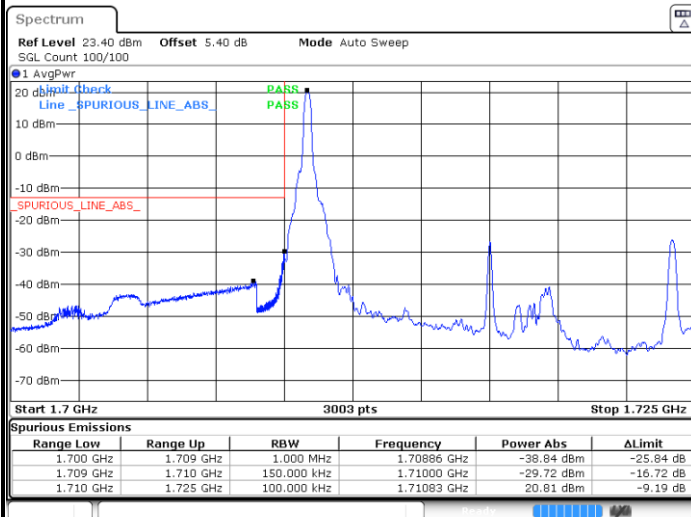


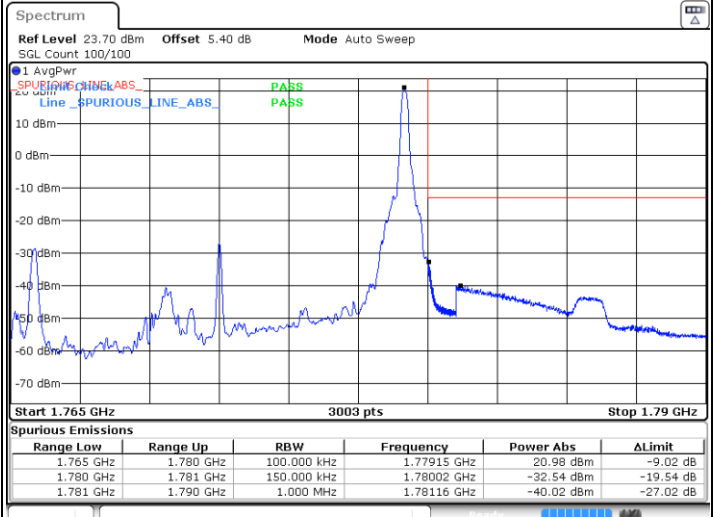


LTE Band 66 / 15MHz / QPSK

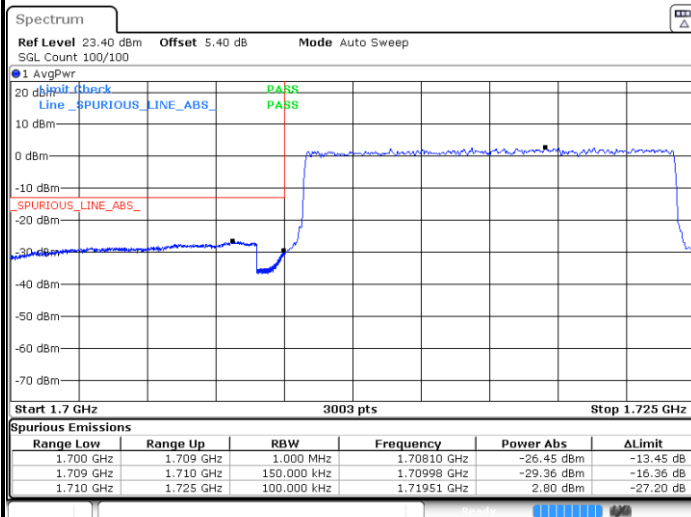
Lowest Band Edge / 1 RB



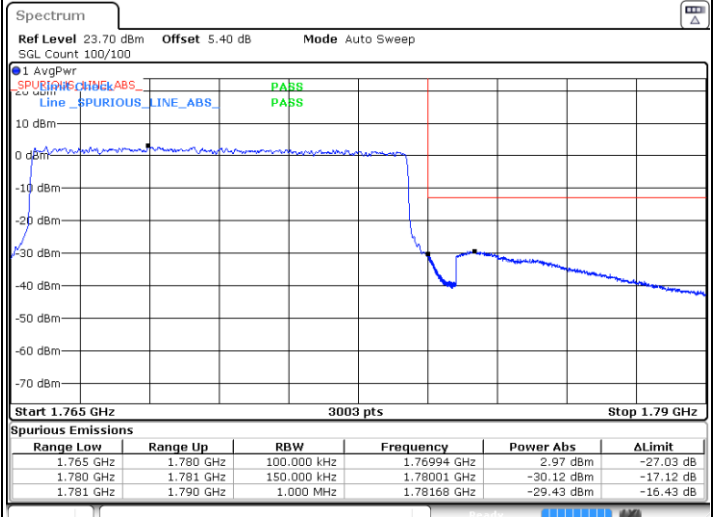
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



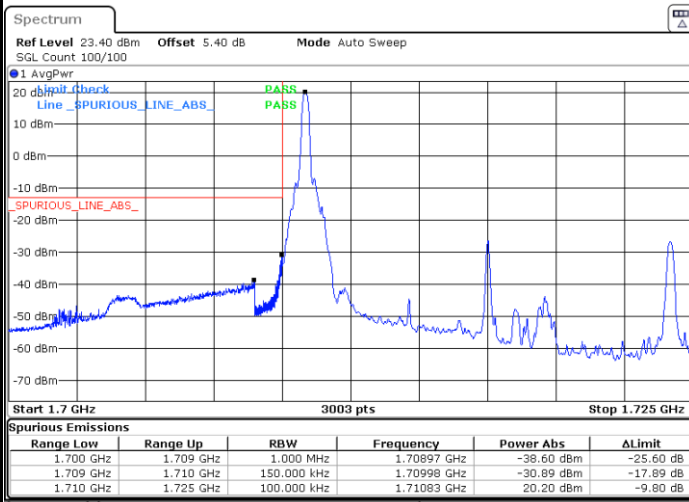
Highest Band Edge / Full RB



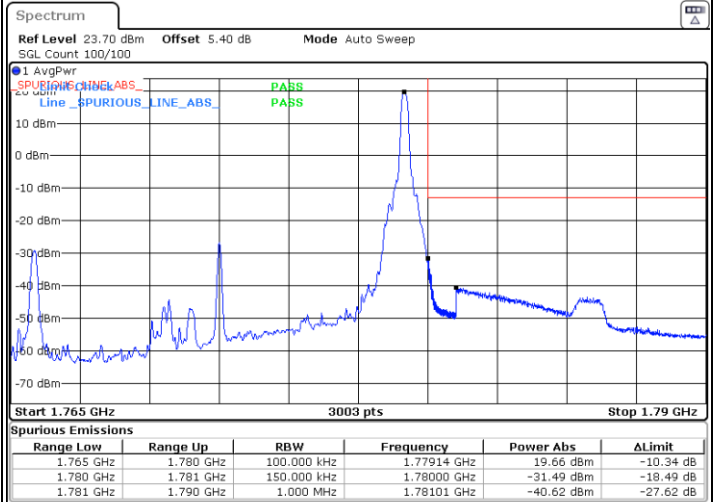


LTE Band 66 / 15MHz / 16QAM

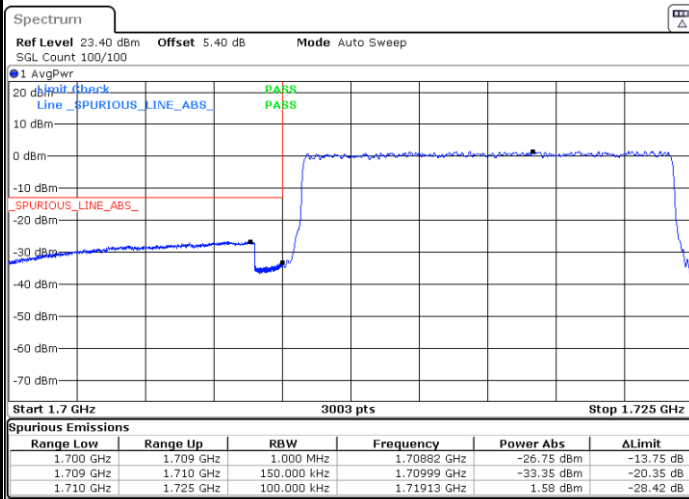
Lowest Band Edge / 1 RB



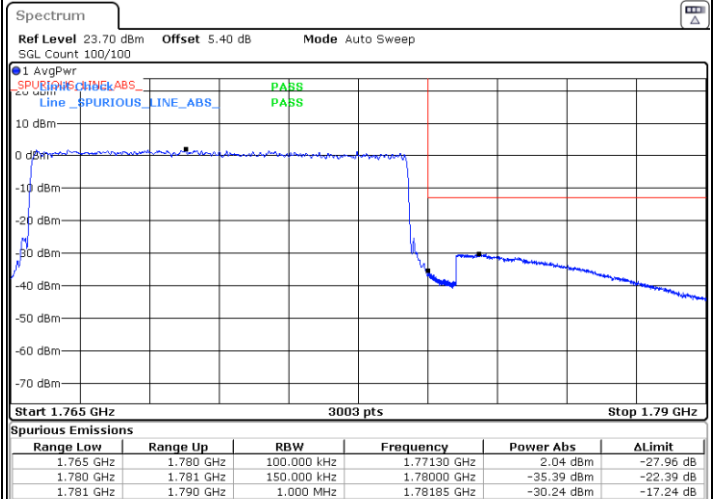
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



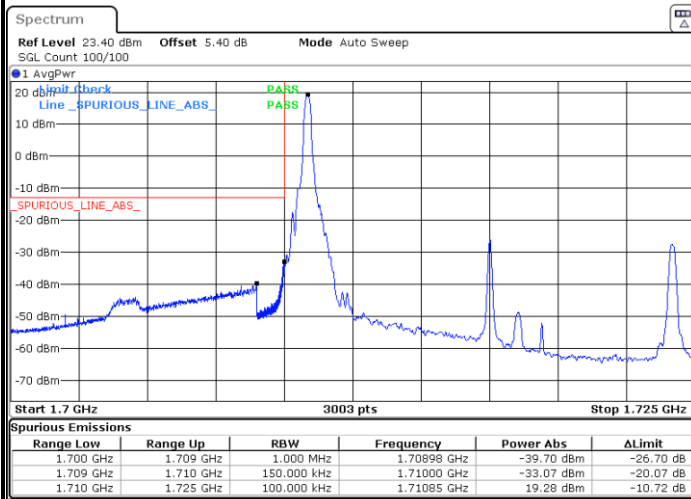
Highest Band Edge / Full RB



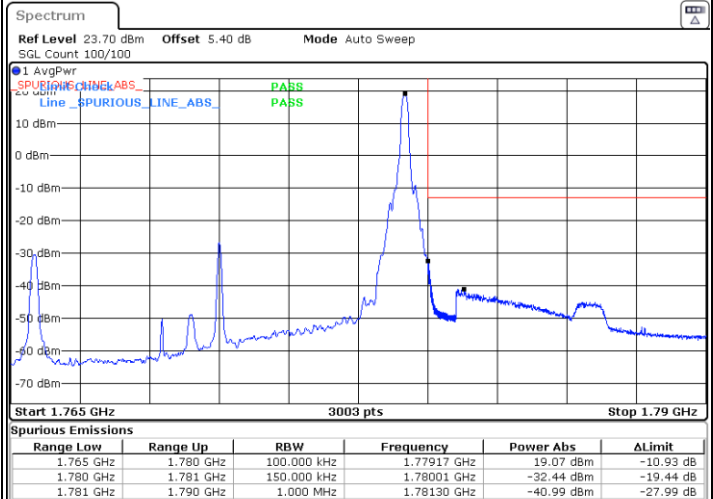


LTE Band 66 / 15MHz / 64QAM

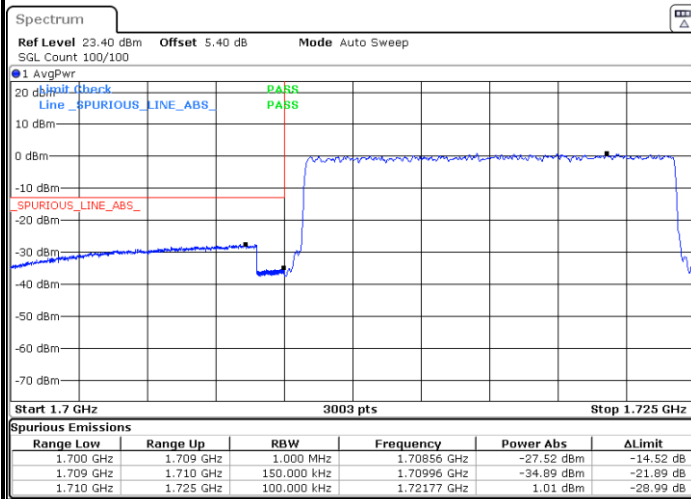
Lowest Band Edge / 1 RB



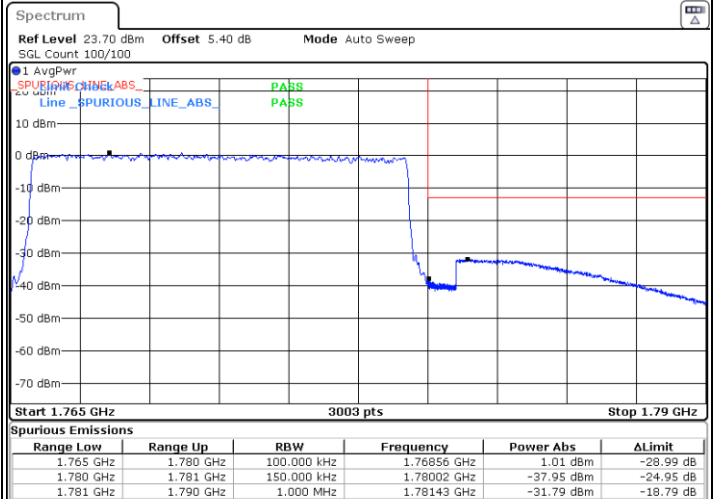
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



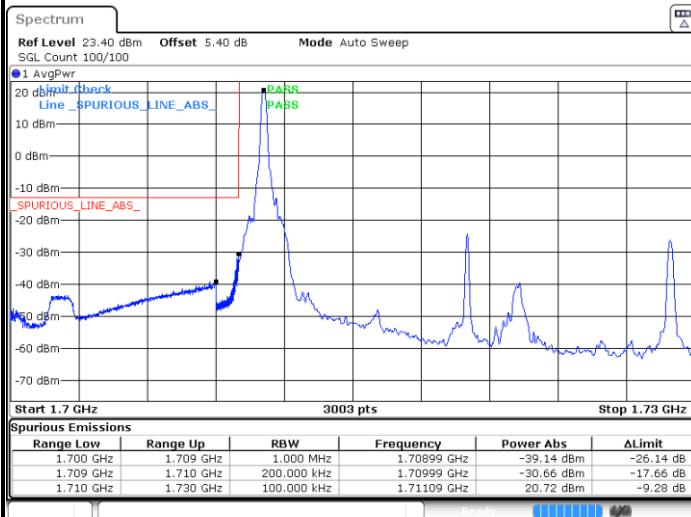
Highest Band Edge / Full RB



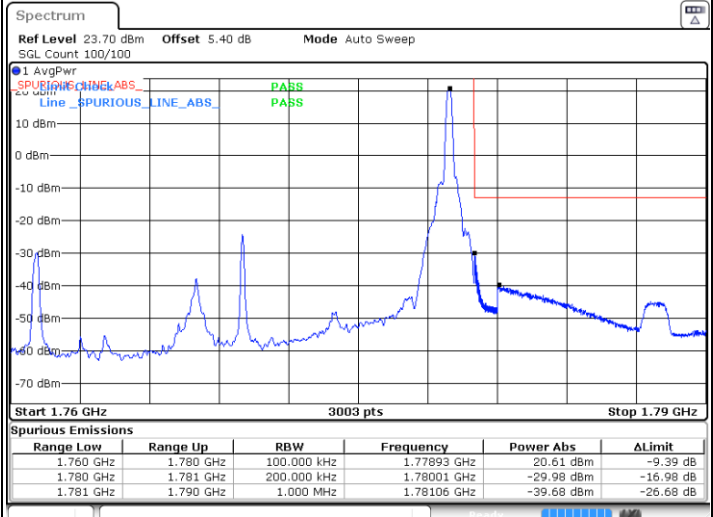


LTE Band 66 / 20MHz / QPSK

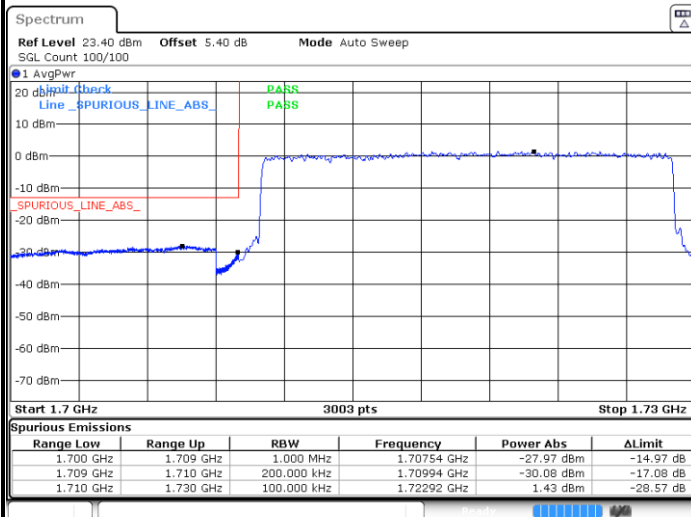
Lowest Band Edge / 1 RB



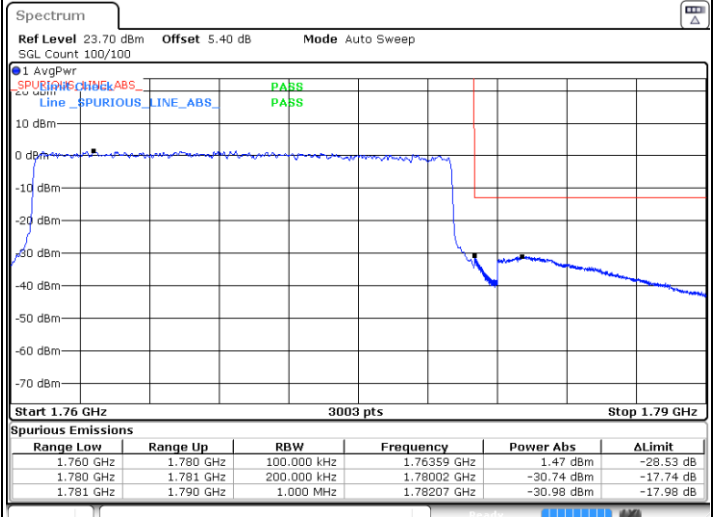
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Highest Band Edge / 1 RB



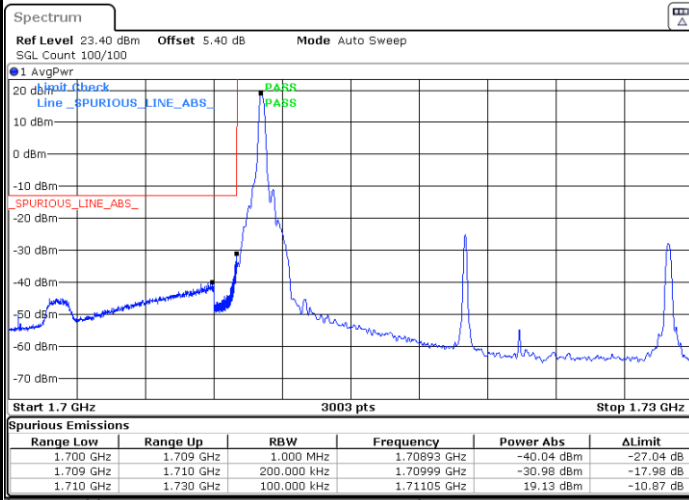
Highest Band Edge / Full RB



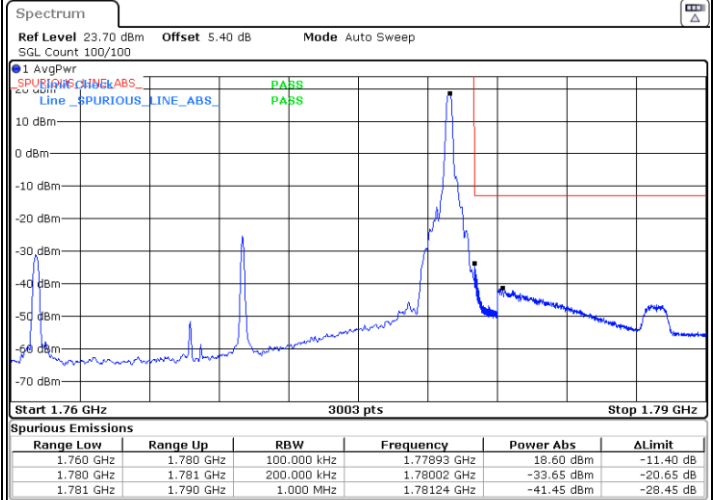


LTE Band 66 / 20MHz / 64QAM

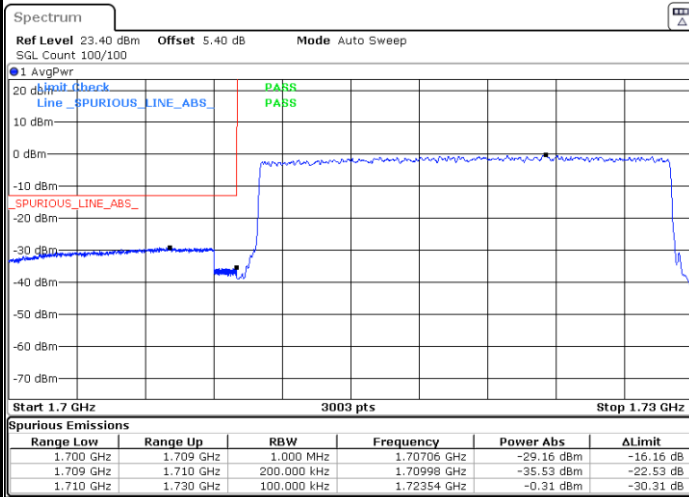
Lowest Band Edge / 1 RB



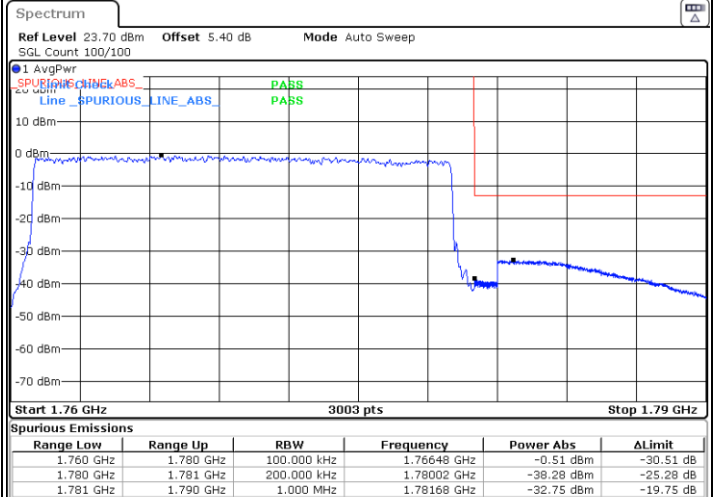
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

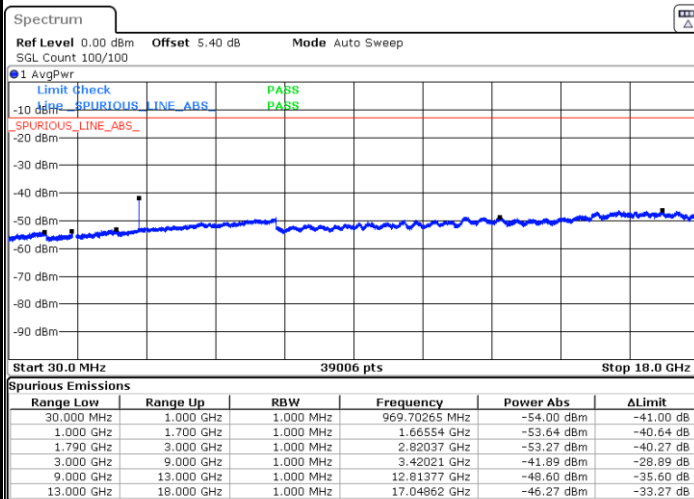




Conducted Spurious Emission

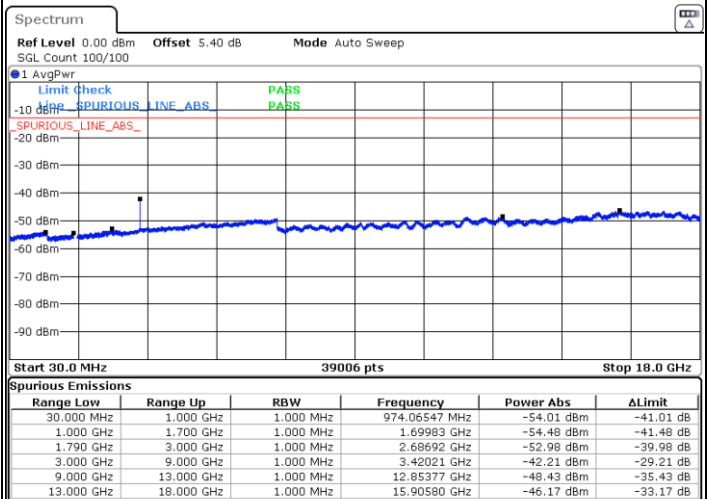
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



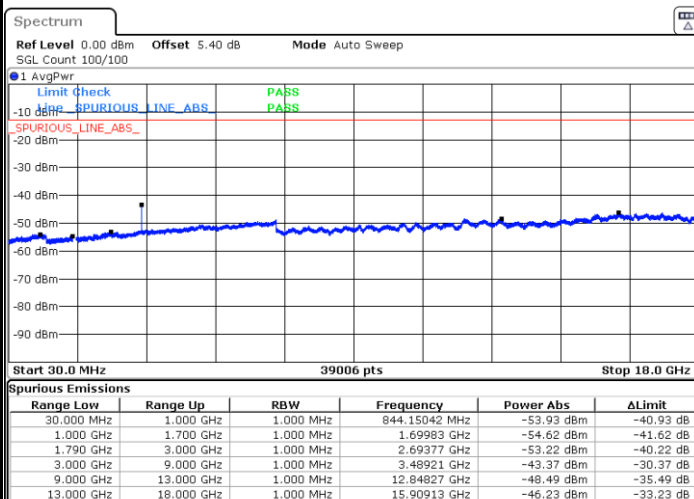
Date: 19 JAN 2020 01:50:38

Lowest Channel / 16QAM



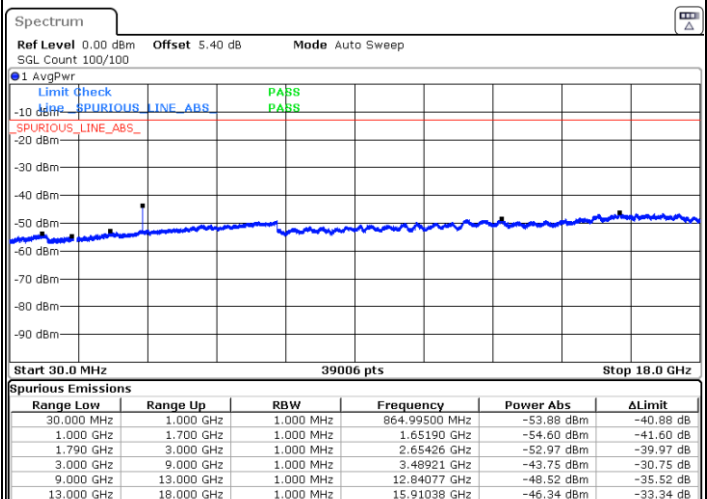
Date: 19 JAN 2020 01:52:23

Middle Channel / QPSK



Date: 19 JAN 2020 01:55:29

Middle Channel / 16QAM

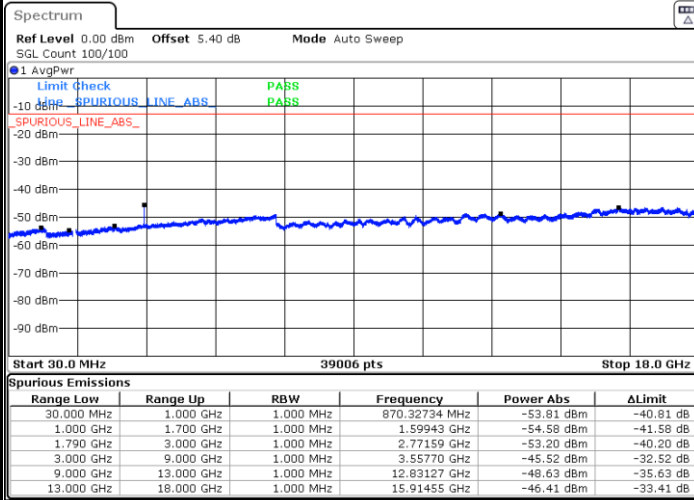


Date: 19 JAN 2020 01:56:09



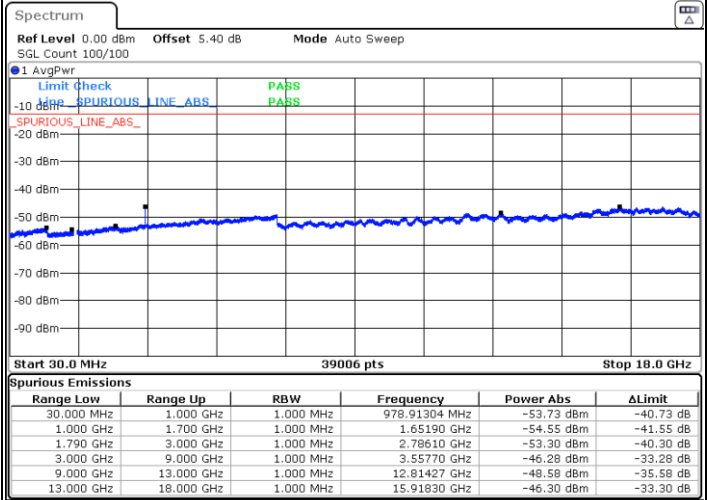
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 19 JAN 2020 02:06:04

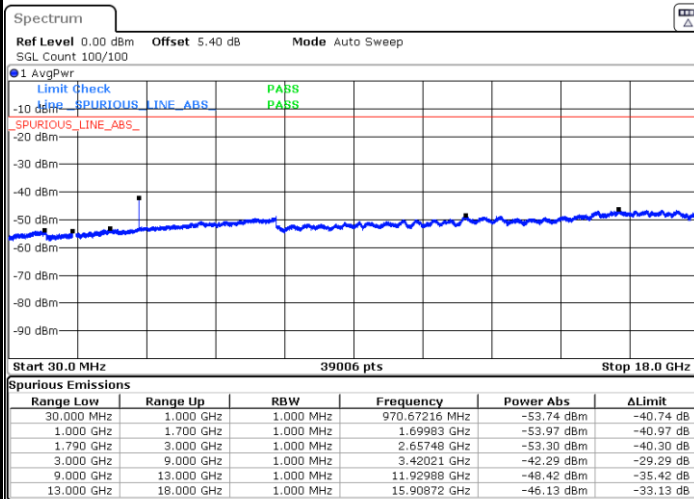
Highest Channel / 16QAM



Date: 19 JAN 2020 02:06:42

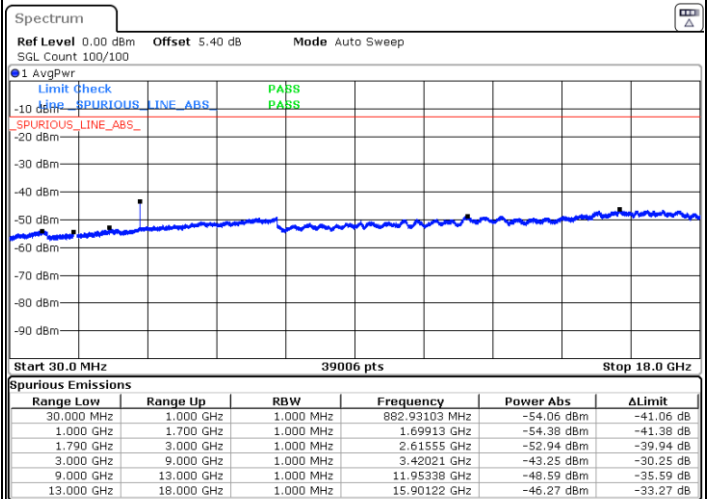
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 19 JAN 2020 02:19:32

Lowest Channel / 16QAM

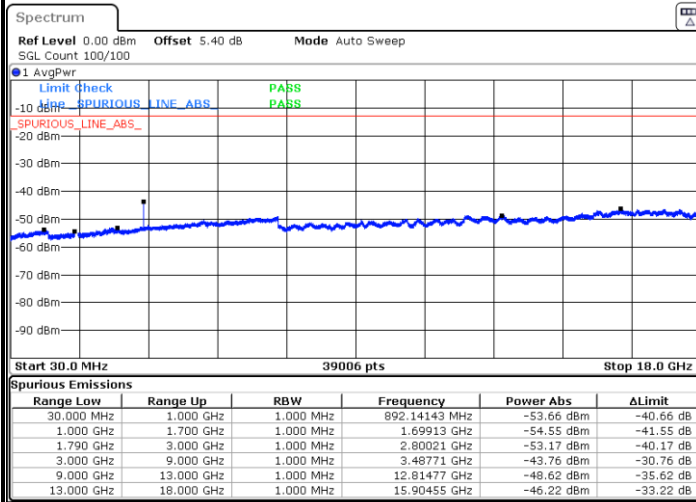


Date: 19 JAN 2020 02:20:48



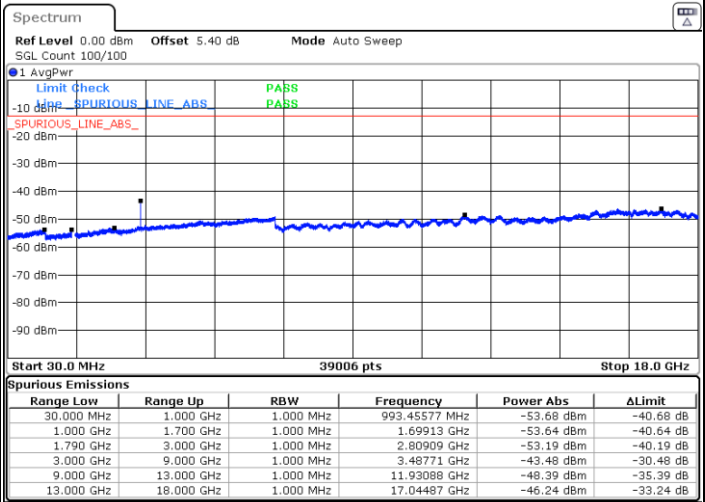
LTE Band 66 / 3MHz

Middle Channel / QPSK



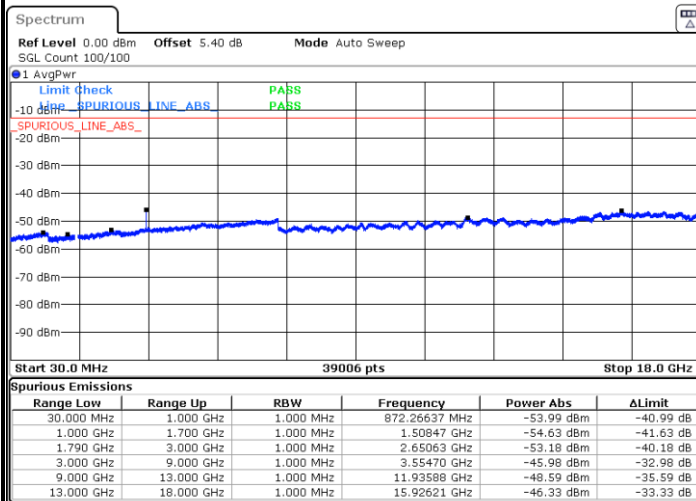
Date: 19 JAN 2020 02:24:07

Middle Channel / 16QAM



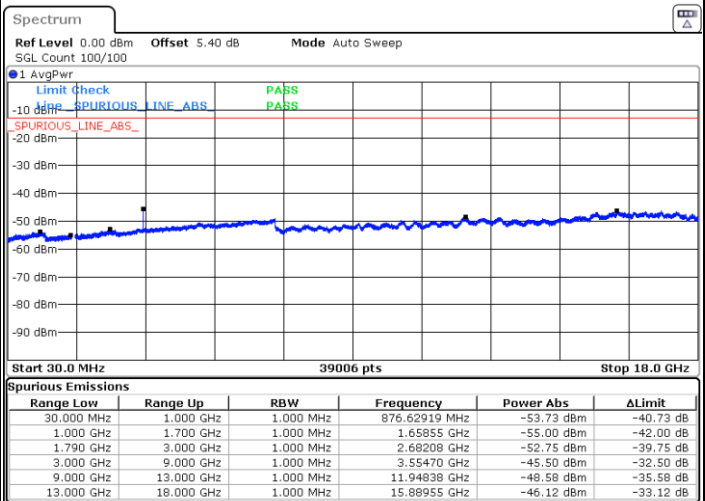
Date: 19 JAN 2020 02:23:29

Highest Channel / QPSK



Date: 19 JAN 2020 02:30:08

Highest Channel / 16QAM

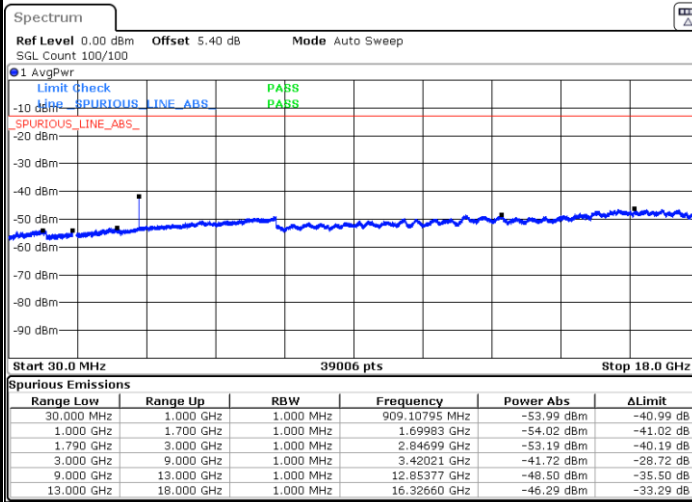


Date: 19 JAN 2020 02:30:54



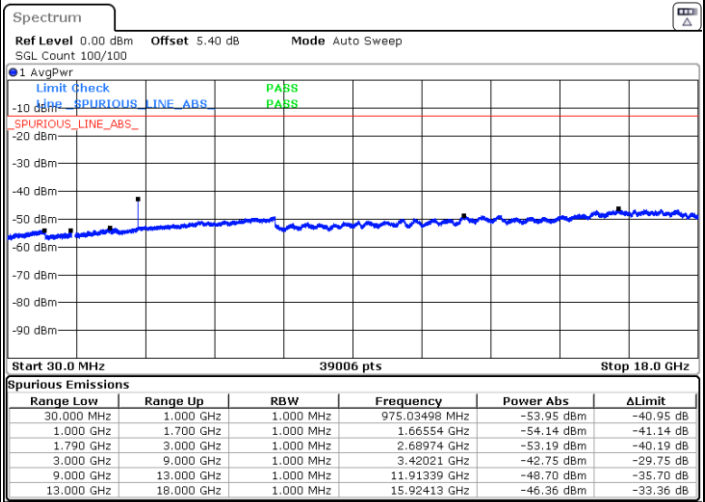
LTE Band 66 / 5MHz

Lowest Channel / QPSK



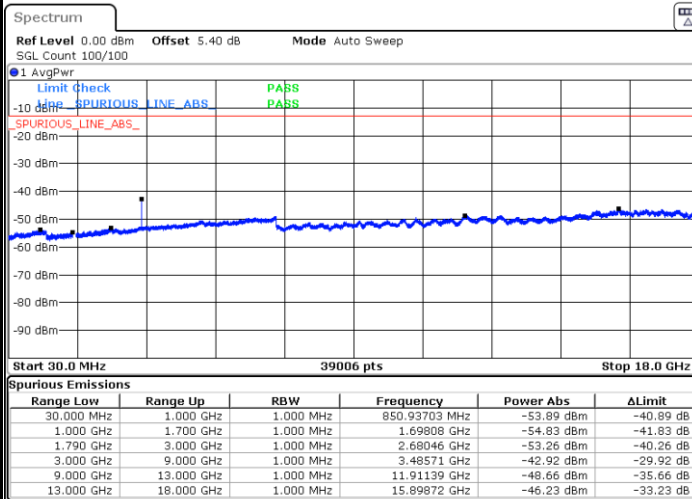
Date: 19 JAN 2020 02:39:56

Lowest Channel / 16QAM



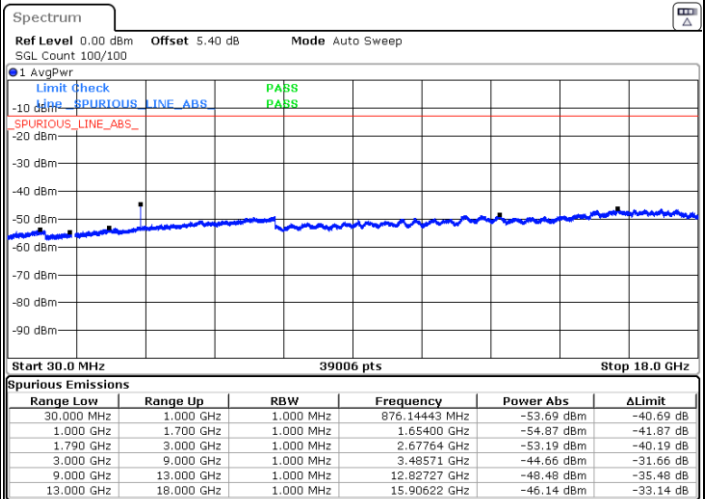
Date: 19 JAN 2020 02:39:04

Middle Channel / QPSK



Date: 19 JAN 2020 02:40:59

Middle Channel / 16QAM

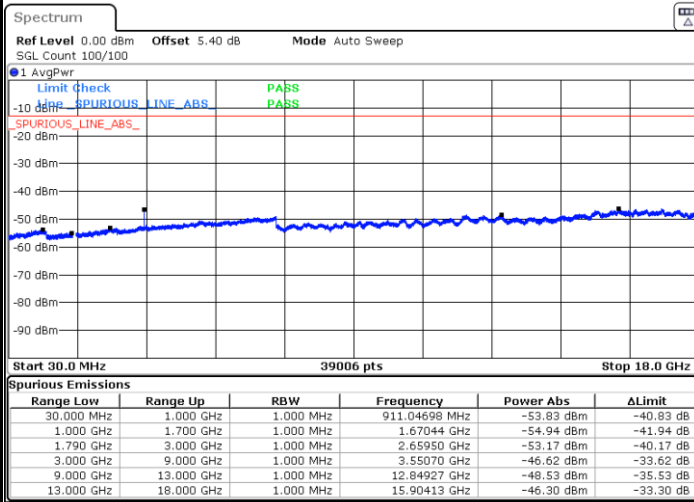


Date: 19 JAN 2020 02:41:41



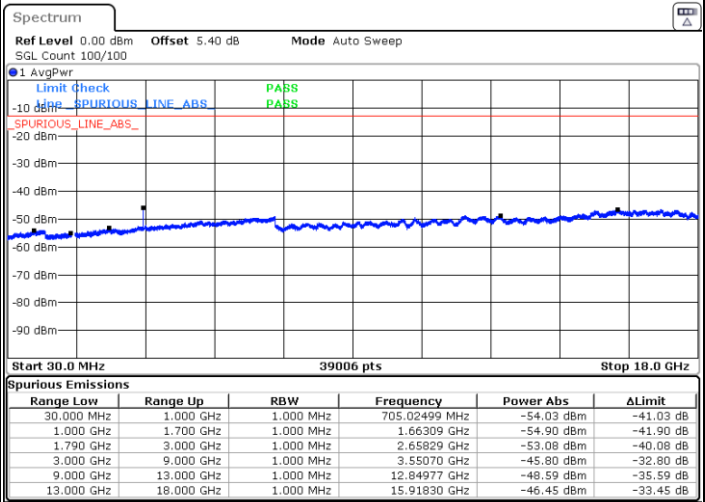
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 19 JAN 2020 02:47:35

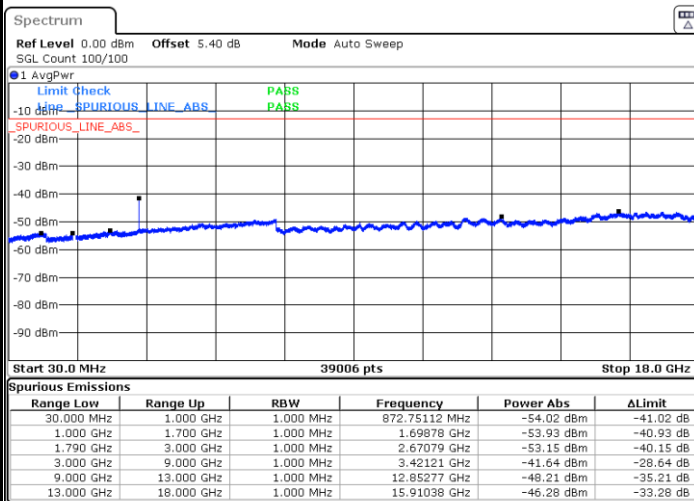
Highest Channel / 16QAM



Date: 19 JAN 2020 02:46:47

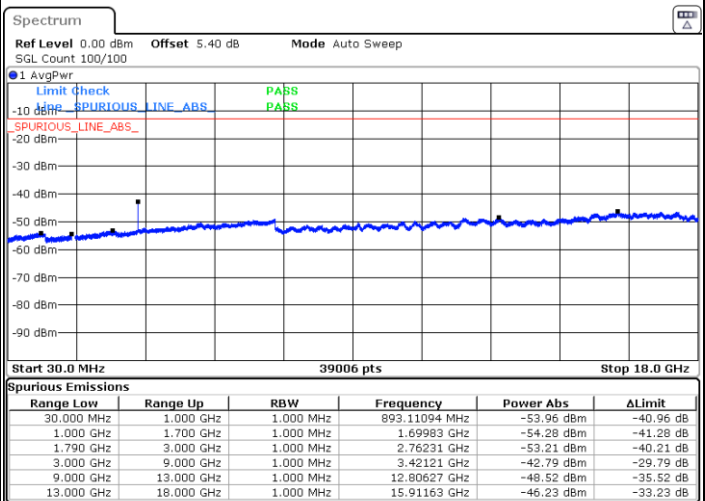
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 19 JAN 2020 02:55:59

Lowest Channel / 16QAM

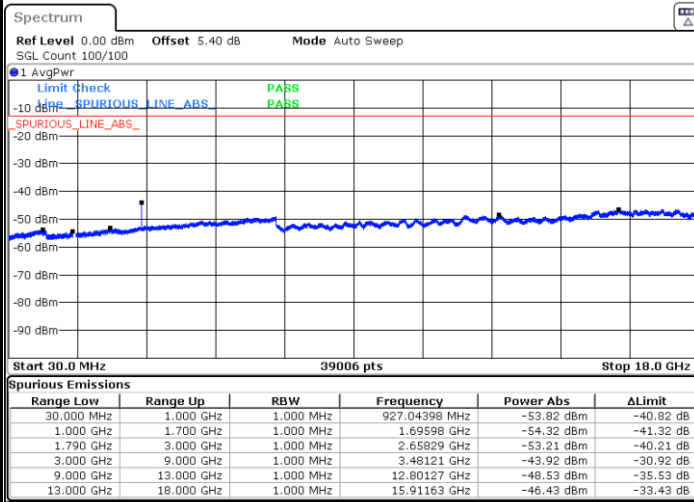


Date: 19 JAN 2020 02:54:25



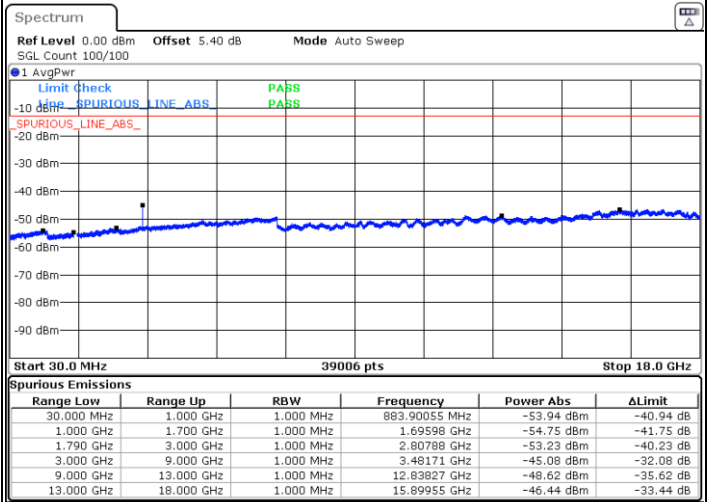
LTE Band 66 / 10MHz

Middle Channel / QPSK



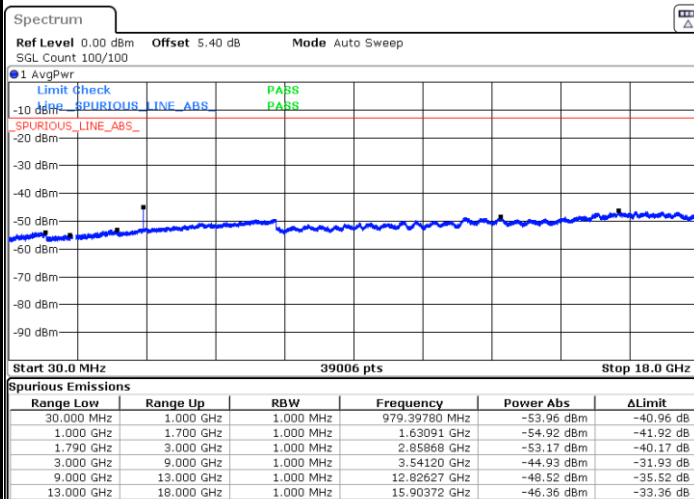
Date: 19 JAN 2020 02:56:46

Middle Channel / 16QAM



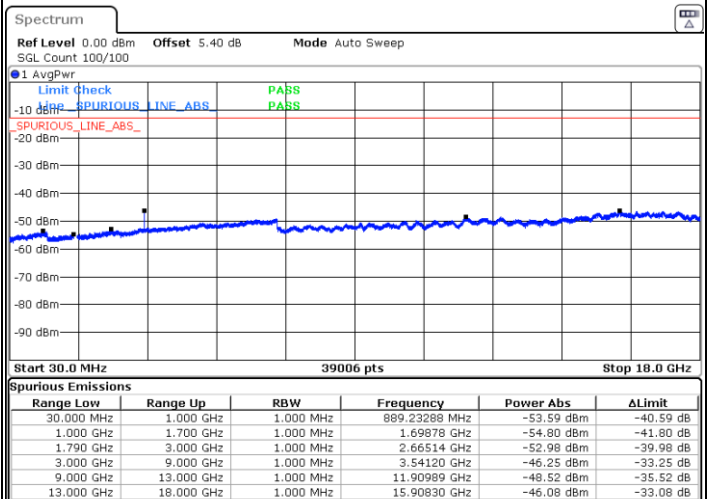
Date: 19 JAN 2020 02:57:26

Highest Channel / QPSK



Date: 19 JAN 2020 03:03:47

Highest Channel / 16QAM

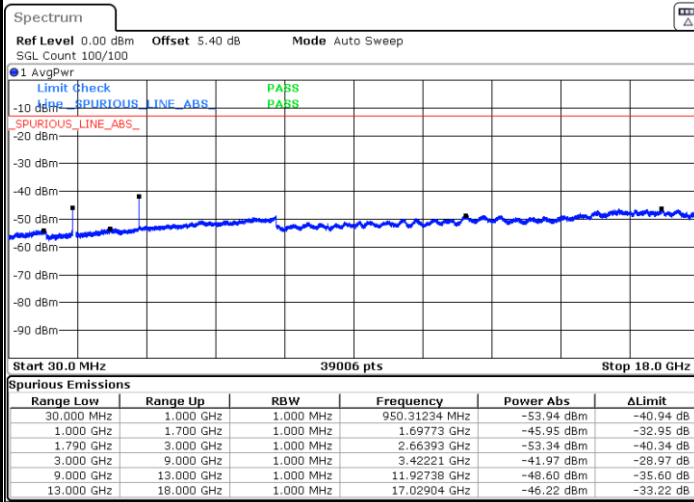


Date: 19 JAN 2020 03:02:51



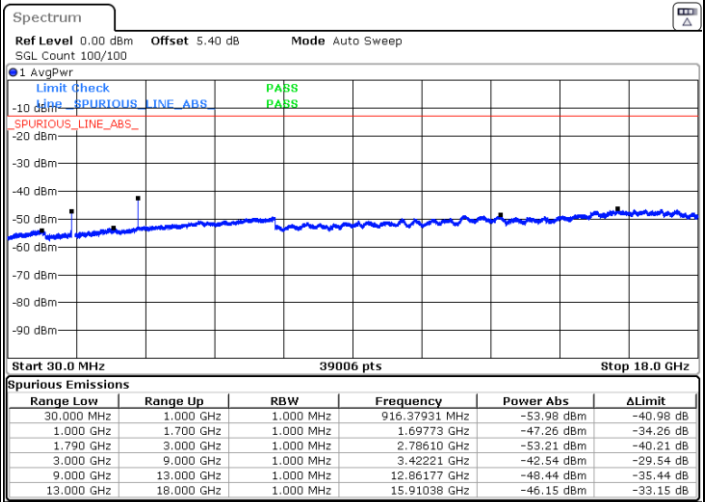
LTE Band 66 / 15MHz

Lowest Channel / QPSK



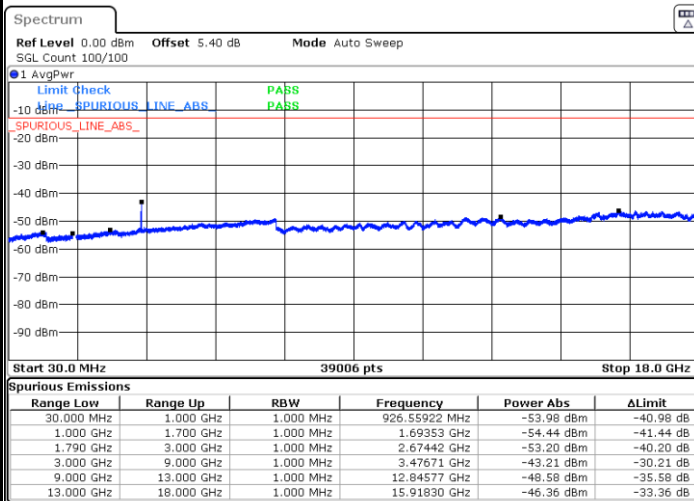
Date: 19 JAN 2020 03:31:44

Lowest Channel / 16QAM



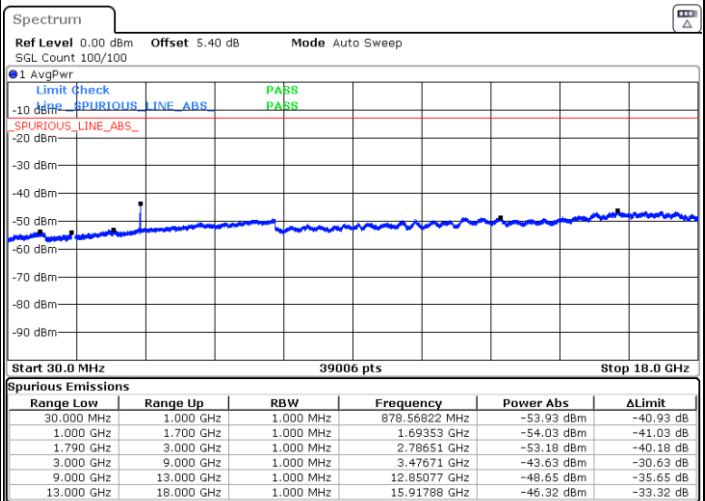
Date: 19 JAN 2020 03:30:55

Middle Channel / QPSK



Date: 19 JAN 2020 03:32:44

Middle Channel / 16QAM

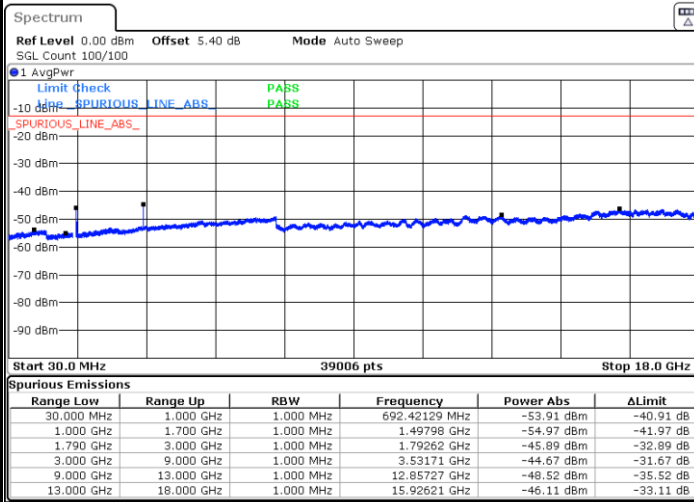


Date: 19 JAN 2020 03:33:25



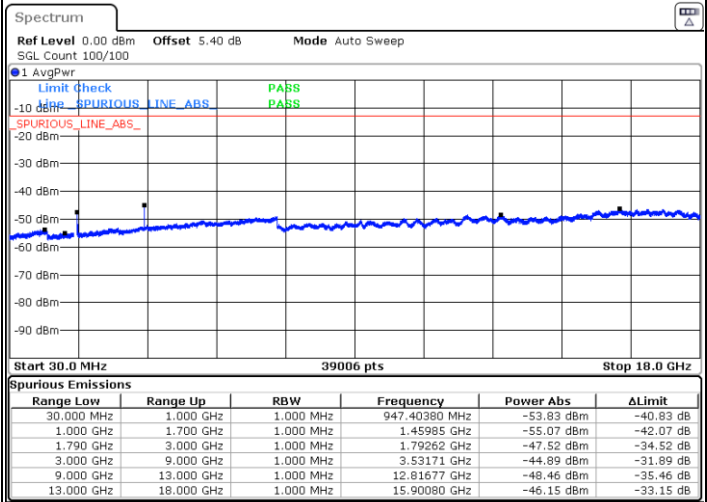
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 19 JAN 2020 03:40:04

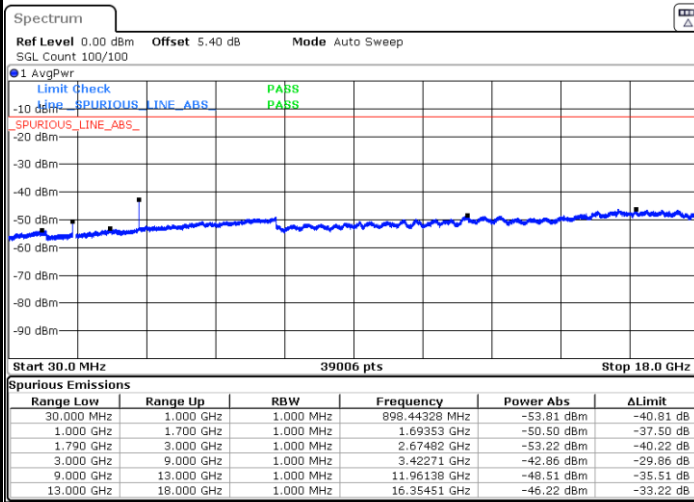
Highest Channel / 16QAM



Date: 19 JAN 2020 03:39:25

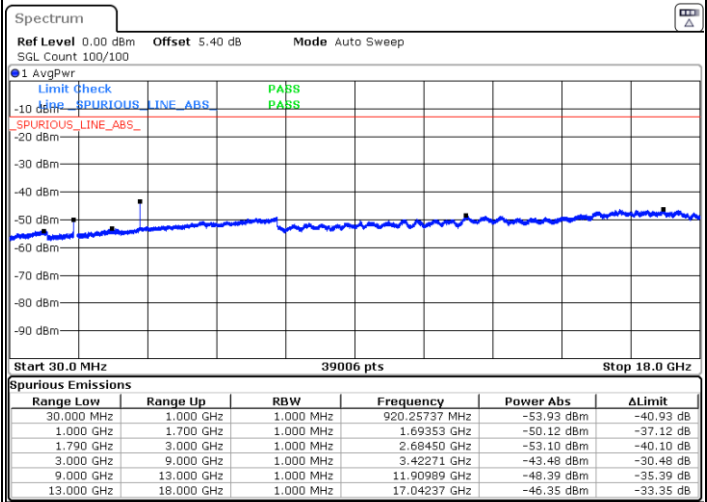
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 19 JAN 2020 03:48:15

Lowest Channel / 16QAM

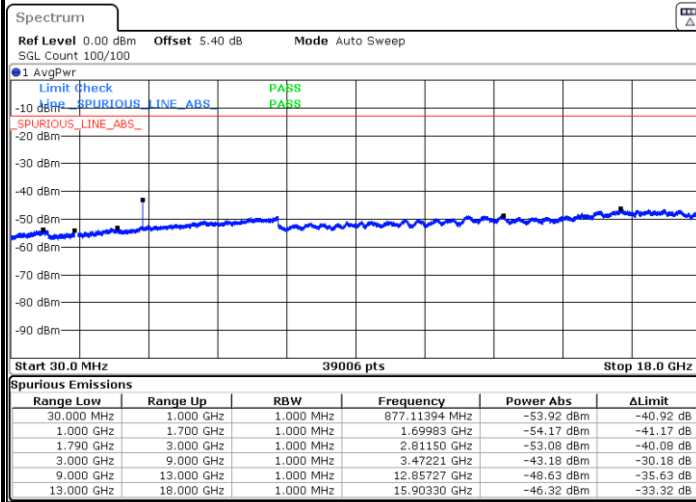


Date: 19 JAN 2020 03:47:18



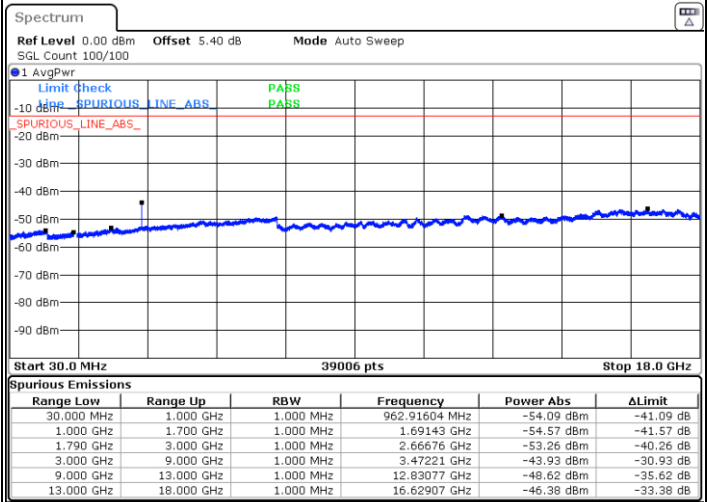
LTE Band 66 / 20MHz

Middle Channel / QPSK



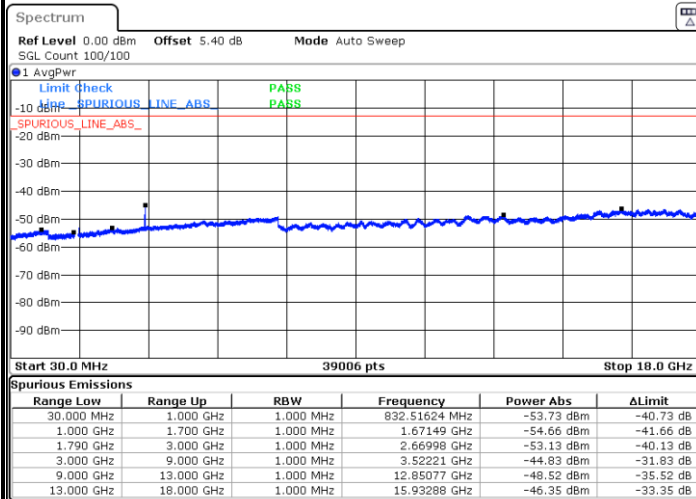
Date: 19 JAN 2020 03:49:25

Middle Channel / 16QAM



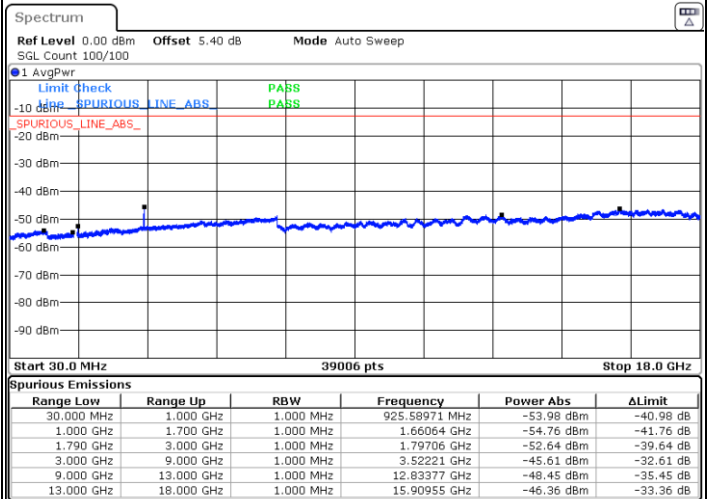
Date: 19 JAN 2020 03:50:12

Highest Channel / QPSK



Date: 19 JAN 2020 03:55:05

Highest Channel / 16QAM

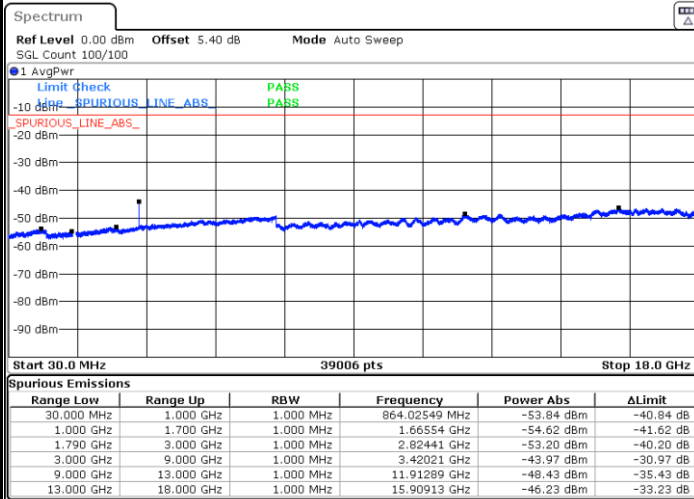


Date: 19 JAN 2020 03:55:52



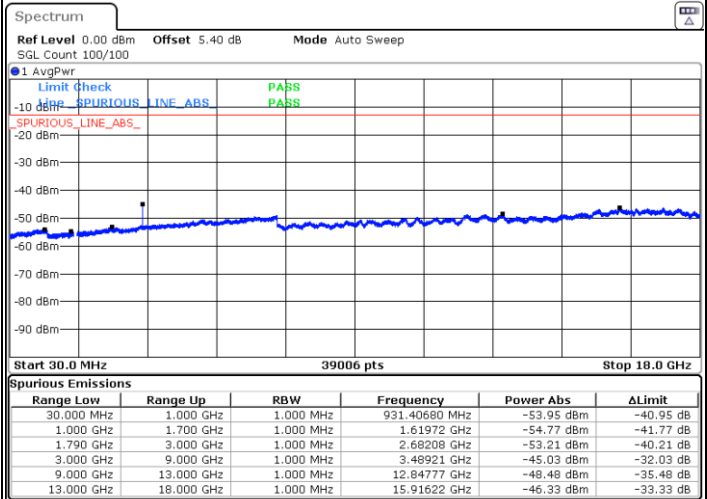
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



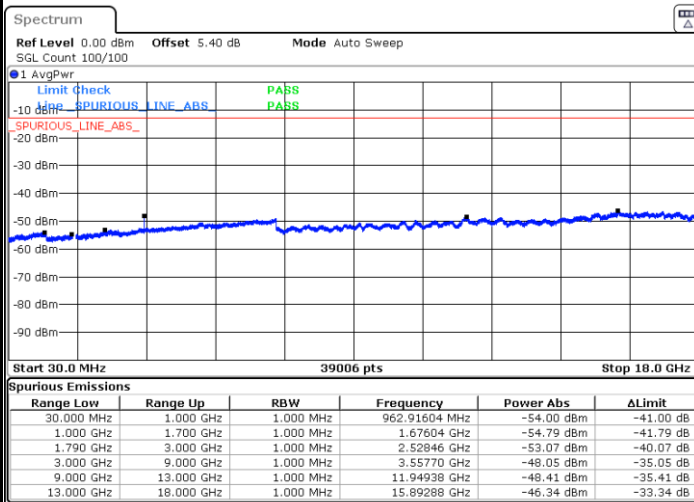
Date: 19 JAN 2020 01:54:06

Middle Channel / 64QAM



Date: 19 JAN 2020 01:56:47

Highest Channel / 64QAM

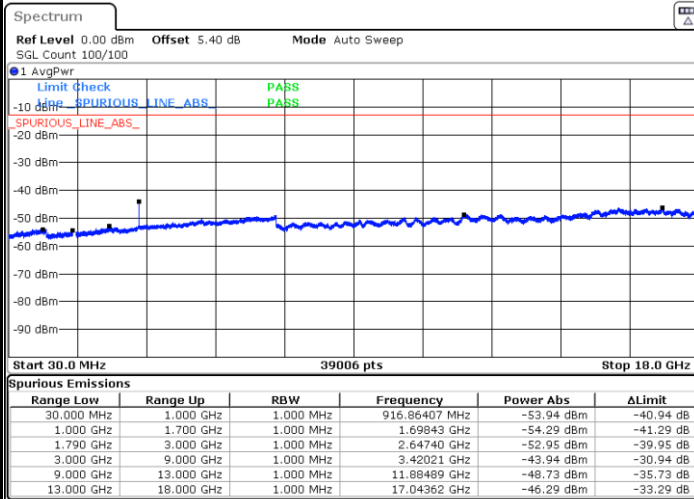


Date: 19 JAN 2020 02:07:21



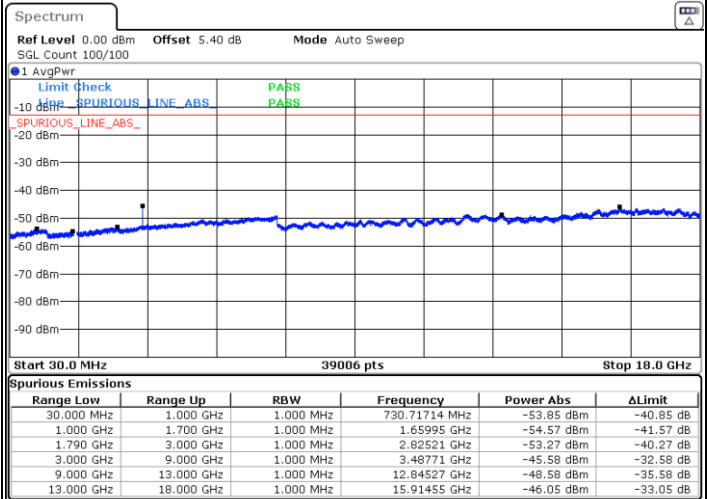
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



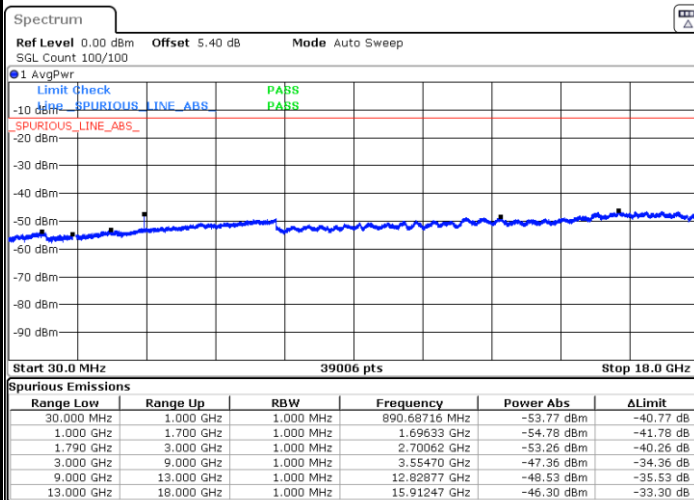
Date: 19 JAN 2020 02:21:58

Middle Channel / 64QAM



Date: 19 JAN 2020 02:22:49

Highest Channel / 64QAM

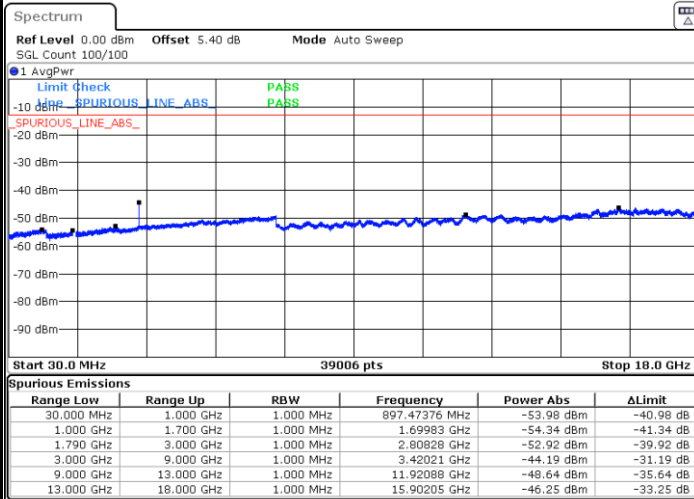


Date: 19 JAN 2020 02:28:48



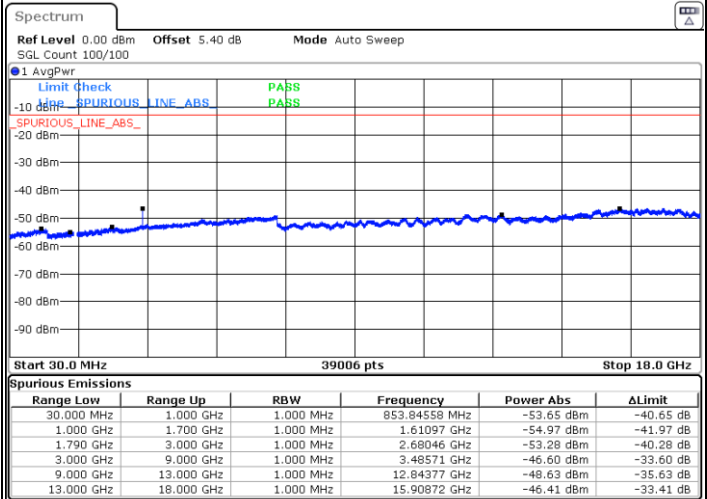
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



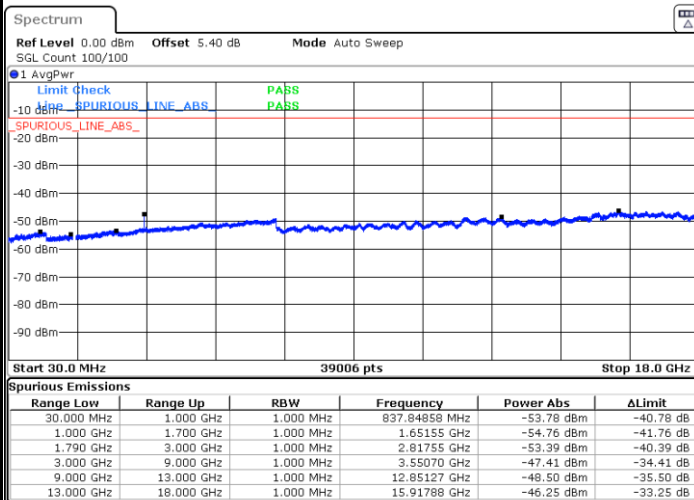
Date: 19 JAN 2020 02:38:10

Middle Channel / 64QAM



Date: 19 JAN 2020 02:42:20

Highest Channel / 64QAM

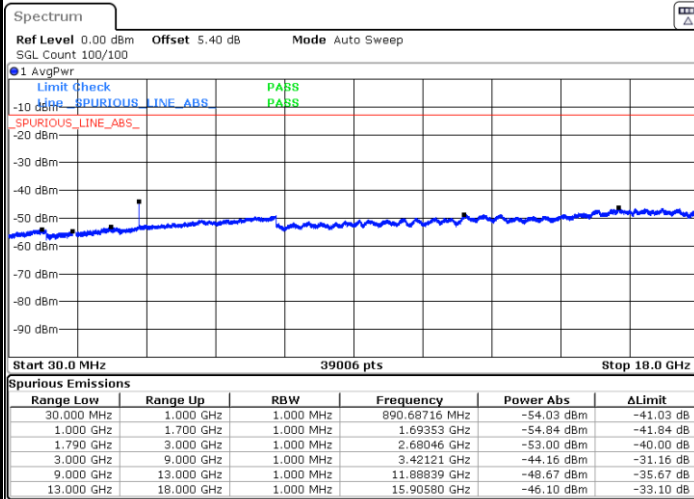


Date: 19 JAN 2020 02:46:08



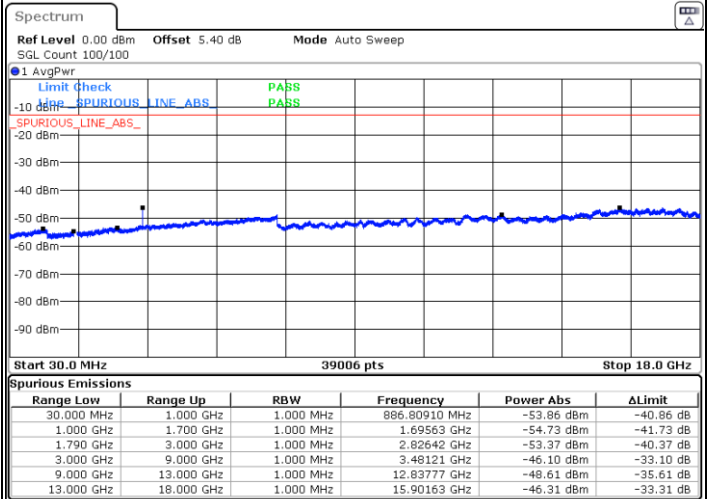
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



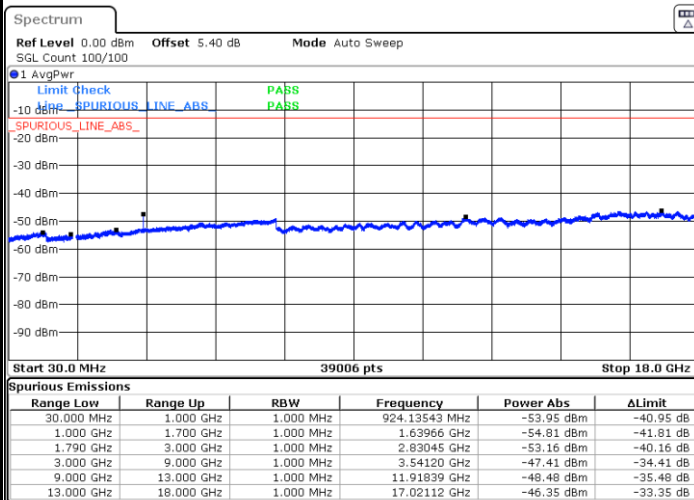
Date: 19 JAN 2020 02:53:14

Middle Channel / 64QAM



Date: 19 JAN 2020 02:58:06

Highest Channel / 64QAM

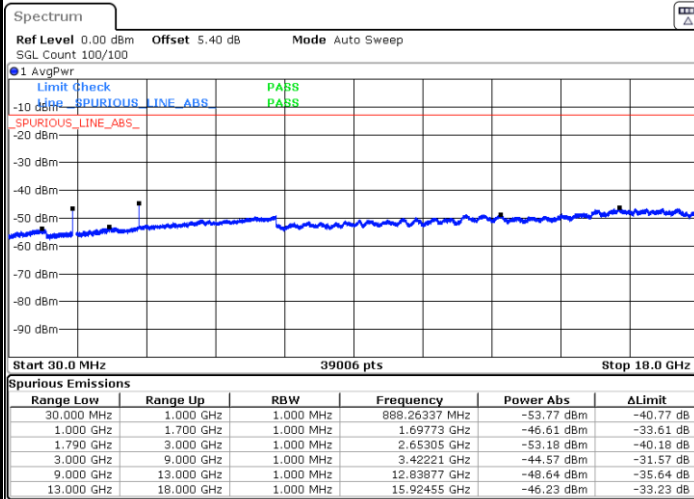


Date: 19 JAN 2020 03:01:59



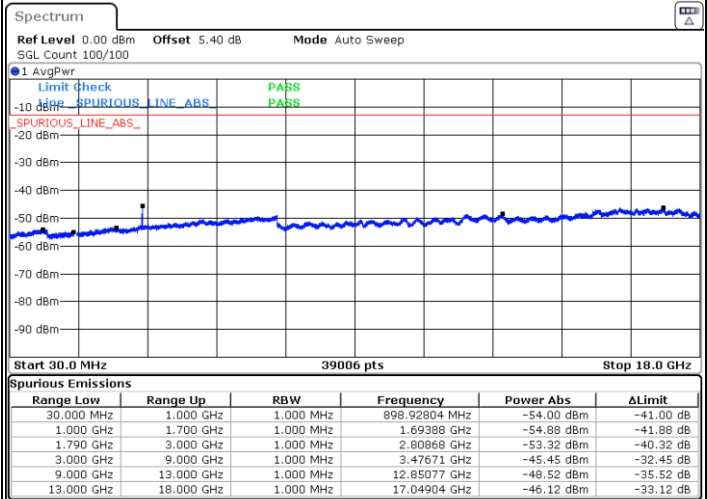
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



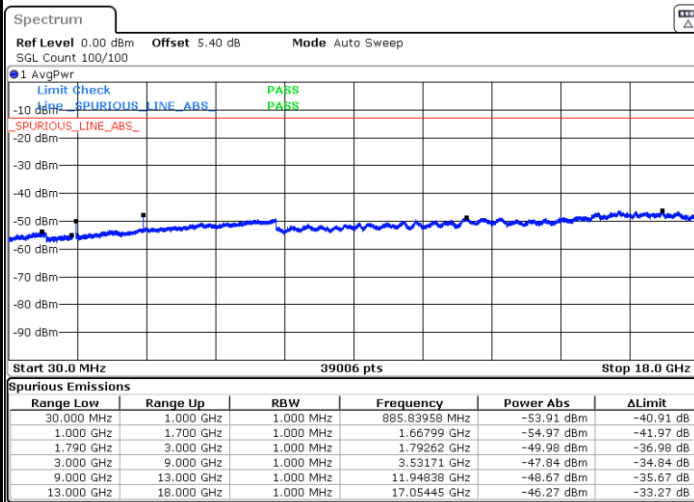
Date: 19 JAN 2020 03:29:15

Middle Channel / 64QAM



Date: 19 JAN 2020 03:34:10

Highest Channel / 64QAM

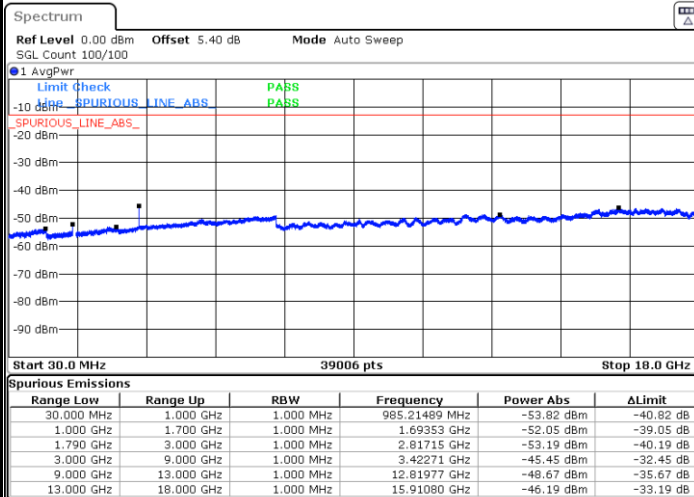


Date: 19 JAN 2020 03:40:43



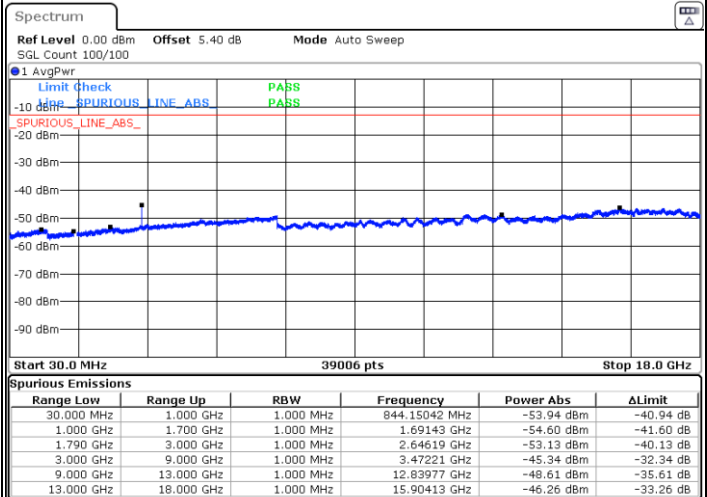
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



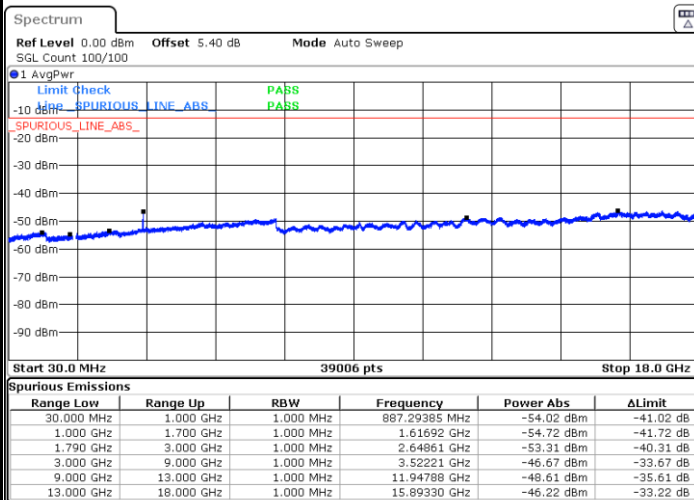
Date: 19 JAN 2020 03:46:11

Middle Channel / 64QAM



Date: 19 JAN 2020 03:51:07

Highest Channel / 64QAM



Date: 19 JAN 2020 03:56:43

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

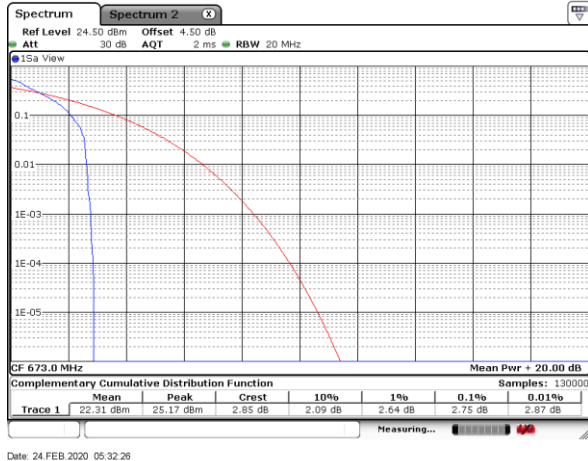
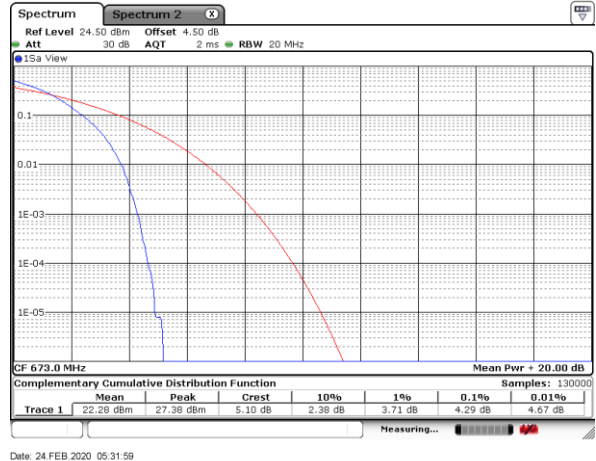
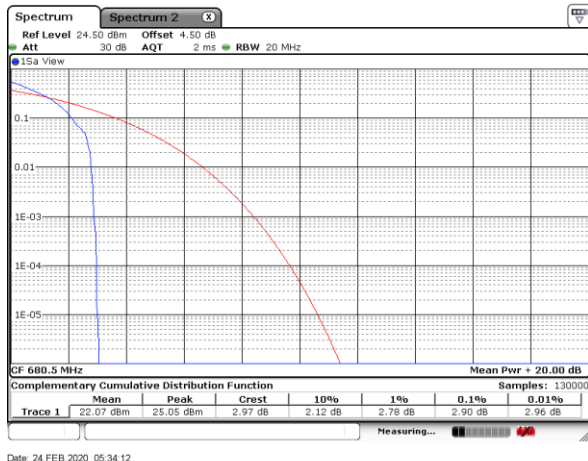
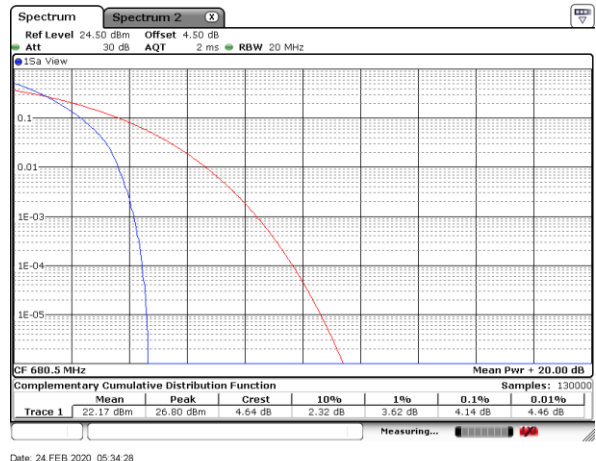
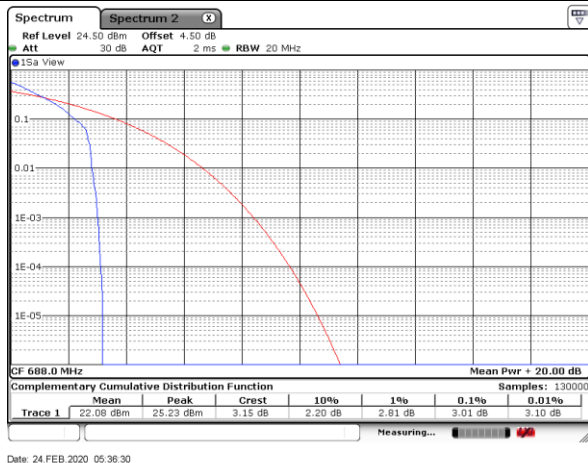
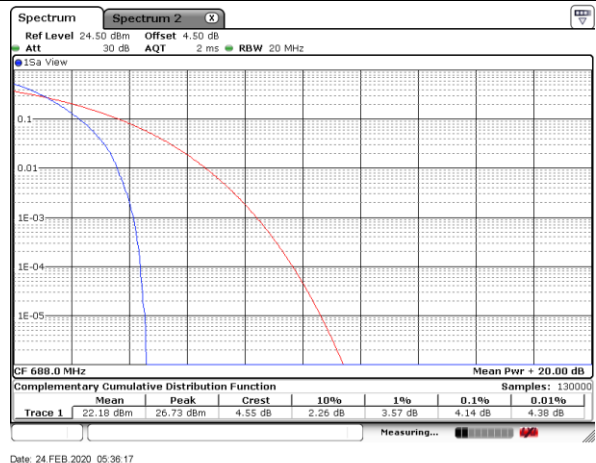
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

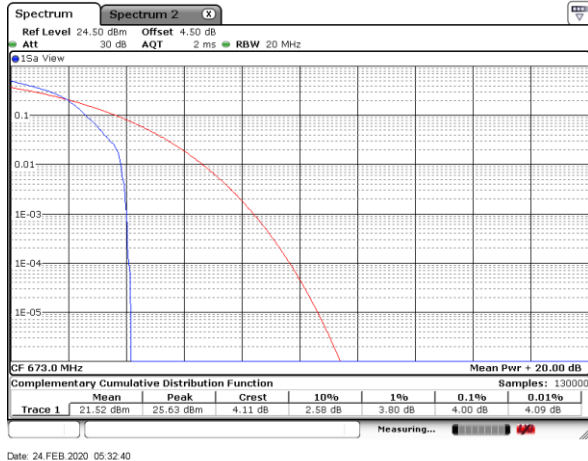
Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	2.75	4.29	4.00	5.45	PASS
Middle CH	2.90	4.14	4.32	5.45	
Highest CH	3.01	4.14	4.26	5.45	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	4.09	5.39	PASS		
Middle CH	4.03	5.42			
Highest CH	4.09	5.45			

LTE Band 71 / 20MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


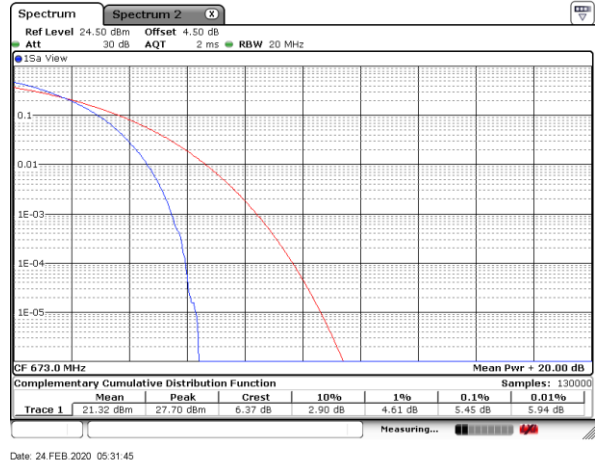


LTE Band 71 / 20MHz / 16QAM

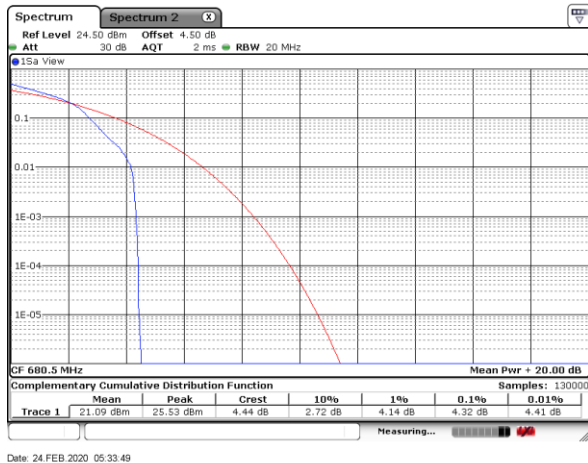
Lowest Channel / 1RB



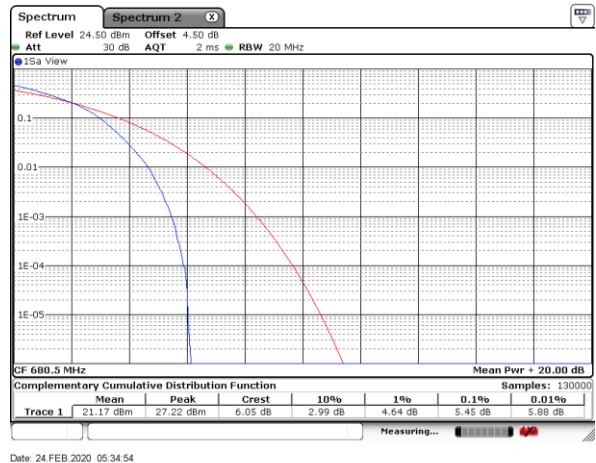
Lowest Channel / Full RB



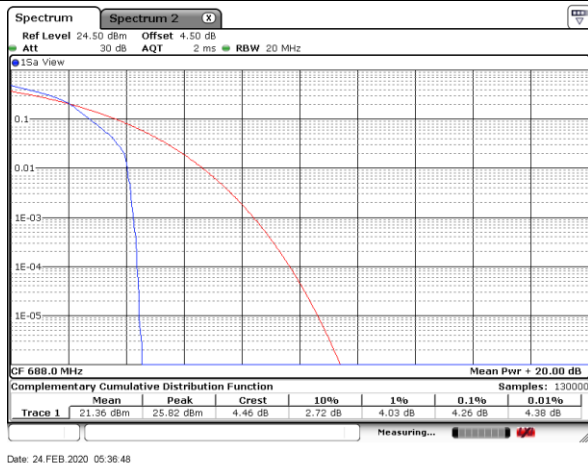
Middle Channel / 1RB



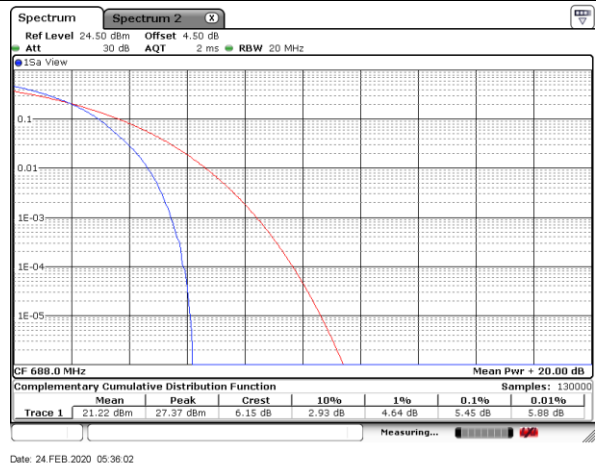
Middle Channel / Full RB



Highest Channel / 1RB



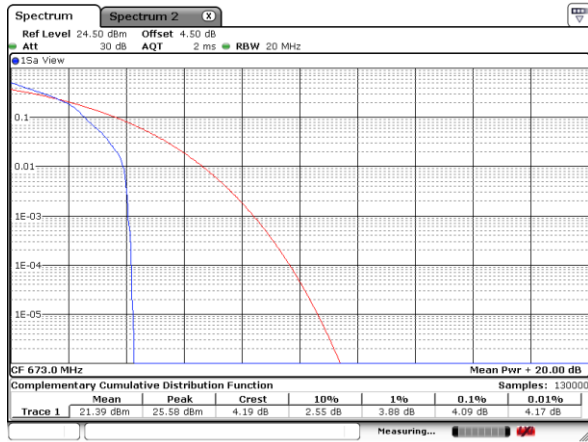
Highest Channel / Full RB



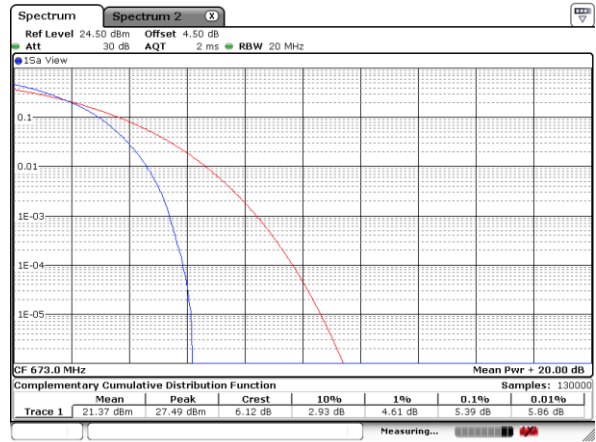


LTE Band 71 / 20MHz / 64QAM

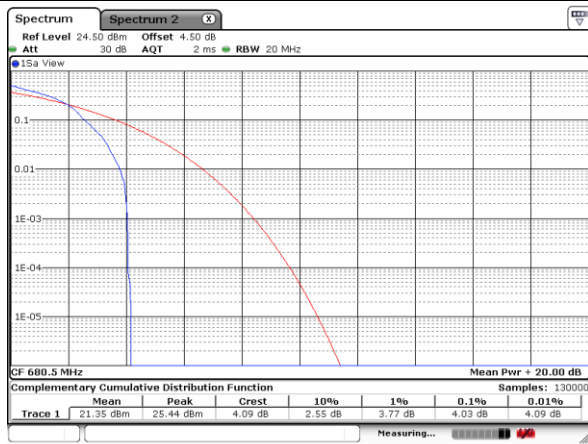
Lowest Channel / 1RB



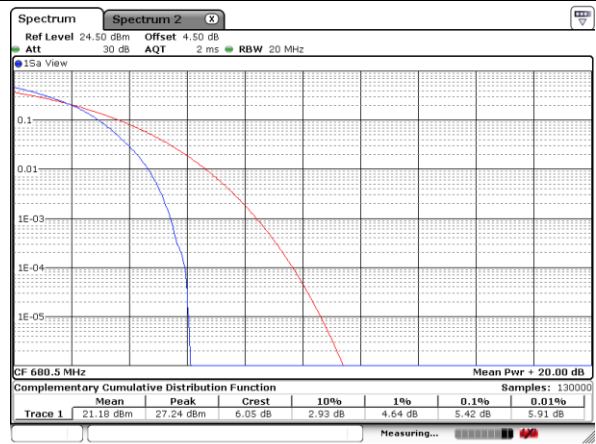
Lowest Channel / Full RB



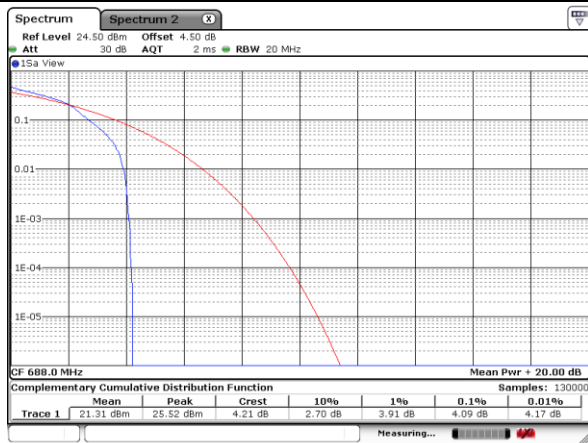
Middle Channel / 1RB



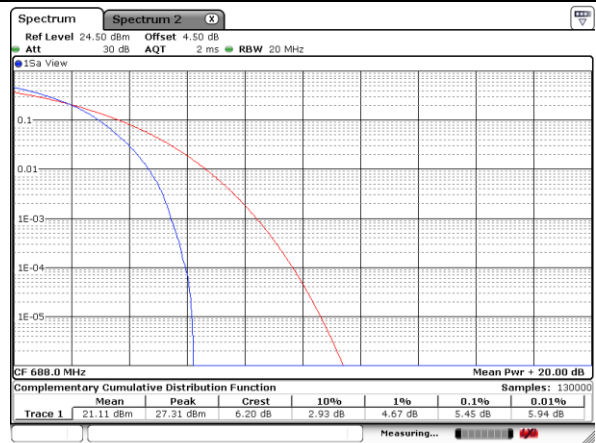
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





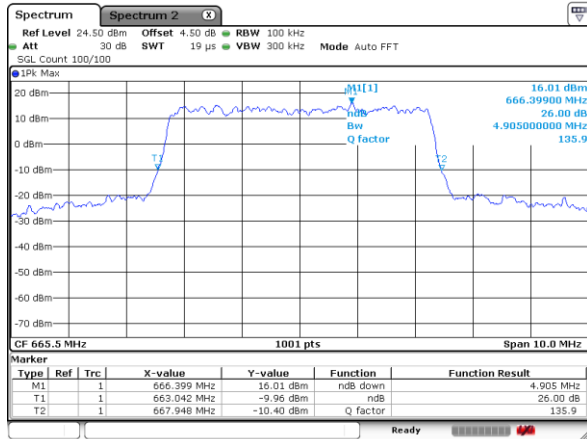
26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.905	4.855	9.75	9.83	14.416	14.685	20.34	20.22	4.845	9.77	14.446	20.22
Middle CH	4.935	4.875	9.77	9.85	14.356	14.176	20.3	20.26	4.845	9.71	14.296	20.22
Highest CH	4.915	4.965	9.81	9.67	14.236	14.655	20.22	19.98	4.895	9.81	14.236	20.18



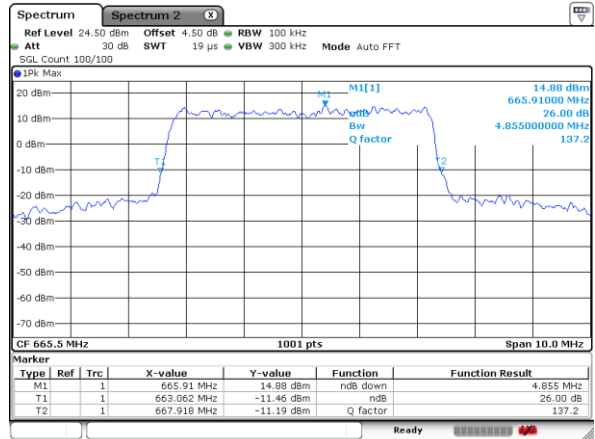
LTE Band 71

Lowest Channel / 5MHz / QPSK



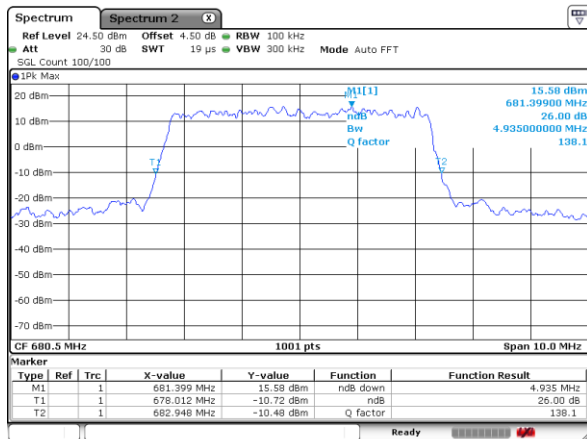
Date: 24 FEB 2020 05:02:18

Lowest Channel / 5MHz / 16QAM



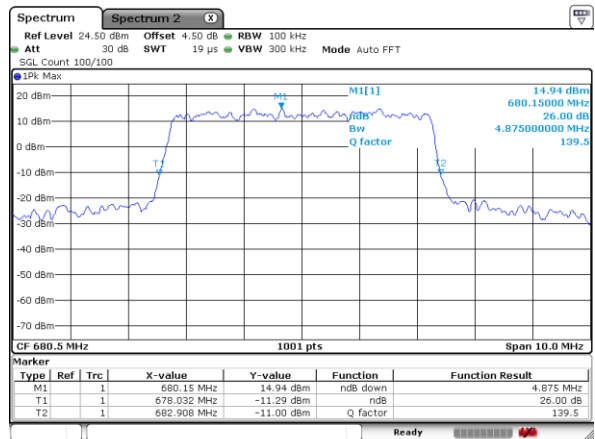
Date: 24 FEB 2020 05:00:38

Middle Channel / 5MHz / QPSK



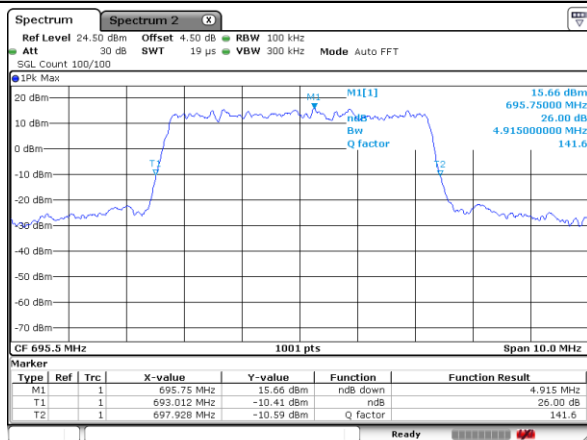
Date: 24 FEB 2020 05:03:06

Middle Channel / 5MHz / 16QAM



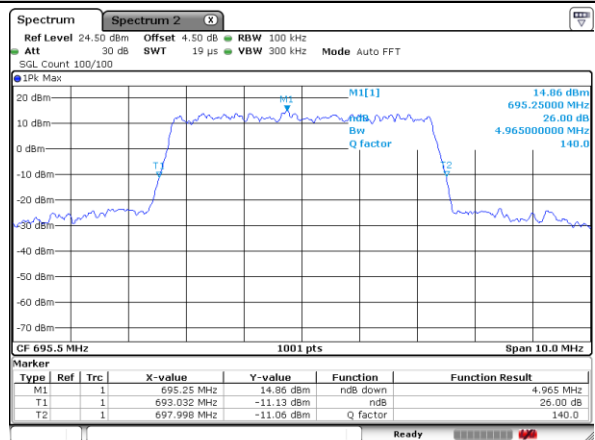
Date: 24 FEB 2020 05:03:55

Highest Channel / 5MHz / QPSK



Date: 24 FEB 2020 05:06:34

Highest Channel / 5MHz / 16QAM



Date: 24 FEB 2020 05:05:44