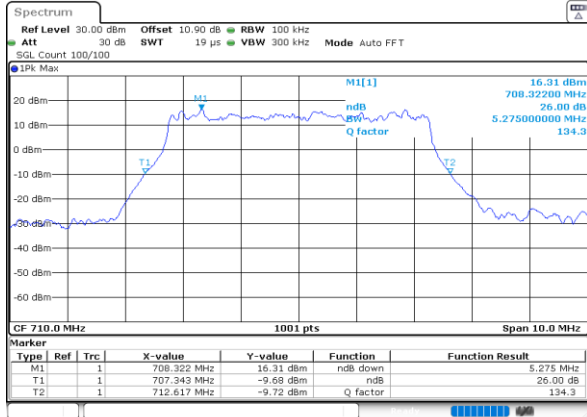




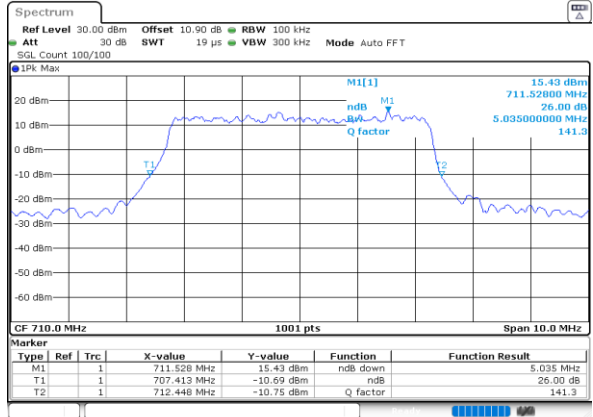
LTE Band 17

Middle Channel / 5MHz / QPSK



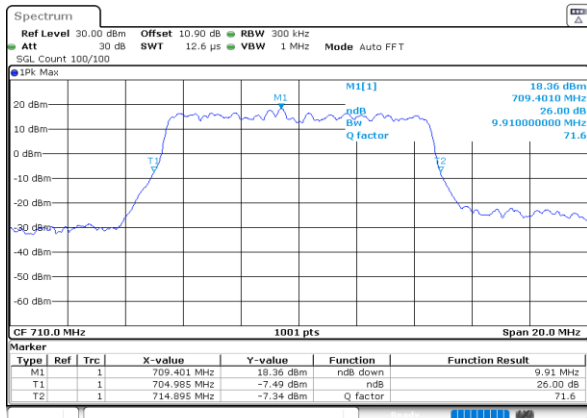
Date: 1.AUG.2023 23:22:16

Middle Channel / 5MHz / 16QAM



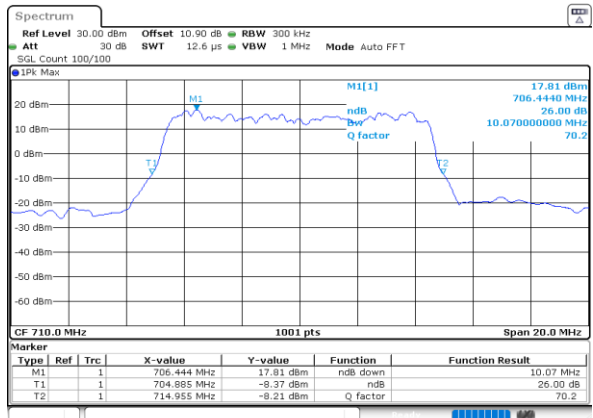
Date: 1.AUG.2023 23:22:45

Middle Channel / 10MHz / QPSK



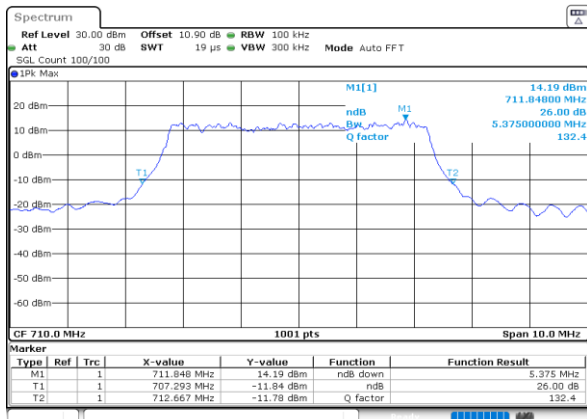
Date: 1.AUG.2023 23:32:36

Middle Channel / 10MHz / 16QAM



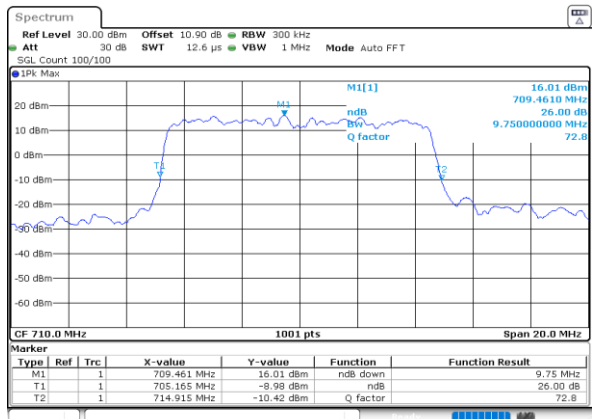
Date: 1.AUG.2023 23:33:05

Middle Channel / 5MHz / 64QAM



Date: 1.AUG.2023 23:37:56

Middle Channel / 10MHz / 64QAM



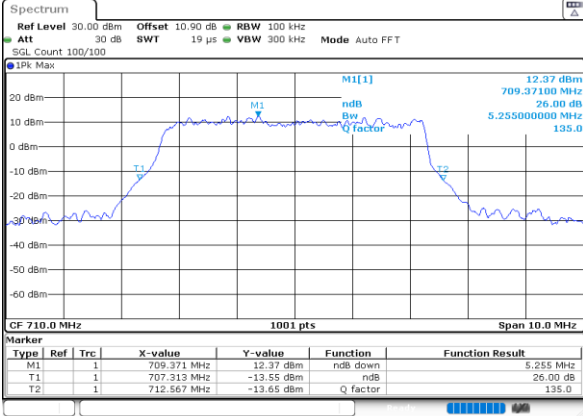
Date: 1.AUG.2023 23:41:45



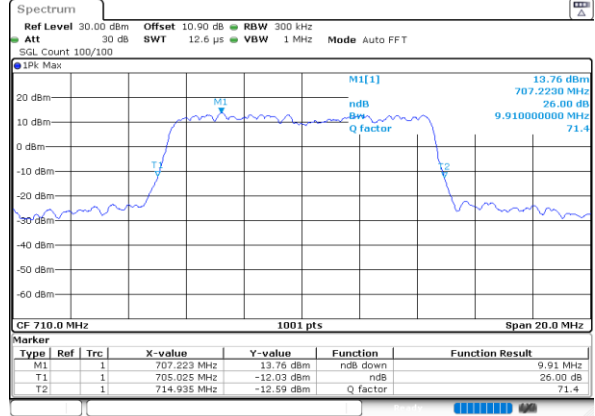
LTE Band 17

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 1.AUG.2023 23:47:09



Date: 1.AUG.2023 23:50:58



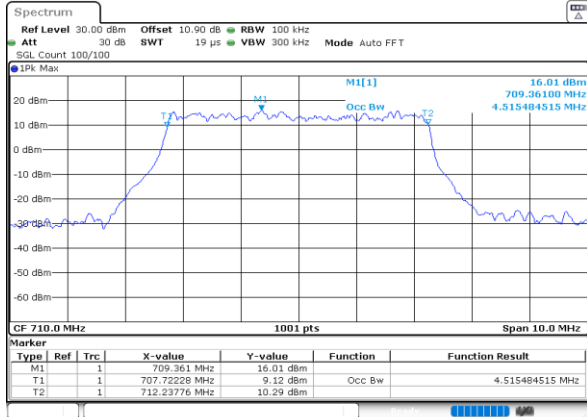
Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.52	4.56	9.11	9.09	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	4.55	4.50	9.05	9.05	-	-	-	-



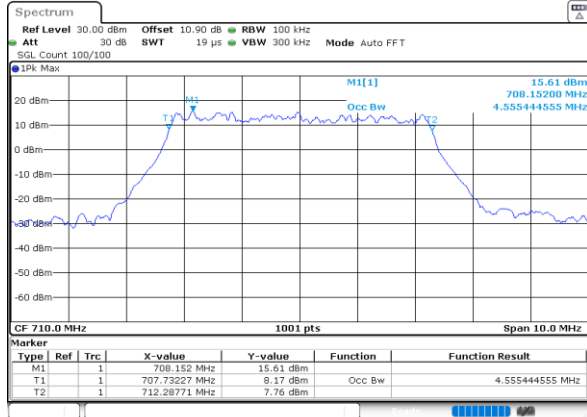
LTE Band 17

Middle Channel / 5MHz / QPSK



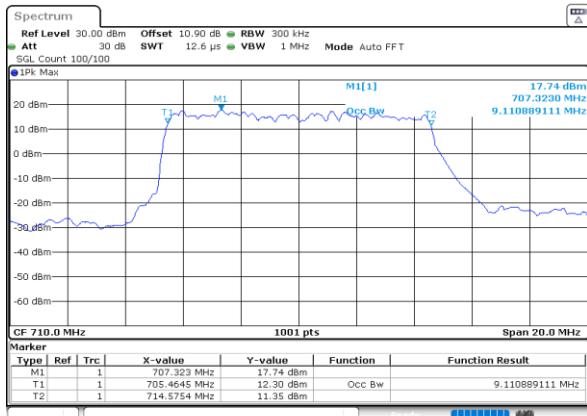
Date: 1.AUG.2023 23:21:18

Middle Channel / 5MHz / 16QAM



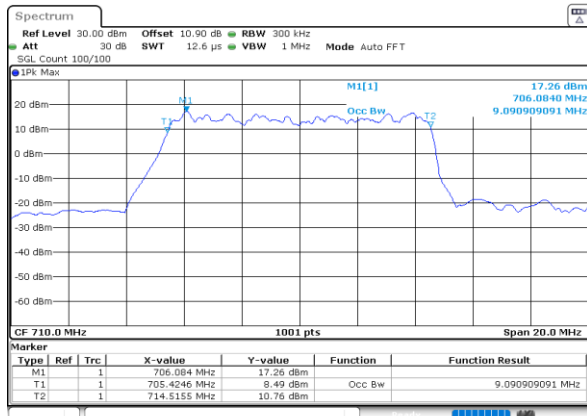
Date: 1.AUG.2023 23:21:47

Middle Channel / 10MHz / QPSK



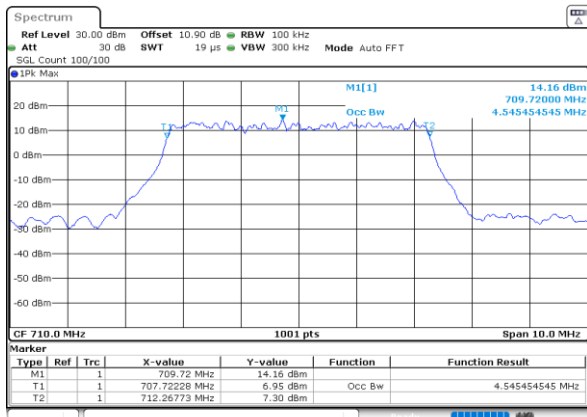
Date: 1.AUG.2023 23:31:38

Middle Channel / 10MHz / 16QAM



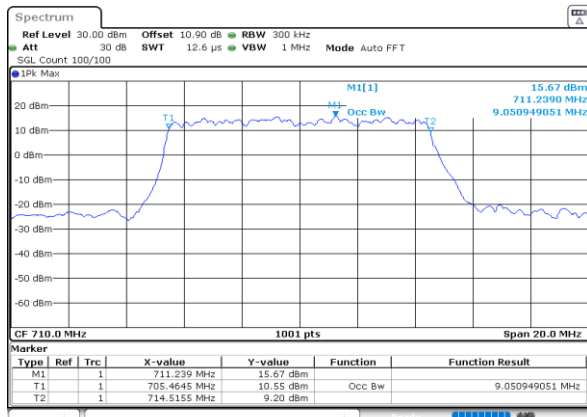
Date: 1.AUG.2023 23:32:07

Middle Channel / 5MHz / 64QAM



Date: 1.AUG.2023 23:37:42

Middle Channel / 10MHz / 64QAM

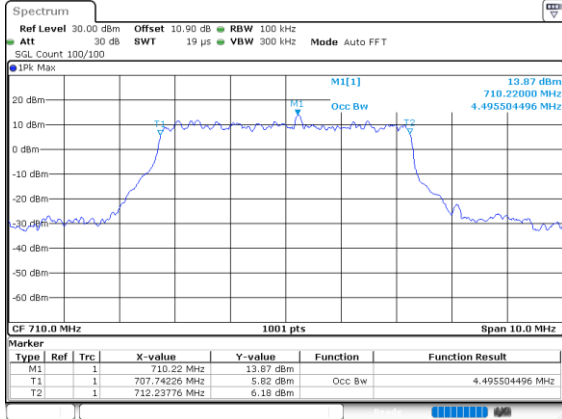


Date: 1.AUG.2023 23:41:31



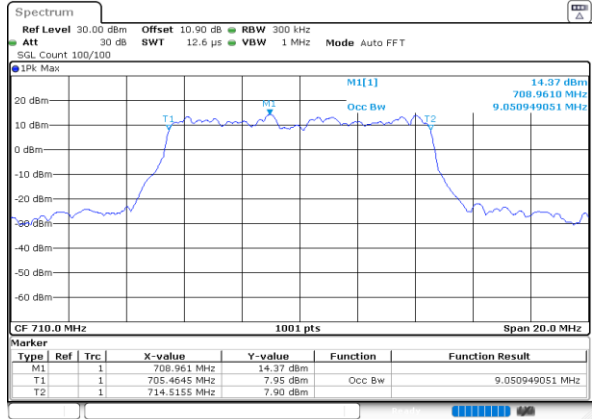
LTE Band 17

Middle Channel / 5MHz / 256QAM



Date: 5.AUG.2023 00:26:27

Middle Channel / 10MHz / 256QAM



Date: 1.AUG.2023 23:50:44

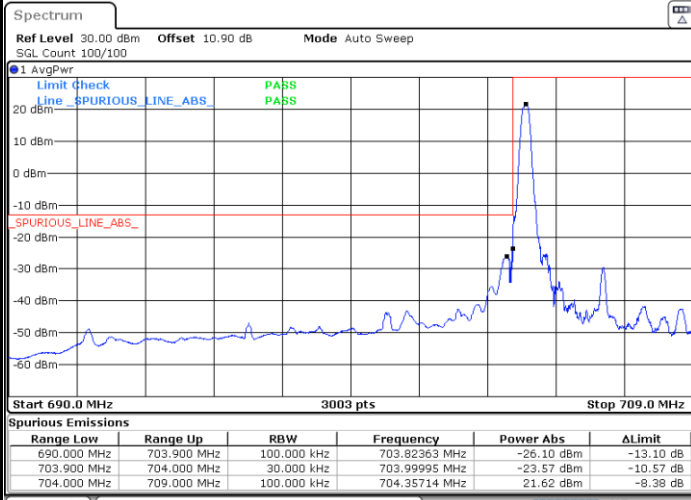


Conducted Band Edge



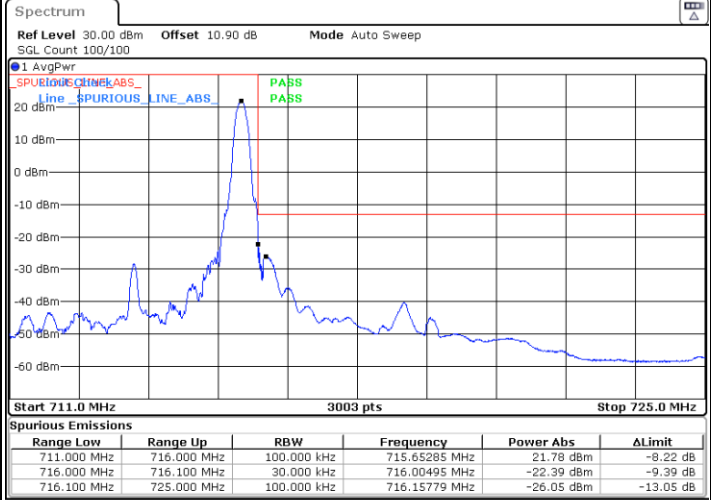
LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



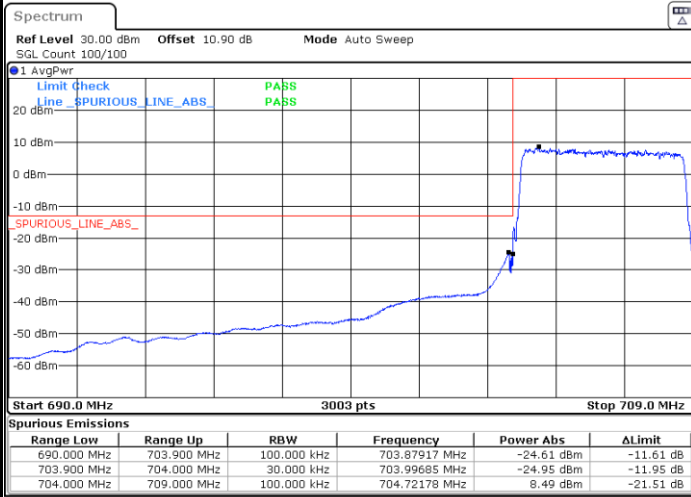
Date: 1.AUG.2023 23:16:34

Highest Band Edge / 1 RB



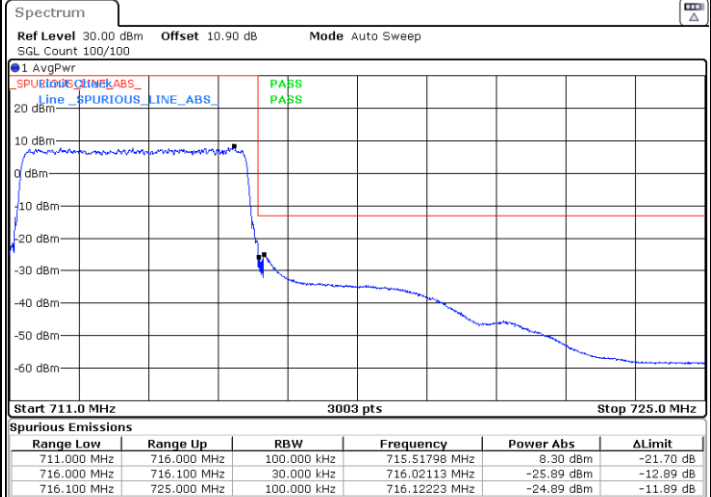
Date: 1.AUG.2023 23:24:51

Lowest Band Edge / Full RB



Date: 1.AUG.2023 23:18:38

Highest Band Edge / Full RB

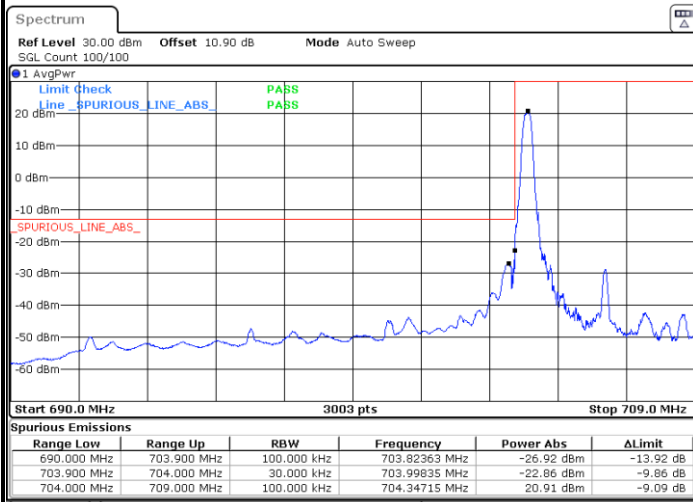


Date: 1.AUG.2023 23:26:52



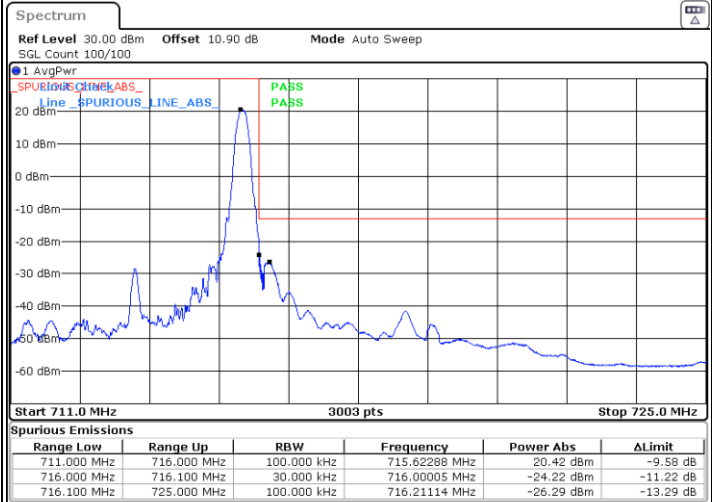
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



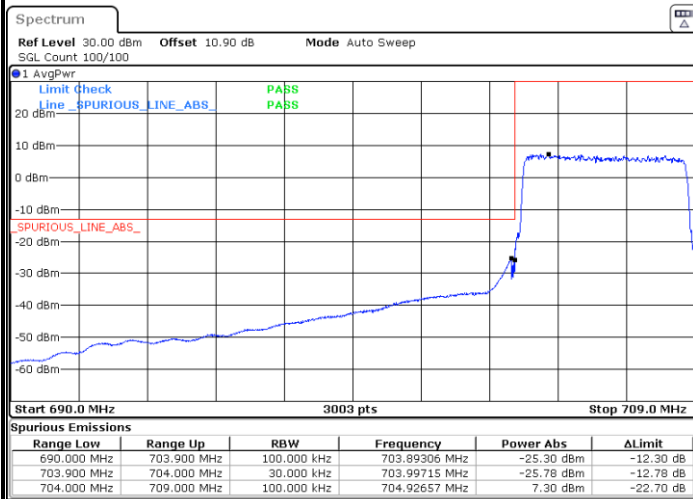
Date: 1.AUG.2023 23:17:36

Highest Band Edge / 1 RB



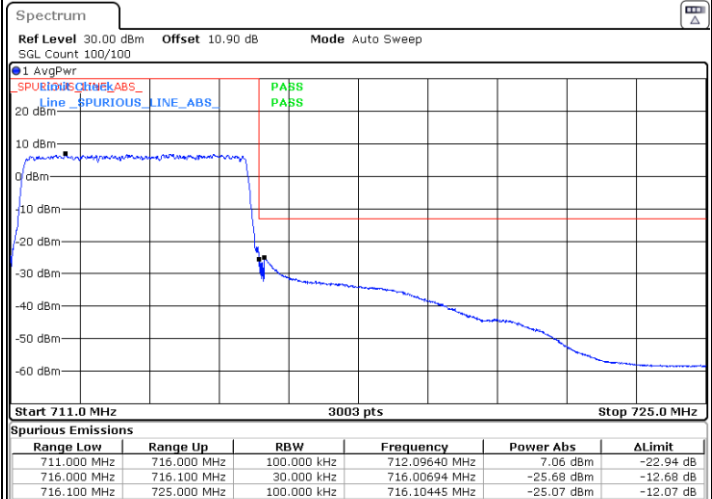
Date: 1.AUG.2023 23:25:51

Lowest Band Edge / Full RB



Date: 1.AUG.2023 23:19:39

Highest Band Edge / Full RB

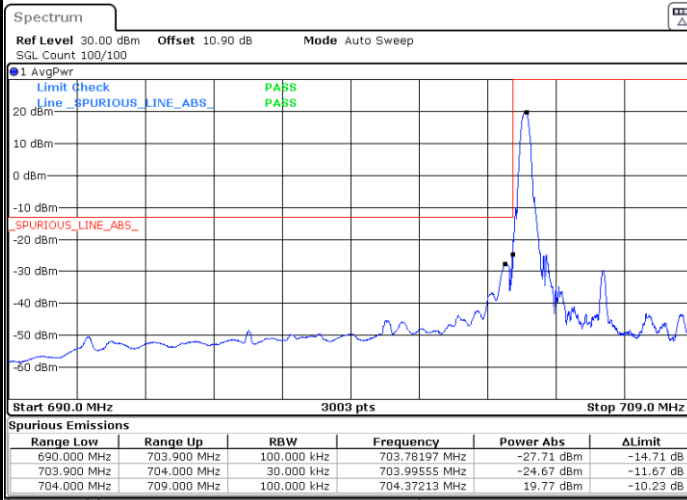


Date: 1.AUG.2023 23:27:52



LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



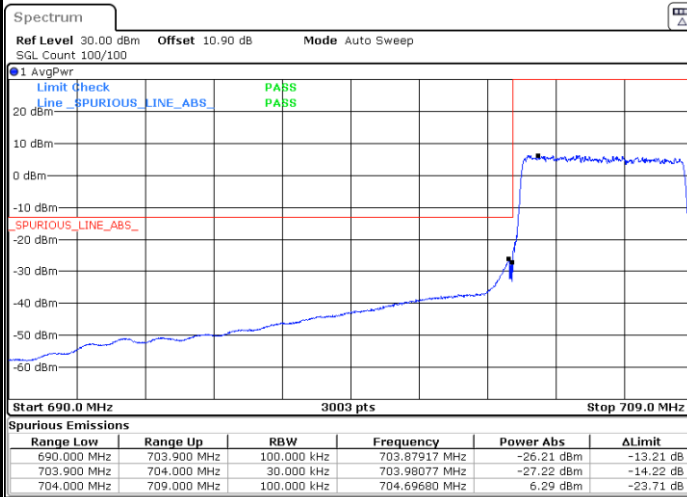
Date: 1.AUG.2023 23:36:10

Highest Band Edge / 1 RB



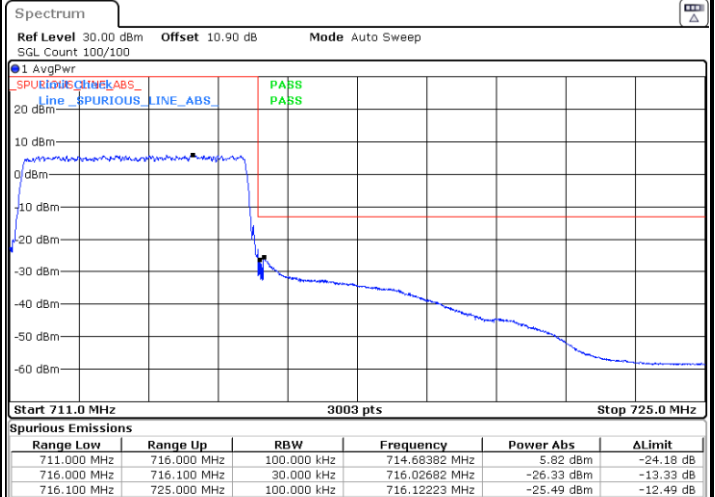
Date: 1.AUG.2023 23:38:54

Lowest Band Edge / Full RB



Date: 1.AUG.2023 23:37:11

Highest Band Edge / Full RB

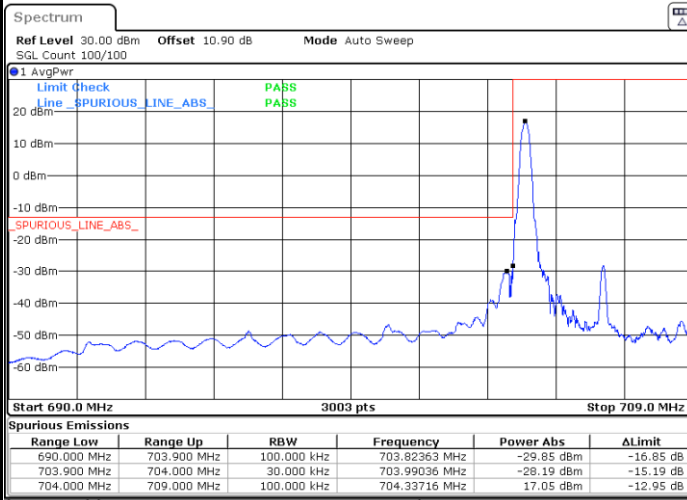


Date: 1.AUG.2023 23:39:54



LTE Band 17 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



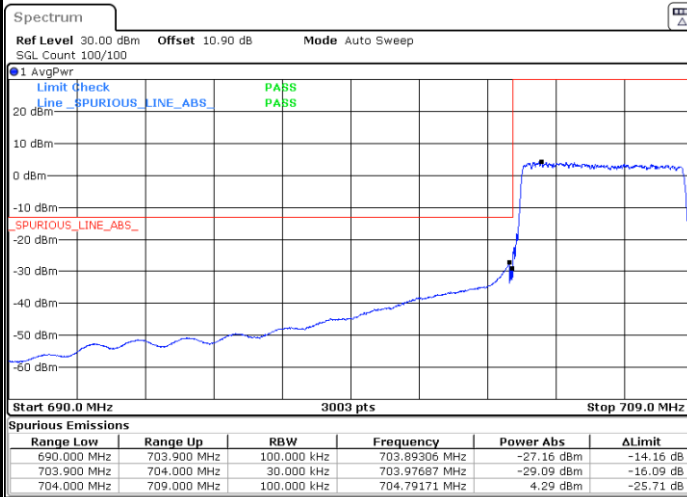
Date: 1.AUG.2023 23:45:22

Highest Band Edge / 1 RB



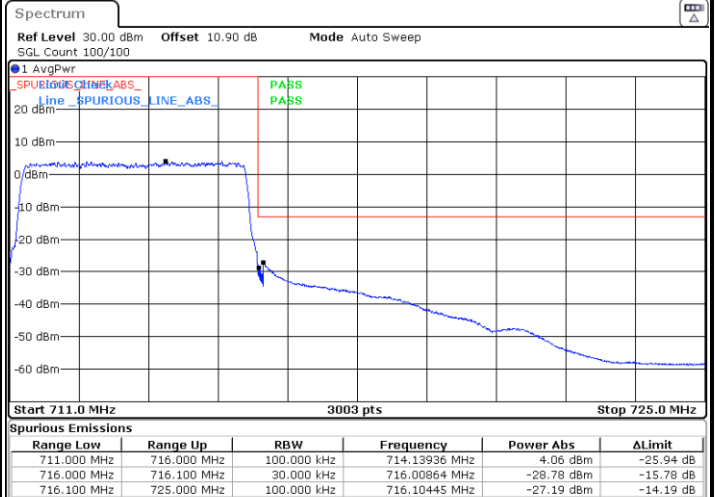
Date: 1.AUG.2023 23:48:07

Lowest Band Edge / Full RB



Date: 1.AUG.2023 23:46:24

Highest Band Edge / Full RB

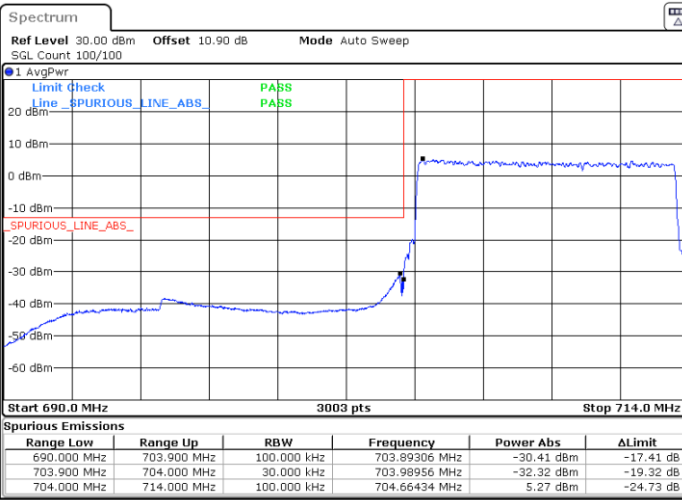


Date: 1.AUG.2023 23:49:07



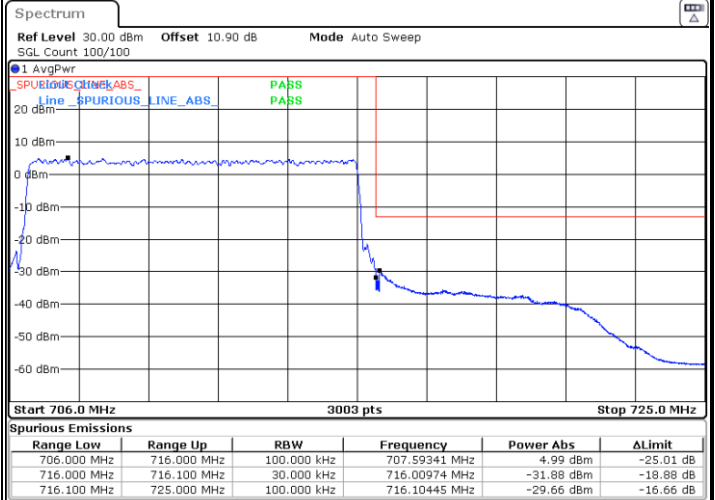
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 1.AUG.2023 23:30:07

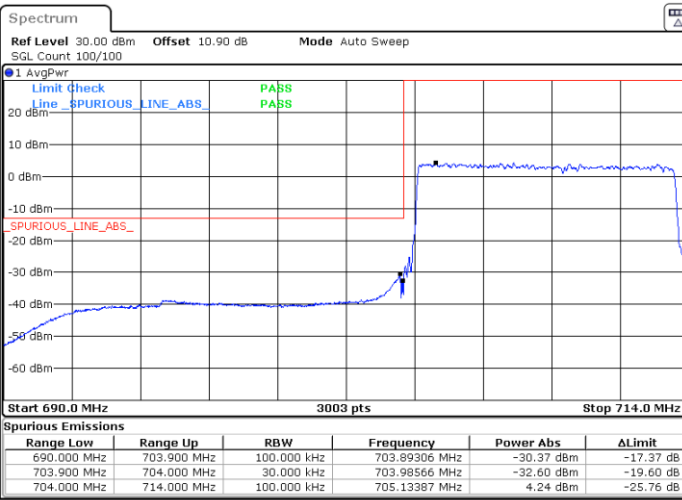
Highest Band Edge / Full RB



Date: 1.AUG.2023 23:34:03

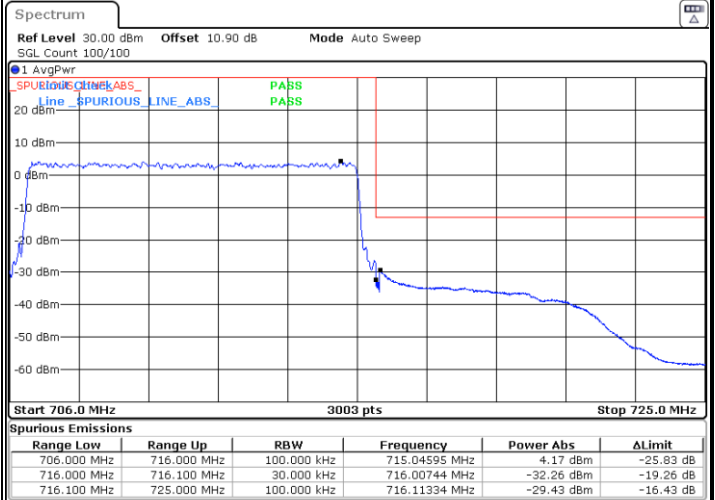
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 23:31:08

Highest Band Edge / Full RB



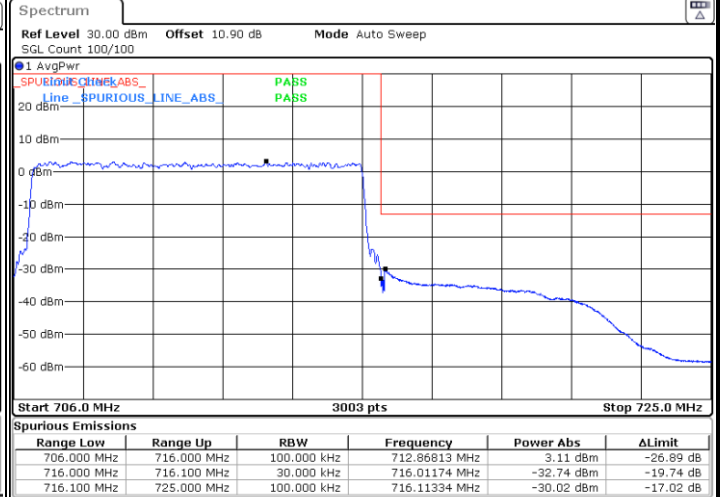
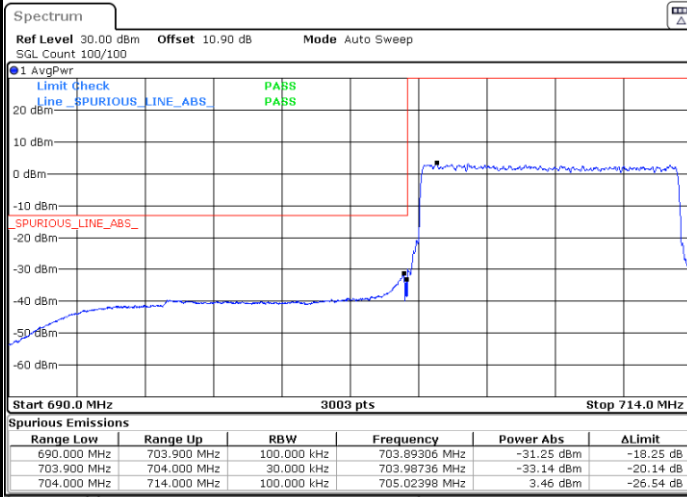
Date: 1.AUG.2023 23:35:03



LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



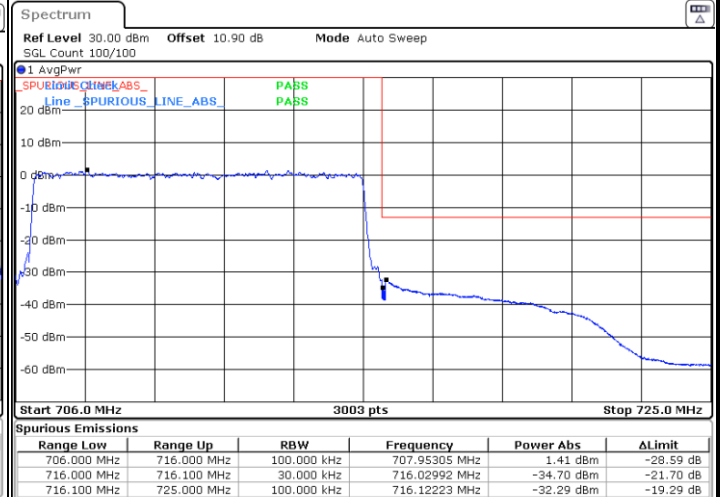
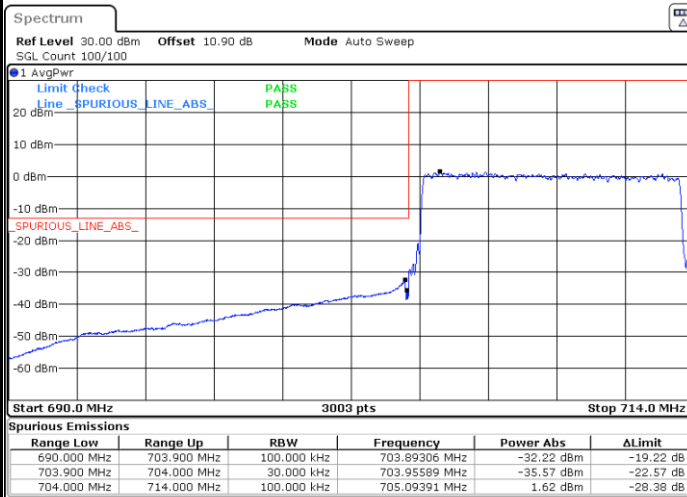
Date: 1.AUG.2023 23:41:01

Date: 1.AUG.2023 23:42:44

LTE Band 17 / 10MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.AUG.2023 23:50:14

Date: 1.AUG.2023 23:51:56



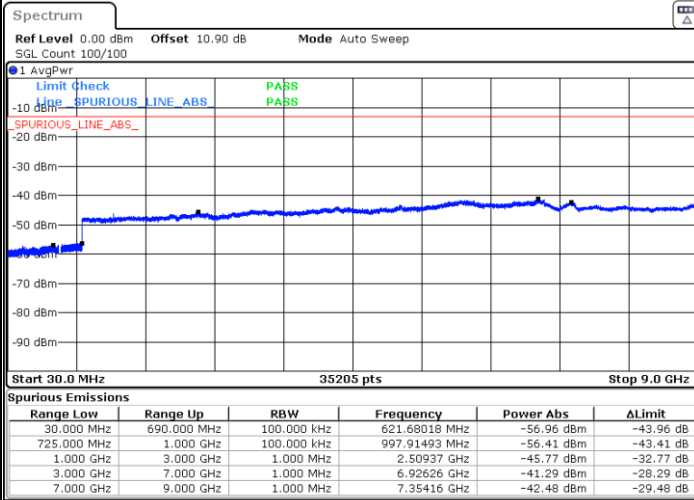
Conducted Spurious Emission



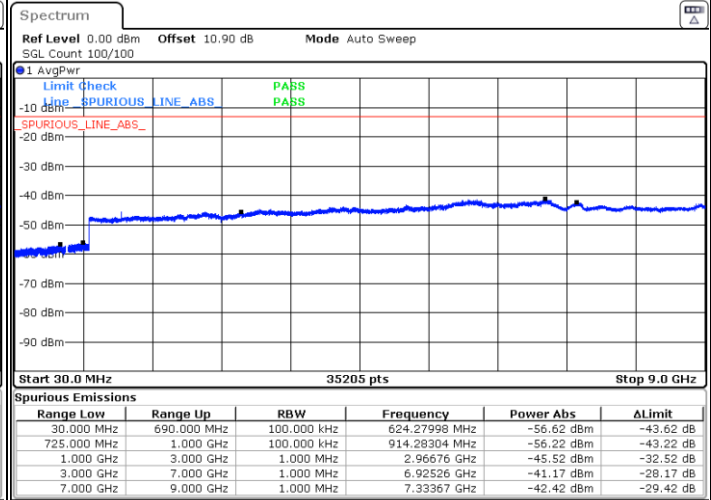
LTE Band 17 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

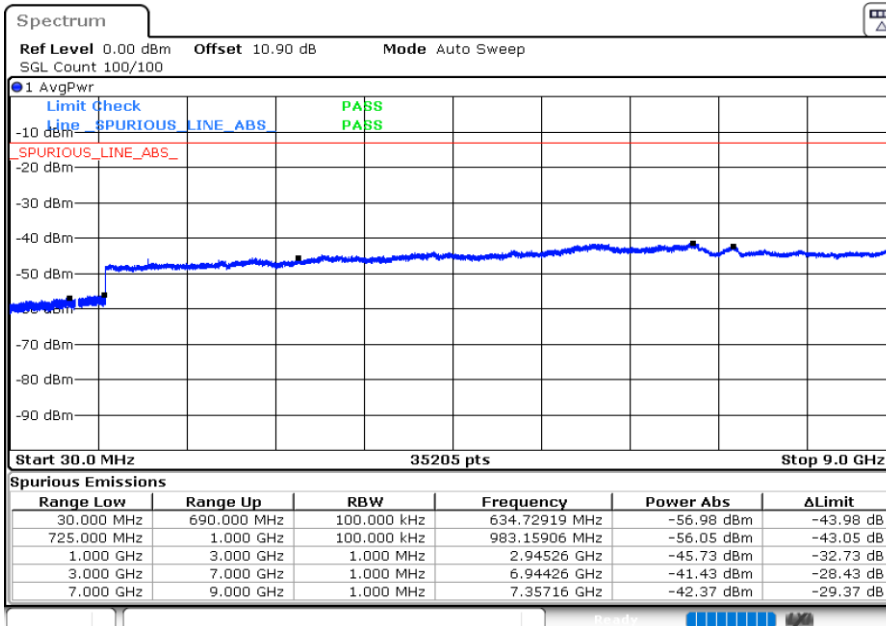


Date: 1.AUG.2023 23:20:49



Date: 1.AUG.2023 23:23:52

Highest Channel / QPSK



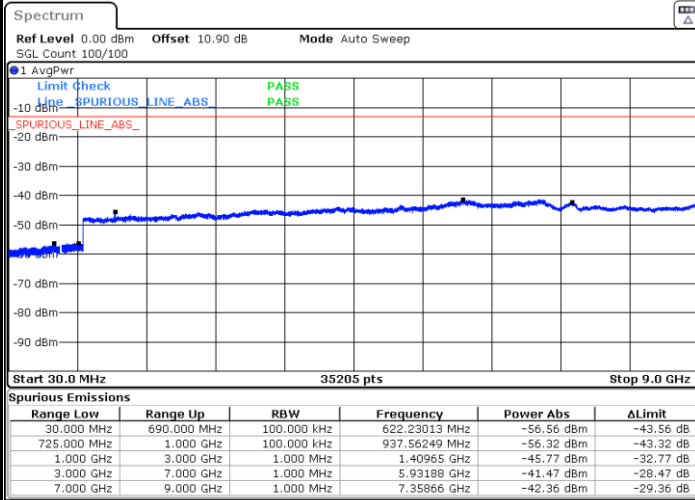
Date: 1.AUG.2023 23:29:01



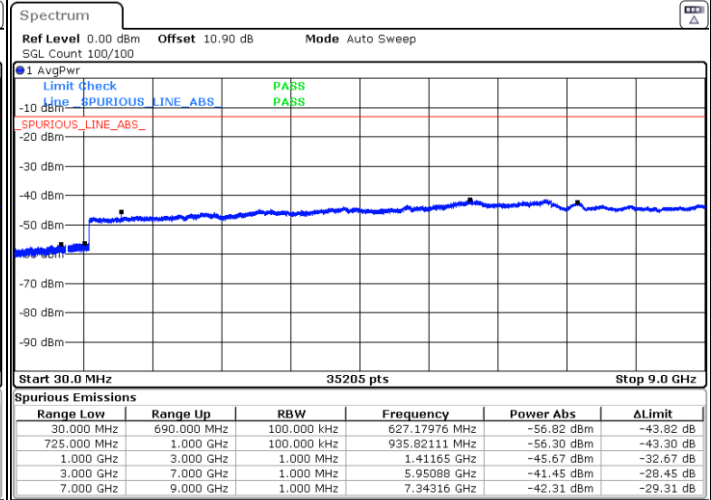
LTE Band 17 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

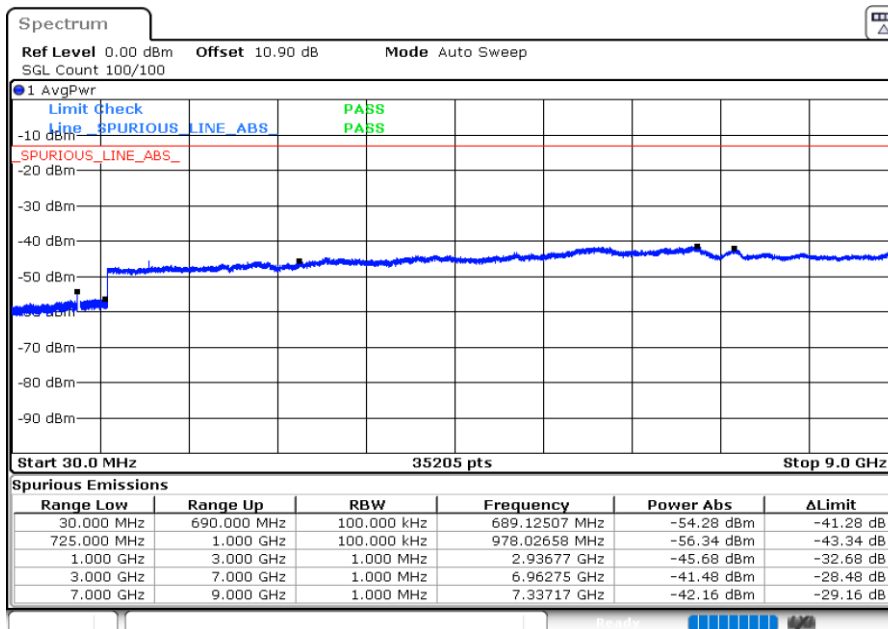


Date: 1.AUG.2023 23:53:36



Date: 1.AUG.2023 23:54:44

Highest Channel / QPSK



Date: 1.AUG.2023 23:55:52



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0189	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0082	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0121	
0	Normal Voltage	0.0189	
-10	Normal Voltage	0.0134	
-20	Normal Voltage	0.0132	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0086	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0086	

Note:

1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

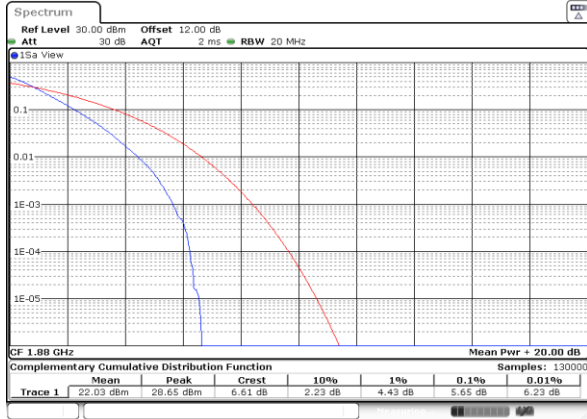
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.65	6.09	6.00	6.49	PASS



LTE Band 25 / 20MHz / QPSK

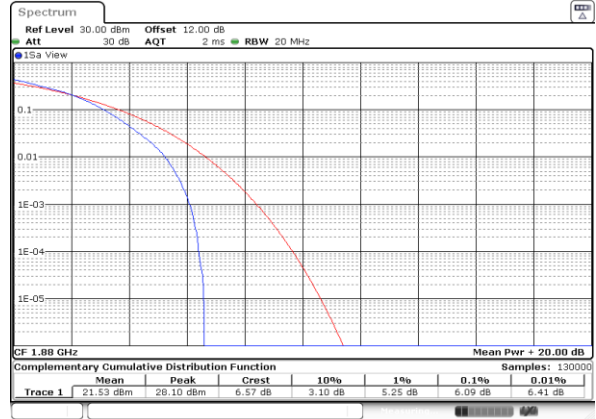
Middle Channel / Full RB



Date: 1.AUG.2023 11:11:25

LTE Band 25 / 20MHz / 16QAM

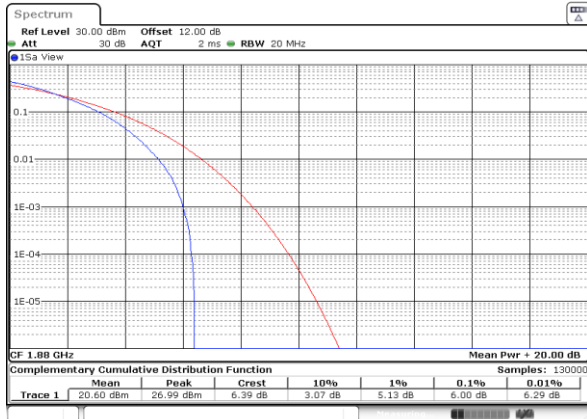
Middle Channel / Full RB



Date: 1.AUG.2023 11:10:54

LTE Band 25 / 20MHz / 64QAM

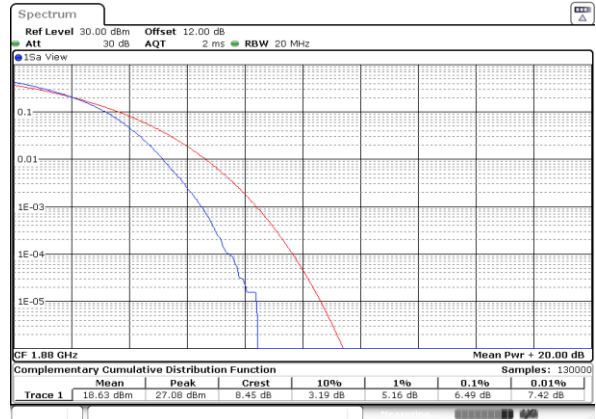
Middle Channel / Full RB



Date: 1.AUG.2023 11:10:23

LTE Band 25 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 1.AUG.2023 11:30:59



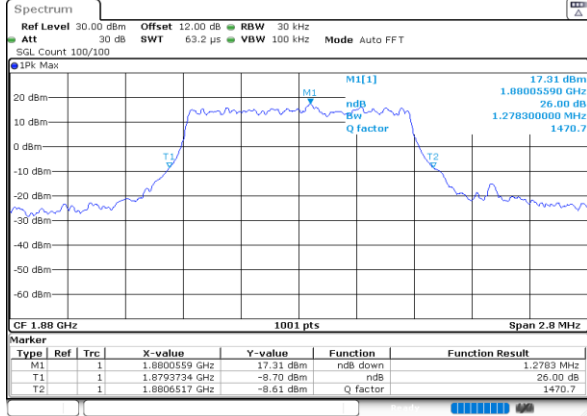
26dB Bandwidth

Mode	LTE Band 25 : 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	1.28	1.29	3.12	3.11	5.23	5.26	10.43	10.51	15.44	14.30	19.66	19.42
Mode	LTE Band 25 : 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	1.30	1.34	3.06	3.12	5.20	5.19	10.21	9.99	14.60	14.51	19.50	19.38



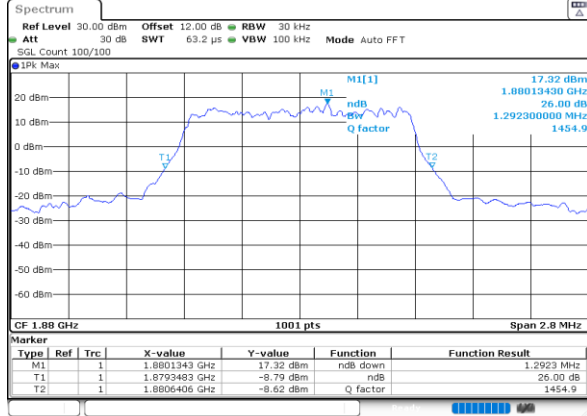
LTE Band 25

Middle Channel / 1.4MHz / QPSK



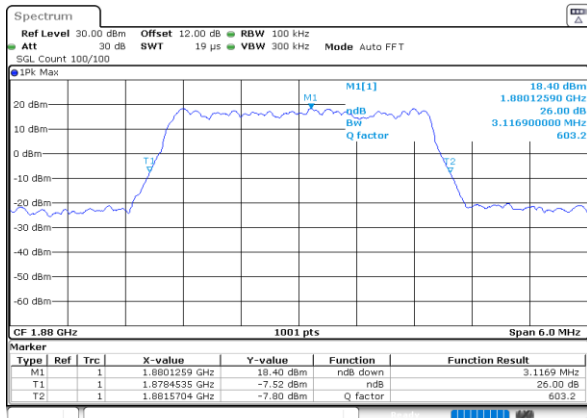
Date: 1.AUG.2023 09:44:48

Middle Channel / 1.4MHz / 16QAM



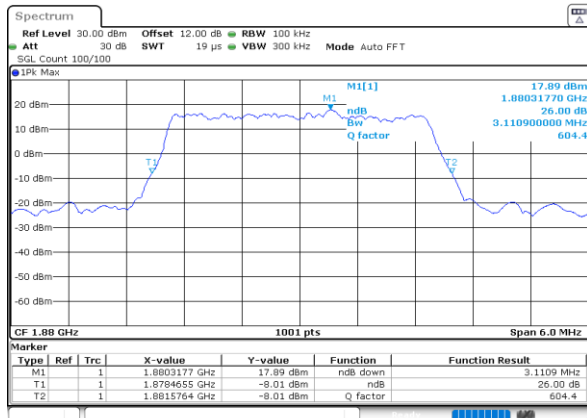
Date: 1.AUG.2023 09:45:18

Middle Channel / 3MHz / QPSK



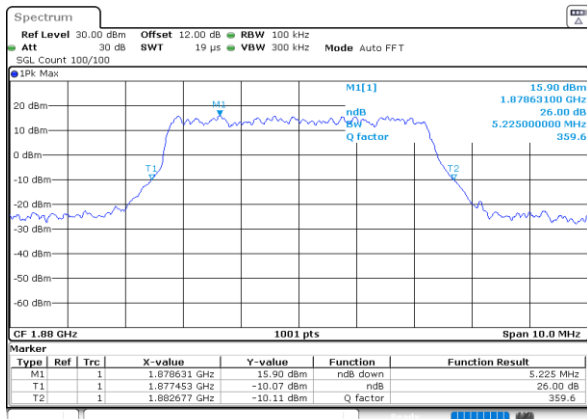
Date: 1.AUG.2023 10:32:28

Middle Channel / 3MHz / 16QAM



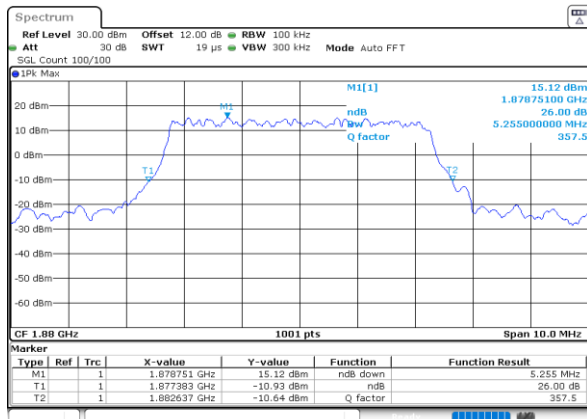
Date: 1.AUG.2023 10:32:58

Middle Channel / 5MHz / QPSK



Date: 1.AUG.2023 10:38:30

Middle Channel / 5MHz / 16QAM

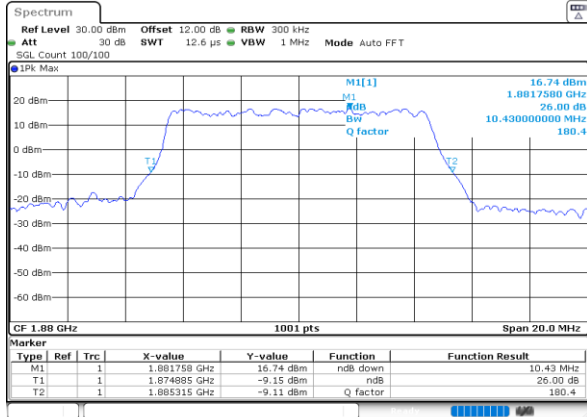


Date: 1.AUG.2023 10:38:59



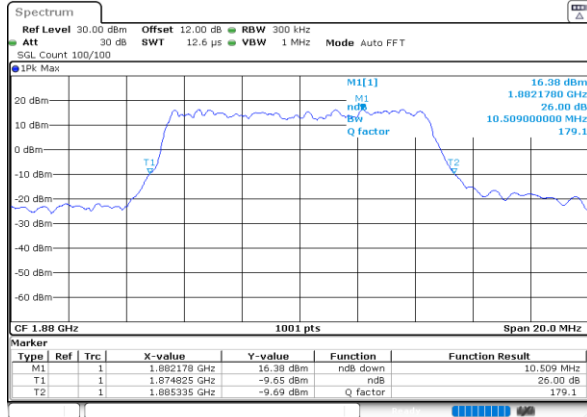
LTE Band 25

Middle Channel / 10MHz / QPSK



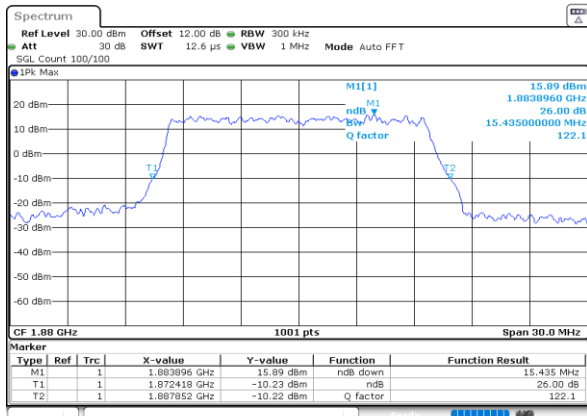
Date: 1.AUG.2023 10:47:14

Middle Channel / 10MHz / 16QAM



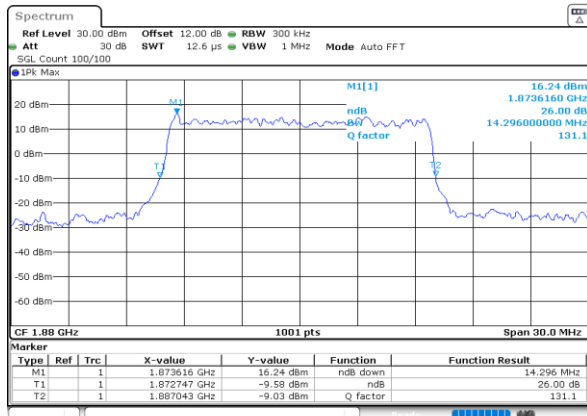
Date: 1.AUG.2023 10:47:43

Middle Channel / 15MHz / QPSK



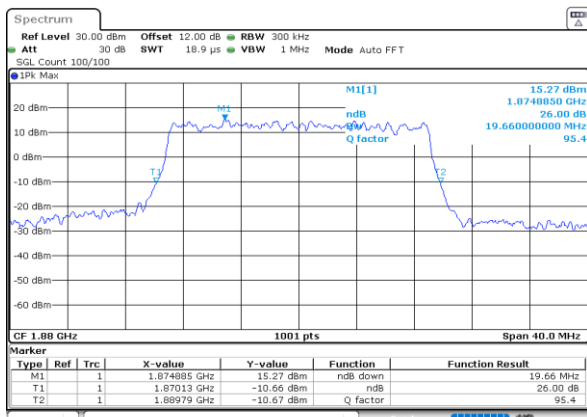
Date: 1.AUG.2023 10:58:40

Middle Channel / 15MHz / 16QAM



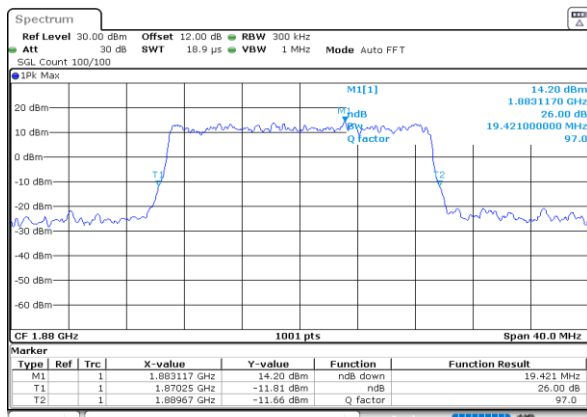
Date: 1.AUG.2023 10:59:09

Middle Channel / 20MHz / QPSK



Date: 1.AUG.2023 11:04:41

Middle Channel / 20MHz / 16QAM

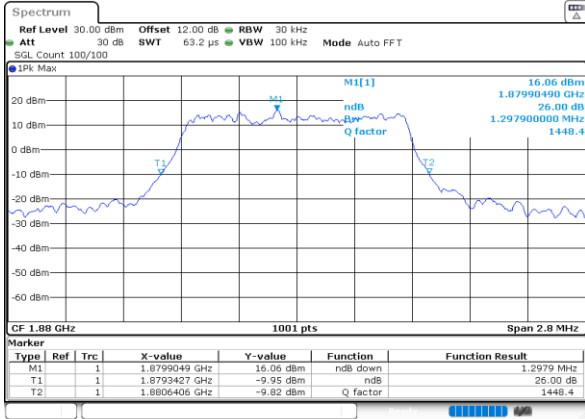


Date: 1.AUG.2023 11:05:11



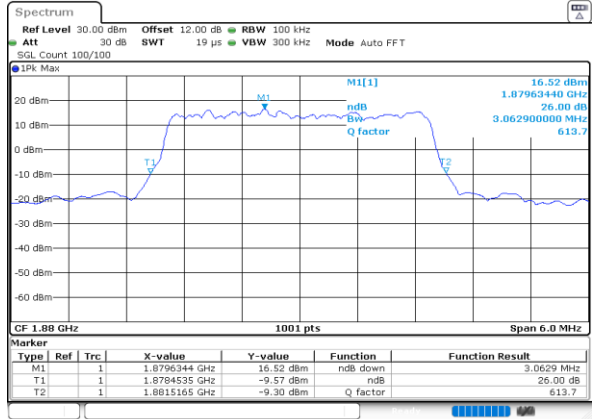
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



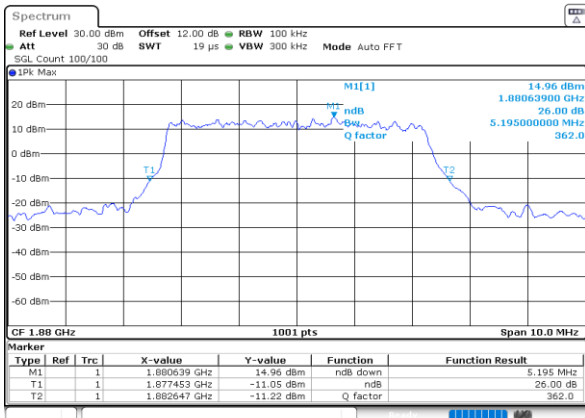
Date: 1.AUG.2023 09:54:16

Middle Channel / 3MHz / 64QAM



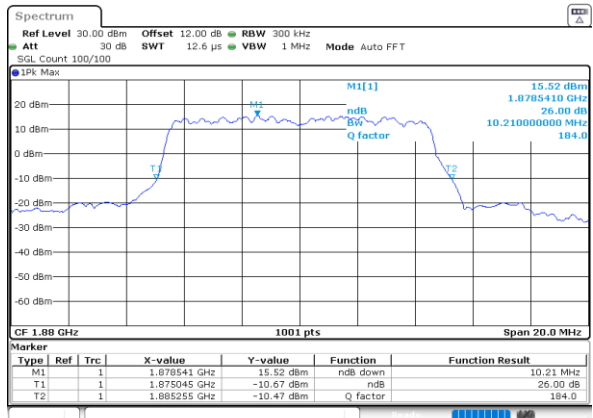
Date: 1.AUG.2023 10:28:01

Middle Channel / 5MHz / 64QAM



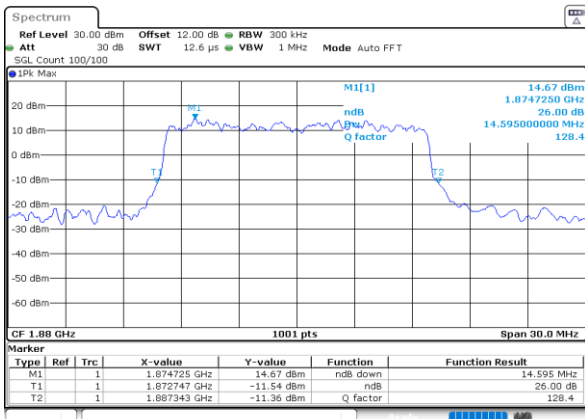
Date: 1.AUG.2023 10:42:41

Middle Channel / 10MHz / 64QAM



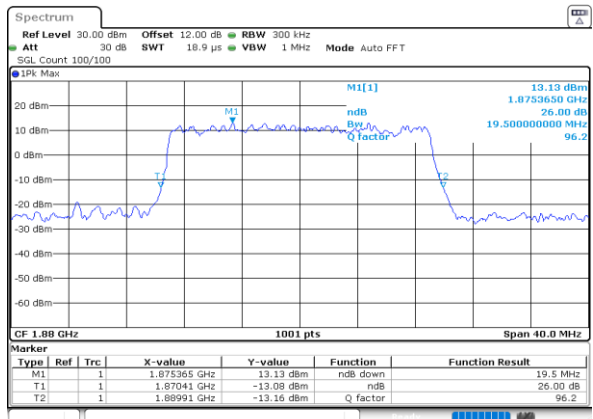
Date: 1.AUG.2023 10:51:26

Middle Channel / 15MHz / 64QAM



Date: 1.AUG.2023 10:54:13

Middle Channel / 20MHz / 64QAM

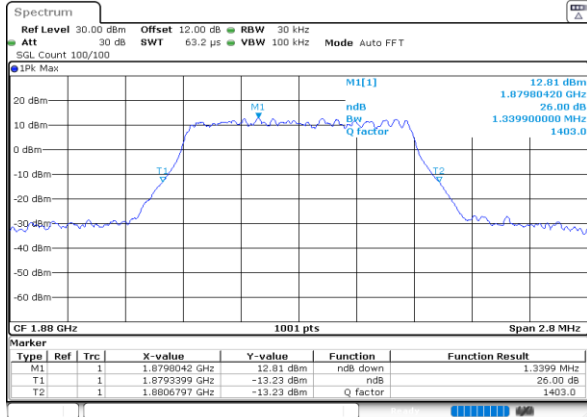


Date: 1.AUG.2023 11:08:53



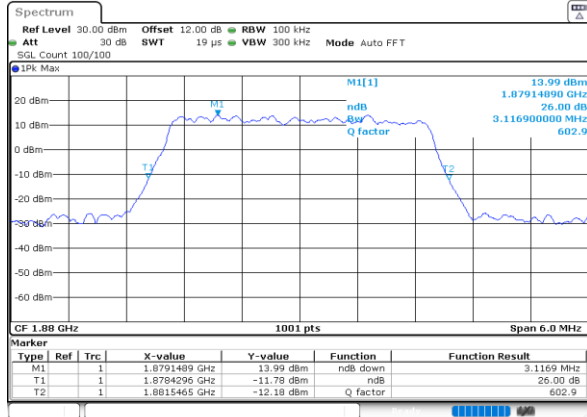
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



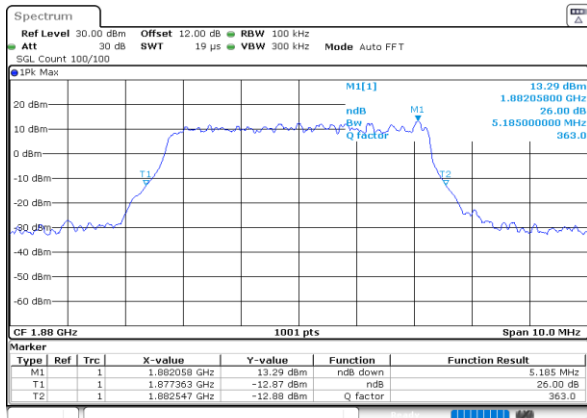
Date: 1.AUG.2023 11:14:13

Middle Channel / 3MHz / 256QAM



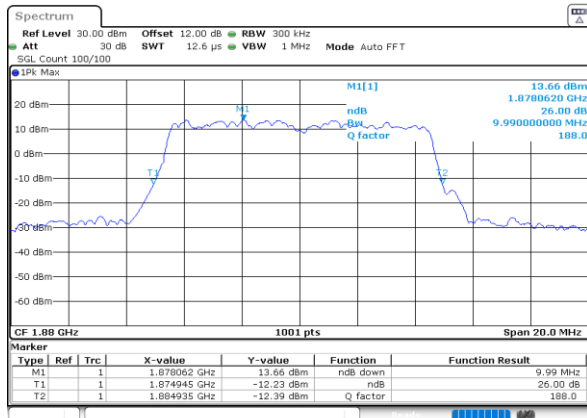
Date: 1.AUG.2023 11:18:06

Middle Channel / 5MHz / 256QAM



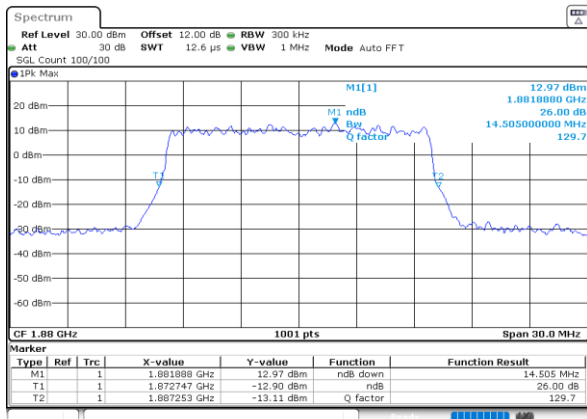
Date: 1.AUG.2023 11:20:54

Middle Channel / 10MHz / 256QAM



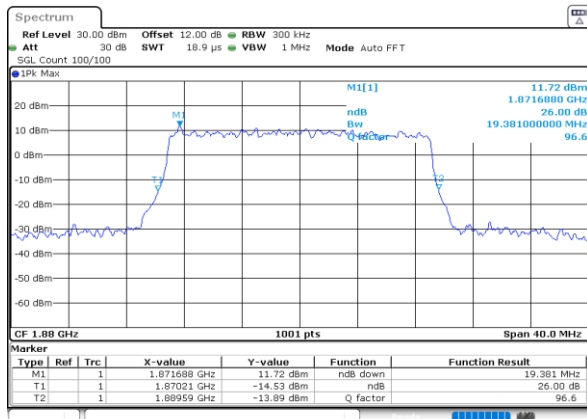
Date: 1.AUG.2023 11:23:44

Middle Channel / 15MHz / 256QAM



Date: 1.AUG.2023 11:26:35

Middle Channel / 20MHz / 256QAM



Date: 1.AUG.2023 11:29:26



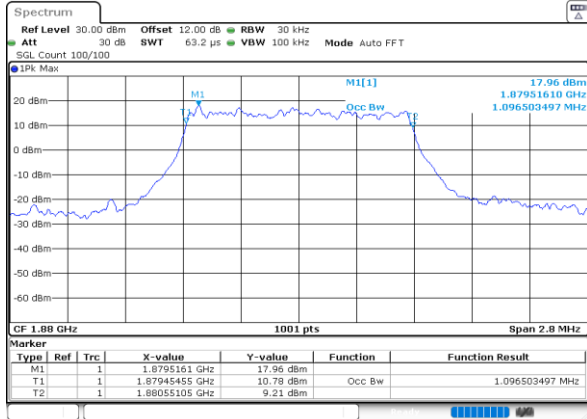
Occupied Bandwidth

Mode	LTE Band 25 : 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	1.10	1.09	2.74	2.73	4.49	4.54	9.13	9.13	13.46	13.40	17.94	17.90
Mode	LTE Band 25 : 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	1.09	1.09	2.72	2.72	4.51	4.50	8.99	9.05	13.46	13.52	17.90	17.86



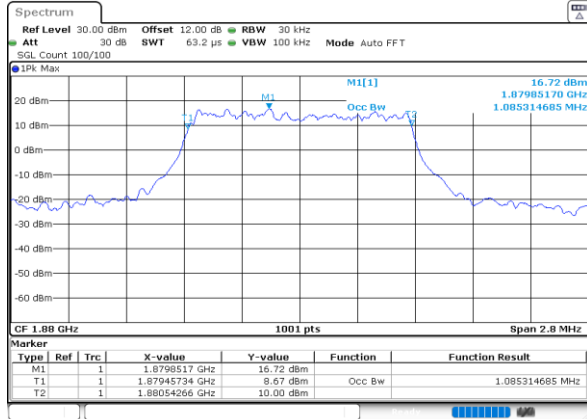
LTE Band 25

Middle Channel / 1.4MHz / QPSK



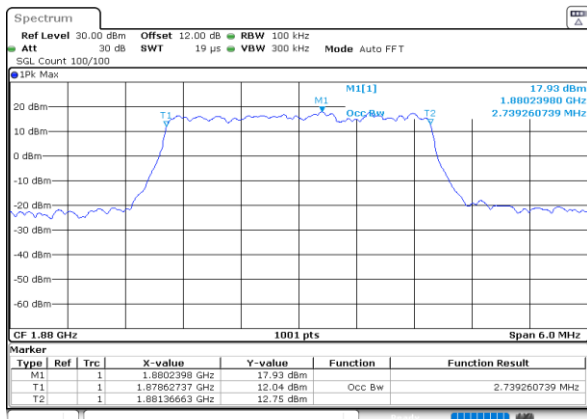
Date: 1.AUG.2023 09:43:49

Middle Channel / 1.4MHz / 16QAM



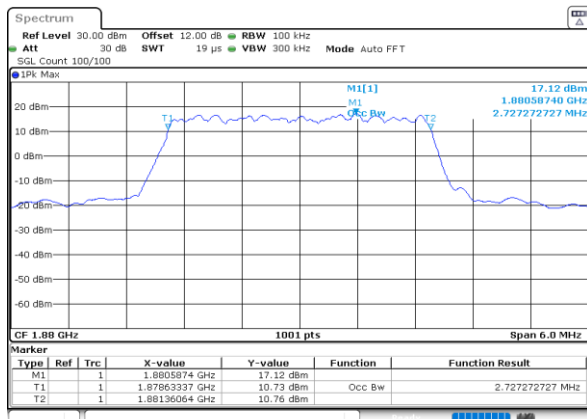
Date: 1.AUG.2023 09:44:19

Middle Channel / 3MHz / QPSK



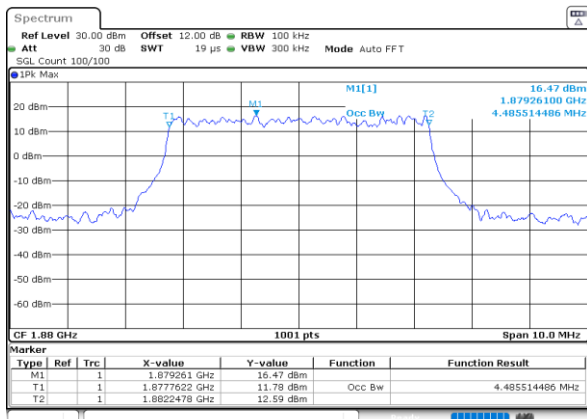
Date: 1.AUG.2023 10:31:29

Middle Channel / 3MHz / 16QAM



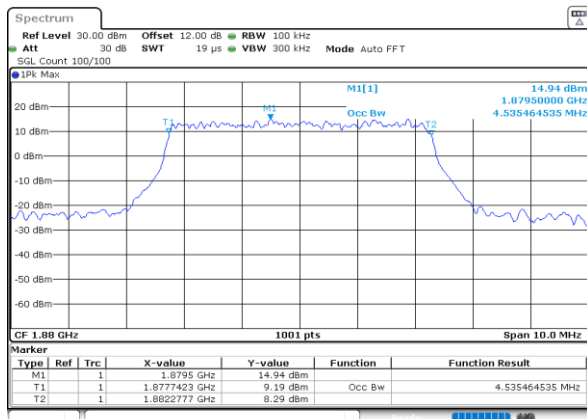
Date: 1.AUG.2023 10:31:59

Middle Channel / 5MHz / QPSK



Date: 1.AUG.2023 10:37:31

Middle Channel / 5MHz / 16QAM

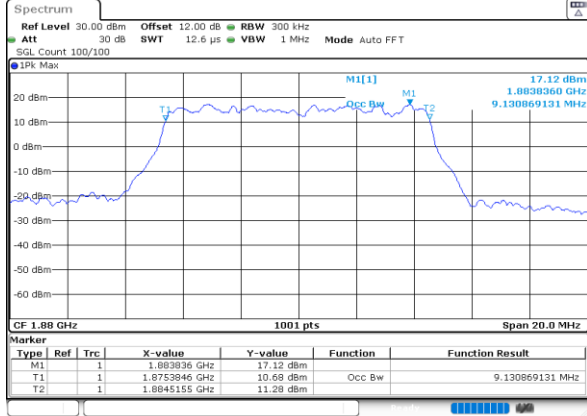


Date: 1.AUG.2023 10:38:00



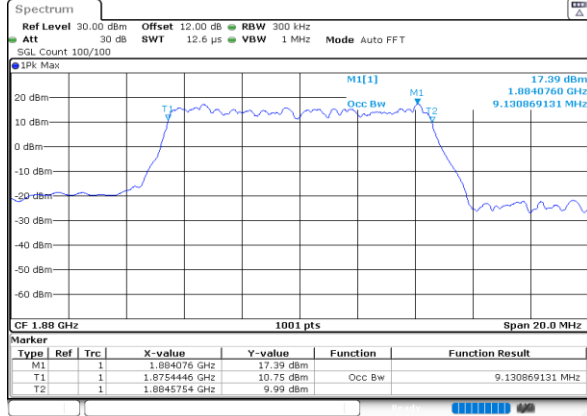
LTE Band 25

Middle Channel / 10MHz / QPSK



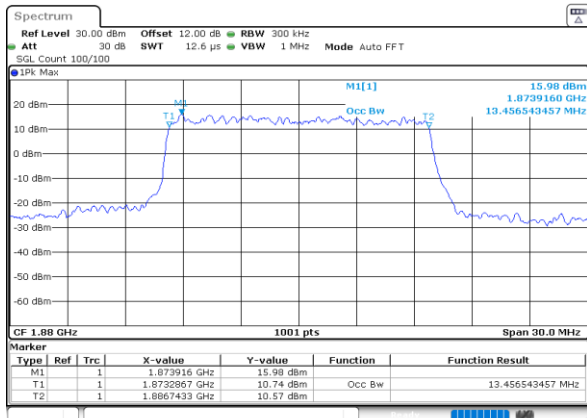
Date: 1.AUG.2023 10:46:15

Middle Channel / 10MHz / 16QAM



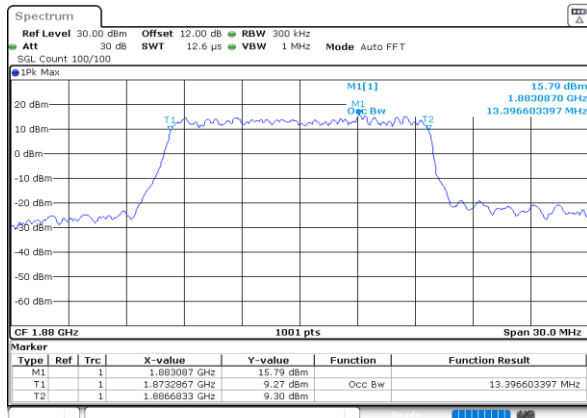
Date: 1.AUG.2023 10:46:44

Middle Channel / 15MHz / QPSK



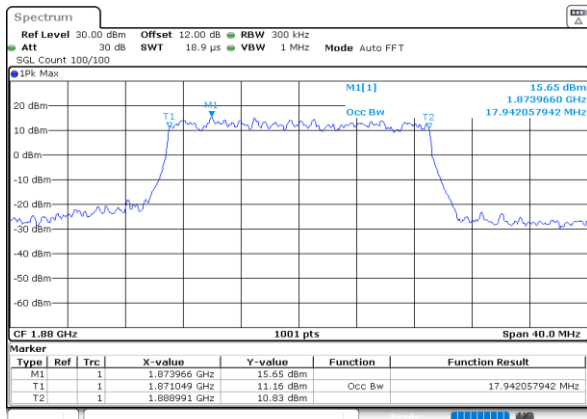
Date: 1.AUG.2023 10:57:41

Middle Channel / 15MHz / 16QAM



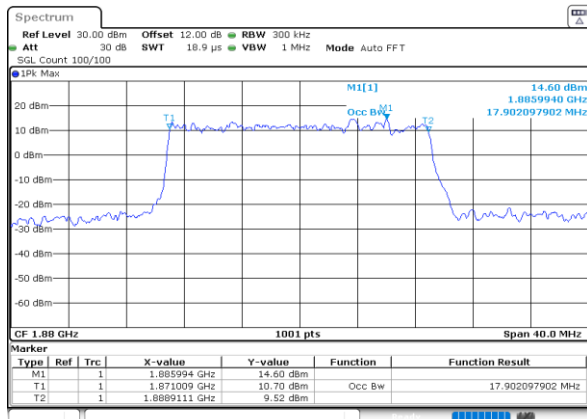
Date: 1.AUG.2023 10:58:11

Middle Channel / 20MHz / QPSK



Date: 1.AUG.2023 11:03:43

Middle Channel / 20MHz / 16QAM

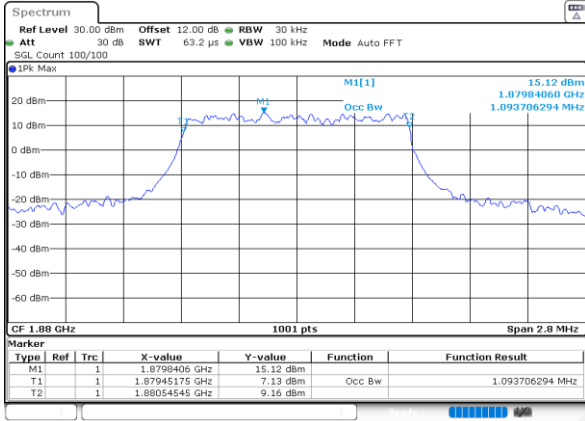


Date: 1.AUG.2023 11:04:12



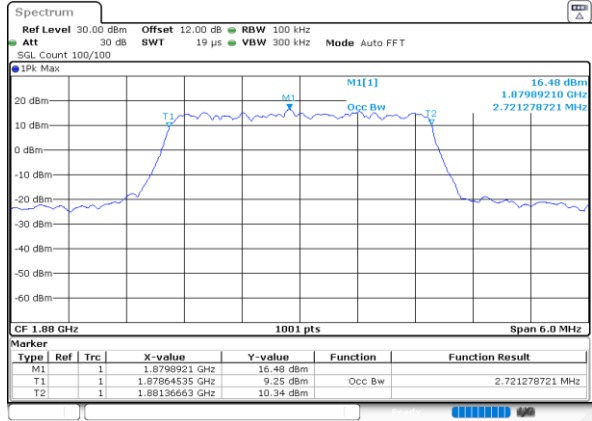
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



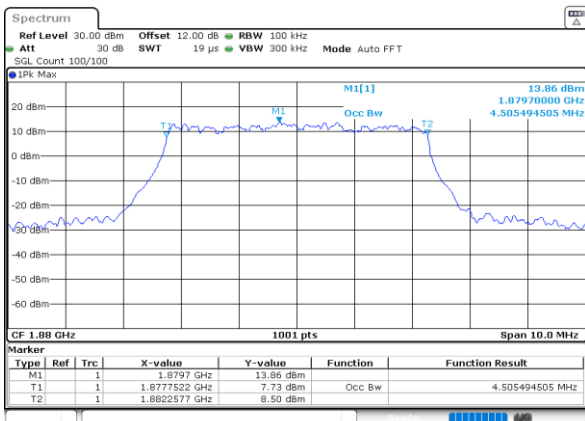
Date: 1.AUG.2023 09:54:02

Middle Channel / 3MHz / 64QAM



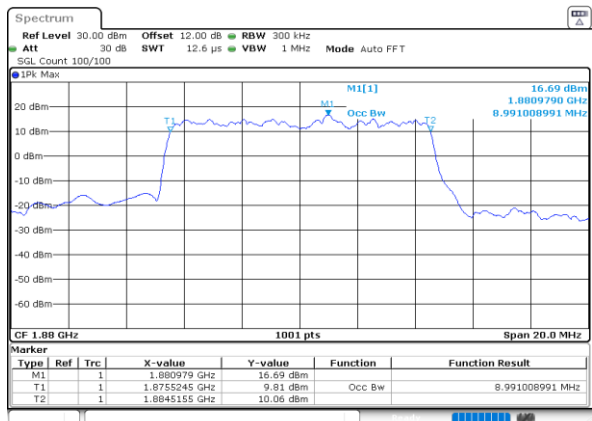
Date: 1.AUG.2023 09:57:49

Middle Channel / 5MHz / 64QAM



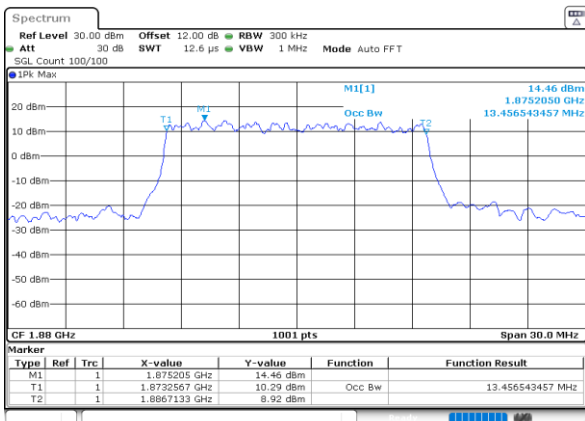
Date: 1.AUG.2023 10:42:27

Middle Channel / 10MHz / 64QAM



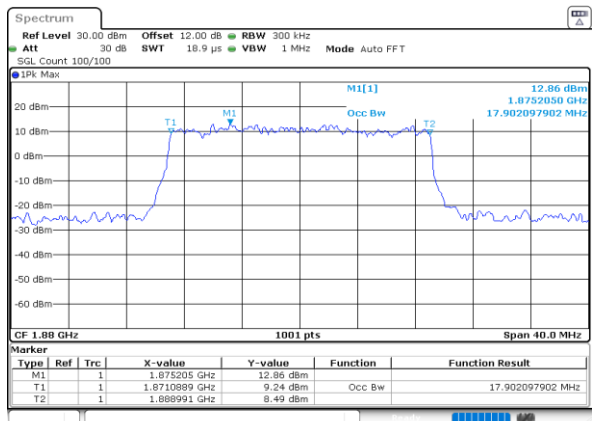
Date: 1.AUG.2023 10:51:12

Middle Channel / 15MHz / 64QAM



Date: 1.AUG.2023 10:53:59

Middle Channel / 20MHz / 64QAM

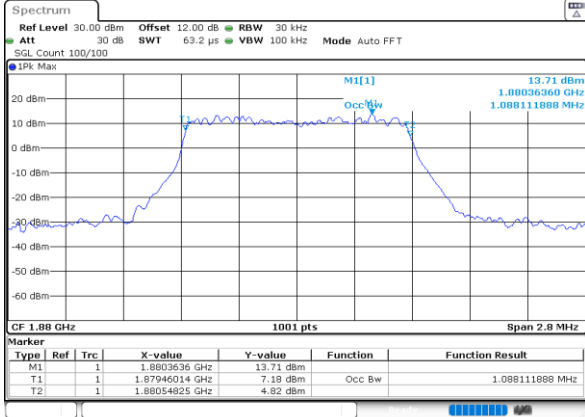


Date: 1.AUG.2023 11:08:39



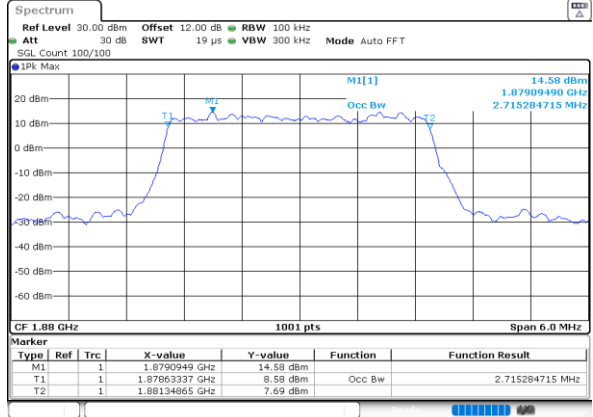
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



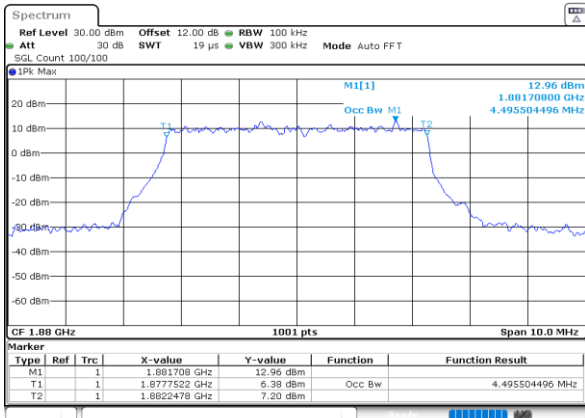
Date: 1.AUG.2023 11:13:59

Middle Channel / 3MHz / 256QAM



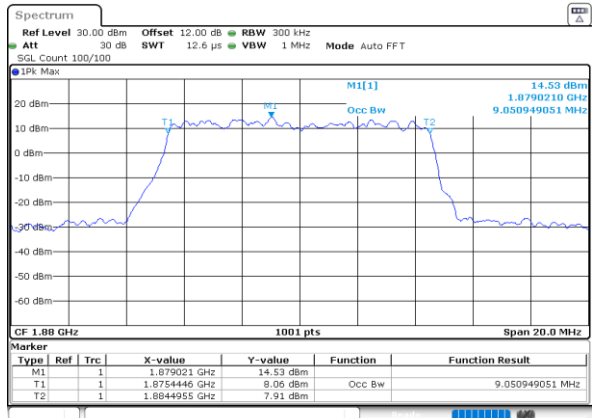
Date: 1.AUG.2023 11:17:52

Middle Channel / 5MHz / 256QAM



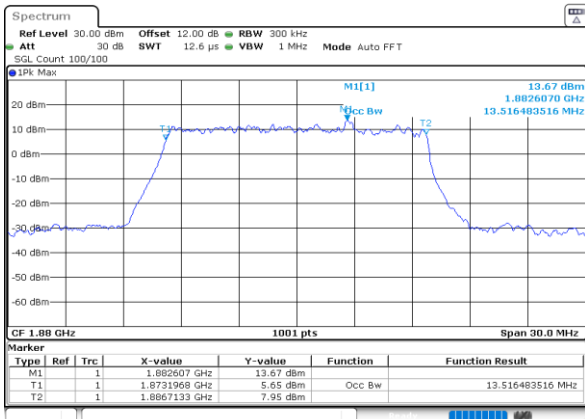
Date: 1.AUG.2023 11:20:40

Middle Channel / 10MHz / 256QAM



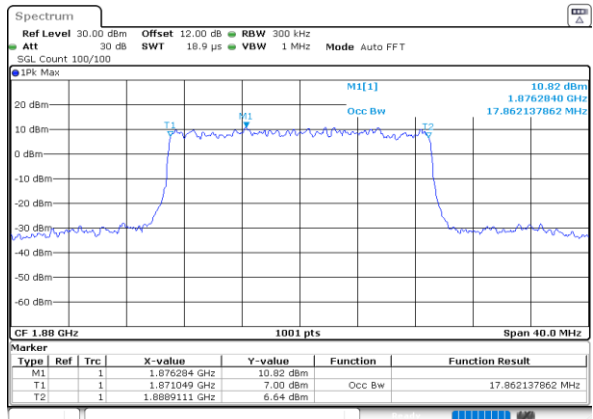
Date: 1.AUG.2023 11:23:30

Middle Channel / 15MHz / 256QAM



Date: 1.AUG.2023 11:26:21

Middle Channel / 20MHz / 256QAM



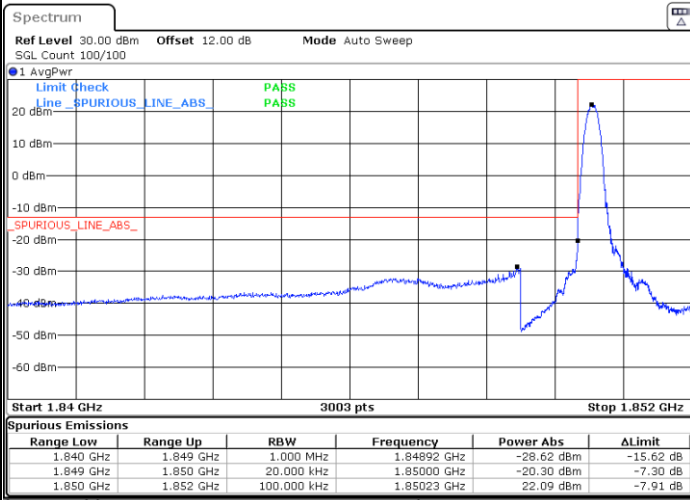
Date: 1.AUG.2023 11:29:11



Conducted Band Edge

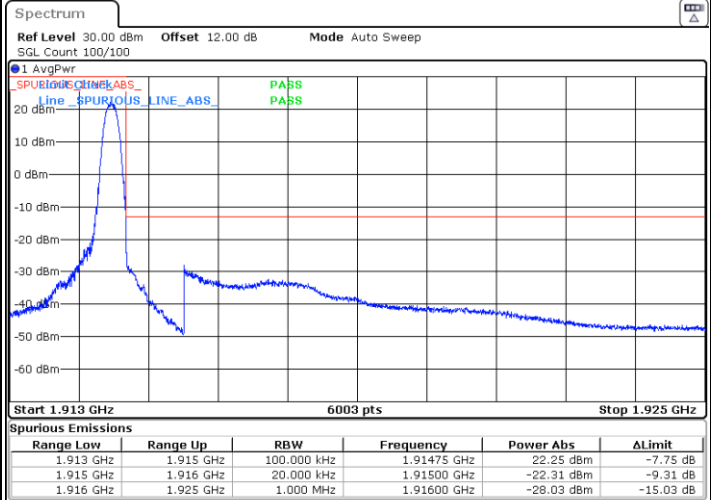
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



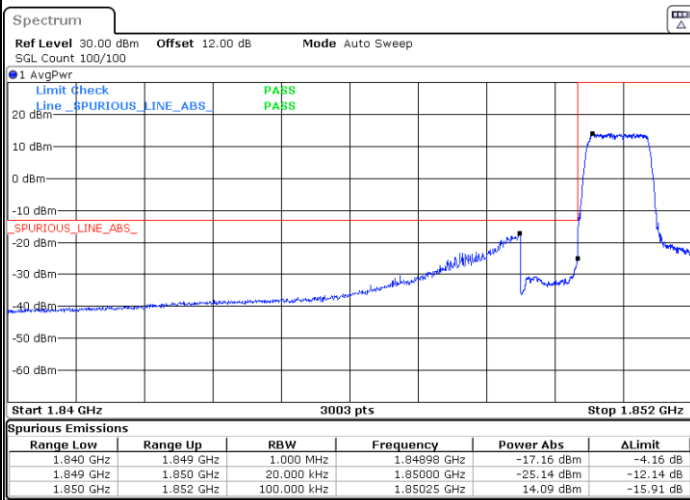
Date: 1.AUG.2023 09:39:11

Highest Band Edge / 1RB



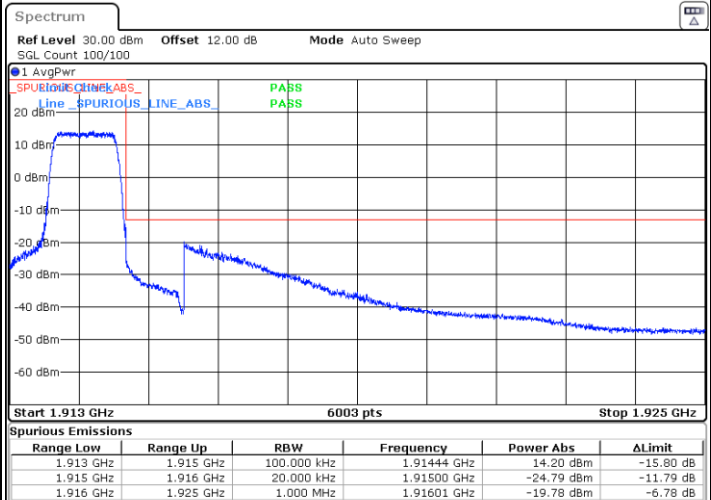
Date: 1.AUG.2023 09:50:24

Lowest Band Edge / Full RB



Date: 1.AUG.2023 09:41:10

Highest Band Edge / Full RB

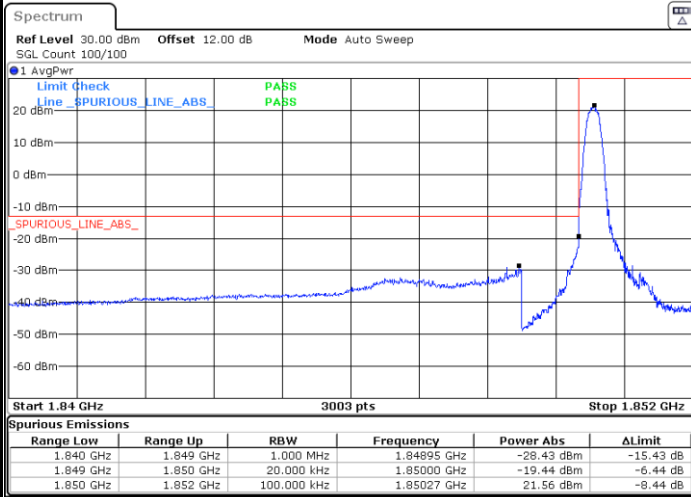


Date: 1.AUG.2023 09:47:25



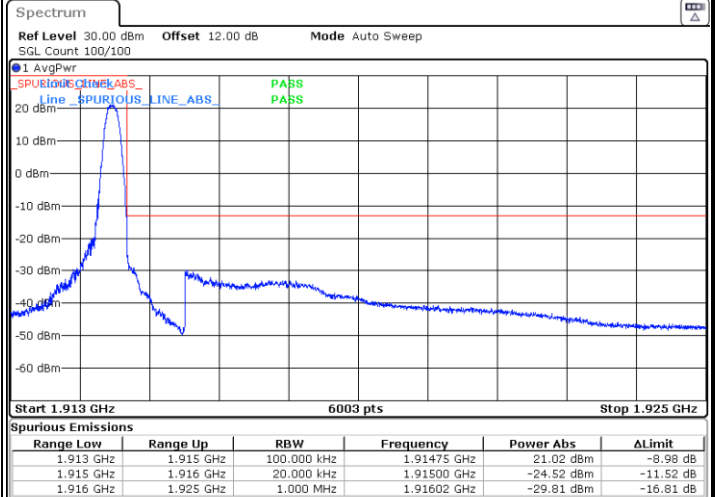
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



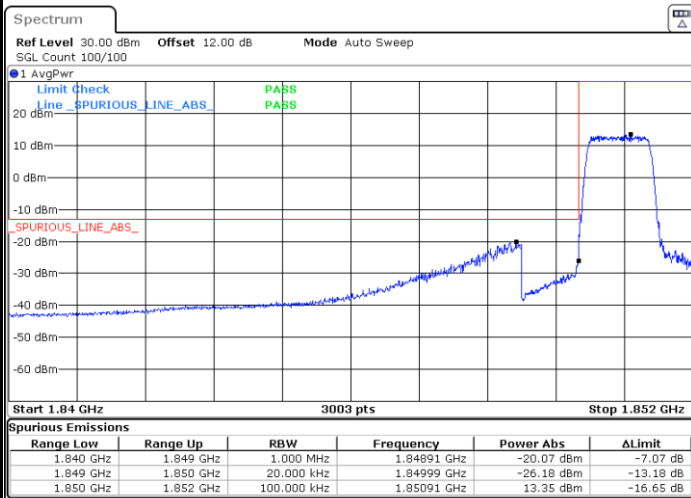
Date: 1.AUG.2023 09:40:10

Highest Band Edge / 1 RB



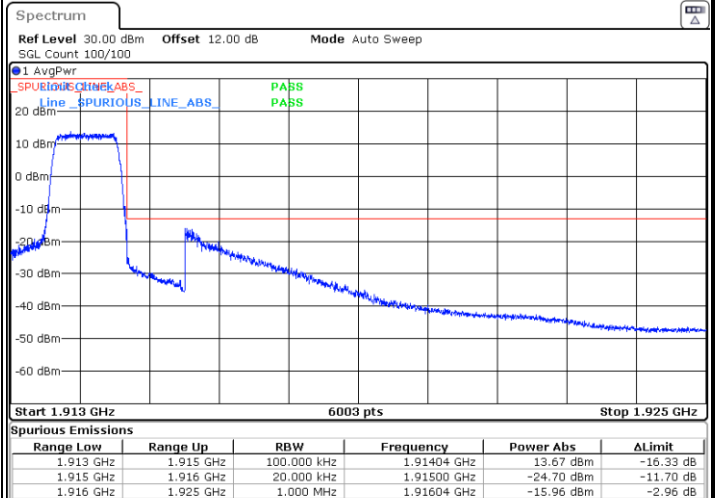
Date: 1.AUG.2023 09:49:24

Lowest Band Edge / Full RB



Date: 1.AUG.2023 09:42:10

Highest Band Edge / Full RB



Date: 1.AUG.2023 09:48:25



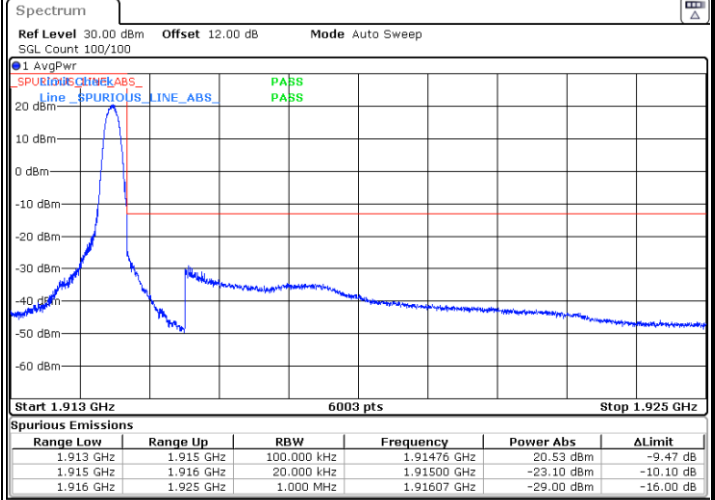
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



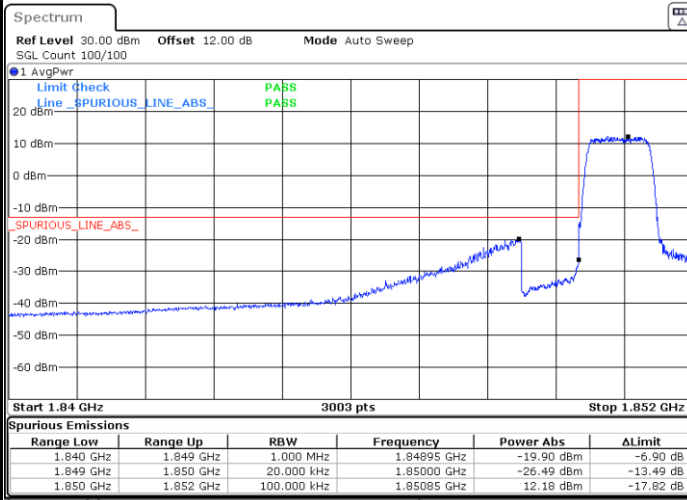
Date: 1.AUG.2023 09:52:32

Highest Band Edge / 1 RB



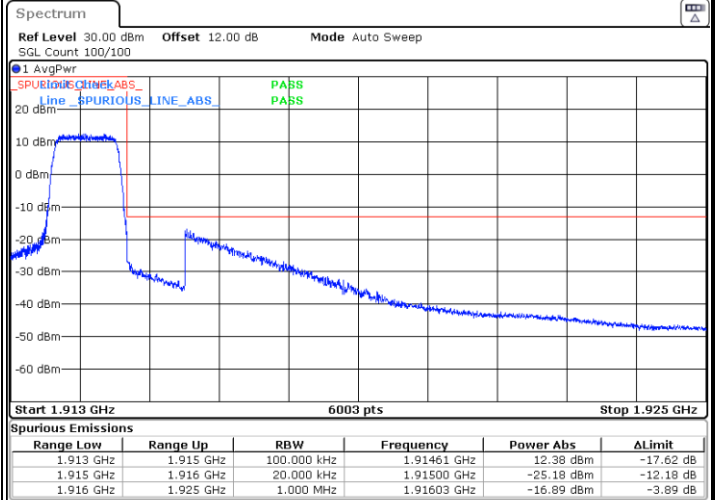
Date: 1.AUG.2023 09:56:14

Lowest Band Edge / Full RB



Date: 1.AUG.2023 09:53:32

Highest Band Edge / Full RB

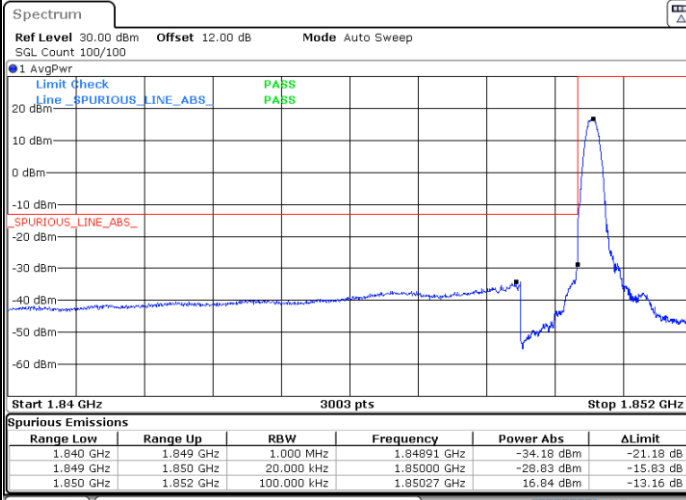


Date: 1.AUG.2023 09:55:14



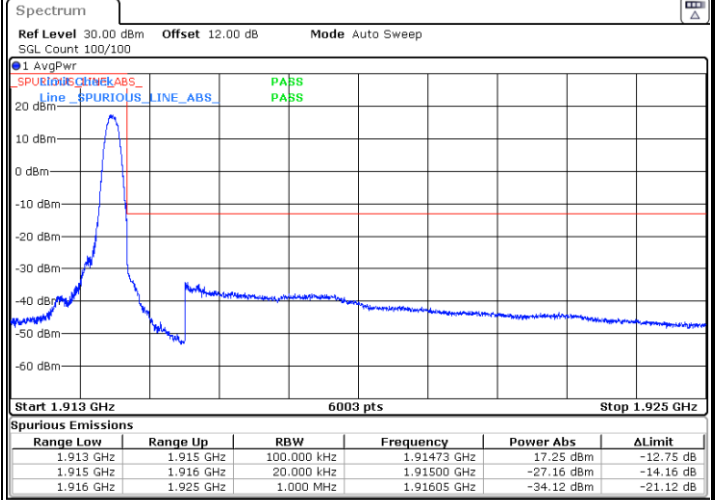
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



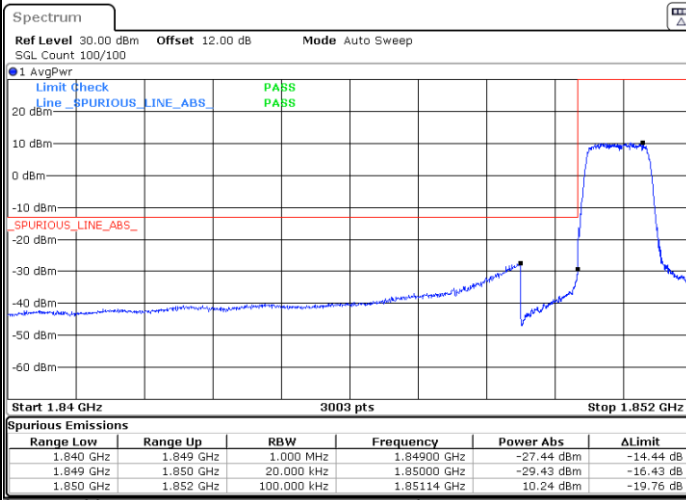
Date: 1.AUG.2023 11:12:28

Highest Band Edge / 1 RB



Date: 1.AUG.2023 11:16:17

Lowest Band Edge / Full RB



Date: 1.AUG.2023 11:13:28

Highest Band Edge / Full RB

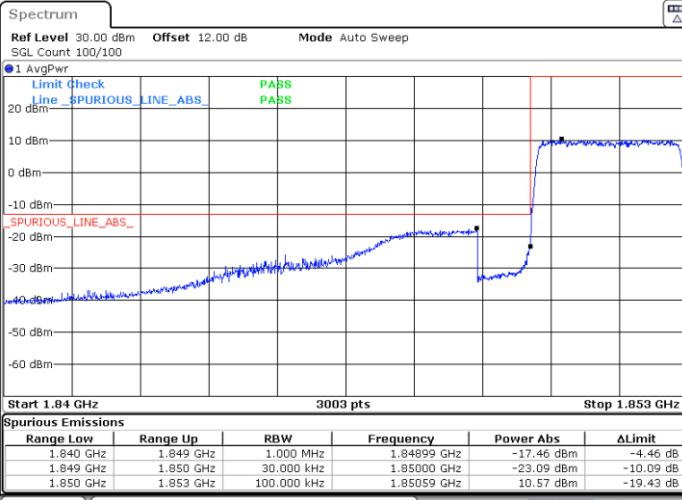


Date: 1.AUG.2023 11:15:14



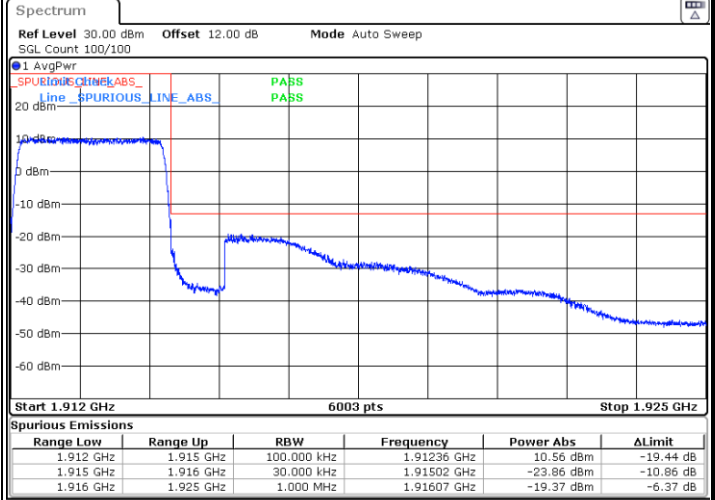
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / Full RB



Date: 1.AUG.2023 10:29:59

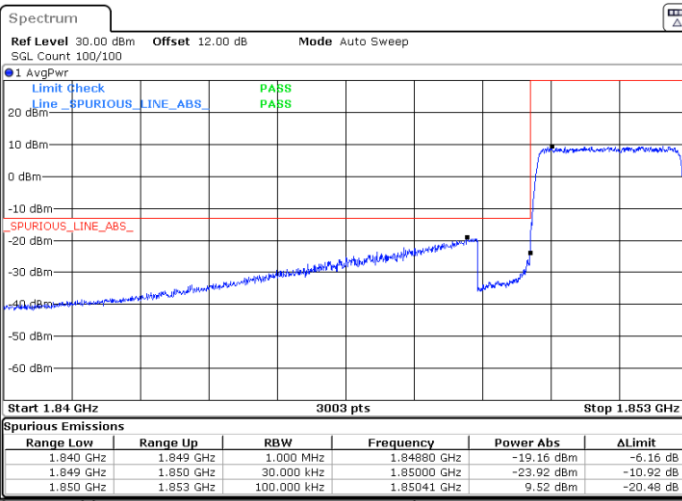
Highest Band Edge / Full RB



Date: 1.AUG.2023 10:33:56

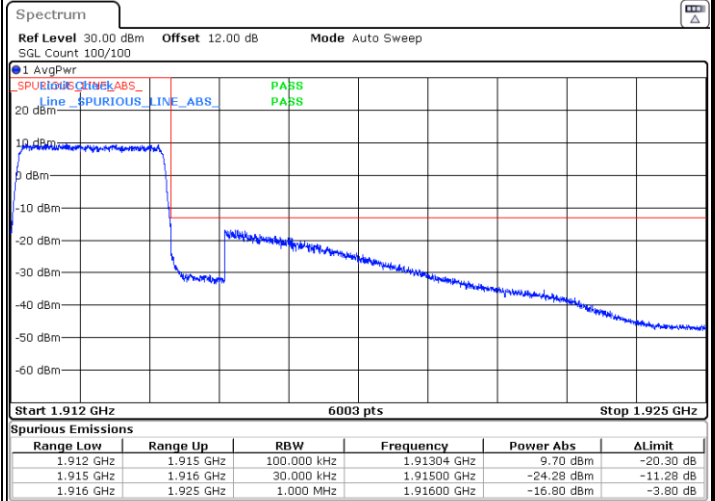
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 10:30:59

Highest Band Edge / Full RB



Date: 1.AUG.2023 10:34:56