

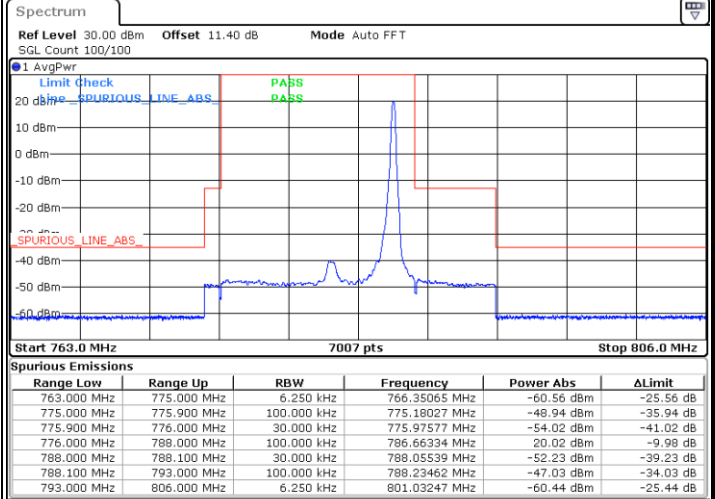
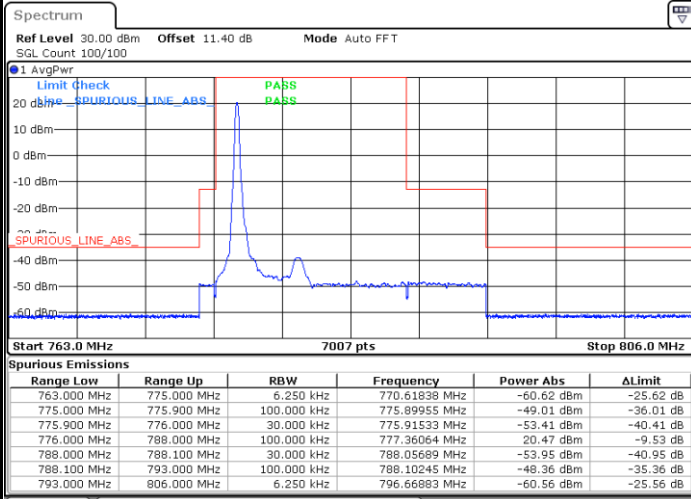


Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

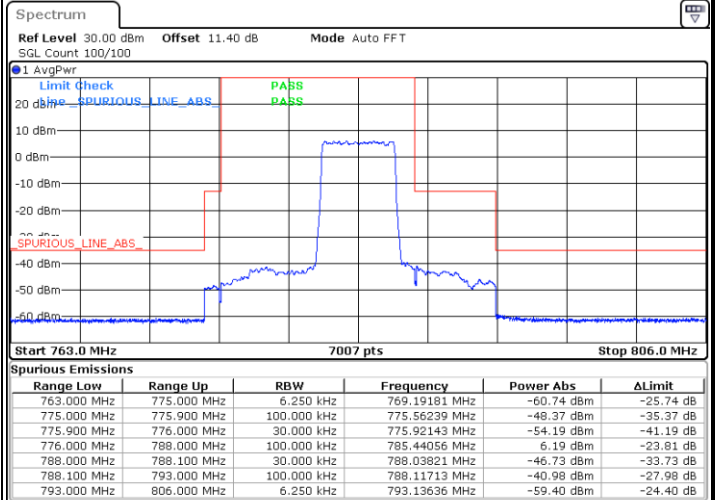
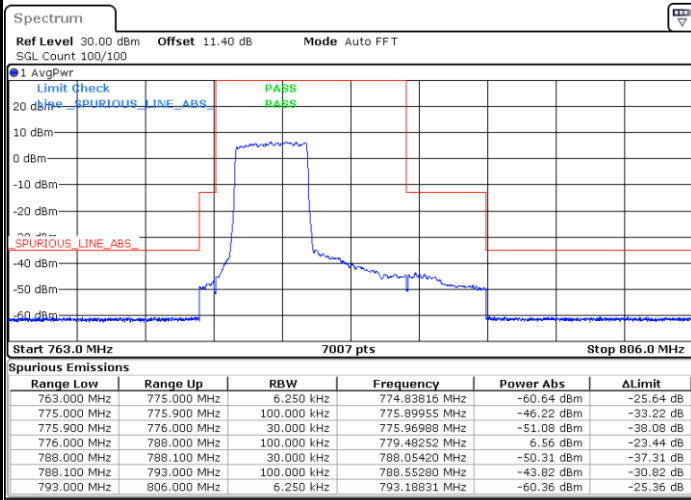


Date: 2.AUG.2023 15:35:48

Date: 2.AUG.2023 15:45:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.AUG.2023 15:31:20

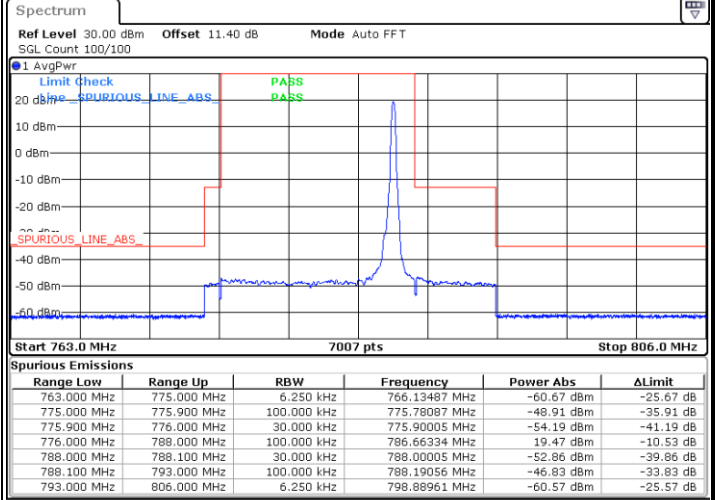
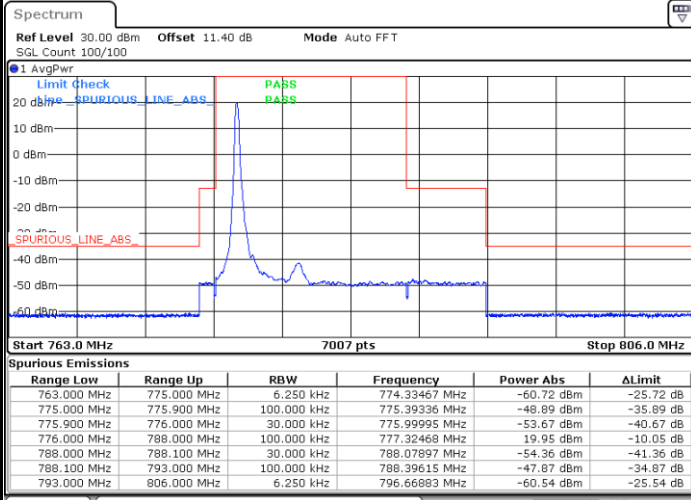
Date: 2.AUG.2023 15:41:20



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

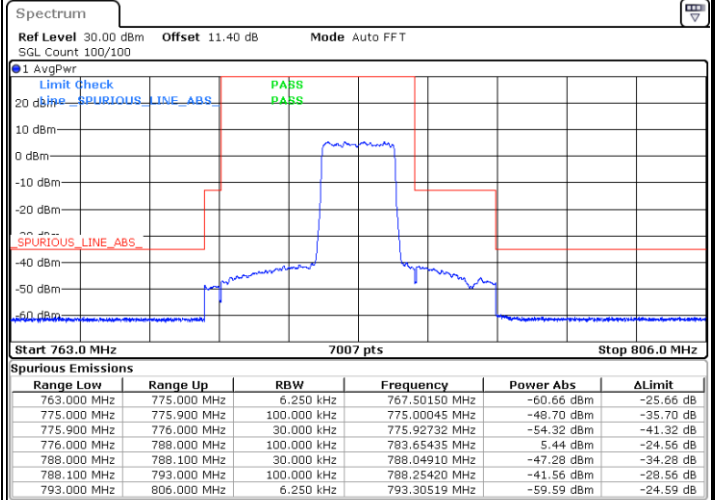
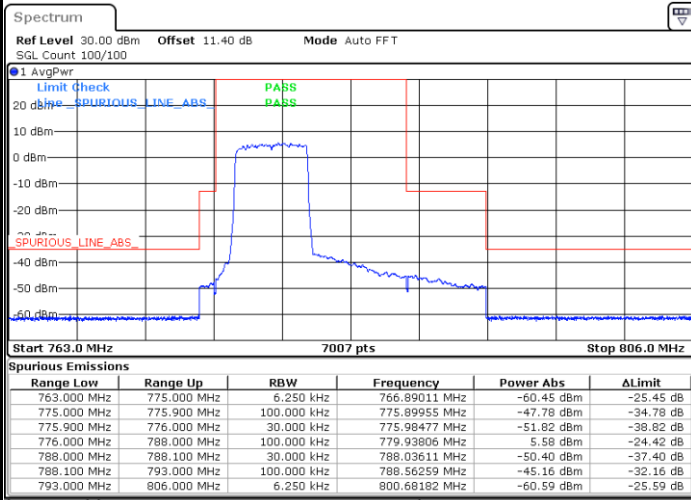


Date: 2.AUG.2023 15:34:19

Date: 2.AUG.2023 15:44:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.AUG.2023 15:32:49

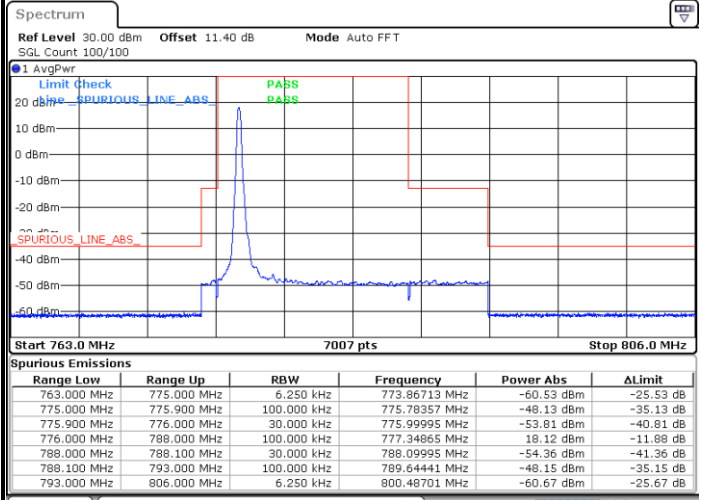
Date: 2.AUG.2023 15:42:50



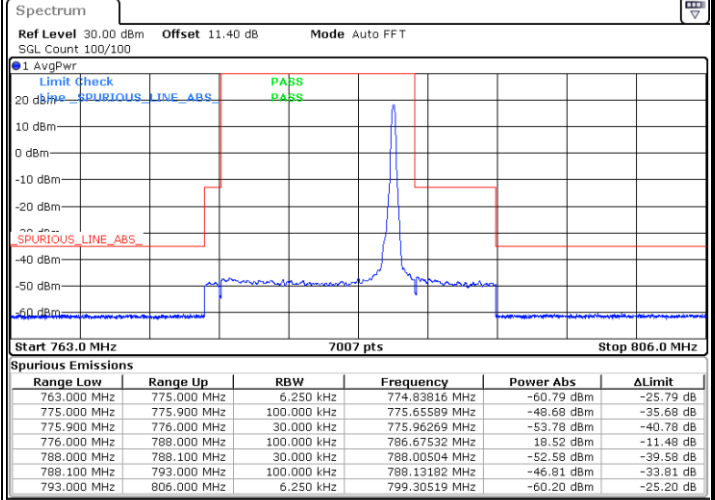
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



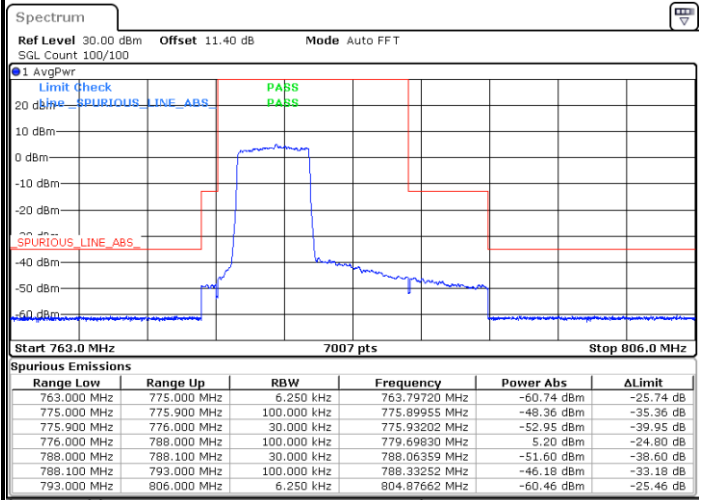
Date: 2.AUG.2023 15:51:33



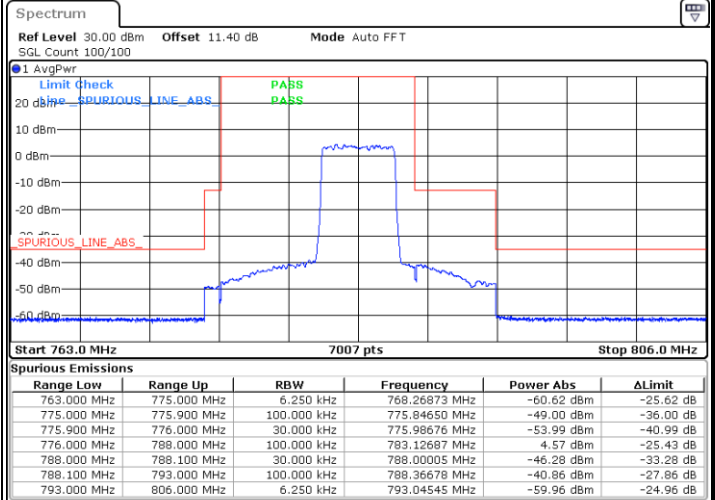
Date: 2.AUG.2023 15:55:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2.AUG.2023 15:50:04



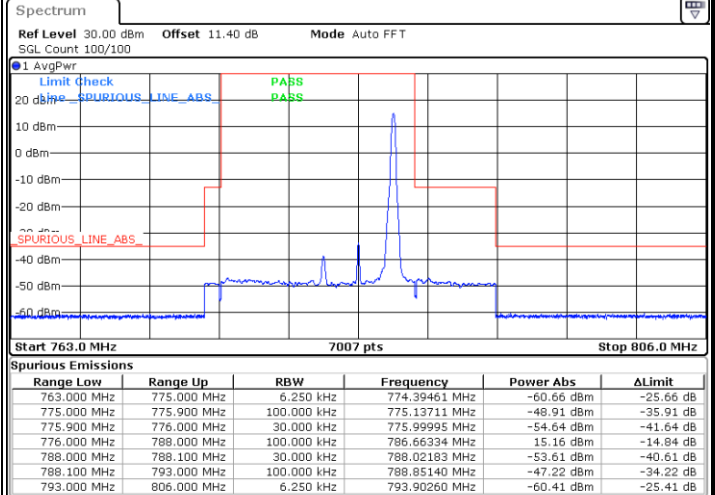
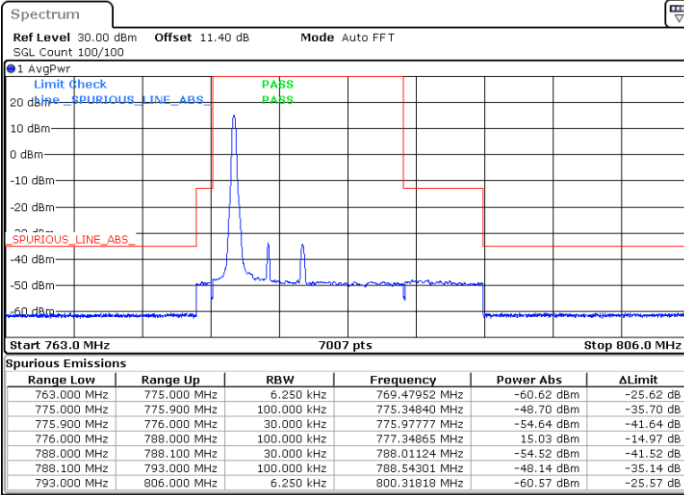
Date: 2.AUG.2023 15:53:49



LTE Band 13 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

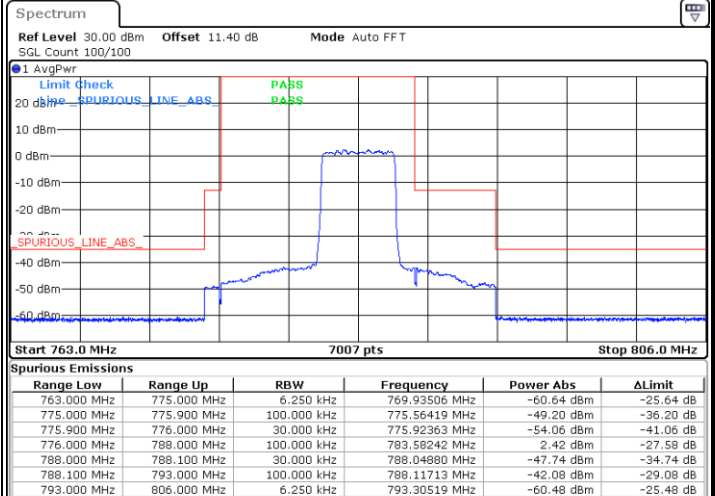
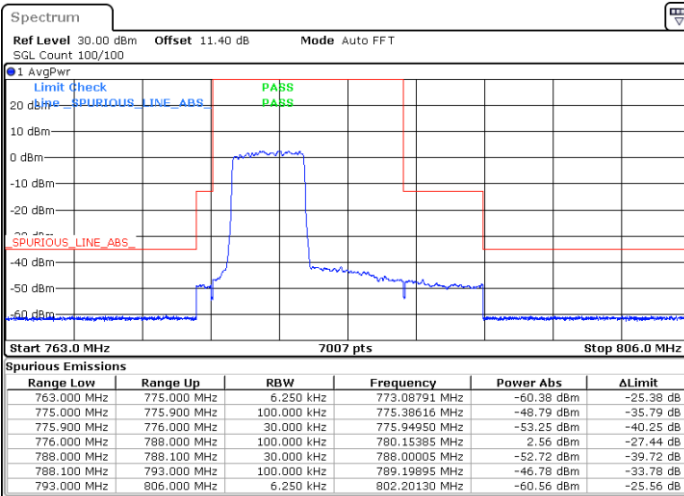


Date: 2.AUG.2023 16:06:09

Date: 2.AUG.2023 16:09:54

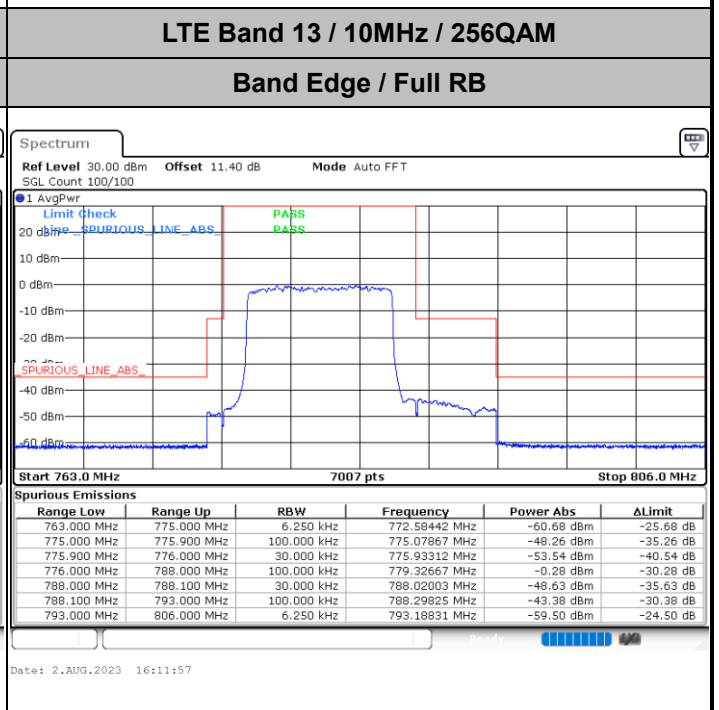
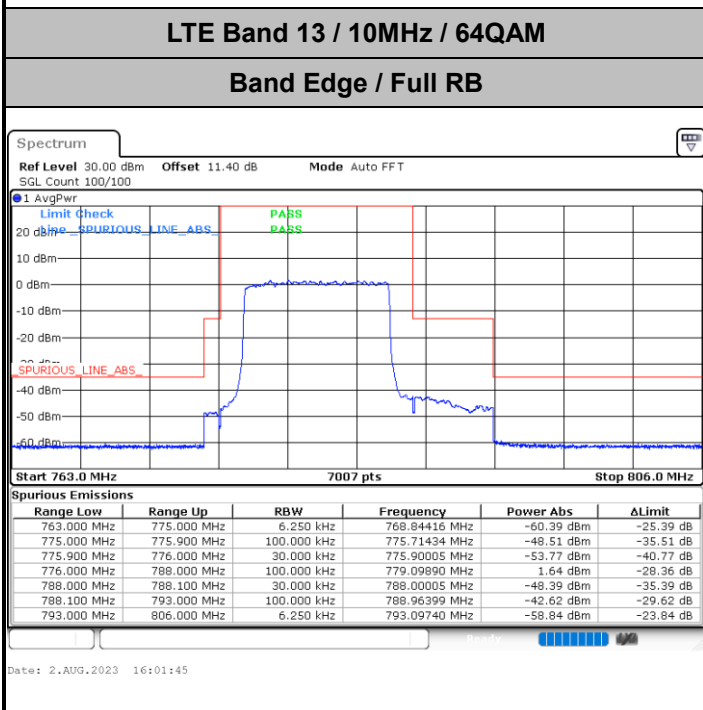
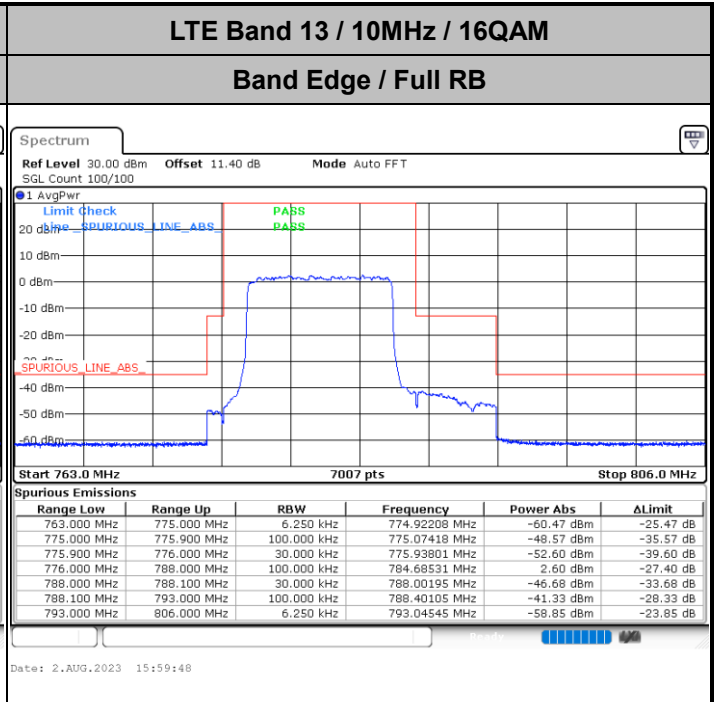
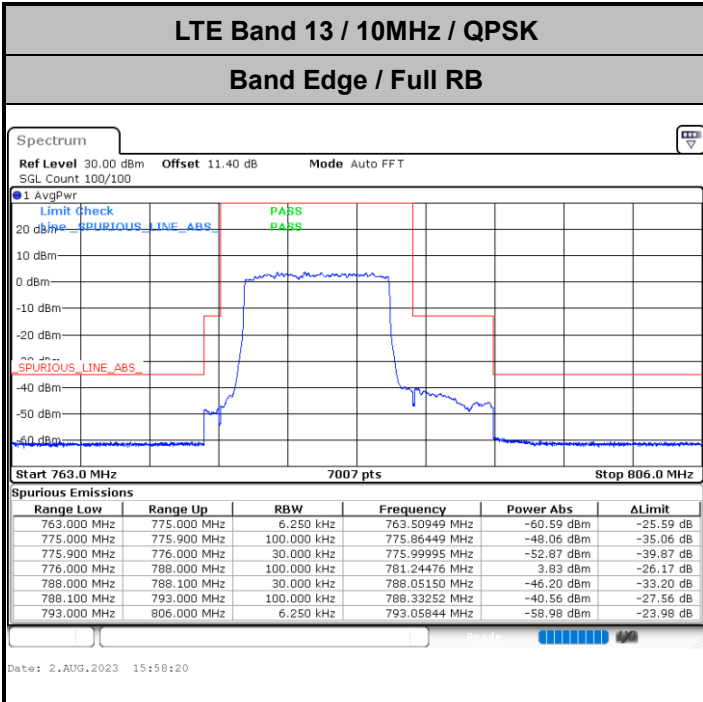
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



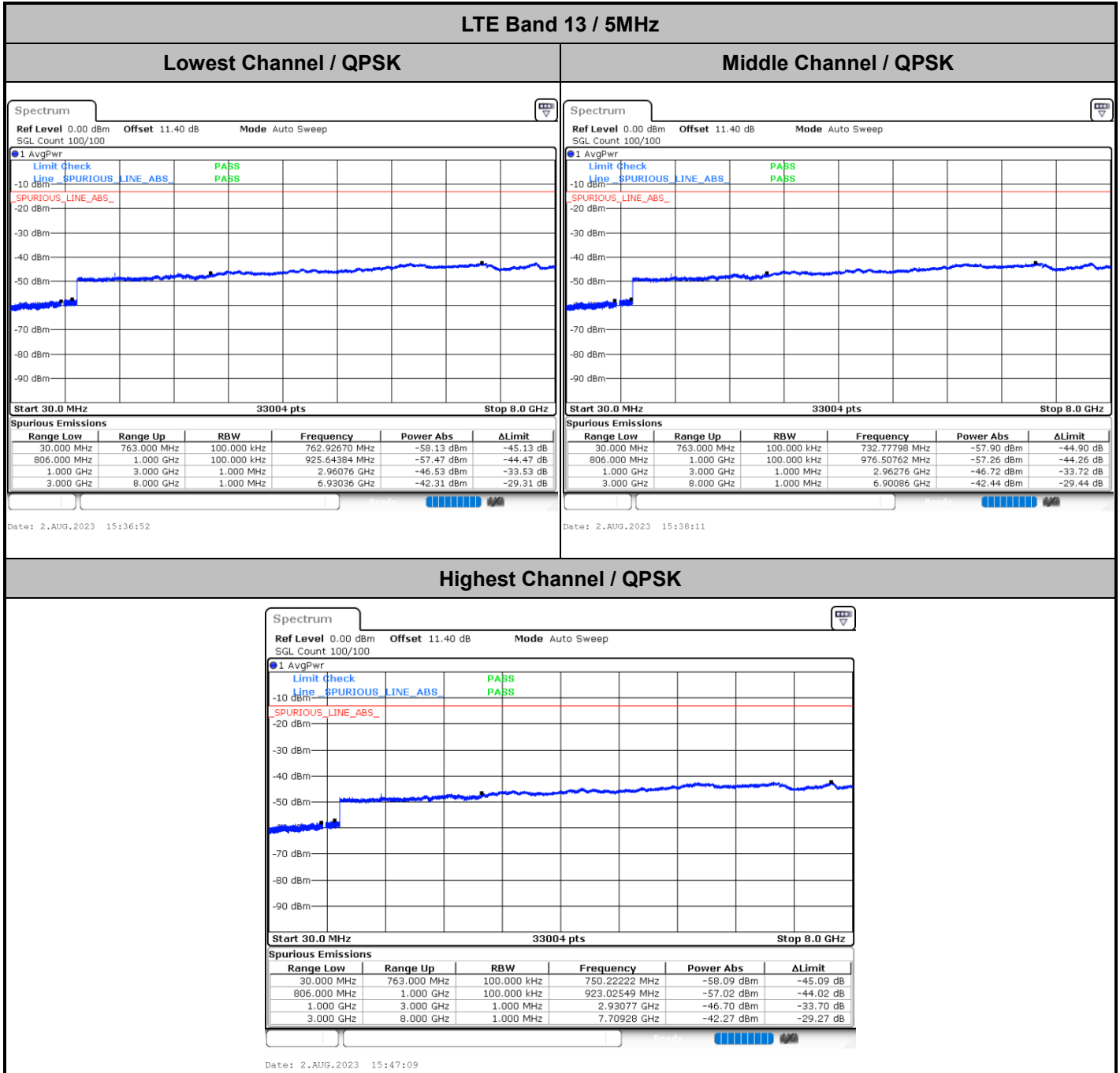
Date: 2.AUG.2023 16:04:37

Date: 2.AUG.2023 16:08:22





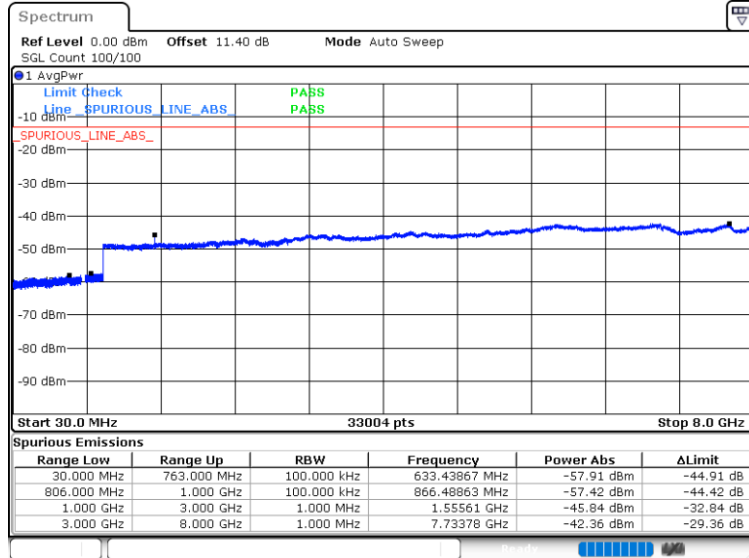
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 2.AUG.2023 16:13:31



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	0.0000	PASS
40	Normal Voltage	0.0106	
30	Normal Voltage	0.0145	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0110	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0150	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0087	

Note:

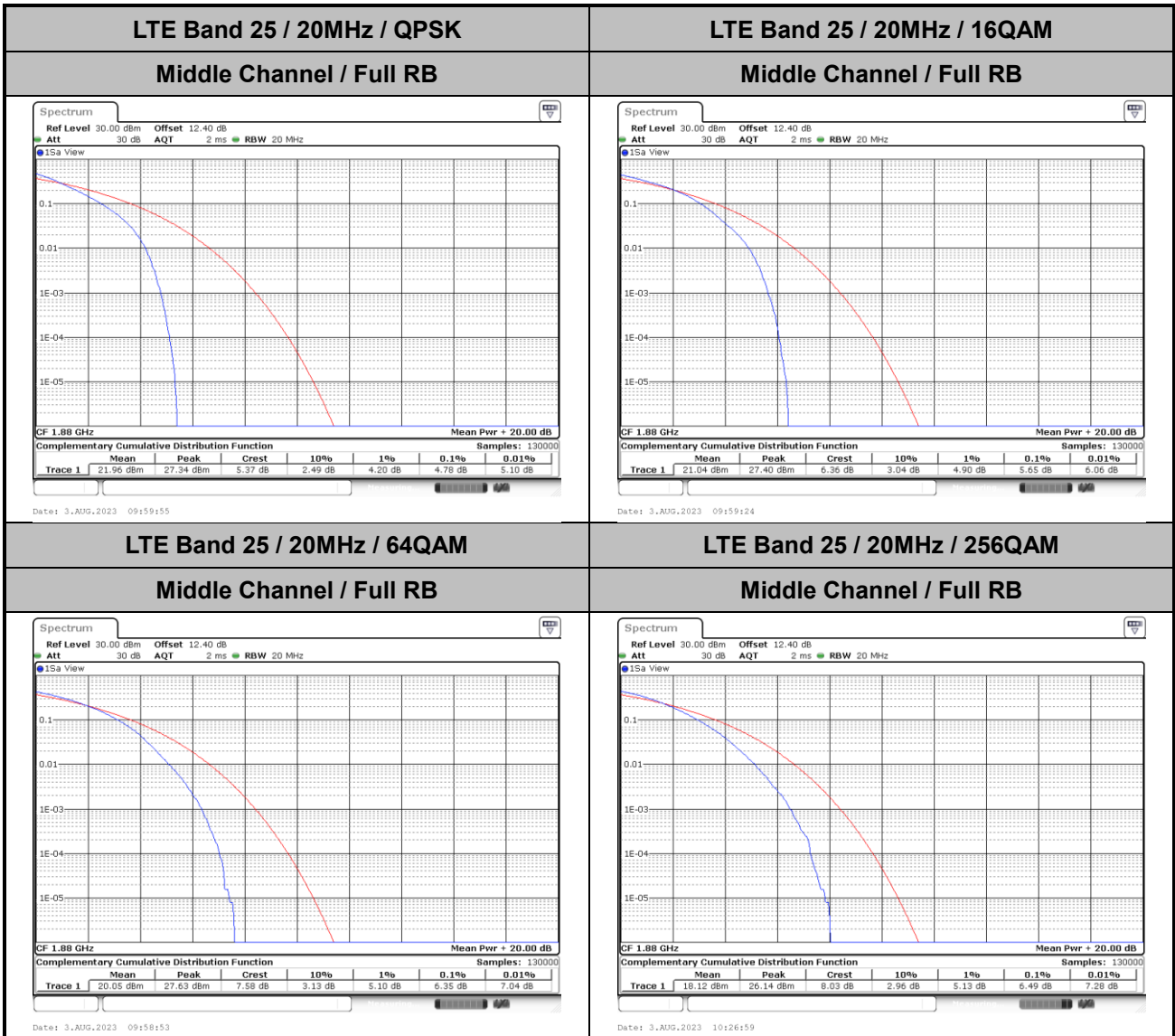
1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

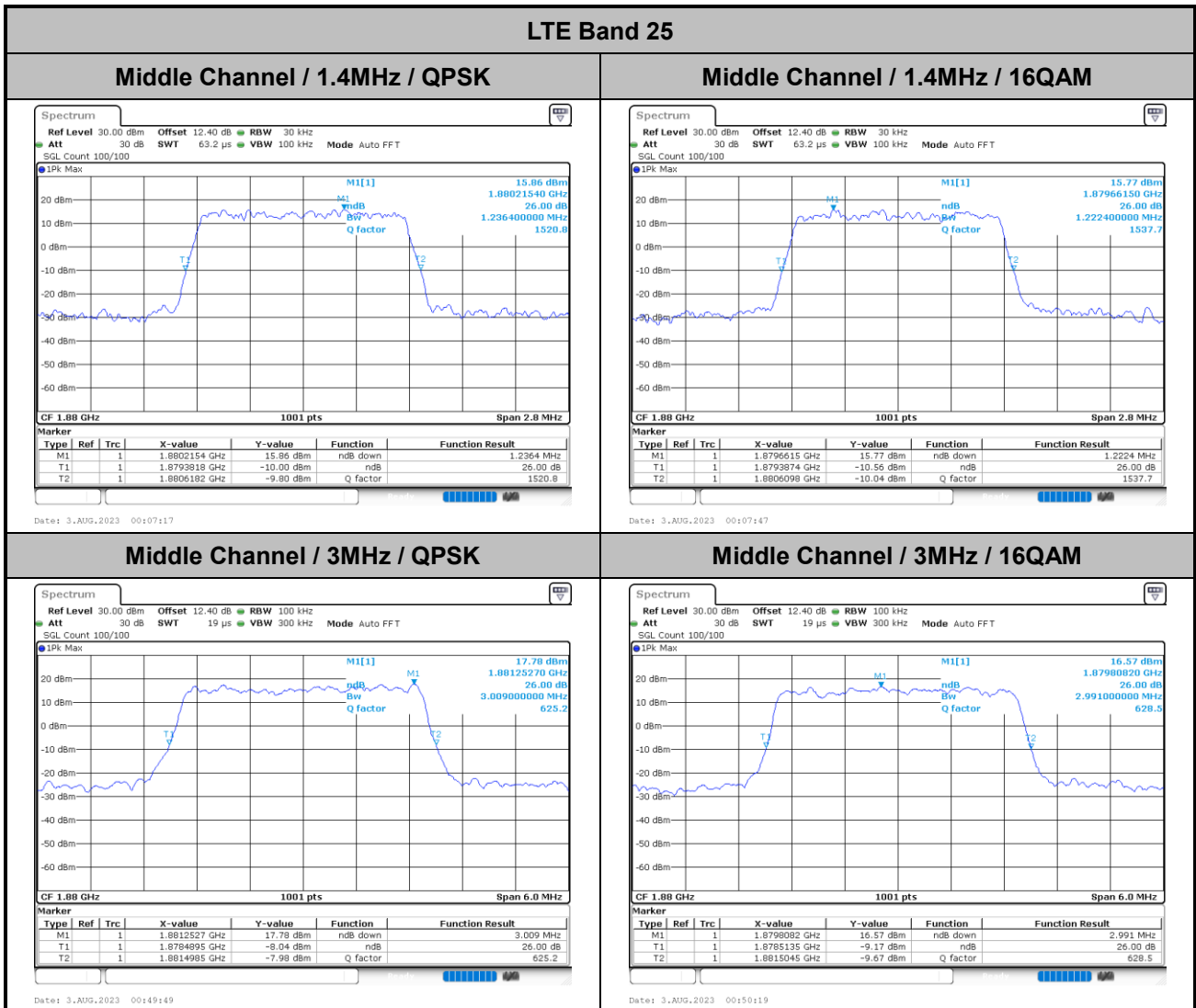
Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.78	5.65	6.35	6.49	PASS





26dB Bandwidth

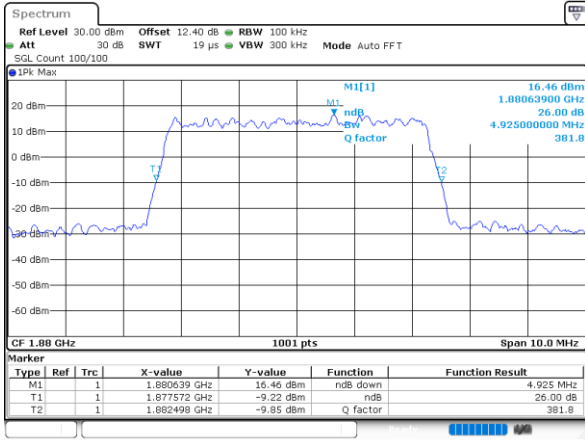
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.24	1.22	3.01	2.99	4.93	4.87	9.63	9.99	14.66	14.48	19.06	19.18
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.23	1.22	3.03	2.99	4.91	4.91	9.79	9.91	14.48	14.36	19.02	19.18



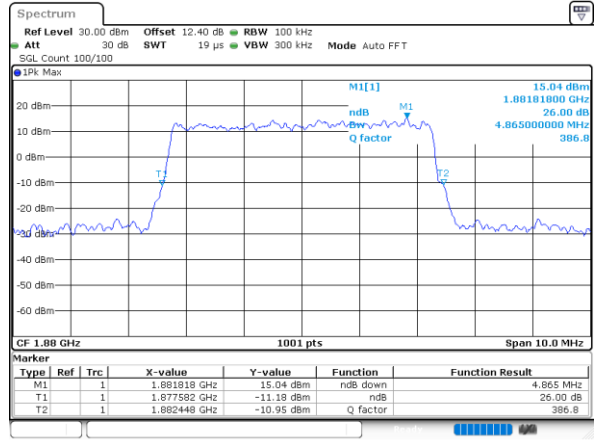


LTE Band 25

Middle Channel / 5MHz / QPSK



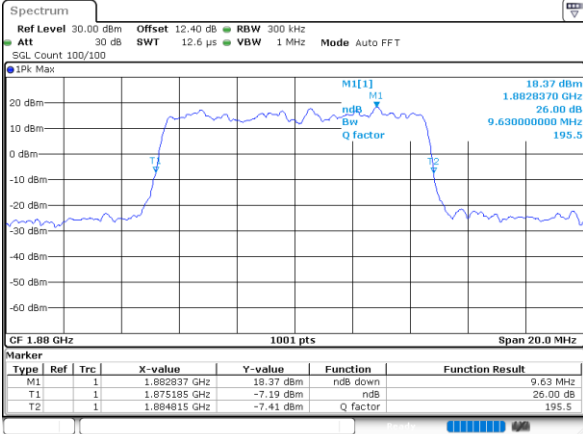
Middle Channel / 5MHz / 16QAM





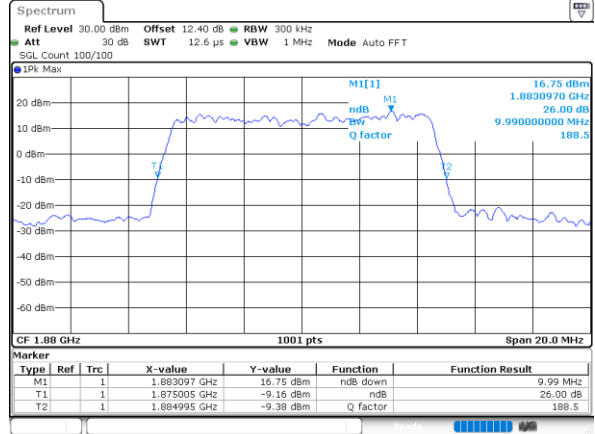
LTE Band 25

Middle Channel / 10MHz / QPSK



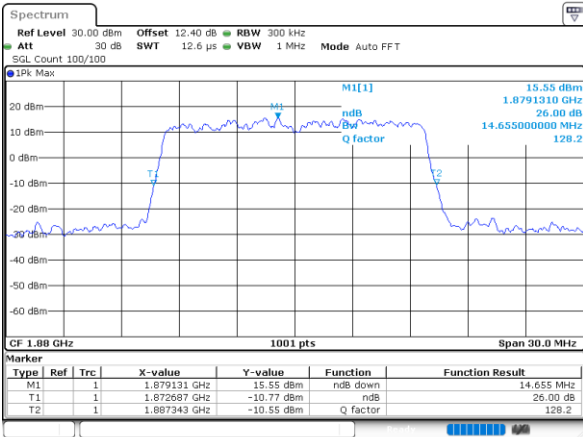
Date: 3.AUG.2023 09:16:29

Middle Channel / 10MHz / 16QAM



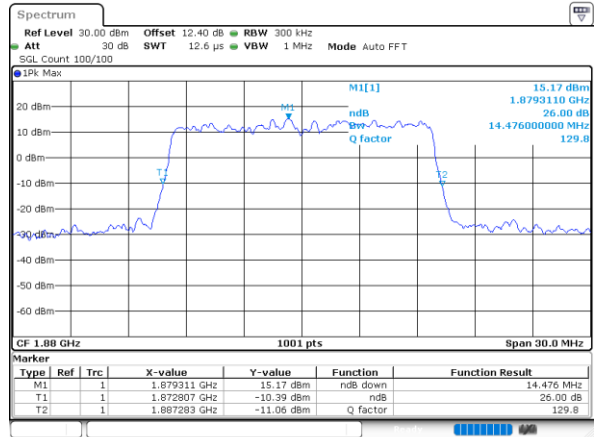
Date: 3.AUG.2023 09:16:59

Middle Channel / 15MHz / QPSK



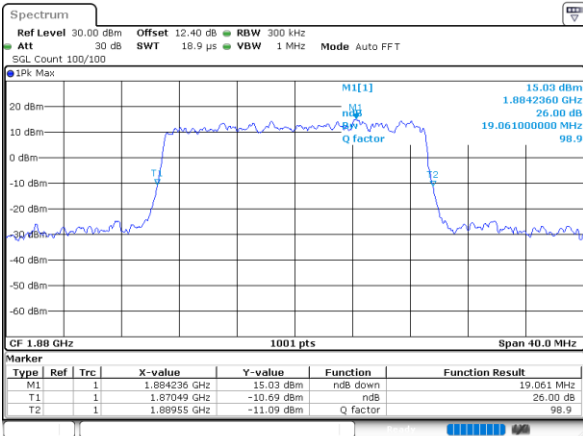
Date: 3.AUG.2023 09:18:40

Middle Channel / 15MHz / 16QAM



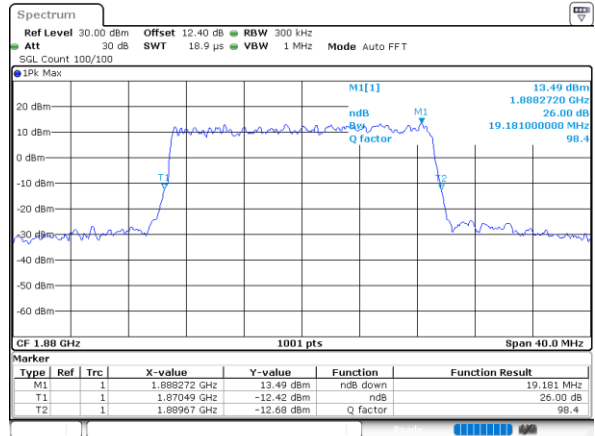
Date: 3.AUG.2023 09:19:10

Middle Channel / 20MHz / QPSK



Date: 3.AUG.2023 09:15:109

Middle Channel / 20MHz / 16QAM

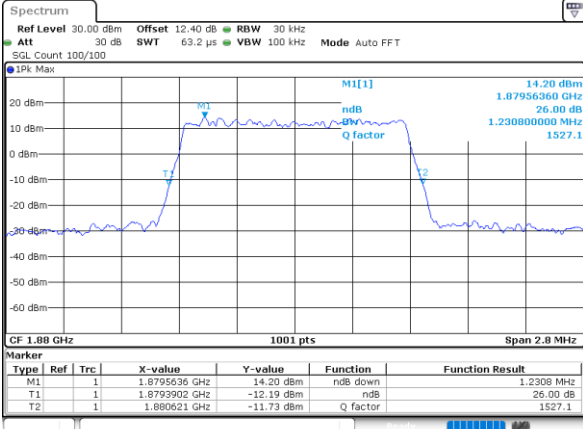


Date: 3.AUG.2023 09:15:139

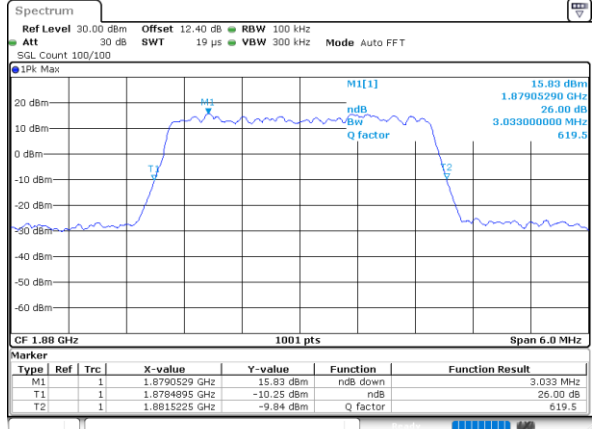


LTE Band 25

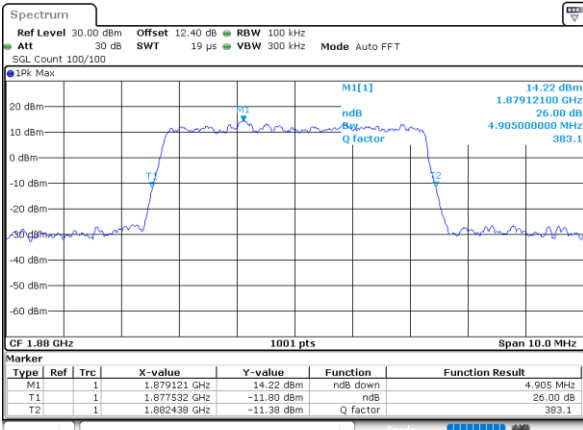
Middle Channel / 1.4MHz / 64QAM



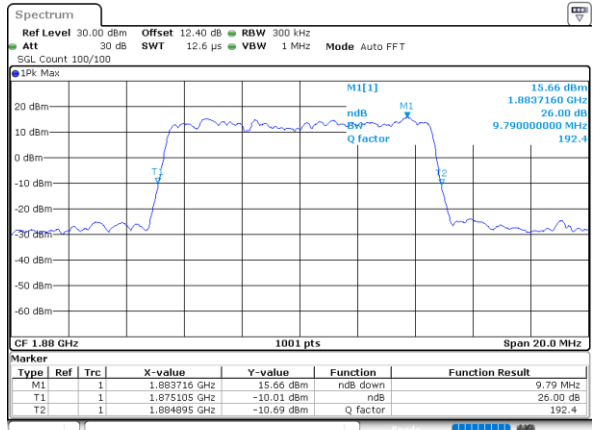
Middle Channel / 3MHz / 64QAM



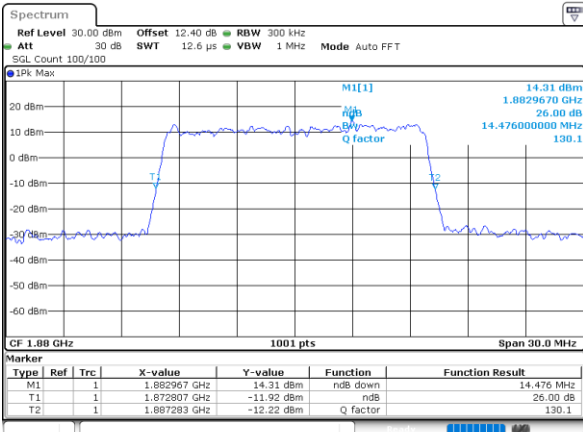
Middle Channel / 5MHz / 64QAM



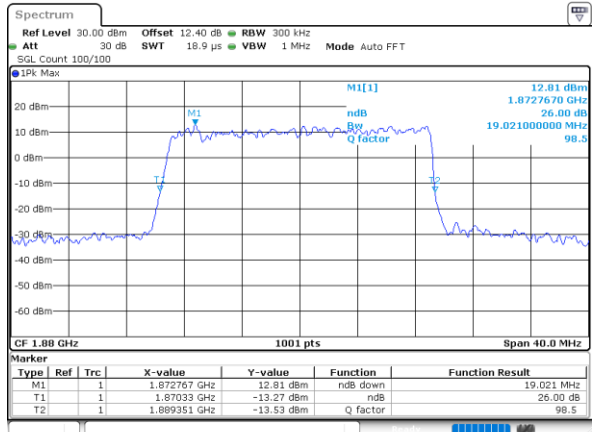
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



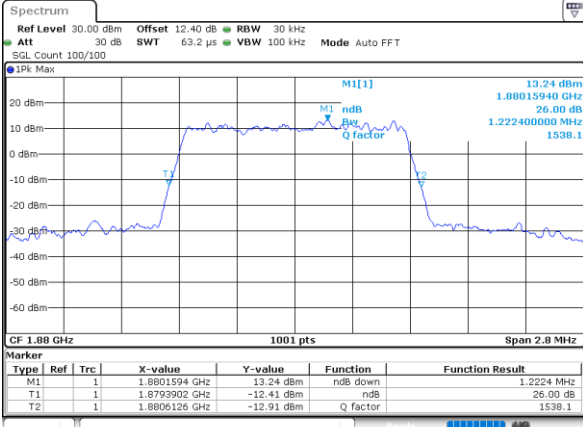
Middle Channel / 20MHz / 64QAM





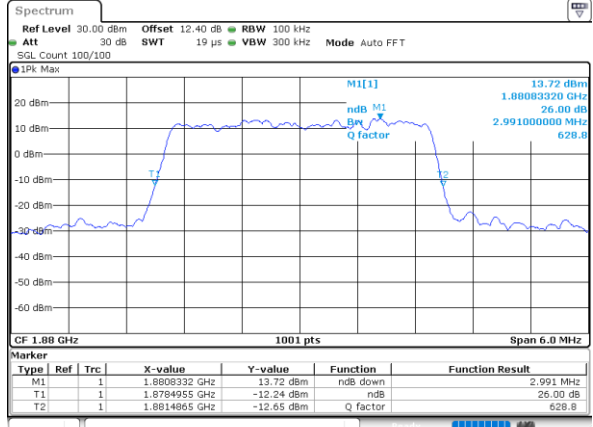
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



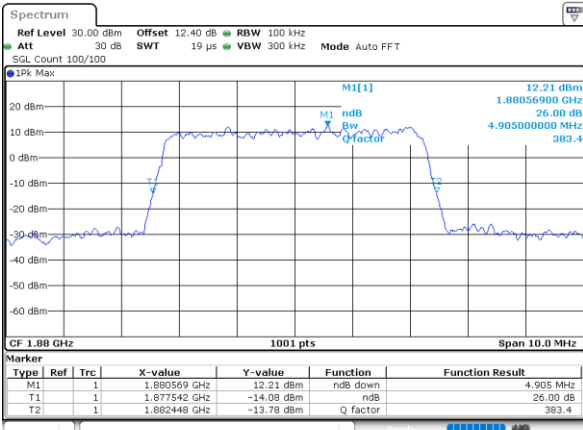
Date: 3,AUG,2023 10:03:50

Middle Channel / 3MHz / 256QAM



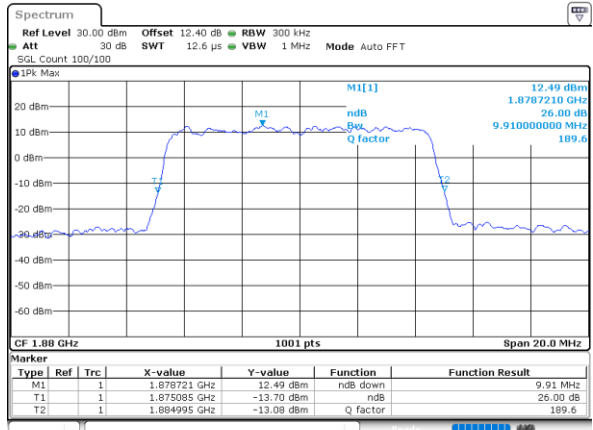
Date: 3,AUG,2023 10:09:16

Middle Channel / 5MHz / 256QAM



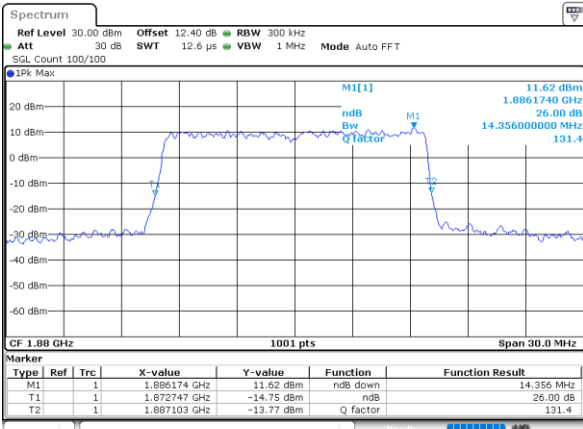
Date: 3,AUG,2023 10:13:10

Middle Channel / 10MHz / 256QAM



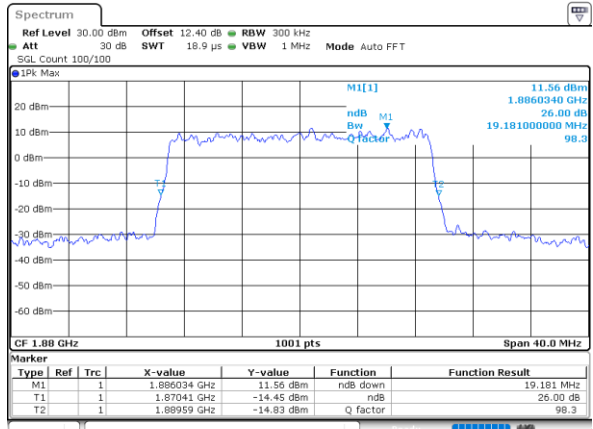
Date: 3,AUG,2023 10:17:05

Middle Channel / 15MHz / 256QAM



Date: 3,AUG,2023 10:20:59

Middle Channel / 20MHz / 256QAM

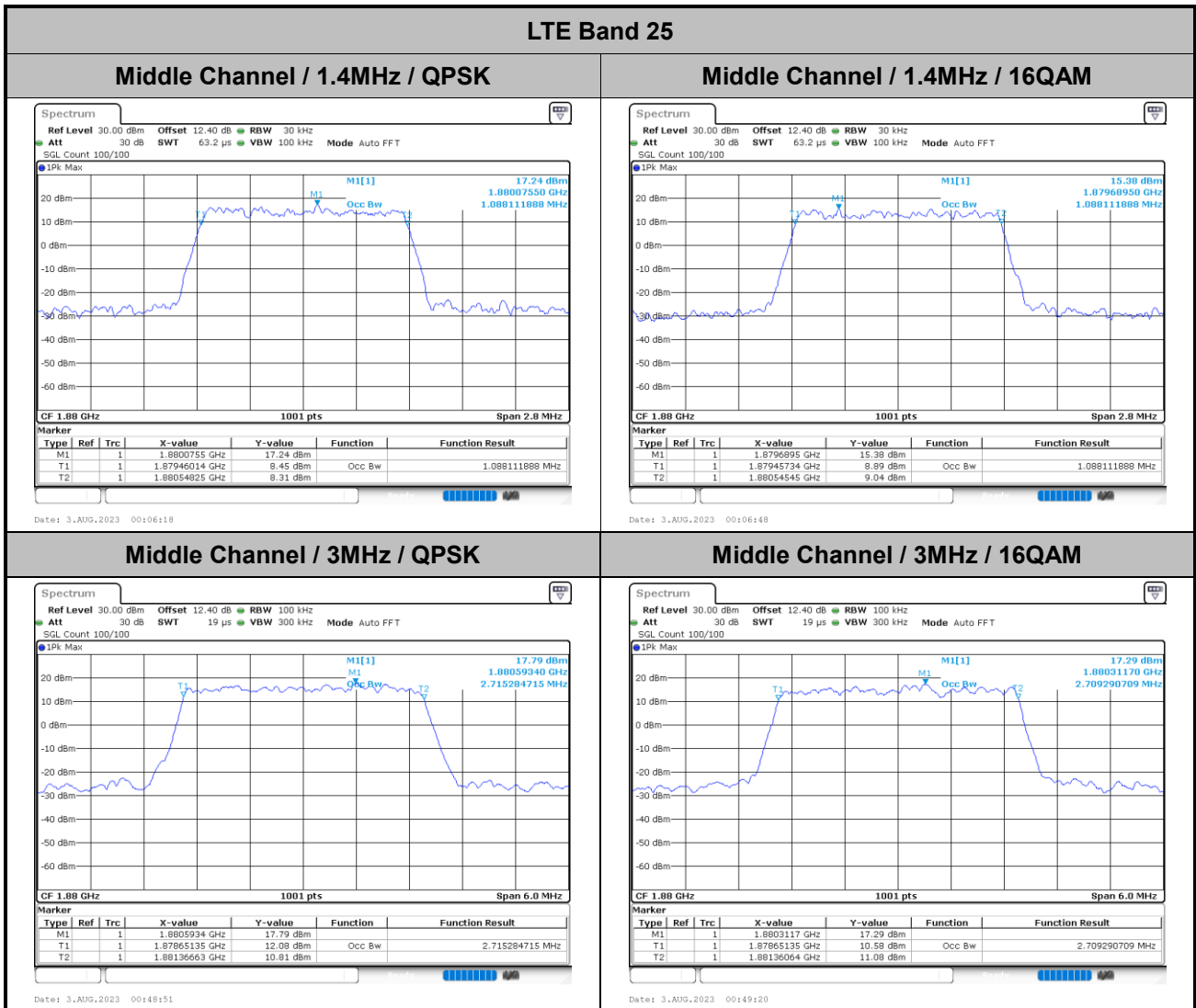


Date: 3,AUG,2023 10:24:53



Occupied Bandwidth

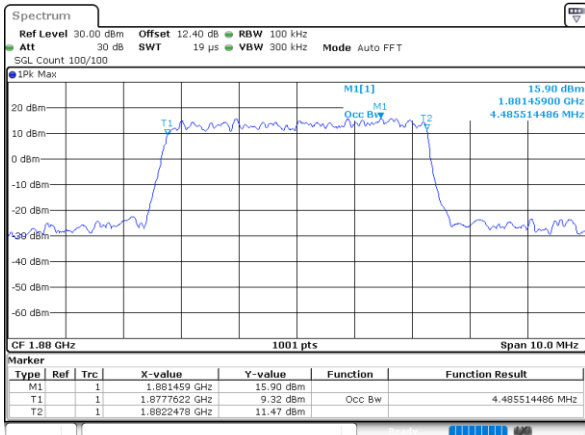
Mode		LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz	3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Middle CH	1.09	1.09	2.72	2.71	4.49	4.48	9.03	9.05	13.52	13.43	17.86	17.98	
Mode		LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz	3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	
Middle CH	1.09	1.10	2.72	2.72	4.48	4.49	9.05	9.09	13.40	13.46	17.82	17.86	





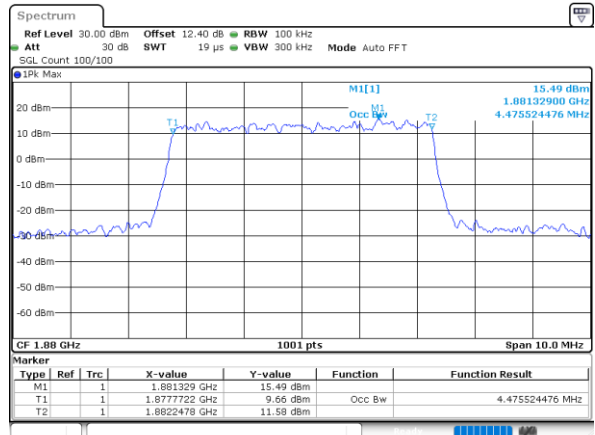
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 3_AUG.2023 01:50:06

Middle Channel / 5MHz / 16QAM

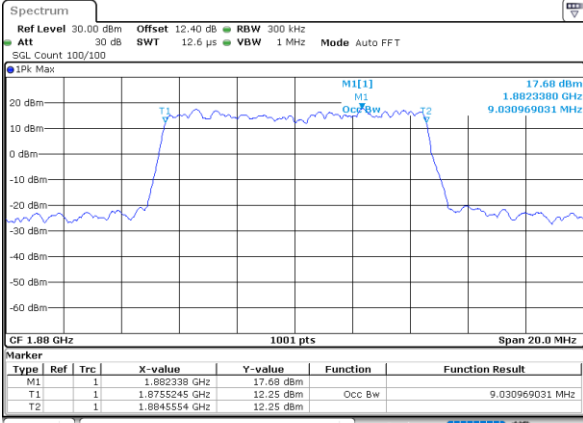


Date: 3_AUG.2023 01:50:36



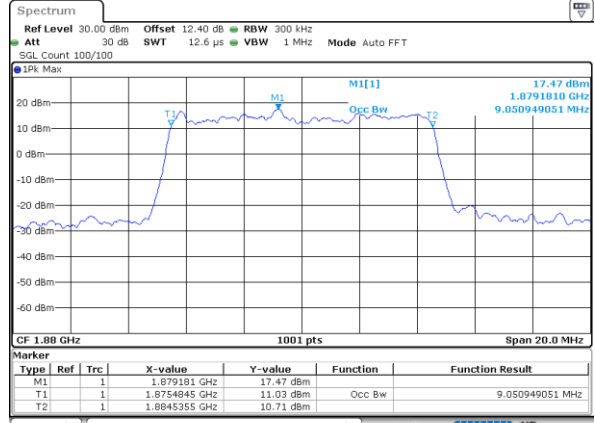
LTE Band 25

Middle Channel / 10MHz / QPSK



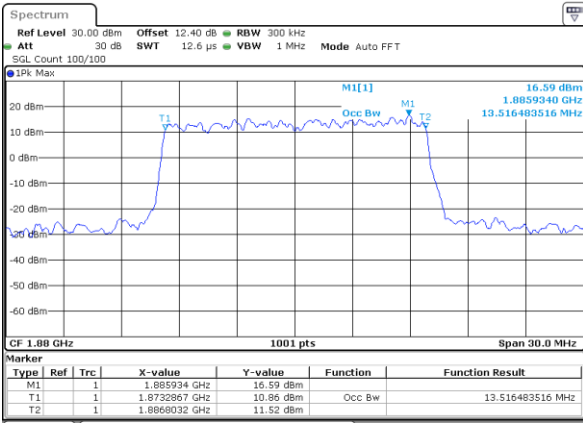
Date: 3.AUG.2023 09:15:30

Middle Channel / 10MHz / 16QAM



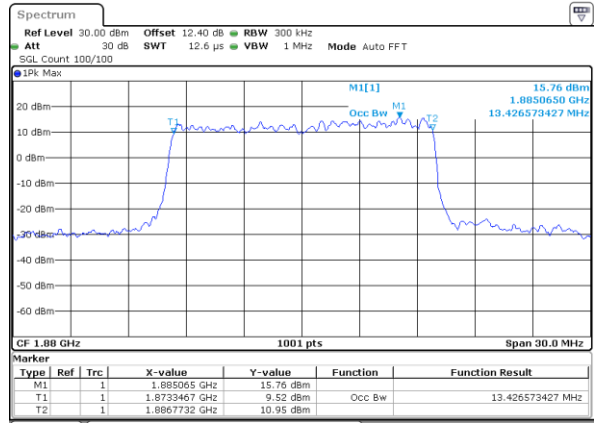
Date: 3.AUG.2023 09:16:00

Middle Channel / 15MHz / QPSK



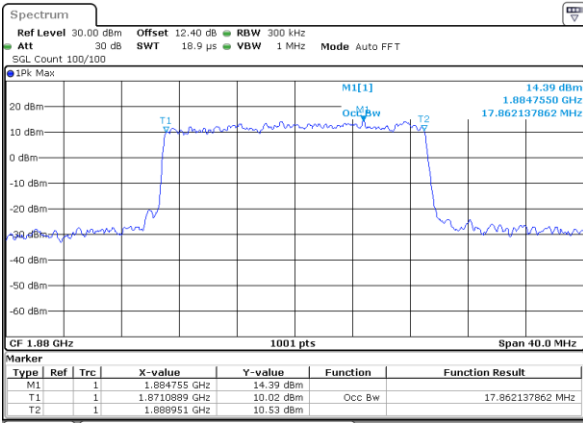
Date: 3.AUG.2023 09:27:41

Middle Channel / 15MHz / 16QAM



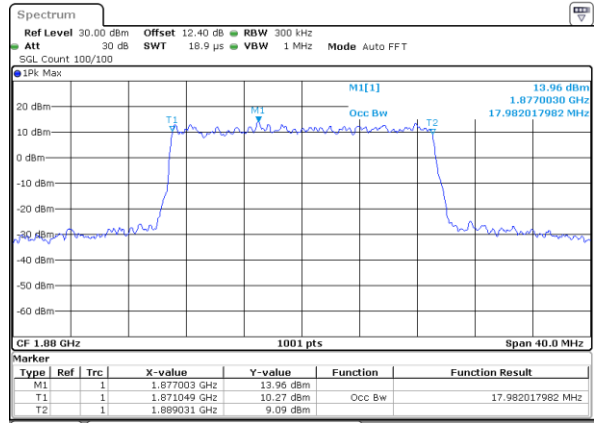
Date: 3.AUG.2023 09:38:11

Middle Channel / 20MHz / QPSK



Date: 3.AUG.2023 09:50:10

Middle Channel / 20MHz / 16QAM

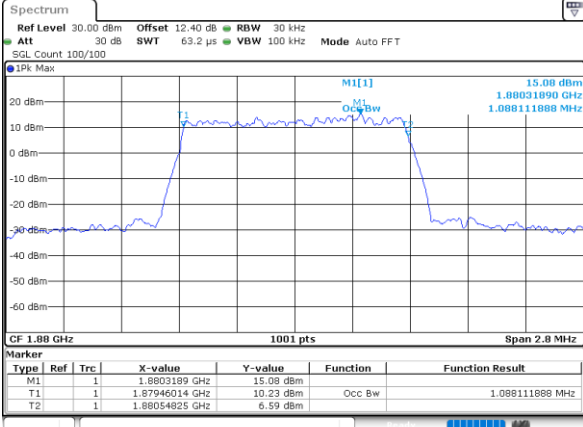


Date: 3.AUG.2023 09:50:39



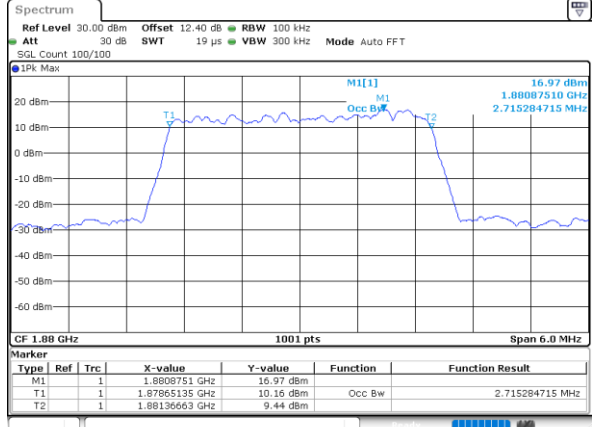
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



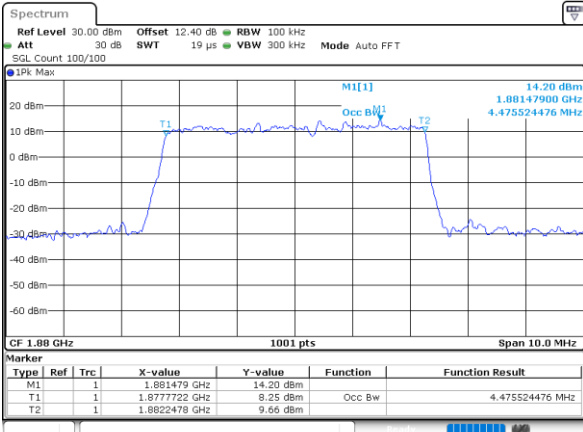
Date: 3.AUG.2023 00:19:51

Middle Channel / 3MHz / 64QAM



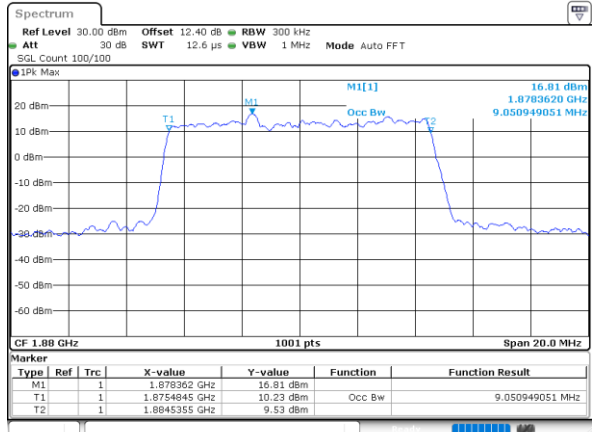
Date: 3.AUG.2023 00:43:38

Middle Channel / 5MHz / 64QAM



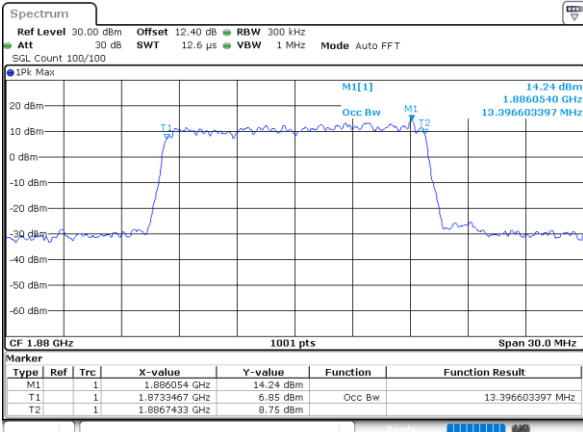
Date: 3.AUG.2023 01:16:34

Middle Channel / 10MHz / 64QAM



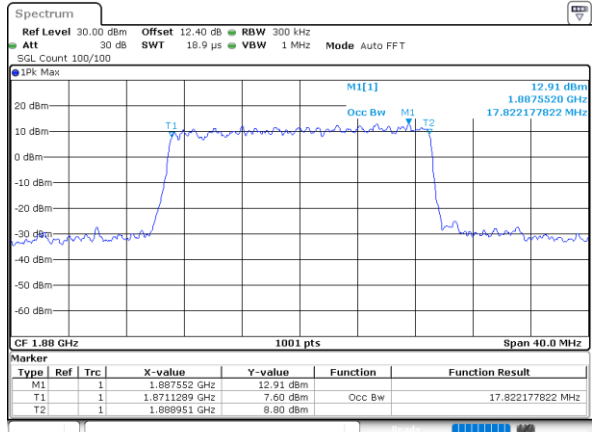
Date: 3.AUG.2023 09:21:58

Middle Channel / 15MHz / 64QAM



Date: 3.AUG.2023 09:32:28

Middle Channel / 20MHz / 64QAM

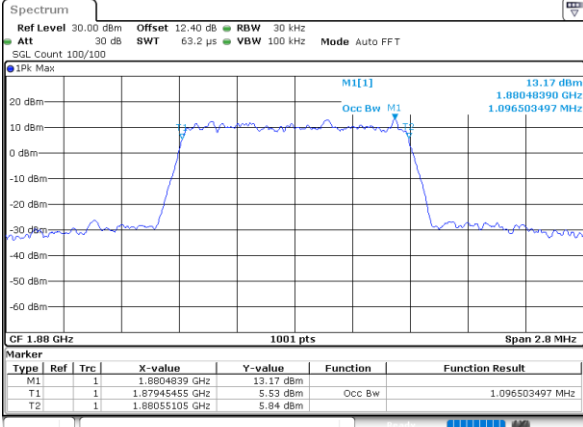


Date: 3.AUG.2023 09:56:38



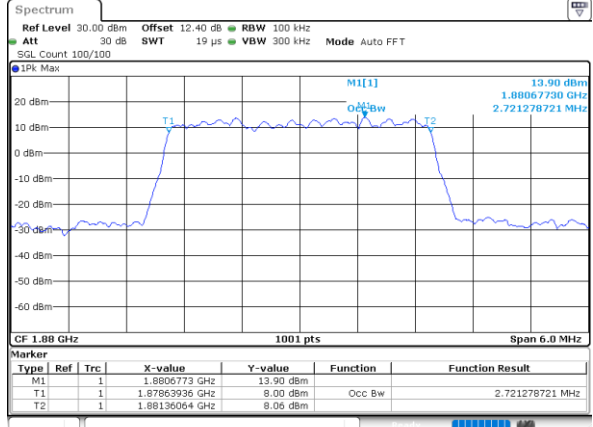
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



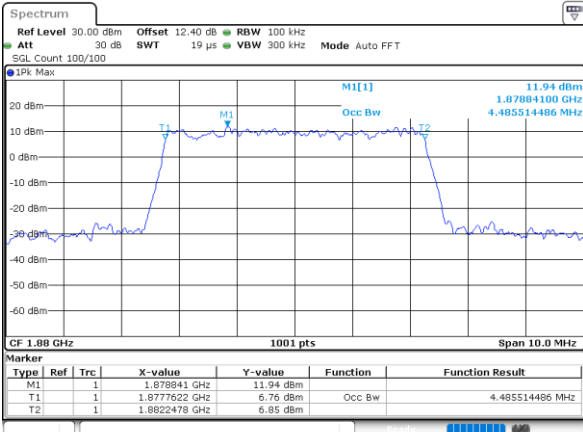
Date: 3.AUG.2023 10:03:36

Middle Channel / 3MHz / 256QAM



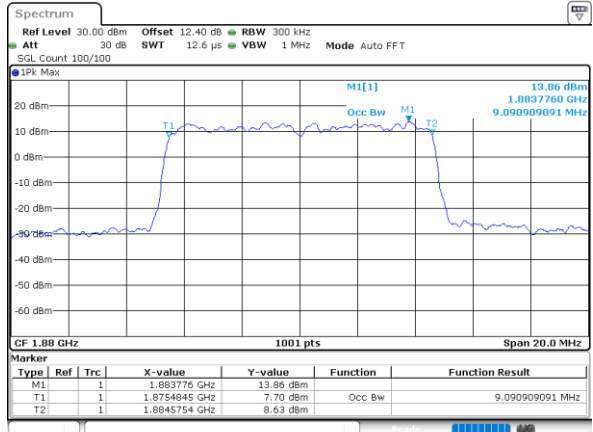
Date: 3.AUG.2023 10:09:02

Middle Channel / 5MHz / 256QAM



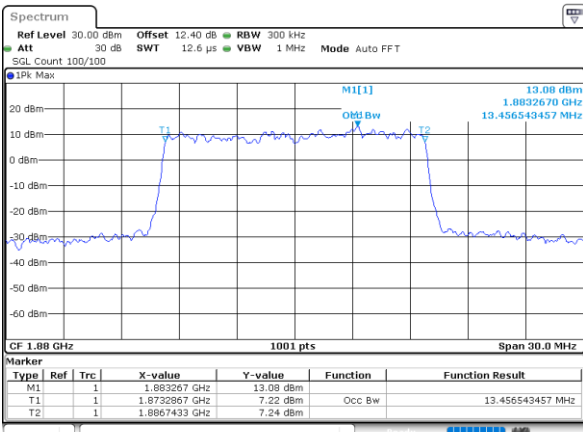
Date: 3.AUG.2023 10:12:56

Middle Channel / 10MHz / 256QAM



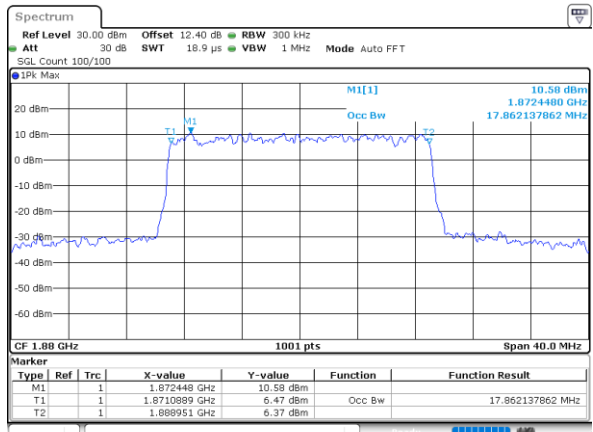
Date: 3.AUG.2023 10:16:50

Middle Channel / 15MHz / 256QAM



Date: 3.AUG.2023 10:20:45

Middle Channel / 20MHz / 256QAM



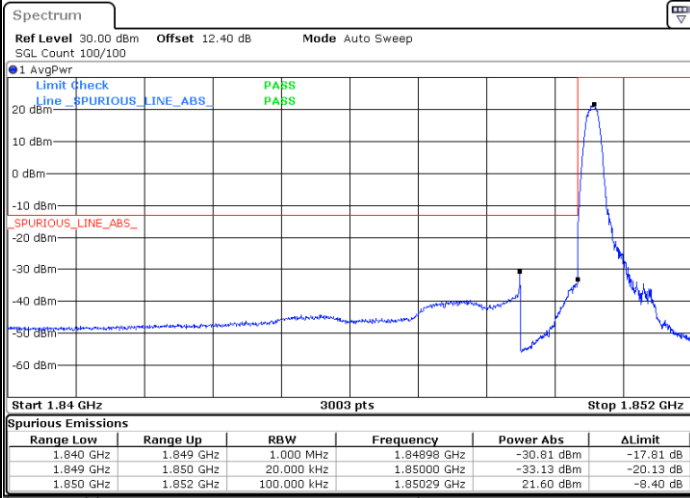
Date: 3.AUG.2023 10:24:39



Conducted Band Edge

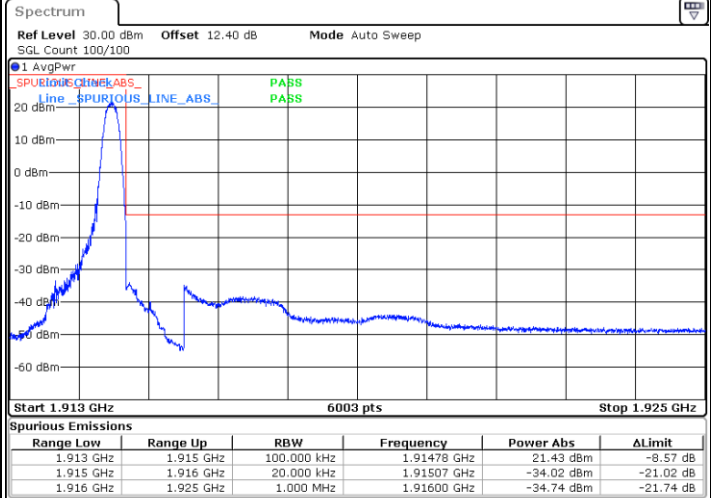
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



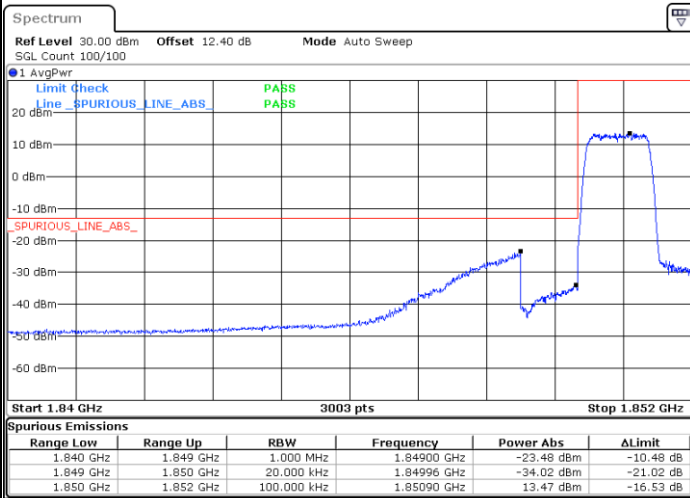
Date: 3.AUG.2023 00:00:00

Highest Band Edge / 1RB



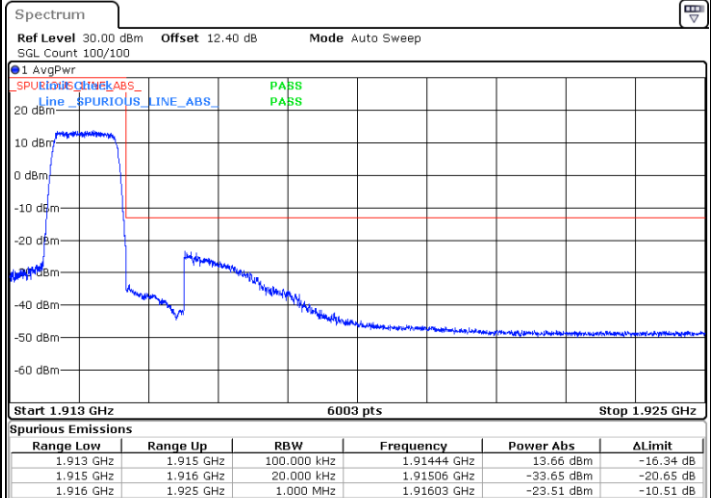
Date: 3.AUG.2023 00:15:03

Lowest Band Edge / Full RB



Date: 3.AUG.2023 00:02:59

Highest Band Edge / Full RB

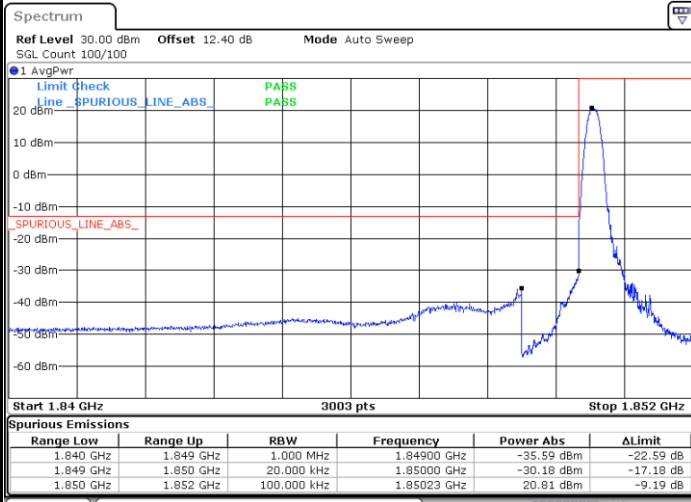


Date: 3.AUG.2023 00:10:34



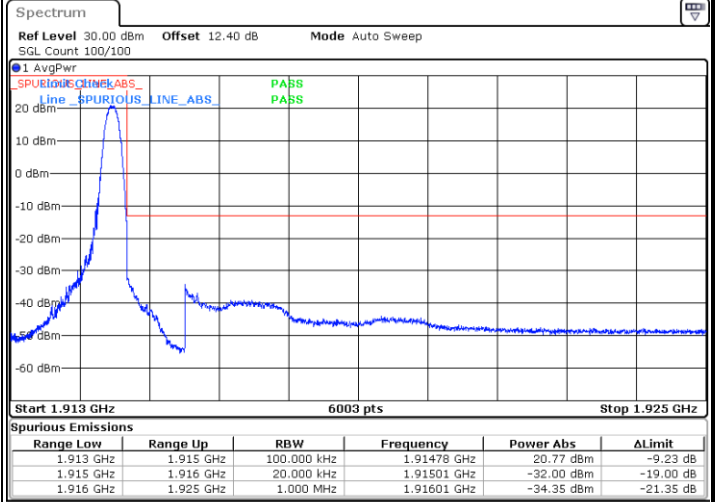
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



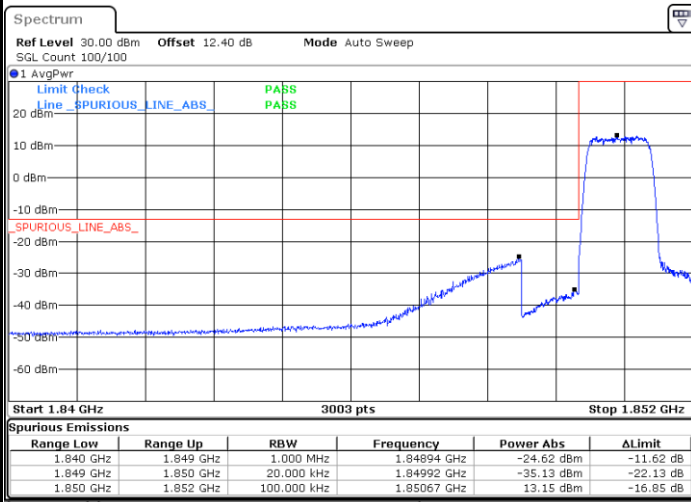
Date: 3.AUG.2023 00:01:30

Highest Band Edge / 1 RB



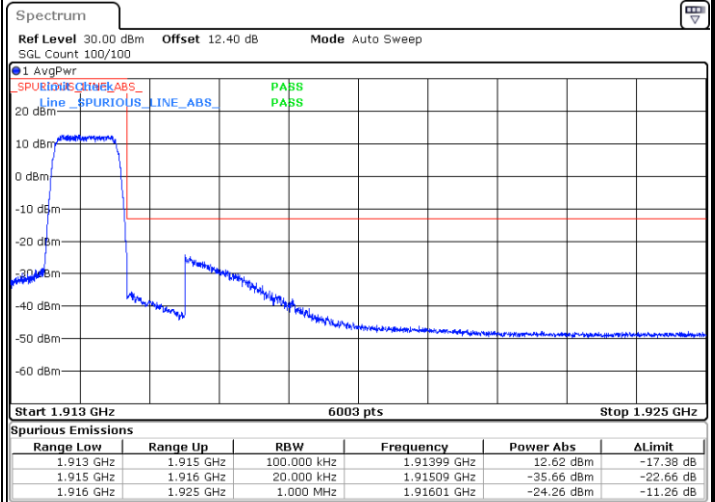
Date: 3.AUG.2023 00:13:33

Lowest Band Edge / Full RB



Date: 3.AUG.2023 00:04:29

Highest Band Edge / Full RB

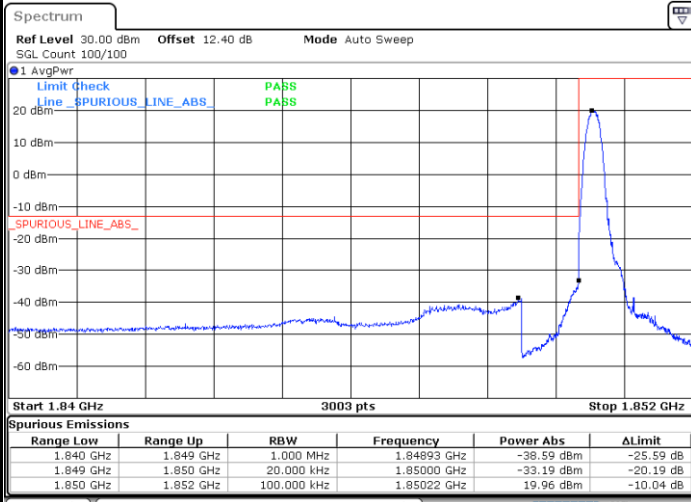


Date: 3.AUG.2023 00:12:04

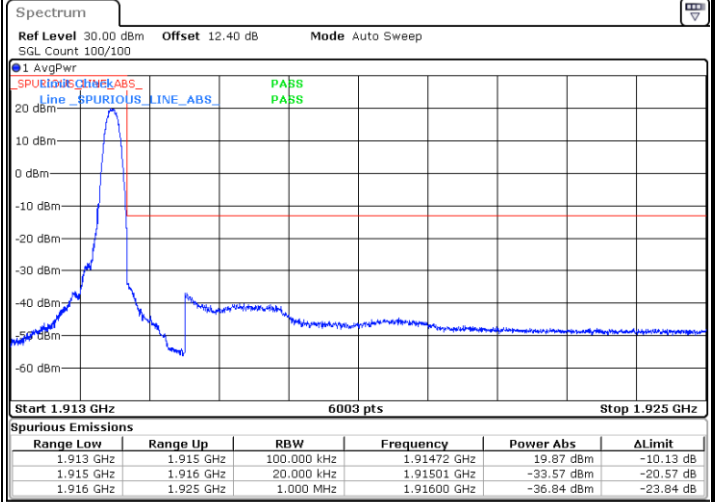


LTE Band 25 / 1.4MHz / 64QAM

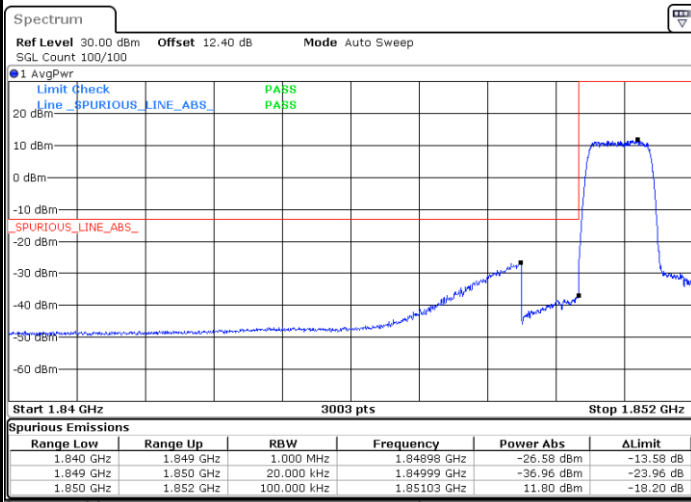
Lowest Band Edge / 1 RB



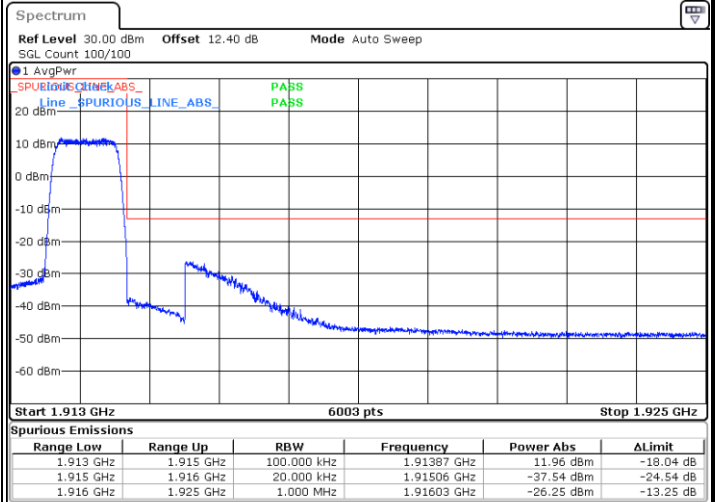
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



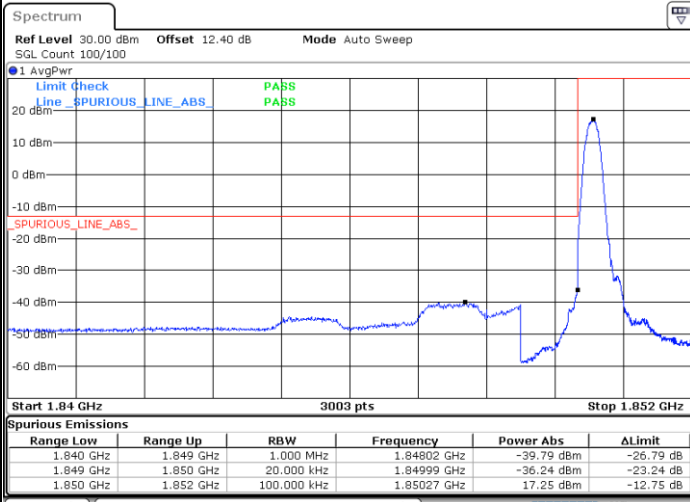
Highest Band Edge / Full RB





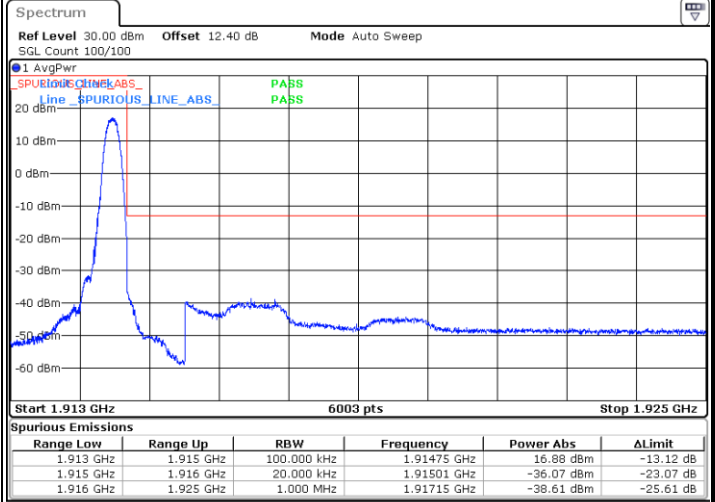
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



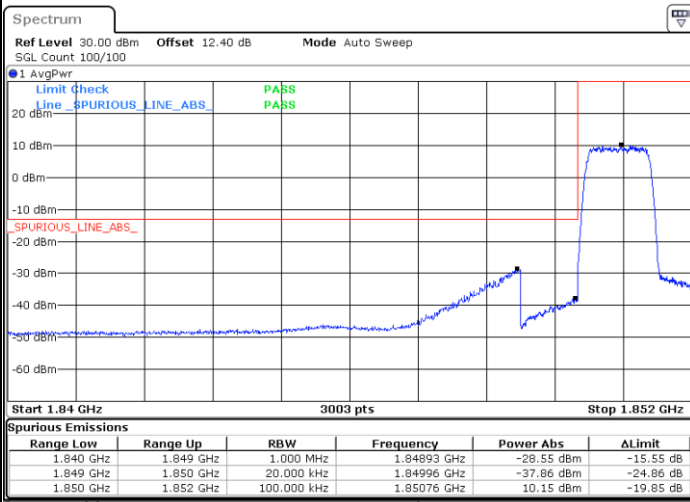
Date: 3.AUG.2023 10:01:29

Highest Band Edge / 1 RB



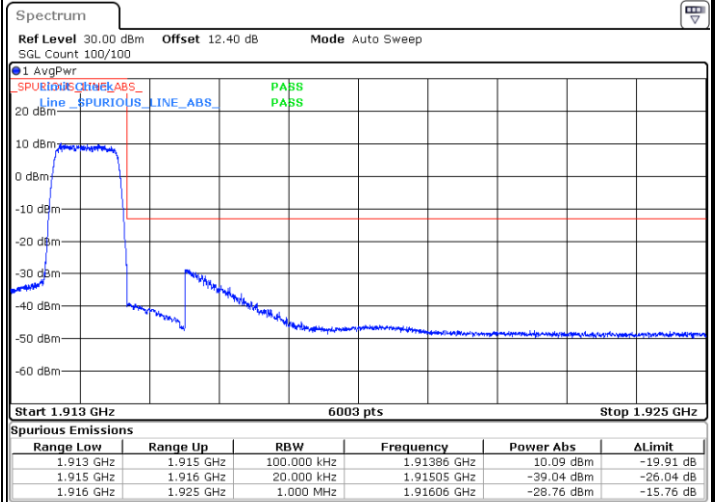
Date: 3.AUG.2023 10:06:54

Lowest Band Edge / Full RB



Date: 3.AUG.2023 10:03:02

Highest Band Edge / Full RB

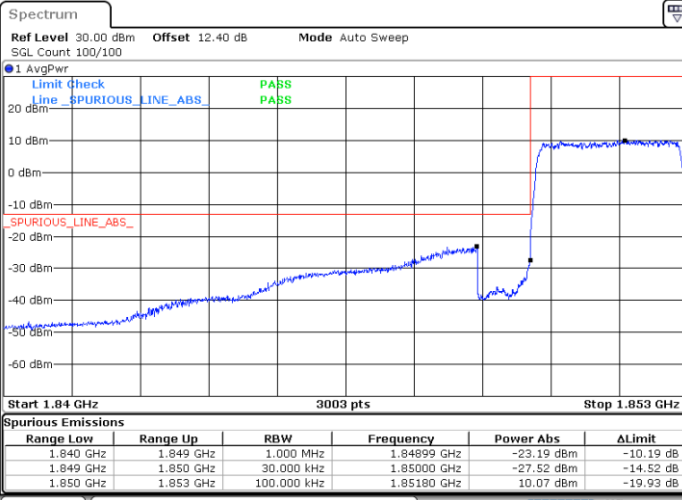


Date: 3.AUG.2023 10:05:21



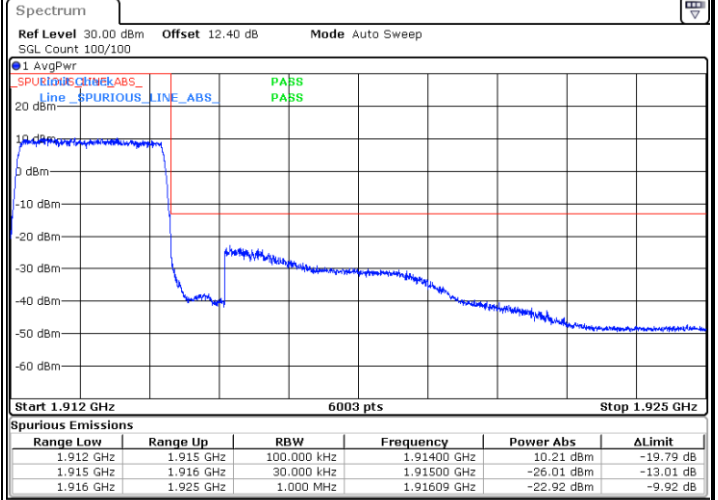
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / Full RB



Date: 3.AUG.2023 00:46:50

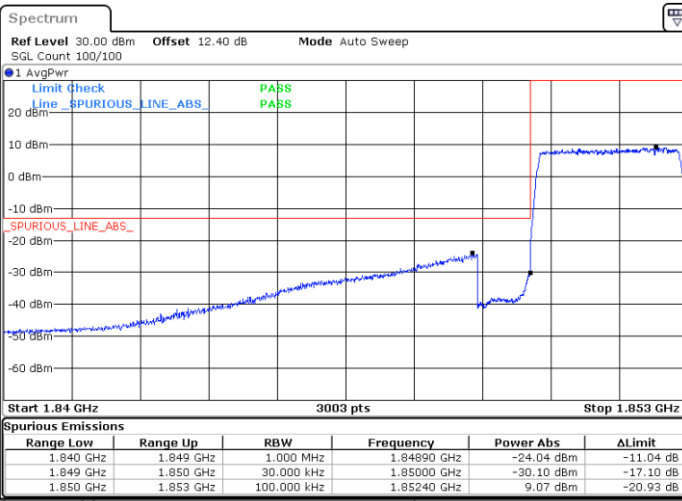
Highest Band Edge / Full RB



Date: 3.AUG.2023 00:51:47

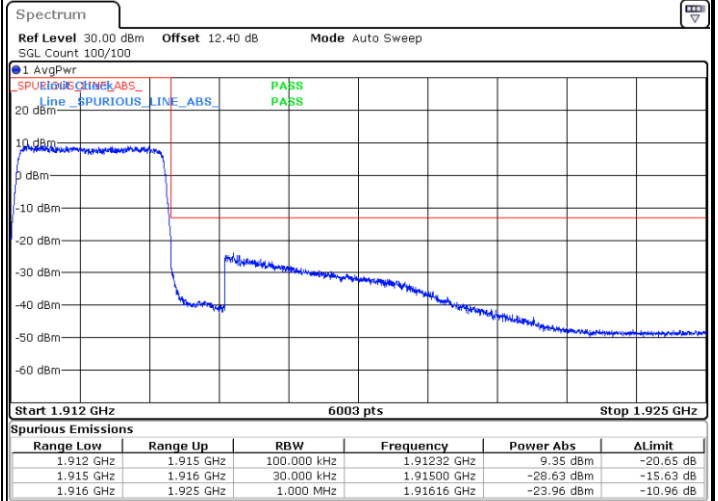
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Date: 3.AUG.2023 00:48:20

Highest Band Edge / Full RB

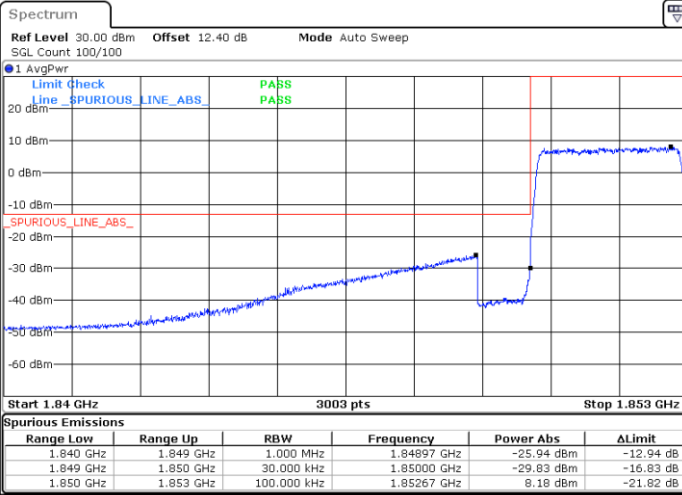


Date: 3.AUG.2023 00:53:17



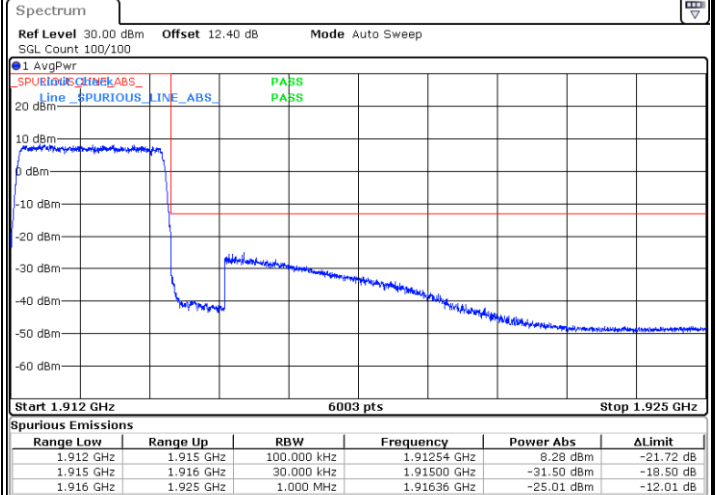
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / Full RB



Date: 3.AUG.2023 00:43:08

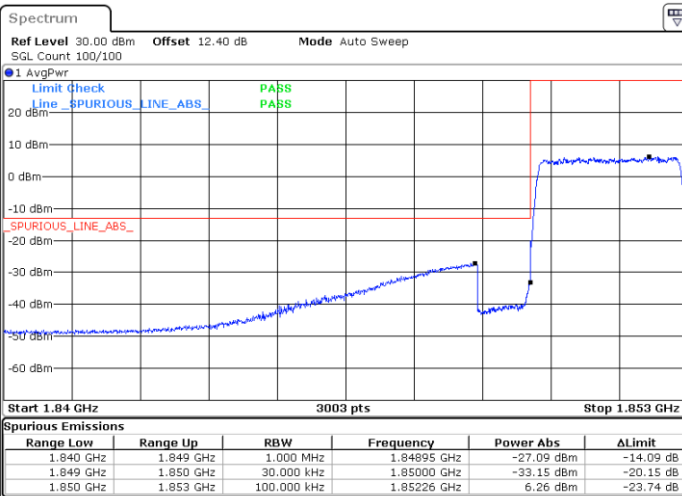
Highest Band Edge / Full RB



Date: 3.AUG.2023 00:45:21

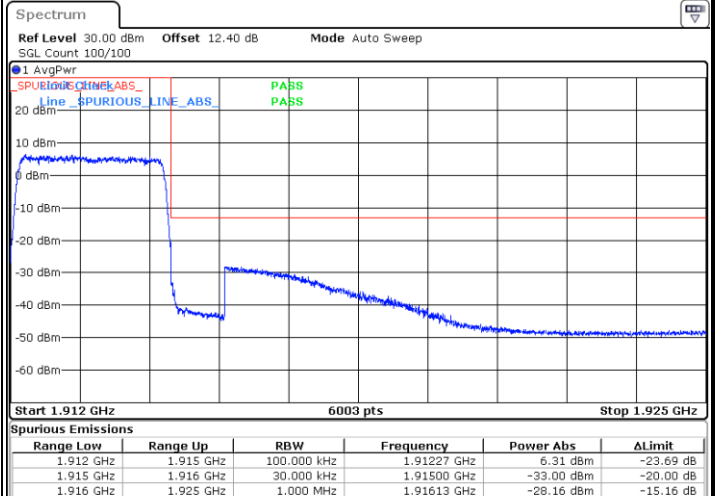
LTE Band 25 / 3MHz / 256QAM

Lowest Band Edge / Full RB



Date: 3.AUG.2023 10:08:29

Highest Band Edge / Full RB

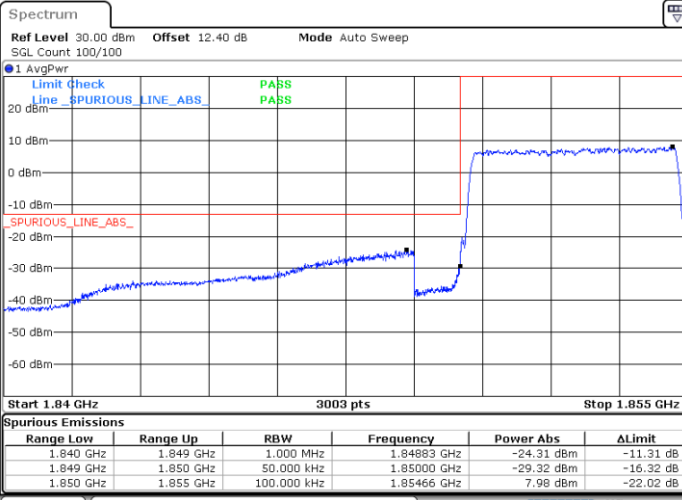


Date: 3.AUG.2023 10:10:48



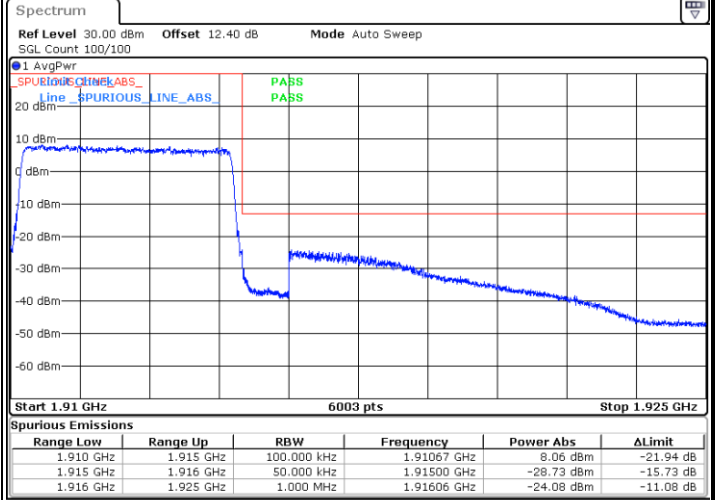
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 3.AUG.2023 01:48:06

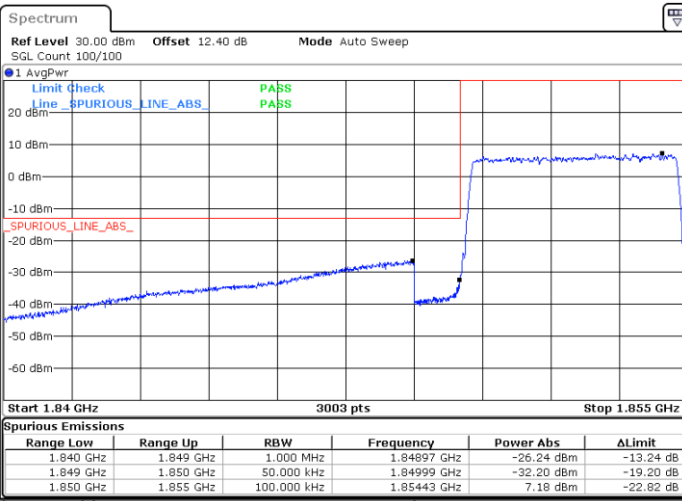
Highest Band Edge / Full RB



Date: 3.AUG.2023 01:53:04

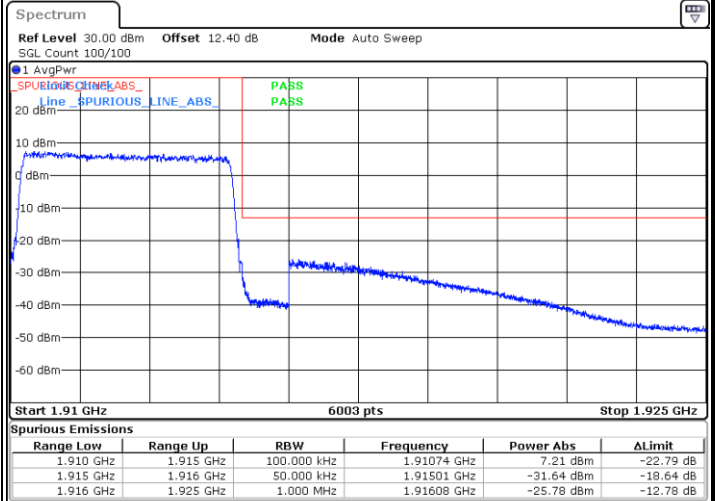
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 3.AUG.2023 01:49:35

Highest Band Edge / Full RB

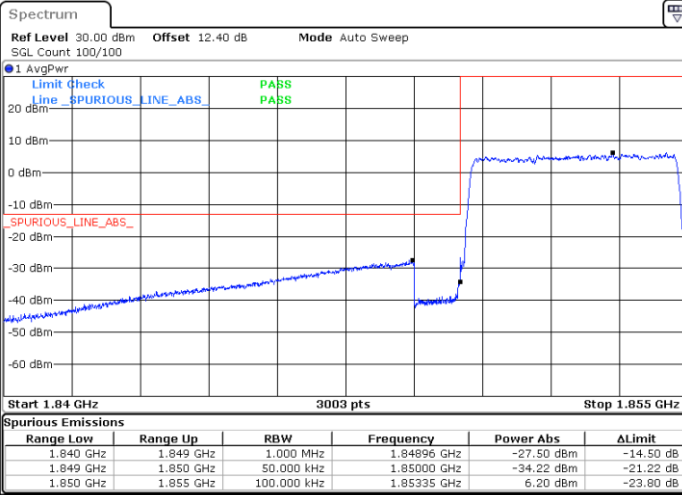


Date: 3.AUG.2023 01:54:33



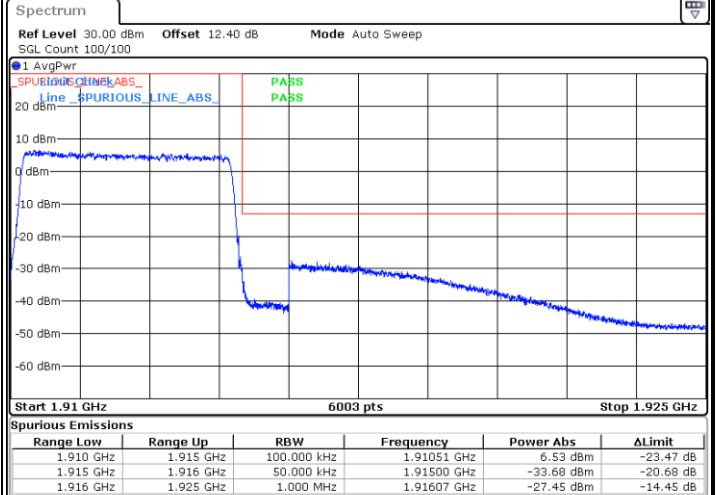
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / Full RB



Date: 3.AUG.2023 01:56:03

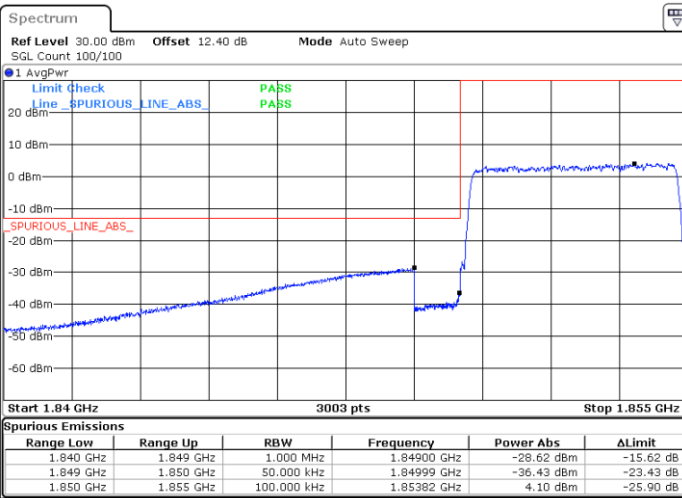
Highest Band Edge / Full RB



Date: 3.AUG.2023 01:58:17

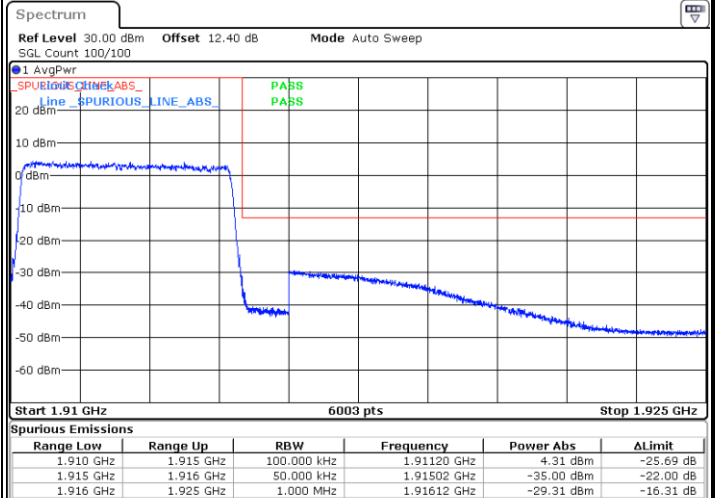
LTE Band 25 / 5MHz / 256QAM

Lowest Band Edge / Full RB



Date: 3.AUG.2023 10:12:23

Highest Band Edge / Full RB



Date: 3.AUG.2023 10:14:42