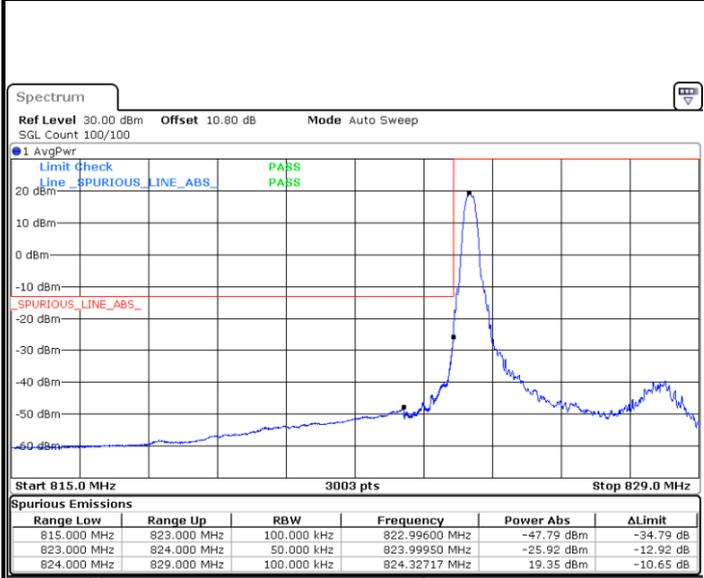




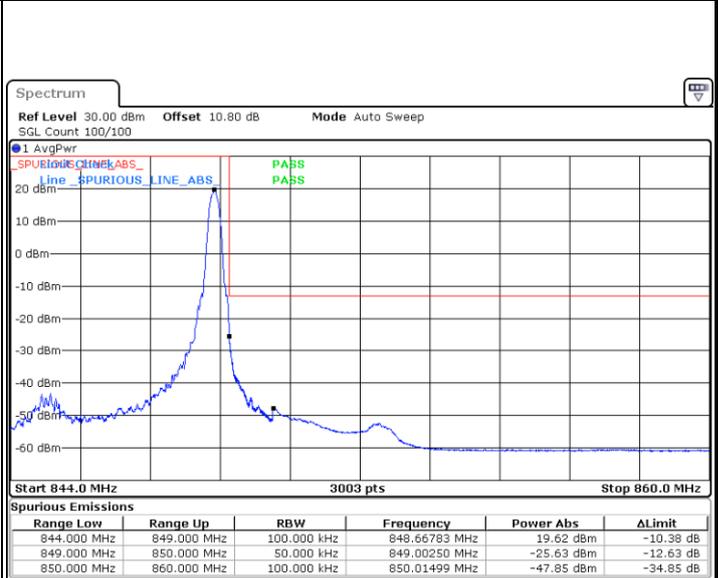
**LTE Band 26 / 5MHz / QPSK**

**Lowest Band Edge / 1 RB**



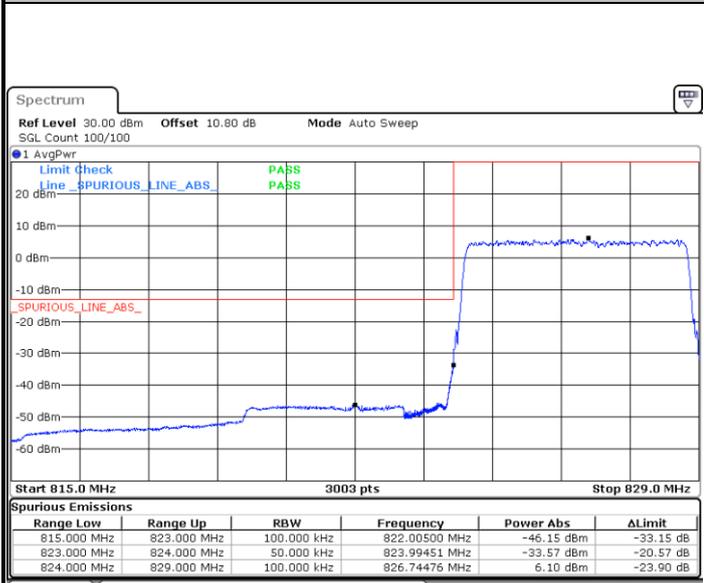
Date: 6 JAN 2020 23:17:21

**Highest Band Edge / 1 RB**



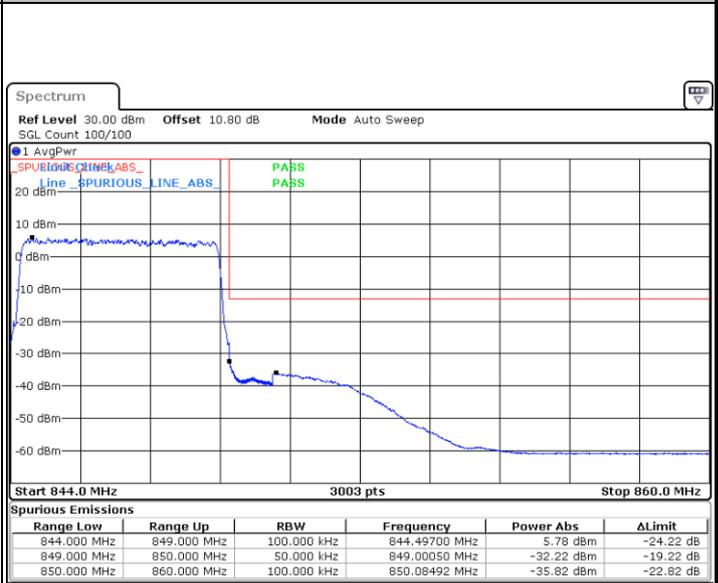
Date: 6 JAN 2020 23:22:39

**Lowest Band Edge / Full RB**



Date: 6 JAN 2020 23:14:34

**Highest Band Edge / Full RB**

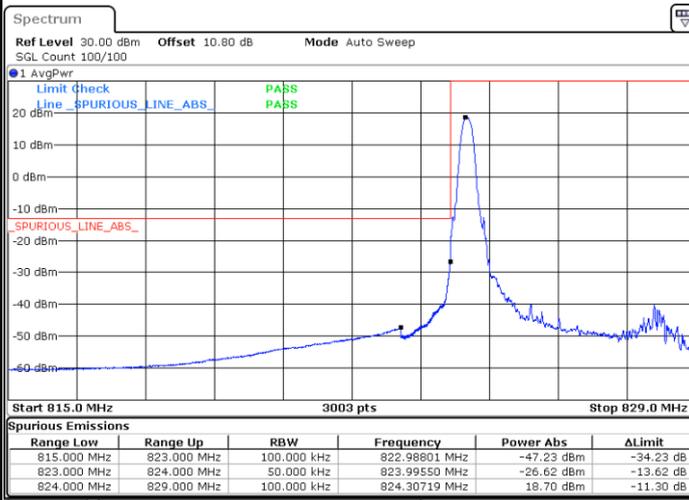


Date: 6 JAN 2020 23:25:26



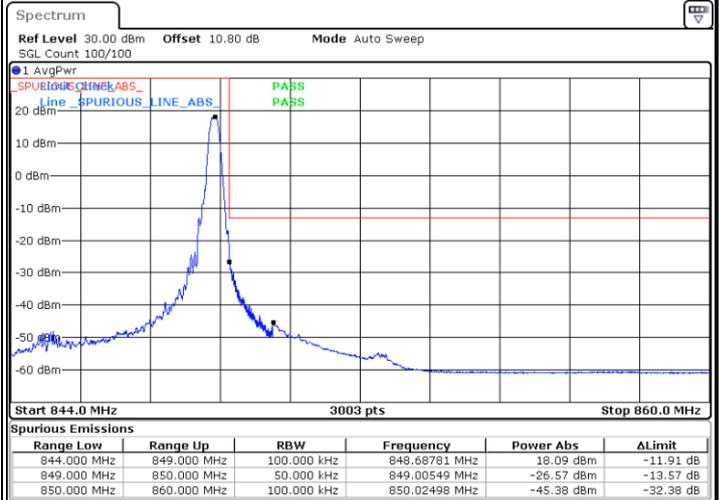
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



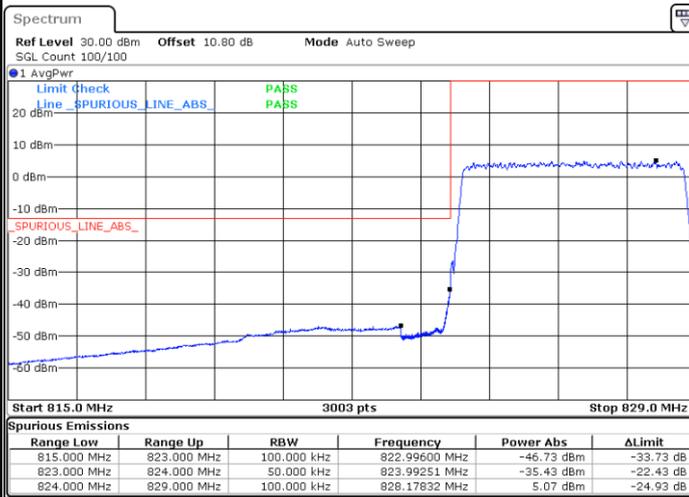
Date: 6 JAN 2020 23:16:25

Highest Band Edge / 1 RB



Date: 6 JAN 2020 23:23:34

Lowest Band Edge / Full RB



Date: 6 JAN 2020 23:15:30

Highest Band Edge / Full RB

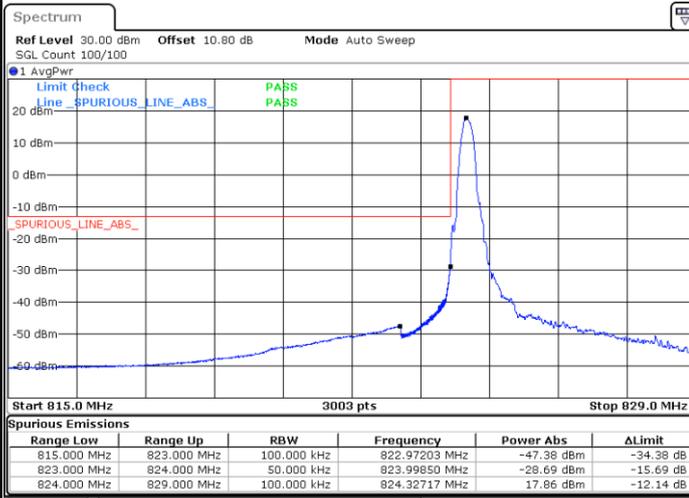


Date: 6 JAN 2020 23:24:30



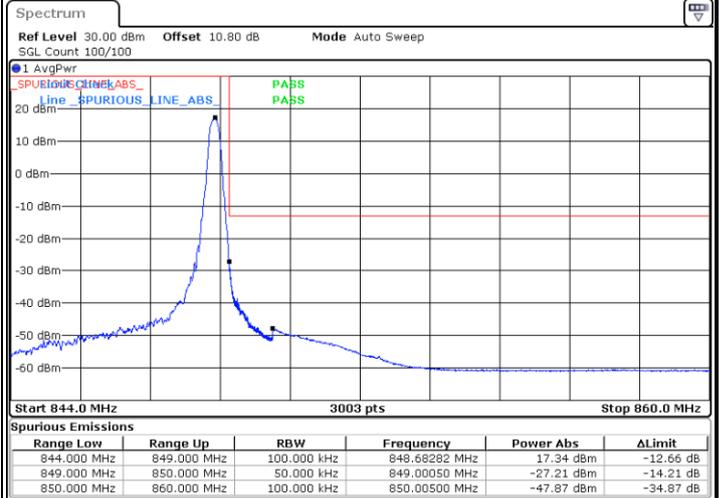
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



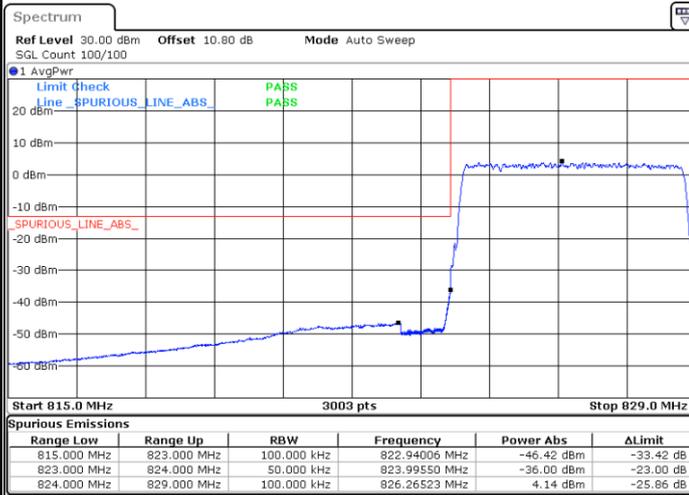
Date: 6 JAN 2020 22:40:06

Highest Band Edge / 1 RB



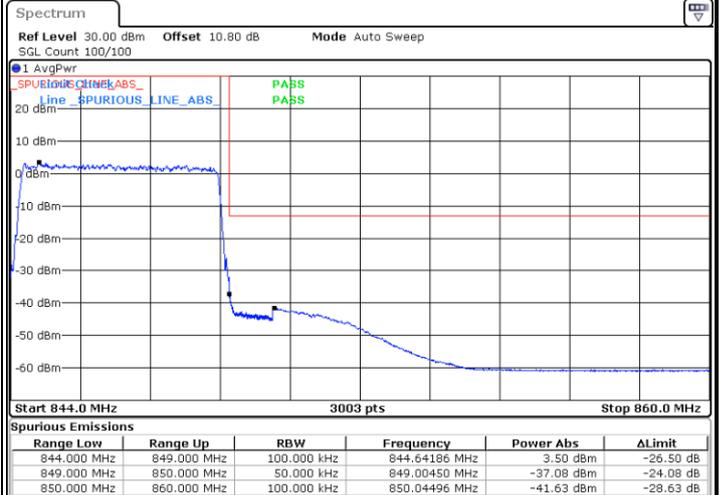
Date: 6 JAN 2020 22:43:12

Lowest Band Edge / Full RB



Date: 6 JAN 2020 22:39:10

Highest Band Edge / Full RB

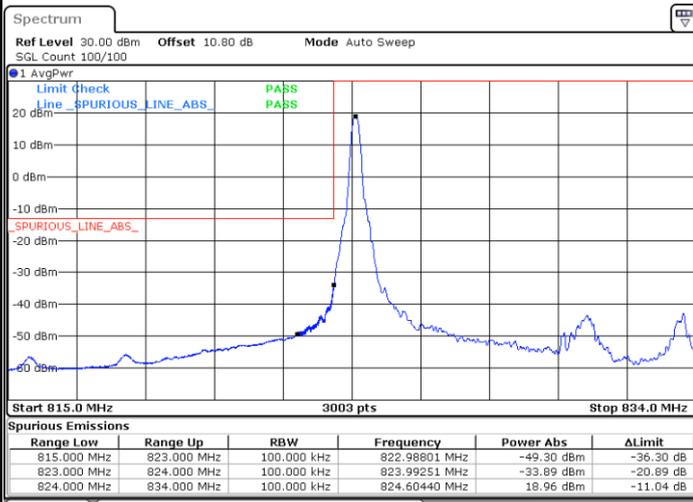


Date: 6 JAN 2020 22:44:08



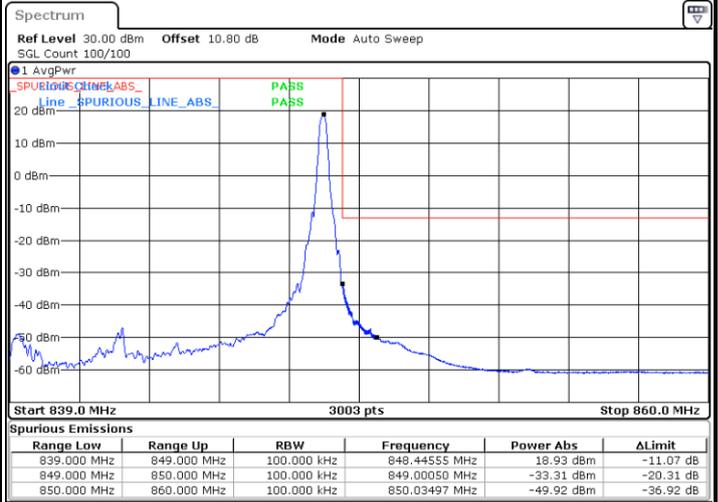
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



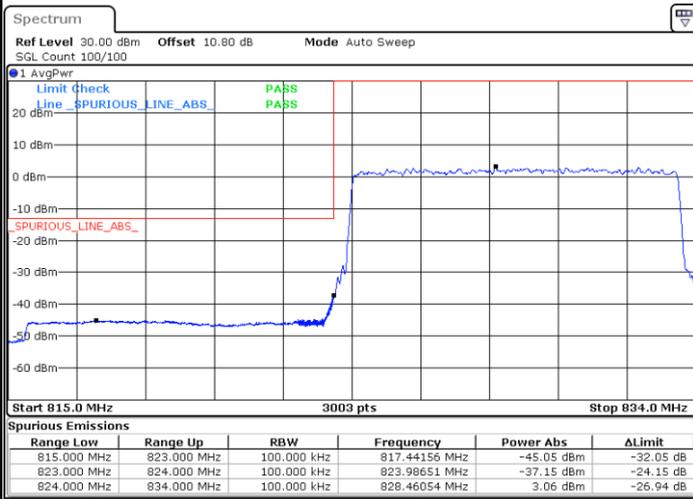
Date: 6 JAN 2020 23:31:20

Highest Band Edge / 1 RB



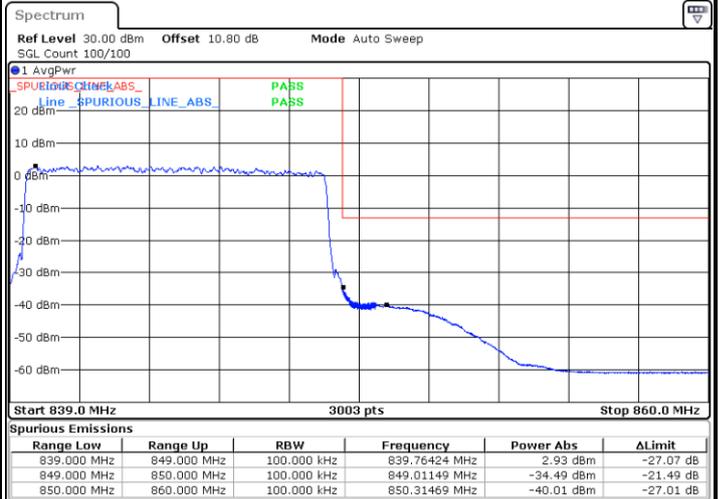
Date: 6 JAN 2020 23:36:37

Lowest Band Edge / Full RB



Date: 6 JAN 2020 23:28:32

Highest Band Edge / Full RB

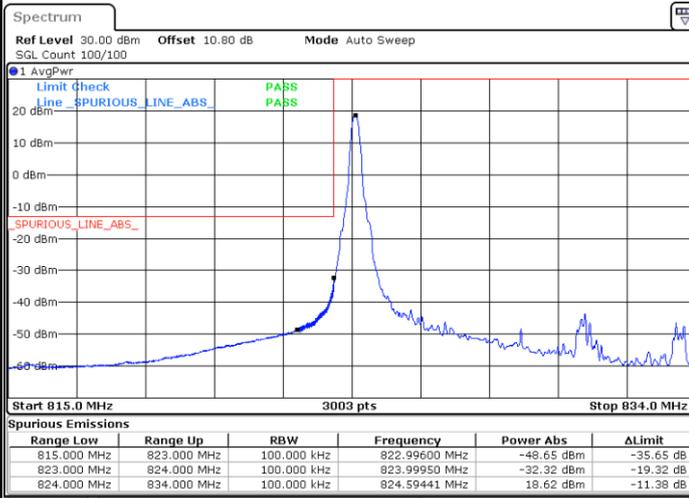


Date: 6 JAN 2020 23:39:24



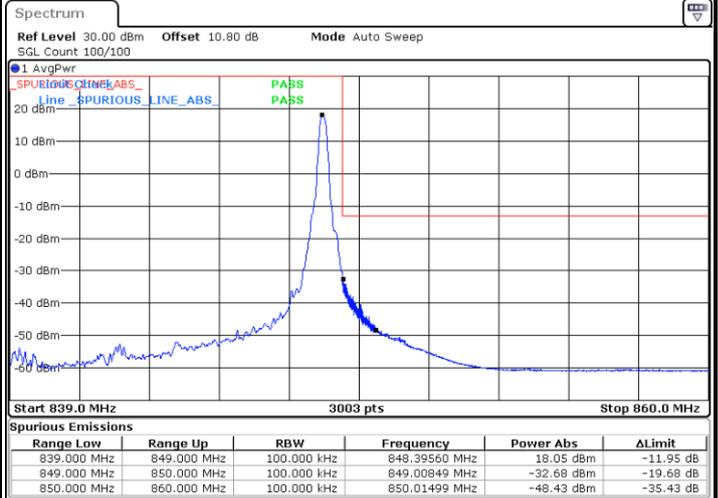
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



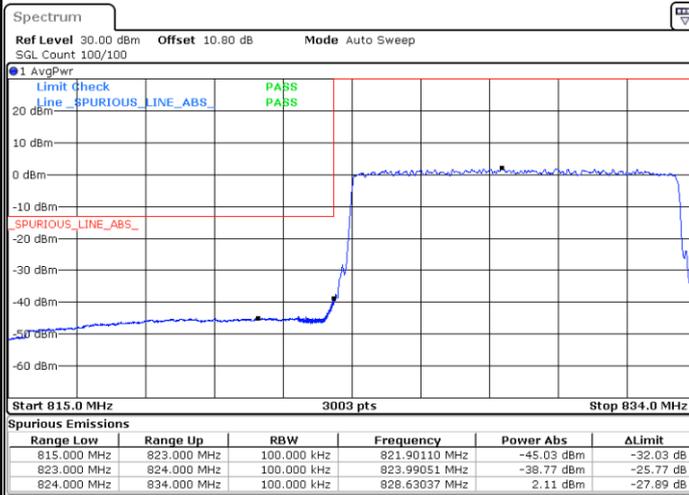
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Highest Band Edge / 1 RB



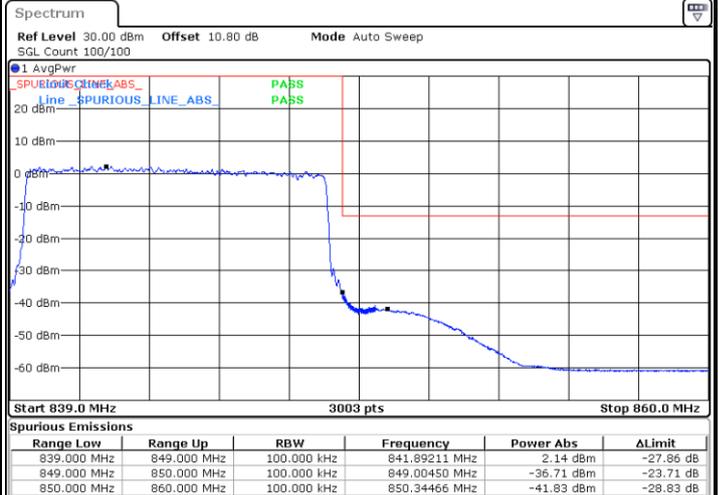
Date: 6 JAN 2020 23:37:33

Lowest Band Edge / Full RB



Date: 6 JAN 2020 23:29:28

Highest Band Edge / Full RB

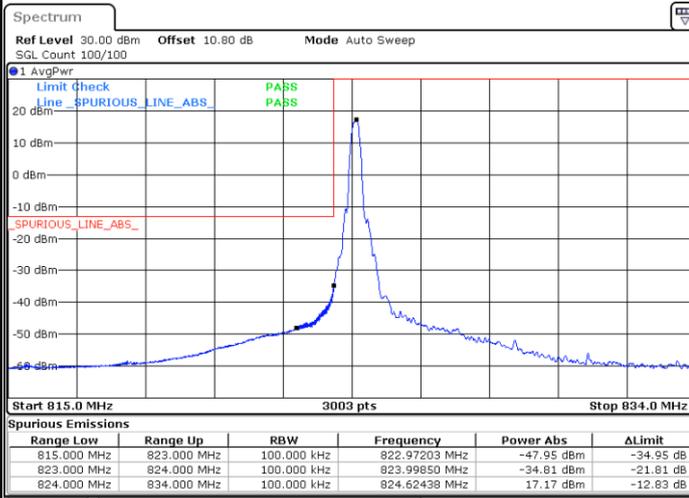


Date: 6 JAN 2020 23:38:28



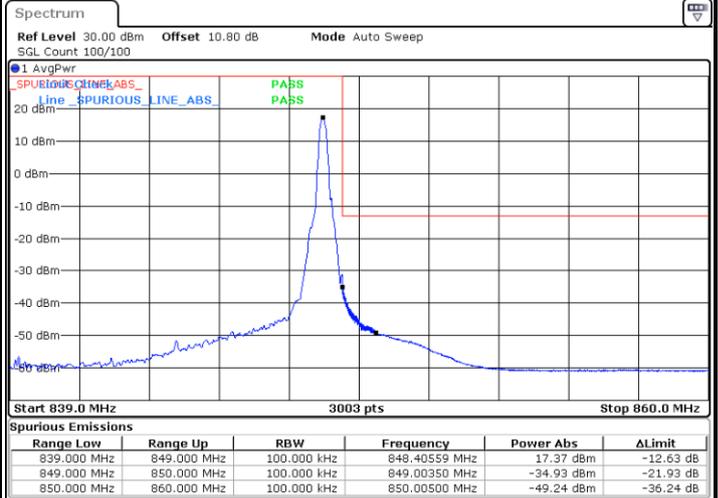
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



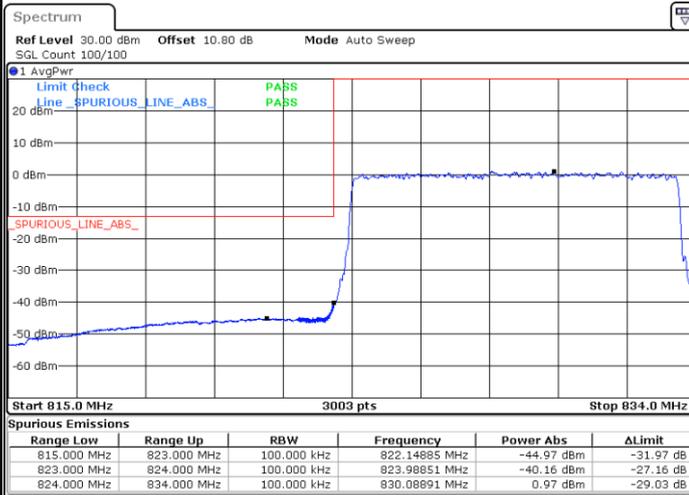
Date: 6 JAN 2020 22:47:06

Highest Band Edge / 1 RB



Date: 6 JAN 2020 22:50:11

Lowest Band Edge / Full RB



Date: 6 JAN 2020 22:46:10

Highest Band Edge / Full RB

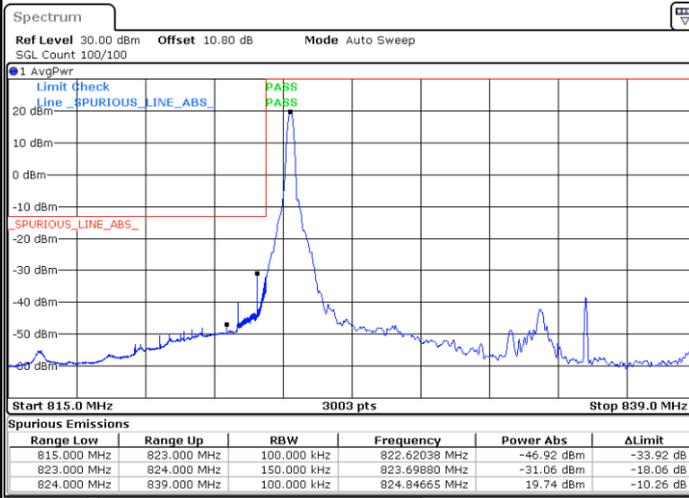


Date: 6 JAN 2020 22:51:07



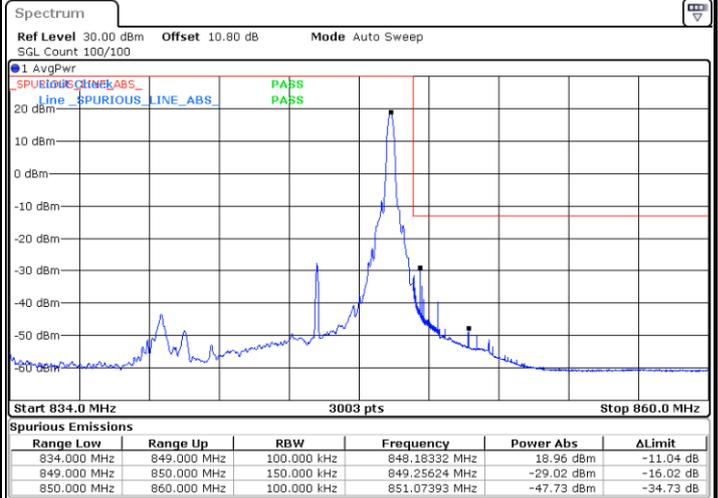
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



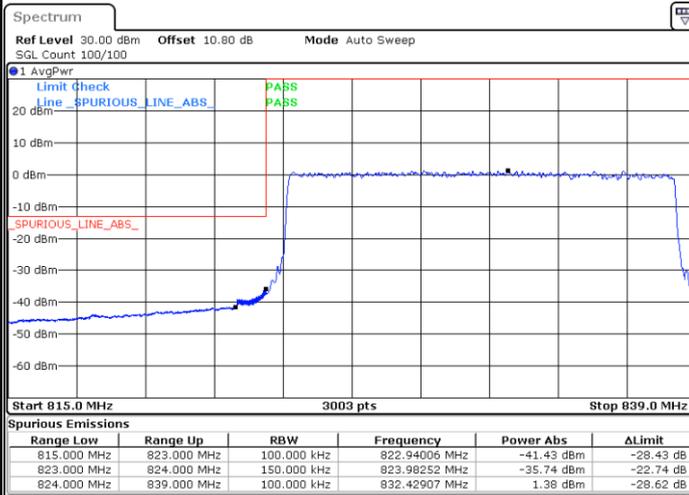
Date: 6 JAN 2020 23:45:14

Highest Band Edge / 1 RB



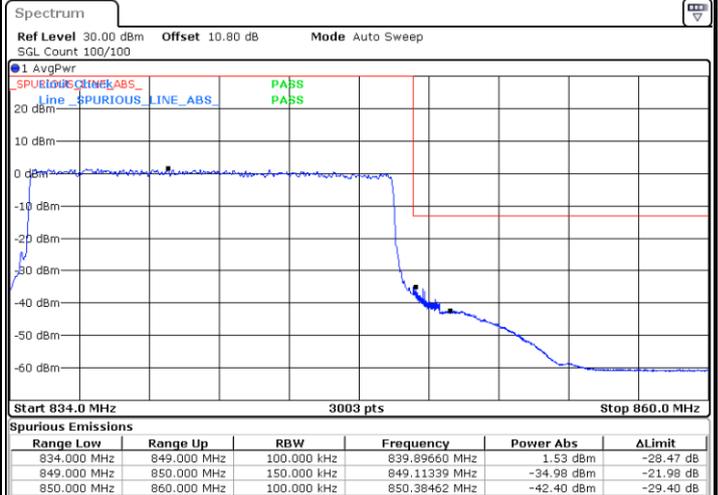
Date: 6 JAN 2020 23:50:30

Lowest Band Edge / Full RB



Date: 6 JAN 2020 23:42:28

Highest Band Edge / Full RB

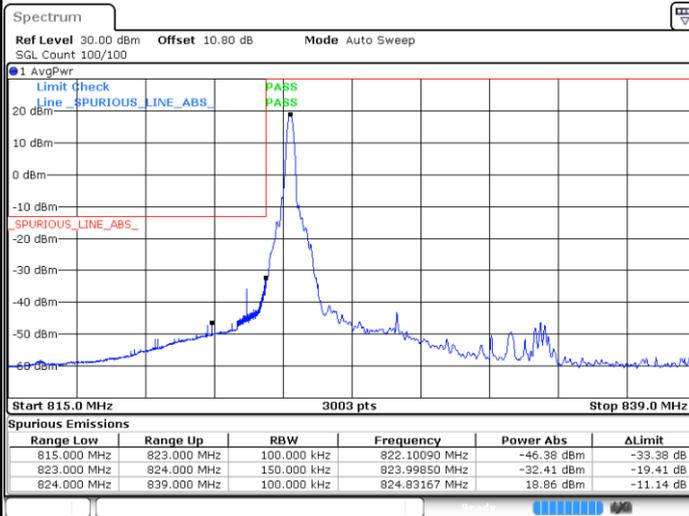


Date: 6 JAN 2020 23:53:17



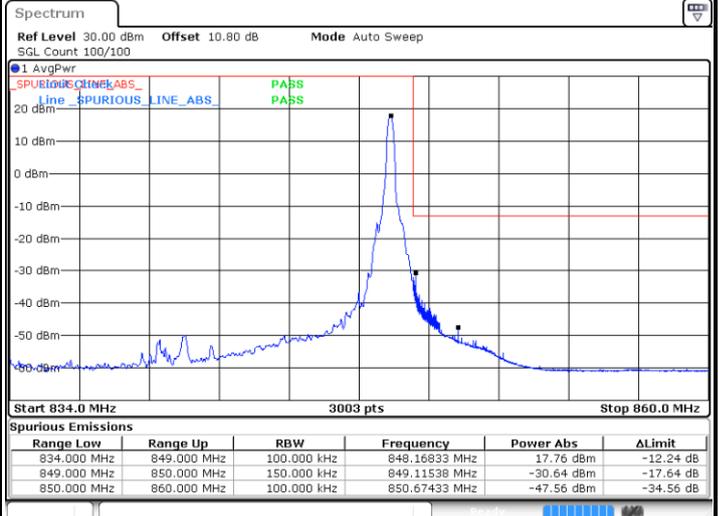
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



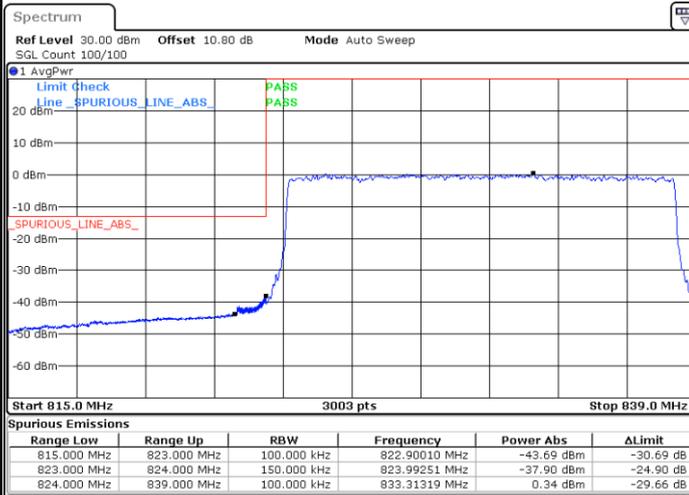
Date: 6 JAN 2020 23:44:19

Highest Band Edge / 1 RB



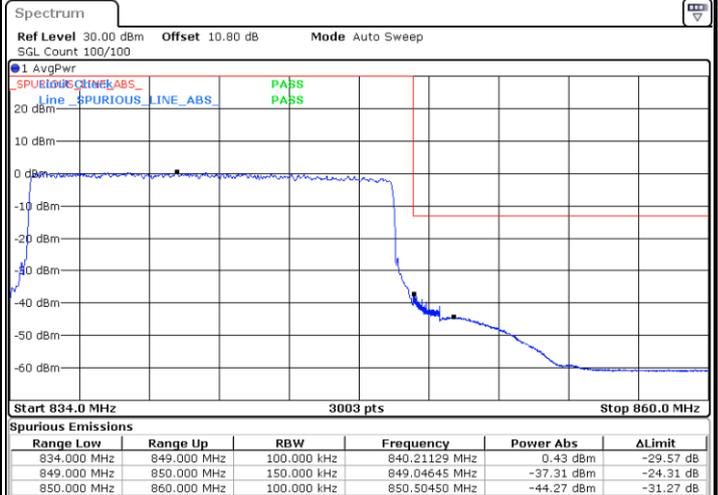
Date: 6 JAN 2020 23:51:26

Lowest Band Edge / Full RB



Date: 6 JAN 2020 23:43:24

Highest Band Edge / Full RB

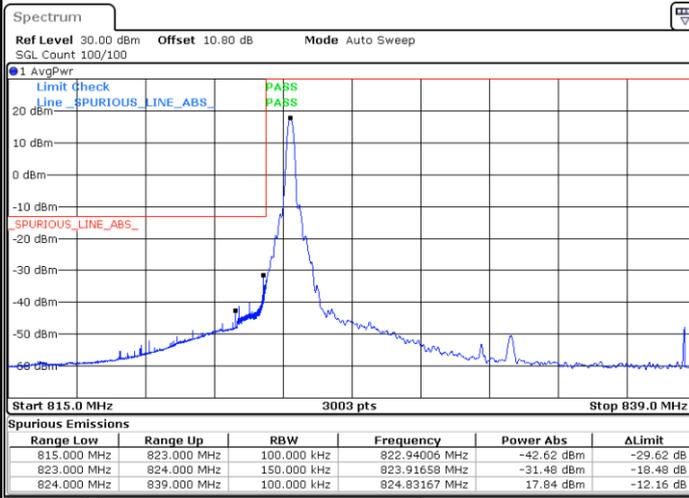


Date: 6 JAN 2020 23:52:22



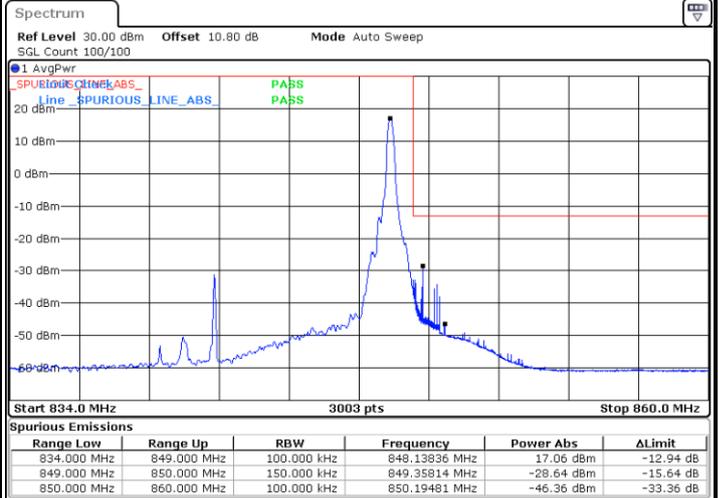
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



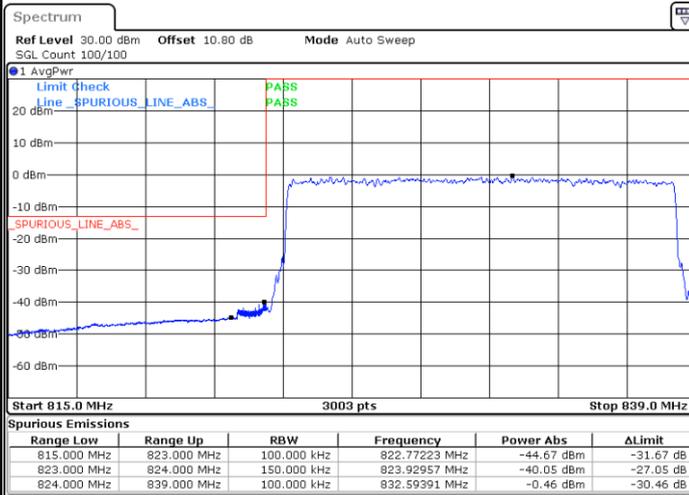
Date: 6 JAN 2020 22:54:03

Highest Band Edge / 1 RB



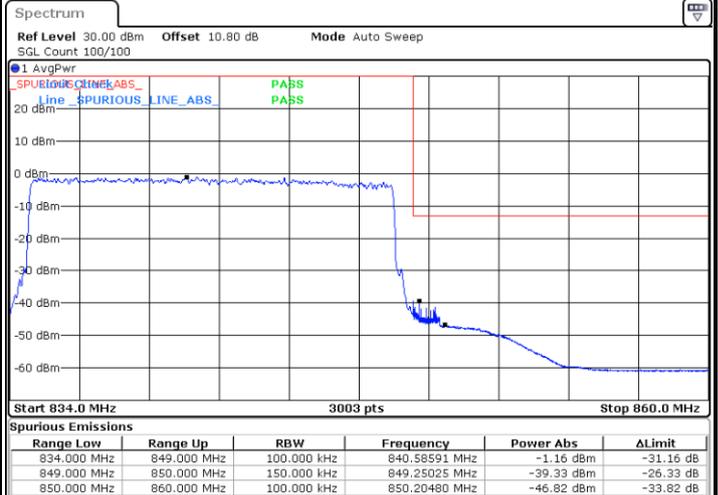
Date: 6 JAN 2020 22:57:08

Lowest Band Edge / Full RB



Date: 6 JAN 2020 22:53:08

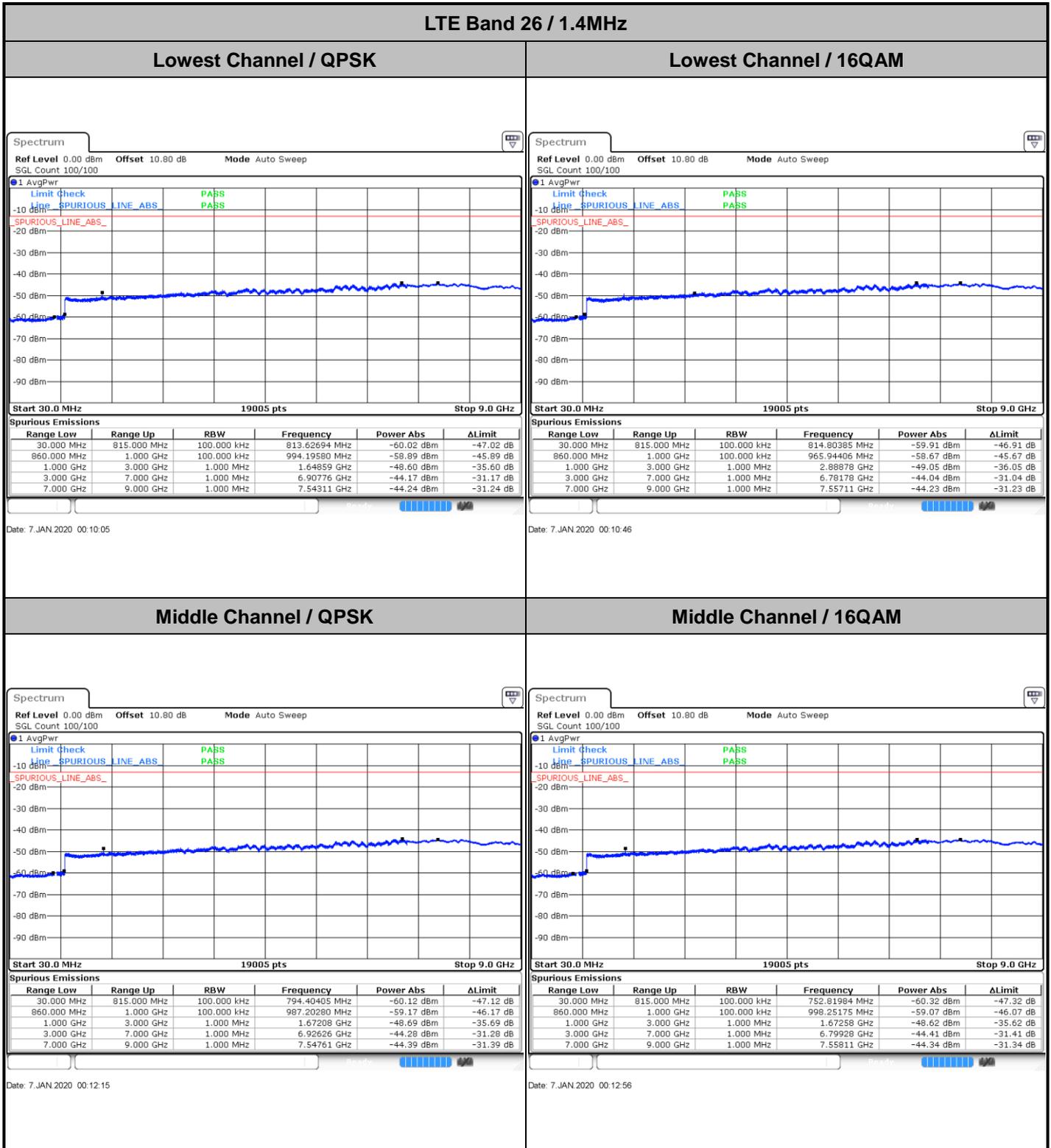
Highest Band Edge / Full RB



Date: 6 JAN 2020 22:58:04



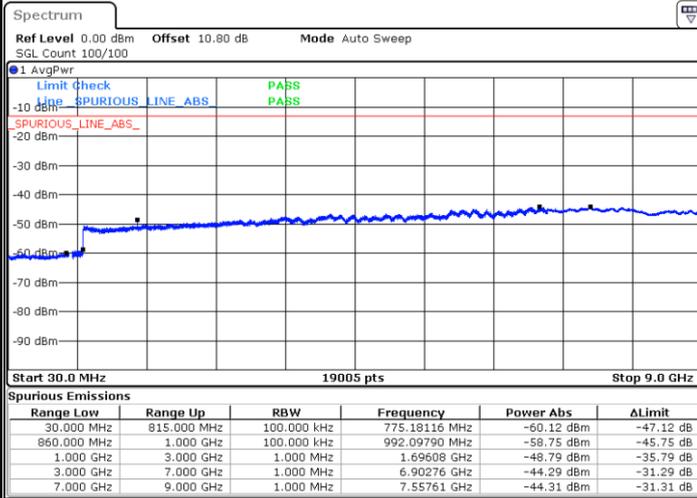
# Conducted Spurious Emission





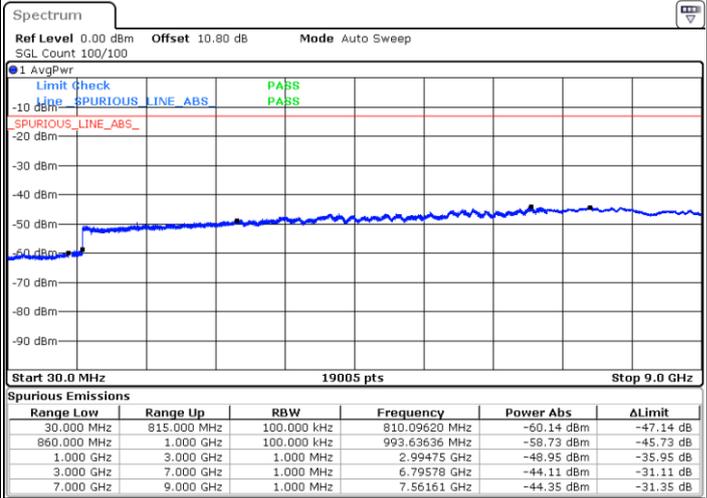
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 7 JAN 2020 00:21:29

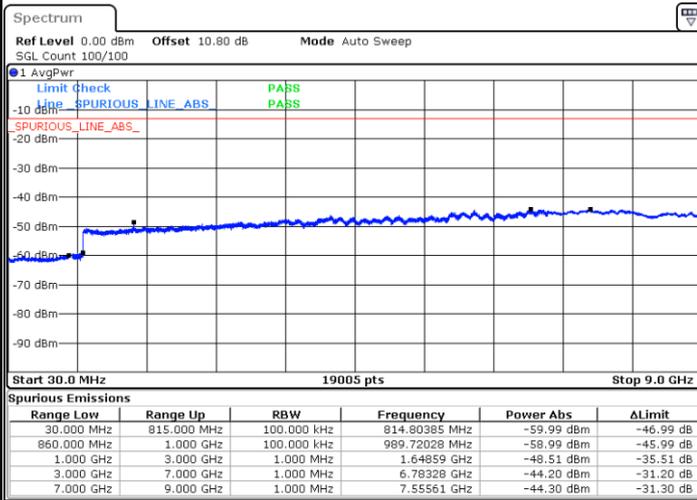
Highest Channel / 16QAM



Date: 7 JAN 2020 00:22:10

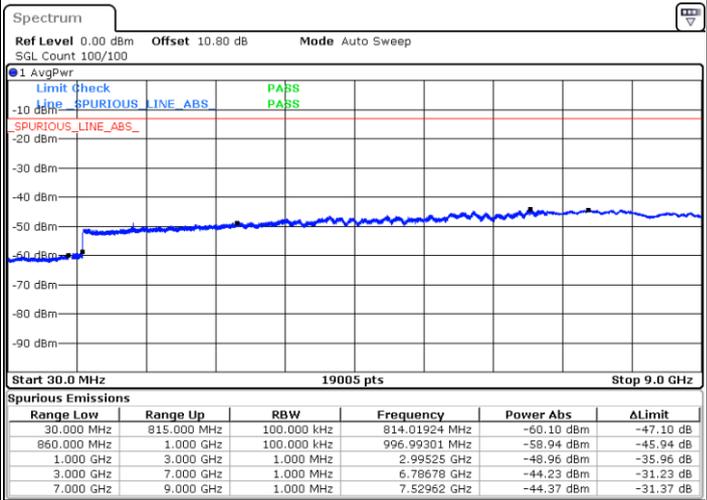
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 6 JAN 2020 23:03:59

Lowest Channel / 16QAM

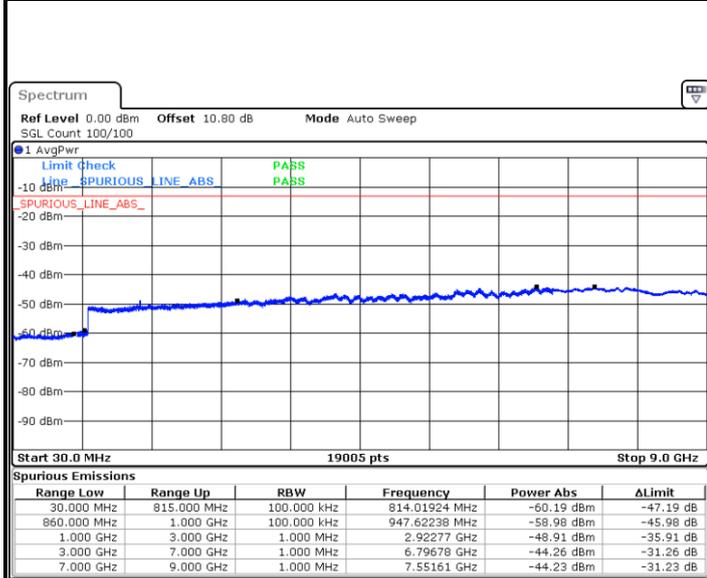


Date: 6 JAN 2020 23:04:40



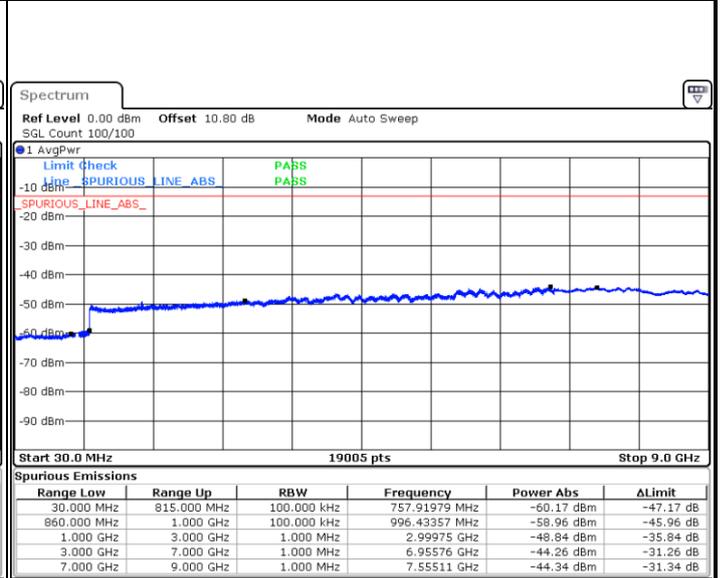
LTE Band 26 / 3MHz

Middle Channel / QPSK



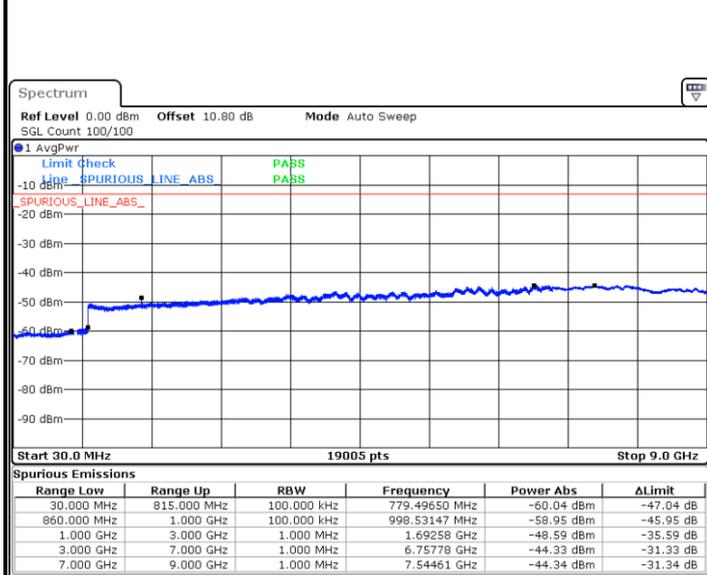
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Middle Channel / 16QAM



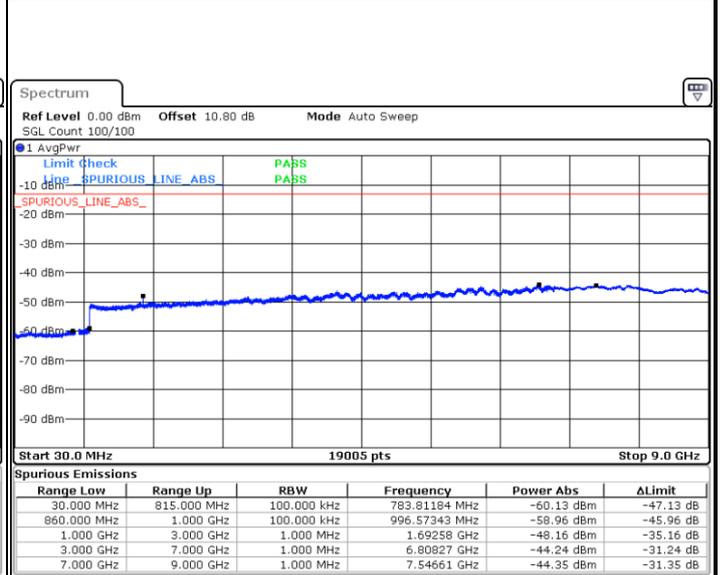
Date: 6 JAN 2020 23:06:50

Highest Channel / QPSK



Date: 6 JAN 2020 23:12:08

Highest Channel / 16QAM



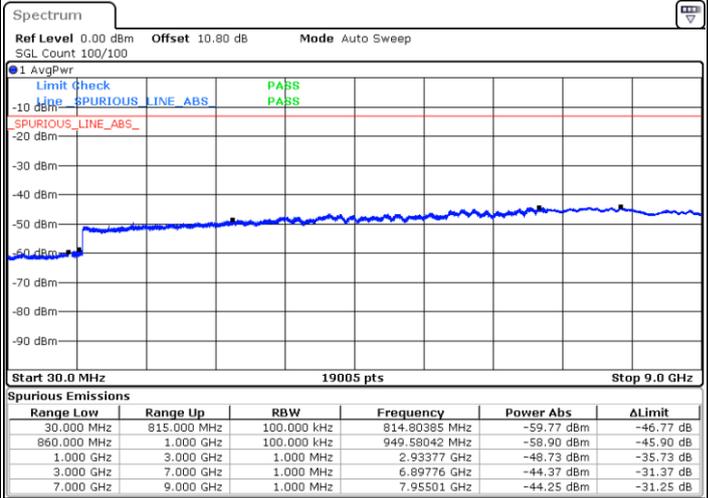
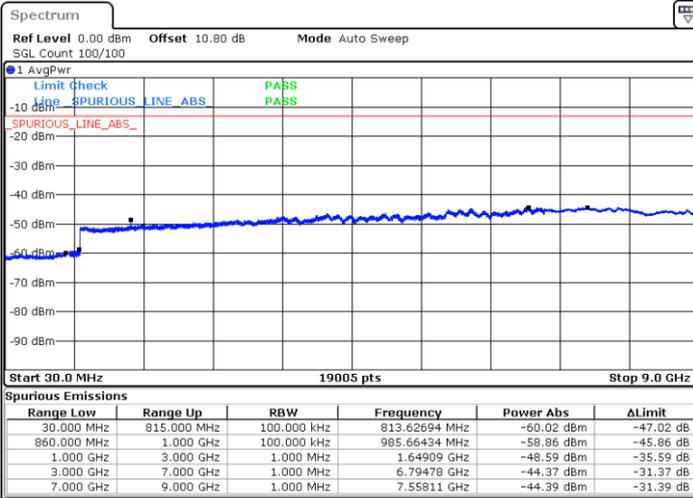
Date: 6 JAN 2020 23:12:49



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

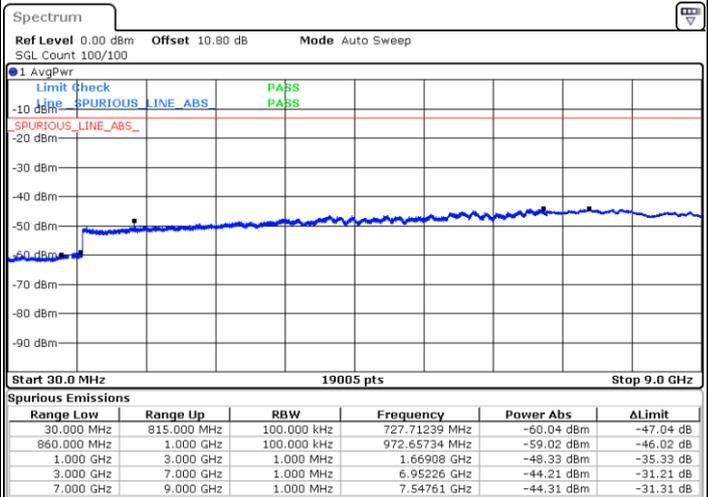
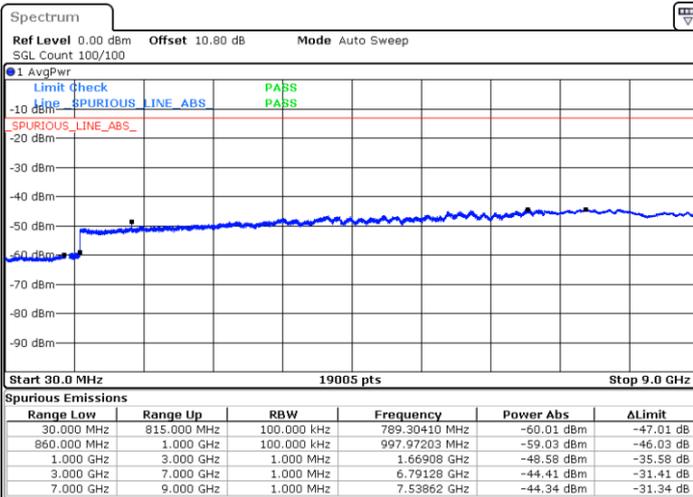


Date: 6 JAN 2020 23:18:03

Date: 6 JAN 2020 23:18:43

Middle Channel / QPSK

Middle Channel / 16QAM



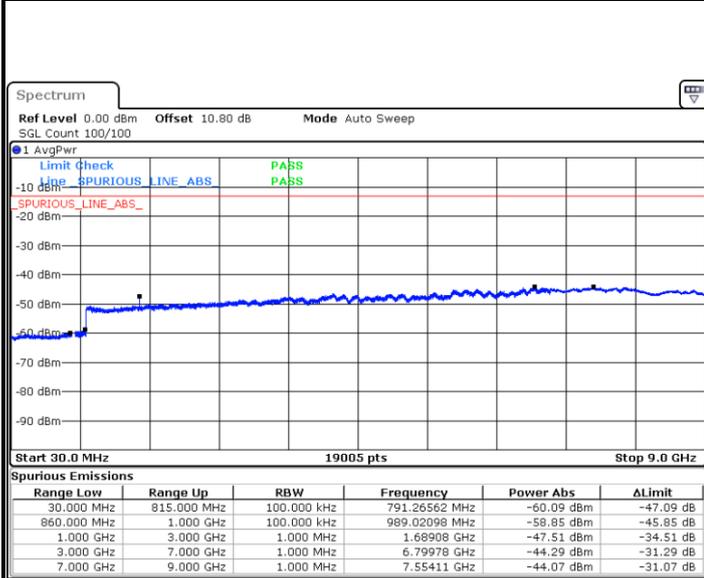
Date: 6 JAN 2020 23:20:13

Date: 6 JAN 2020 23:20:54



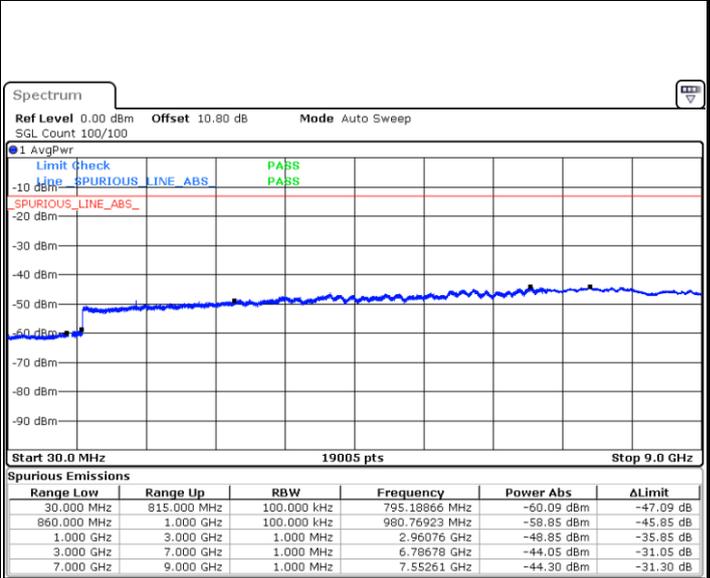
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 6 JAN 2020 23:26:07

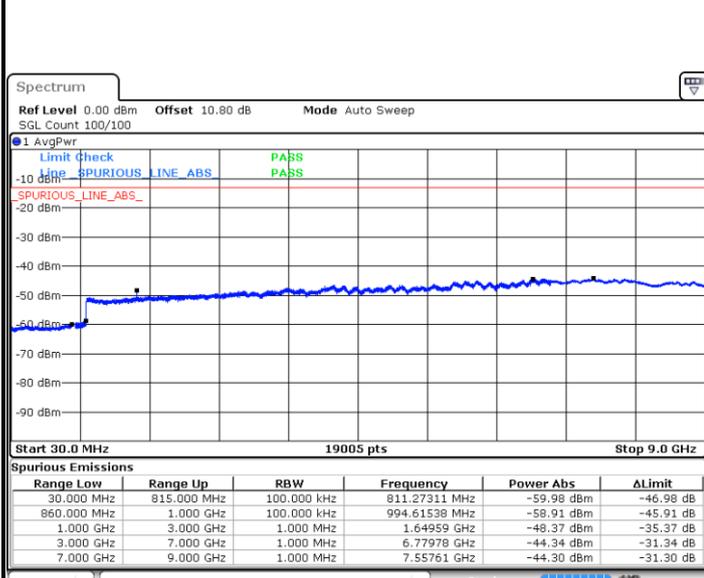
Highest Channel / 16QAM



Date: 6 JAN 2020 23:26:49

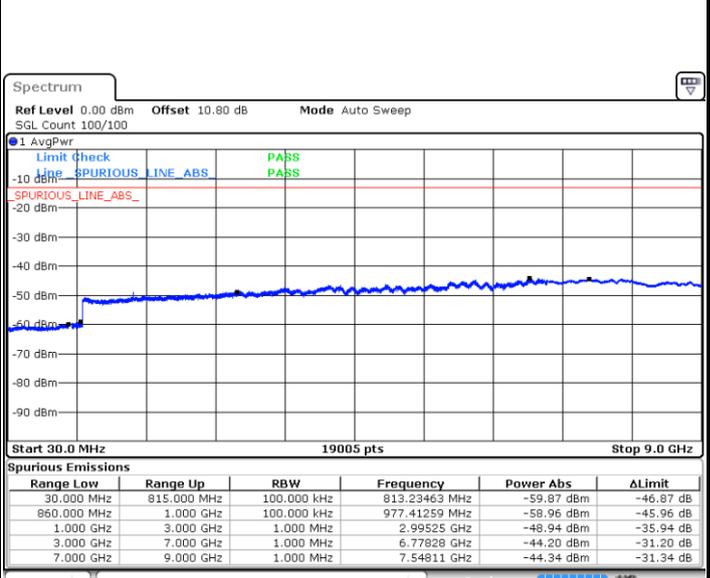
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 6 JAN 2020 23:32:01

Lowest Channel / 16QAM



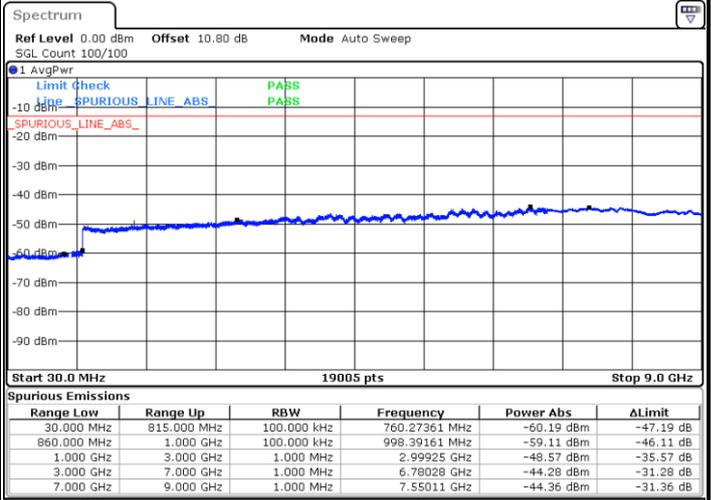
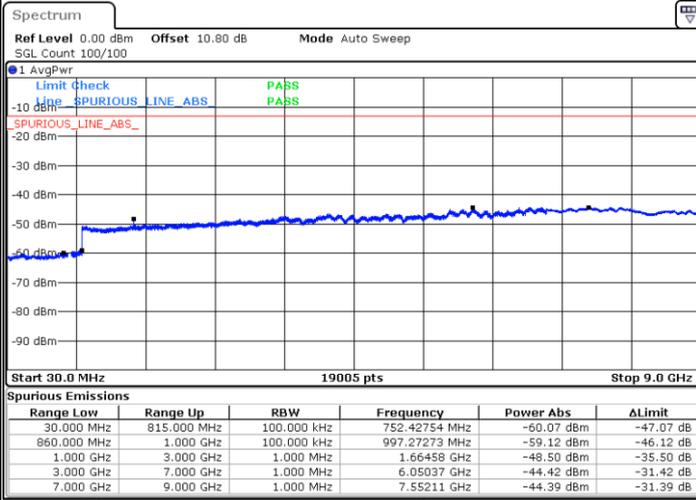
Date: 6 JAN 2020 23:32:42



LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

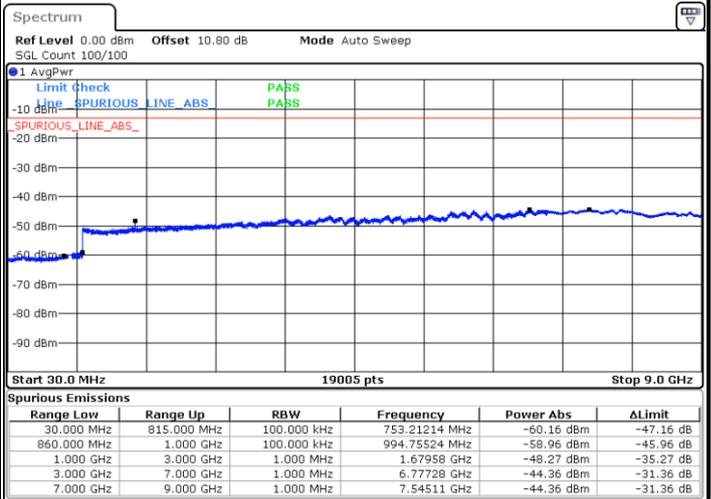
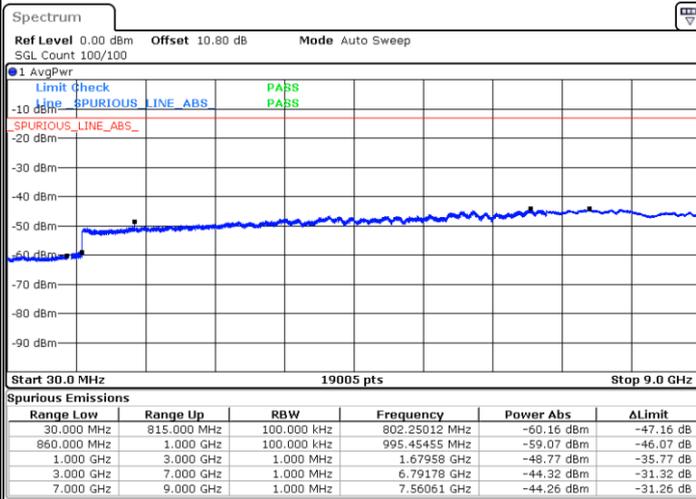


Date: 6 JAN 2020 23:34:12

Date: 6 JAN 2020 23:34:53

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JAN 2020 23:40:05

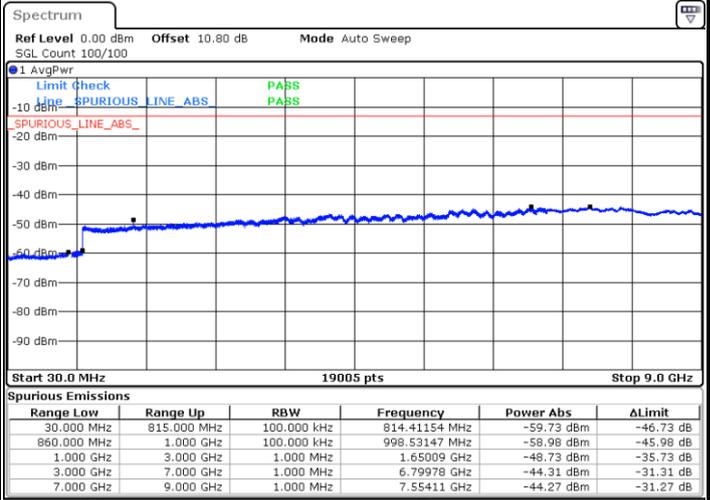
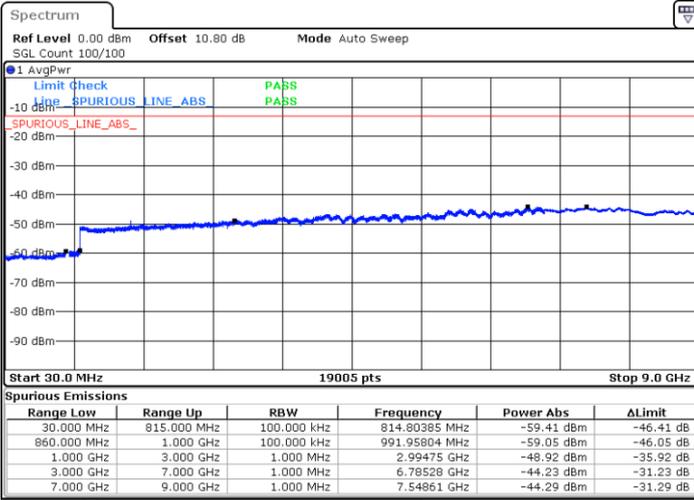
Date: 6 JAN 2020 23:40:46



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

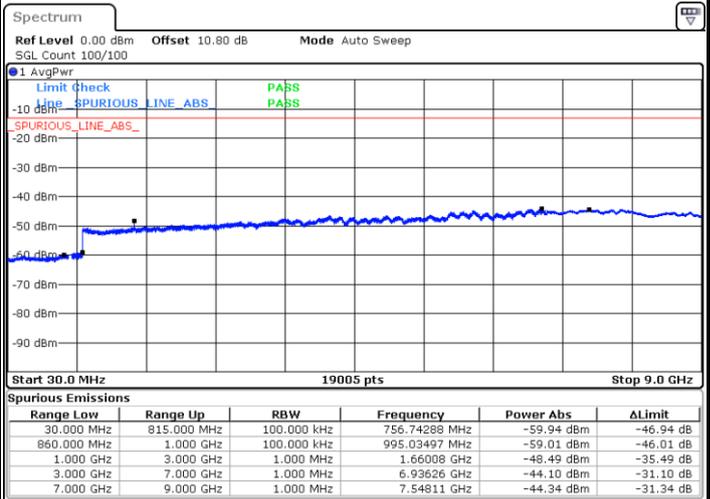
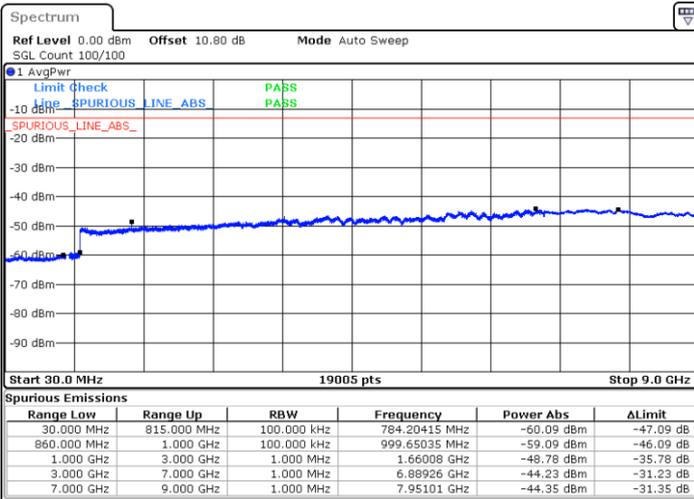


Date: 6 JAN 2020 23:45:54

Date: 6 JAN 2020 23:46:34

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 6 JAN 2020 23:48:04

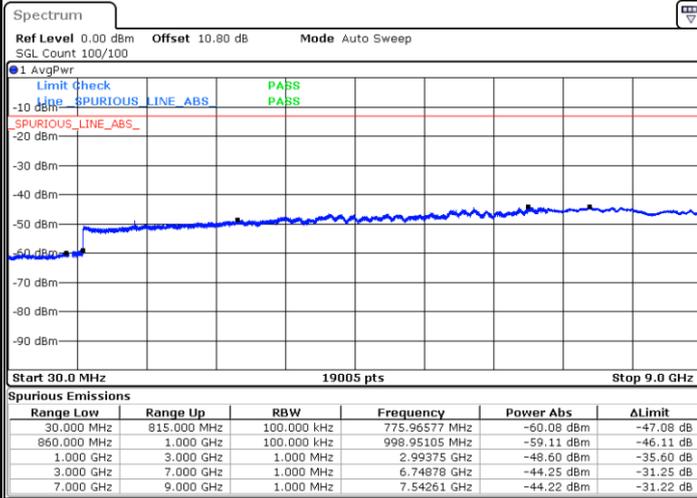
Date: 6 JAN 2020 23:48:45



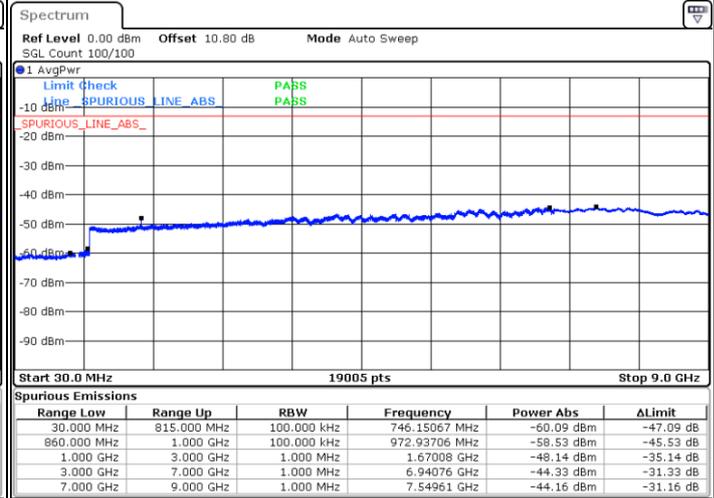
LTE Band 26 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JAN 2020 23:53:58



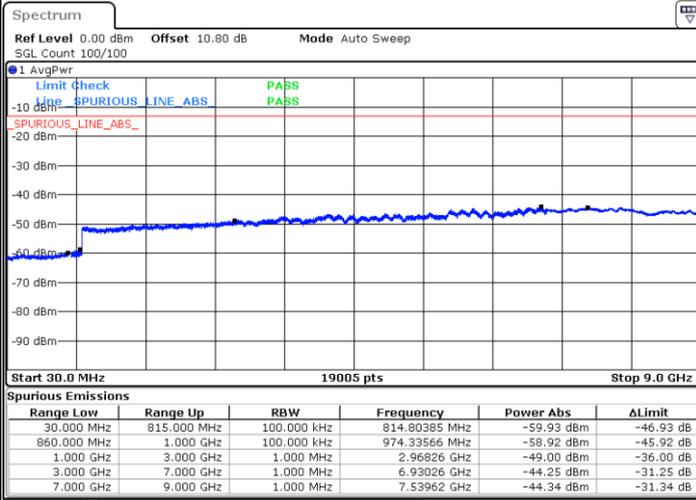
Date: 6 JAN 2020 23:54:39



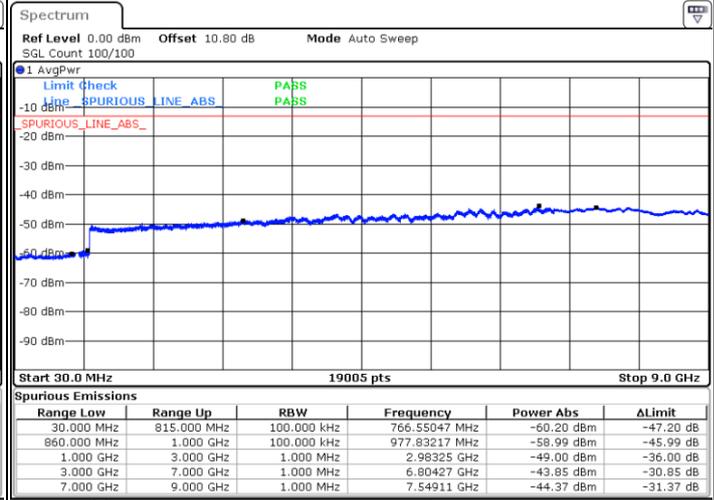
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

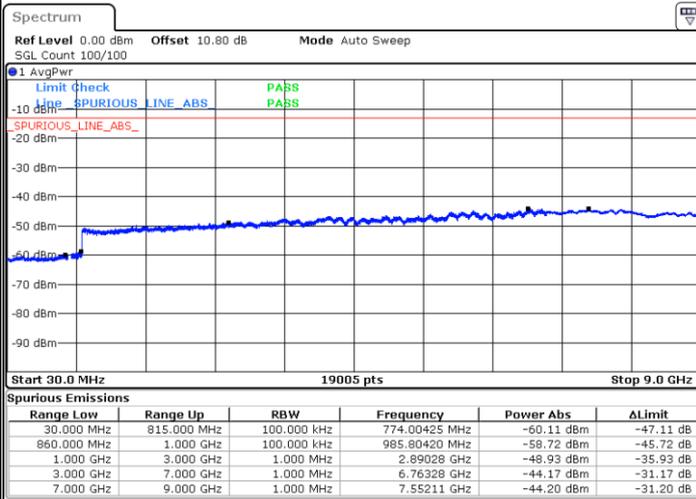


Date: 7. JAN 2020 00:26:47



Date: 7. JAN 2020 00:27:52

Highest Channel / 64QAM



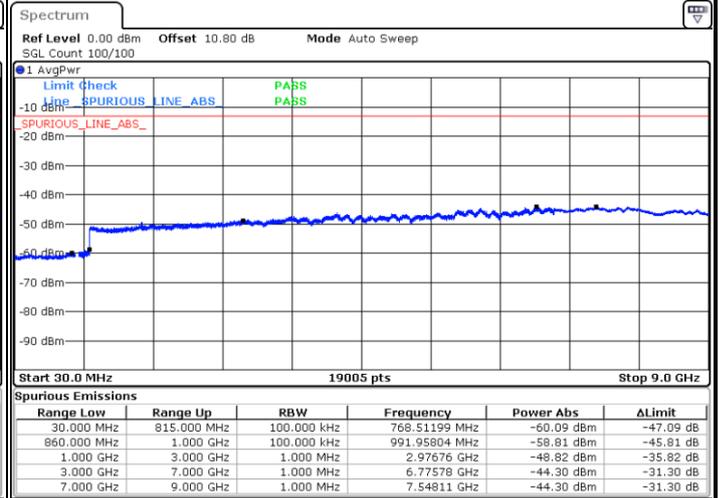
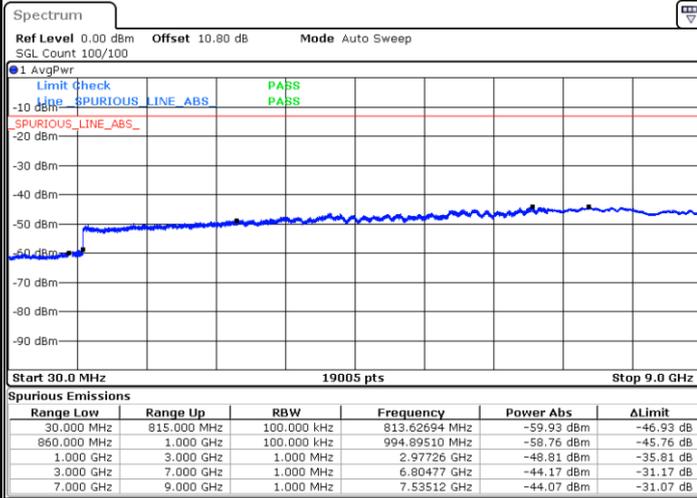
Date: 7. JAN 2020 00:32:29



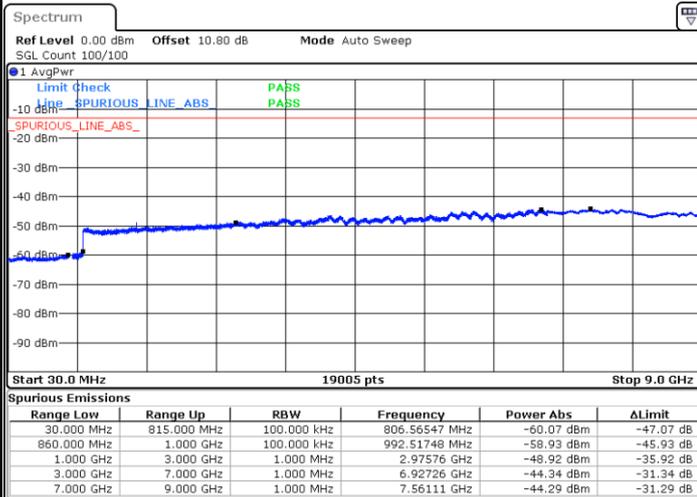
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

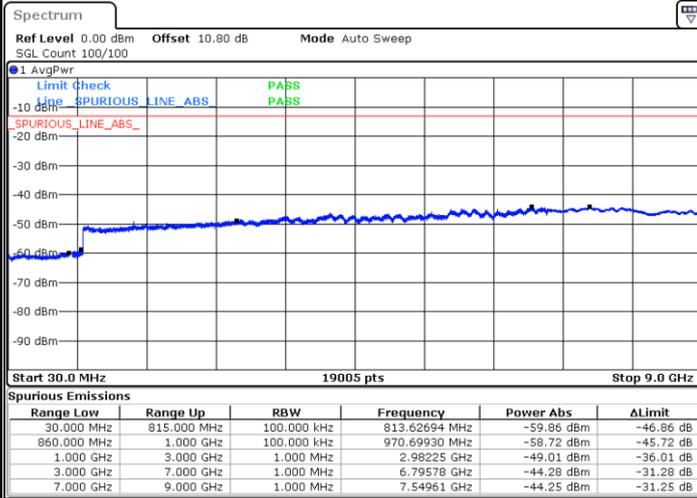




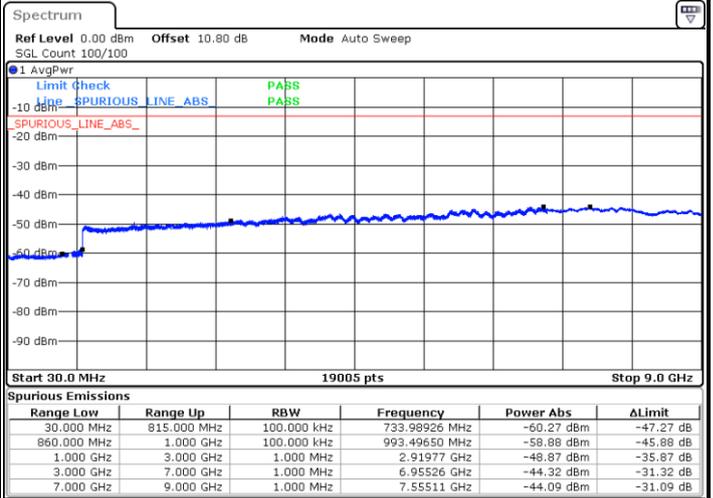
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

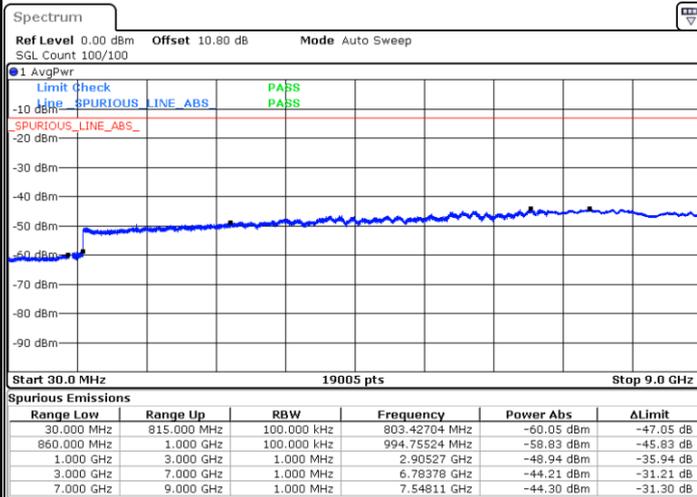


Date: 6 JAN 2020 22:40:47



Date: 6 JAN 2020 22:41:53

Highest Channel / 64QAM



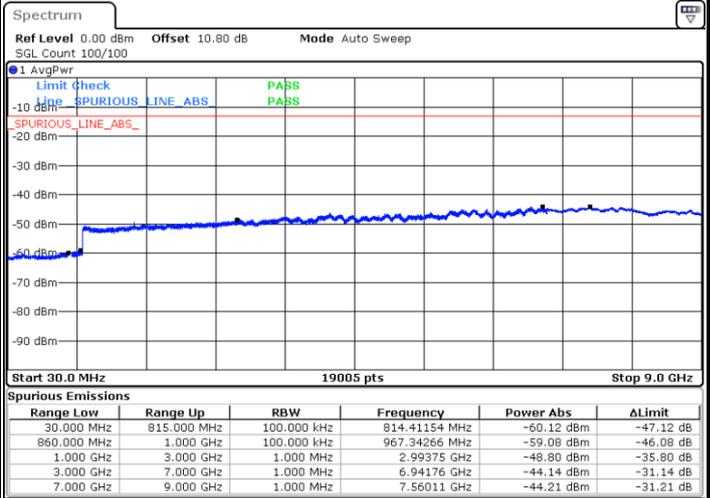
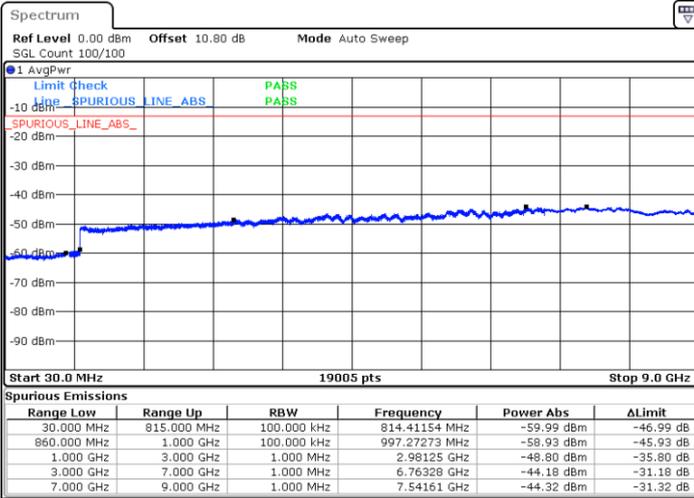
Date: 6 JAN 2020 22:44:50



LTE Band 26 / 10MHz

Lowest Channel / 64QAM

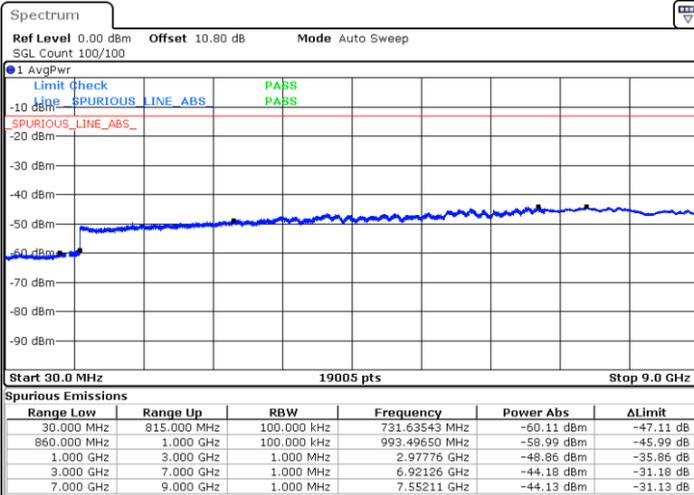
Middle Channel / 64QAM



Date: 6 JAN 2020 22:47:47

Date: 6 JAN 2020 22:48:52

Highest Channel / 64QAM



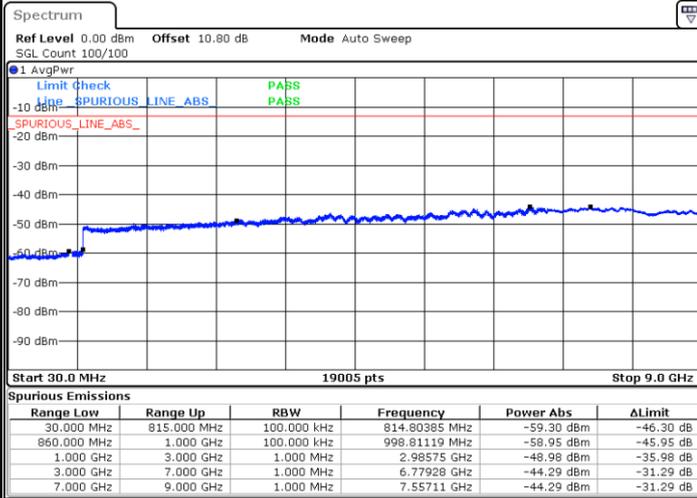
Date: 6 JAN 2020 22:51:49



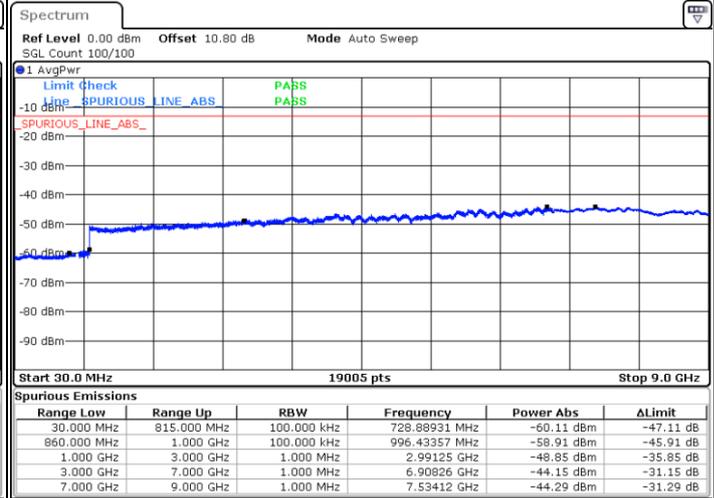
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

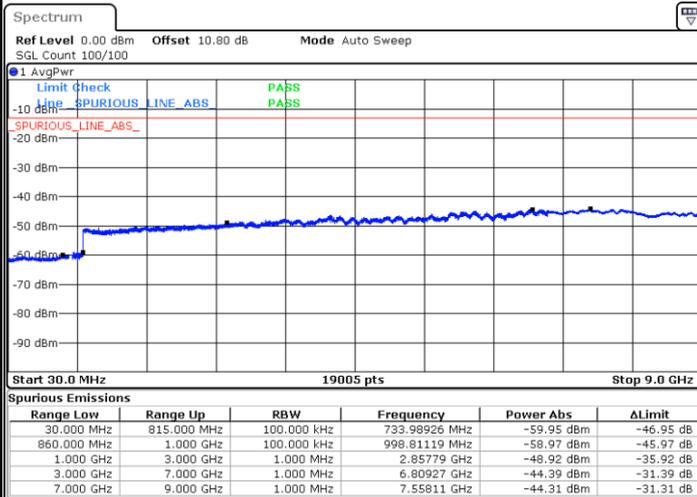


Date: 6 JAN 2020 22:54:43



Date: 6 JAN 2020 22:55:48

Highest Channel / 64QAM



Date: 6 JAN 2020 22:58:45



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0068	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0114	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0099	
20	Maximum Voltage	0.0155	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0062	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 38

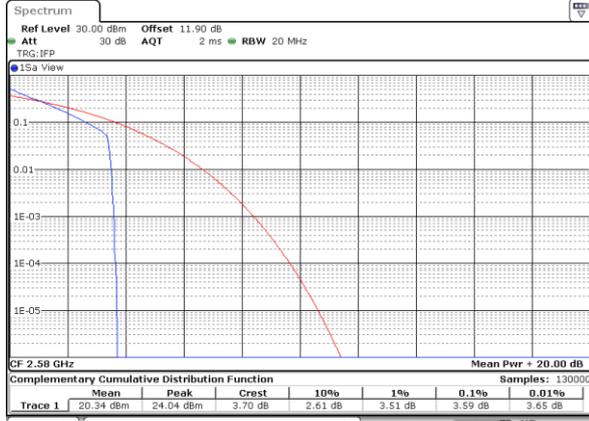
## Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.99	5.39	5.94	PASS
Middle CH	3.57	5.01	5.48	6.00	
Highest CH	3.68	5.01	5.39	6.03	
Mode	LTE Band 38 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.49	6.43	-	-	PASS
Middle CH	6.70	6.52	-	-	
Highest CH	6.84	6.64	-	-	



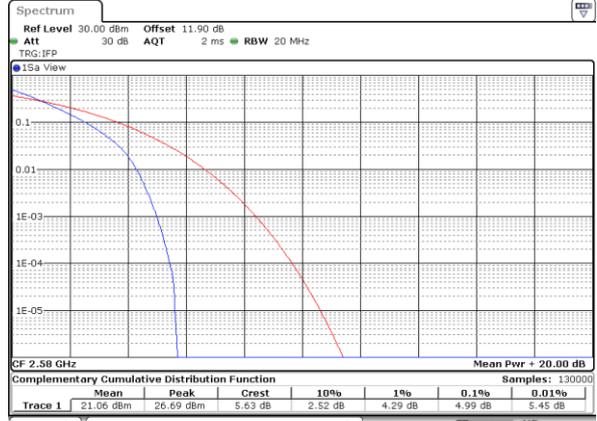
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



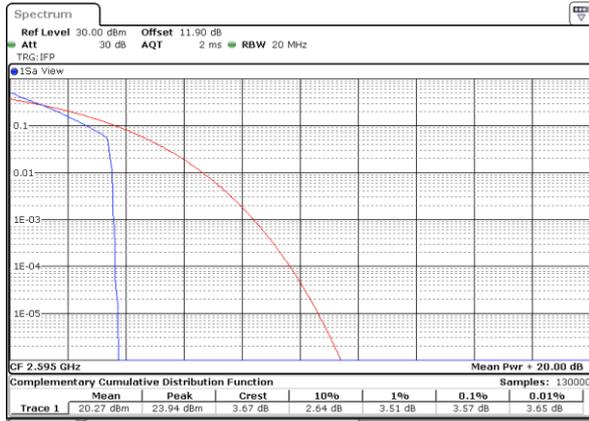
Date: 4 JAN 2020 21:35:56

Lowest Channel / Full RB



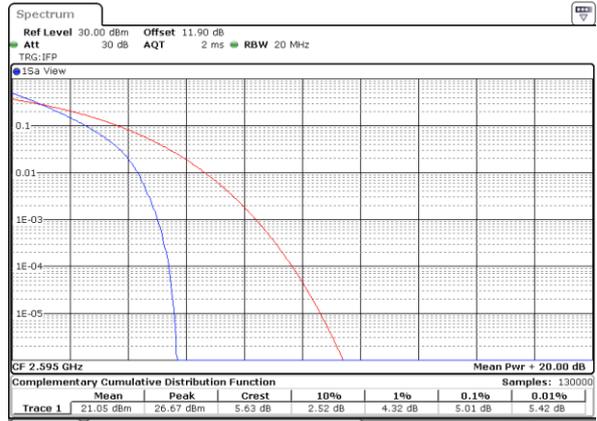
Date: 4 JAN 2020 21:36:12

Middle Channel / 1RB



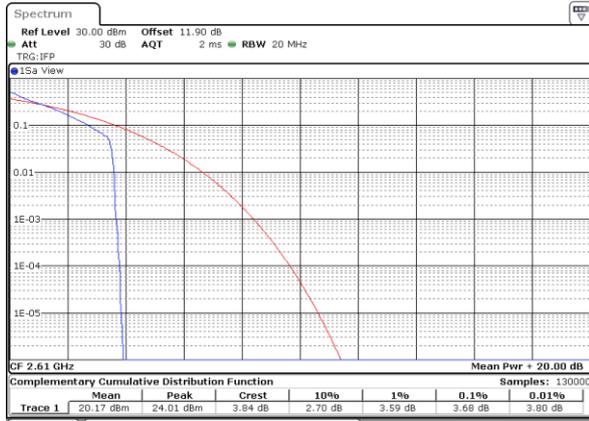
Date: 4 JAN 2020 21:36:29

Middle Channel / Full RB



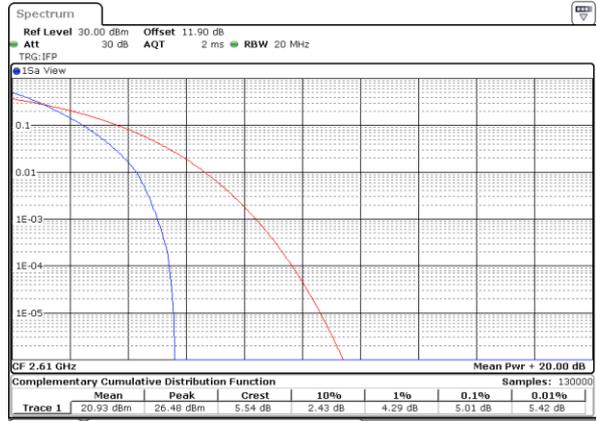
Date: 4 JAN 2020 21:36:43

Highest Channel / 1RB



Date: 4 JAN 2020 21:37:00

Highest Channel / Full RB

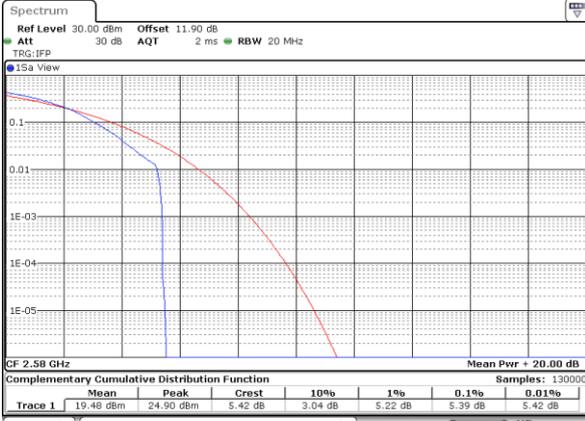


Date: 4 JAN 2020 21:37:31



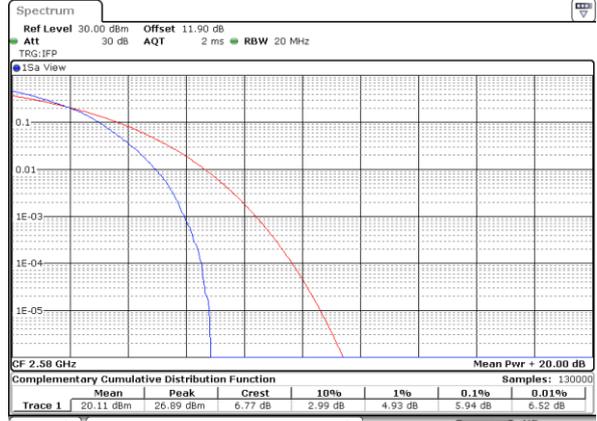
LTE Band 38 / 20MHz / 16QAM

Lowest Channel / 1RB



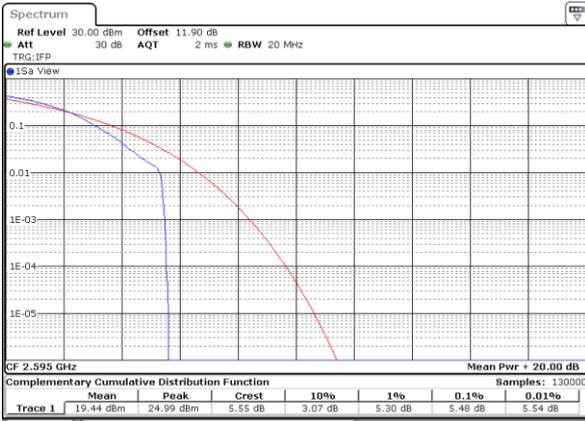
Date: 4 JAN 2020 21:29:55

Lowest Channel / Full RB



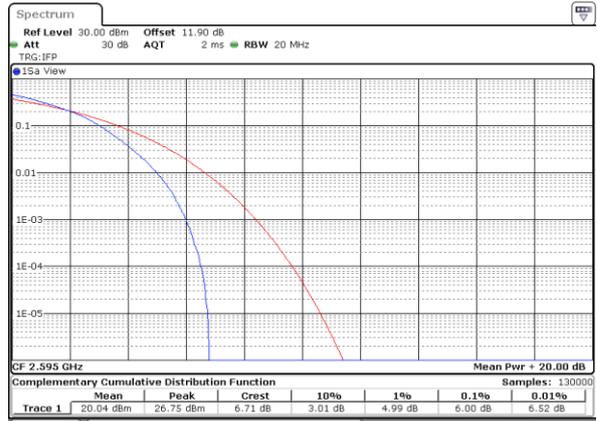
Date: 4 JAN 2020 21:30:14

Middle Channel / 1RB



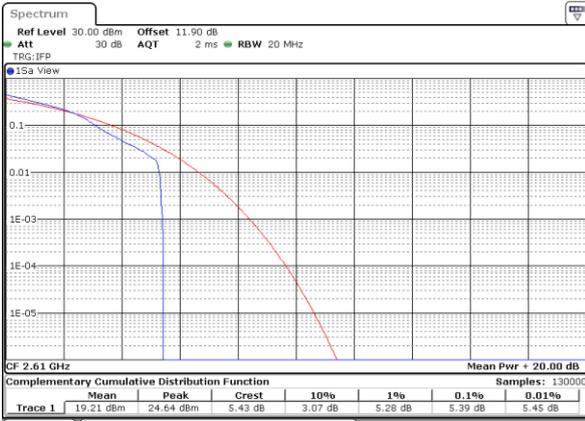
Date: 4 JAN 2020 21:33:52

Middle Channel / Full RB



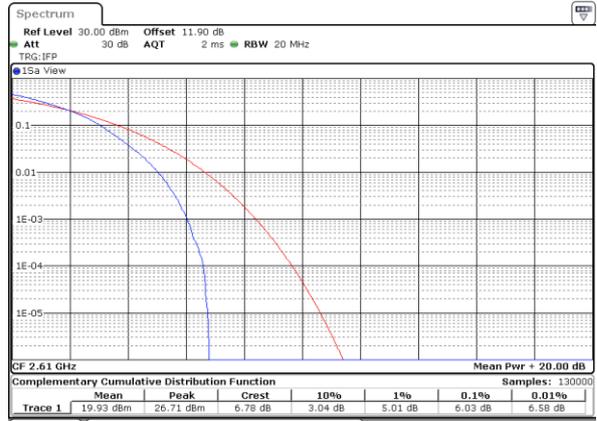
Date: 4 JAN 2020 21:34:07

Highest Channel / 1RB



Date: 4 JAN 2020 21:34:22

Highest Channel / Full RB

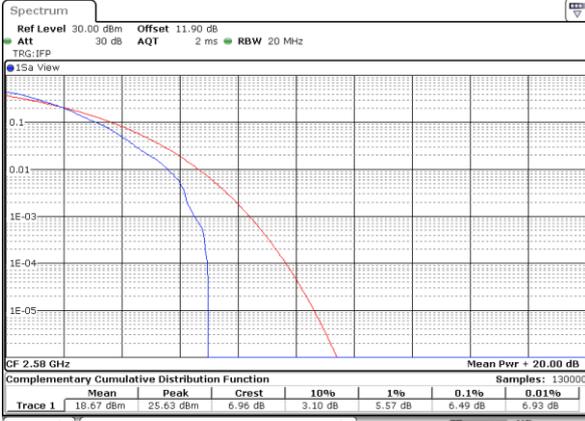


Date: 4 JAN 2020 21:34:38



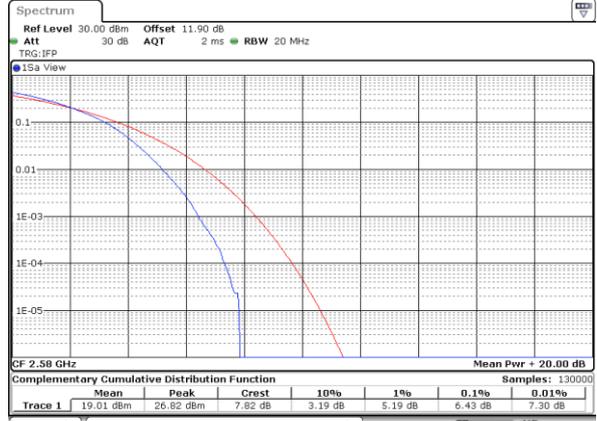
LTE Band 38 / 20MHz / 64QAM

Lowest Channel / 1RB



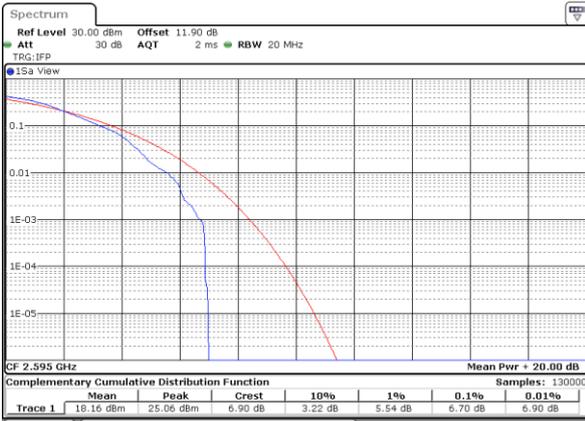
Date: 4 JAN 2020 21:24:37

Lowest Channel / Full RB



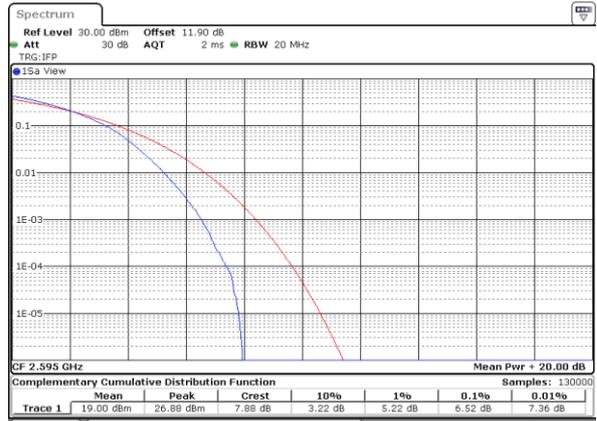
Date: 4 JAN 2020 21:24:58

Middle Channel / 1RB



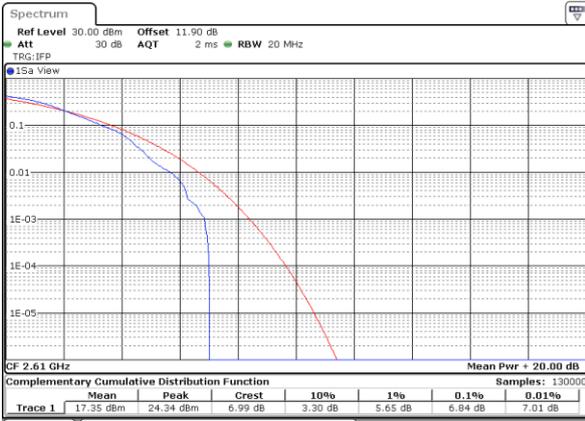
Date: 4 JAN 2020 21:25:29

Middle Channel / Full RB



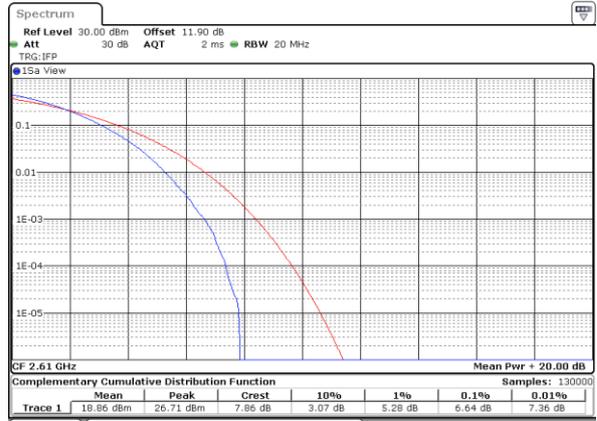
Date: 4 JAN 2020 21:28:59

Highest Channel / 1RB



Date: 4 JAN 2020 21:29:17

Highest Channel / Full RB



Date: 4 JAN 2020 21:29:33



**26dB Bandwidth**

Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.86	4.85	9.87	9.67	14.09	14.36	19.02	18.82
Middle CH	-	-	-	-	4.80	4.91	9.61	11.13	14.27	14.39	19.02	18.94
Highest CH	-	-	-	-	4.90	4.84	9.85	9.63	14.12	14.27	18.62	18.74
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.76	-	9.77	-	14.24	-	18.98	-
Middle CH	-	-	-	-	4.84	-	9.63	-	14.33	-	18.66	-
Highest CH	-	-	-	-	4.97	-	9.71	-	14.33	-	18.86	-