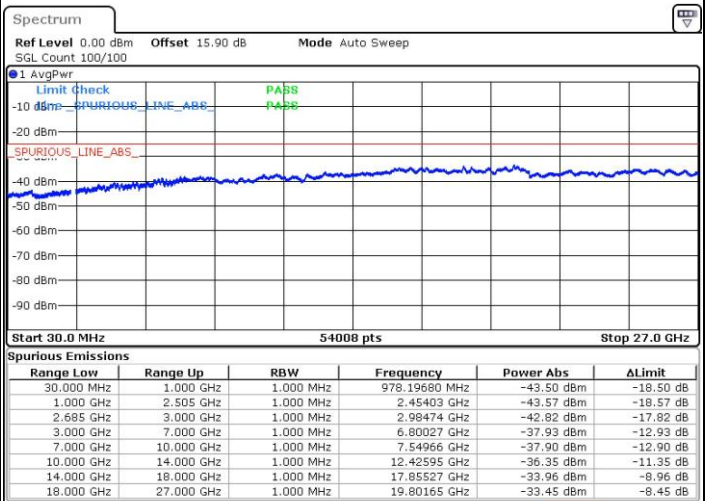
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 13 MAY 2019 00:39:53

Lowest Channel / 16QAM

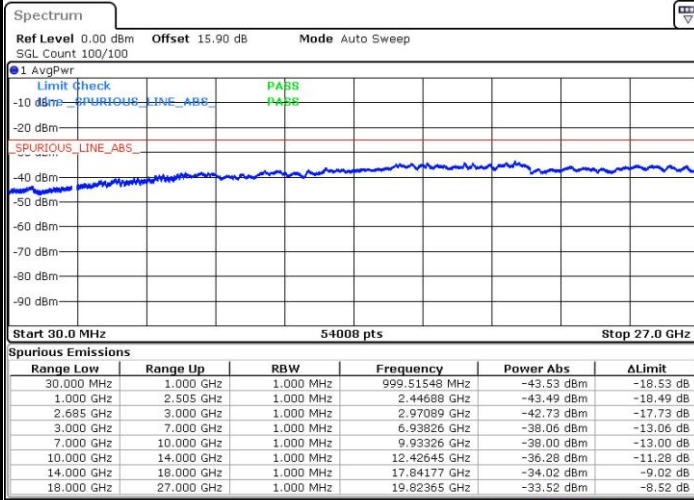


Date: 13 MAY 2019 00:40:39



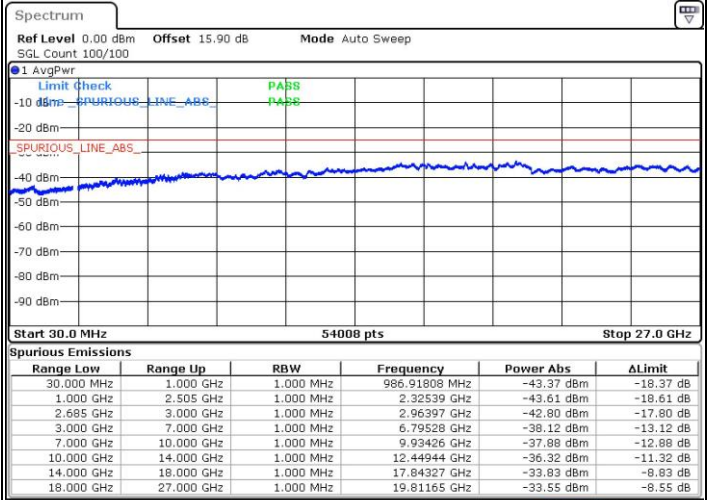
LTE Band 41 / 10MHz

Middle Channel / QPSK



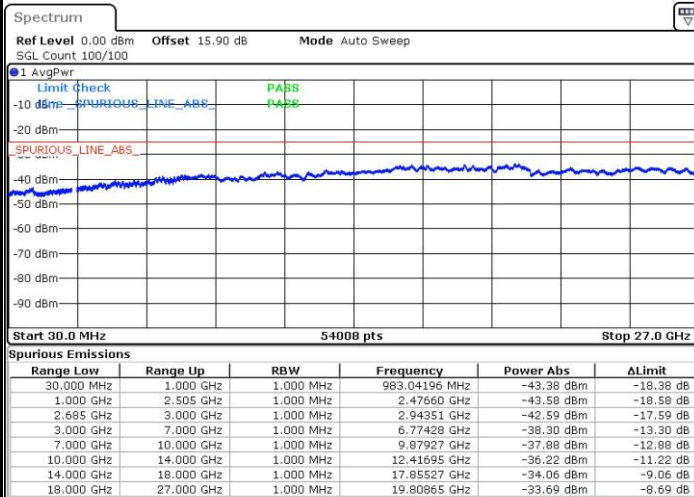
Date: 13 MAY 2019 00:41:25

Middle Channel / 16QAM



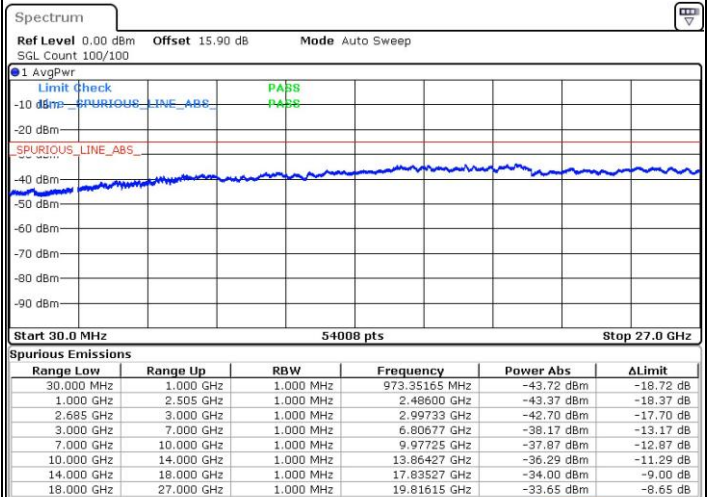
Date: 13 MAY 2019 00:42:12

Highest Channel / QPSK



Date: 13 MAY 2019 00:45:41

Highest Channel / 16QAM

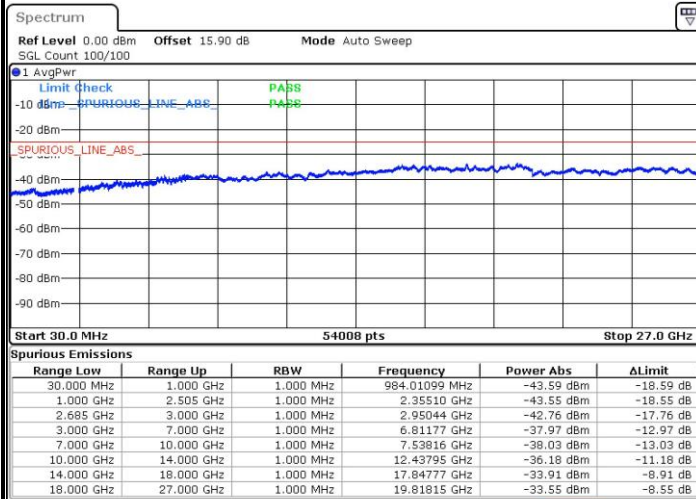


Date: 13 MAY 2019 00:46:27



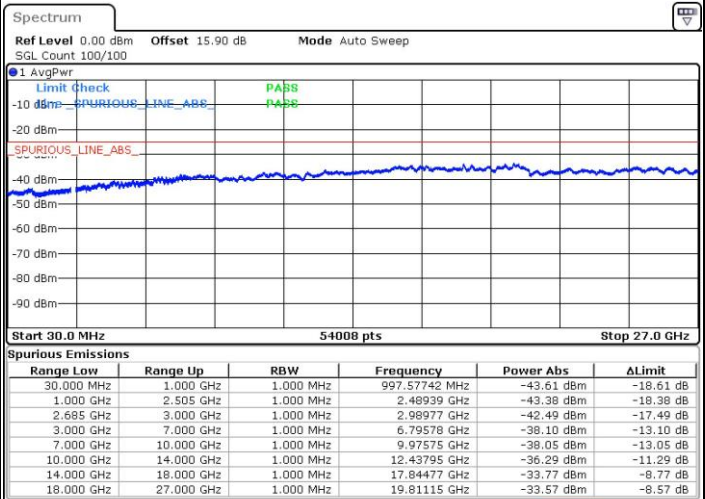
LTE Band 41 / 15MHz

Lowest Channel / QPSK



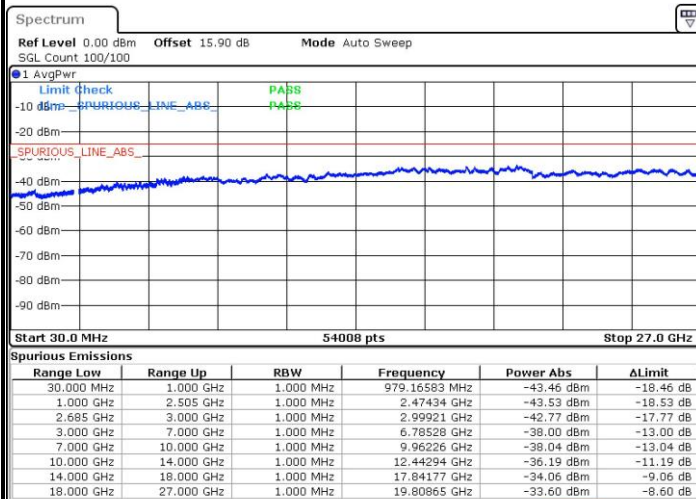
Date: 13 MAY.2019 00:49:56

Lowest Channel / 16QAM



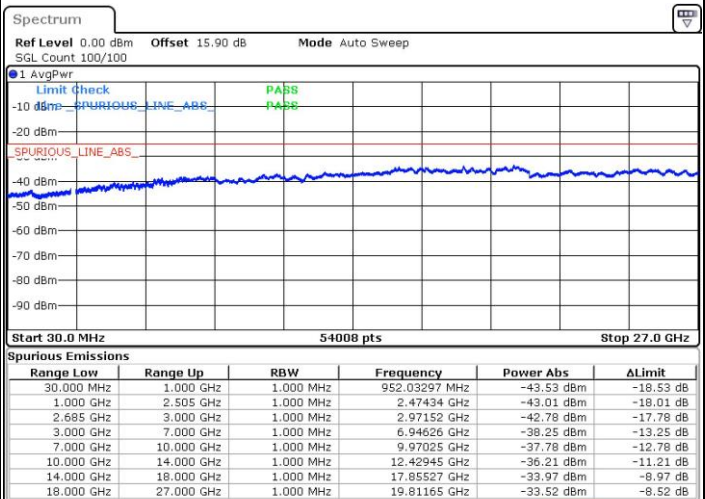
Date: 13 MAY.2019 00:50:42

Middle Channel / QPSK



Date: 13 MAY.2019 00:51:28

Middle Channel / 16QAM

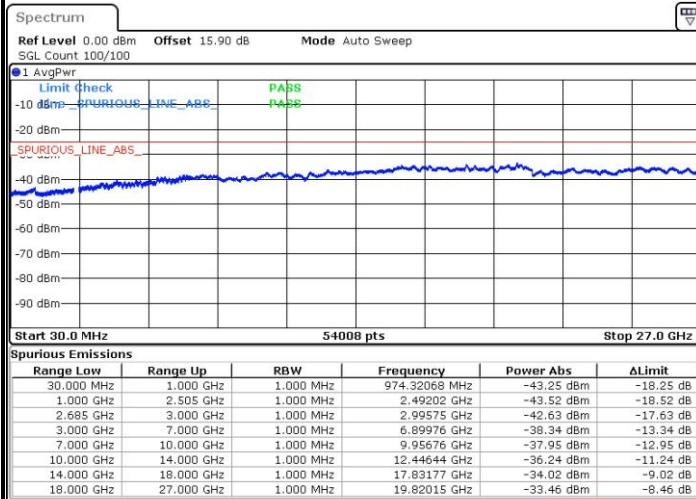


Date: 13 MAY.2019 00:52:15



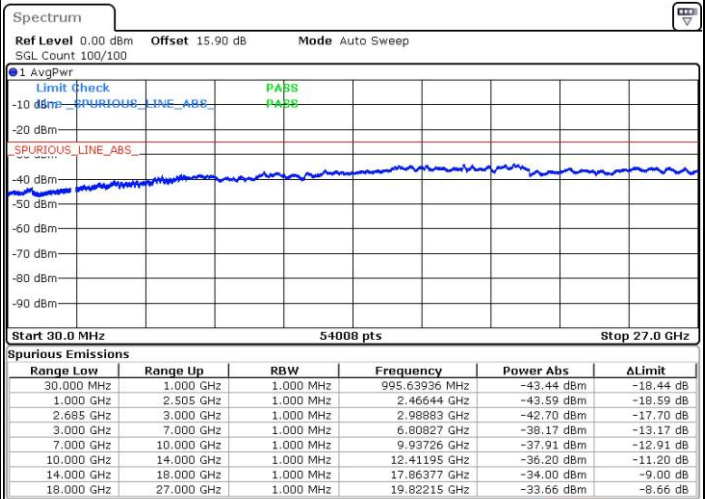
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 13 MAY 2019 00:55:44

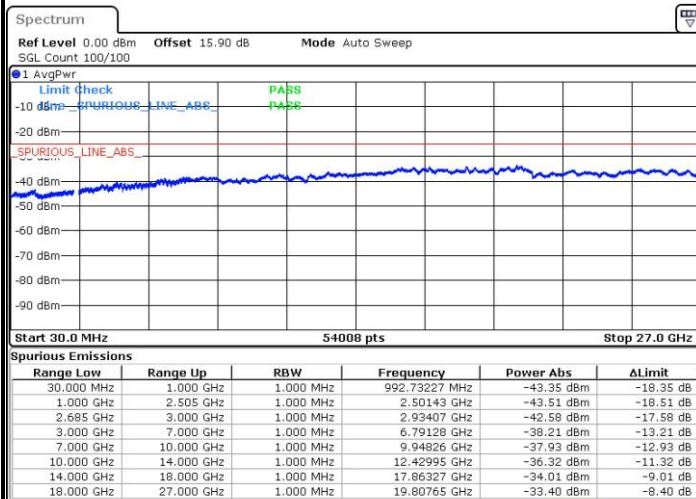
Highest Channel / 16QAM



Date: 13 MAY 2019 00:56:30

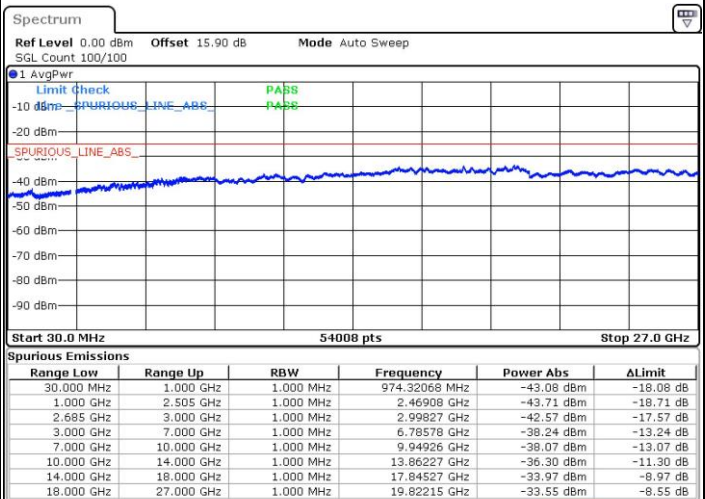
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 13 MAY 2019 00:59:59

Lowest Channel / 16QAM

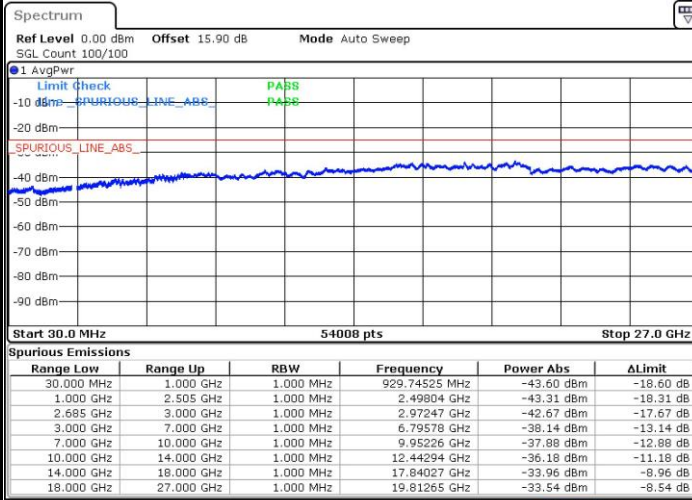


Date: 13 MAY 2019 01:00:45



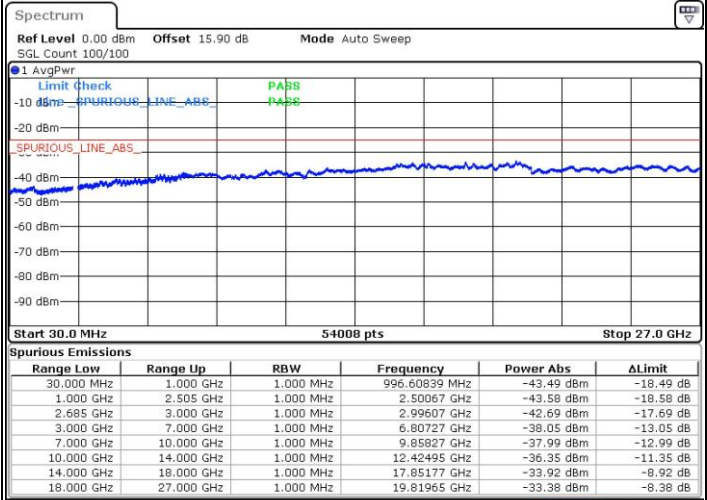
LTE Band 41 / 20MHz

Middle Channel / QPSK



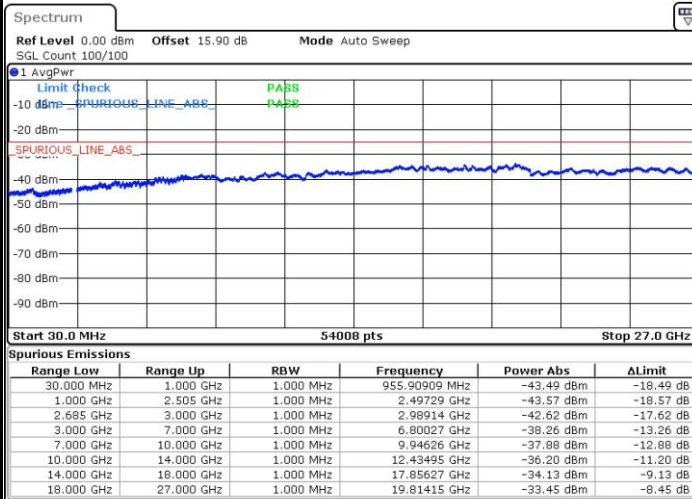
Date: 13 MAY 2019 01:01:31

Middle Channel / 16QAM



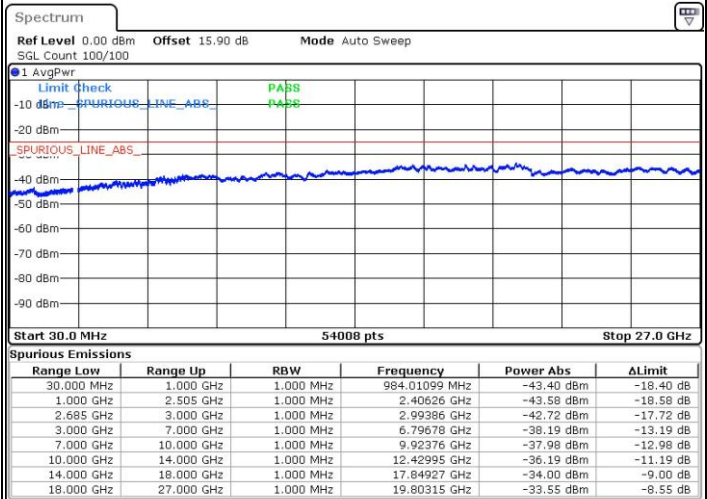
Date: 13 MAY 2019 01:02:18

Highest Channel / QPSK



Date: 13 MAY 2019 01:05:46

Highest Channel / 16QAM

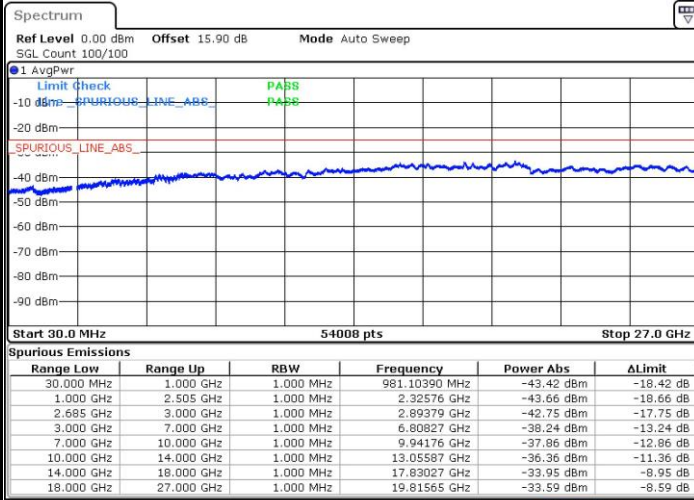


Date: 13 MAY 2019 01:06:33



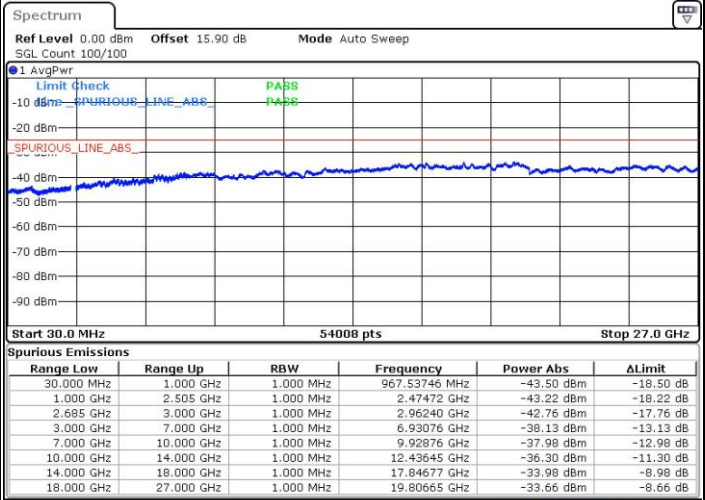
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



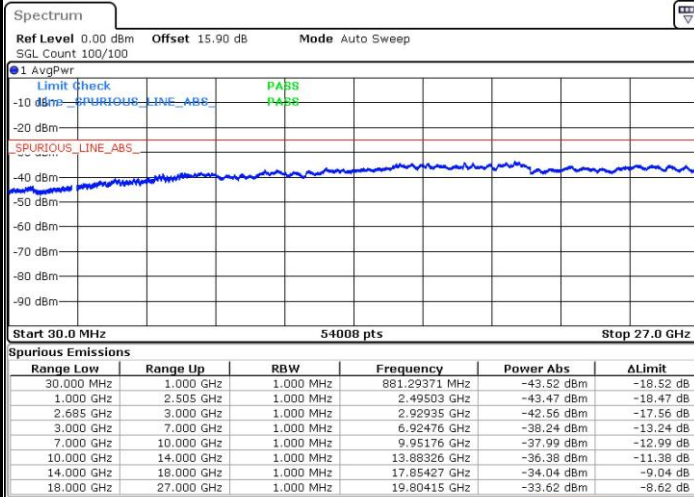
Date: 13 MAY 2019 01:08:41

Middle Channel / 64QAM



Date: 13 MAY 2019 01:09:27

Highest Channel / 64QAM

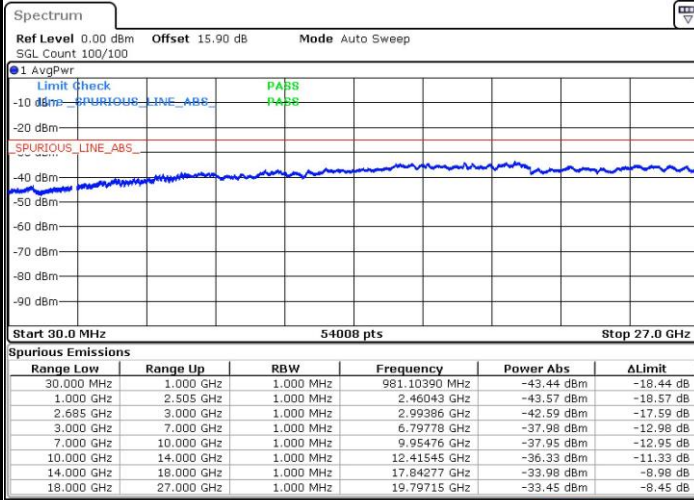


Date: 13 MAY 2019 01:11:35



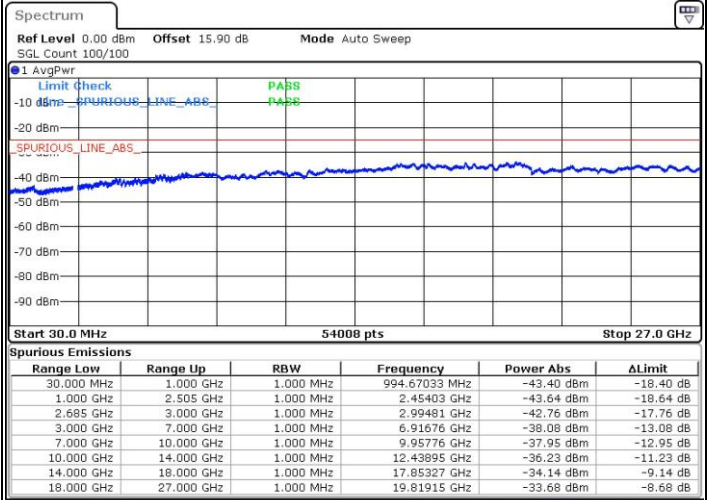
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



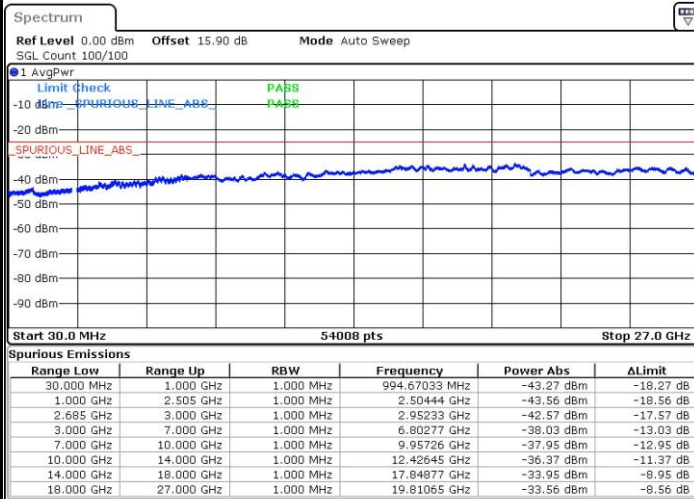
Date: 13 MAY.2019 01:13:42

Middle Channel / 64QAM



Date: 13 MAY.2019 01:14:29

Highest Channel / 64QAM

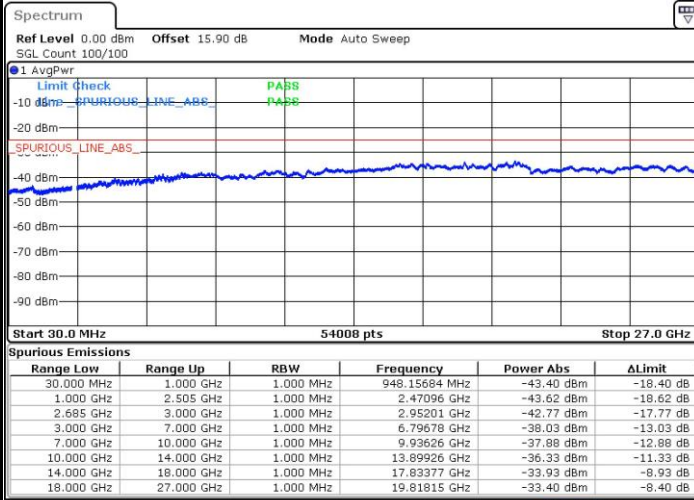


Date: 13 MAY.2019 01:16:36



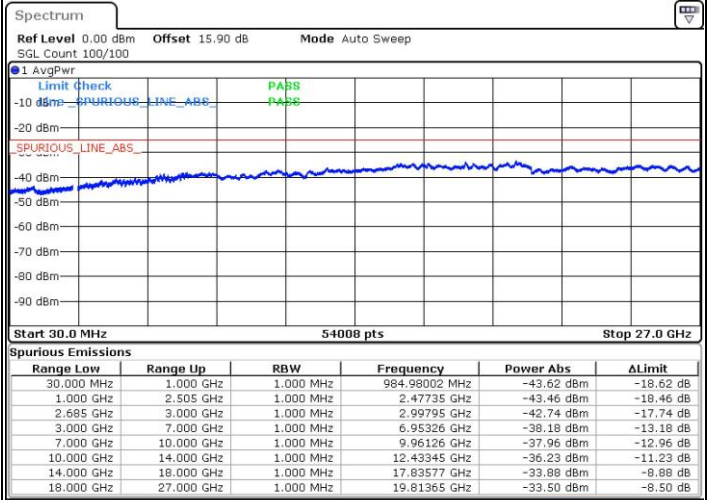
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



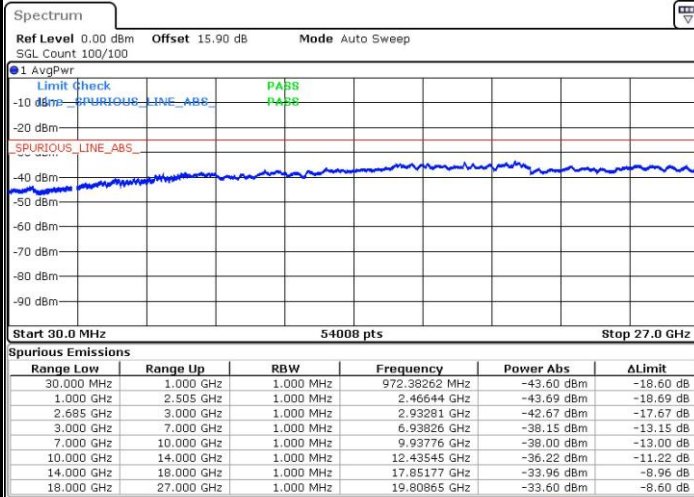
Date: 13 MAY 2019 01:18:44

Middle Channel / 64QAM



Date: 13 MAY 2019 01:19:30

Highest Channel / 64QAM

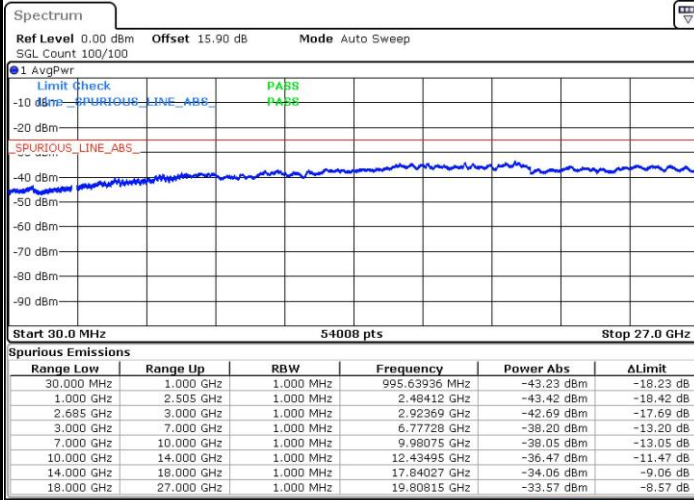


Date: 13 MAY 2019 01:21:37



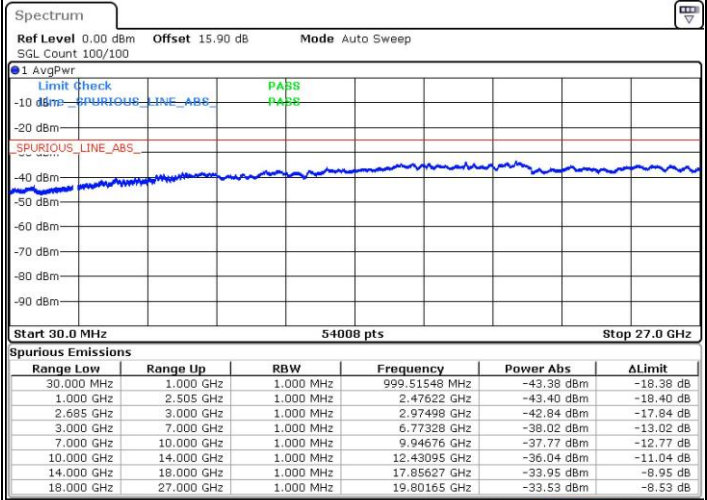
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



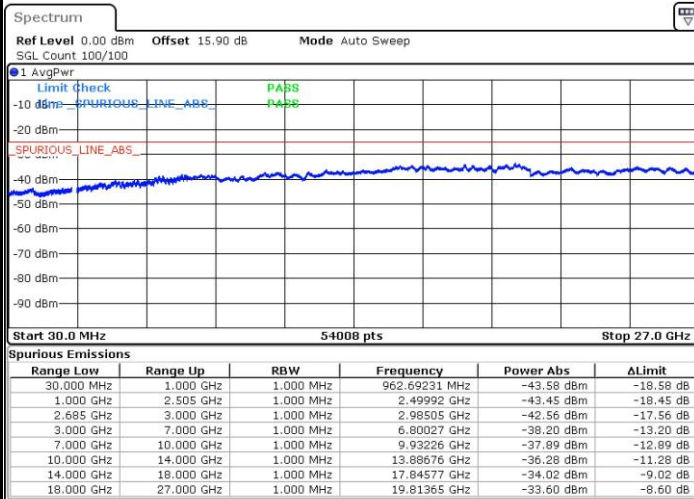
Date: 13 MAY 2019 01:23:45

Middle Channel / 64QAM



Date: 13 MAY 2019 01:24:32

Highest Channel / 64QAM



Date: 13 MAY 2019 01:26:39

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0064	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0070	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



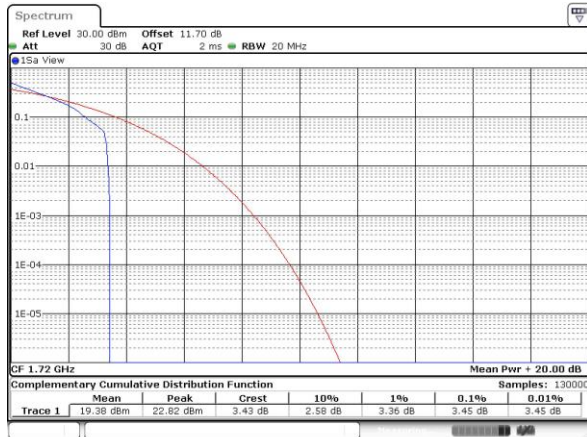
LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.7	4.84	6	PASS
Middle CH	3.65	4.61	5.51	6	
Highest CH	3.13	4.38	4.93	5.74	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.20	6.64	-	-	PASS
Middle CH	6.41	6.64	-	-	
Highest CH	5.83	6.32	-	-	

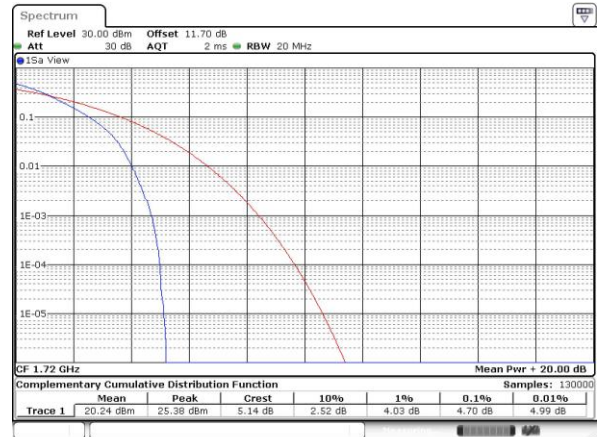
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 13 MAY 2019 11:55:15

Lowest Channel / Full RB



Date: 13 MAY 2019 11:55:27

Middle Channel / 1RB



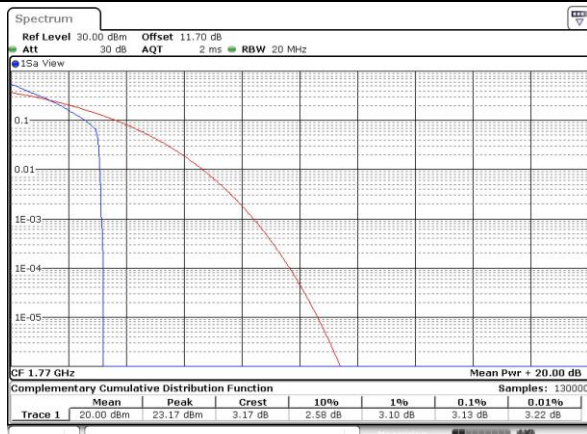
Date: 13 MAY 2019 11:55:42

Middle Channel / Full RB



Date: 13 MAY 2019 11:55:54

Highest Channel / 1RB



Date: 13 MAY 2019 11:56:07

Highest Channel / Full RB



Date: 13 MAY 2019 11:56:19