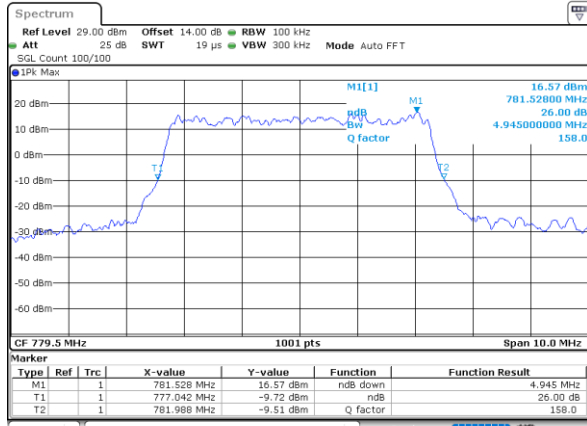




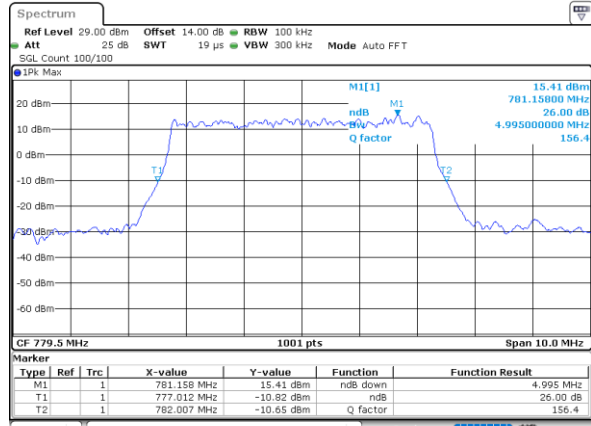
LTE Band 13

Lowest Channel / 5MHz / QPSK



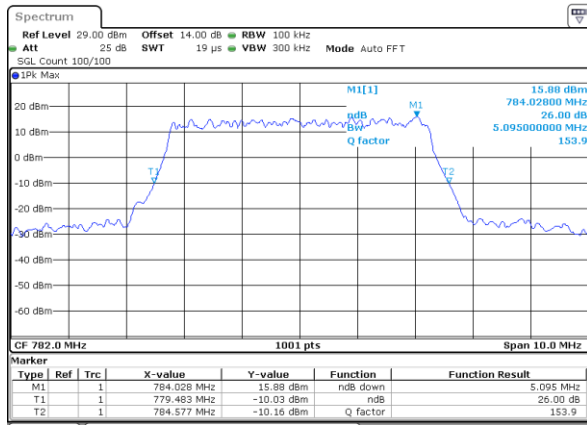
Date: 16,DEC,2021 23:56:33

Lowest Channel / 5MHz / 16QAM



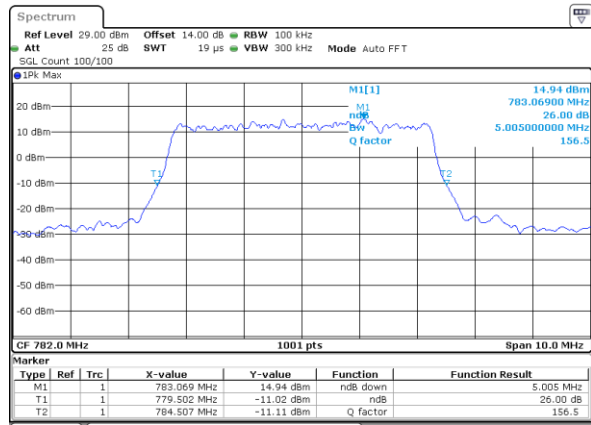
Date: 16,DEC,2021 23:56:22

Middle Channel / 5MHz / QPSK



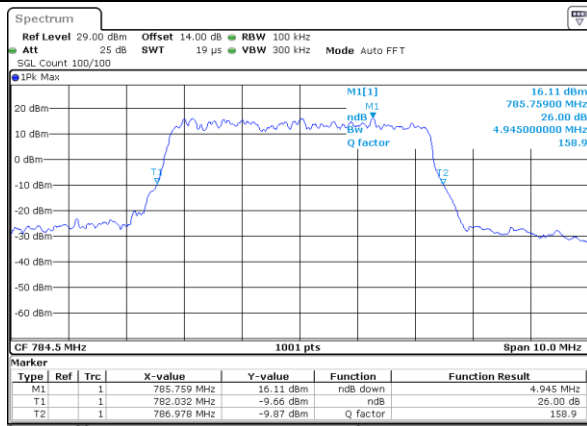
Date: 17,DEC,2021 00:07:16

Middle Channel / 5MHz / 16QAM



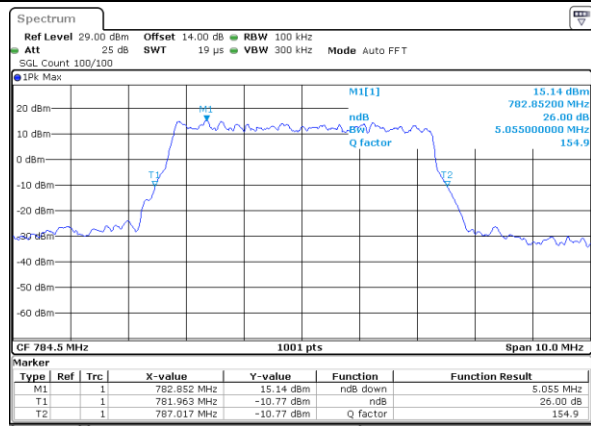
Date: 17,DEC,2021 00:07:27

Highest Channel / 5MHz / QPSK



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

Highest Channel / 5MHz / 16QAM

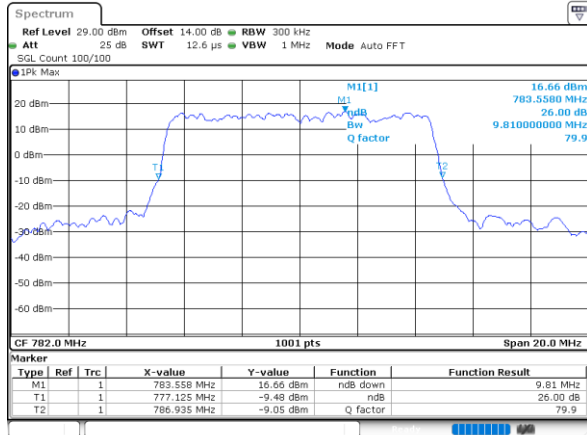


Date: 17,DEC,2021 00:08:22



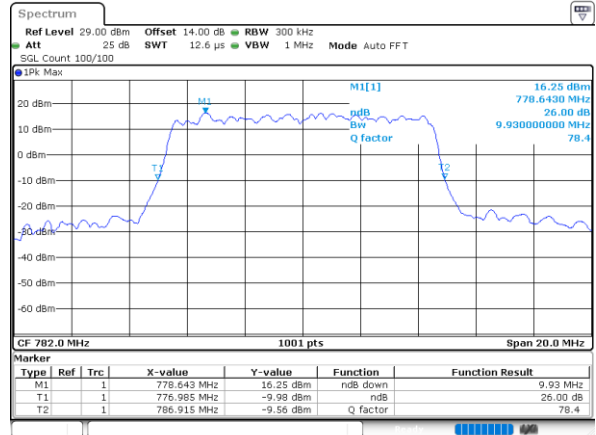
LTE Band 13

Middle Channel / 10MHz / QPSK



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

Middle Channel / 10MHz / 16QAM



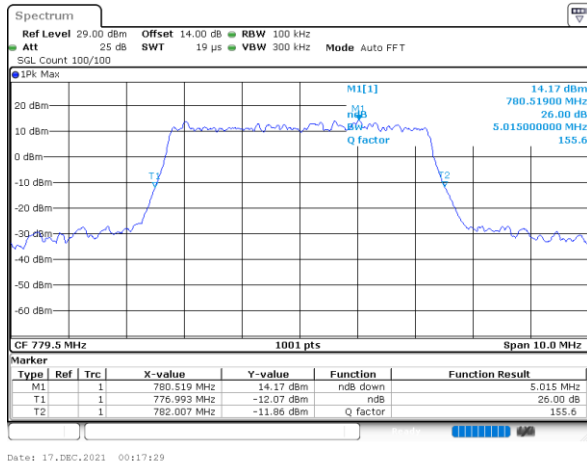
Date: 17, DEC, 2021 00:28:18



LTE Band 13

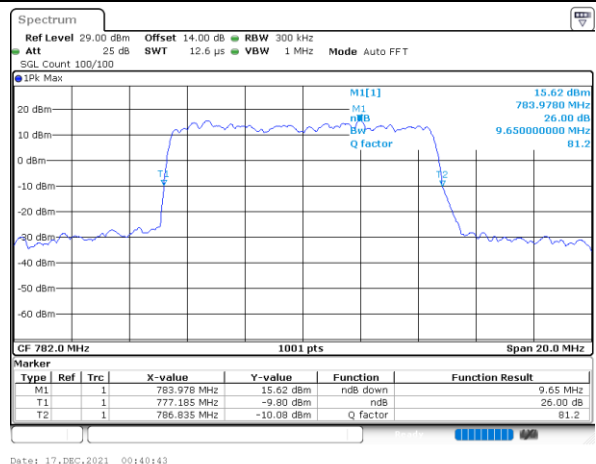
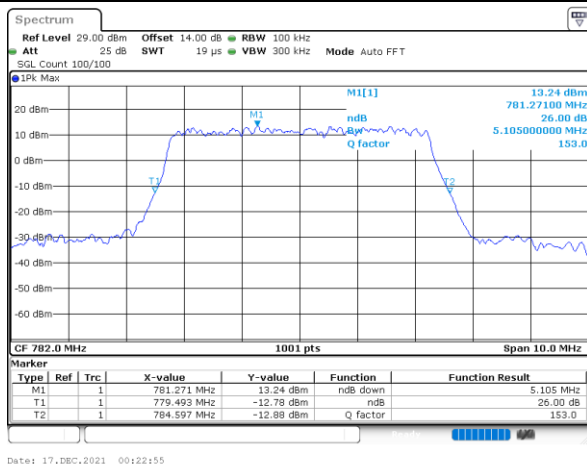
Lowest Channel / 5MHz / 64QAM

N/A



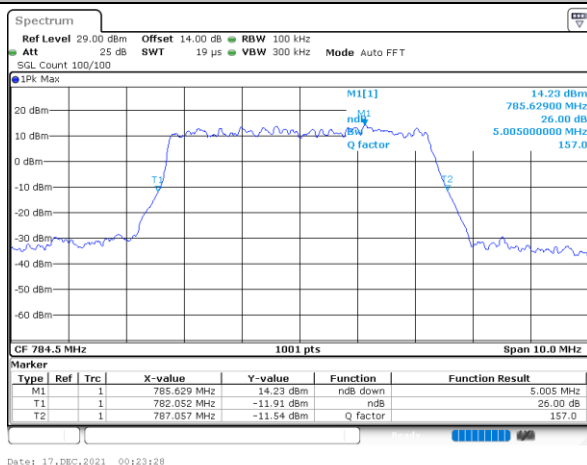
Middle Channel / 5MHz / 64QAM

Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

N/A



N/A

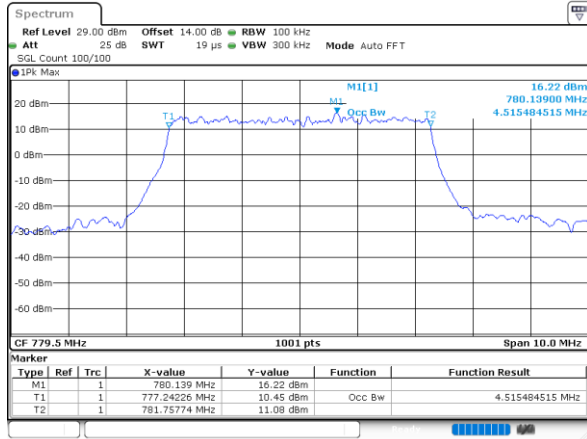
**Occupied Bandwidth**

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	-	-	-	-	-	-	-

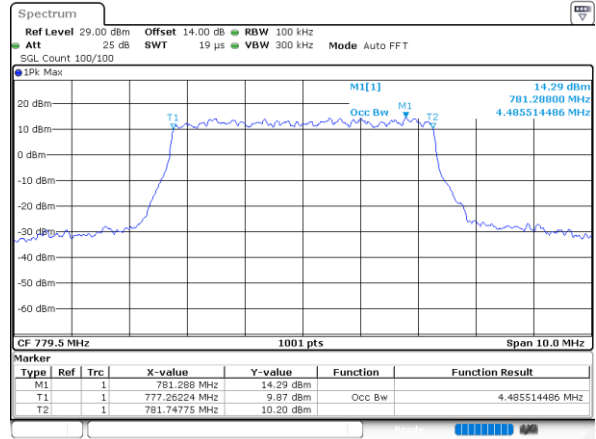


LTE Band 13

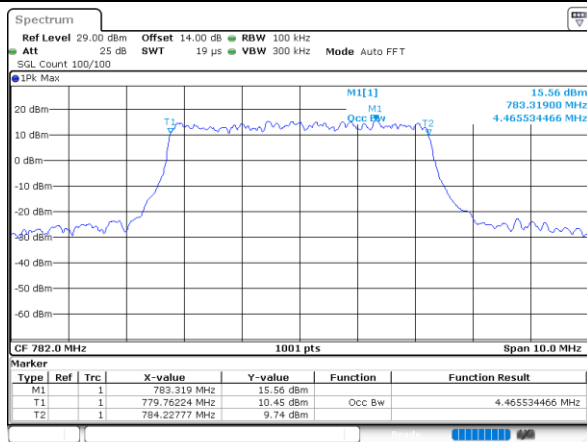
Lowest Channel / 5MHz / QPSK



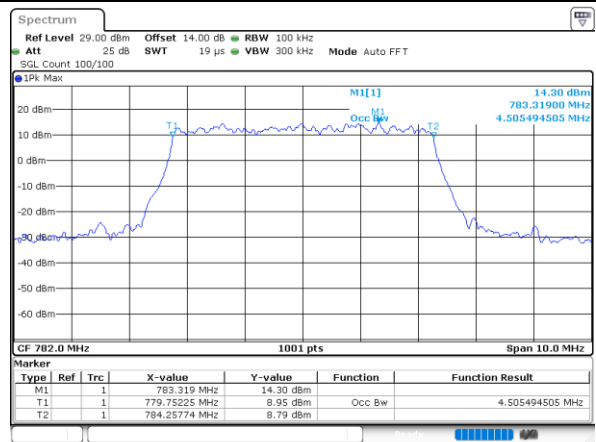
Lowest Channel / 5MHz / 16QAM



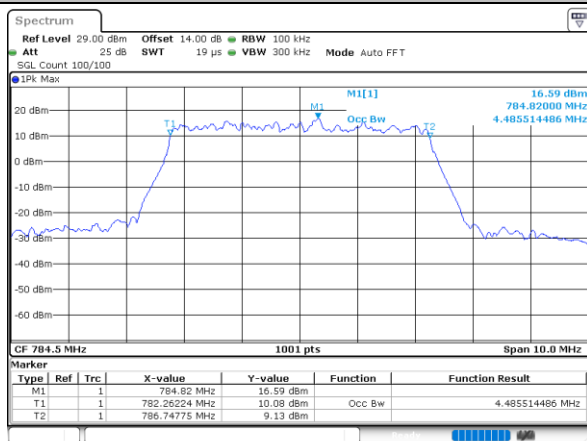
Middle Channel / 5MHz / QPSK



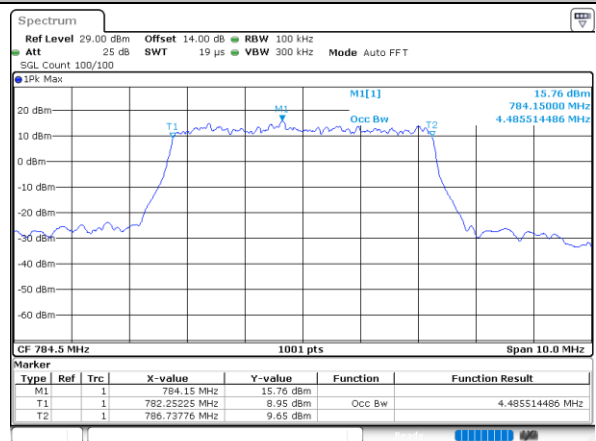
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



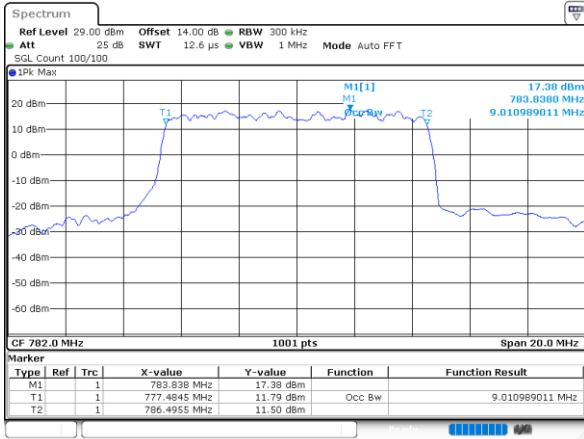
Highest Channel / 5MHz / 16QAM





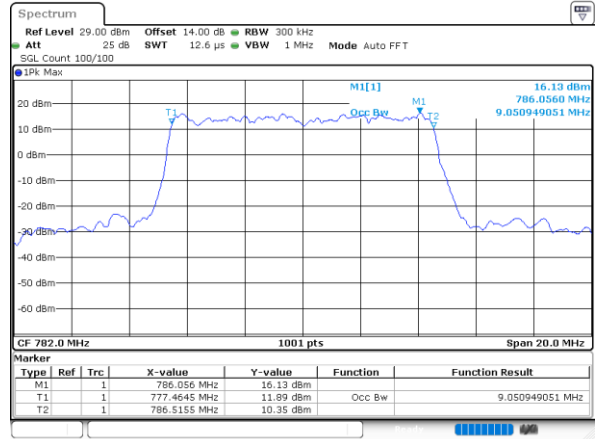
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 17.DEC.2021 00:27:56

Middle Channel / 10MHz / 16QAM



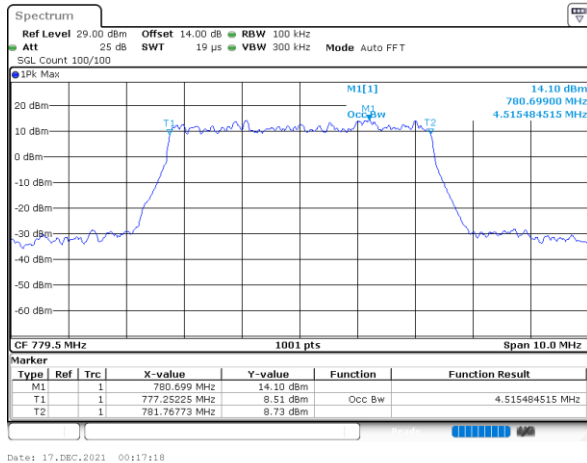
Date: 17.DEC.2021 00:28:07



LTE Band 13

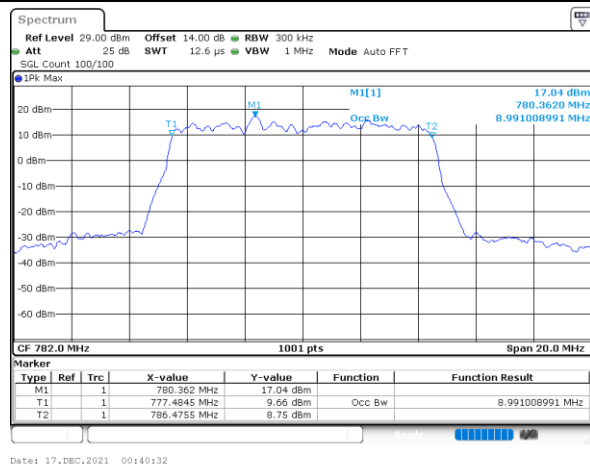
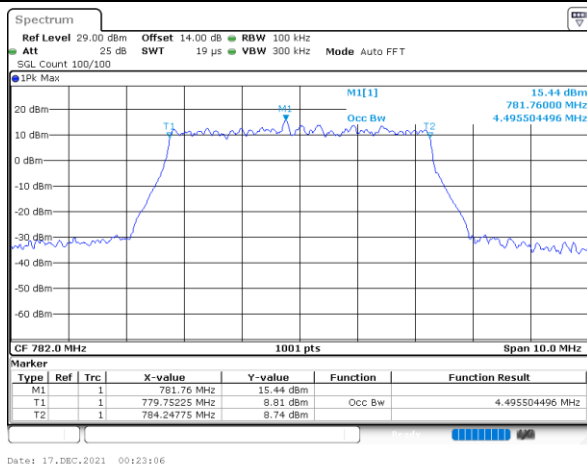
Lowest Channel / 5MHz / 64QAM

N/A



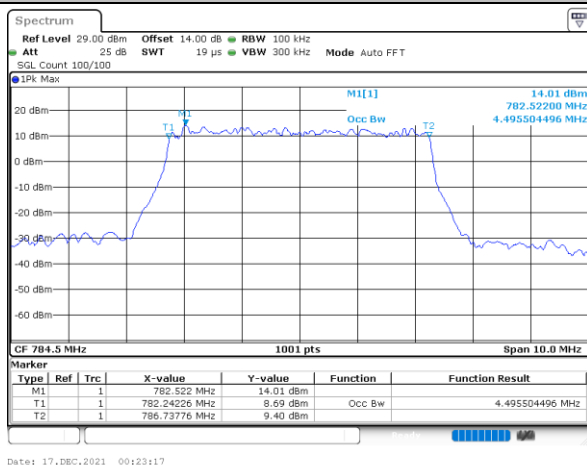
Middle Channel / 5MHz / 64QAM

Middle Channel / 10MHz / 64QAM

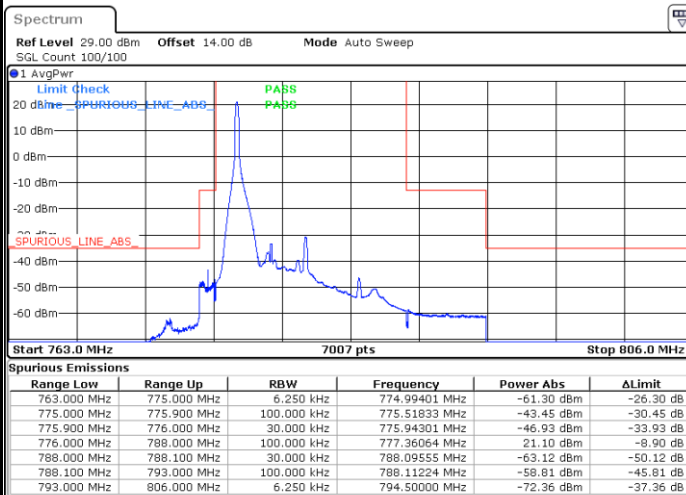
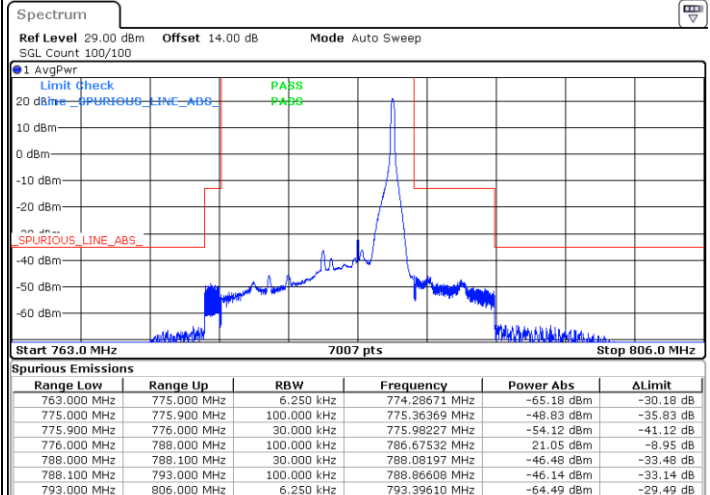
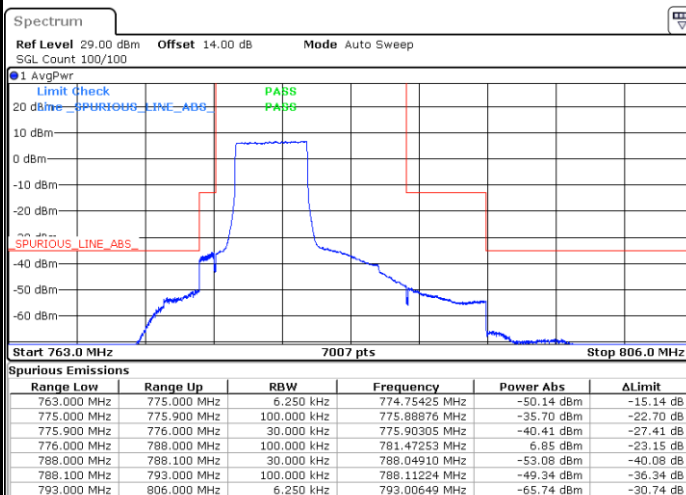
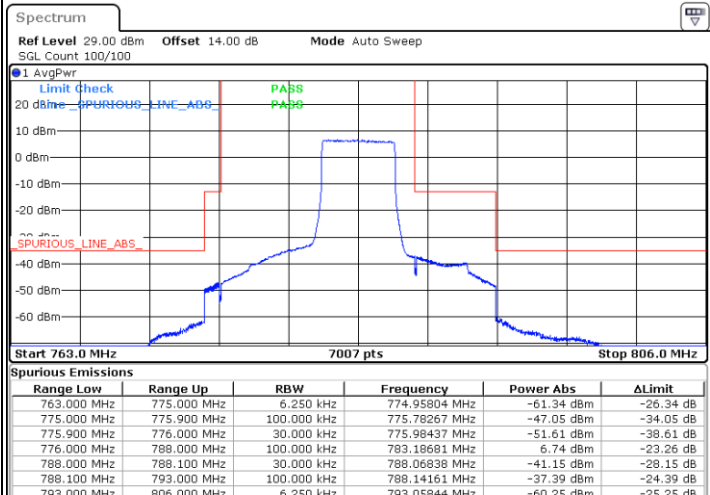


Highest Channel / 5MHz / 64QAM

N/A



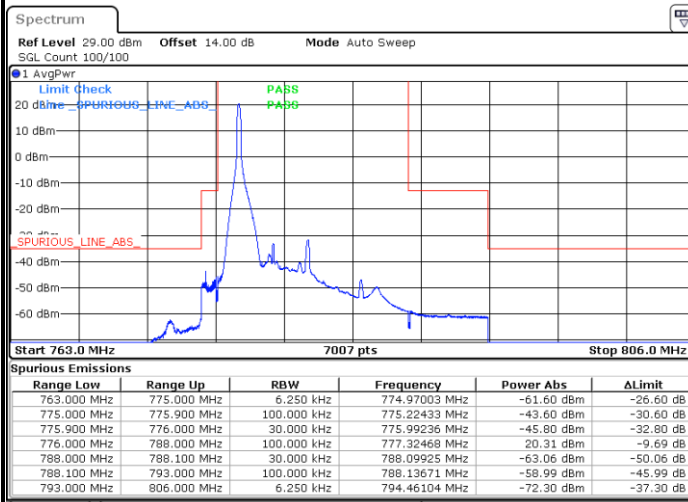
N/A

**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



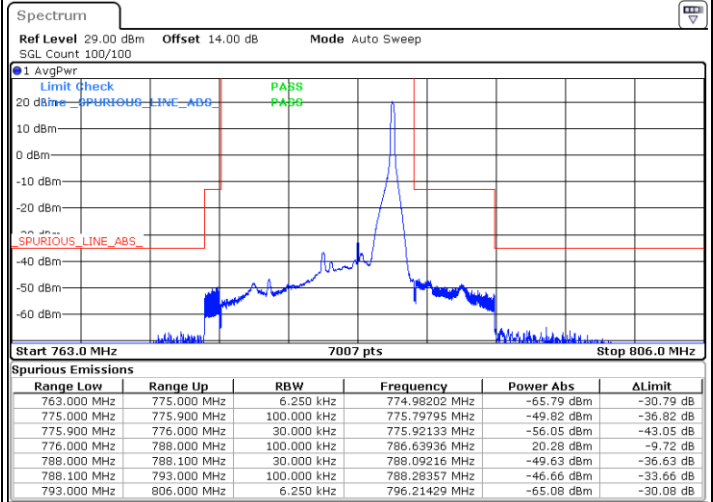
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



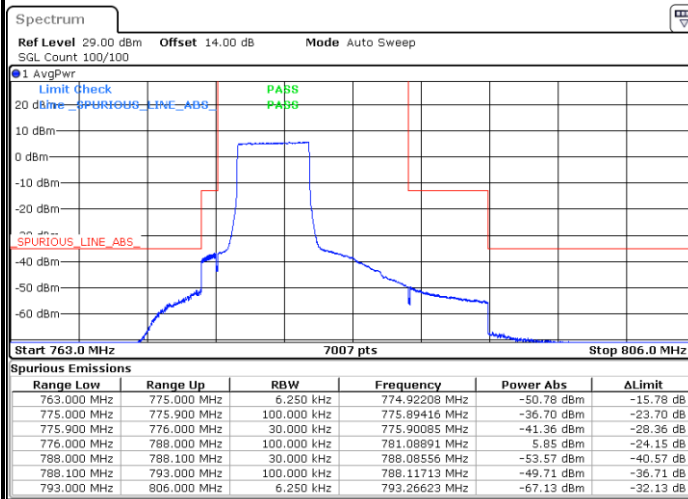
Date: 17.DEC.2021 00:01:30

Highest Band Edge / 1 RB



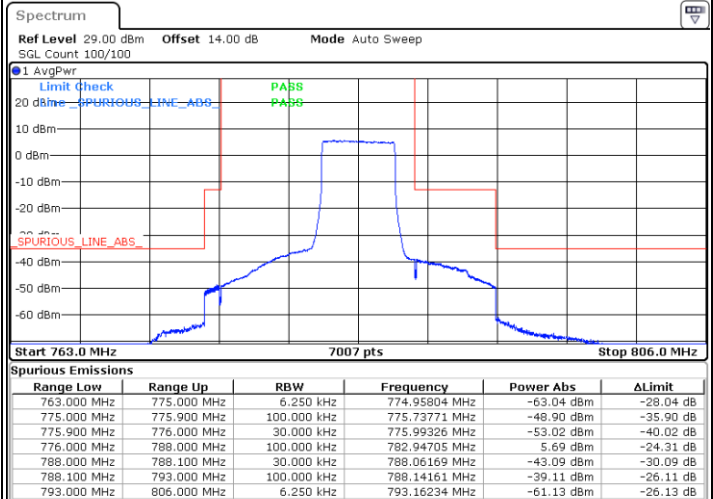
Date: 17.DEC.2021 00:13:30

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB

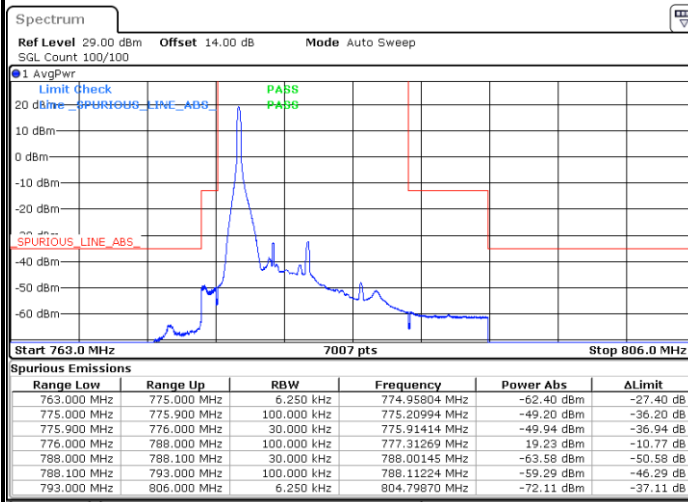


Date: 17.DEC.2021 00:11:50



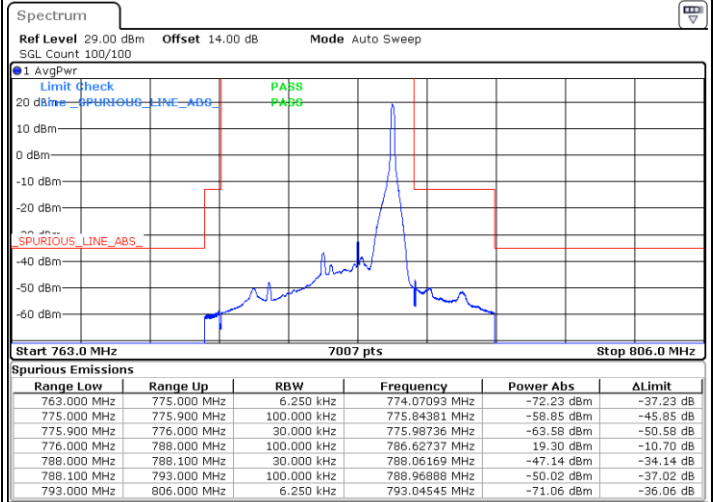
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



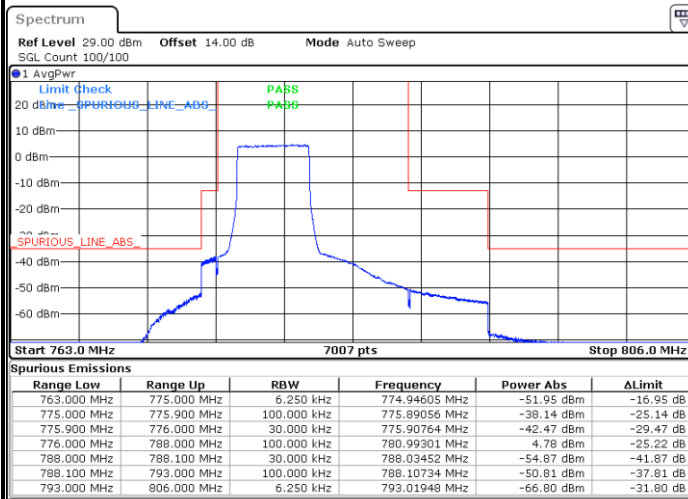
Date: 17.DEC.2021 00:20:46

Highest Band Edge / 1 RB



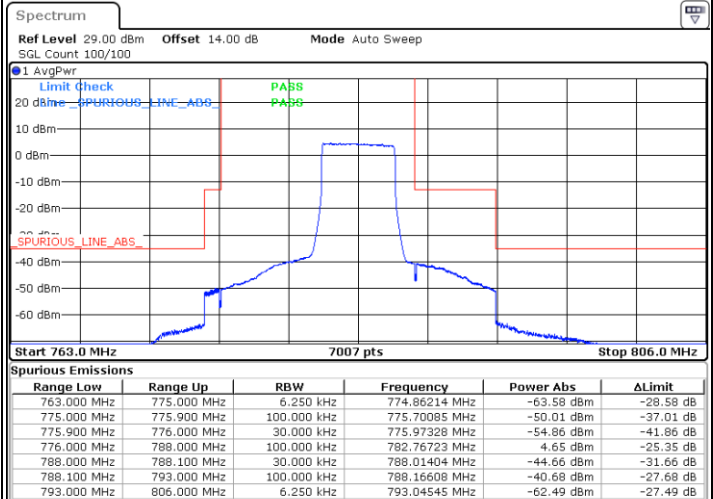
Date: 17.DEC.2021 00:26:46

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB

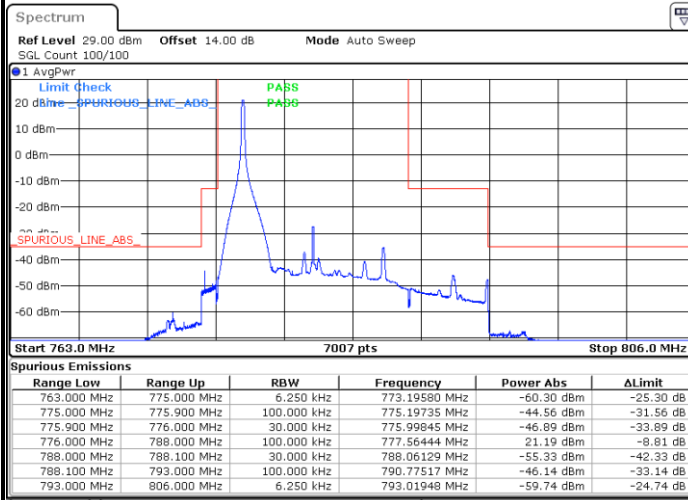


Date: 17.DEC.2021 00:25:07



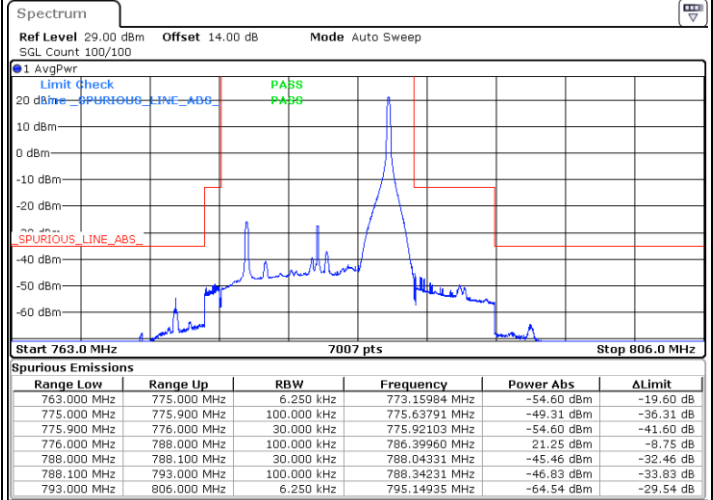
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



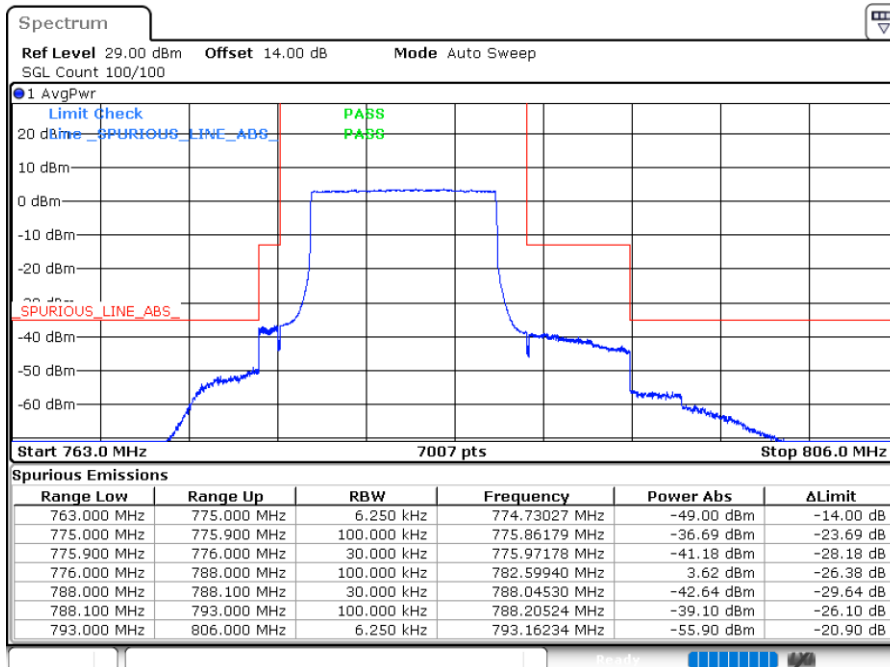
Date: 17.DEC.2021 00:35:05

Highest Band Edge / 1 RB



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

Band Edge / Full RB

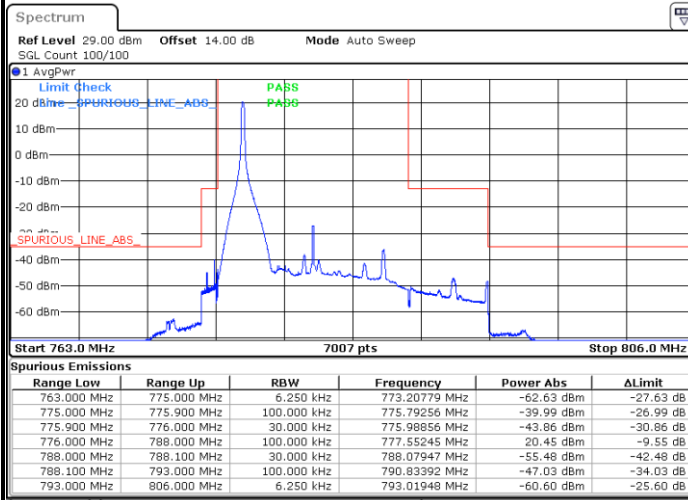


Date: 17.DEC.2021 00:30:08



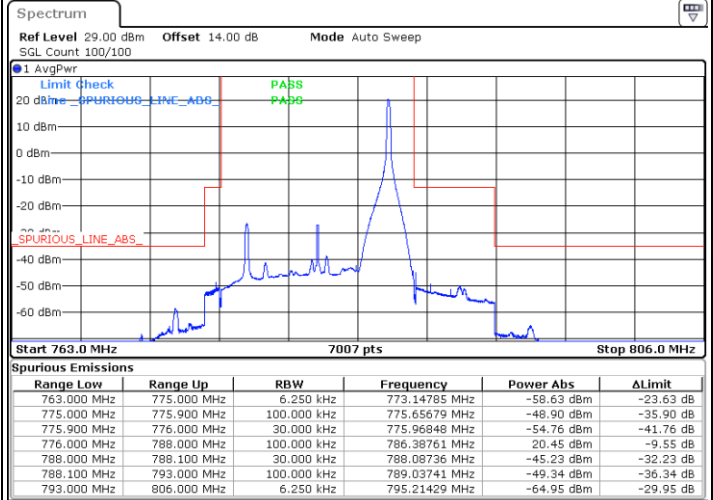
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



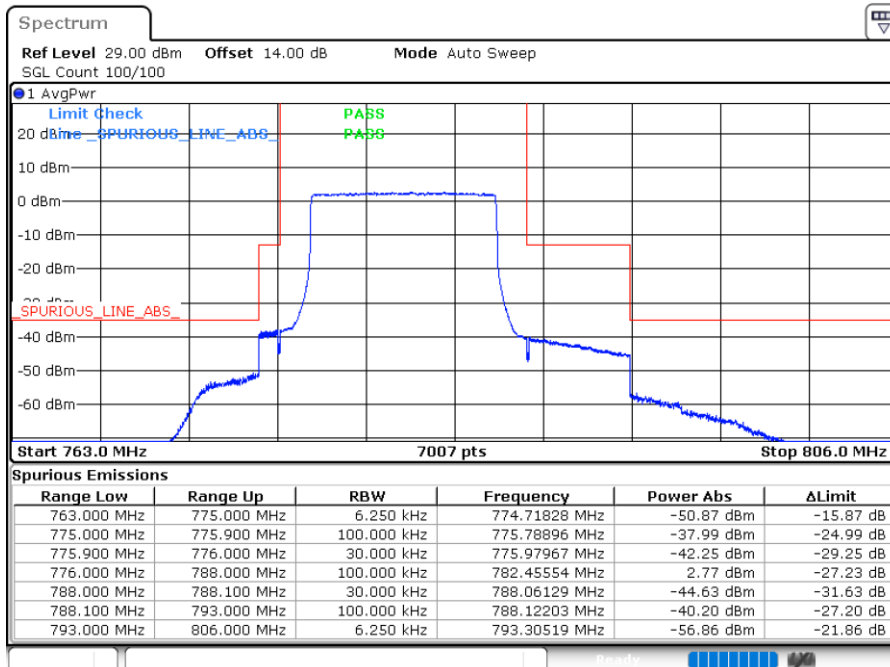
Date: 17.DEC.2021 00:33:26

Highest Band Edge / 1 RB



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

Band Edge / Full RB

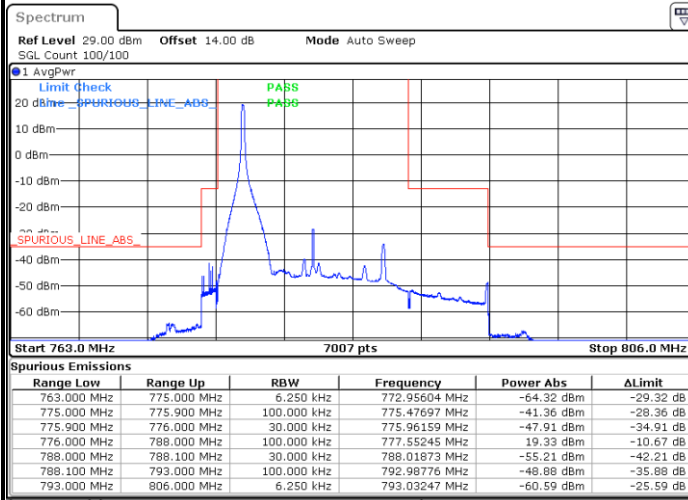


Date: 17.DEC.2021 00:31:47



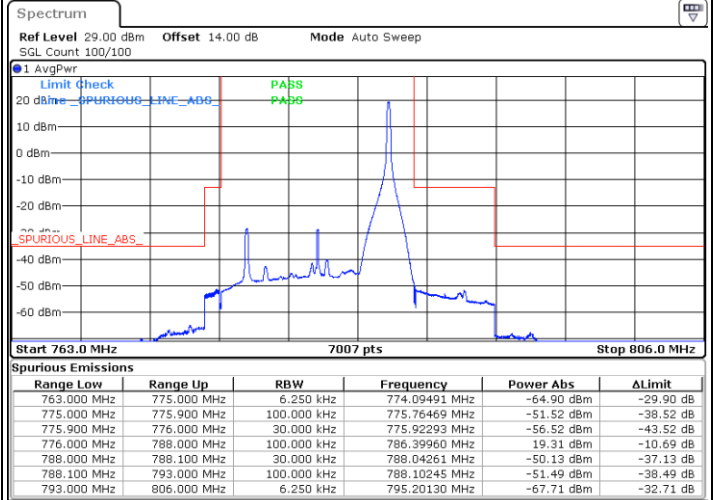
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



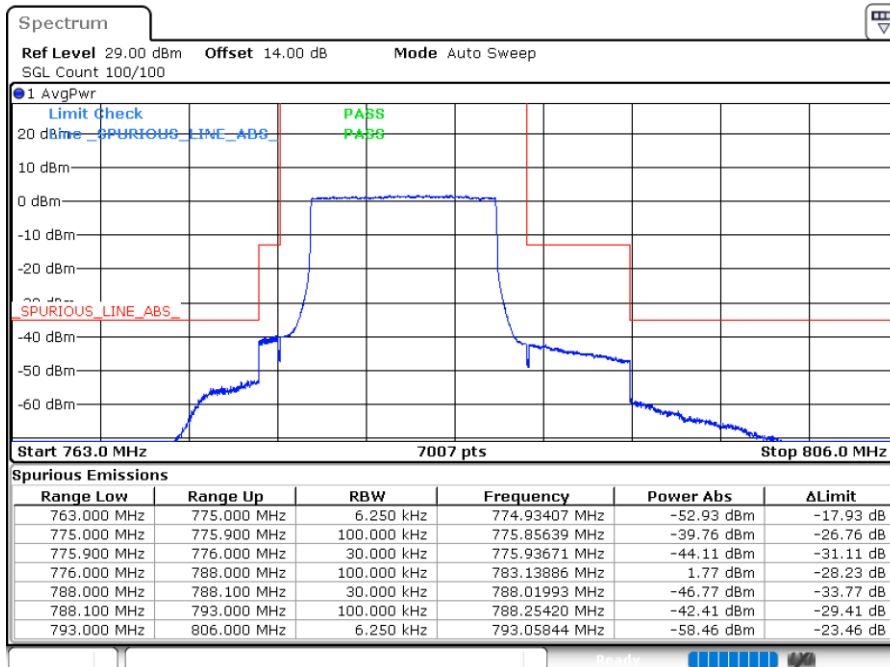
Date: 17.DEC.2021 00:44:00

Highest Band Edge / 1 RB



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

Band Edge / Full RB



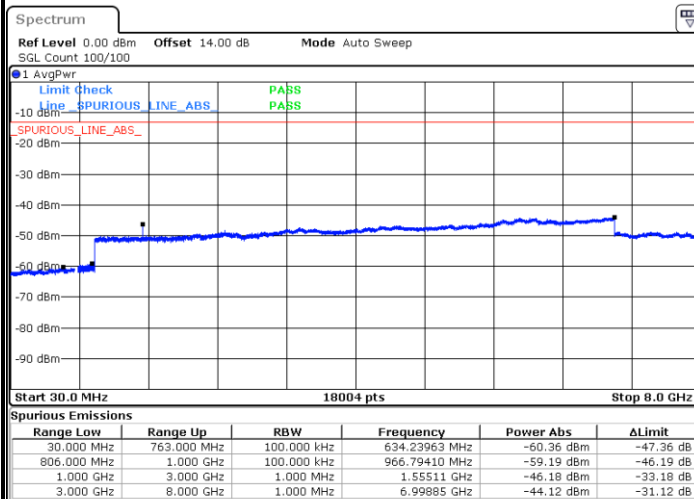
Date: 17.DEC.2021 00:42:21



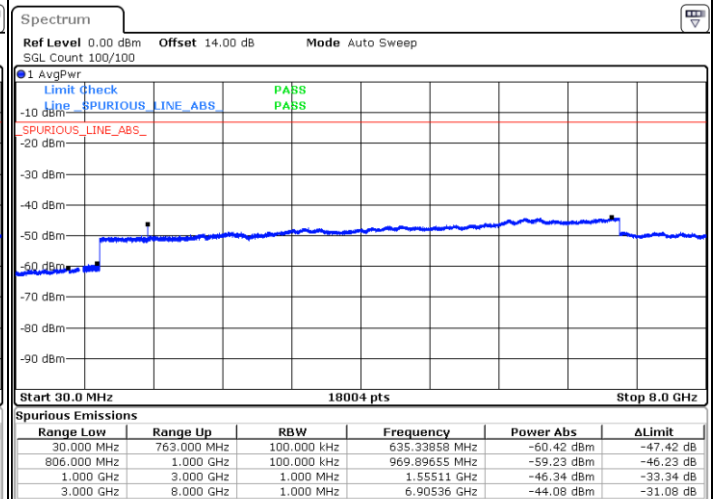
Conducted Spurious Emission

LTE Band 13 / 5MHz

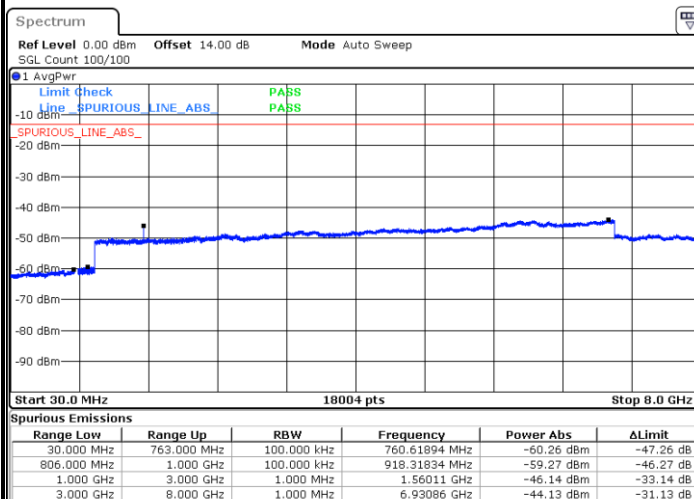
Lowest Channel / QPSK



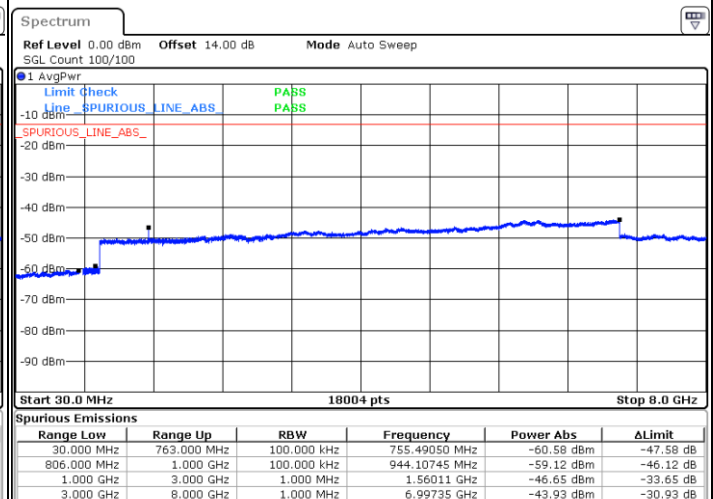
Lowest Channel / 16QAM



Middle Channel / QPSK



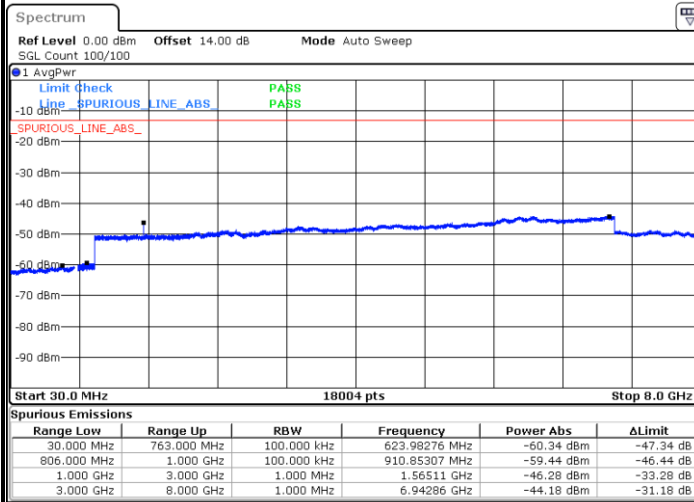
Middle Channel / 16QAM





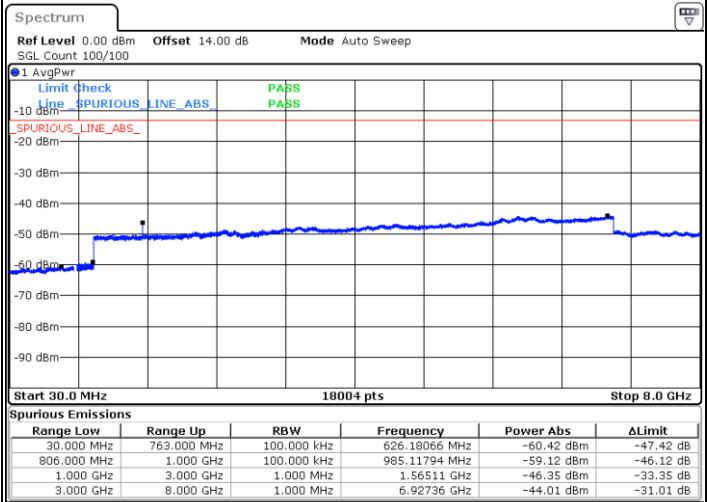
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 17.DEC.2021 00:16:08

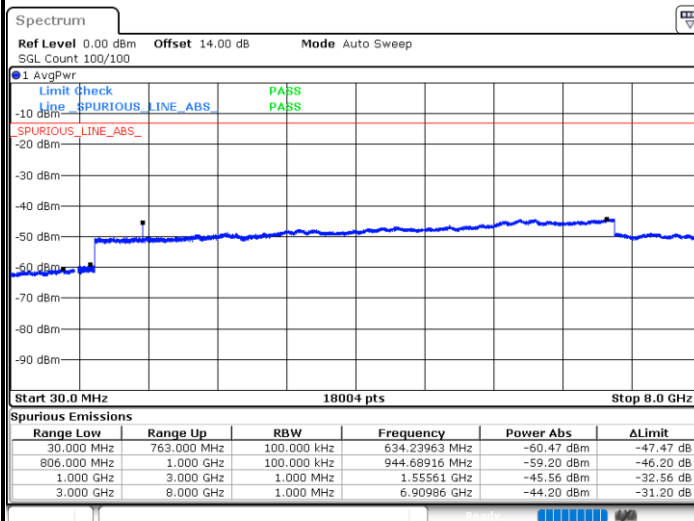
Highest Channel / 16QAM



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

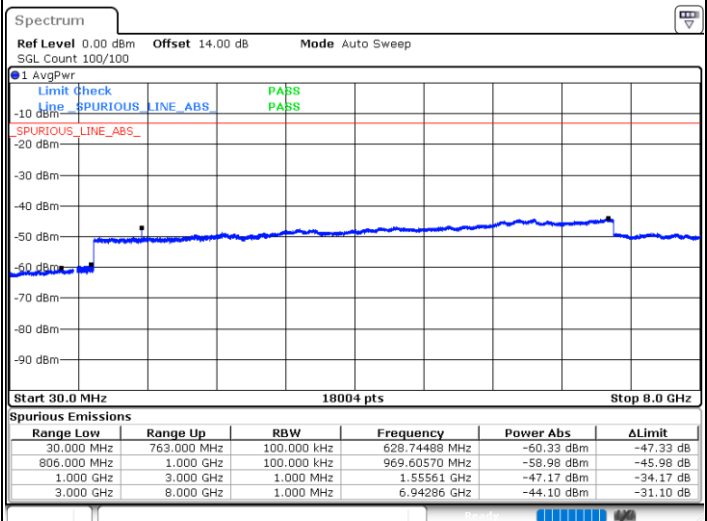
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 17.DEC.2021 00:40:21

Middle Channel / 16QAM

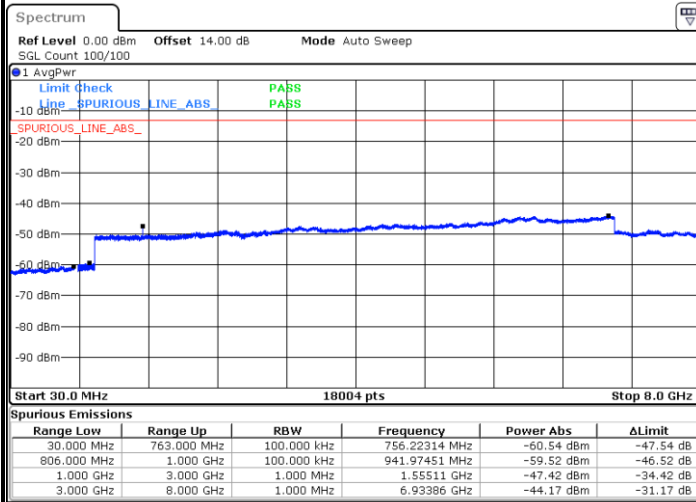


Date: 17.DEC.2021 00:39:22



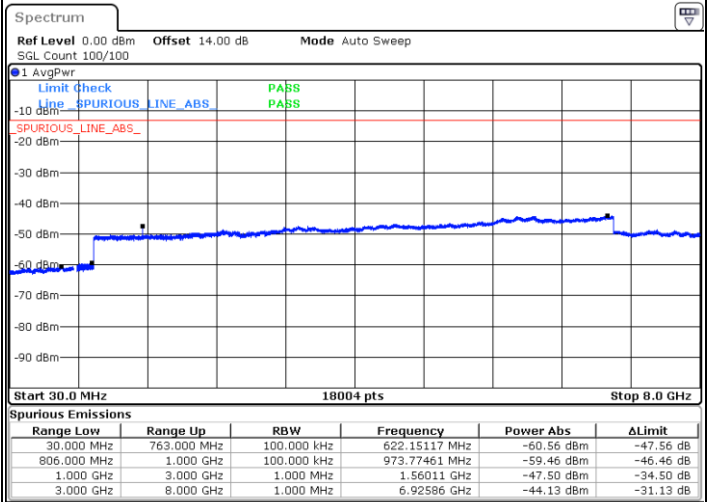
LTE Band 13 / 5MHz

Lowest Channel / 64QAM



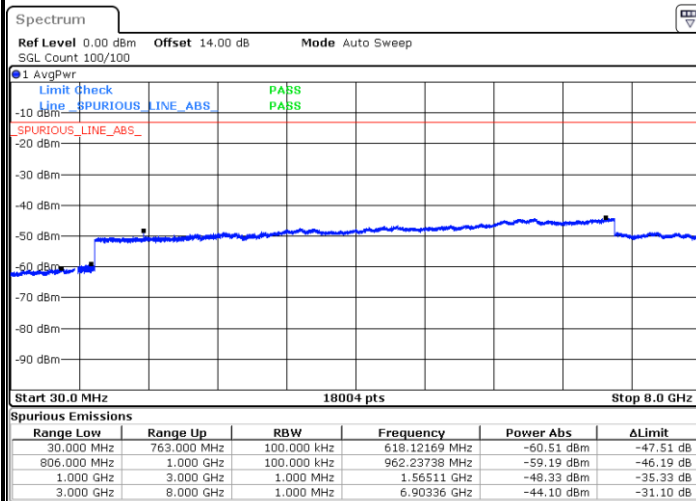
Date: 17.DEC.2021 00:21:46

Middle Channel / 64QAM



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

Highest Channel / 64QAM



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

N/A

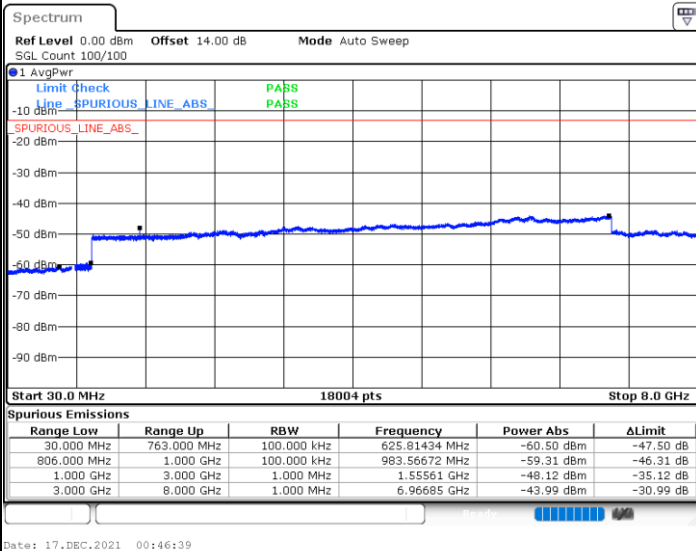
N/A



LTE Band 13 / 10MHz

Middle Channel / 64QAM

N/A



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

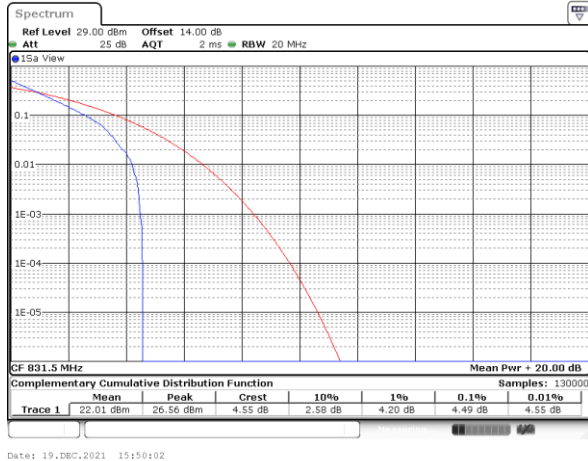
Peak-to-Average Ratio

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	-	-	

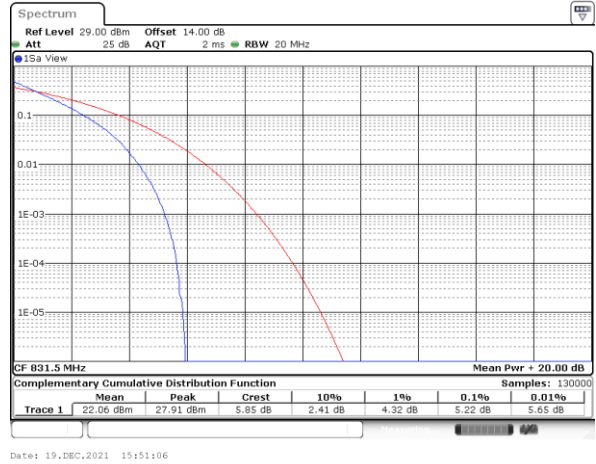


LTE Band 26 / 15MHz / QPSK

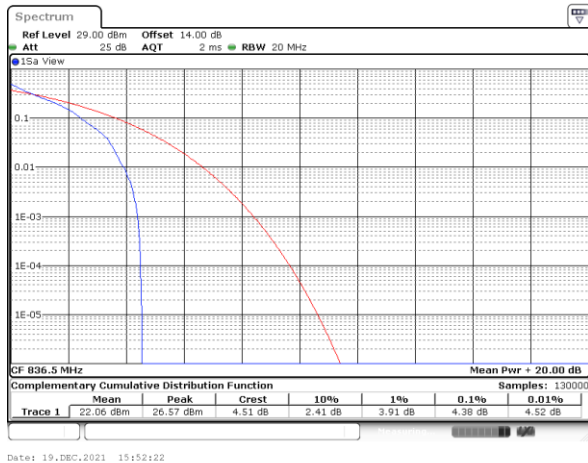
Lowest Channel / 1RB



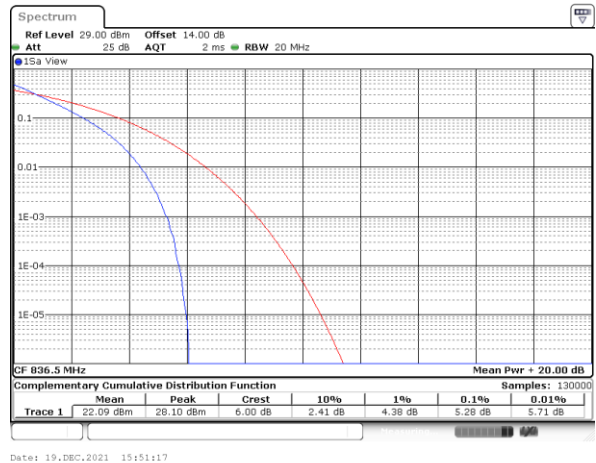
Lowest Channel / Full RB



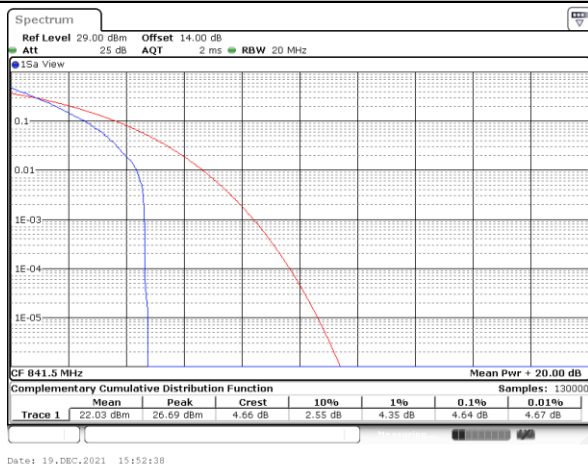
Middle Channel / 1RB



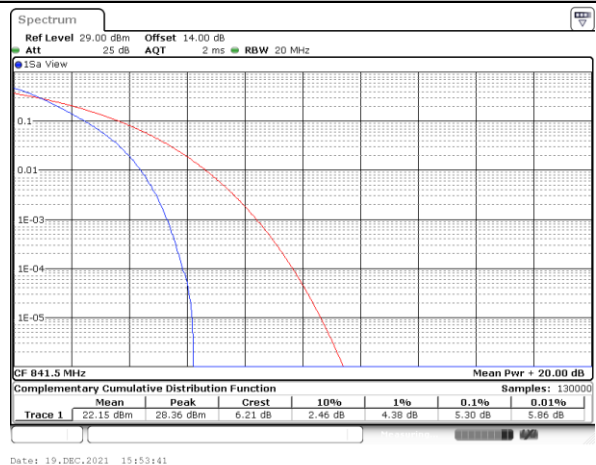
Middle Channel / Full RB

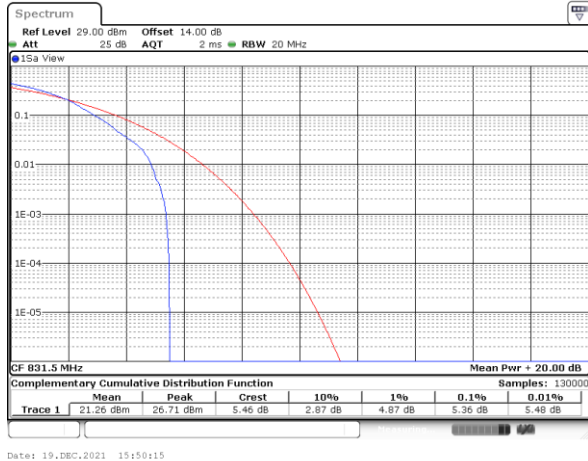
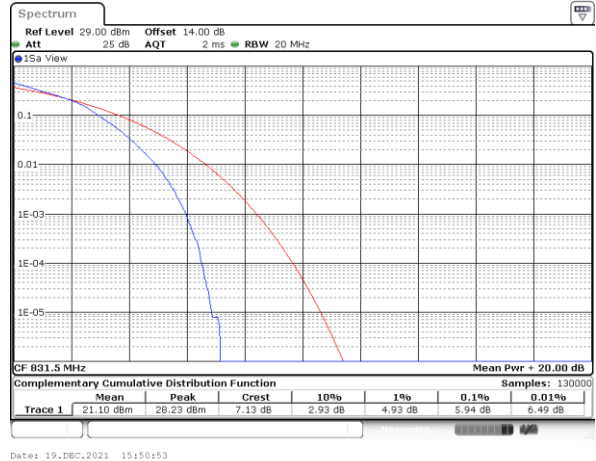
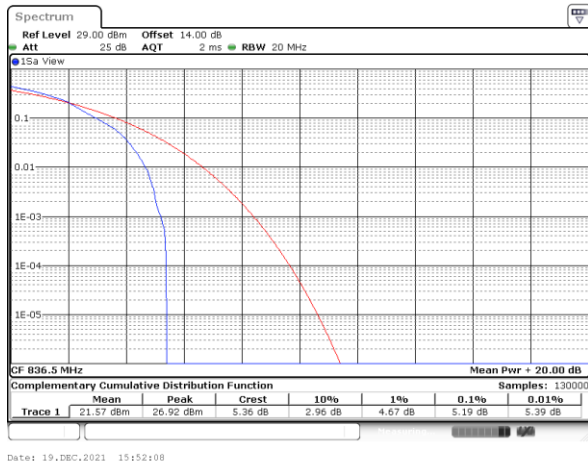
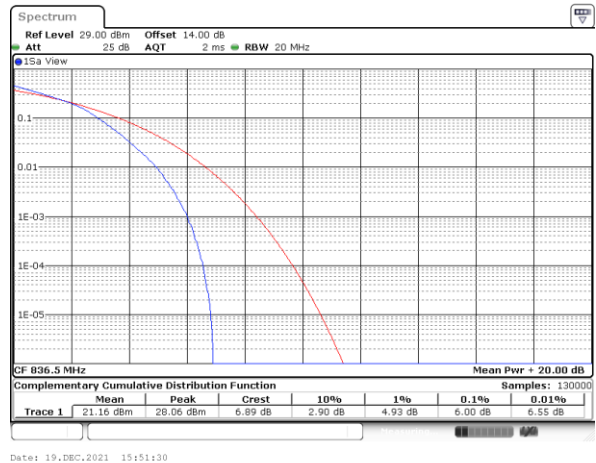
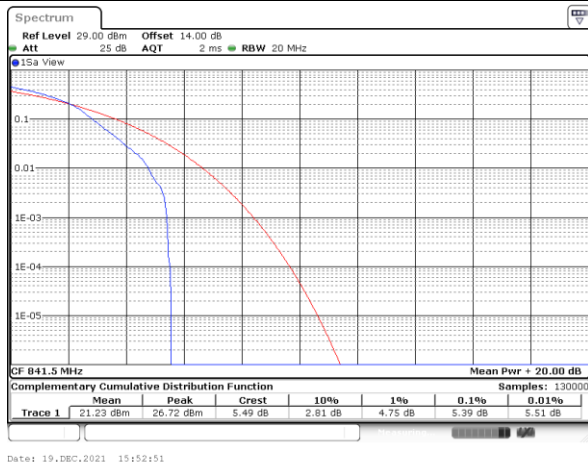
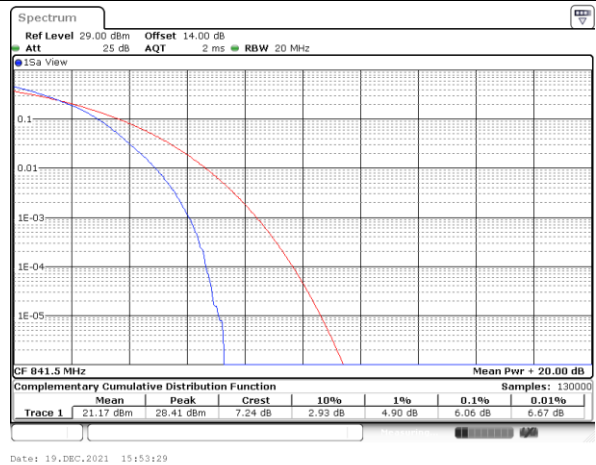


Highest Channel / 1RB



Highest Channel / Full RB

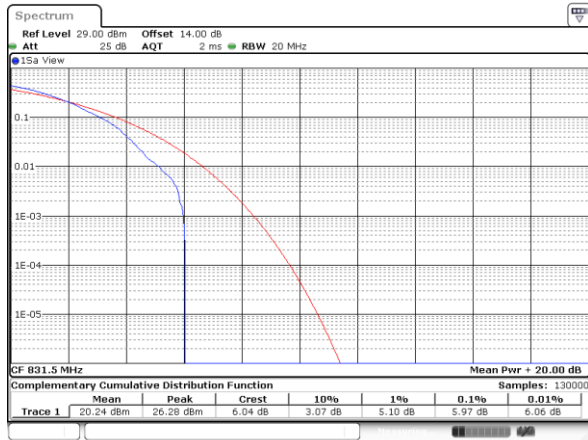


LTE Band 26 / 15MHz / 16QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


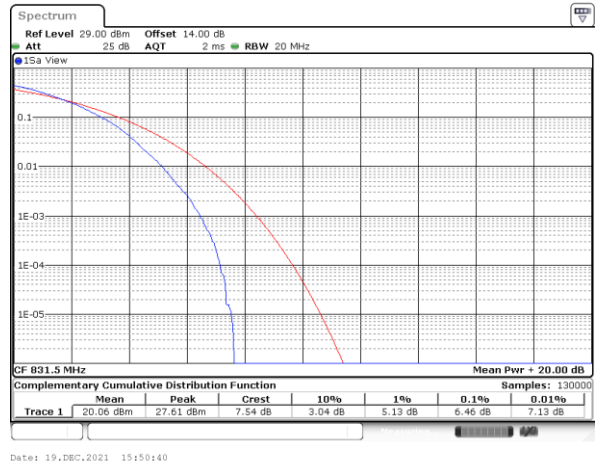


LTE Band 26 / 15MHz / 64QAM

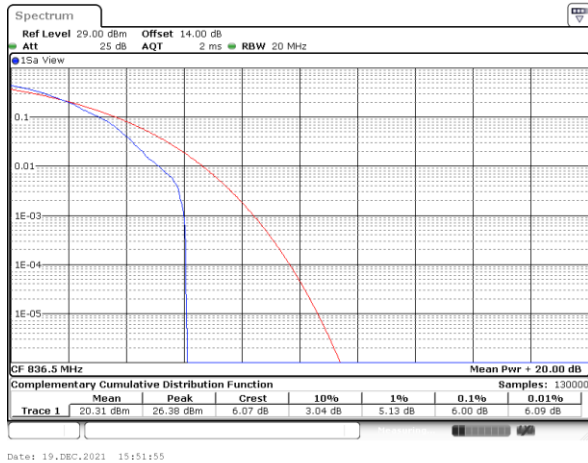
Lowest Channel / 1RB



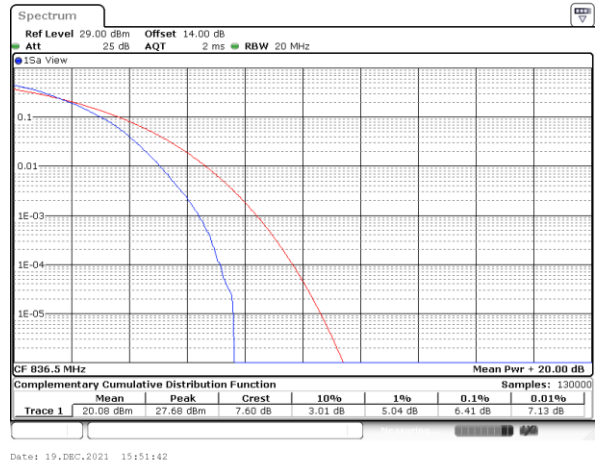
Lowest Channel / Full RB



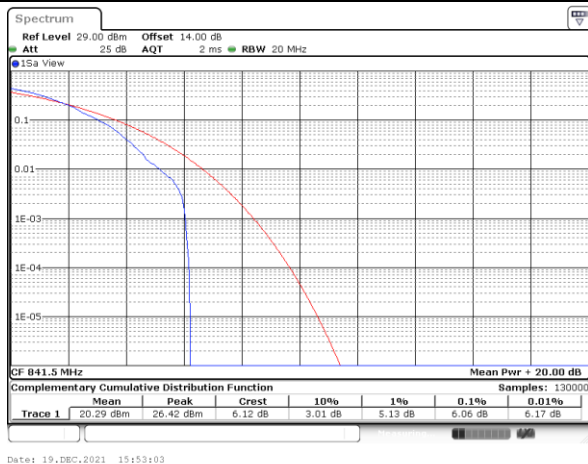
Middle Channel / 1RB



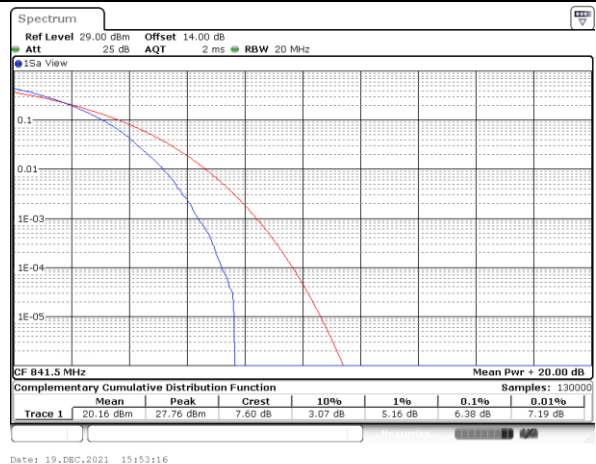
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



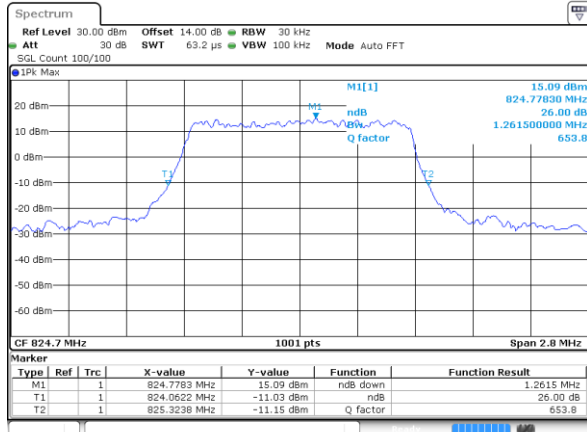
**26dB Bandwidth**

Mode	LTE Band 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	-	-	-



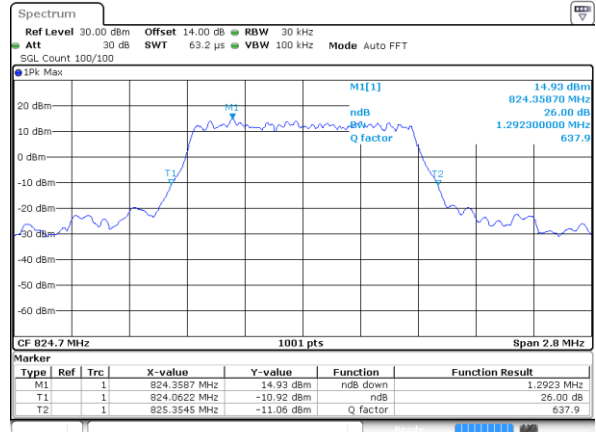
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



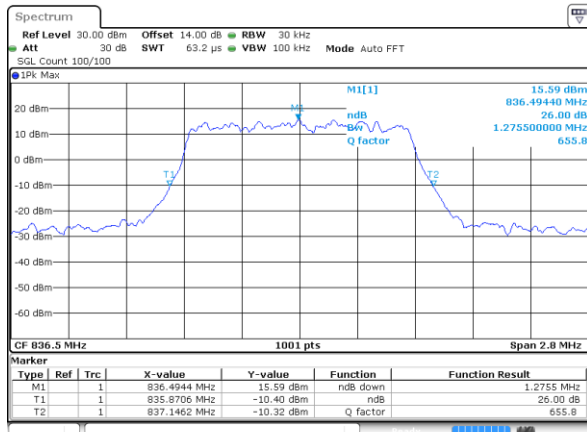
Date: 19 DEC 2021 13:23:18

Lowest Channel / 1.4MHz / 16QAM



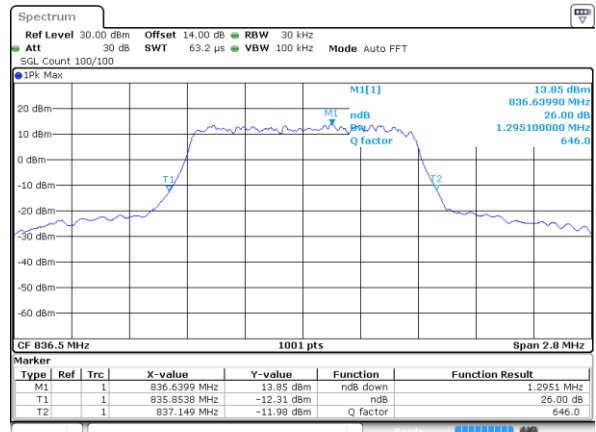
Date: 19 DEC 2021 13:22:54

Middle Channel / 1.4MHz / QPSK



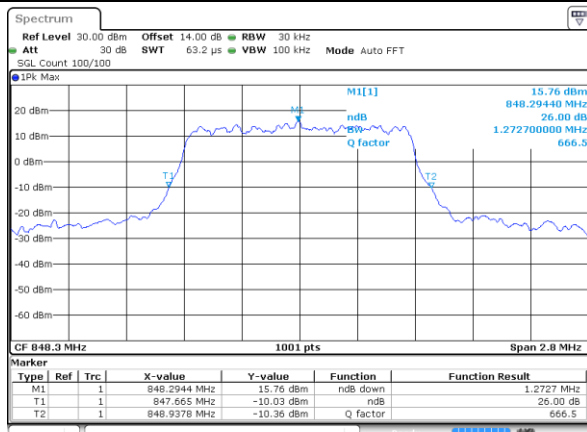
Date: 19 DEC 2021 13:34:19

Middle Channel / 1.4MHz / 16QAM



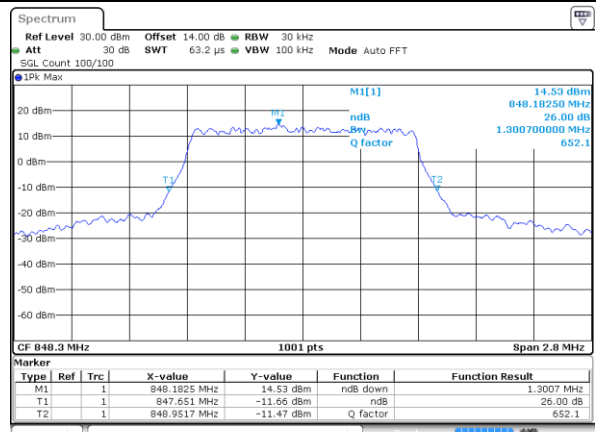
Date: 19 DEC 2021 13:33:55

Highest Channel / 1.4MHz / QPSK



Date: 19 DEC 2021 13:38:10

Highest Channel / 1.4MHz / 16QAM

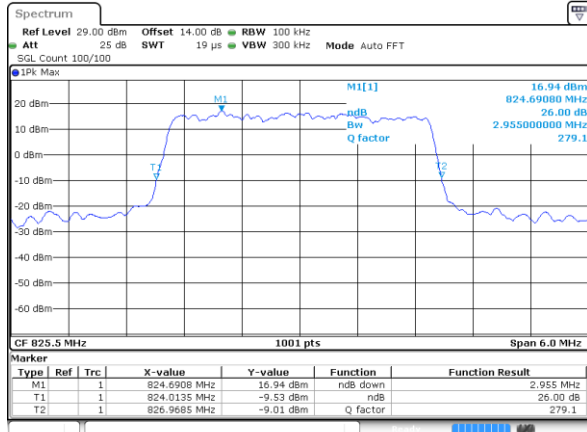


Date: 19 DEC 2021 13:37:46

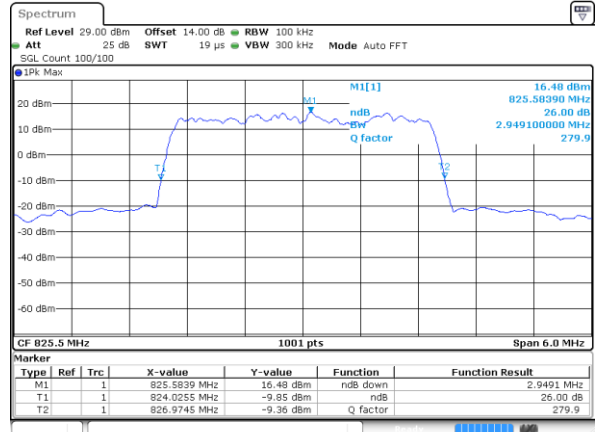


LTE Band 26

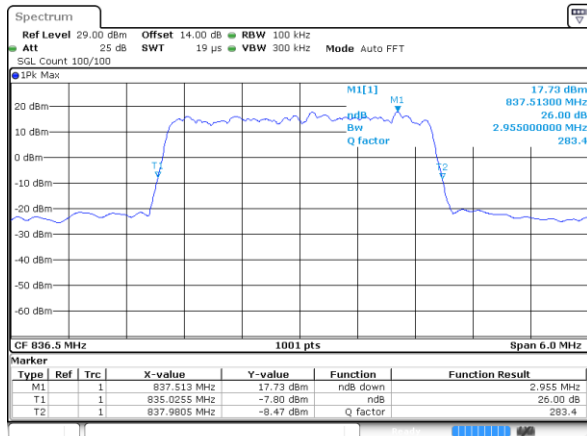
Lowest Channel / 3MHz / QPSK



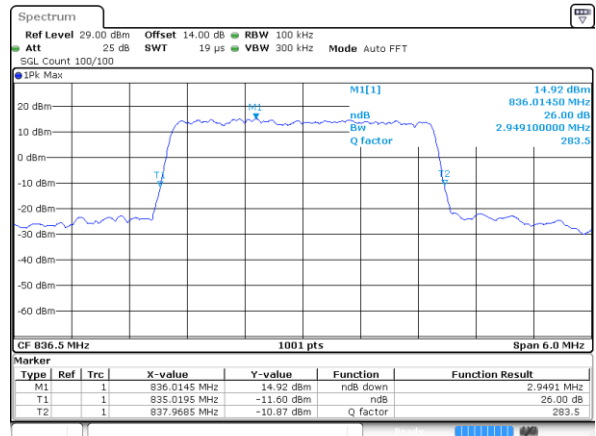
Lowest Channel / 3MHz / 16QAM



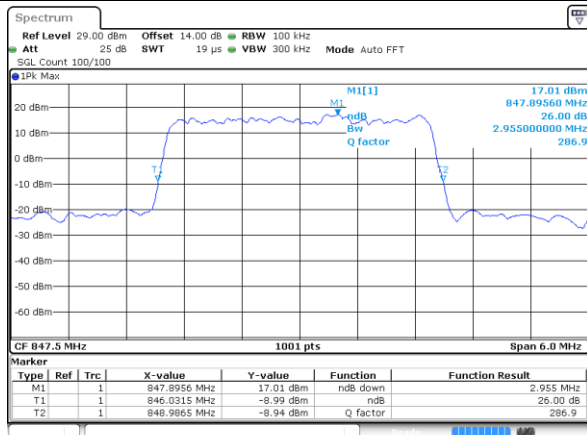
Middle Channel / 3MHz / QPSK



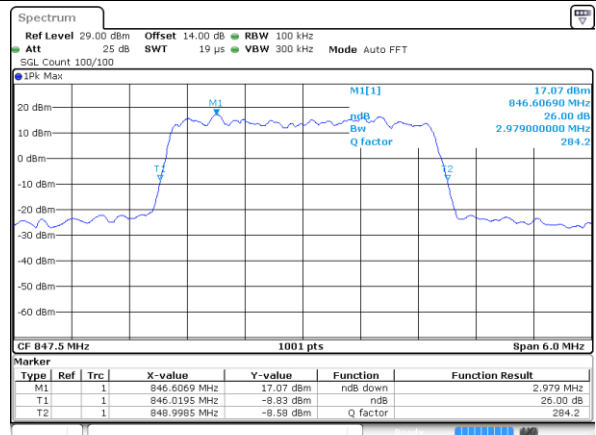
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



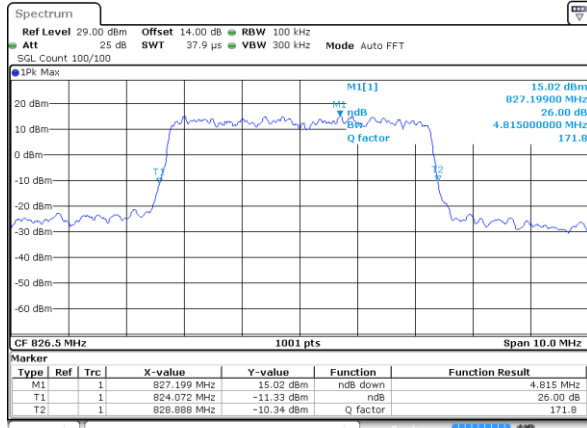
Highest Channel / 3MHz / 16QAM



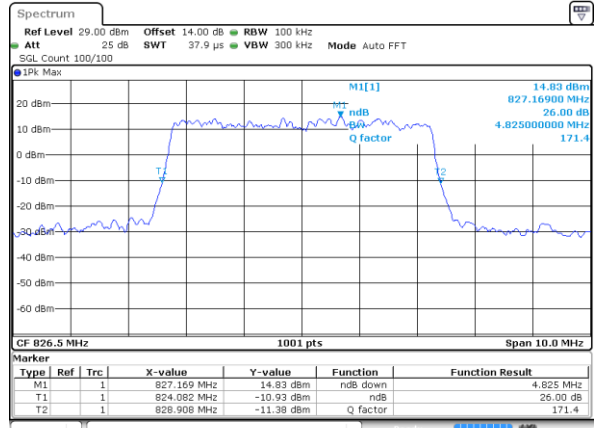


LTE Band 26

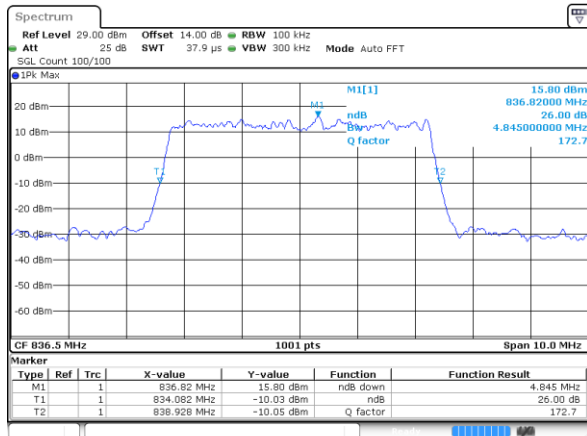
Lowest Channel / 5MHz / QPSK



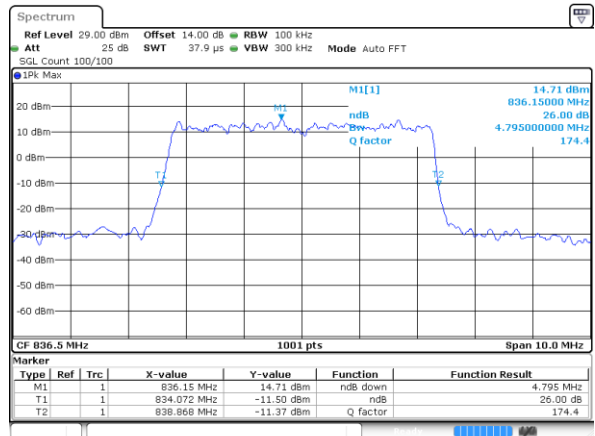
Lowest Channel / 5MHz / 16QAM



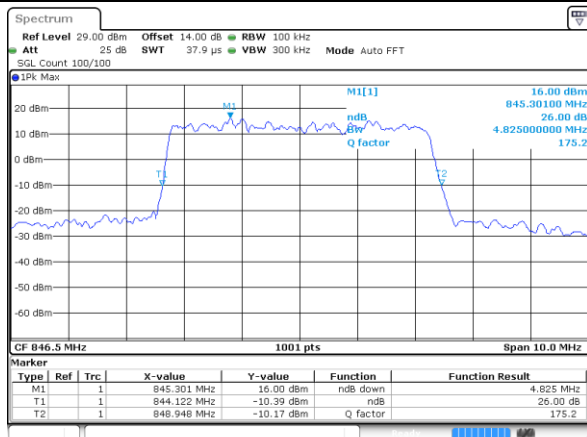
Middle Channel / 5MHz / QPSK



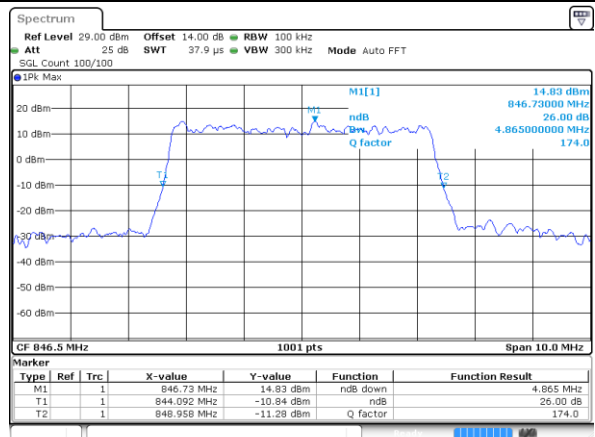
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



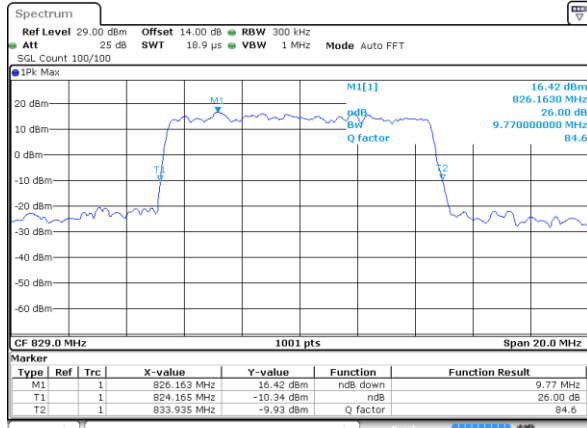
Highest Channel / 5MHz / 16QAM





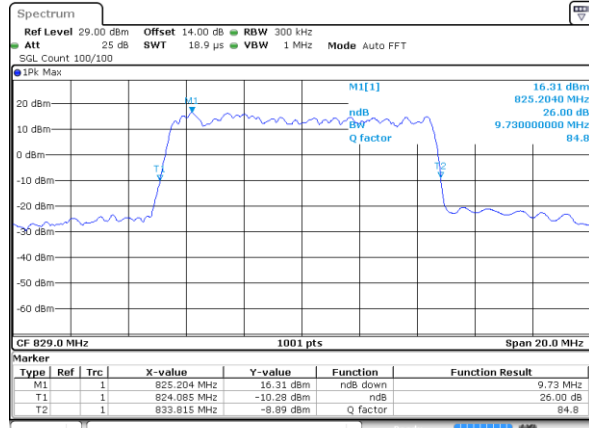
LTE Band 26

Lowest Channel / 10MHz / QPSK



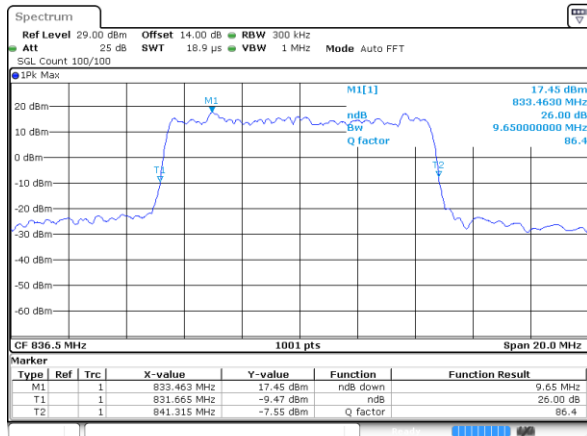
Date: 18 DEC 2021 02:03:10

Lowest Channel / 10MHz / 16QAM



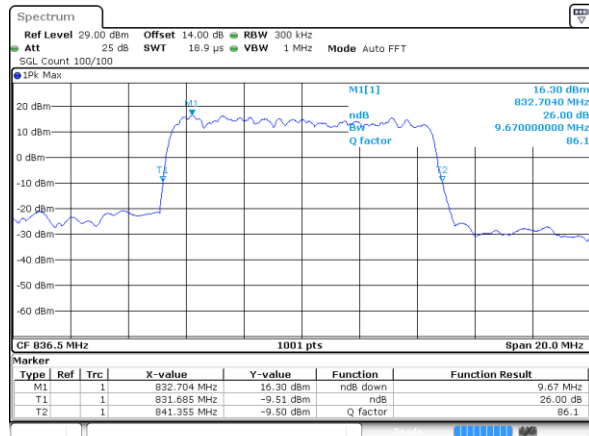
Date: 18 DEC 2021 02:02:59

Middle Channel / 10MHz / QPSK



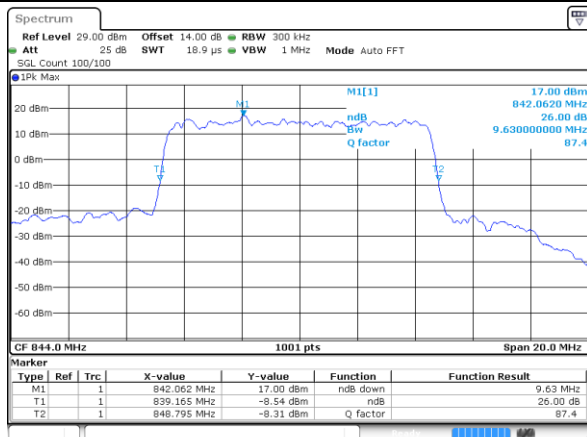
Date: 18 DEC 2021 02:13:37

Middle Channel / 10MHz / 16QAM



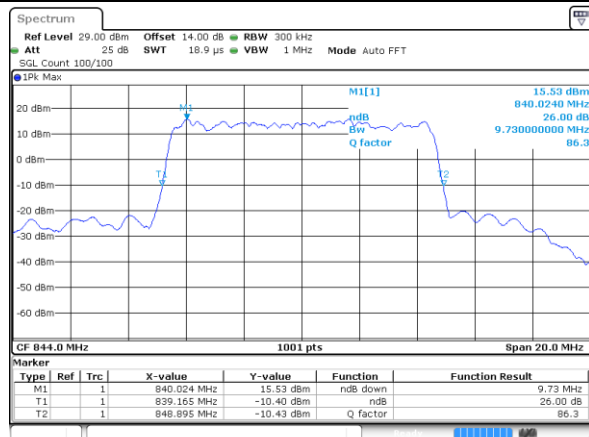
Date: 18 DEC 2021 02:13:26

Highest Channel / 10MHz / QPSK



Date: 18 DEC 2021 02:16:48

Highest Channel / 10MHz / 16QAM

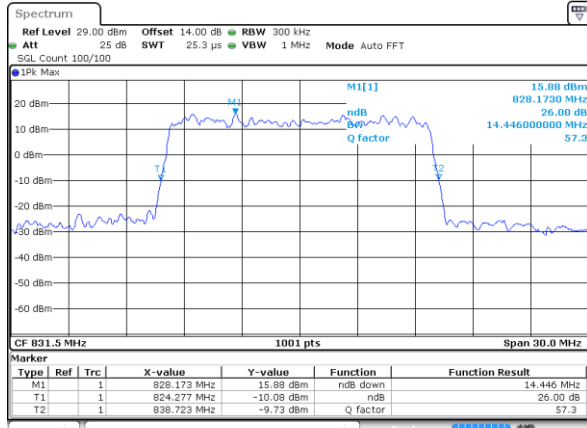


Date: 18 DEC 2021 02:16:38

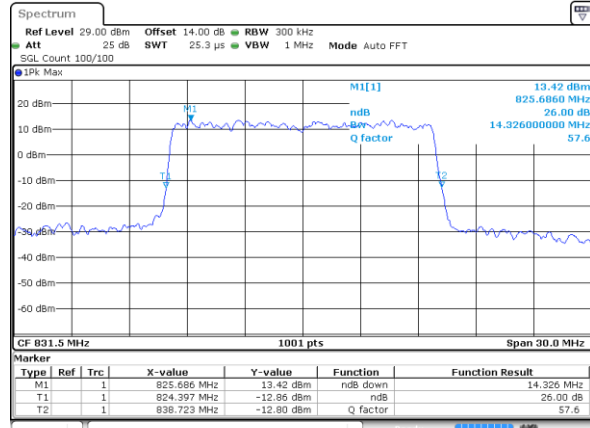


LTE Band 26

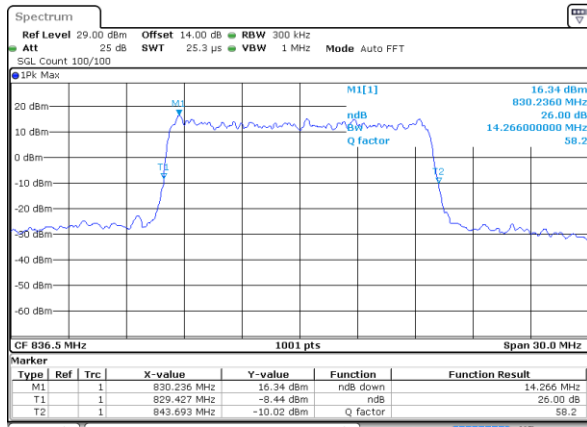
Lowest Channel / 15MHz / QPSK



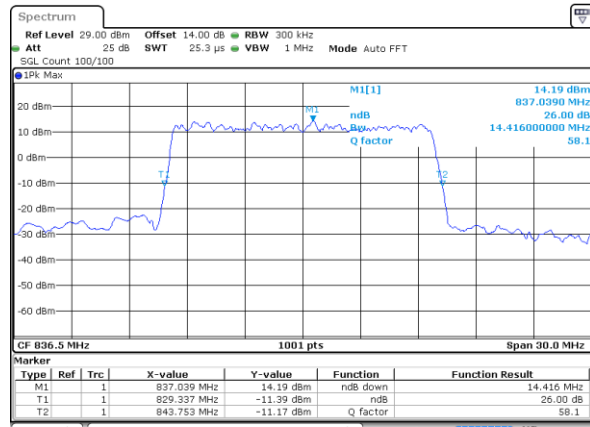
Lowest Channel / 15MHz / 16QAM



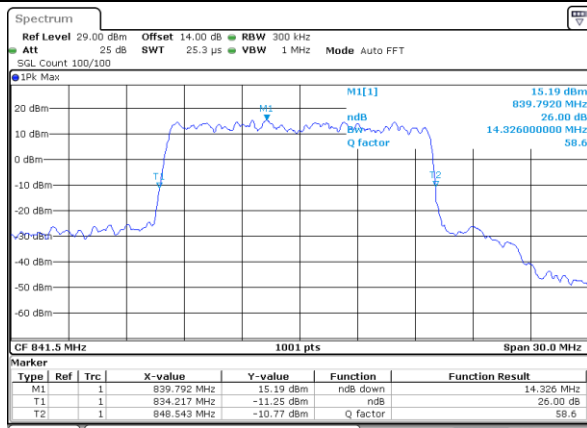
Middle Channel / 15MHz / QPSK



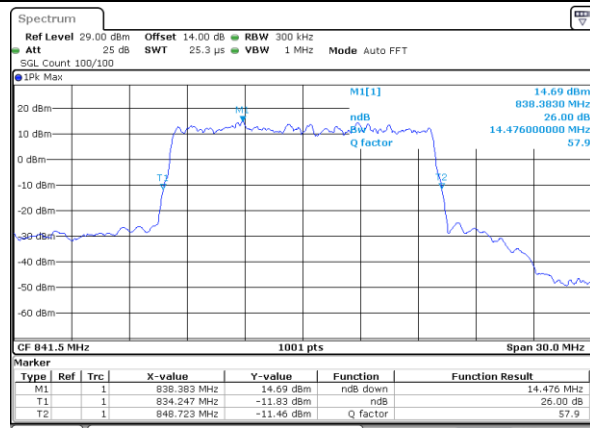
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



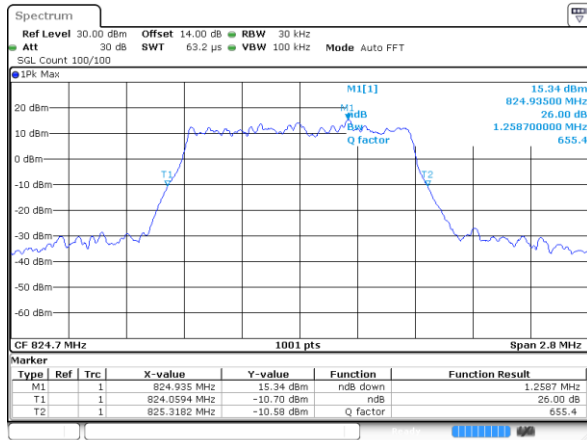
Highest Channel / 15MHz / 16QAM





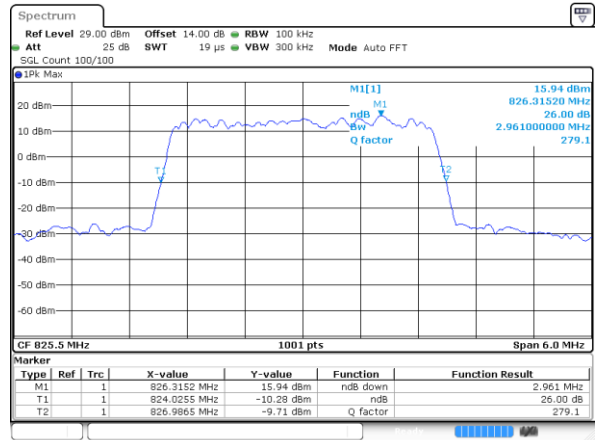
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



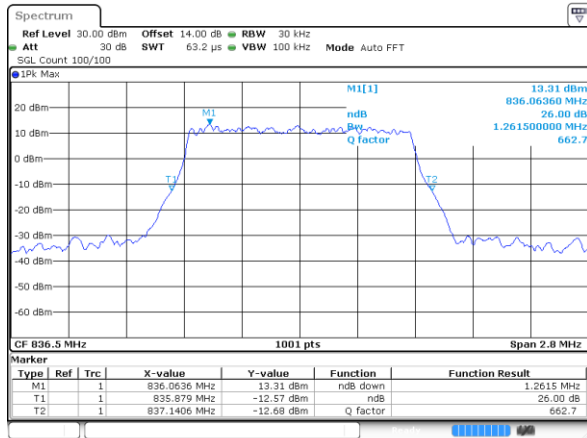
Date: 19 DEC 2021 13:48:42

Lowest Channel / 3MHz / 64QAM



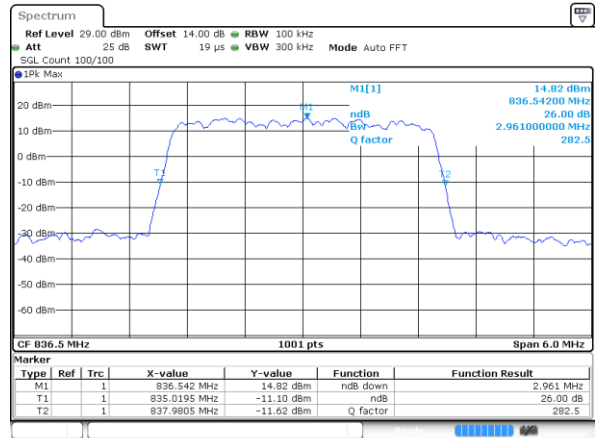
Date: 18 DEC 2021 00:28:25

Middle Channel / 1.4MHz / 64QAM



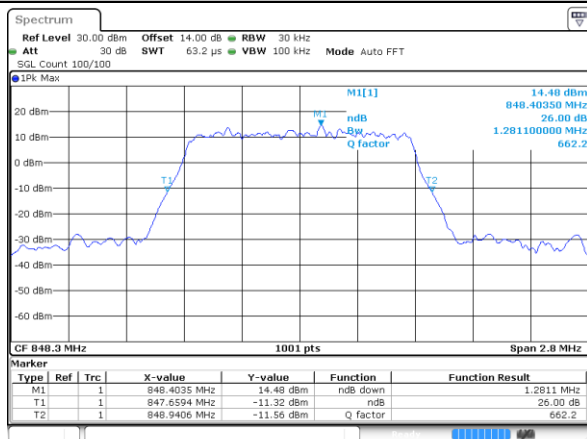
Date: 19 DEC 2021 13:53:58

Middle Channel / 3MHz / 64QAM



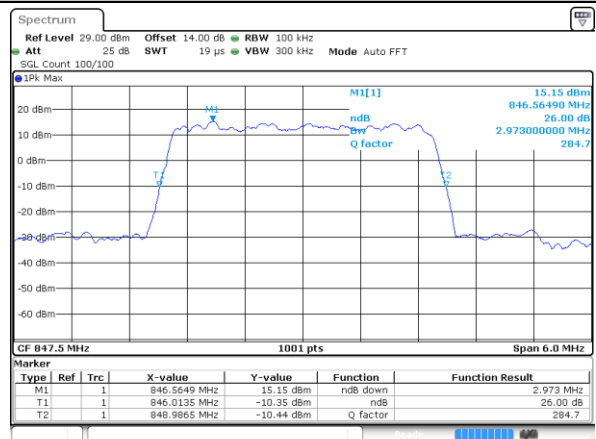
Date: 18 DEC 2021 00:31:39

Highest Channel / 1.4MHz / 64QAM



Date: 19 DEC 2021 13:55:49

Highest Channel / 3MHz / 64QAM

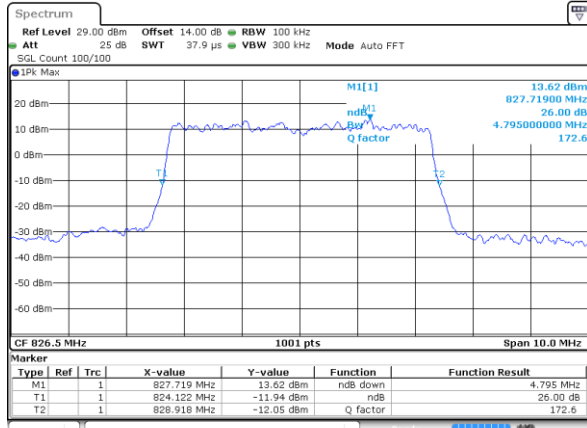


Date: 18 DEC 2021 00:33:15

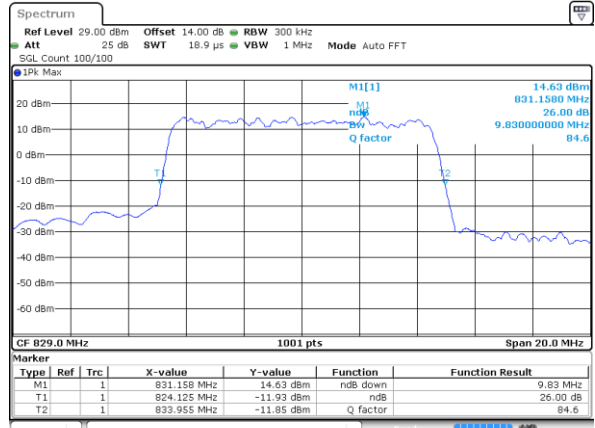


LTE Band 26

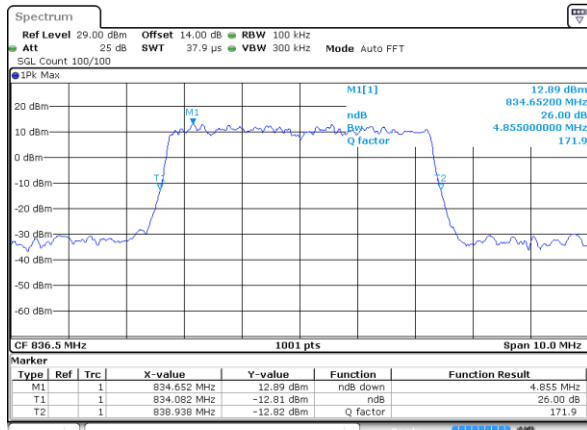
Lowest Channel / 5MHz / 64QAM



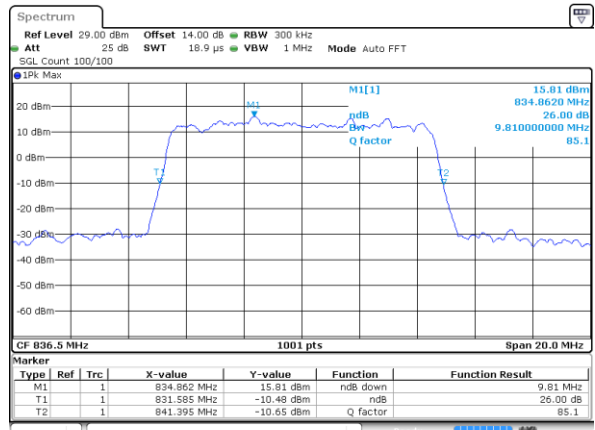
Lowest Channel / 10MHz / 64QAM



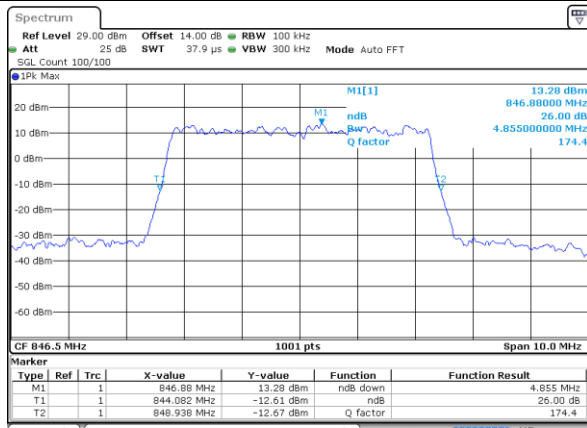
Middle Channel / 5MHz / 64QAM



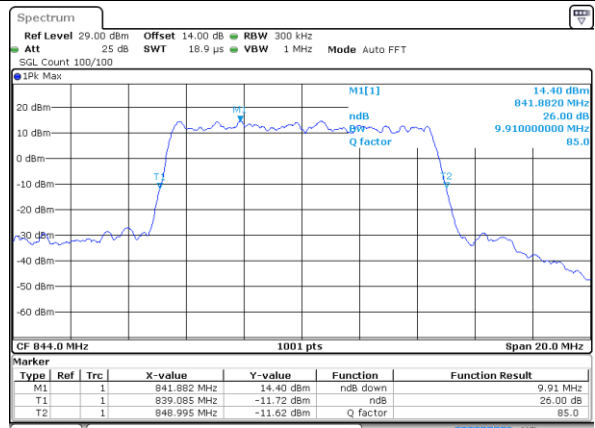
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

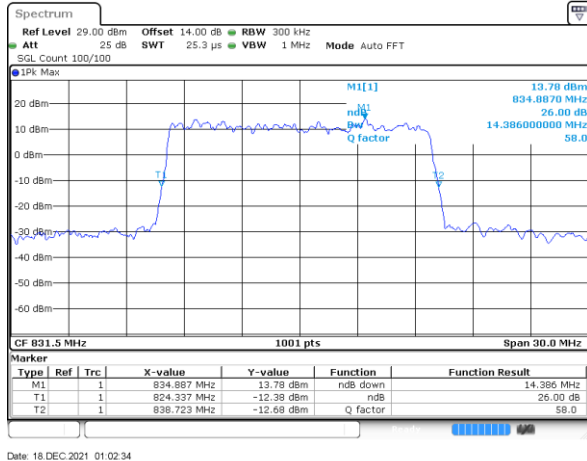




LTE Band 26

Lowest Channel / 15MHz / 64QAM

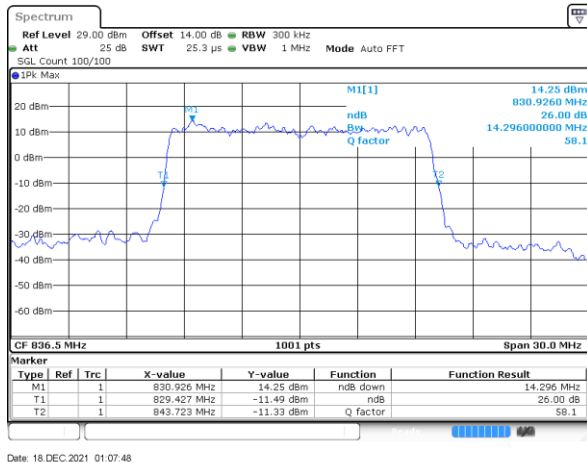
N/A



N/A

Middle Channel / 15MHz / 64QAM

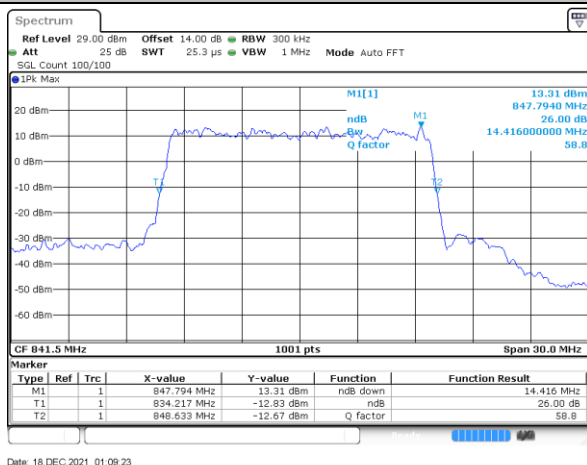
N/A



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	-	-	-