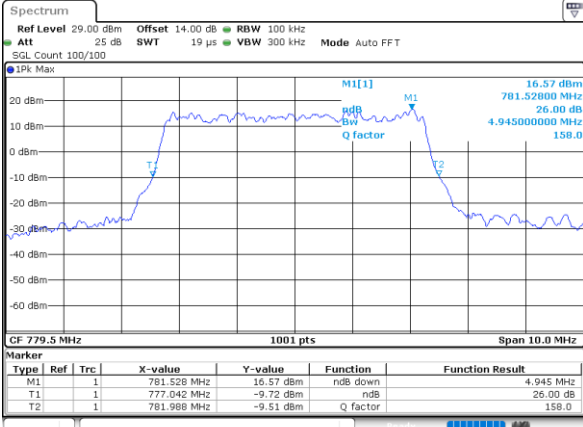




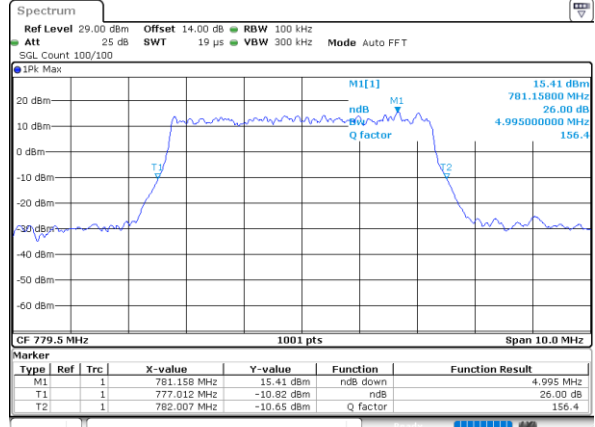
LTE Band 13

Lowest Channel / 5MHz / QPSK



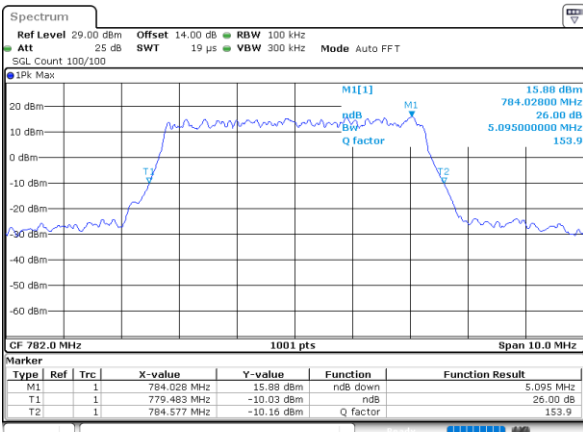
Date: 16, DEC, 2021 23:56:33

Lowest Channel / 5MHz / 16QAM



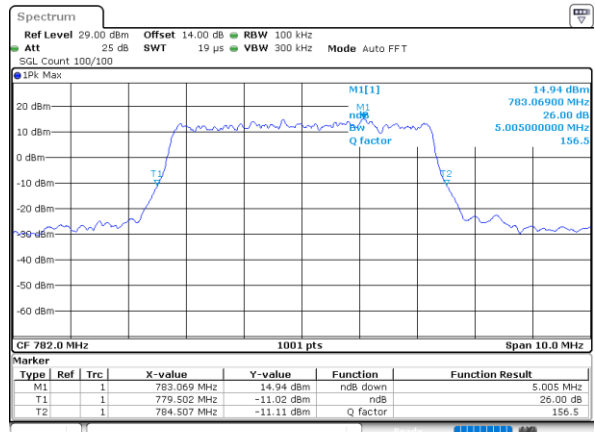
Date: 16, DEC, 2021 23:56:22

Middle Channel / 5MHz / QPSK



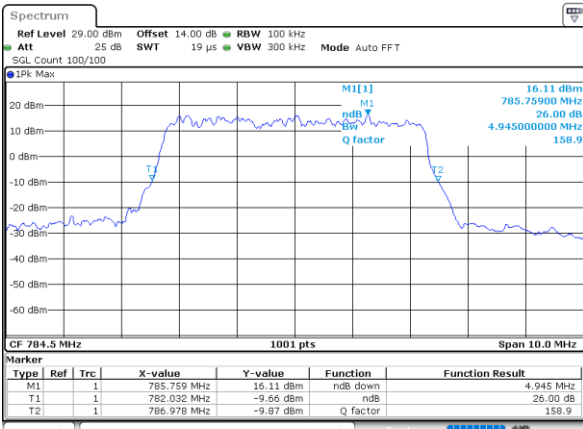
Date: 17, DEC, 2021 00:07:16

Middle Channel / 5MHz / 16QAM



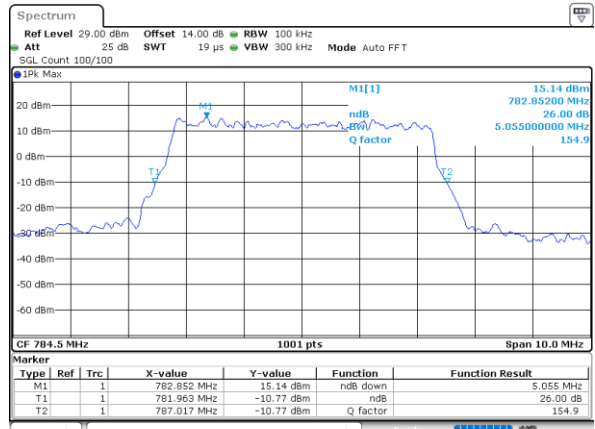
Date: 17, DEC, 2021 00:07:27

Highest Channel / 5MHz / QPSK



Date: 17, DEC, 2021 00:08:33

Highest Channel / 5MHz / 16QAM

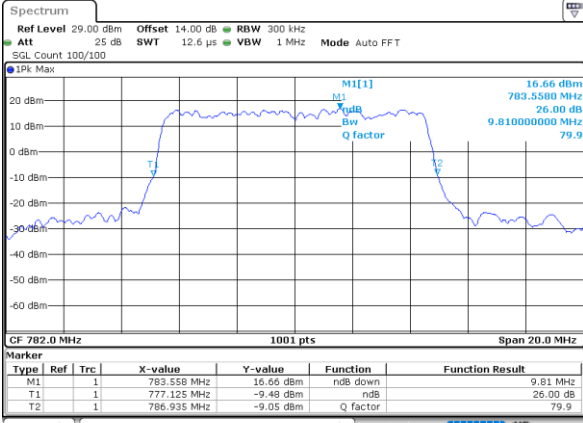


Date: 17, DEC, 2021 00:08:22



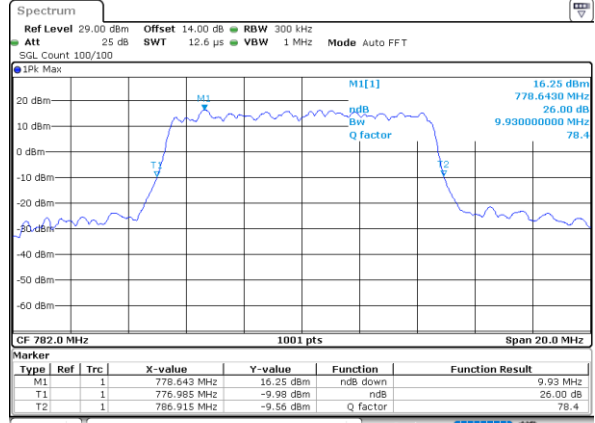
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 17, DEC, 2021 00:28:29

Middle Channel / 10MHz / 16QAM



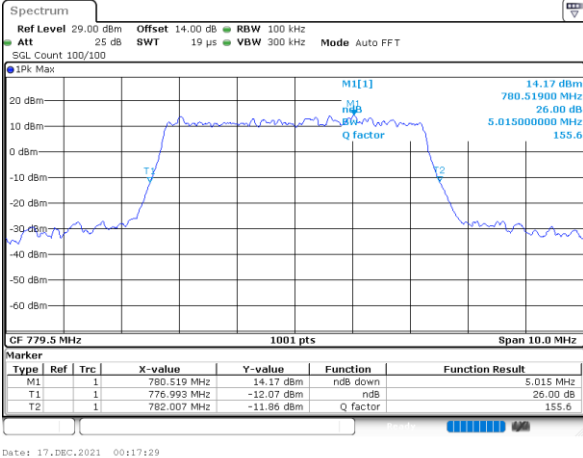
Date: 17, DEC, 2021 00:28:18



LTE Band 13

Lowest Channel / 5MHz / 64QAM

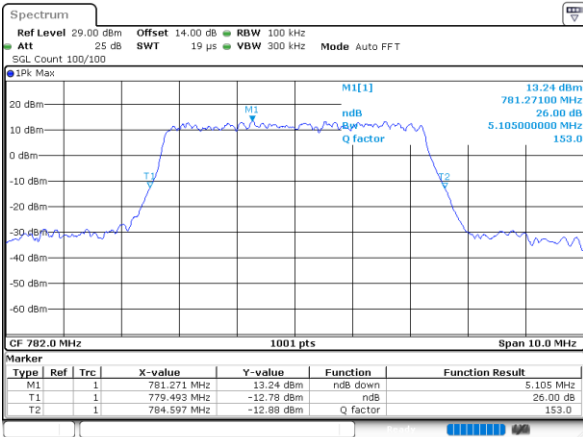
N/A



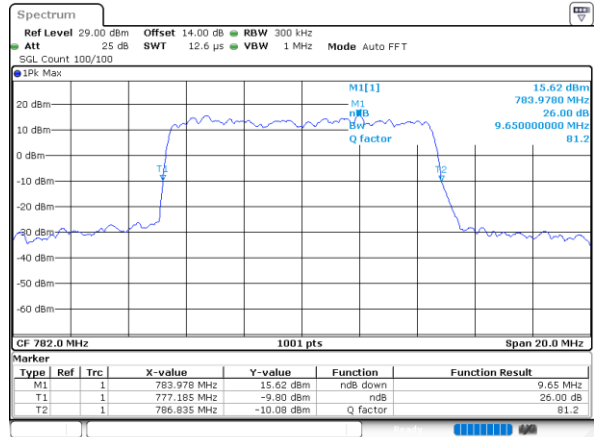
Date: 17_DEC.2021 00:17:29

Middle Channel / 5MHz / 64QAM

Middle Channel / 10MHz / 64QAM



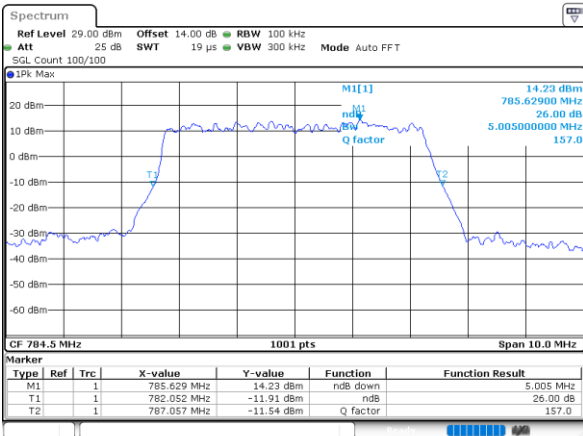
Date: 17_DEC.2021 00:22:55



Date: 17_DEC.2021 00:40:43

Highest Channel / 5MHz / 64QAM

N/A



Date: 17_DEC.2021 00:23:28

N/A



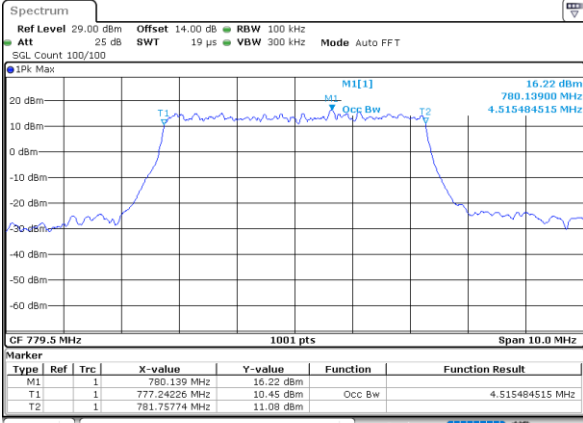
Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.47	4.51	9.01	9.05	-	-	-	-
Highest CH	-	-	-	-	4.49	4.49	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.52	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.50	-	8.99	-	-	-	-	-
Highest CH	-	-	-	-	4.50	-	-	-	-	-	-	-



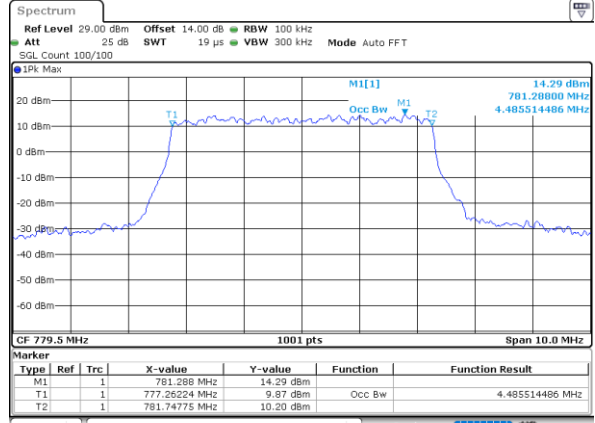
LTE Band 13

Lowest Channel / 5MHz / QPSK



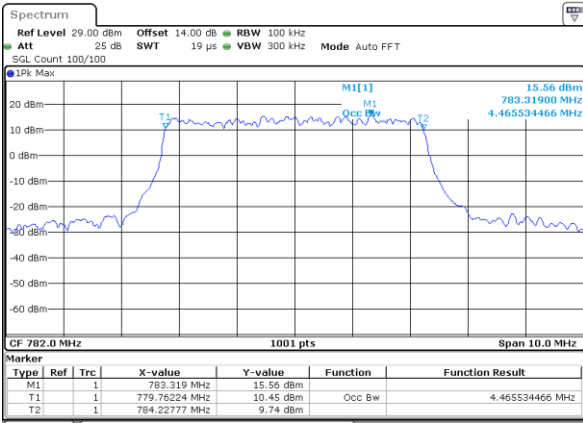
Date: 16_DEC.2021 23:56:01

Lowest Channel / 5MHz / 16QAM



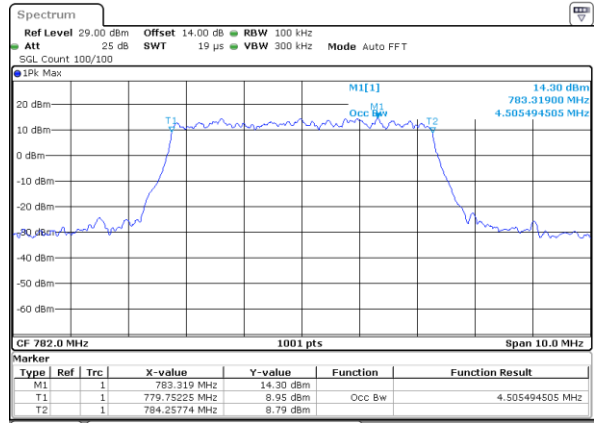
Date: 16_DEC.2021 23:56:12

Middle Channel / 5MHz / QPSK



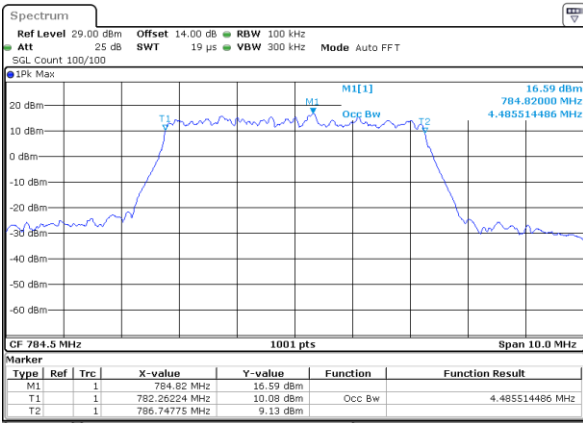
Date: 17_DEC.2021 00:07:49

Middle Channel / 5MHz / 16QAM



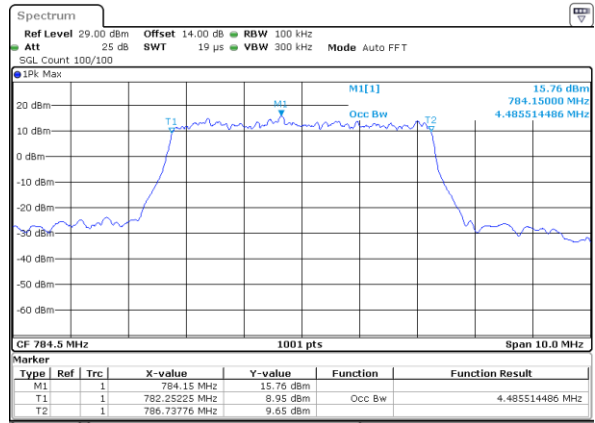
Date: 17_DEC.2021 00:07:38

Highest Channel / 5MHz / QPSK



Date: 17_DEC.2021 00:08:00

Highest Channel / 5MHz / 16QAM

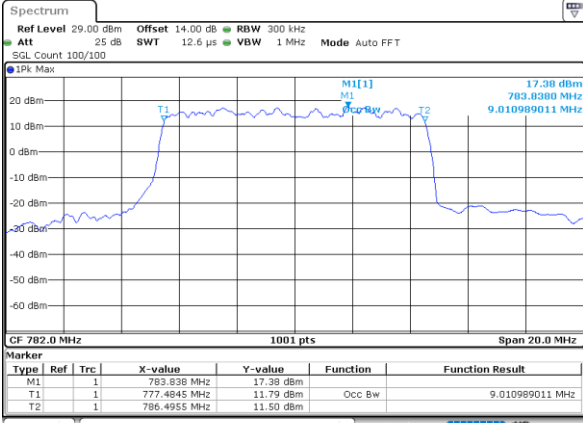


Date: 17_DEC.2021 00:08:11



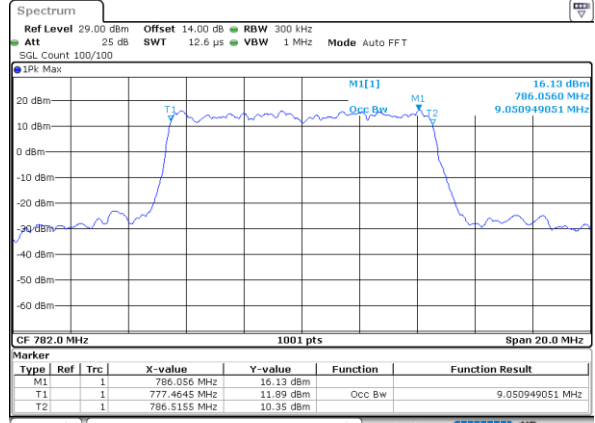
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 17_DEC.2021 00:27:56

Middle Channel / 10MHz / 16QAM



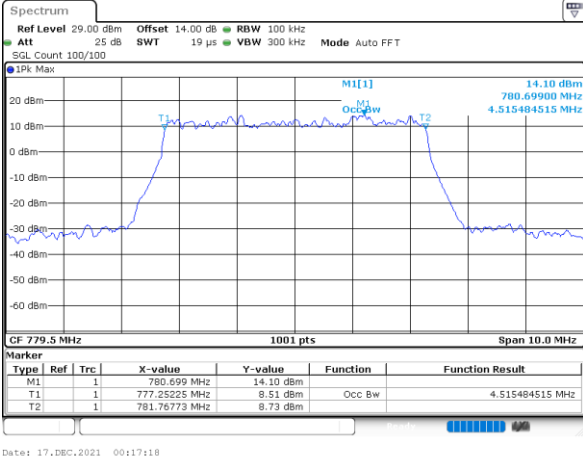
Date: 17_DEC.2021 00:28:07



LTE Band 13

Lowest Channel / 5MHz / 64QAM

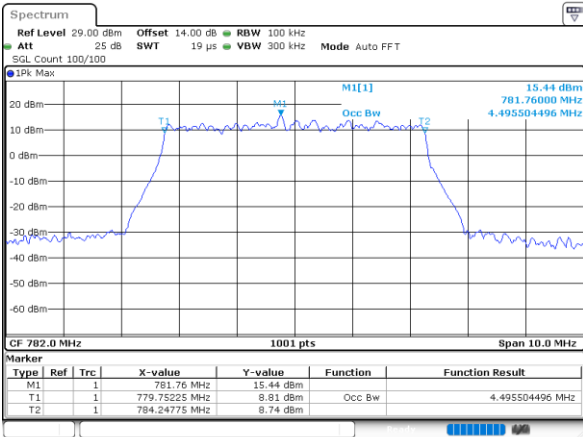
N/A



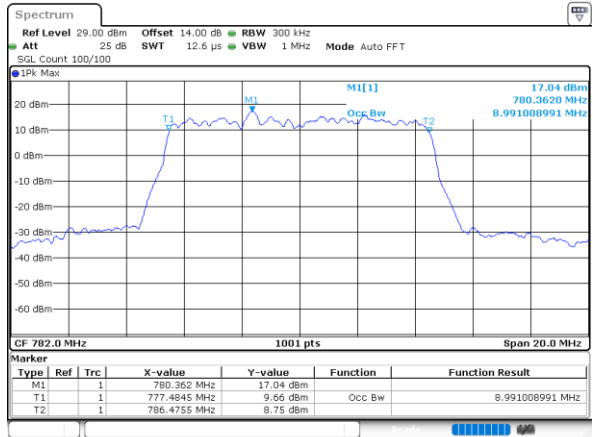
Date: 17_DEC.2021 00:17:18

Middle Channel / 5MHz / 64QAM

Middle Channel / 10MHz / 64QAM



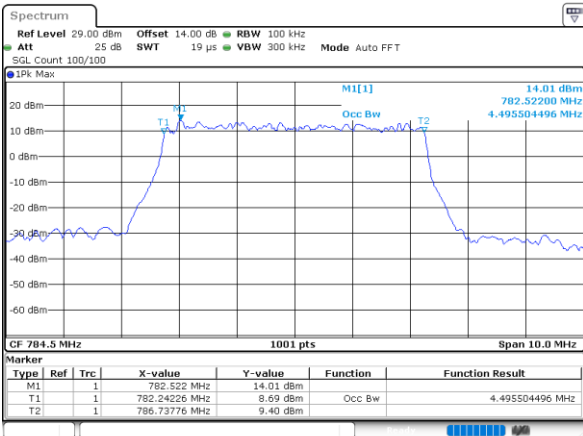
Date: 17_DEC.2021 00:23:06



Date: 17_DEC.2021 00:40:32

Highest Channel / 5MHz / 64QAM

N/A



Date: 17_DEC.2021 00:23:17

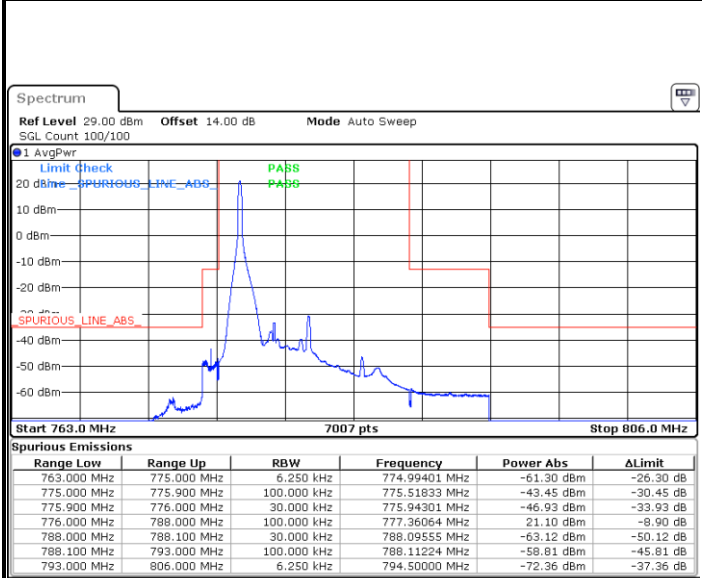
N/A



Conducted Band Edge

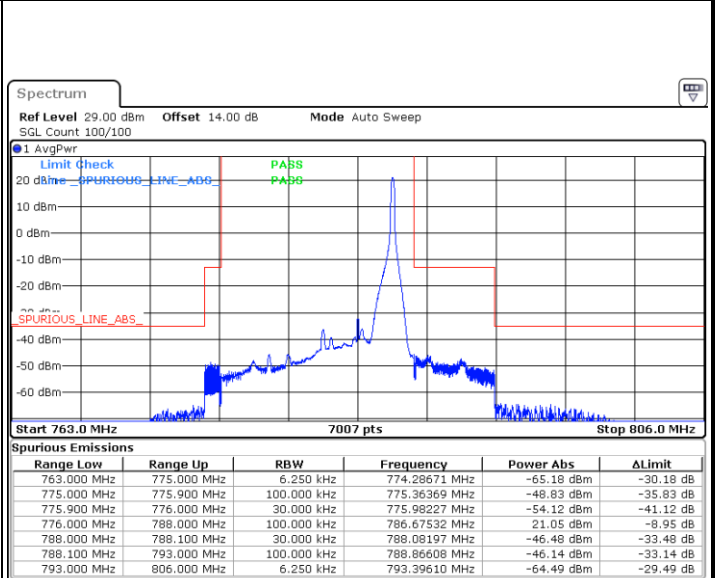
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



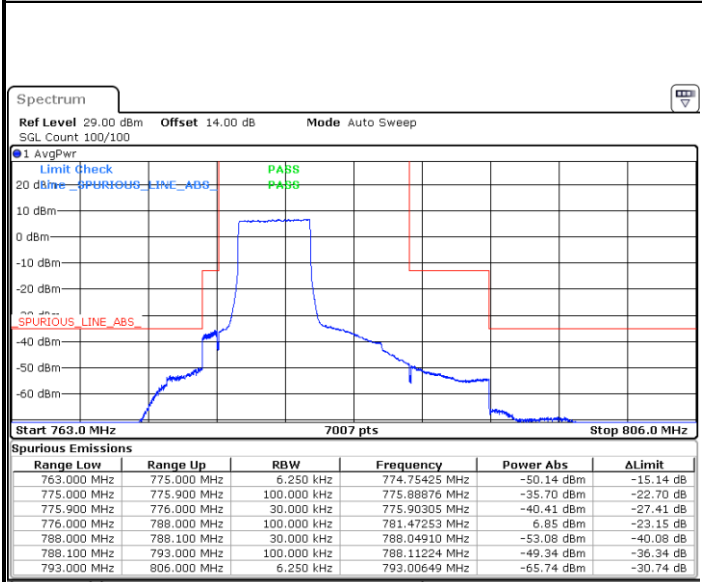
Date: 17.DEC.2021 00:03:09

Highest Band Edge / 1 RB



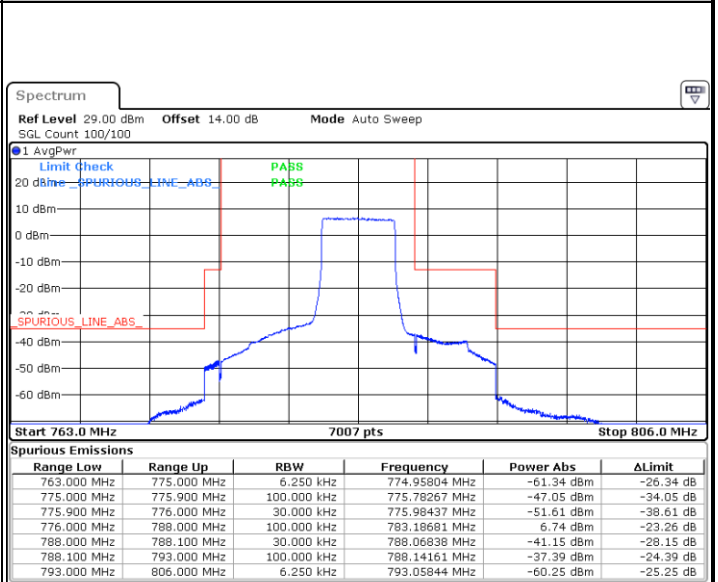
Date: 17.DEC.2021 00:15:09

Lowest Band Edge / Full RB



Date: 16.DEC.2021 23:58:12

Highest Band Edge / Full RB



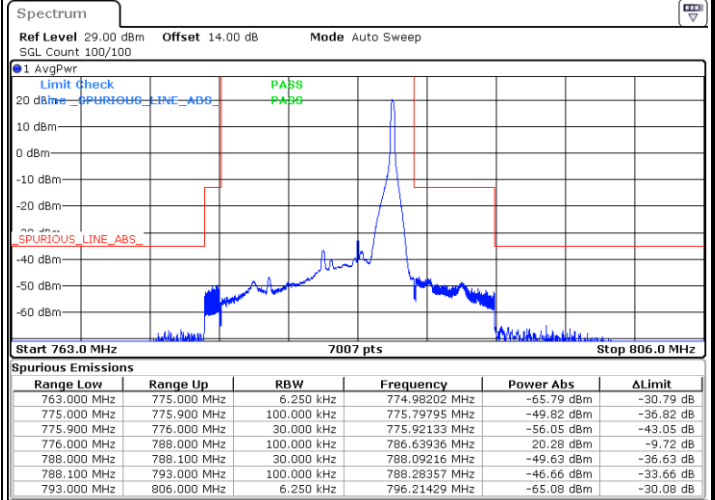
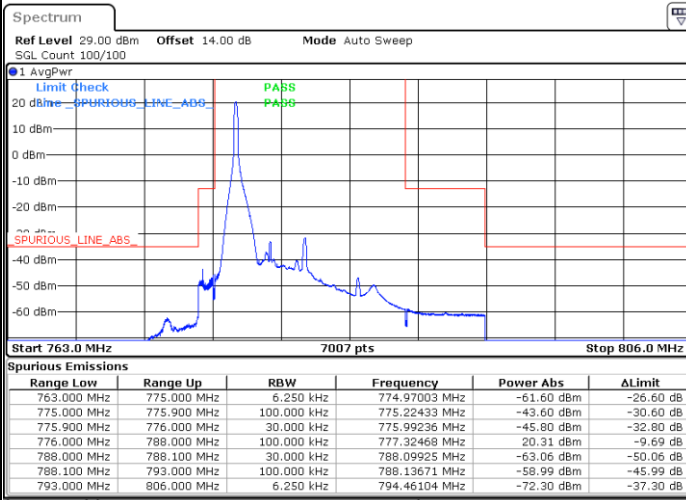
Date: 17.DEC.2021 00:10:11



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

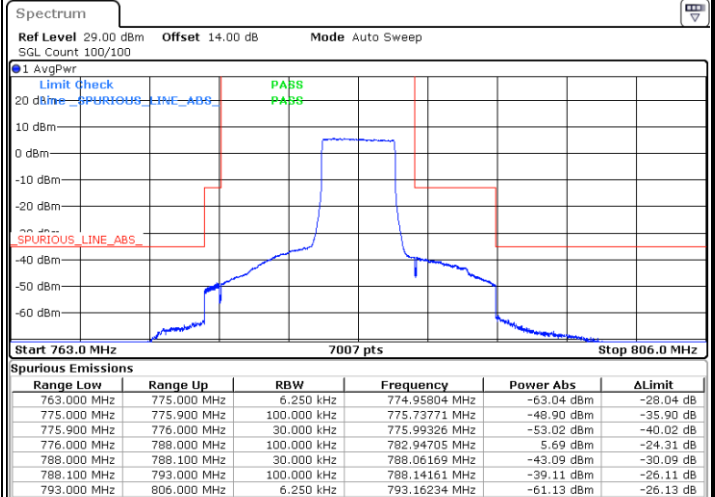
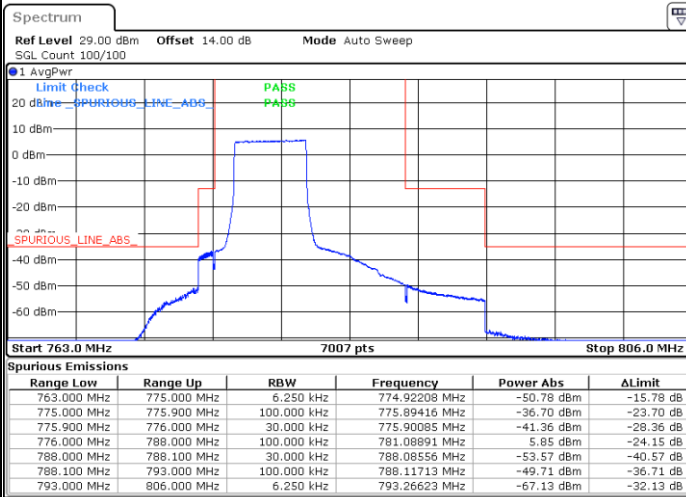


Date: 17.DEC.2021 00:01:30

Date: 17.DEC.2021 00:13:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.DEC.2021 23:59:51

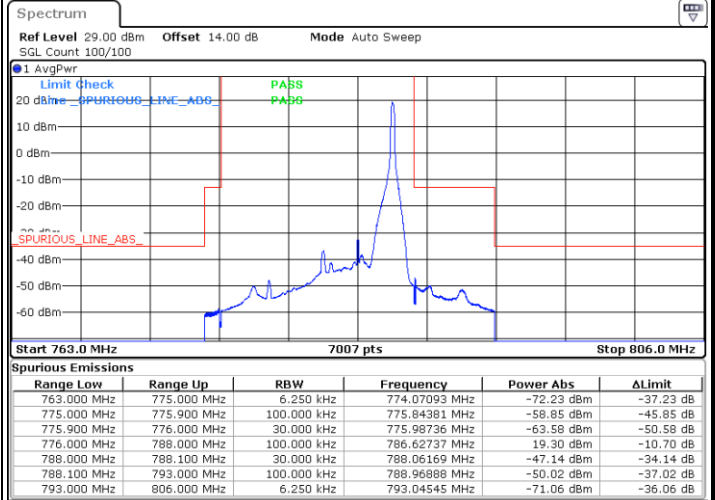
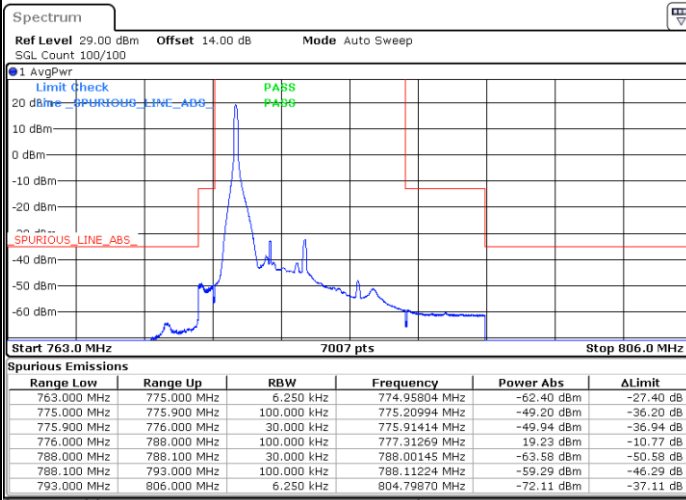
Date: 17.DEC.2021 00:11:50



LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

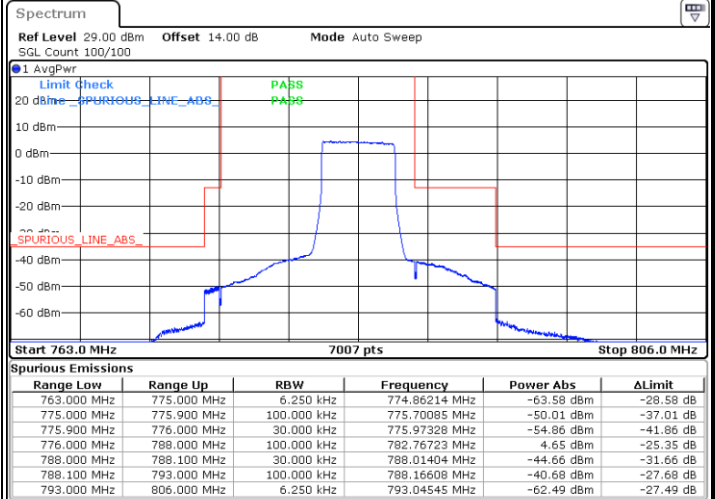
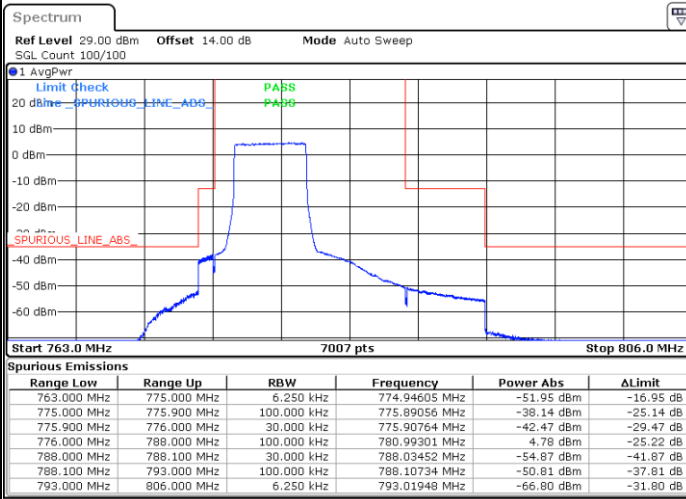


Date: 17.DEC.2021 00:20:46

Date: 17.DEC.2021 00:26:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17.DEC.2021 00:19:07

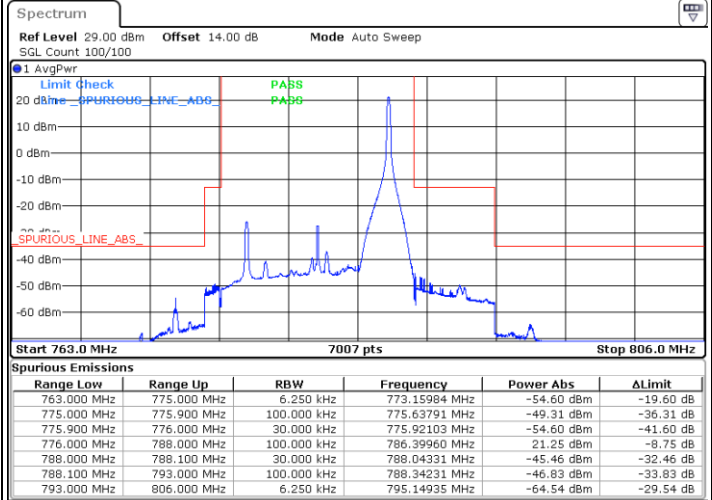
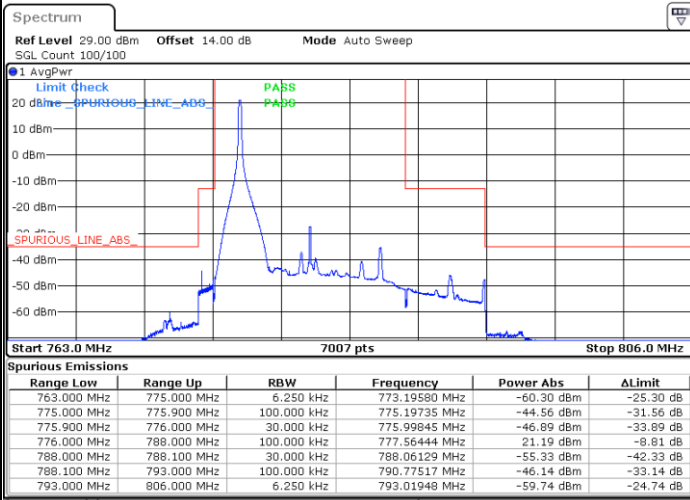
Date: 17.DEC.2021 00:25:07



LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

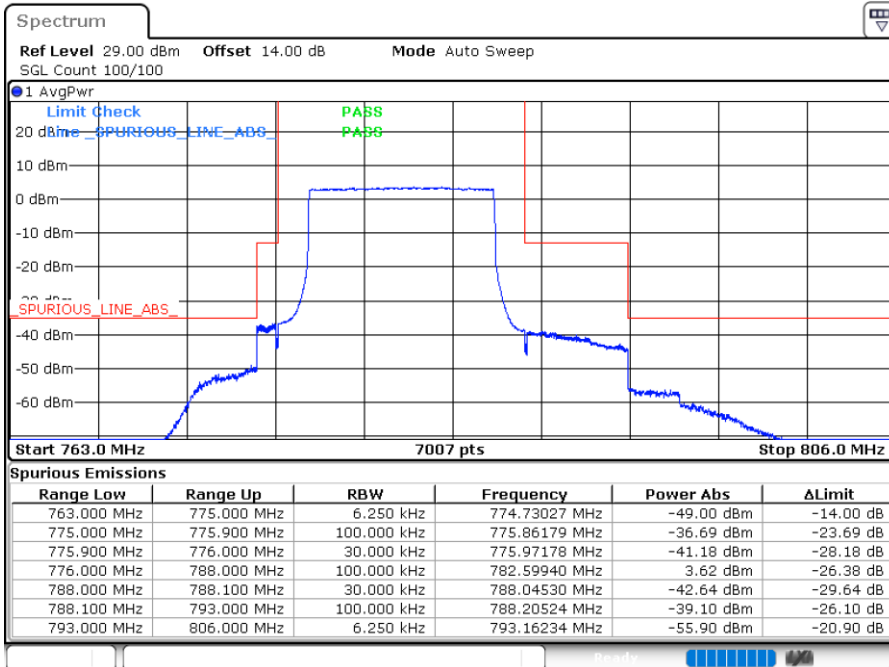
Highest Band Edge / 1 RB



Date: 17. DEC. 2021 00:35:05

Date: 17. DEC. 2021 00:36:44

Band Edge / Full RB



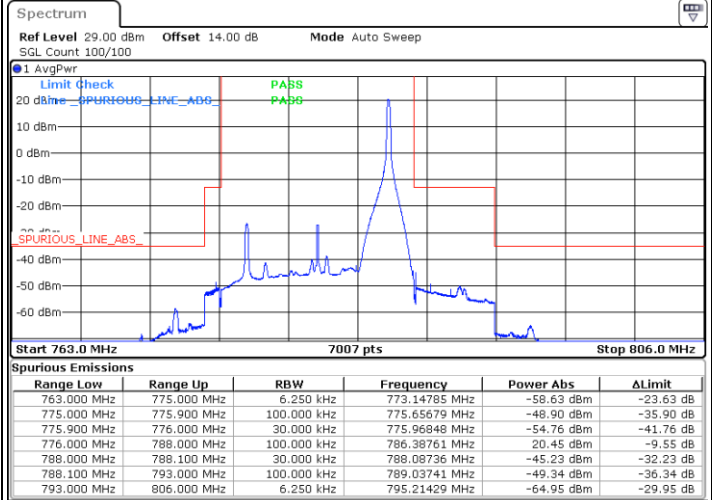
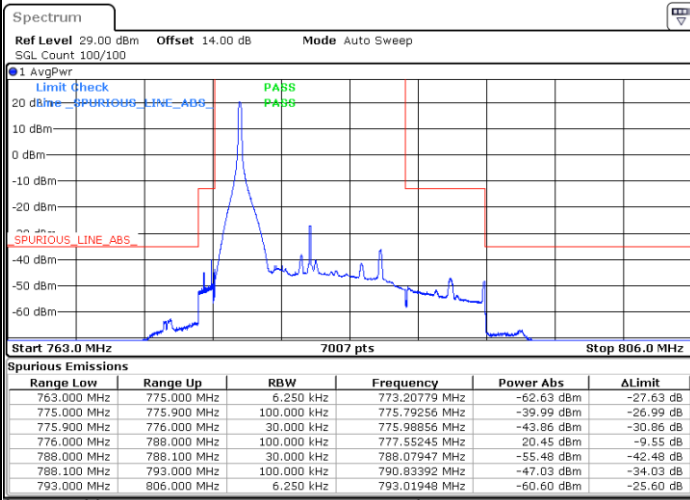
Date: 17. DEC. 2021 00:30:08



LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

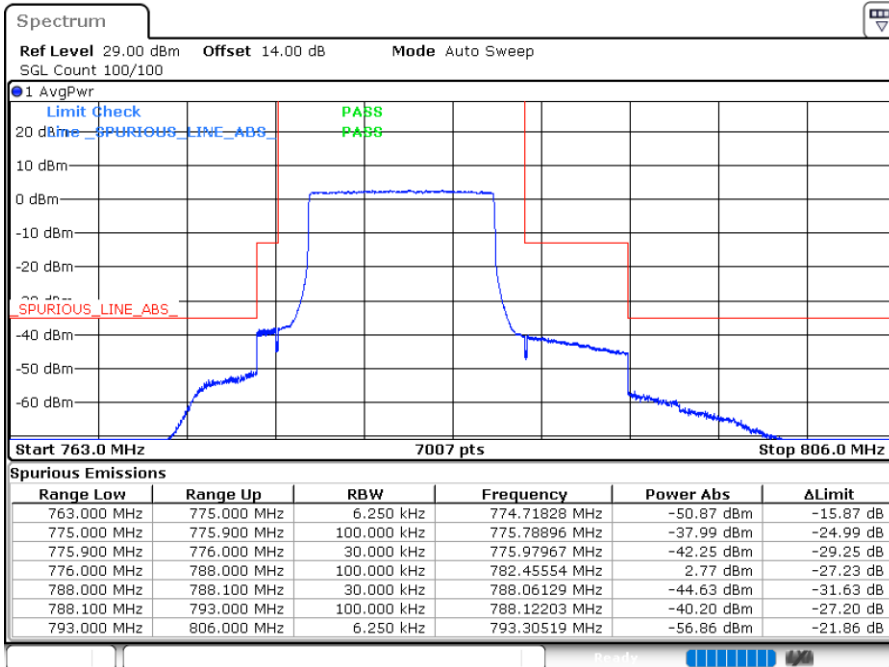
Highest Band Edge / 1 RB



Date: 17. DEC. 2021 00:33:26

Date: 17. DEC. 2021 00:38:23

Band Edge / Full RB

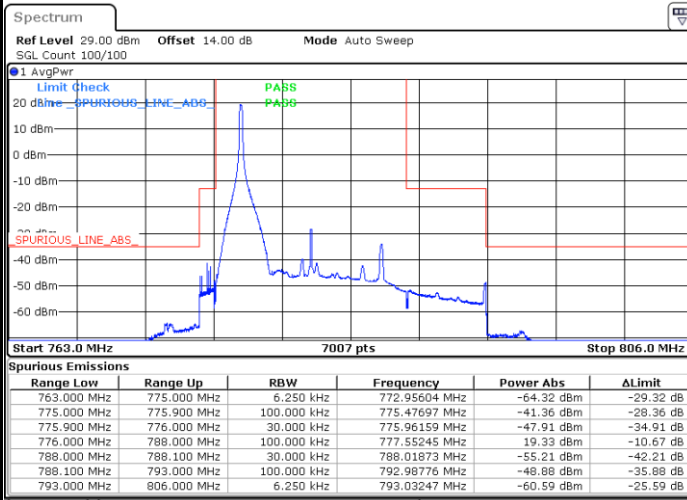


Date: 17. DEC. 2021 00:31:47



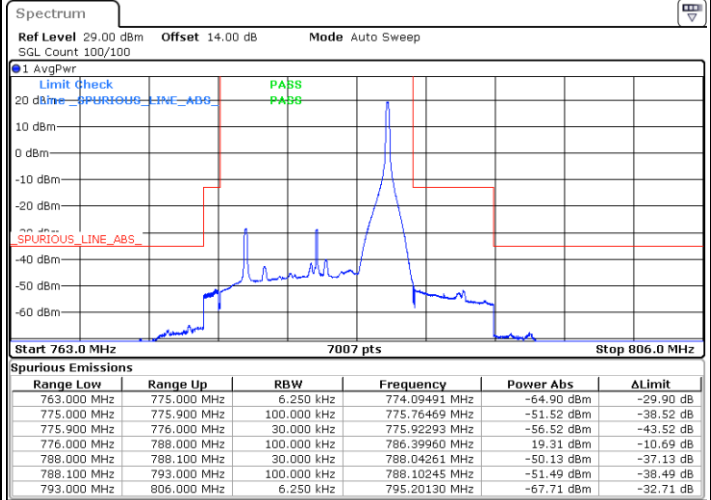
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



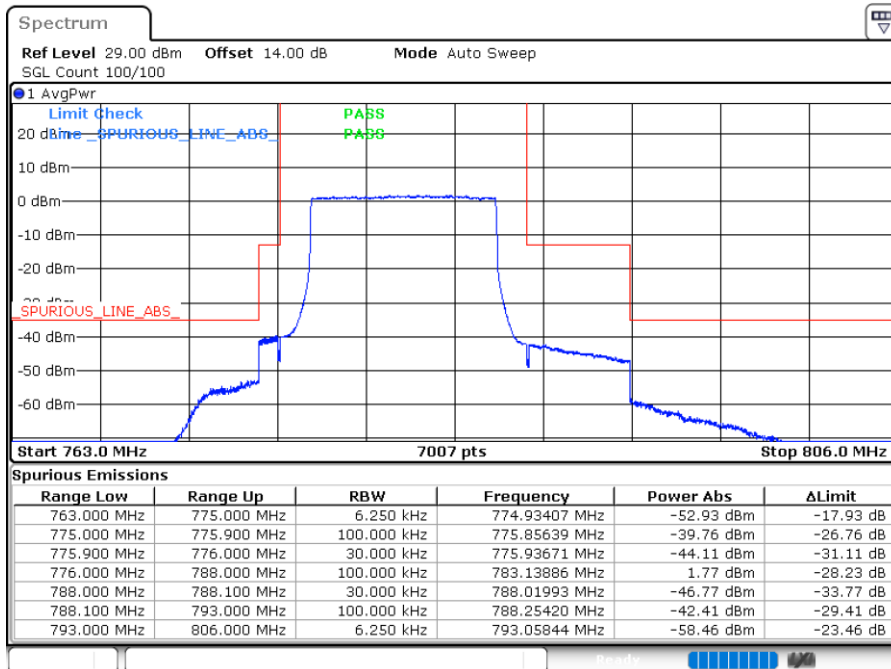
Date: 17.DEC.2021 00:44:00

Highest Band Edge / 1 RB



Date: 17.DEC.2021 00:45:39

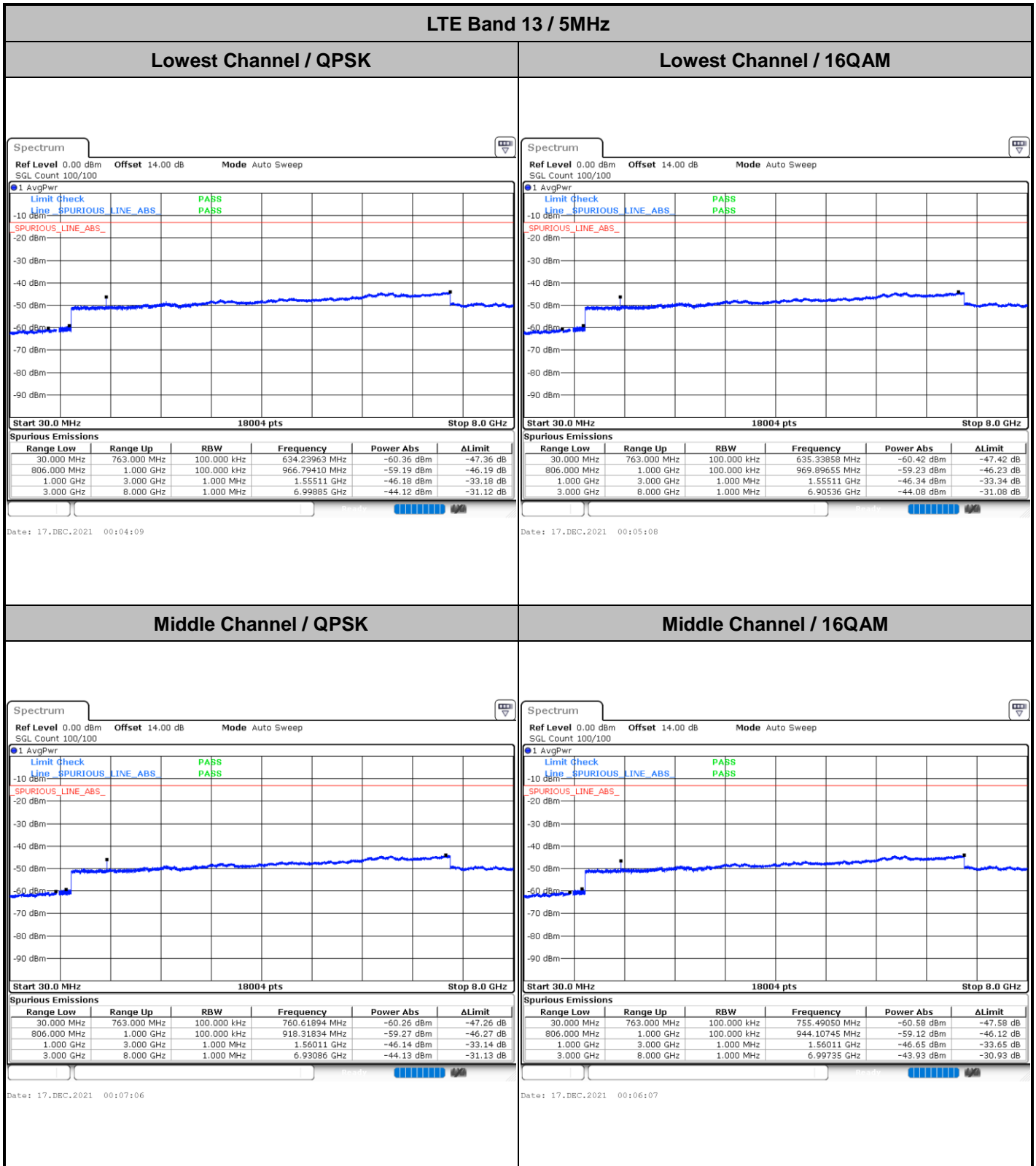
Band Edge / Full RB



Date: 17.DEC.2021 00:42:21



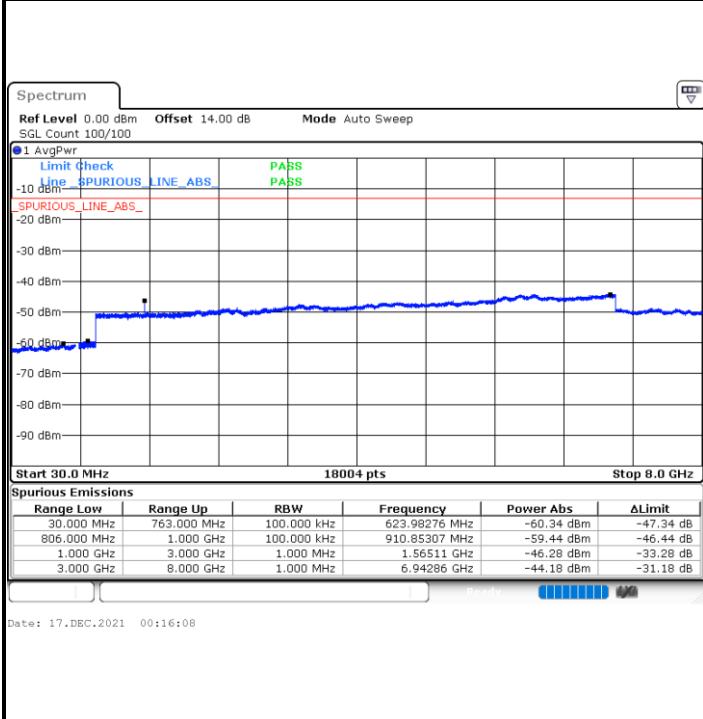
Conducted Spurious Emission



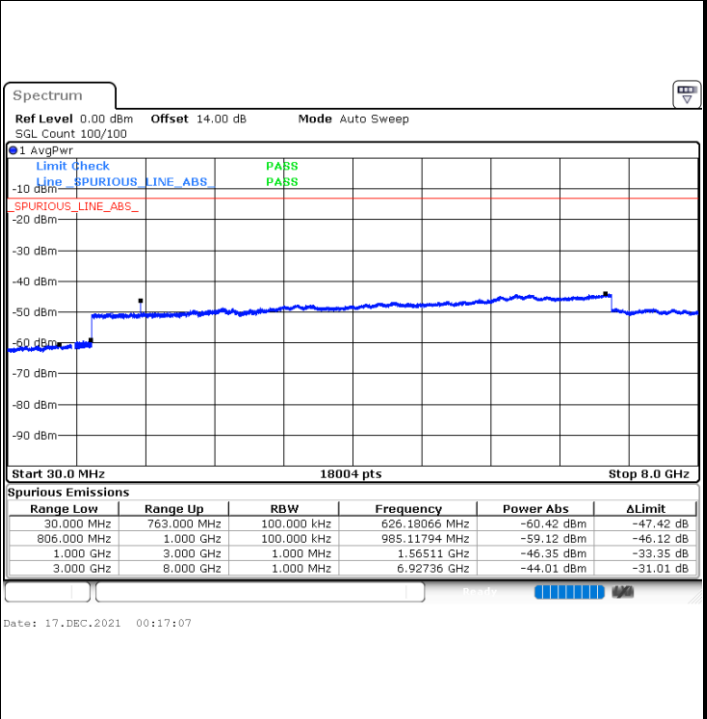


LTE Band 13 / 5MHz

Highest Channel / QPSK

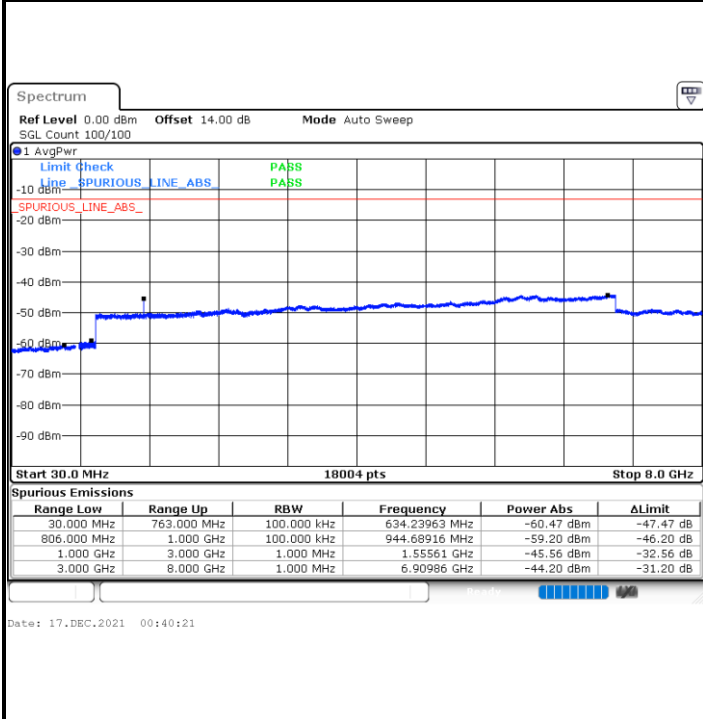


Highest Channel / 16QAM

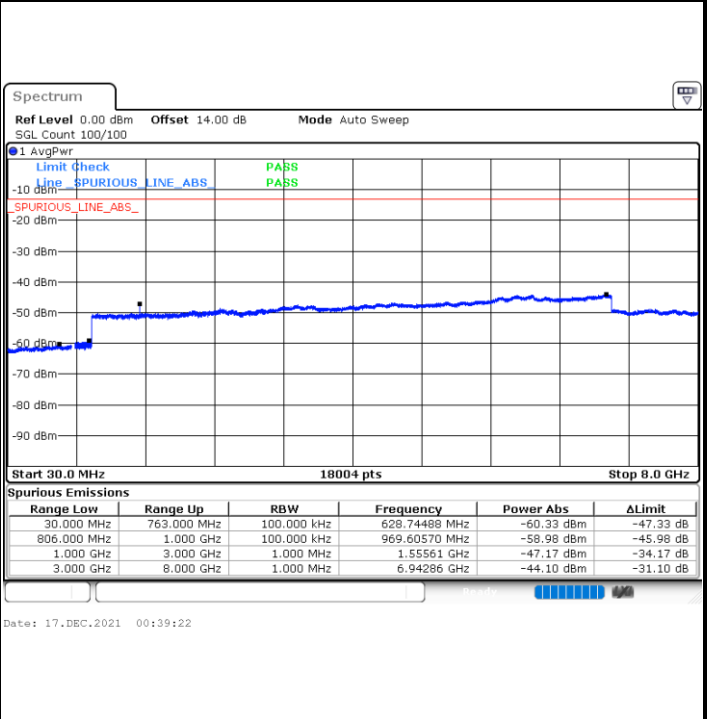


LTE Band 13 / 10MHz

Middle Channel / QPSK



Middle Channel / 16QAM

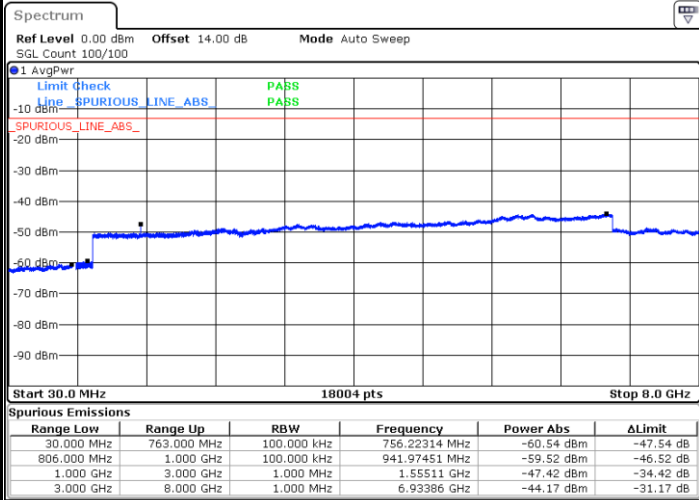




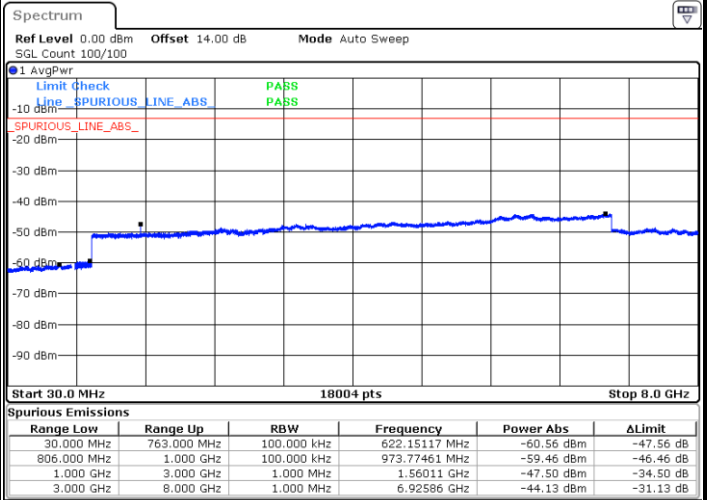
LTE Band 13 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



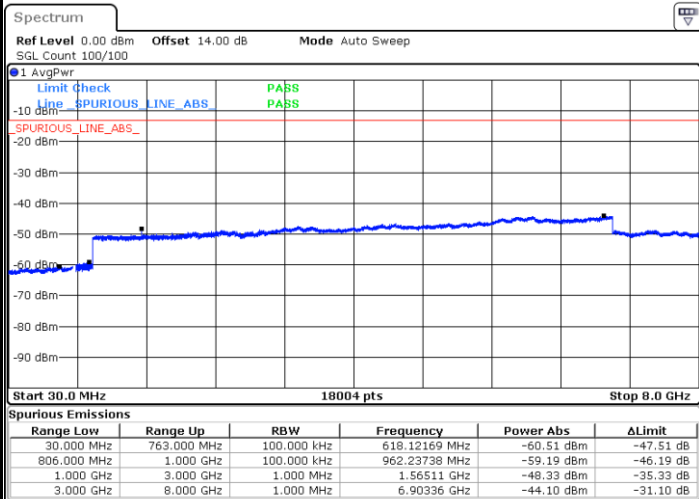
Date: 17.DEC.2021 00:21:46



Date: 17.DEC.2021 00:22:45

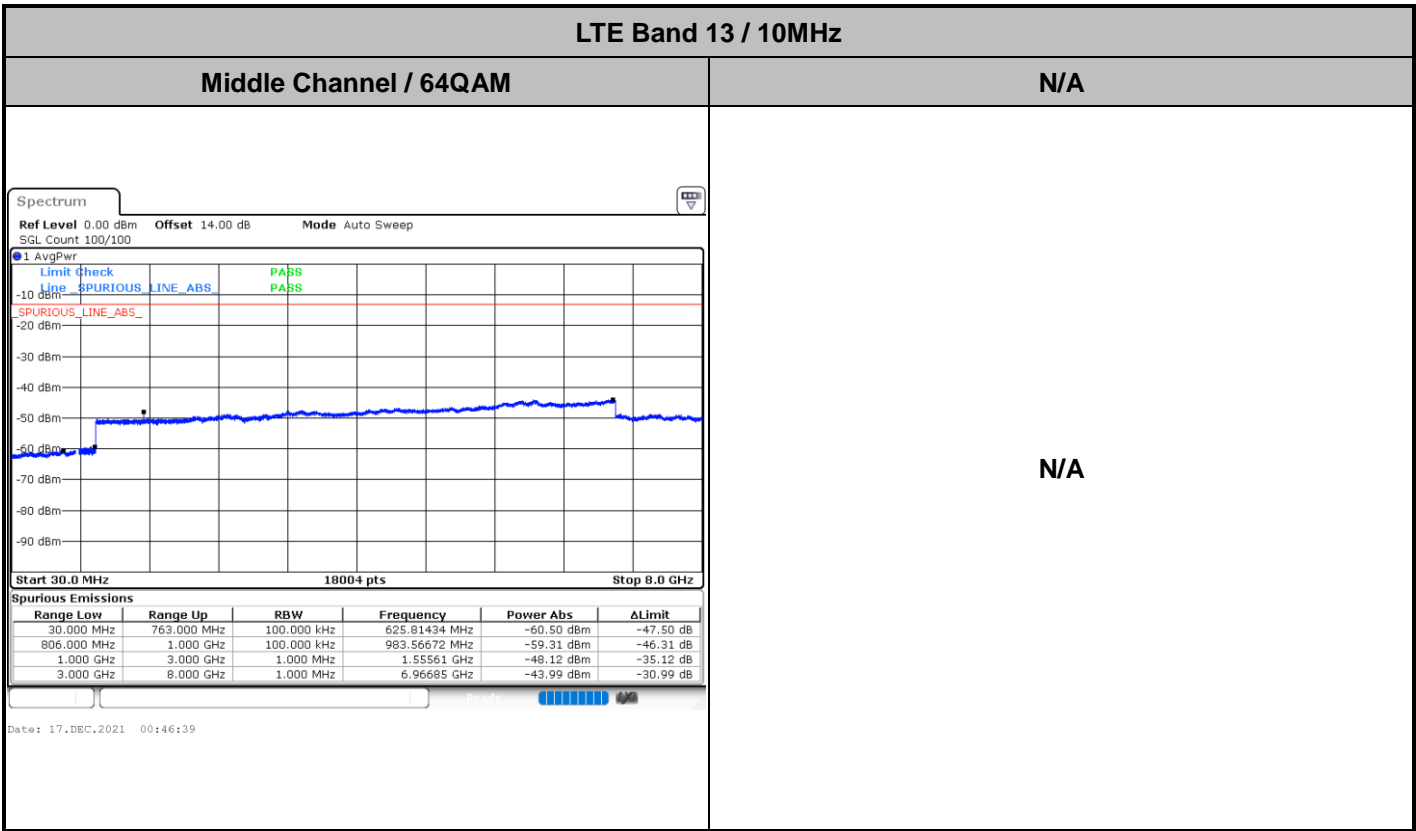
Highest Channel / 64QAM

N/A



Date: 17.DEC.2021 00:27:45

N/A





Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0036	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 22H

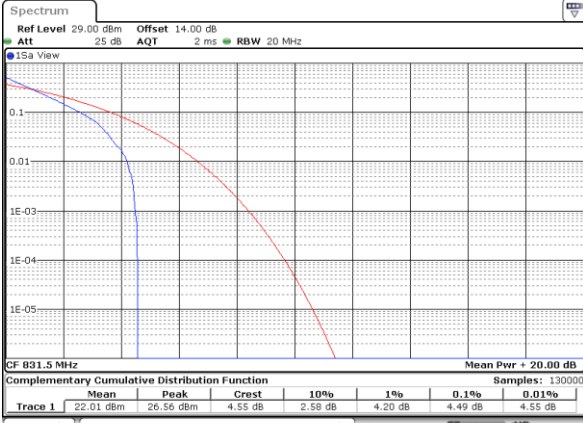
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	5.22	5.36	5.94	PASS
Middle CH	4.38	5.28	5.19	6.00	
Highest CH	4.64	5.30	5.39	6.06	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.97	6.46	-	-	PASS
Middle CH	6.00	6.41	-	-	
Highest CH	6.06	6.38	-	-	



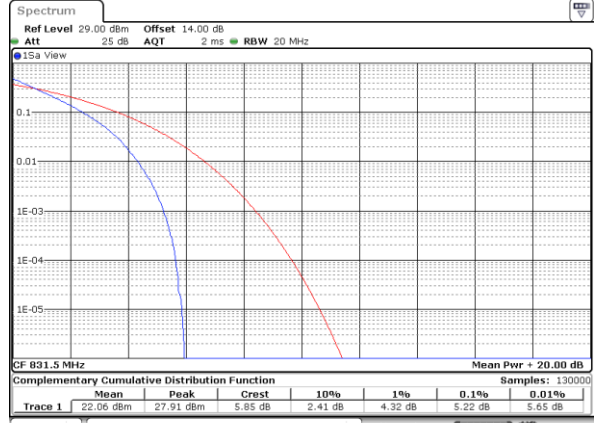
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



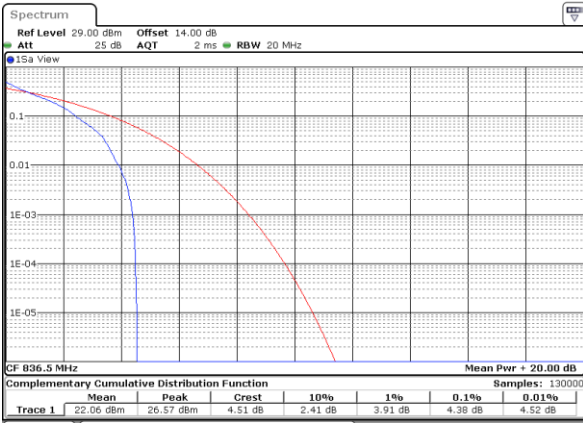
Date: 19_DEC.2021 15:50:02

Lowest Channel / Full RB



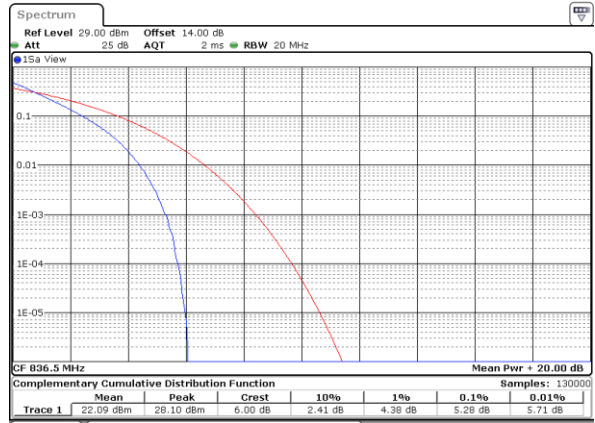
Date: 19_DEC.2021 15:51:06

Middle Channel / 1RB



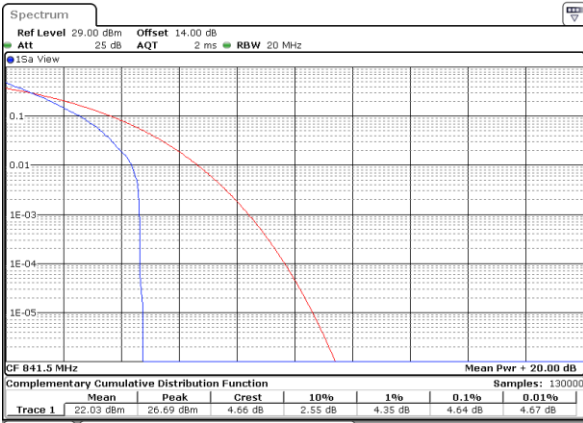
Date: 19_DEC.2021 15:52:02

Middle Channel / Full RB



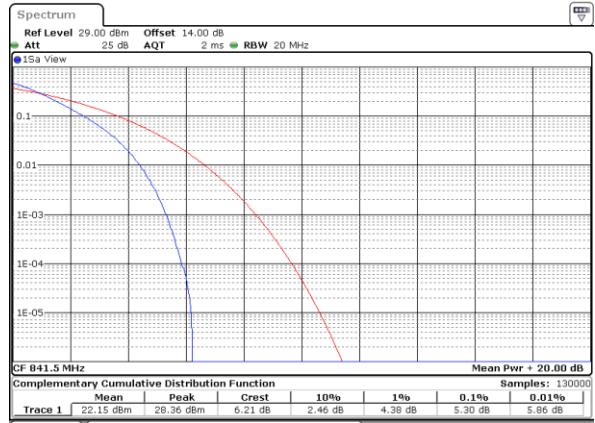
Date: 19_DEC.2021 15:53:17

Highest Channel / 1RB



Date: 19_DEC.2021 15:52:38

Highest Channel / Full RB

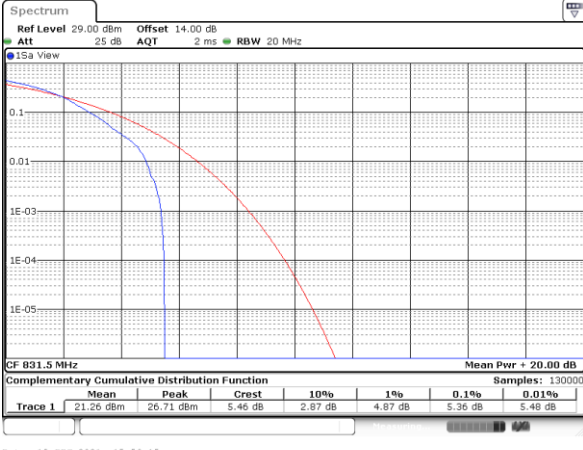


Date: 19_DEC.2021 15:53:41



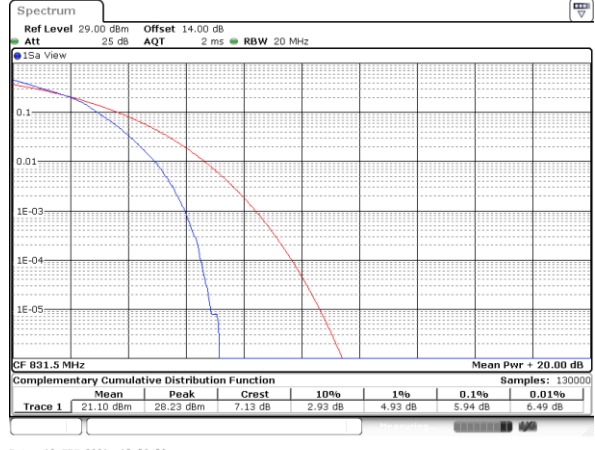
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



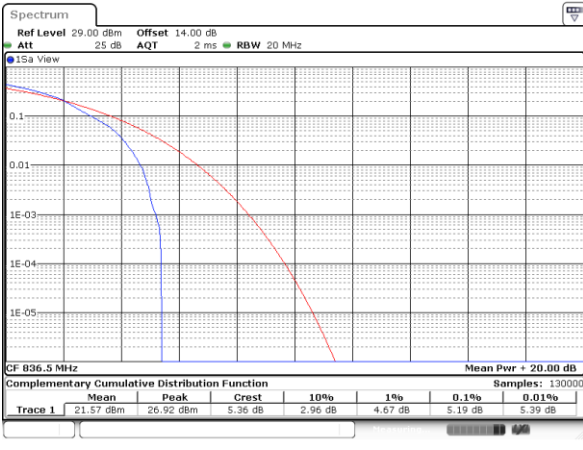
Date: 19_DEC.2021 15:50:15

Lowest Channel / Full RB



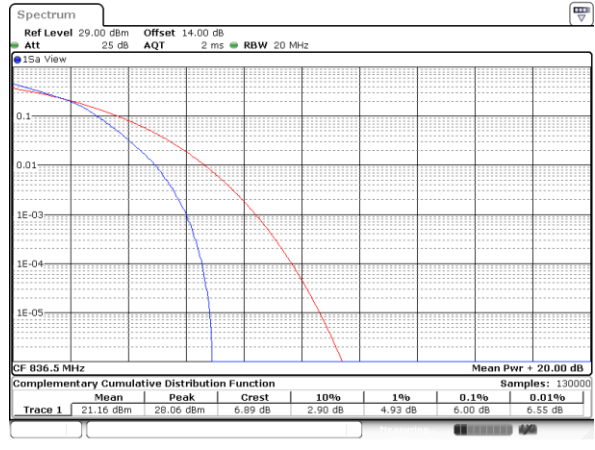
Date: 19_DEC.2021 15:50:53

Middle Channel / 1RB



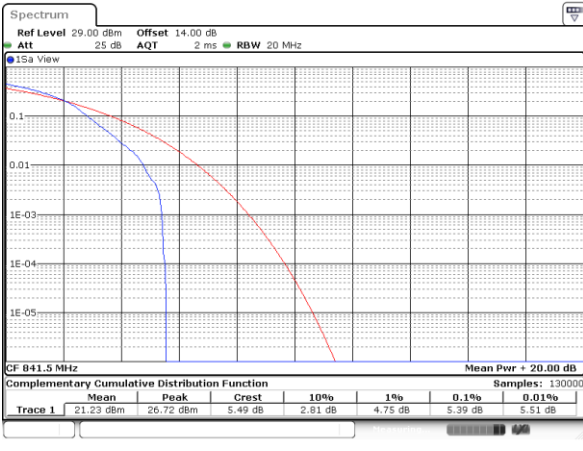
Date: 19_DEC.2021 15:52:08

Middle Channel / Full RB



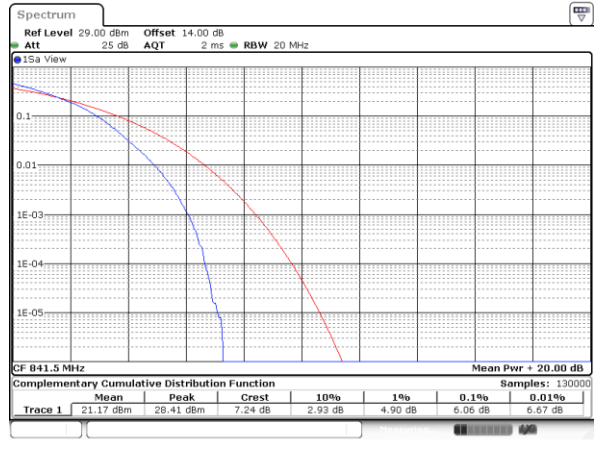
Date: 19_DEC.2021 15:51:30

Highest Channel / 1RB



Date: 19_DEC.2021 15:52:51

Highest Channel / Full RB

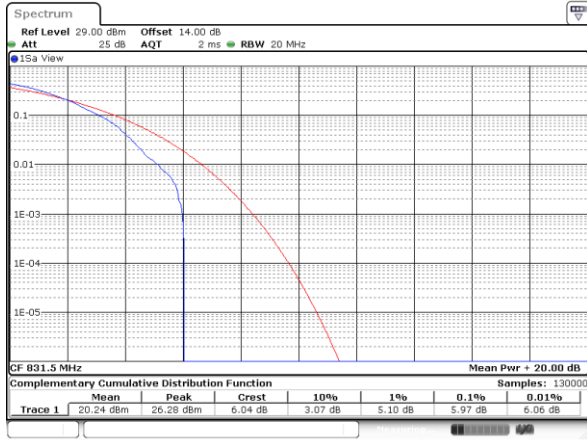


Date: 19_DEC.2021 15:53:29



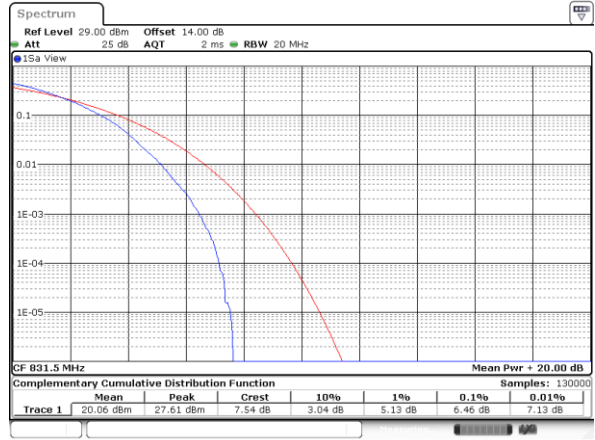
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



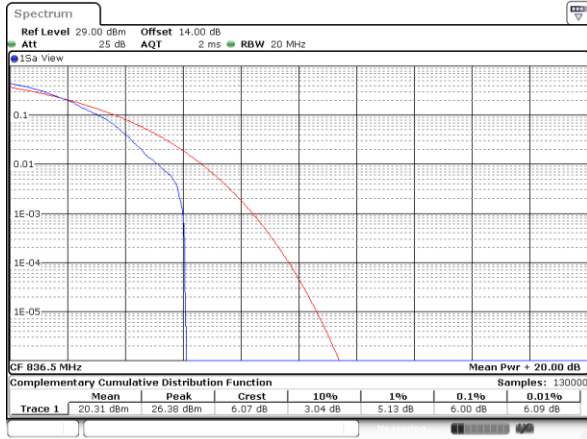
Date: 19_DEC.2021 15:50:27

Lowest Channel / Full RB



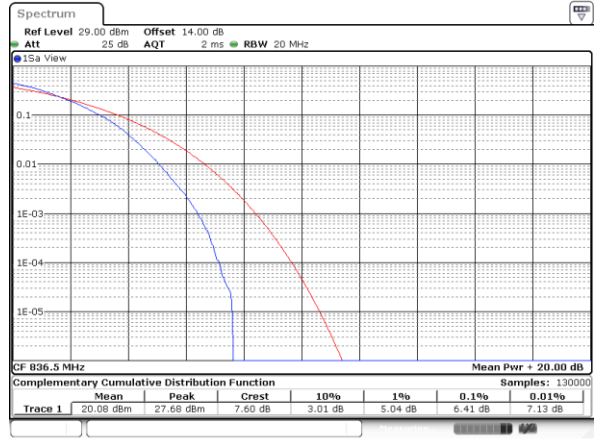
Date: 19_DEC.2021 15:50:40

Middle Channel / 1RB



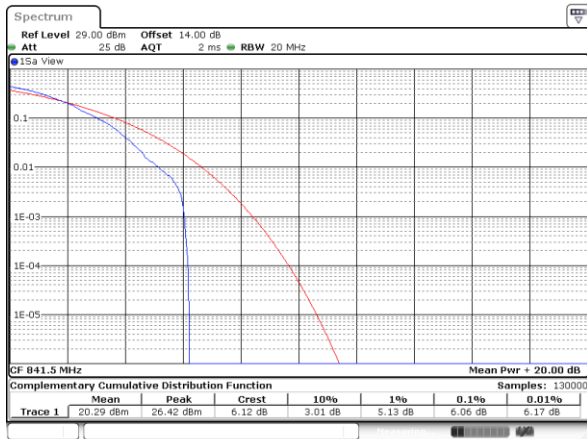
Date: 19_DEC.2021 15:51:55

Middle Channel / Full RB



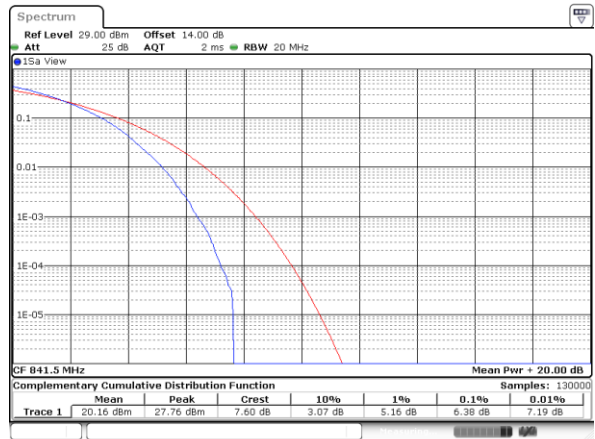
Date: 19_DEC.2021 15:51:42

Highest Channel / 1RB



Date: 19_DEC.2021 15:53:03

Highest Channel / Full RB



Date: 19_DEC.2021 15:53:16



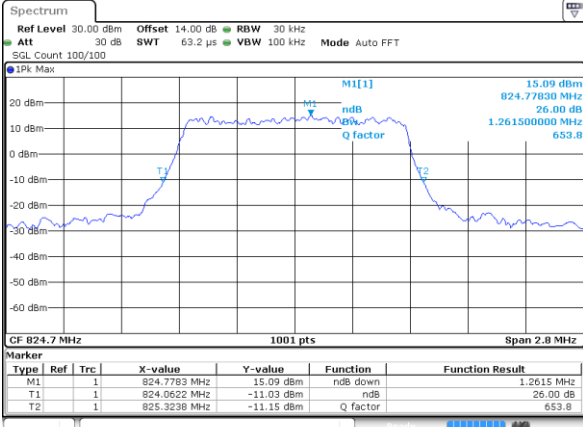
26dB Bandwidth

Mode	LTE Band 26 : 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	1.26	1.29	2.96	2.95	4.82	4.83	9.77	9.73	14.45	14.33	-	-
Middle CH	1.28	1.30	2.96	2.95	4.85	4.80	9.65	9.67	14.27	14.42	-	-
Highest CH	1.27	1.30	2.96	2.98	4.83	4.87	9.63	9.73	14.33	14.48	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.26	-	2.96	-	4.80	-	9.83	-	14.39	-	-	-
Middle CH	1.26	-	2.96	-	4.86	-	9.81	-	14.30	-	-	-
Highest CH	1.28	-	2.97	-	4.86	-	9.91	-	14.42	-	-	-



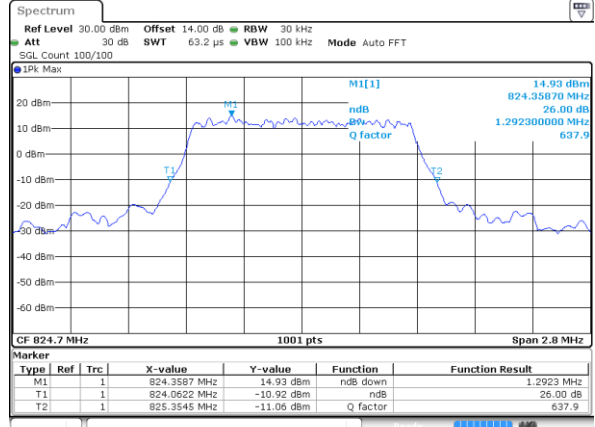
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



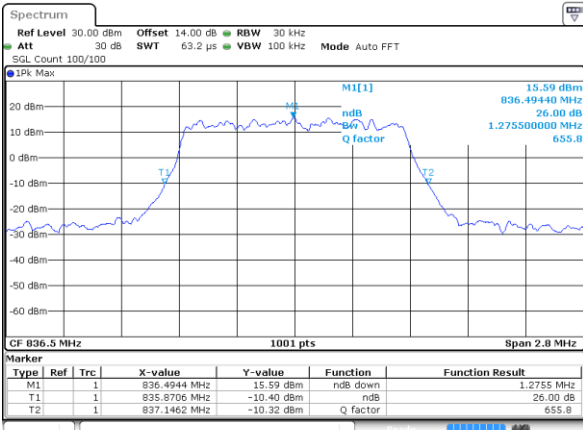
Date: 19 DEC 2021 13:23:18

Lowest Channel / 1.4MHz / 16QAM



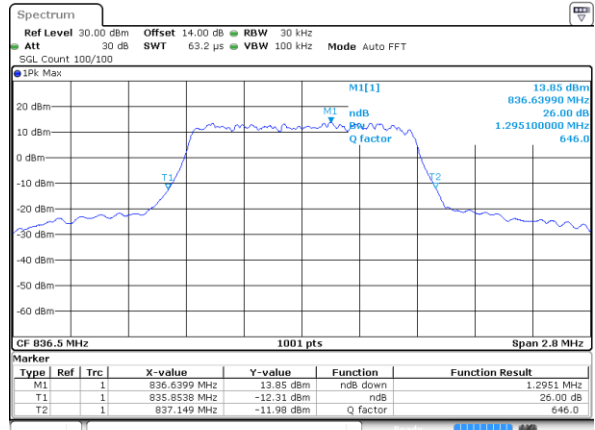
Date: 19 DEC 2021 13:22:54

Middle Channel / 1.4MHz / QPSK



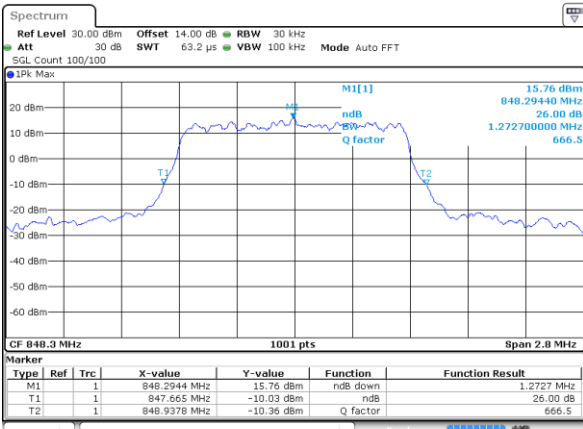
Date: 19 DEC 2021 13:34:19

Middle Channel / 1.4MHz / 16QAM



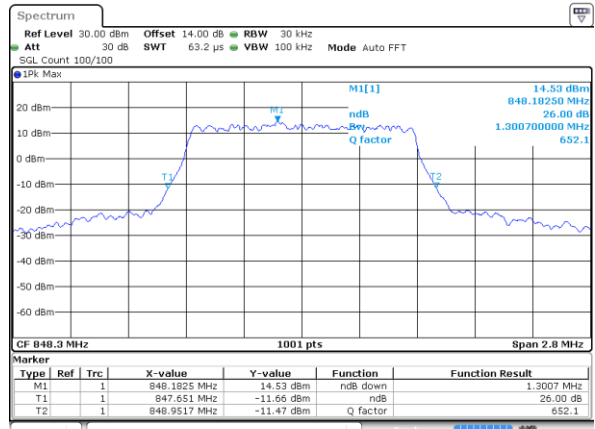
Date: 19 DEC 2021 13:33:55

Highest Channel / 1.4MHz / QPSK



Date: 19 DEC 2021 13:38:10

Highest Channel / 1.4MHz / 16QAM

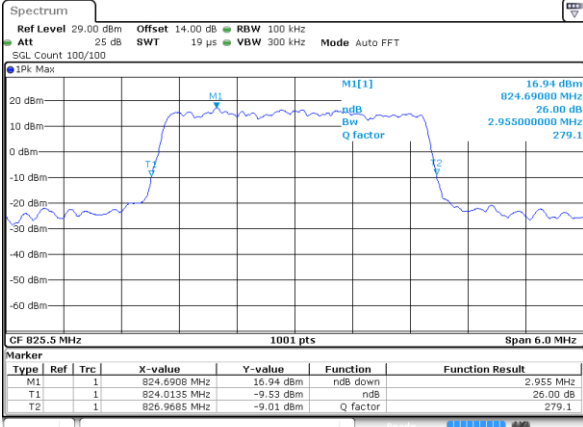


Date: 19 DEC 2021 13:37:46



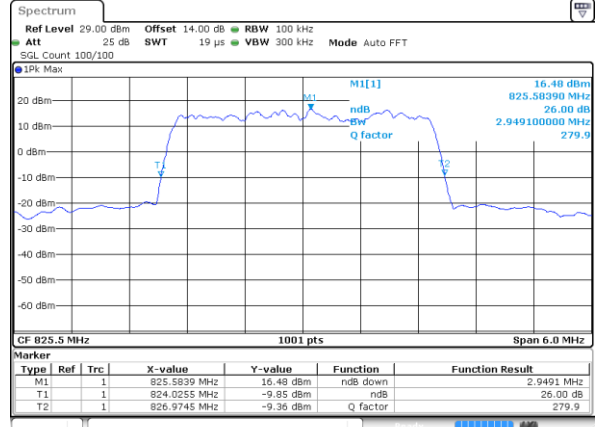
LTE Band 26

Lowest Channel / 3MHz / QPSK



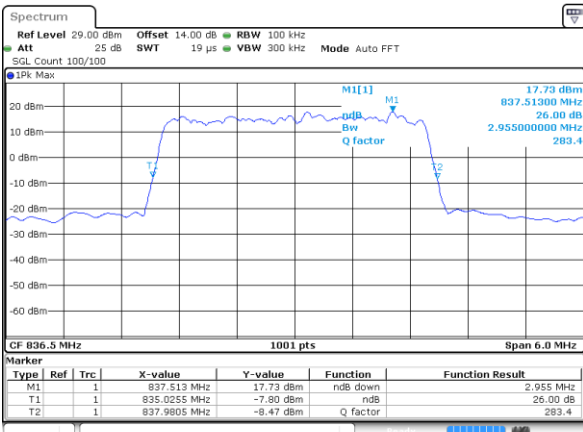
Date: 18 DEC 2021 01:14:59

Lowest Channel / 3MHz / 16QAM



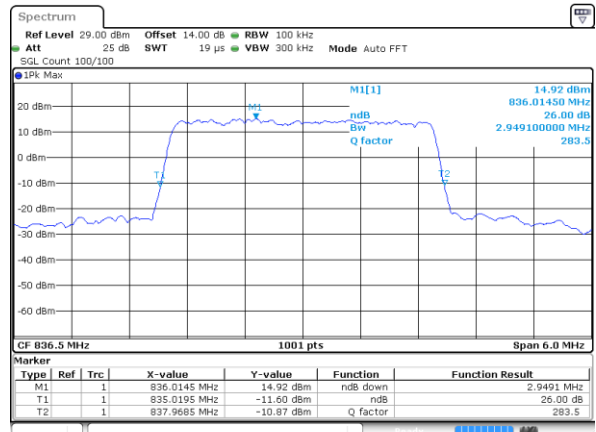
Date: 18 DEC 2021 01:14:48

Middle Channel / 3MHz / QPSK



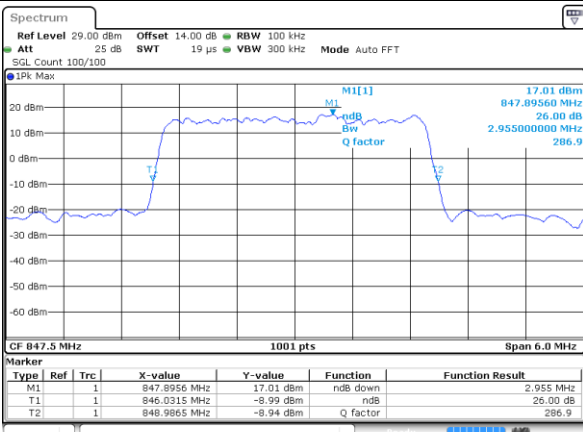
Date: 18 DEC 2021 01:25:26

Middle Channel / 3MHz / 16QAM



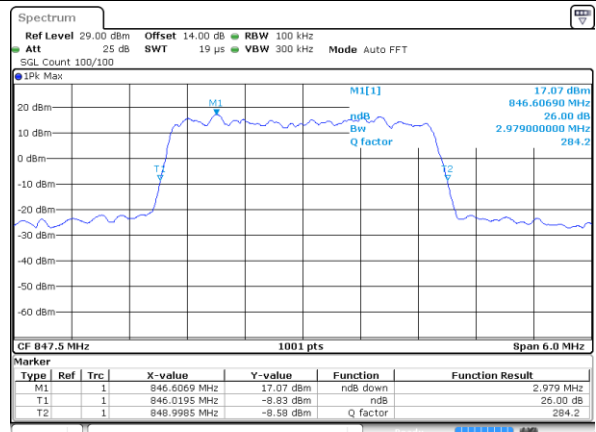
Date: 18 DEC 2021 01:25:15

Highest Channel / 3MHz / QPSK



Date: 18 DEC 2021 01:28:38

Highest Channel / 3MHz / 16QAM

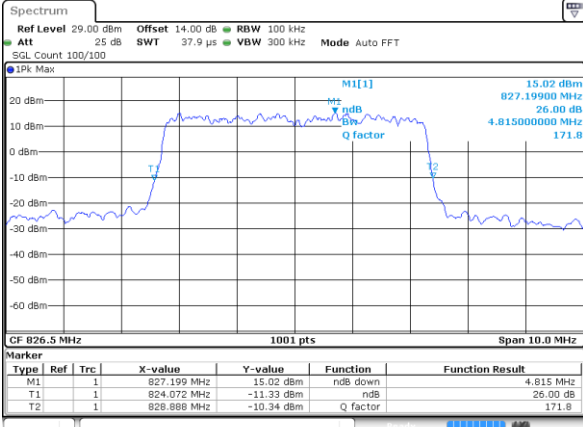


Date: 18 DEC 2021 01:28:27



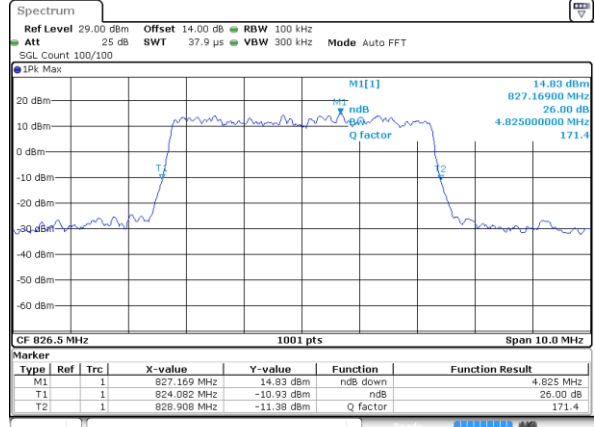
LTE Band 26

Lowest Channel / 5MHz / QPSK



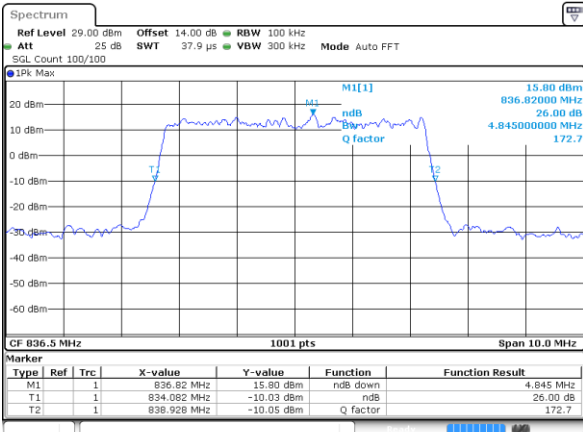
Date: 18 DEC 2021 01:39:05

Lowest Channel / 5MHz / 16QAM



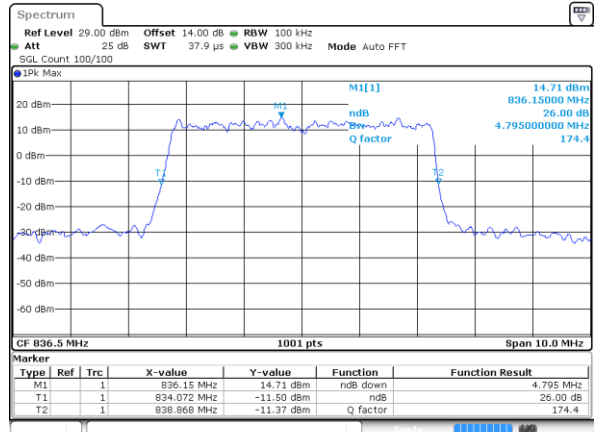
Date: 18 DEC 2021 01:38:54

Middle Channel / 5MHz / QPSK



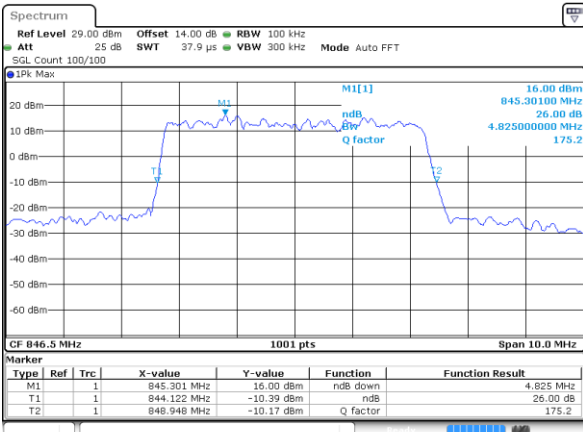
Date: 18 DEC 2021 01:49:32

Middle Channel / 5MHz / 16QAM



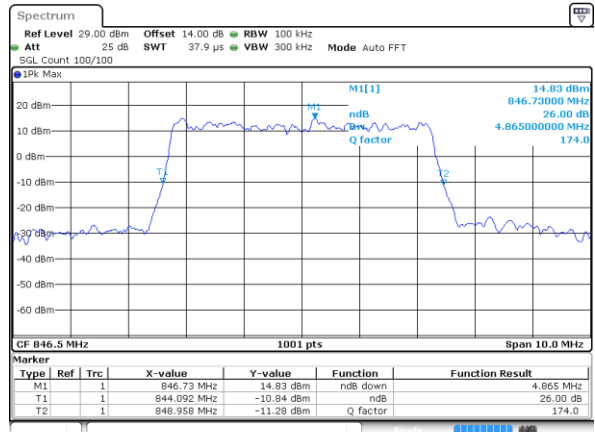
Date: 18 DEC 2021 01:49:21

Highest Channel / 5MHz / QPSK



Date: 18 DEC 2021 01:52:43

Highest Channel / 5MHz / 16QAM

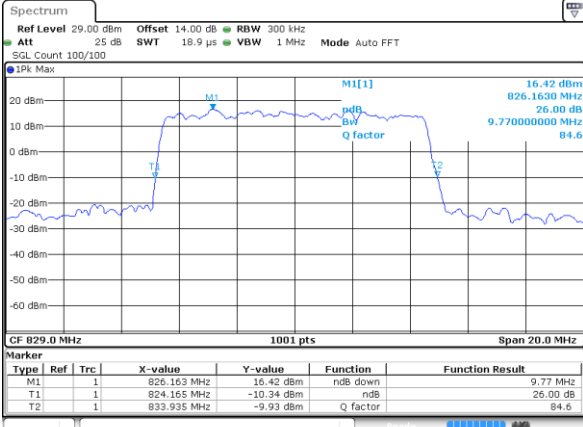


Date: 18 DEC 2021 01:52:32



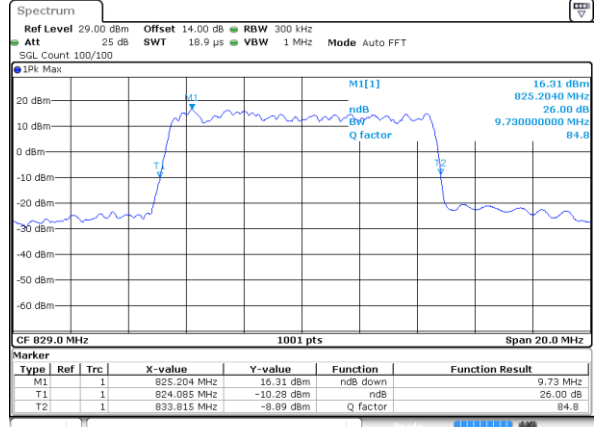
LTE Band 26

Lowest Channel / 10MHz / QPSK



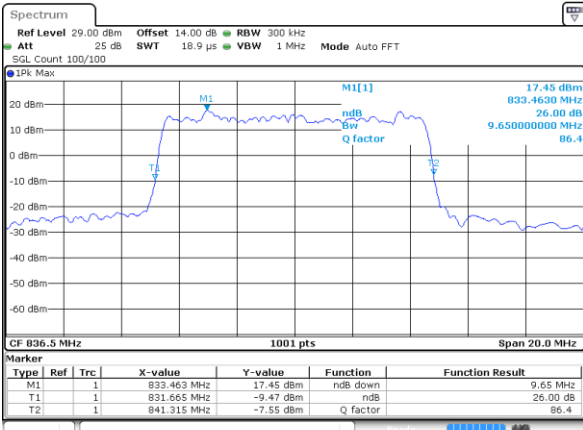
Date: 18 DEC 2021 02:03:10

Lowest Channel / 10MHz / 16QAM



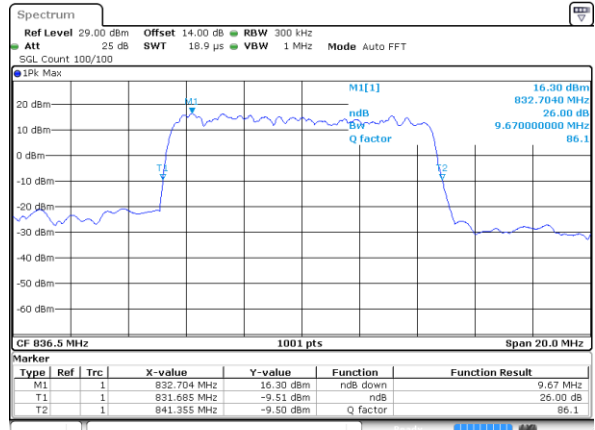
Date: 18 DEC 2021 02:02:59

Middle Channel / 10MHz / QPSK



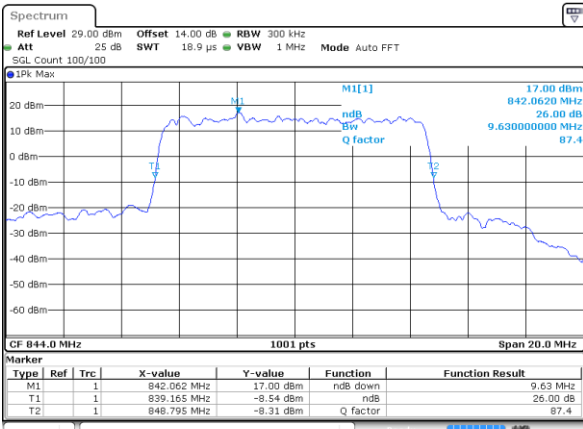
Date: 18 DEC 2021 02:13:37

Middle Channel / 10MHz / 16QAM



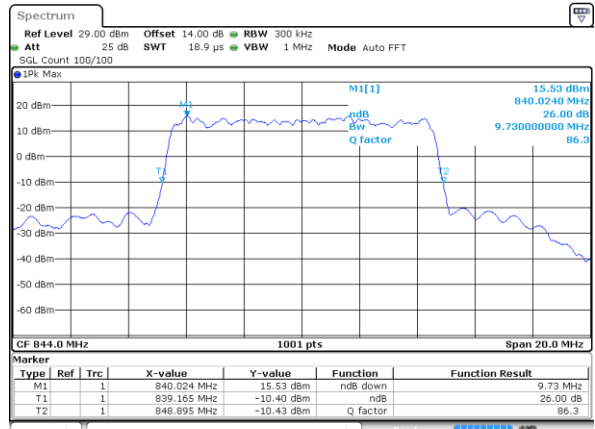
Date: 18 DEC 2021 02:13:26

Highest Channel / 10MHz / QPSK



Date: 18 DEC 2021 02:16:48

Highest Channel / 10MHz / 16QAM

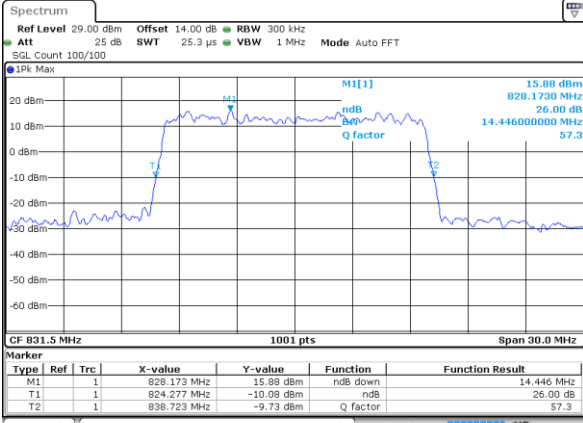


Date: 18 DEC 2021 02:16:38



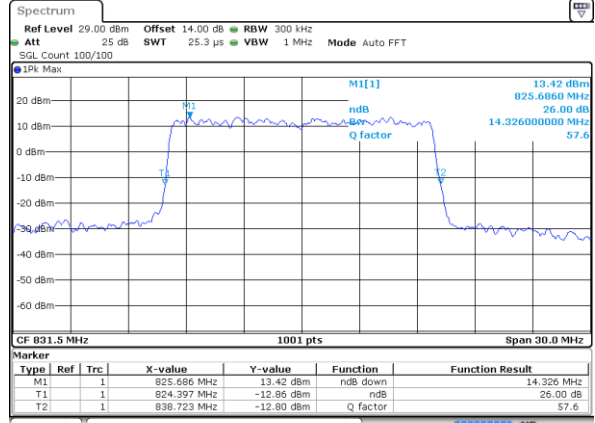
LTE Band 26

Lowest Channel / 15MHz / QPSK



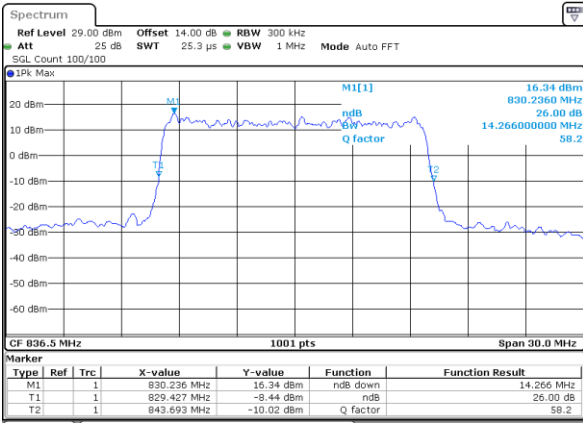
Date: 18 DEC 2021 02:27:15

Lowest Channel / 15MHz / 16QAM



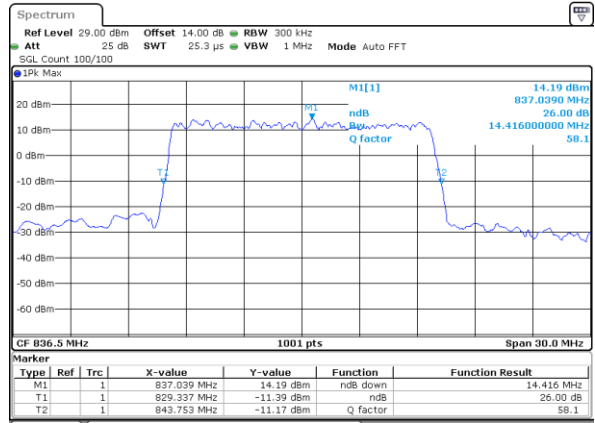
Date: 18 DEC 2021 02:27:05

Middle Channel / 15MHz / QPSK



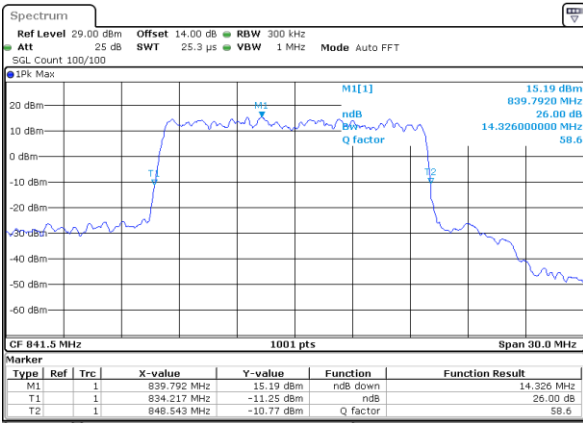
Date: 18 DEC 2021 02:37:43

Middle Channel / 15MHz / 16QAM



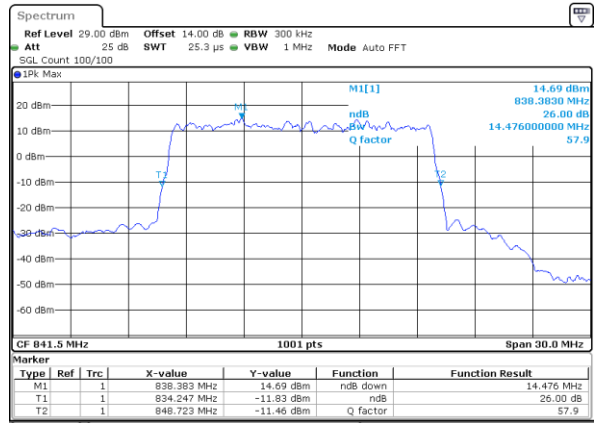
Date: 18 DEC 2021 02:37:32

Highest Channel / 15MHz / QPSK



Date: 18 DEC 2021 02:40:54

Highest Channel / 15MHz / 16QAM

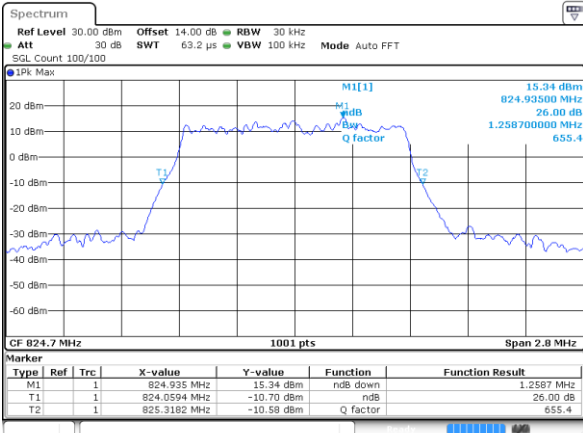


Date: 18 DEC 2021 02:40:43



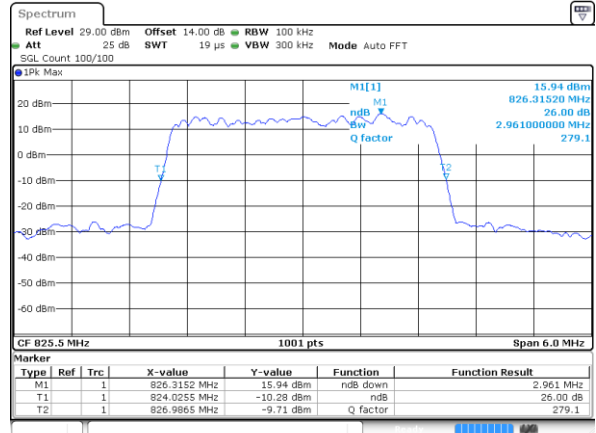
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



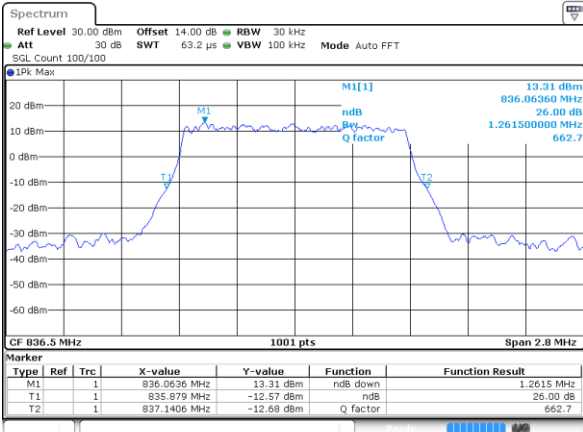
Date: 19 DEC 2021 13:48:42

Lowest Channel / 3MHz / 64QAM



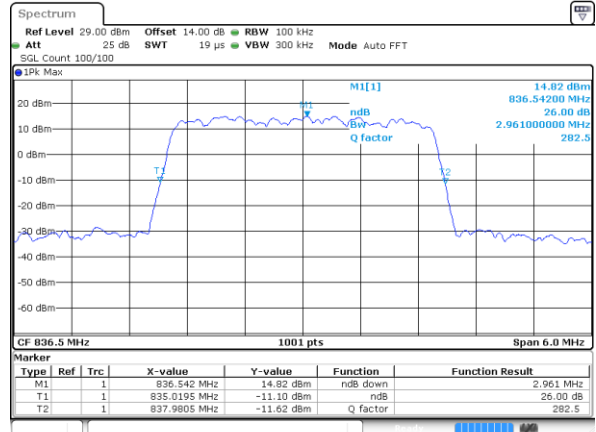
Date: 18 DEC 2021 00:28:25

Middle Channel / 1.4MHz / 64QAM



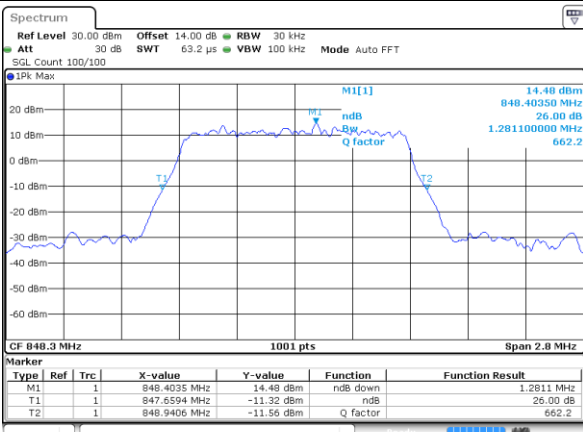
Date: 19 DEC 2021 13:53:58

Middle Channel / 3MHz / 64QAM



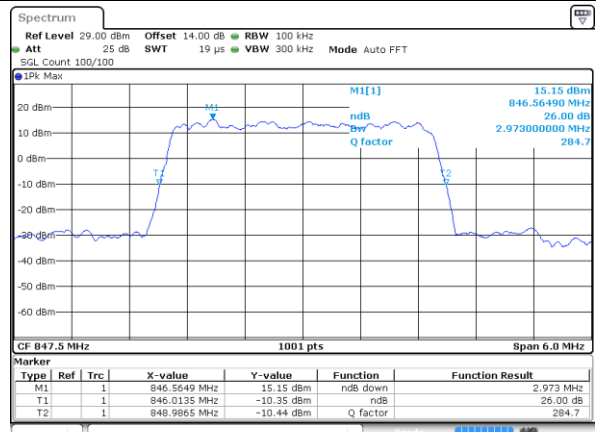
Date: 18 DEC 2021 00:31:39

Highest Channel / 1.4MHz / 64QAM



Date: 19 DEC 2021 13:55:49

Highest Channel / 3MHz / 64QAM

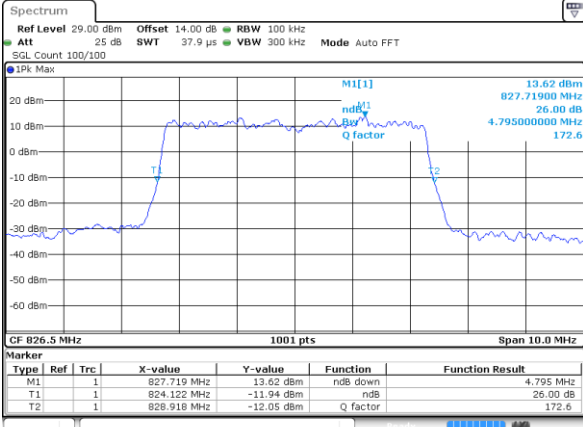


Date: 18 DEC 2021 00:33:15



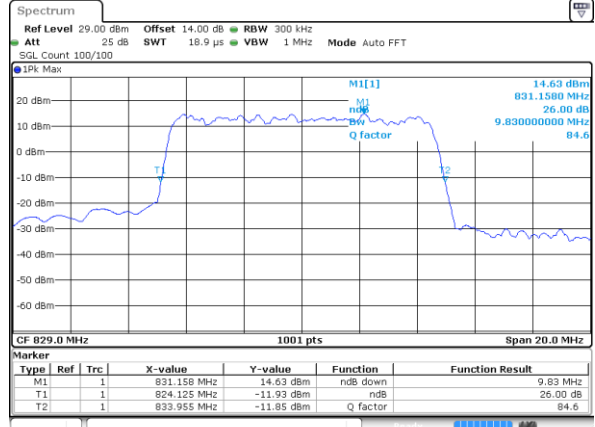
LTE Band 26

Lowest Channel / 5MHz / 64QAM



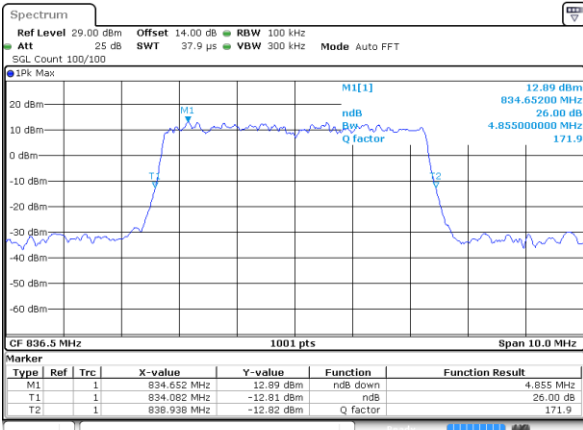
Date: 18 DEC 2021 00:38:28

Lowest Channel / 10MHz / 64QAM



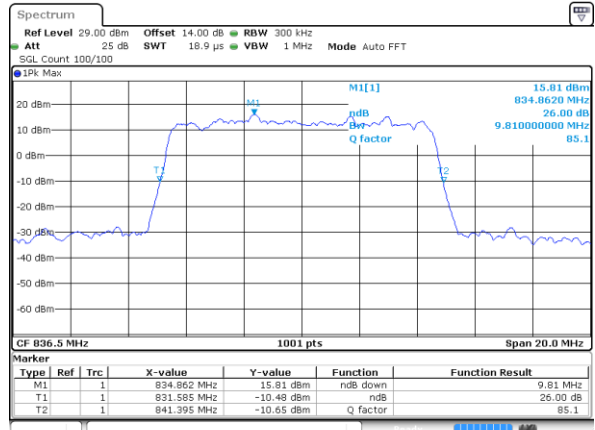
Date: 18 DEC 2021 00:50:31

Middle Channel / 5MHz / 64QAM



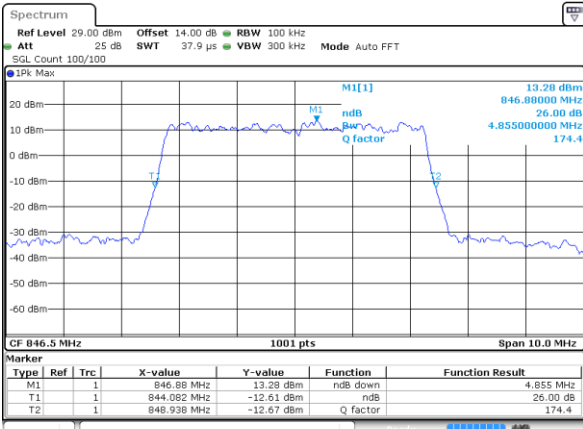
Date: 18 DEC 2021 00:43:42

Middle Channel / 10MHz / 64QAM



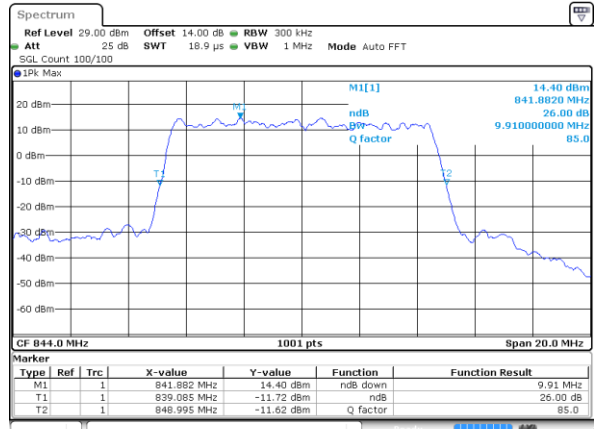
Date: 18 DEC 2021 00:55:45

Highest Channel / 5MHz / 64QAM



Date: 18 DEC 2021 00:45:18

Highest Channel / 10MHz / 64QAM



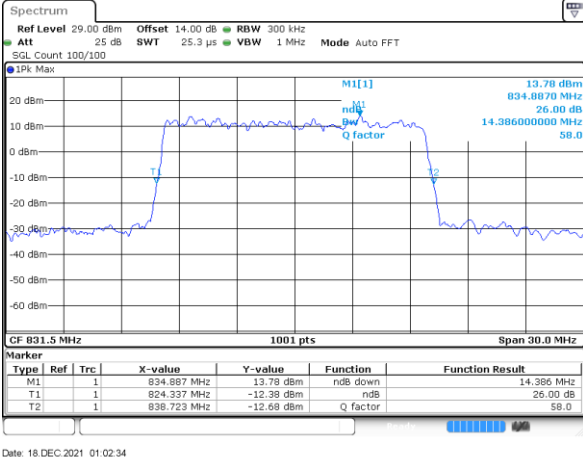
Date: 18 DEC 2021 00:57:20



LTE Band 26

Lowest Channel / 15MHz / 64QAM

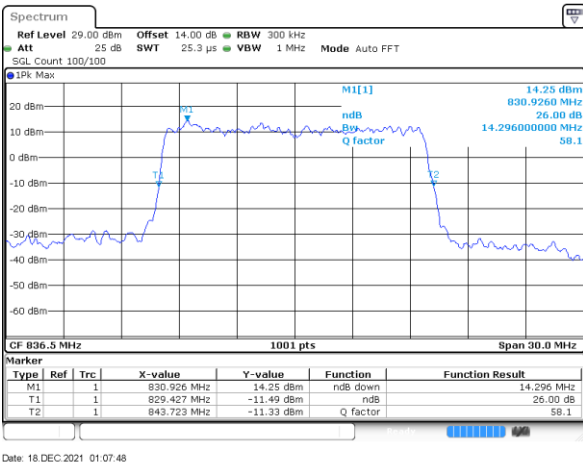
N/A



N/A

Middle Channel / 15MHz / 64QAM

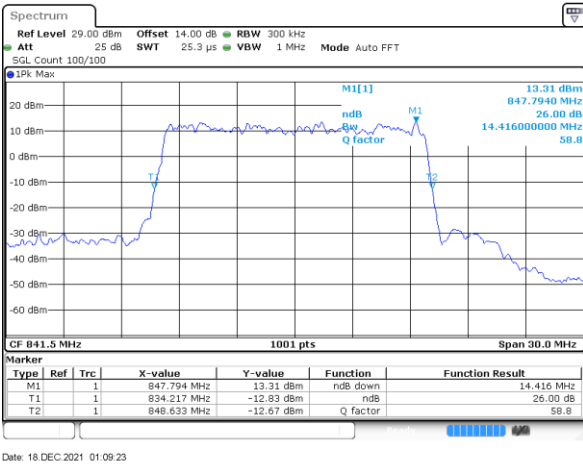
N/A



N/A

Highest Channel / 15MHz / 64QAM

N/A



N/A



Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.71	4.50	4.48	9.05	9.01	13.43	13.40	13.40	13.43
Middle CH	1.09	1.10	2.72	2.72	4.49	4.49	9.03	8.99	13.49	13.46	-	-
Highest CH	1.09	1.10	2.72	2.70	4.52	4.48	9.03	8.99	13.46	13.43	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.70	-	4.50	-	9.03	-	13.40	-	13.52	-
Middle CH	1.09	-	2.72	-	4.50	-	9.05	-	13.43	-	-	-
Highest CH	1.09	-	2.72	-	4.48	-	9.11	-	13.46	-	-	-