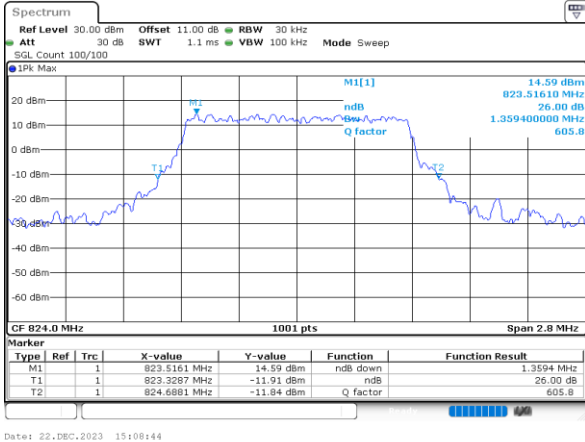




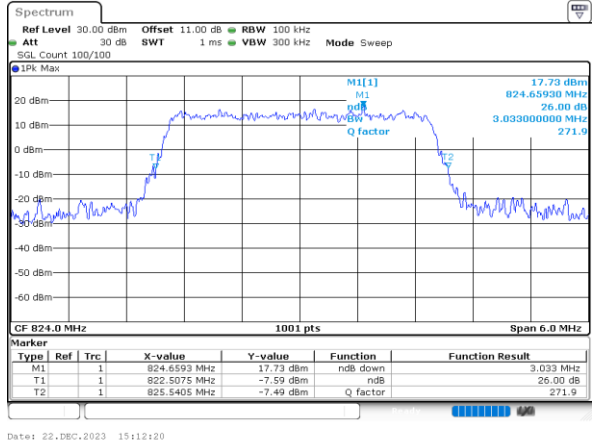
LTE Band 26

824 MHz / 1.4MHz / 64QAM



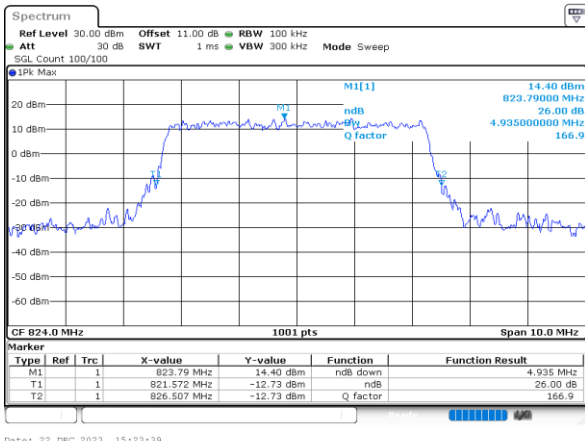
Date: 22.DEC.2023 15:08:44

824 MHz / 3MHz / 64QAM



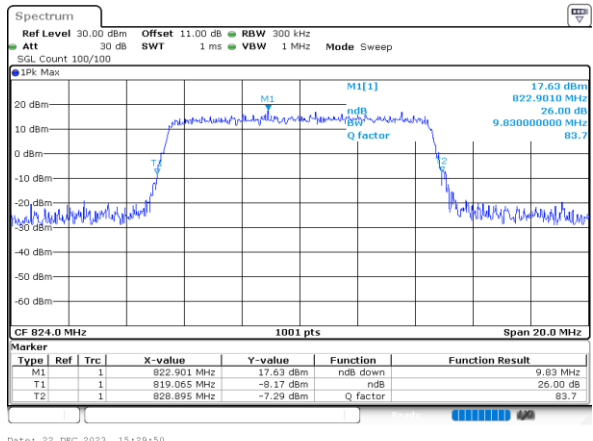
Date: 22.DEC.2023 15:12:20

824 MHz / 5MHz / 64QAM



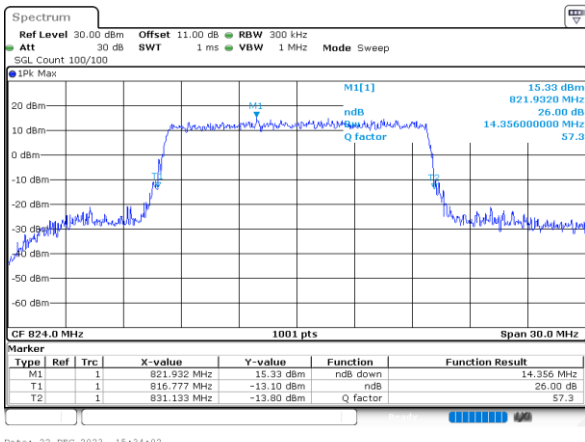
Date: 22.DEC.2023 15:23:39

824 MHz / 10MHz / 64QAM



Date: 22.DEC.2023 15:29:50

824 MHz / 15MHz / 64QAM



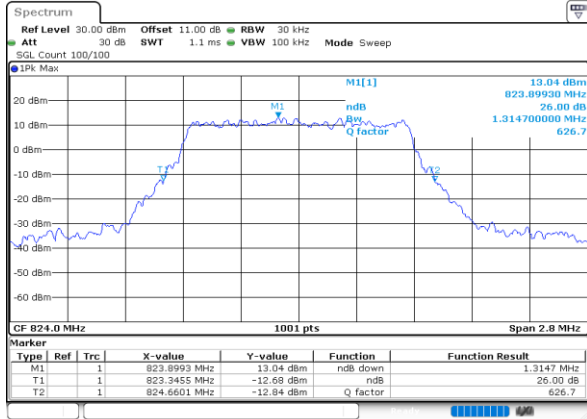
Date: 22.DEC.2023 15:34:02

N/A



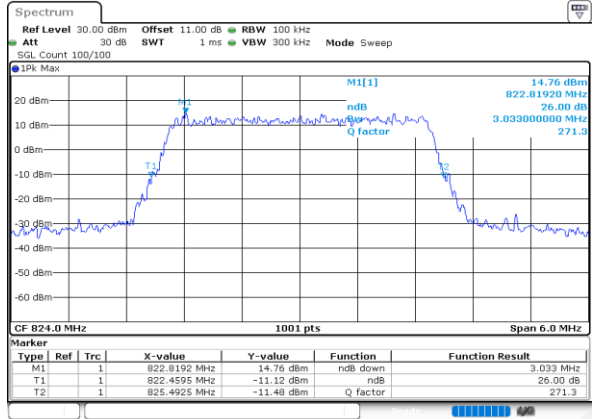
LTE Band 26

824 MHz / 1.4MHz / 256QAM



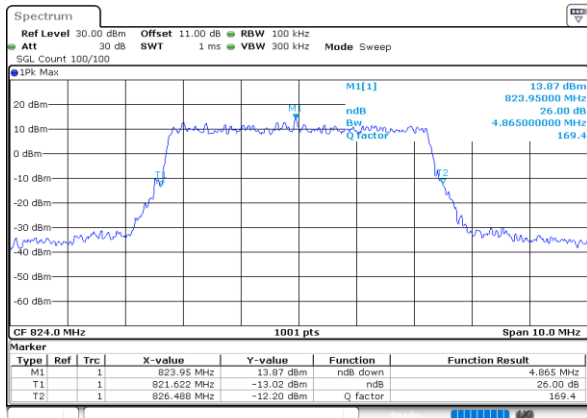
Date: 22.DEC.2023 15:09:34

824 MHz / 3MHz / 256QAM



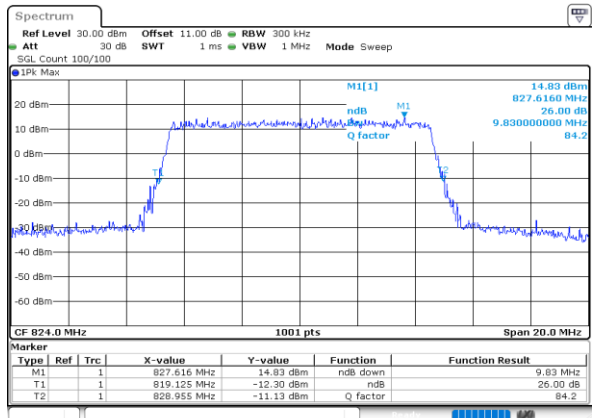
Date: 22.DEC.2023 15:13:09

824 MHz / 5MHz / 256QAM



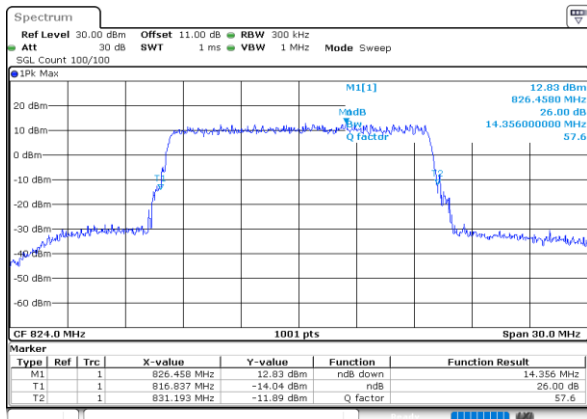
Date: 22.DEC.2023 15:24:28

824 MHz / 10MHz / 256QAM



Date: 22.DEC.2023 15:30:39

824 MHz / 15MHz / 256QAM



Date: 22.DEC.2023 15:34:51

N/A



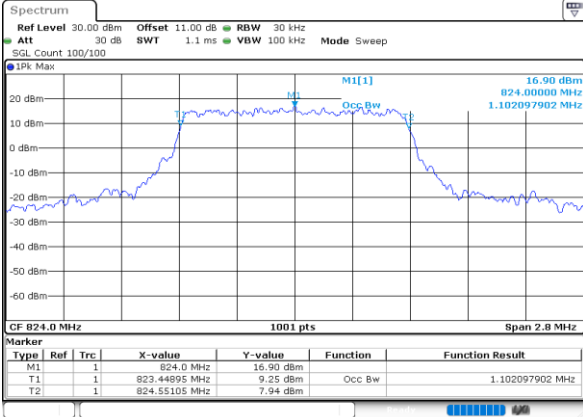
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824 MHz	1.10	1.09	2.73	2.75	4.49	4.49	9.11	9.01	13.42	13.45	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824 MHz	1.09	1.09	2.73	2.73	4.49	4.51	9.05	9.03	13.48	13.45	-	-



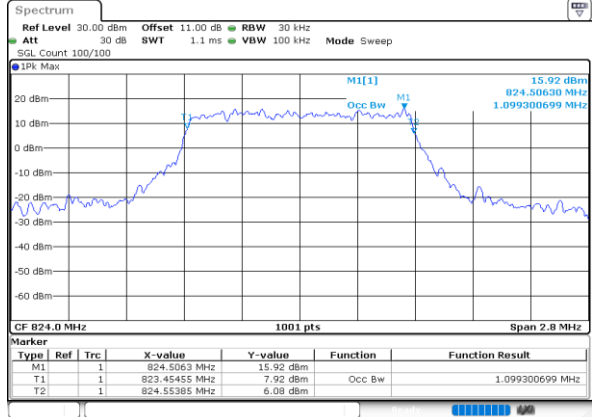
LTE Band 26

824 MHz / 1.4MHz / QPSK



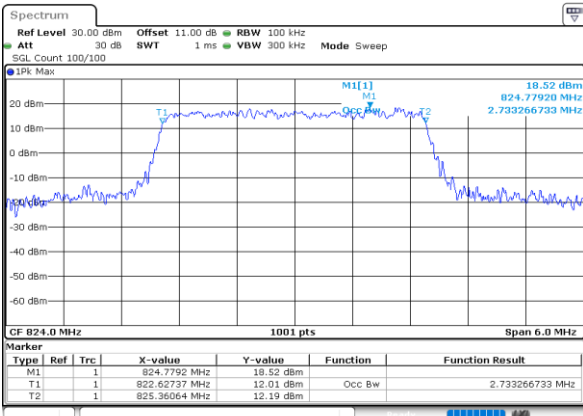
Date: 22.DEC.2023 15:06:49

824 MHz / 1.4MHz / 16QAM



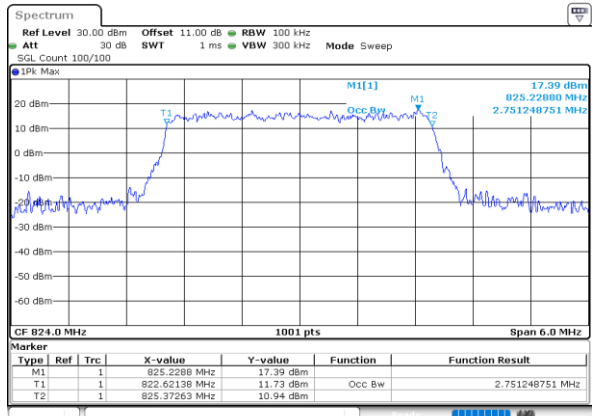
Date: 22.DEC.2023 15:07:58

824 MHz / 3MHz / QPSK



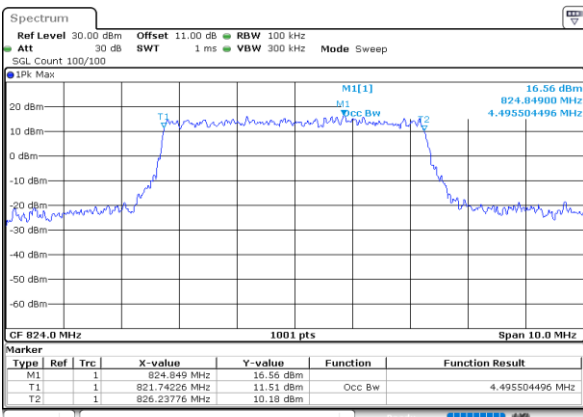
Date: 22.DEC.2023 15:10:24

824 MHz / 3MHz / 16QAM



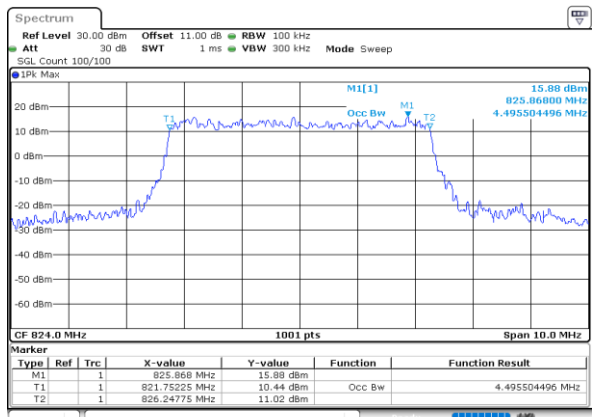
Date: 22.DEC.2023 15:11:34

824 MHz / 5MHz / QPSK



Date: 22.DEC.2023 15:21:43

824 MHz / 5MHz / 16QAM

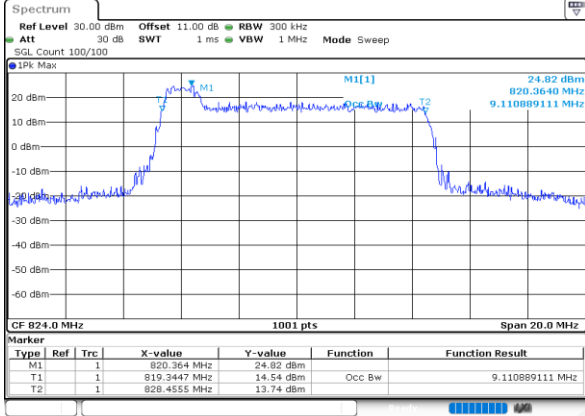


Date: 22.DEC.2023 15:22:52



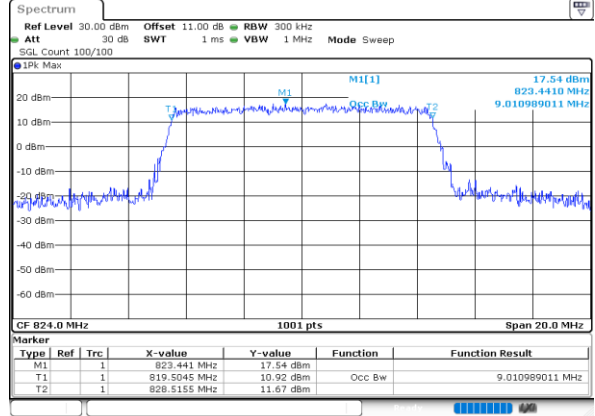
LTE Band 26

824 MHz / 10MHz / QPSK



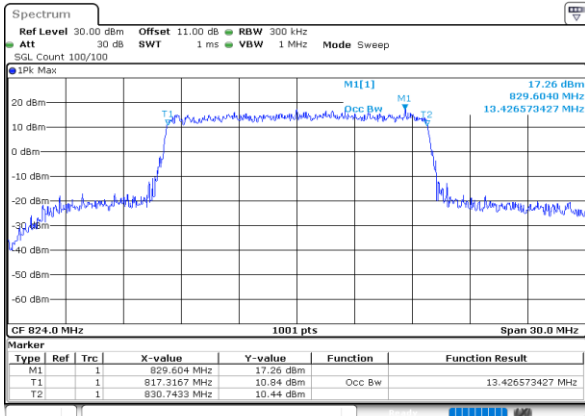
Date: 22.DEC.2023 15:27:54

824 MHz / 10MHz / 16QAM



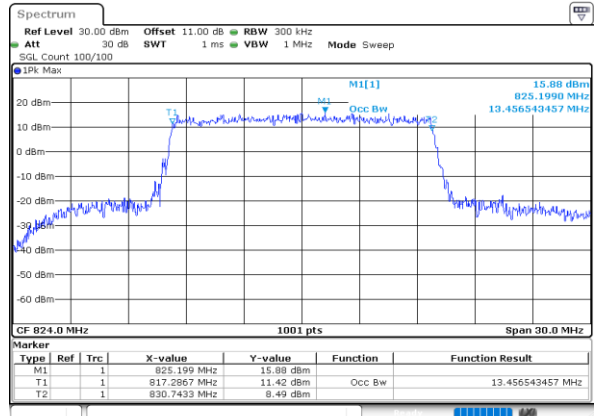
Date: 22.DEC.2023 15:29:04

824 MHz / 15MHz / QPSK



Date: 22.DEC.2023 15:32:07

824 MHz / 15MHz / 16QAM

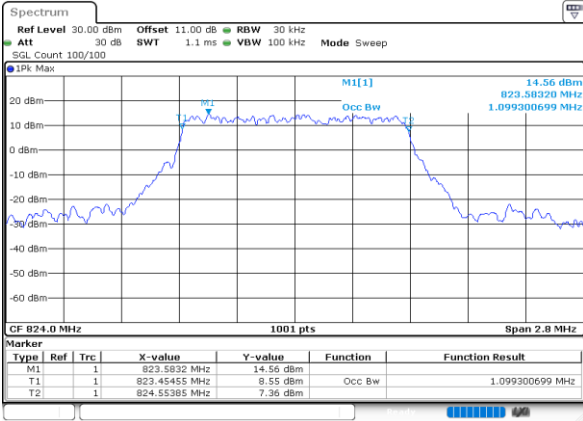


Date: 22.DEC.2023 15:33:16



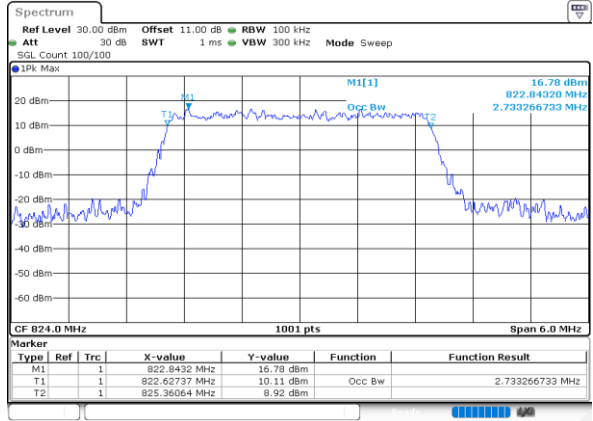
LTE Band 26

824 MHz / 1.4MHz / 64QAM



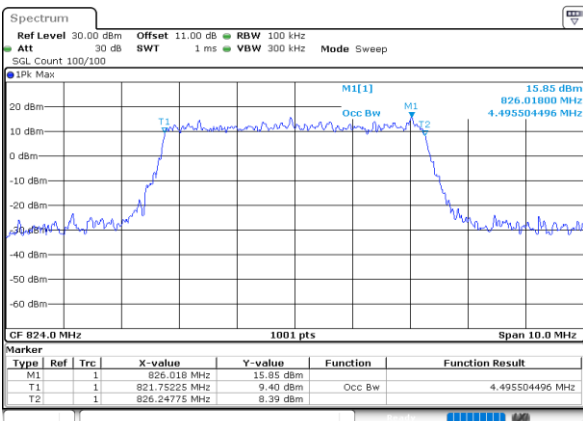
Date: 22.DEC.2023 15:10:21

824 MHz / 3MHz / 64QAM



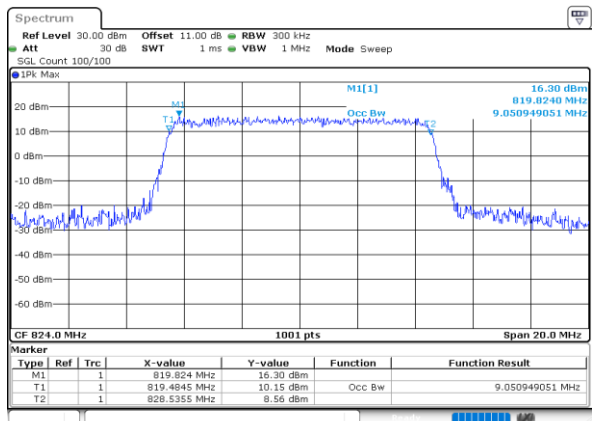
Date: 22.DEC.2023 15:11:57

824 MHz / 5MHz / 64QAM



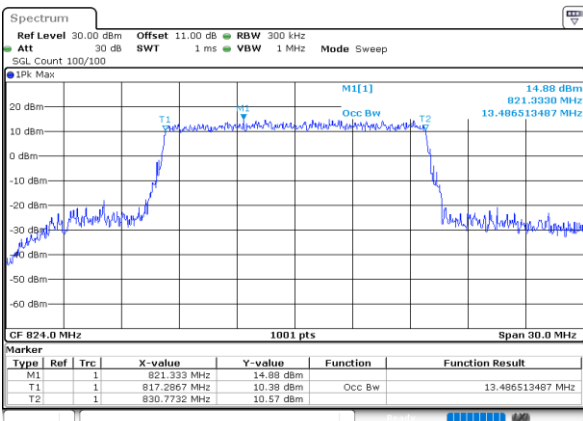
Date: 22.DEC.2023 15:23:16

824 MHz / 10MHz / 64QAM



Date: 22.DEC.2023 15:12:27

824 MHz / 15MHz / 64QAM



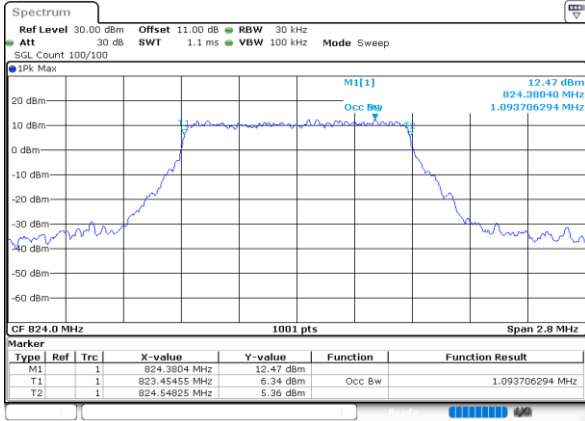
Date: 22.DEC.2023 15:33:39

N/A

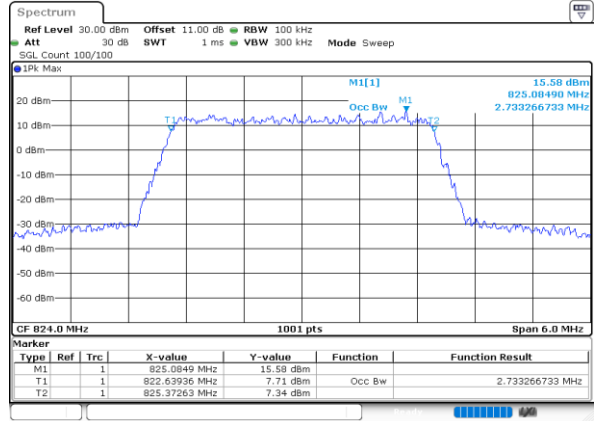


LTE Band 26

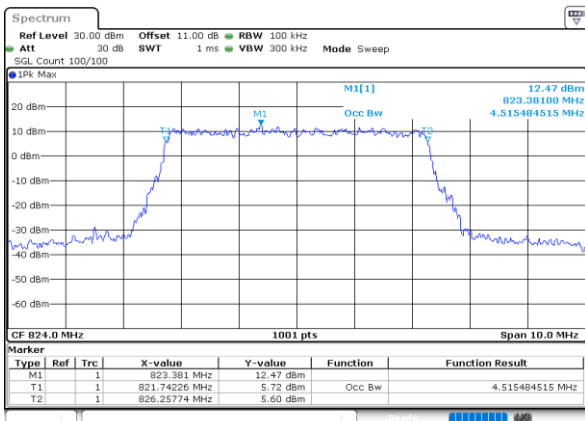
824 MHz / 1.4MHz / 256QAM



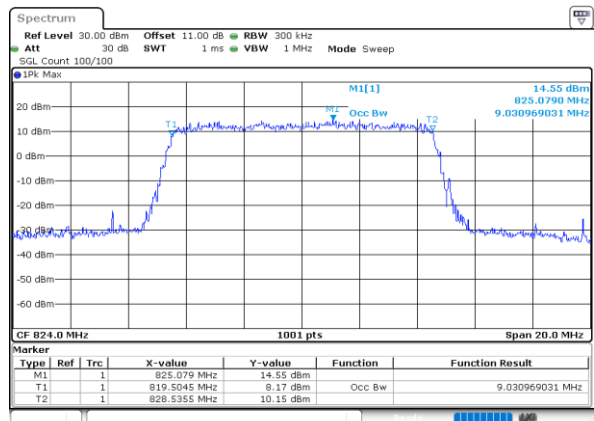
824 MHz / 3MHz / 256QAM



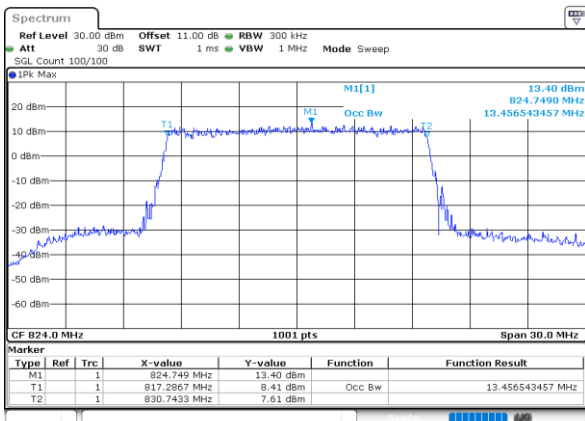
824 MHz / 5MHz / 256QAM



824 MHz / 10MHz / 256QAM



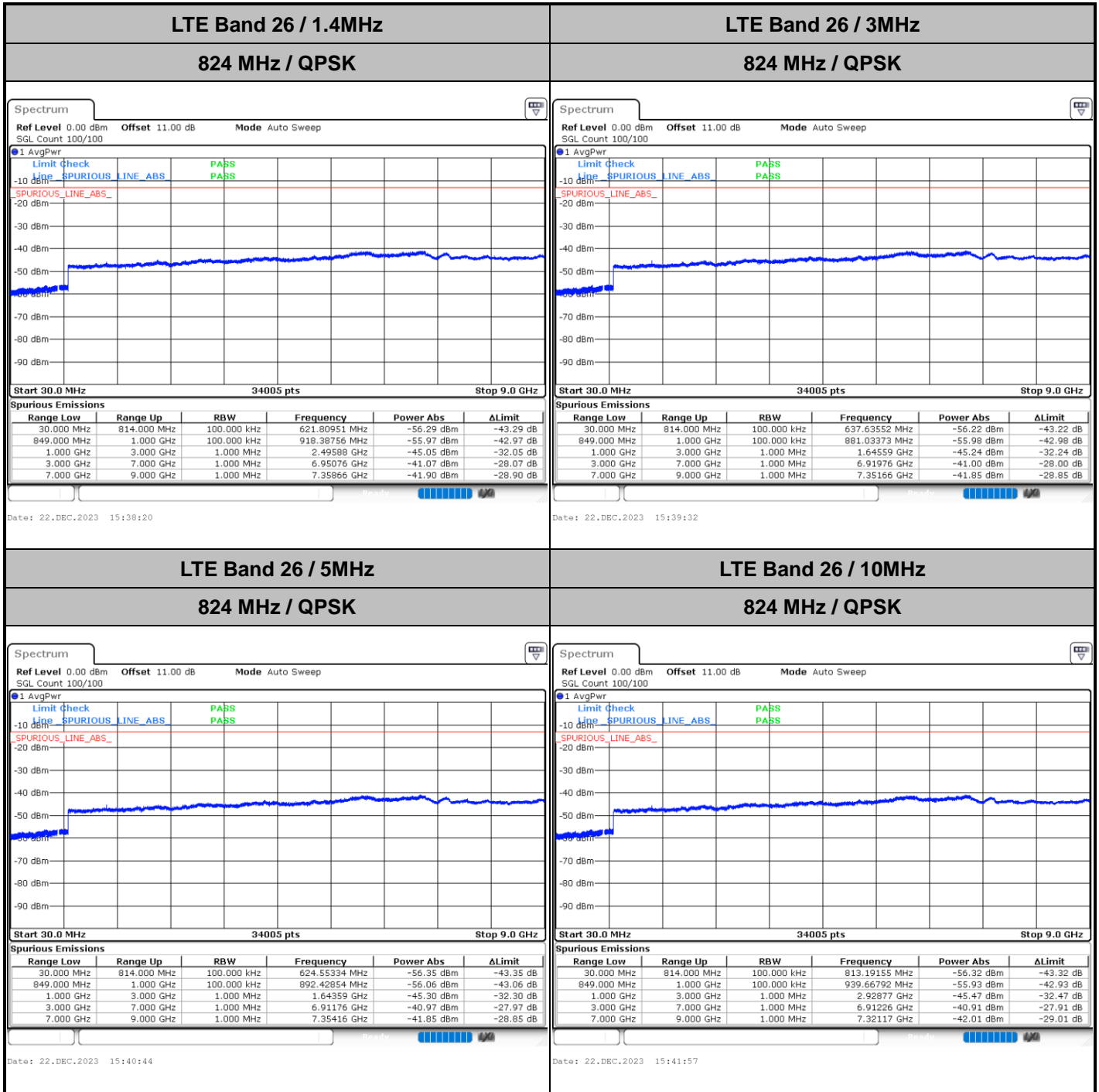
824 MHz /15MHz / 256QAM

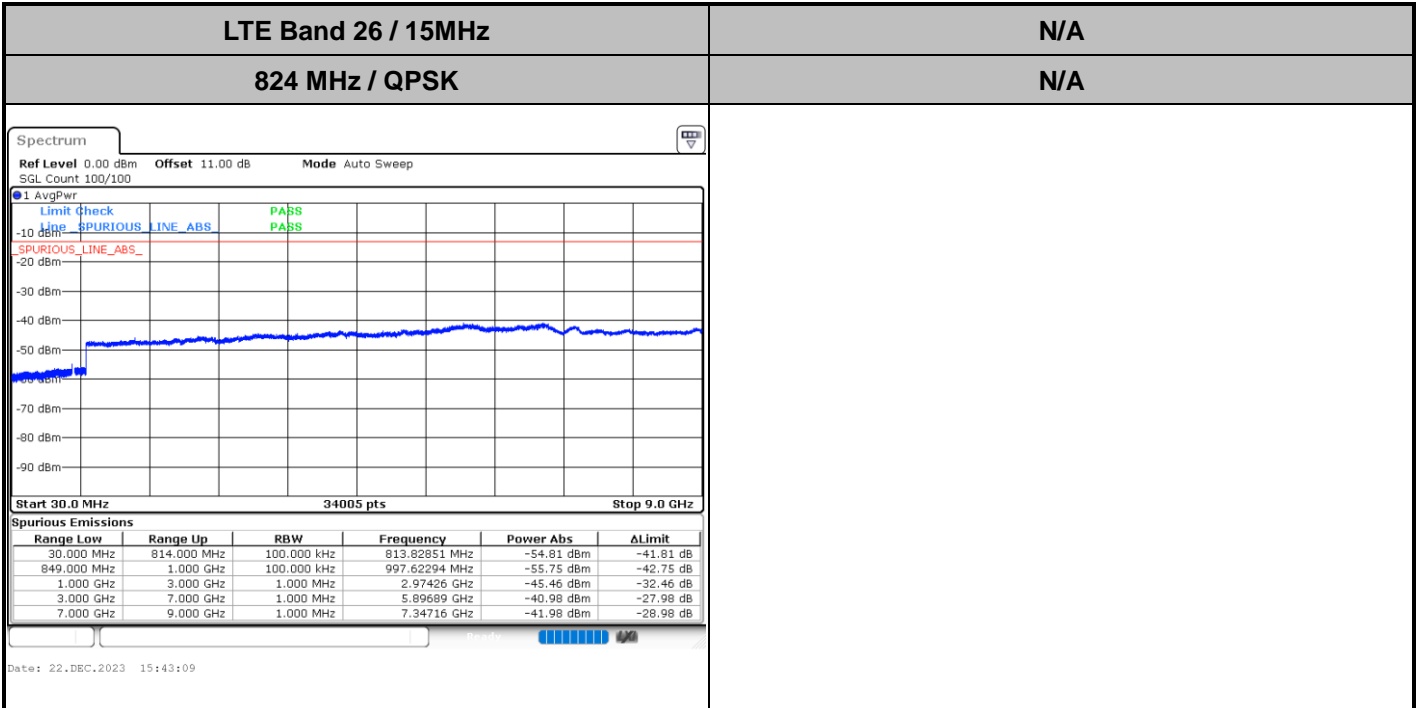


N/A



Conducted Spurious Emission







Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

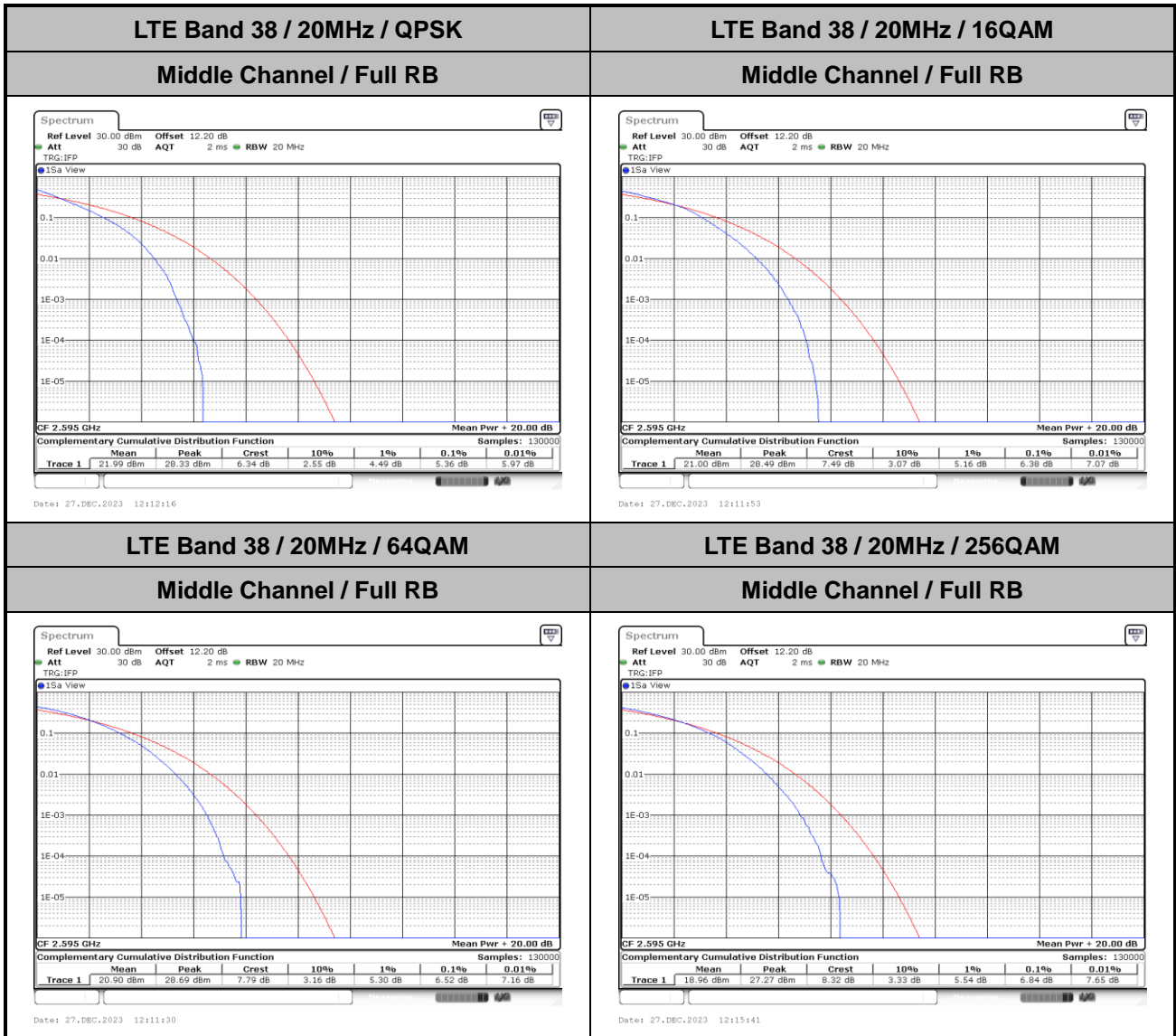
- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.36	6.38	6.52	6.84	PASS





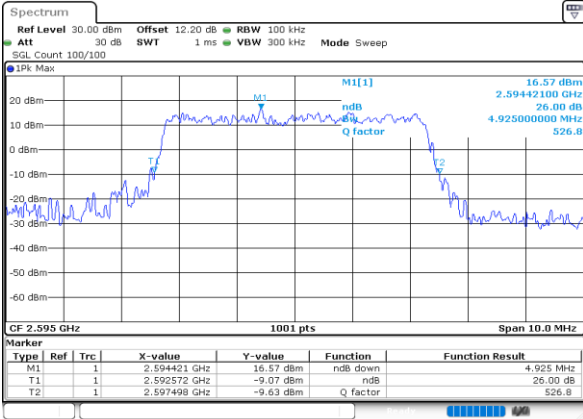
26dB Bandwidth

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
Middle CH	-	-	-	-	4.92	4.83	9.75	9.71	14.26	14.26	18.74	18.70
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.88	4.89	9.83	9.83	14.50	14.26	18.90	18.74



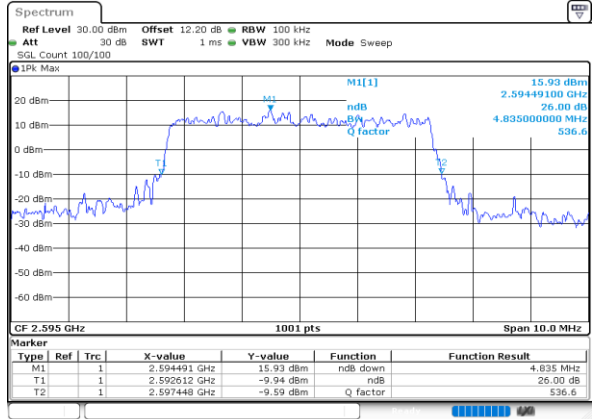
LTE Band 38

Middle Channel / 5MHz / QPSK



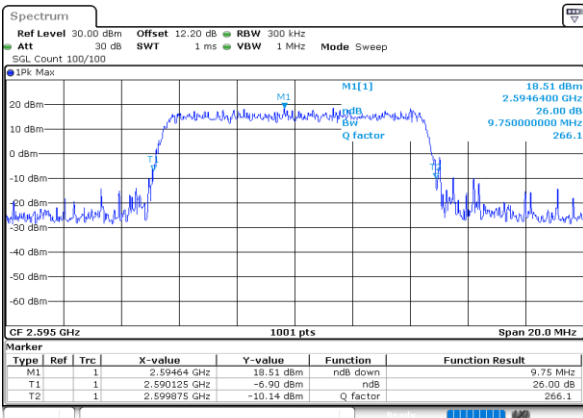
Date: 27 DEC.2023 12:03:12

Middle Channel / 5MHz / 16QAM



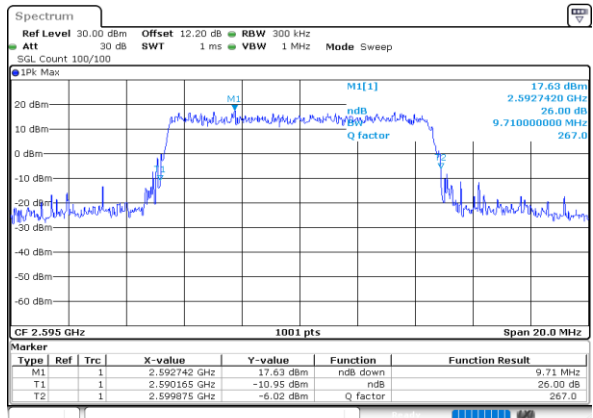
Date: 27 DEC.2023 12:03:35

Middle Channel / 10MHz / QPSK



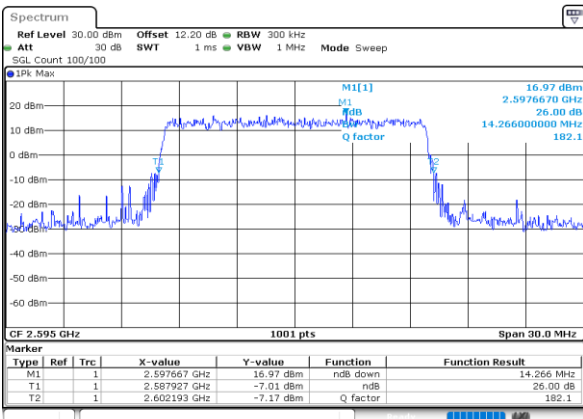
Date: 27 DEC.2023 12:04:42

Middle Channel / 10MHz / 16QAM



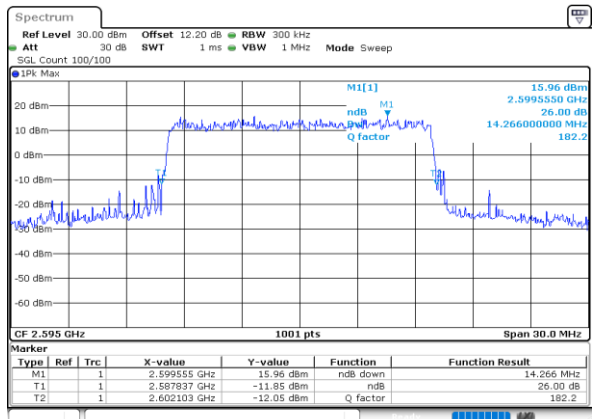
Date: 27 DEC.2023 12:05:05

Middle Channel / 15MHz / QPSK



Date: 27 DEC.2023 12:06:13

Middle Channel / 15MHz / 16QAM

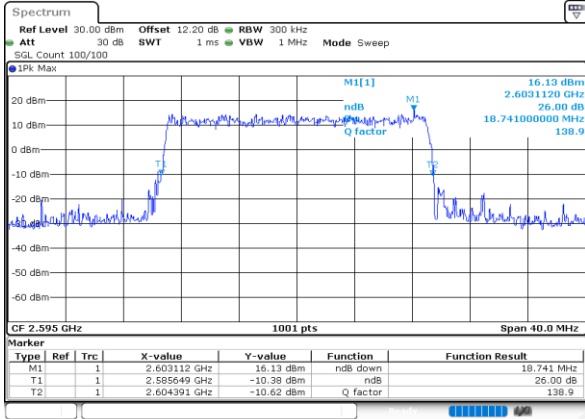


Date: 27 DEC.2023 12:06:35



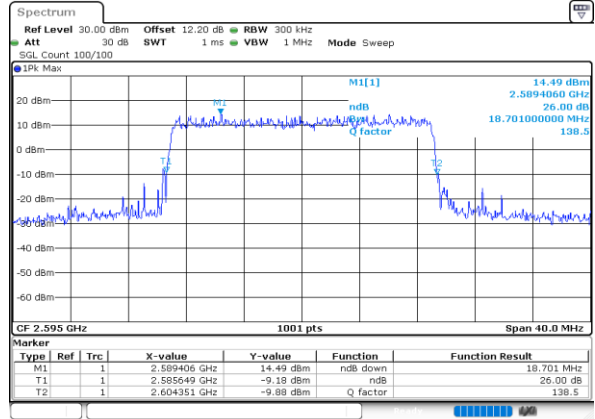
LTE Band 38

Middle Channel / 20MHz / QPSK



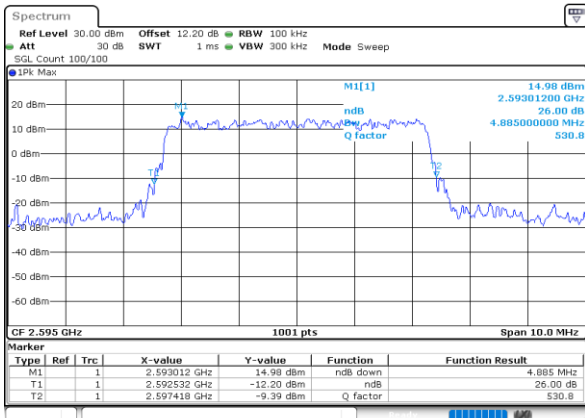
Date: 27 DEC.2023 12:07:43

Middle Channel / 20MHz / 16QAM



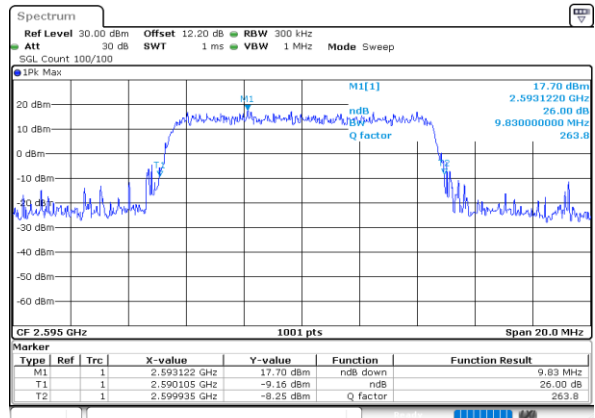
Date: 27 DEC.2023 12:08:05

Middle Channel / 5MHz / 64QAM



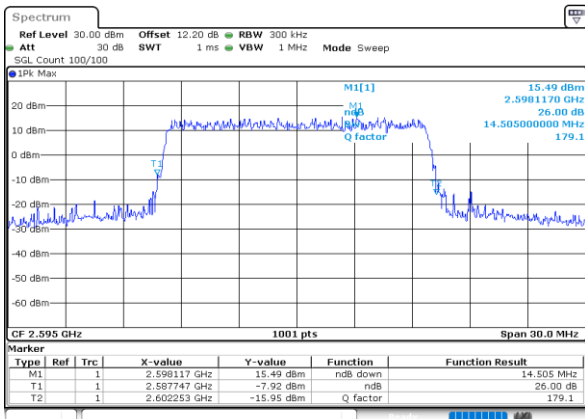
Date: 27 DEC.2023 12:08:50

Middle Channel / 10MHz / 64QAM



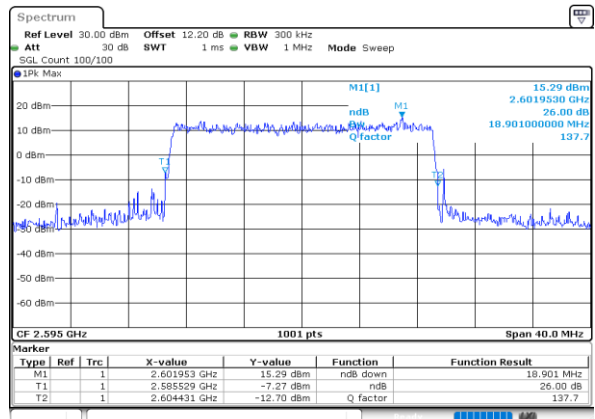
Date: 27 DEC.2023 12:09:36

Middle Channel / 15MHz / 64QAM



Date: 27 DEC.2023 12:10:21

Middle Channel / 20MHz / 64QAM

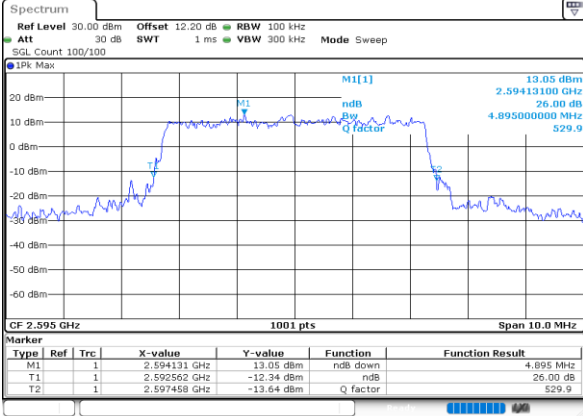


Date: 27 DEC.2023 12:11:06



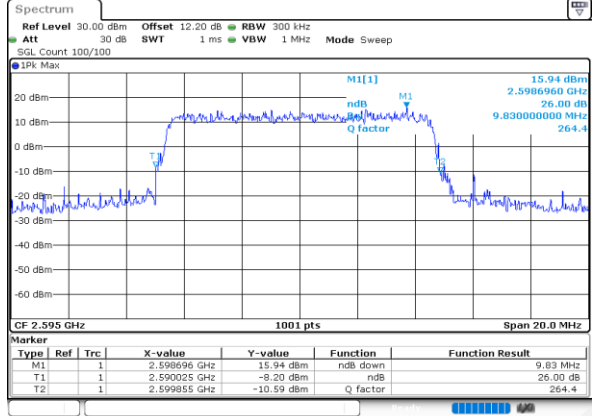
LTE Band 38

Middle Channel / 5MHz / 256QAM



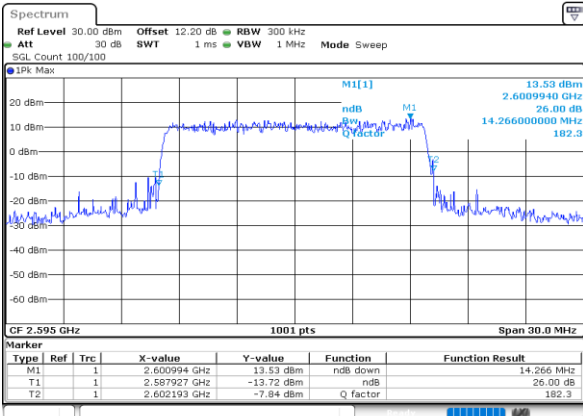
Date: 27 DEC 2023 12:13:02

Middle Channel / 10MHz / 256QAM



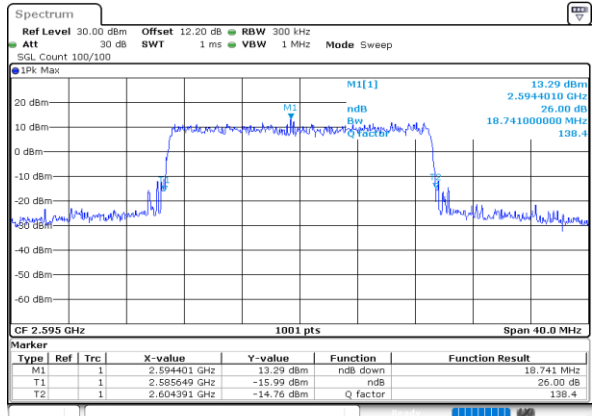
Date: 27 DEC 2023 12:13:47

Middle Channel / 15MHz / 256QAM



Date: 27 DEC 2023 12:14:32

Middle Channel / 20MHz / 256QAM



Date: 27 DEC 2023 12:15:17



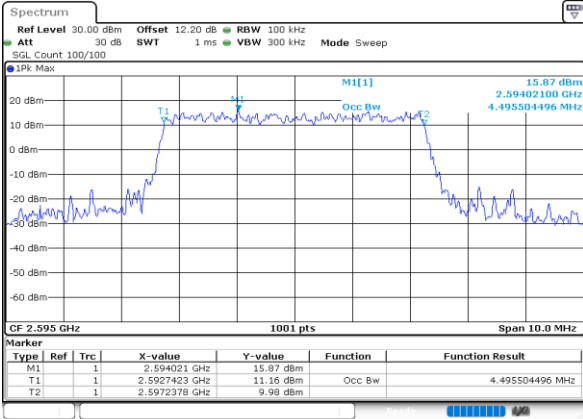
Occupied Bandwidth

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.05	9.07	13.45	13.45	17.86	17.82
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	4.48	9.05	9.03	13.48	13.45	17.82	17.94



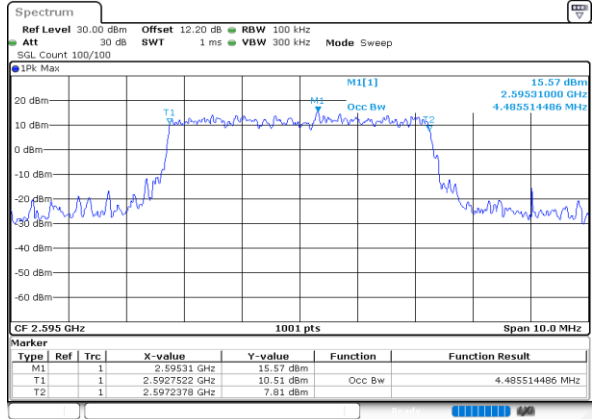
LTE Band 38

Middle Channel / 5MHz / QPSK



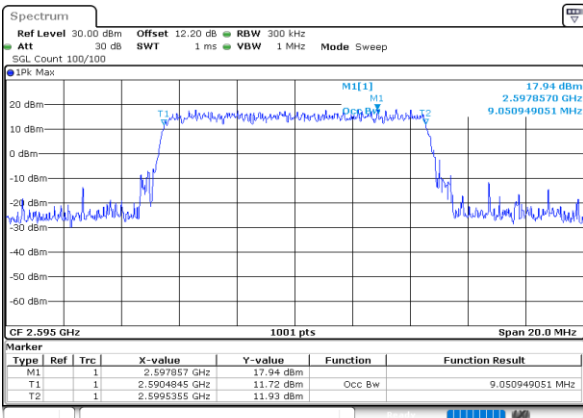
Date: 27 DEC 2023 12:02:28

Middle Channel / 5MHz / 16QAM



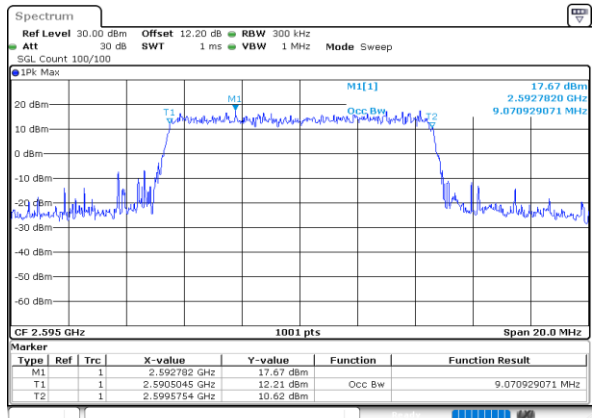
Date: 27 DEC 2023 12:02:50

Middle Channel / 10MHz / QPSK



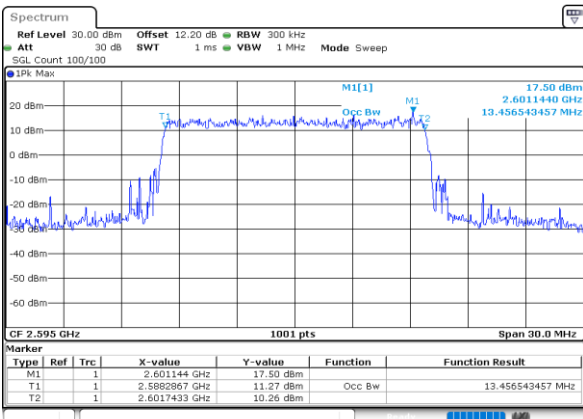
Date: 27 DEC 2023 12:03:58

Middle Channel / 10MHz / 16QAM



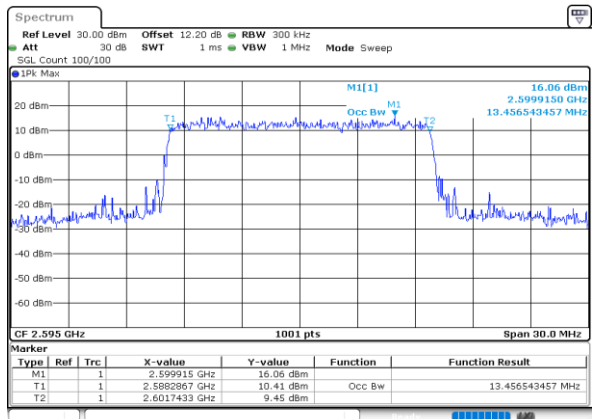
Date: 27 DEC 2023 12:04:20

Middle Channel / 15MHz / QPSK



Date: 27 DEC 2023 12:05:28

Middle Channel / 15MHz / 16QAM

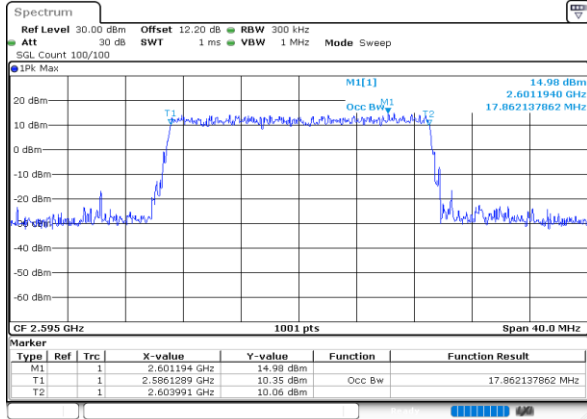


Date: 27 DEC 2023 12:05:50



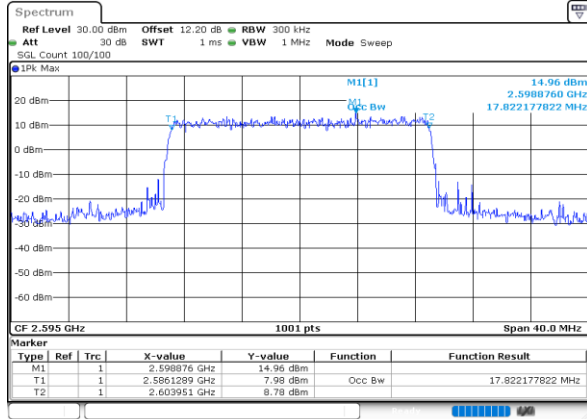
LTE Band 38

Middle Channel / 20MHz / QPSK



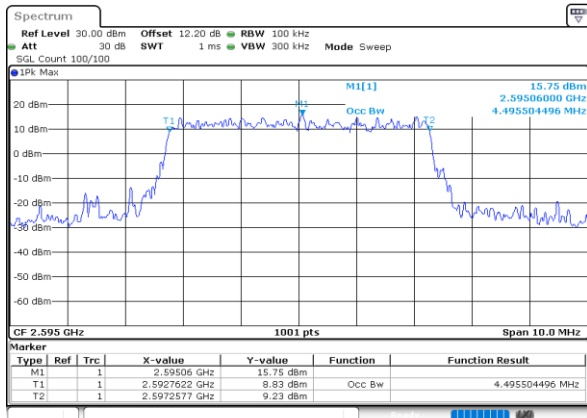
Date: 27 DEC.2023 12:06:58

Middle Channel / 20MHz / 16QAM



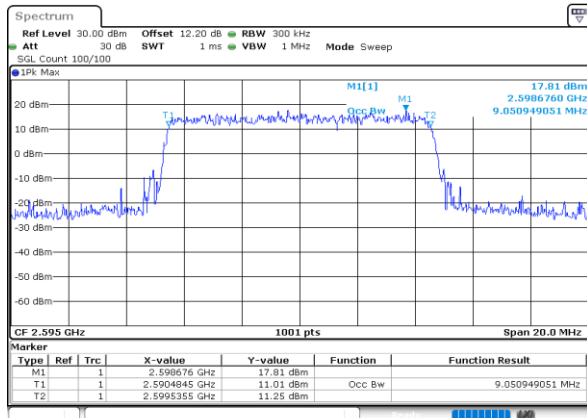
Date: 27 DEC.2023 12:07:20

Middle Channel / 5MHz / 64QAM



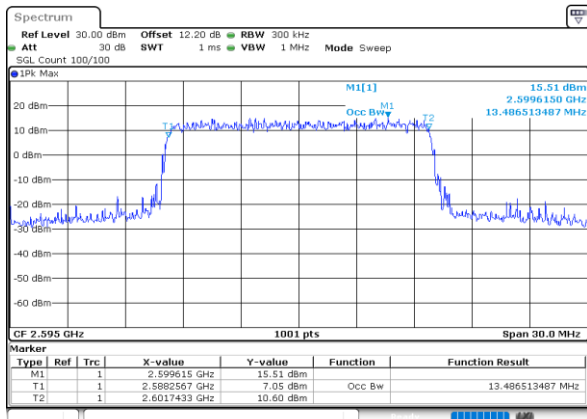
Date: 27 DEC.2023 12:08:28

Middle Channel / 10MHz / 64QAM



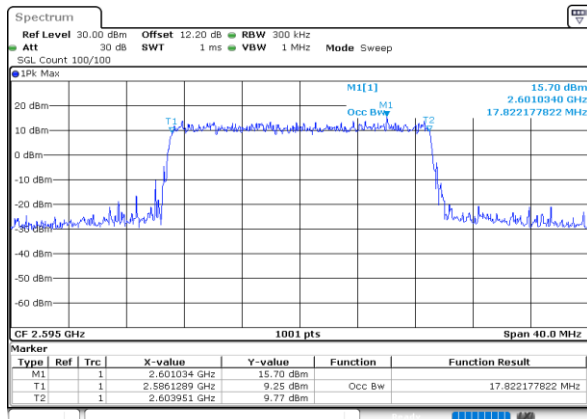
Date: 27 DEC.2023 12:09:13

Middle Channel / 15MHz / 64QAM



Date: 27 DEC.2023 12:09:59

Middle Channel / 20MHz / 64QAM

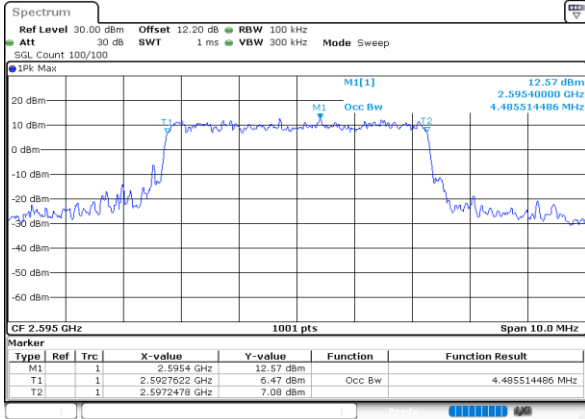


Date: 27 DEC.2023 12:10:44



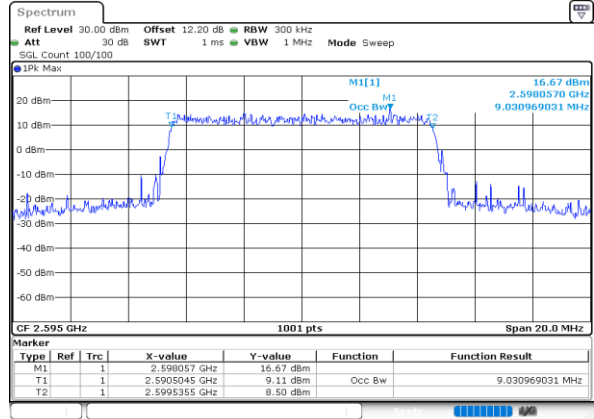
LTE Band 38

Middle Channel / 5MHz / 256QAM



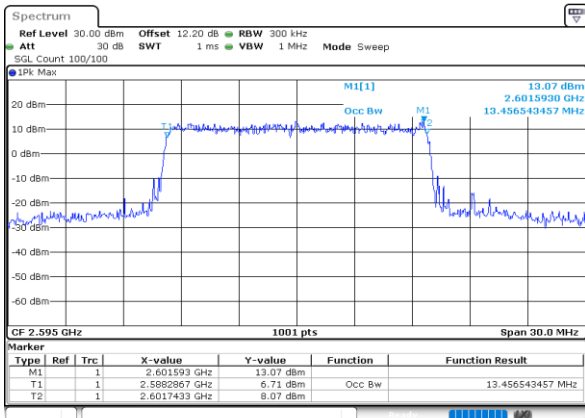
Date: 27.DEC.2023 12:12:39

Middle Channel / 10MHz / 256QAM



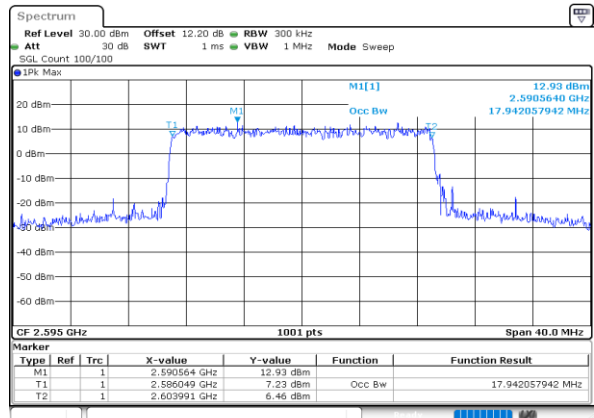
Date: 27.DEC.2023 12:13:25

Middle Channel / 15MHz / 256QAM



Date: 27.DEC.2023 12:14:10

Middle Channel / 20MHz / 256QAM



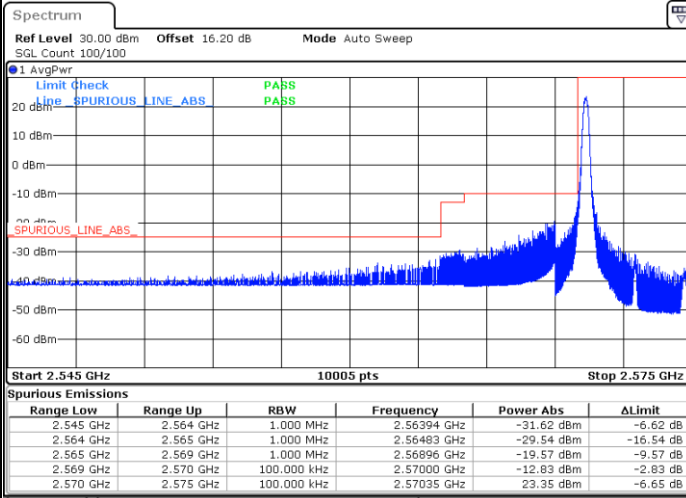
Date: 27.DEC.2023 12:14:55



Conducted Band Edge

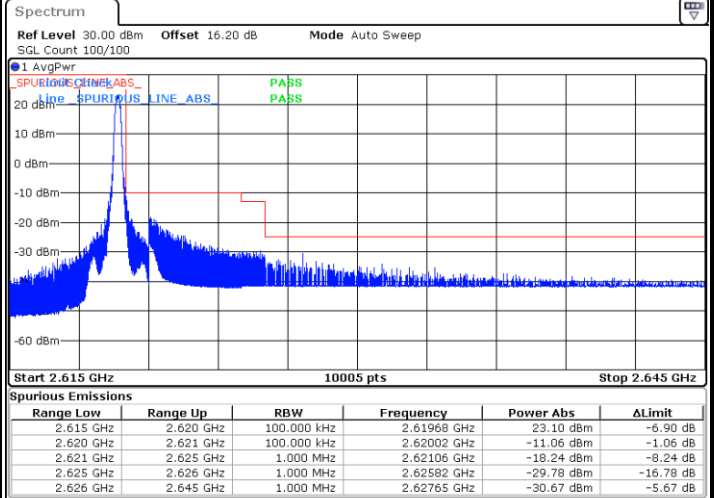
LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB



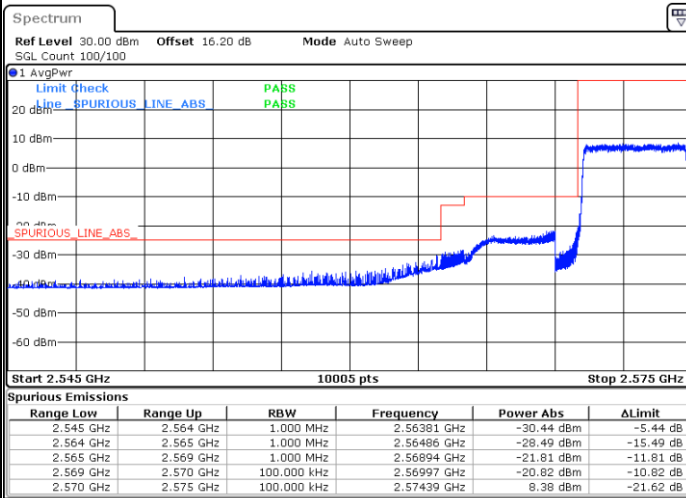
Date: 27.DEC.2023 10:58:54

Highest Band Edge / 1 RB



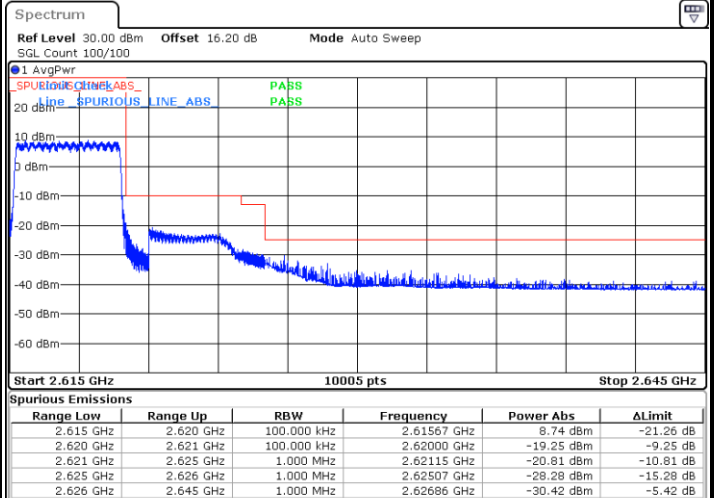
Date: 27.DEC.2023 11:04:07

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:00:38

Highest Band Edge / Full RB

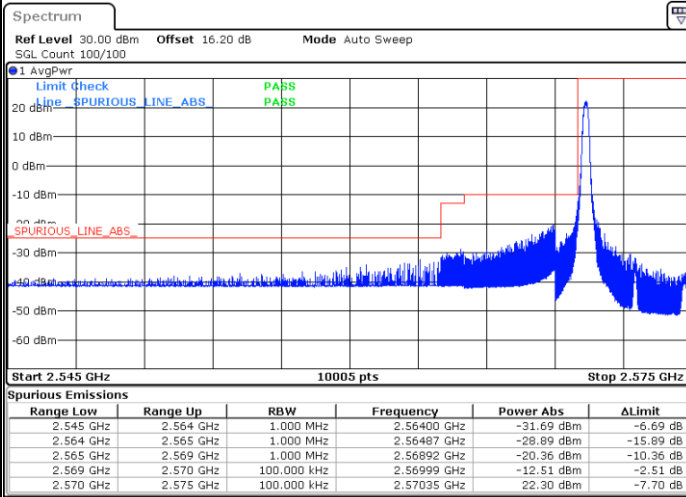


Date: 27.DEC.2023 11:02:22



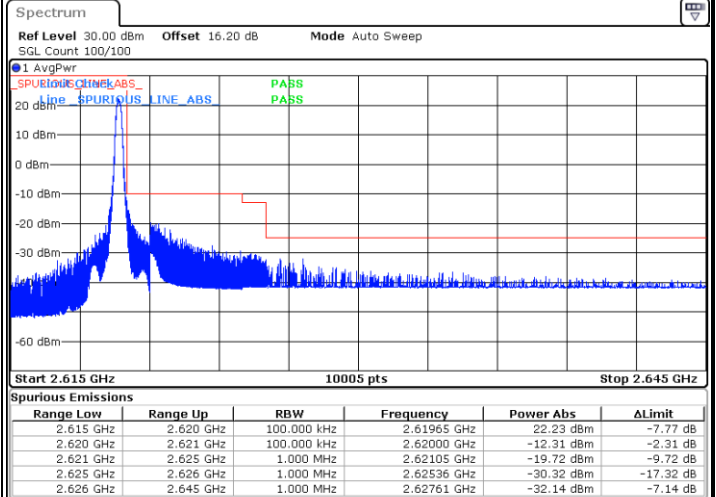
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



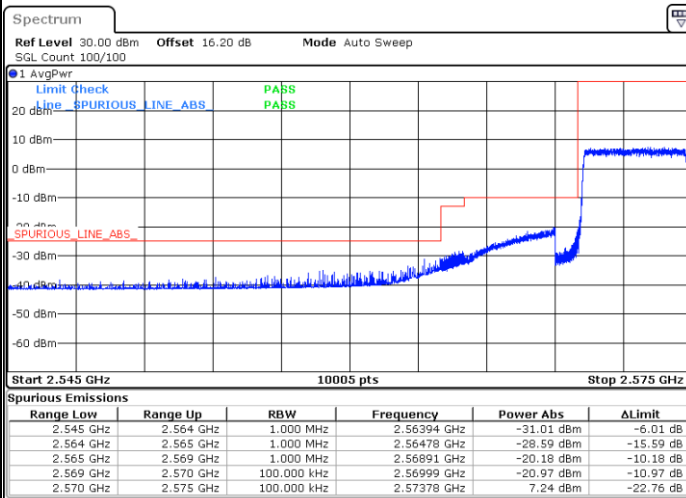
Date: 27.DEC.2023 10:59:46

Highest Band Edge / 1 RB



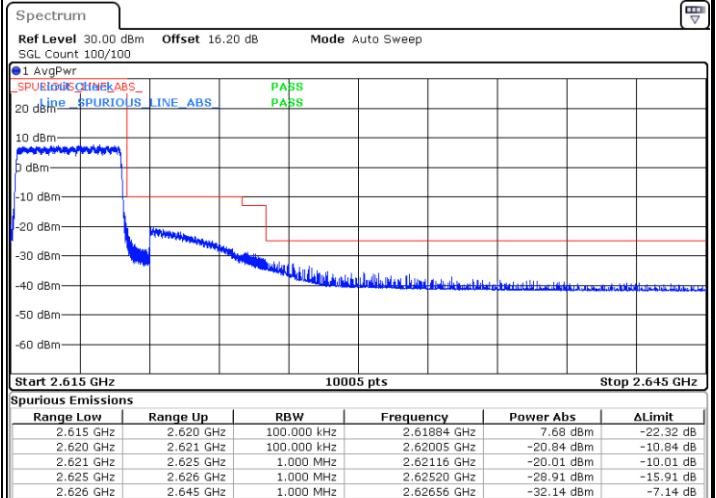
Date: 27.DEC.2023 11:04:59

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:01:30

Highest Band Edge / Full RB

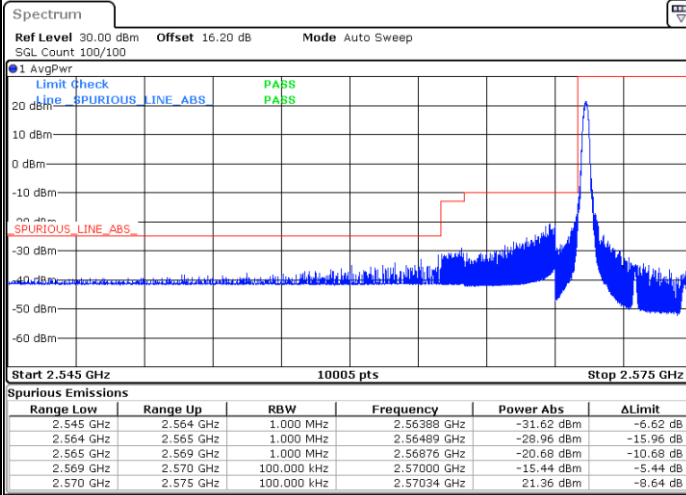


Date: 27.DEC.2023 11:03:14



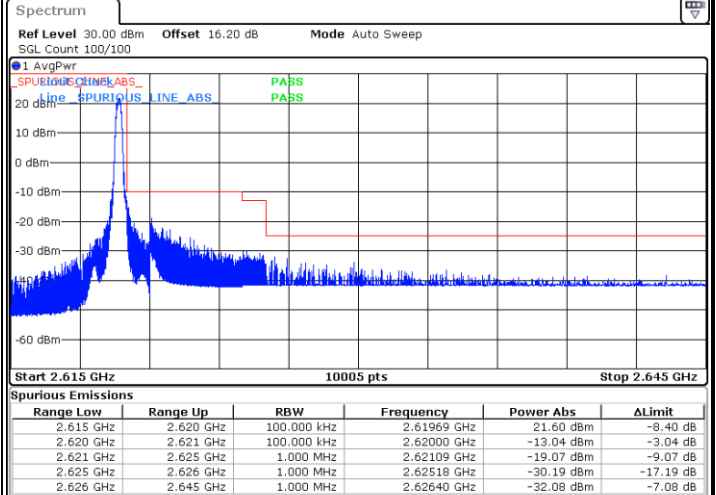
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



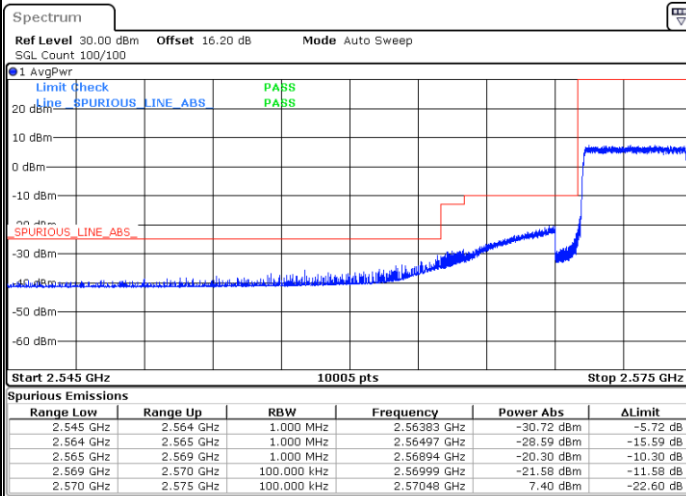
Date: 27.DEC.2023 11:05:51

Highest Band Edge / 1 RB



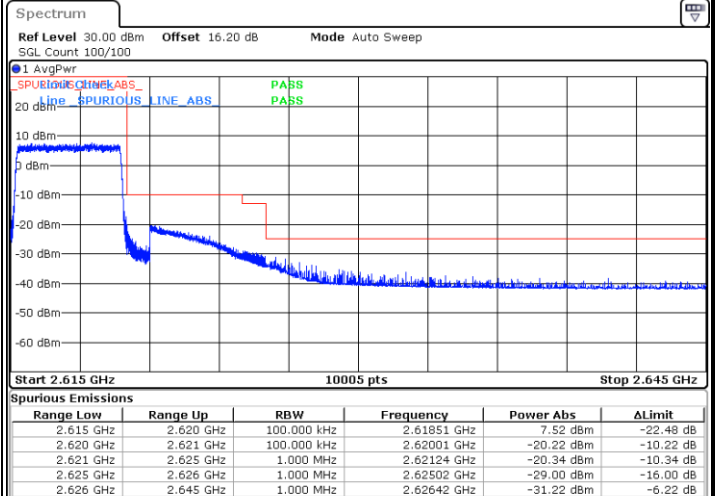
Date: 27.DEC.2023 11:08:27

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:06:43

Highest Band Edge / Full RB

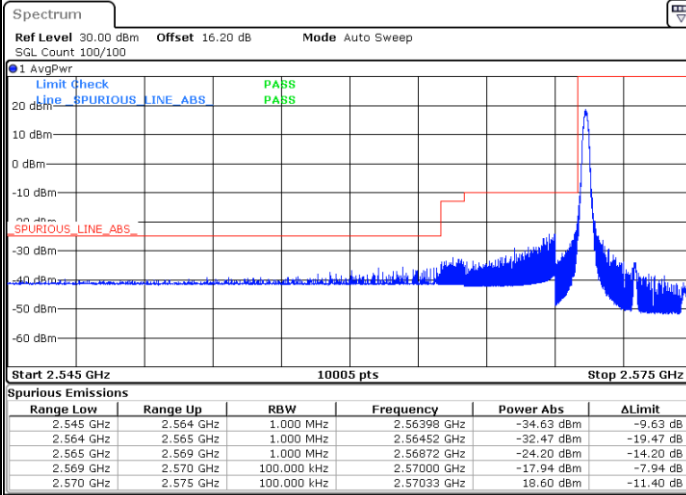


Date: 27.DEC.2023 11:07:34



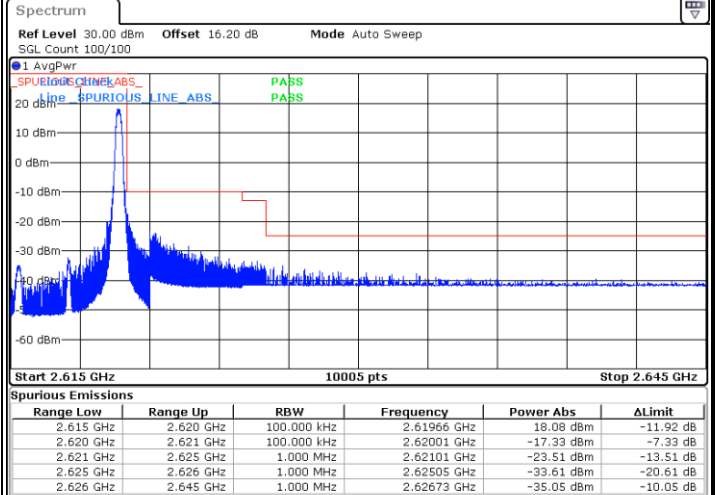
LTE Band 38 / 5MHz / 256QAM

Lowest Band Edge / 1RB



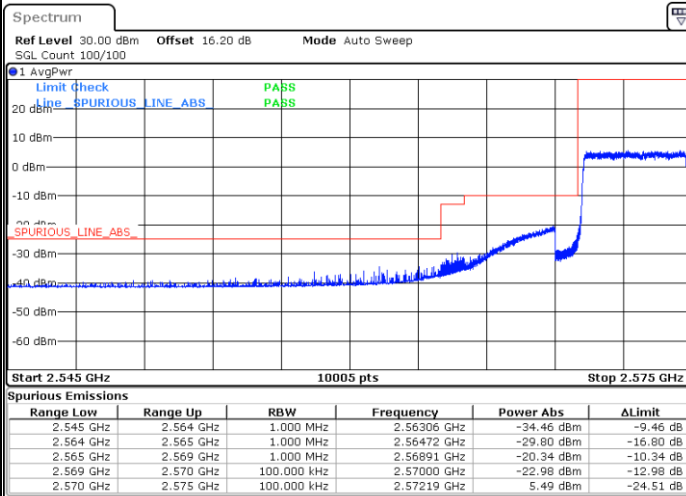
Date: 27.DEC.2023 11:50:41

Highest Band Edge / 1 RB



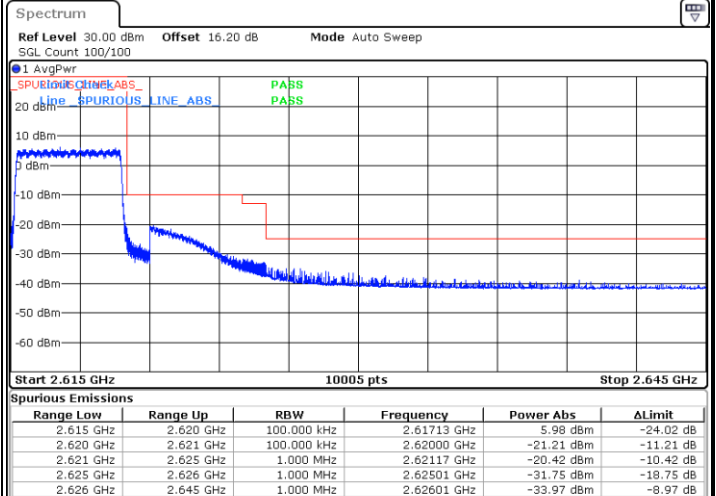
Date: 27.DEC.2023 11:53:26

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:51:36

Highest Band Edge / Full RB

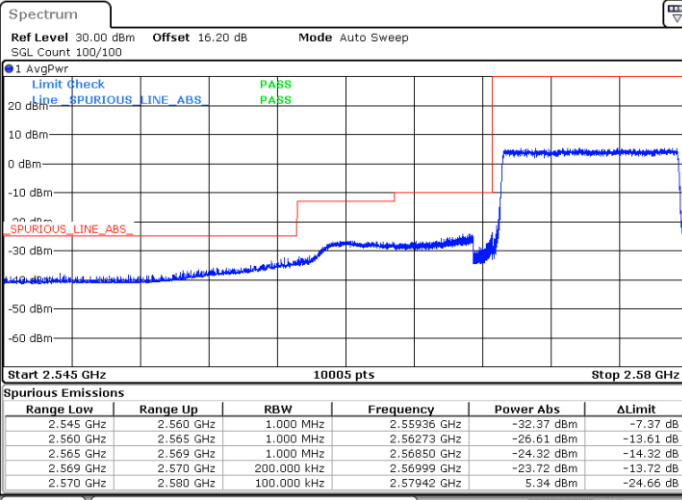


Date: 27.DEC.2023 11:52:31



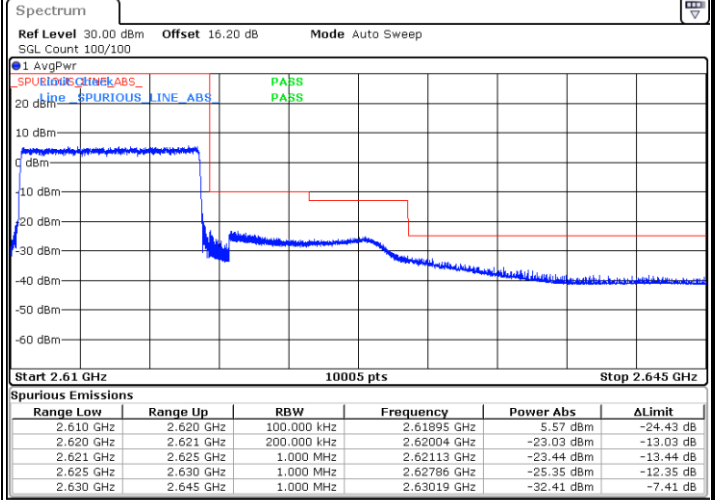
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:11:03

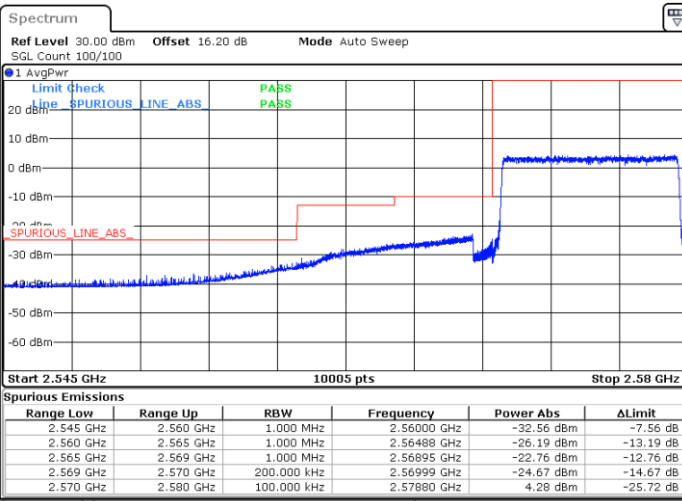
Highest Band Edge / Full RB



Date: 27.DEC.2023 11:12:47

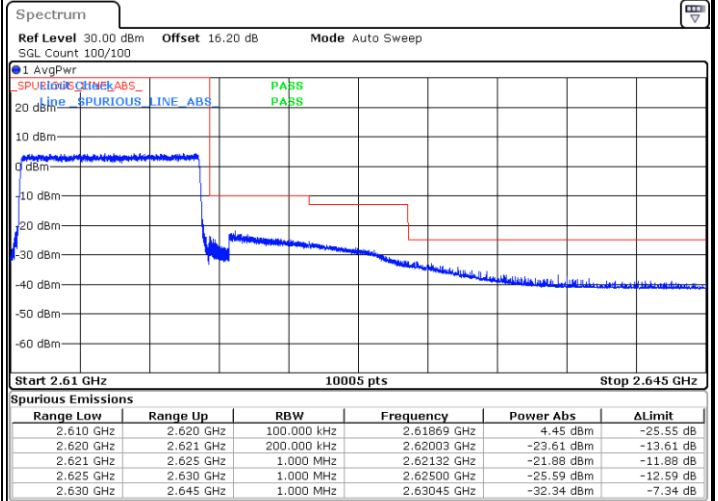
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:11:55

Highest Band Edge / Full RB

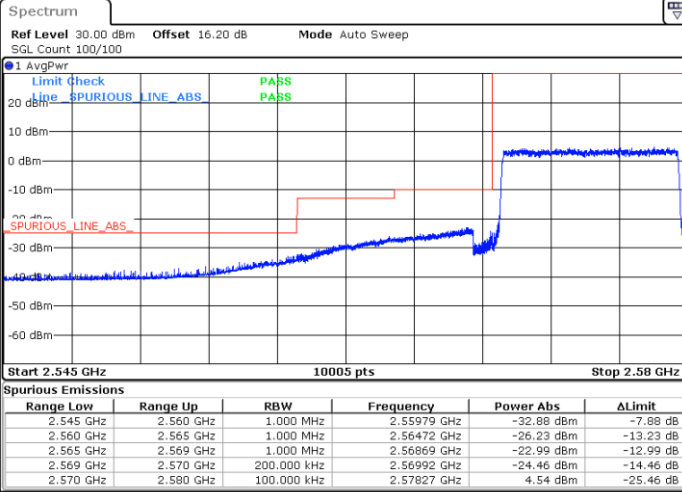


Date: 27.DEC.2023 11:13:39



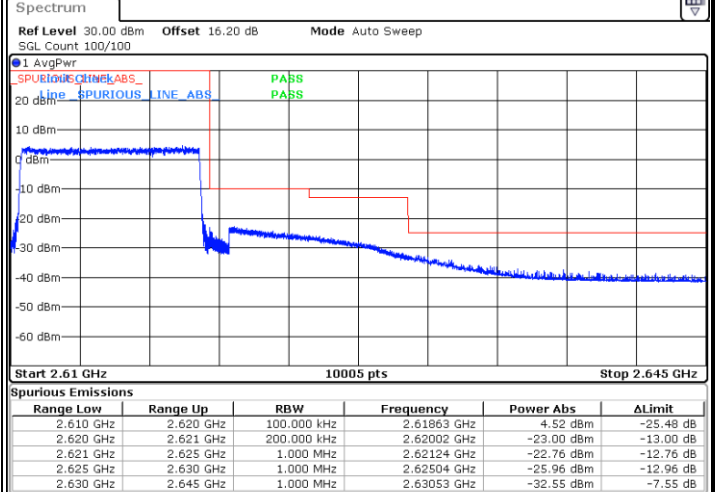
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:09:19

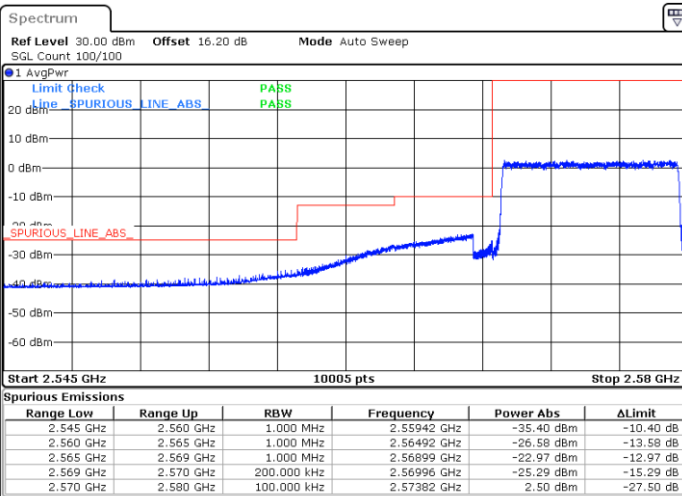
Highest Band Edge / Full RB



Date: 27.DEC.2023 11:10:11

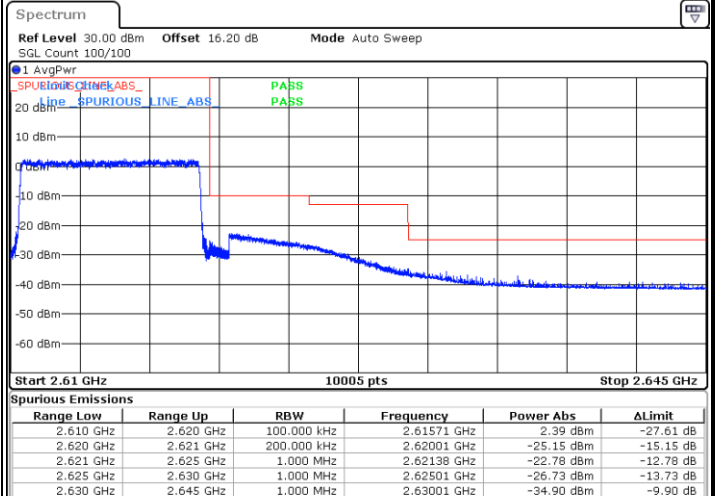
LTE Band 38 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:55:18

Highest Band Edge / Full RB

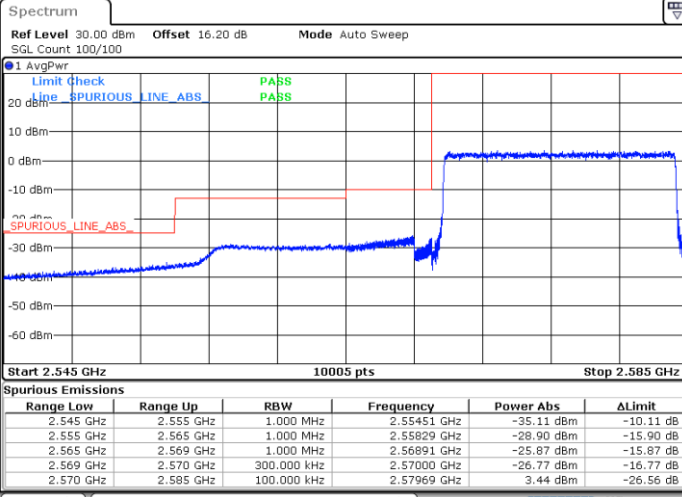


Date: 27.DEC.2023 11:56:12



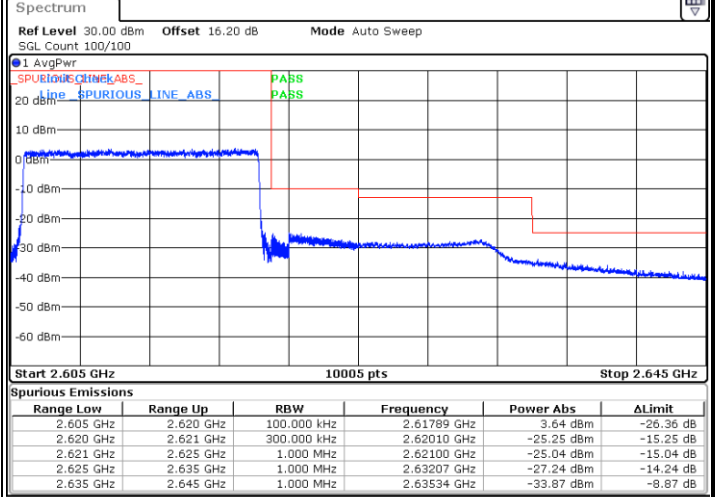
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:14:32

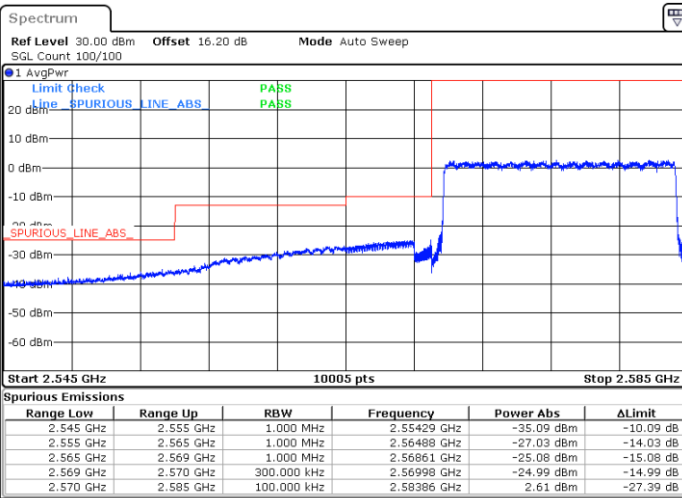
Highest Band Edge / Full RB



Date: 27.DEC.2023 11:16:16

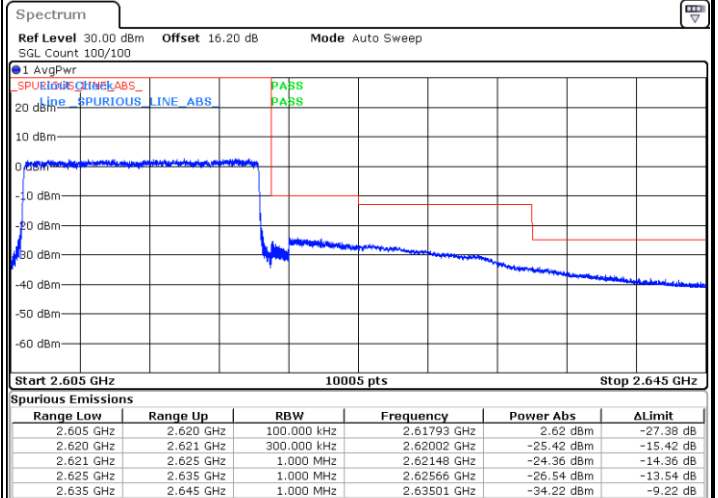
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:15:24

Highest Band Edge / Full RB

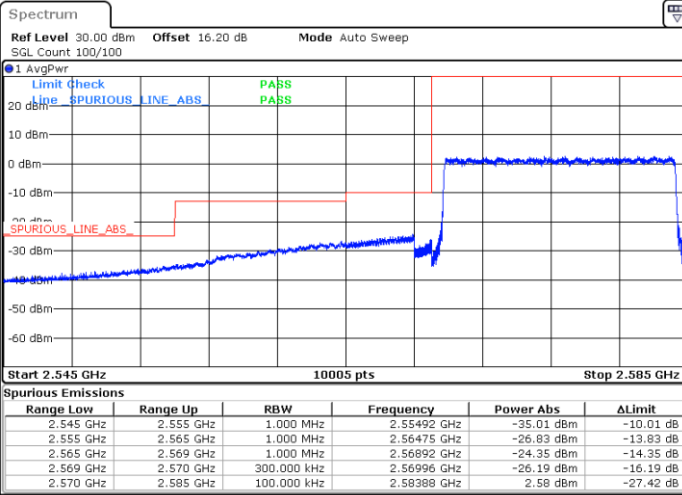


Date: 27.DEC.2023 11:17:07



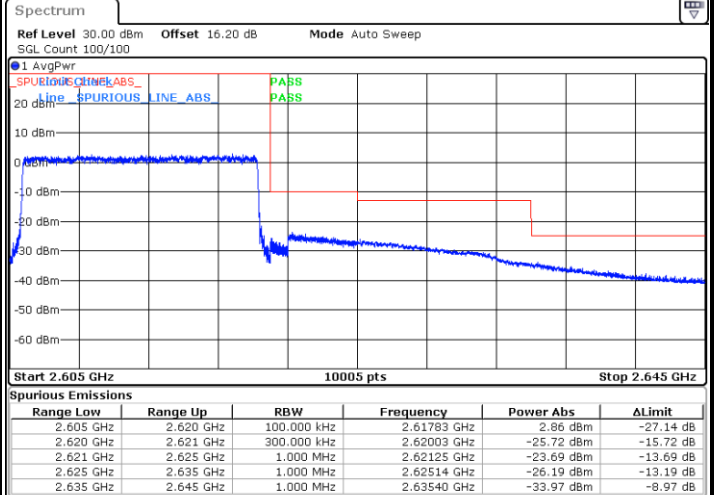
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:17:59

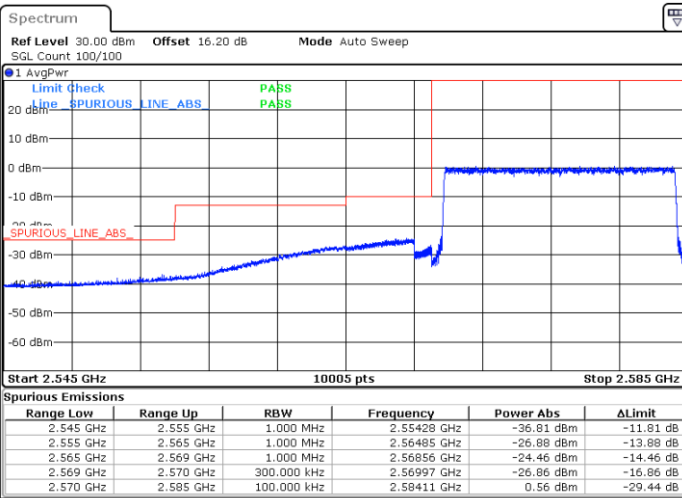
Highest Band Edge / Full RB



Date: 27.DEC.2023 11:18:51

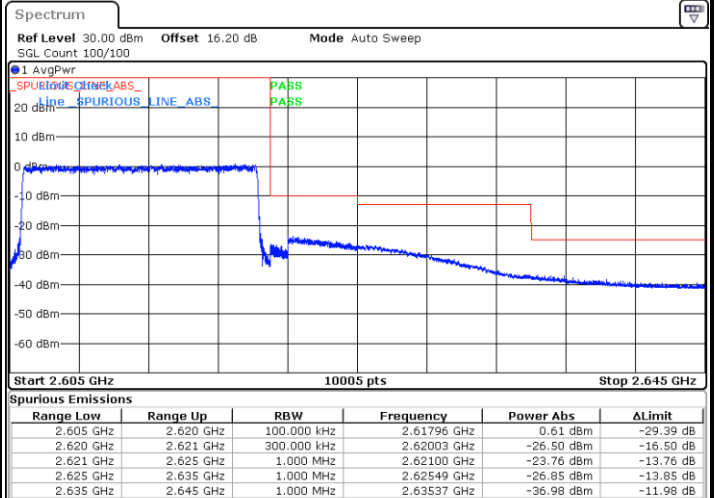
LTE Band 38 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:57:48

Highest Band Edge / Full RB

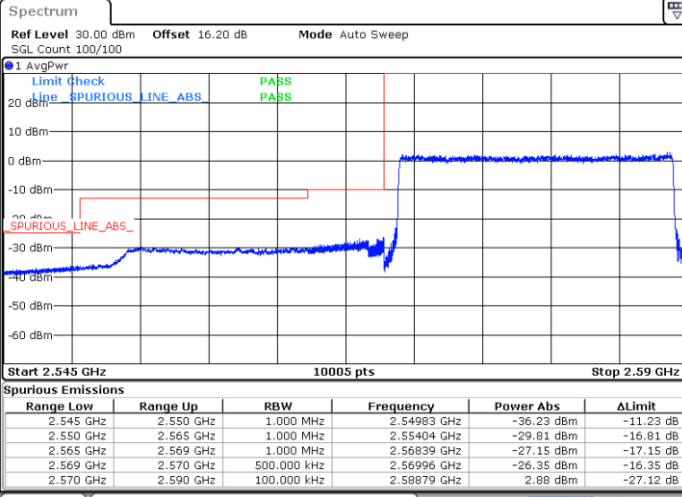


Date: 27.DEC.2023 11:58:42



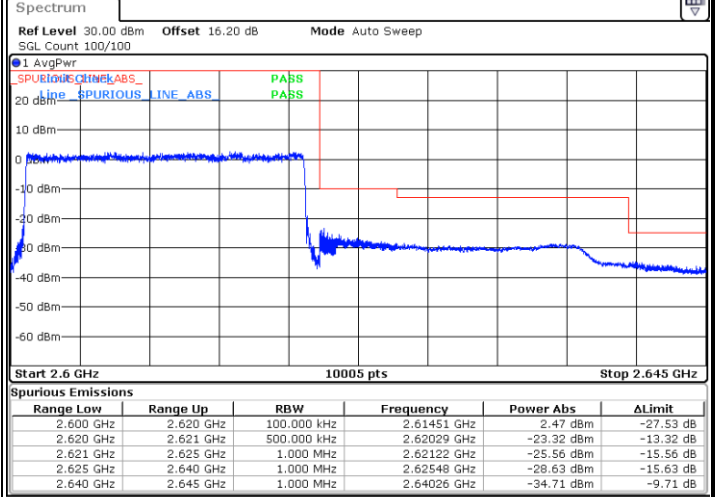
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:19:44

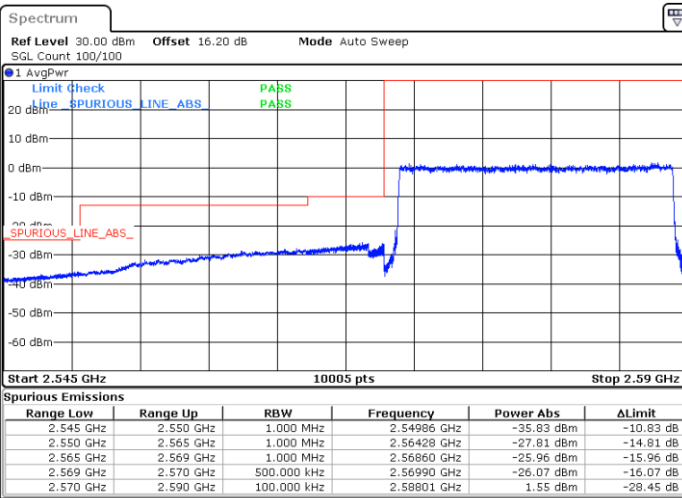
Highest Band Edge / Full RB



Date: 27.DEC.2023 11:21:28

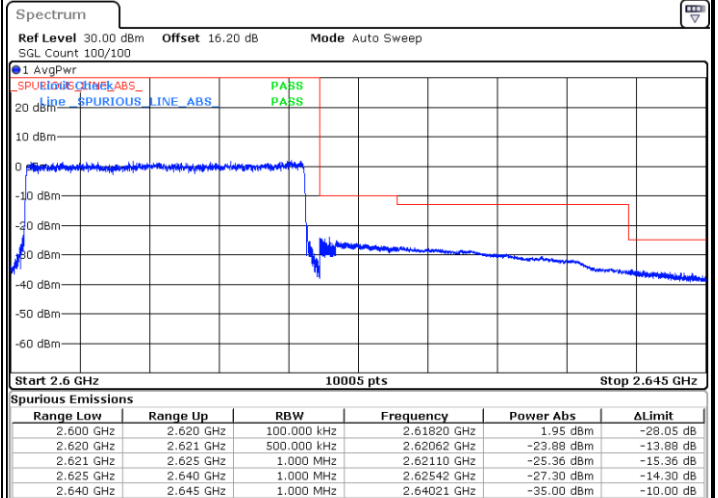
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:20:36

Highest Band Edge / Full RB

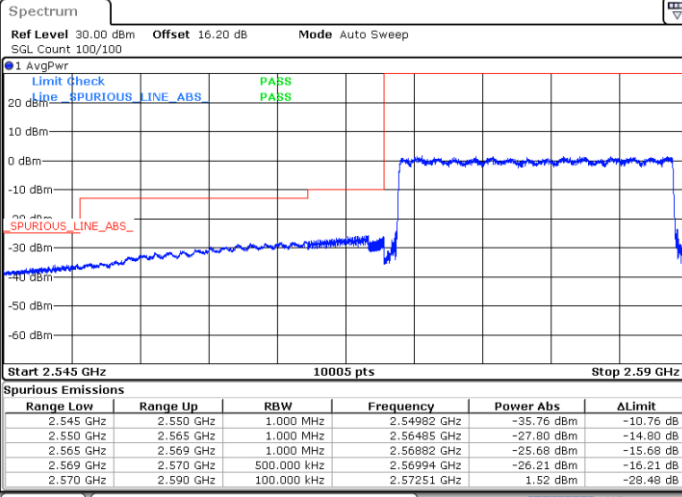


Date: 27.DEC.2023 11:22:20



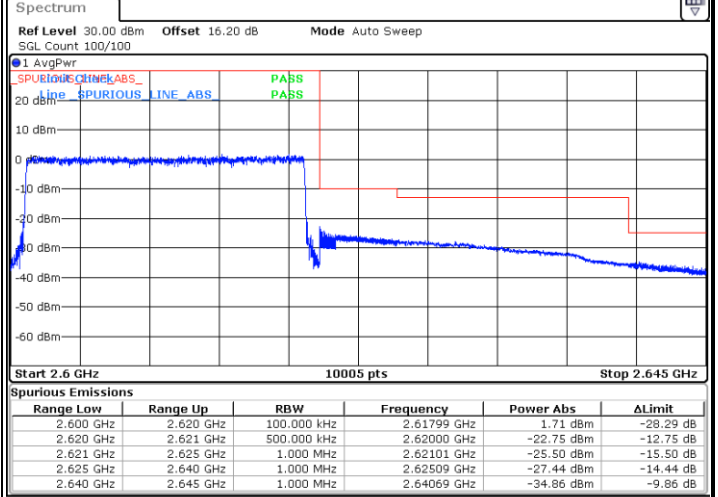
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 11:23:12

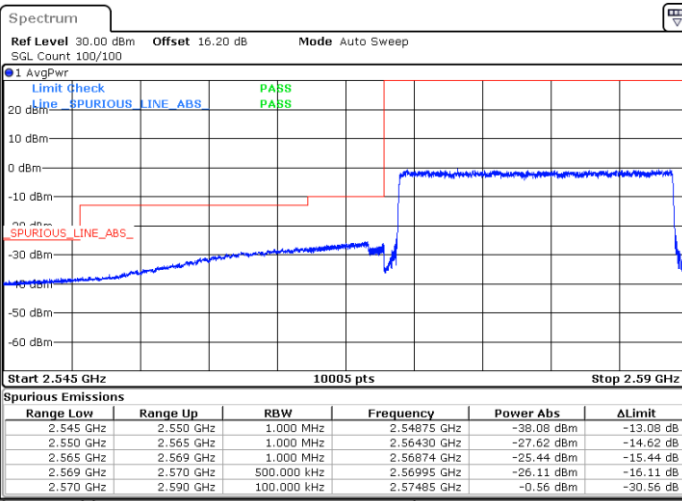
Highest Band Edge / Full RB



Date: 27.DEC.2023 11:24:04

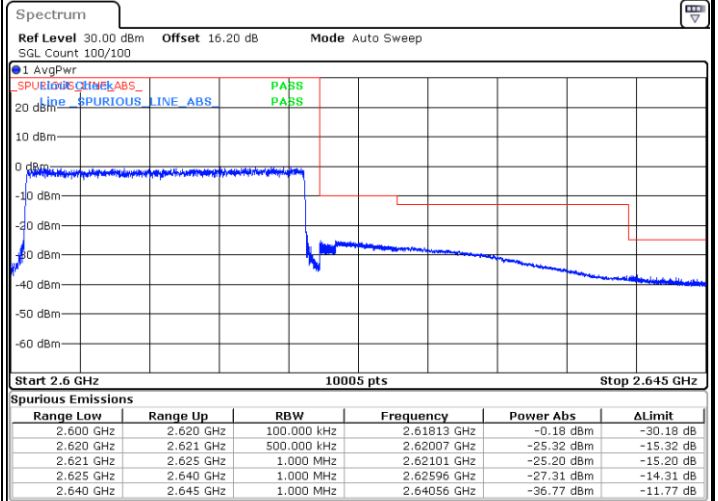
LTE Band 38 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 27.DEC.2023 12:00:22

Highest Band Edge / Full RB



Date: 27.DEC.2023 12:01:16