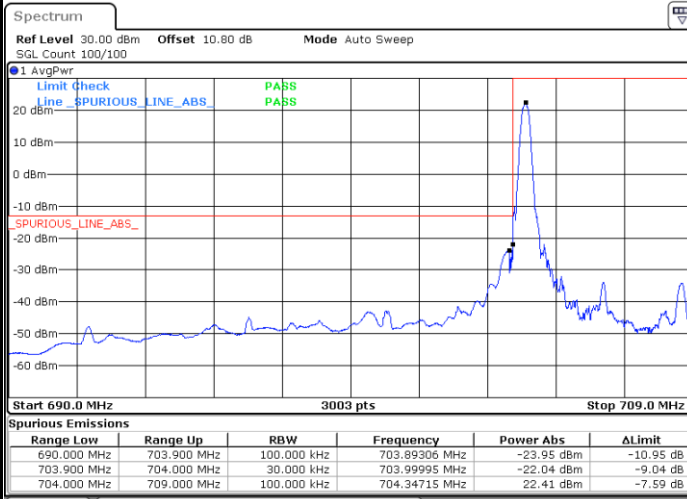




Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



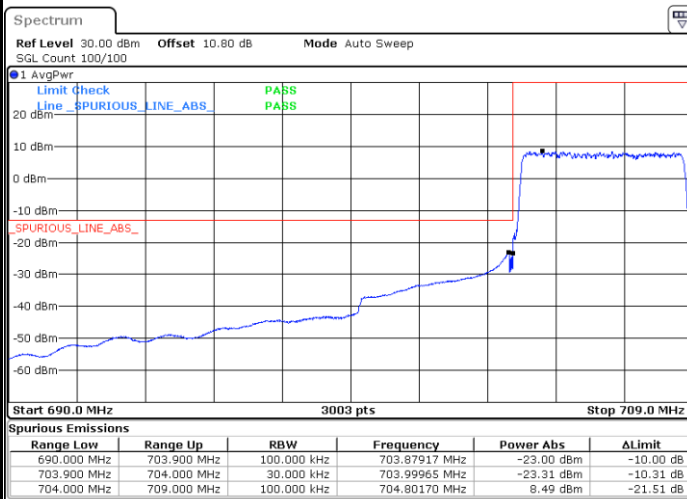
Date: 14.OCT.2022 04:39:26

Highest Band Edge / 1 RB



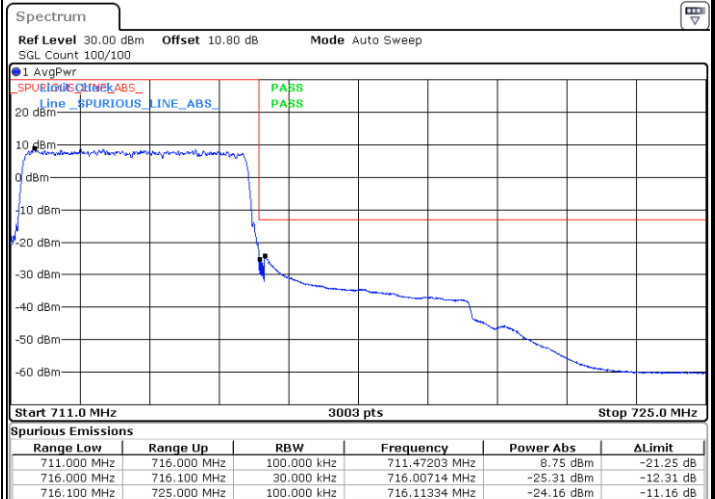
Date: 14.OCT.2022 04:47:29

Lowest Band Edge / Full RB



Date: 14.OCT.2022 04:41:21

Highest Band Edge / Full RB

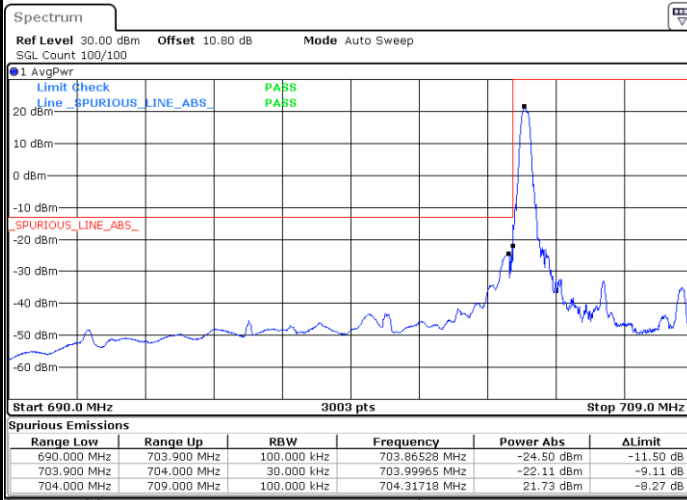


Date: 14.OCT.2022 04:49:21



LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



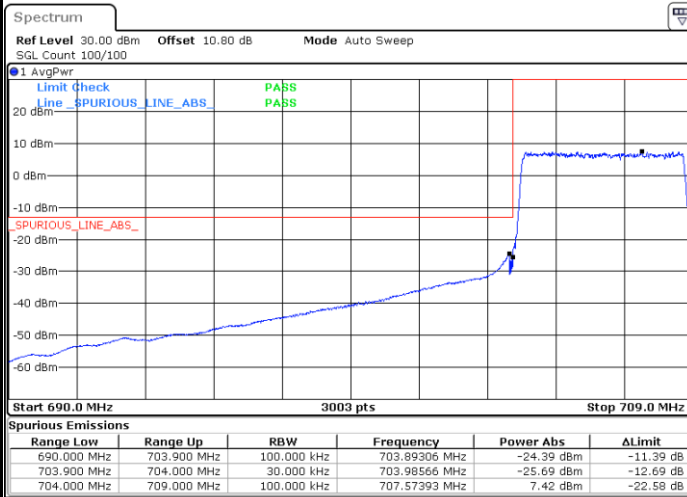
Date: 14.OCT.2022 04:40:23

Highest Band Edge / 1 RB



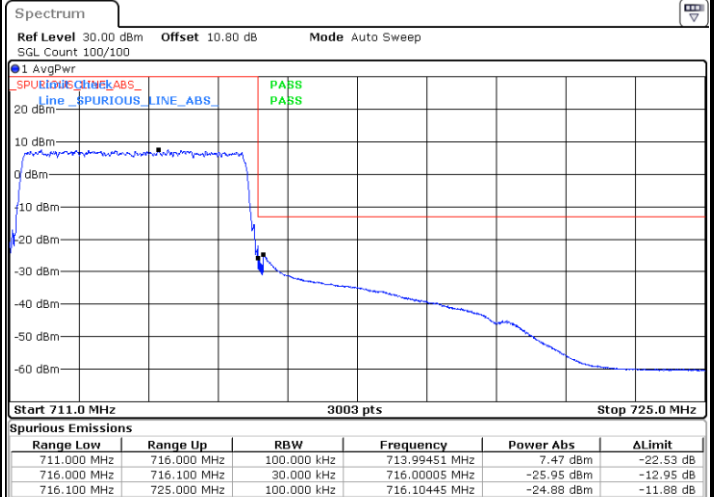
Date: 14.OCT.2022 04:48:25

Lowest Band Edge / Full RB



Date: 14.OCT.2022 04:42:19

Highest Band Edge / Full RB

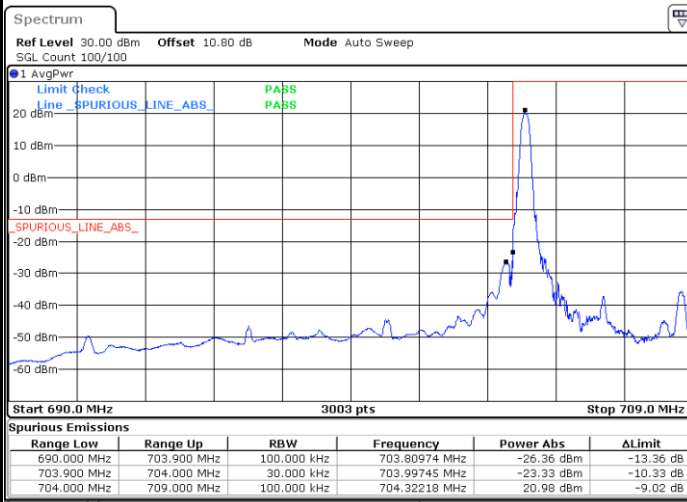


Date: 14.OCT.2022 04:50:17



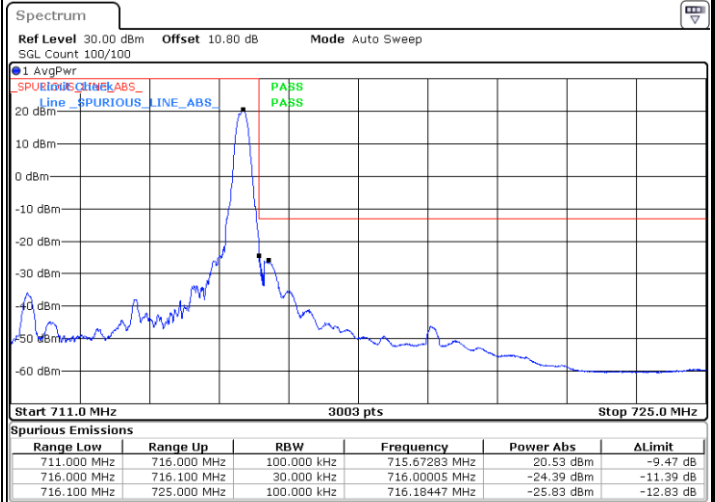
LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



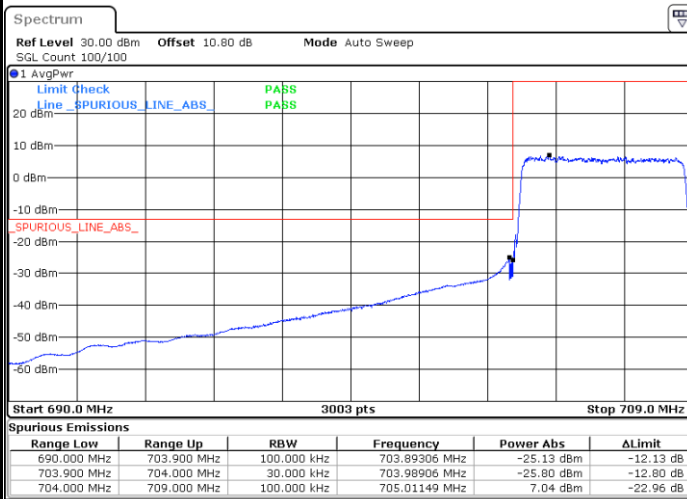
Date: 14.OCT.2022 05:06:21

Highest Band Edge / 1 RB



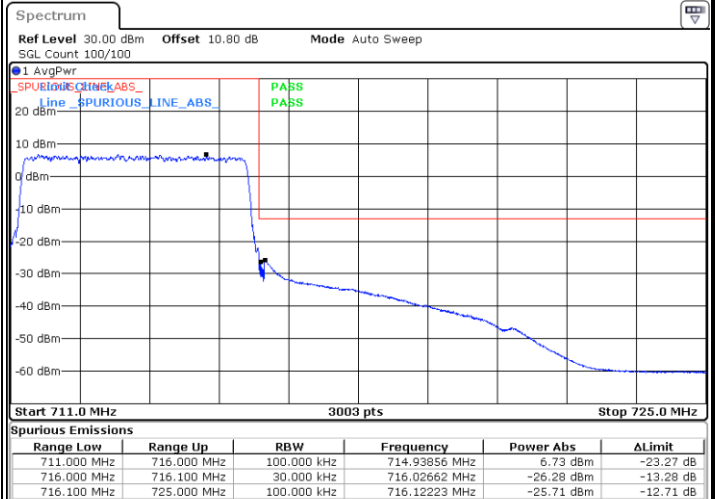
Date: 14.OCT.2022 05:08:55

Lowest Band Edge / Full RB



Date: 14.OCT.2022 05:07:19

Highest Band Edge / Full RB

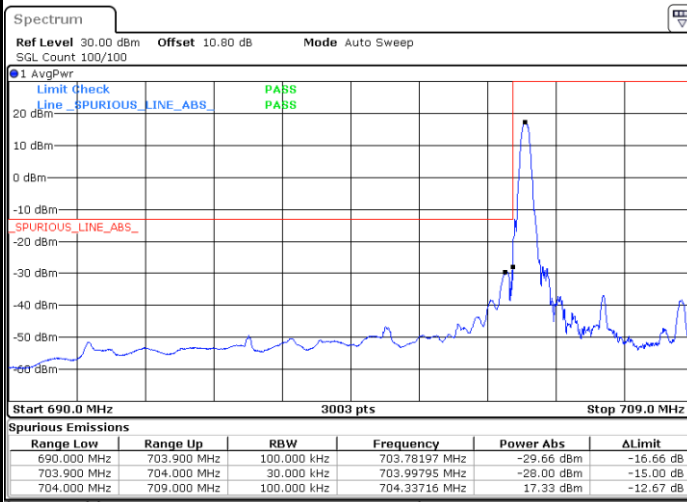


Date: 14.OCT.2022 05:09:51



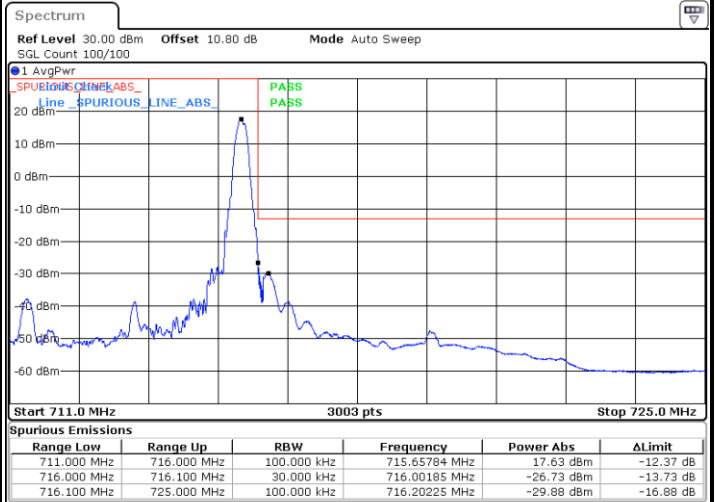
LTE Band 17 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



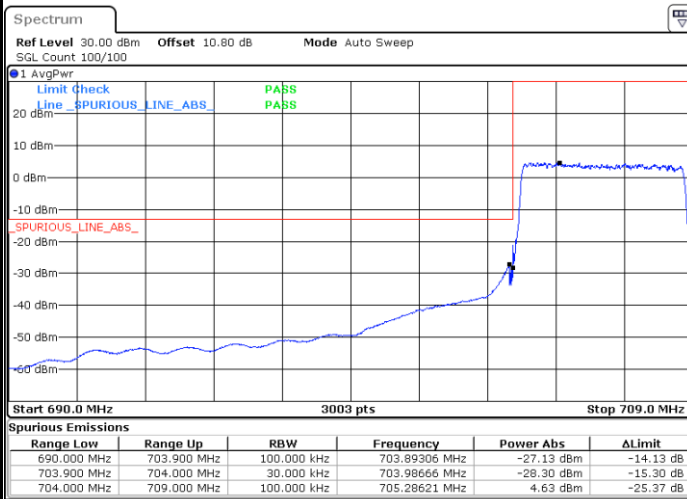
Date: 14.OCT.2022 05:16:42

Highest Band Edge / 1 RB



Date: 14.OCT.2022 05:19:15

Lowest Band Edge / Full RB



Date: 14.OCT.2022 05:17:39

Highest Band Edge / Full RB



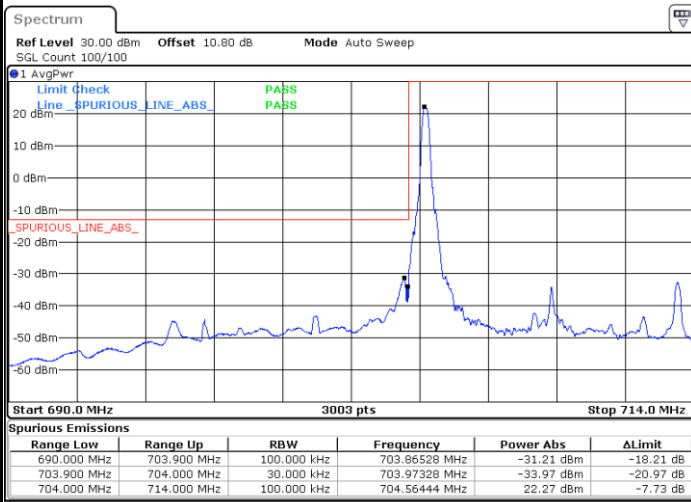
Date: 14.OCT.2022 05:20:11



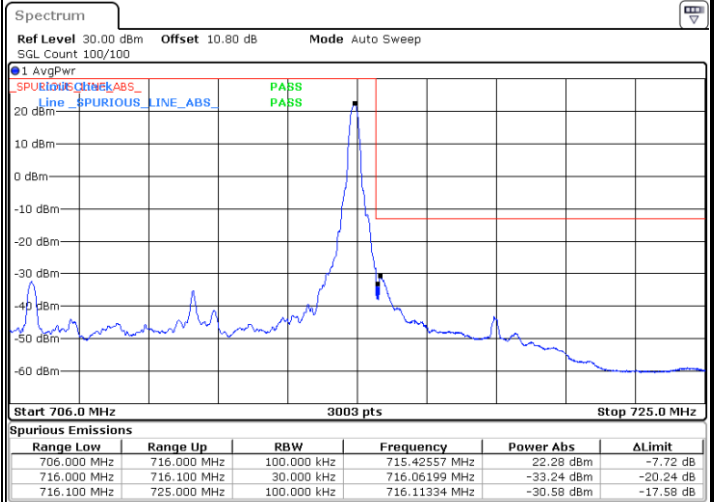
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



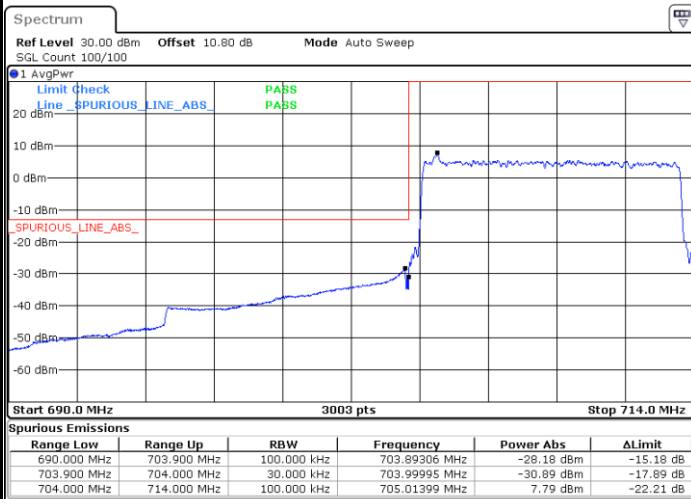
Date: 14.OCT.2022 04:53:15



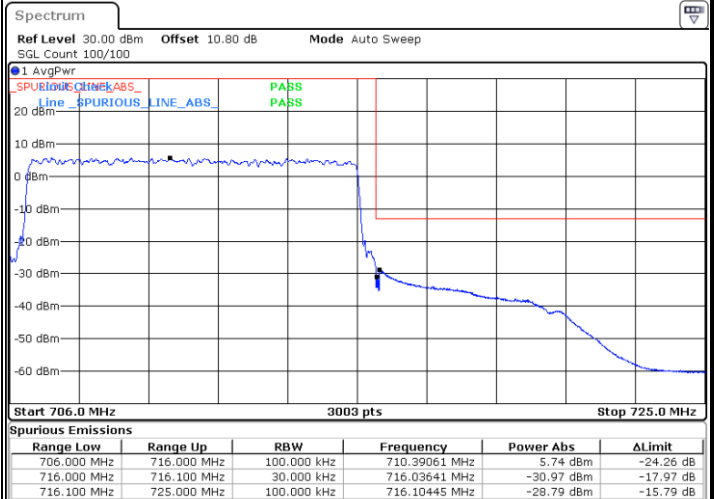
Date: 14.OCT.2022 05:01:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14.OCT.2022 04:55:10

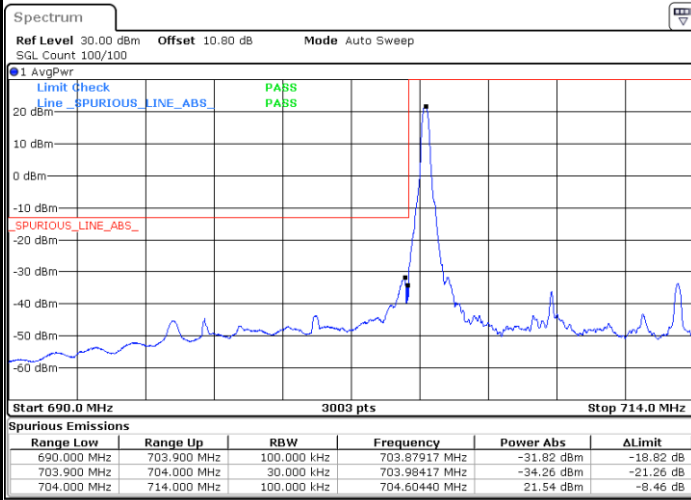


Date: 14.OCT.2022 05:03:10



LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



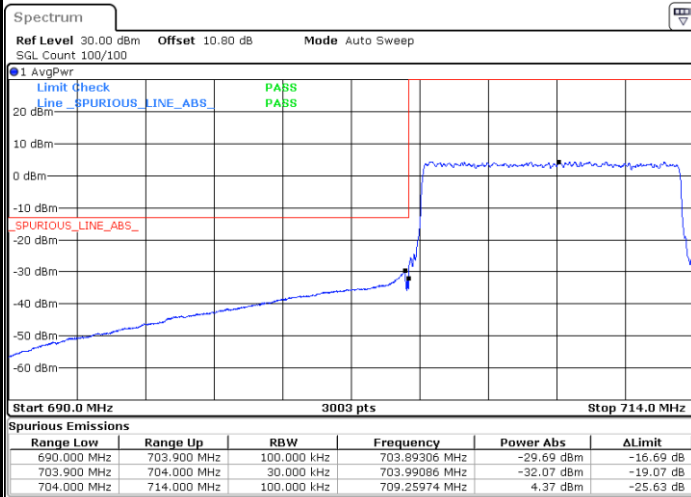
Date: 14.OCT.2022 04:54:12

Highest Band Edge / 1 RB



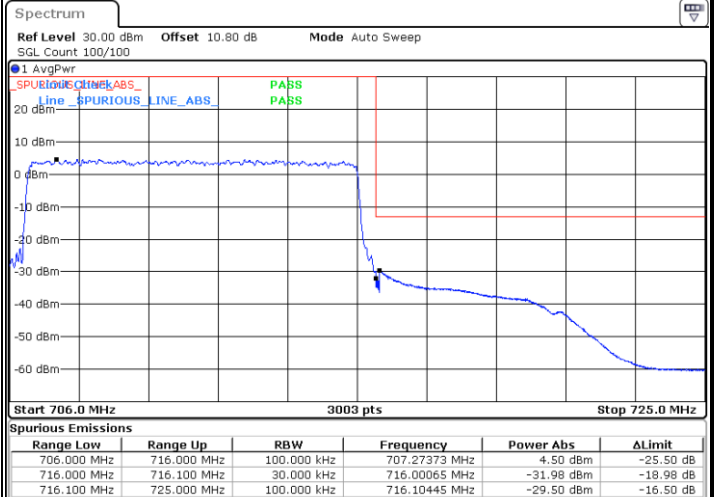
Date: 14.OCT.2022 05:02:14

Lowest Band Edge / Full RB



Date: 14.OCT.2022 04:56:08

Highest Band Edge / Full RB

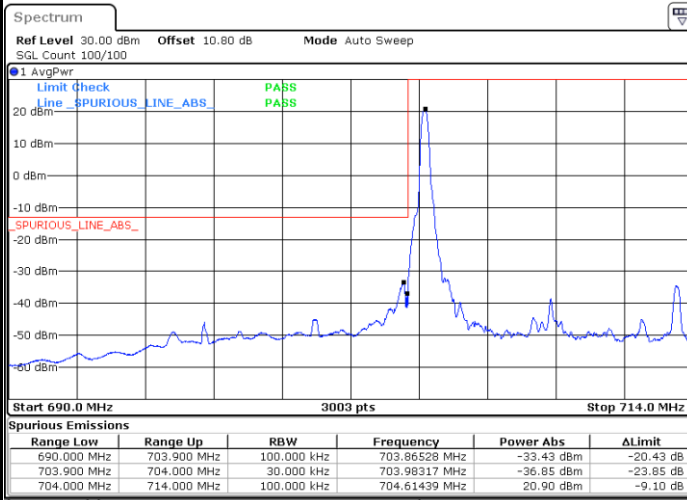


Date: 14.OCT.2022 05:04:06



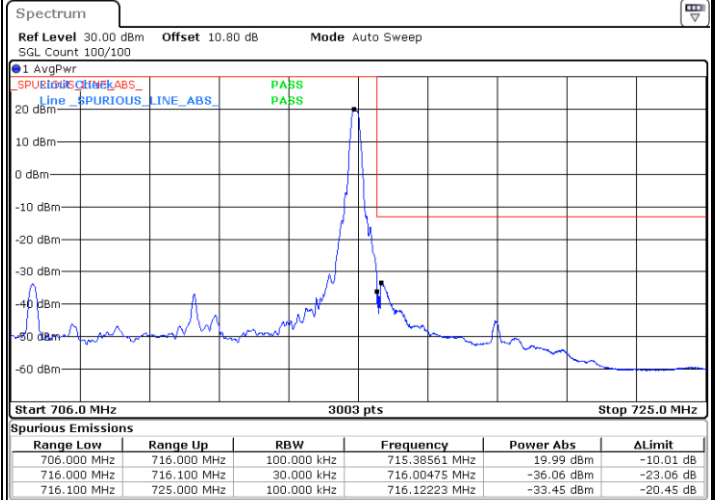
LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



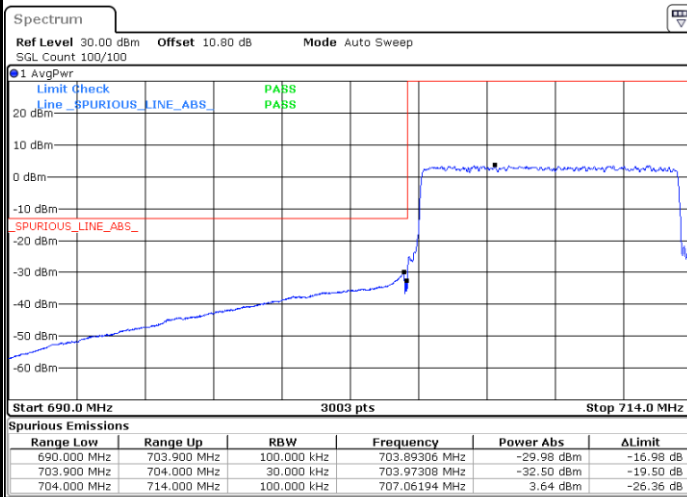
Date: 14.OCT.2022 05:10:51

Highest Band Edge / 1 RB



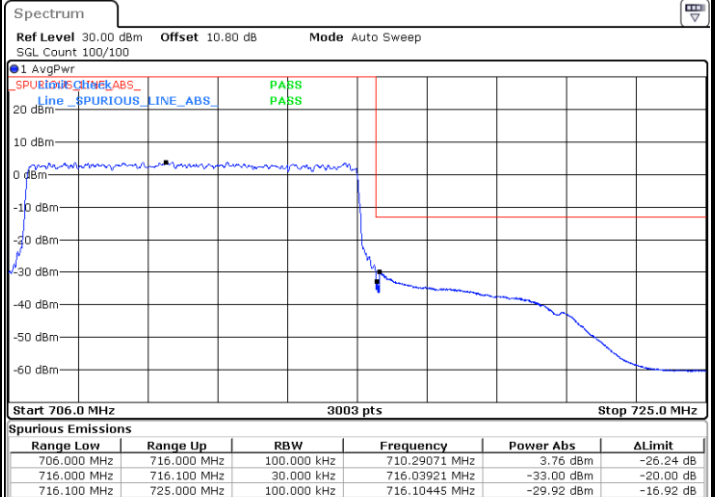
Date: 14.OCT.2022 05:13:24

Lowest Band Edge / Full RB



Date: 14.OCT.2022 05:11:48

Highest Band Edge / Full RB

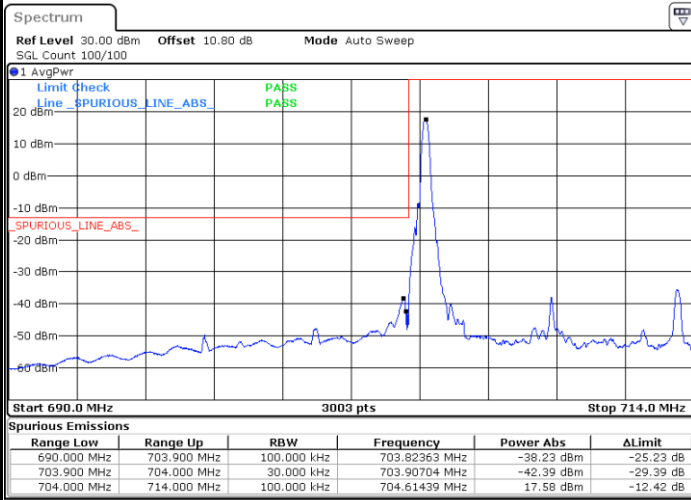


Date: 14.OCT.2022 05:14:20



LTE Band 17 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



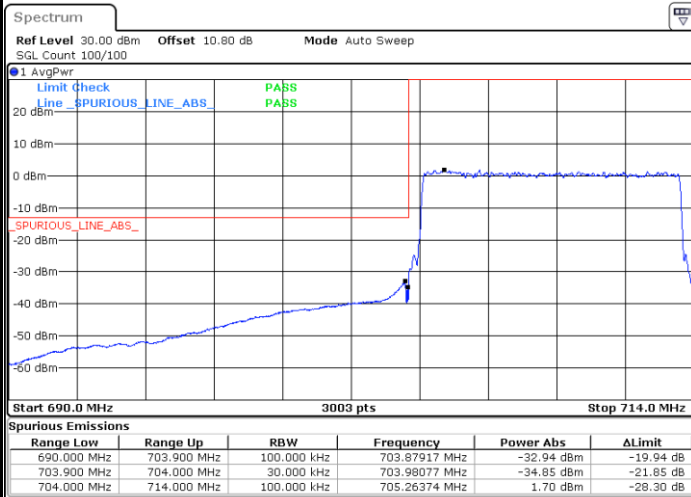
Date: 14.OCT.2022 05:21:11

Highest Band Edge / 1 RB



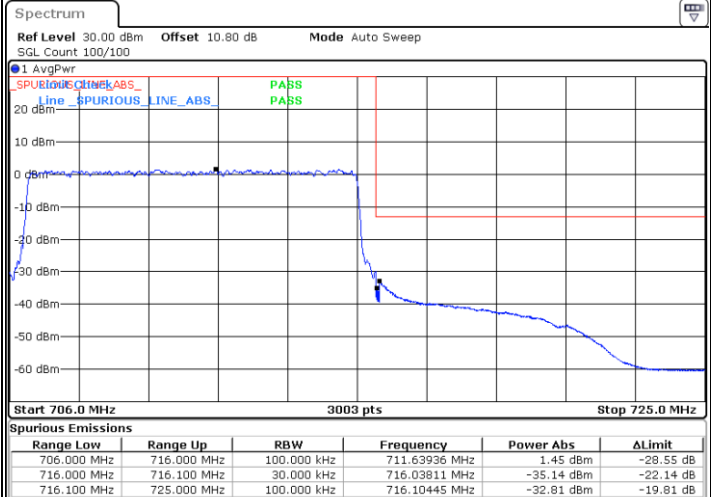
Date: 14.OCT.2022 05:23:44

Lowest Band Edge / Full RB



Date: 14.OCT.2022 05:22:08

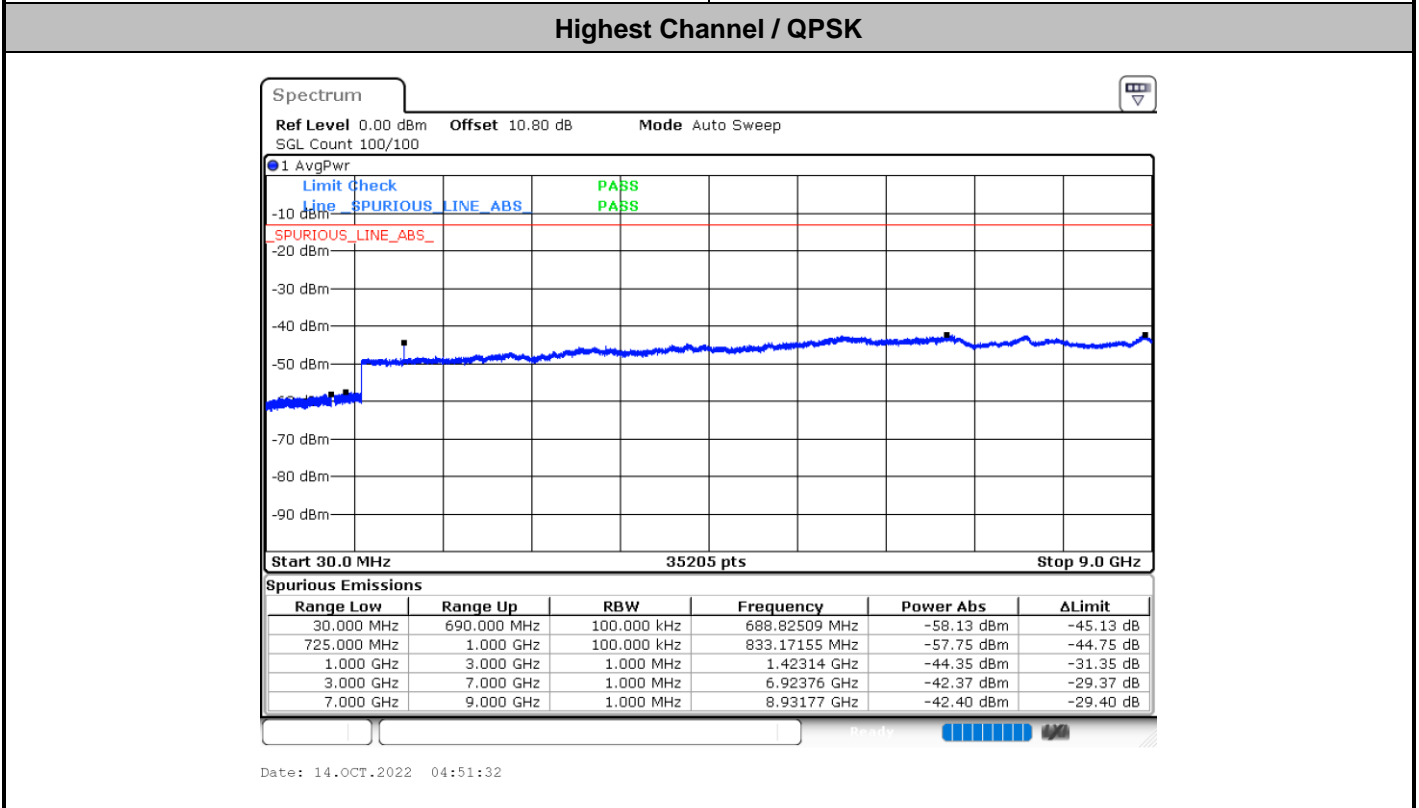
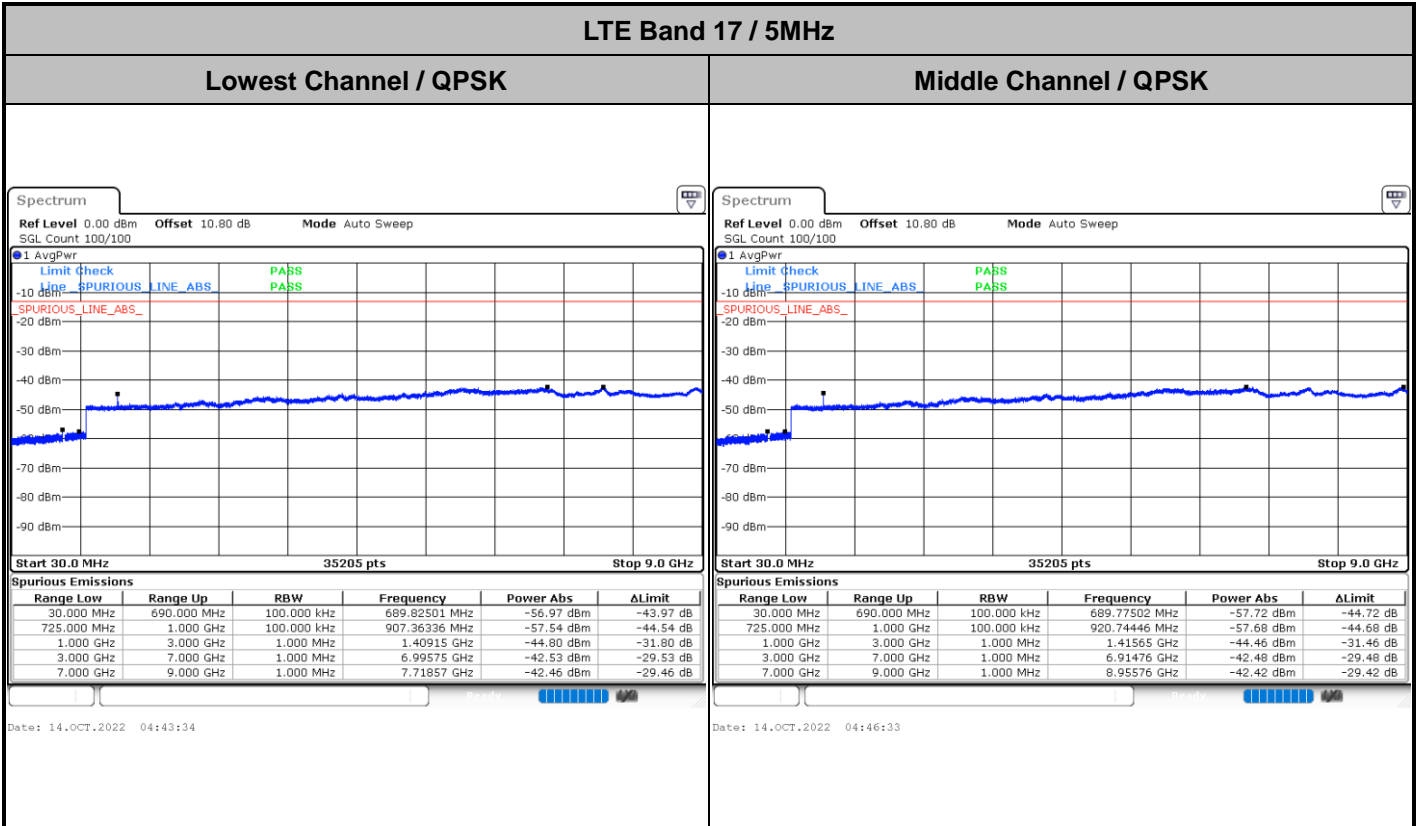
Highest Band Edge / Full RB



Date: 14.OCT.2022 05:24:40



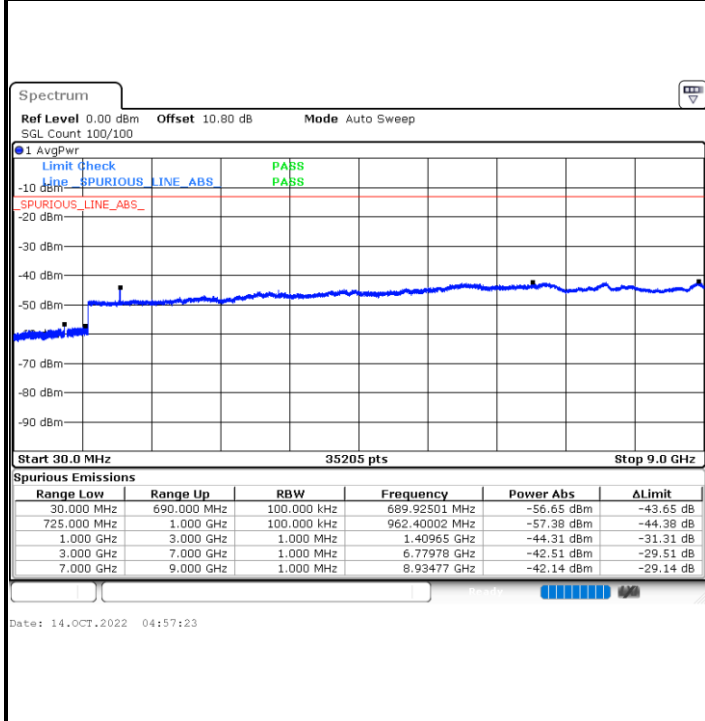
Conducted Spurious Emission



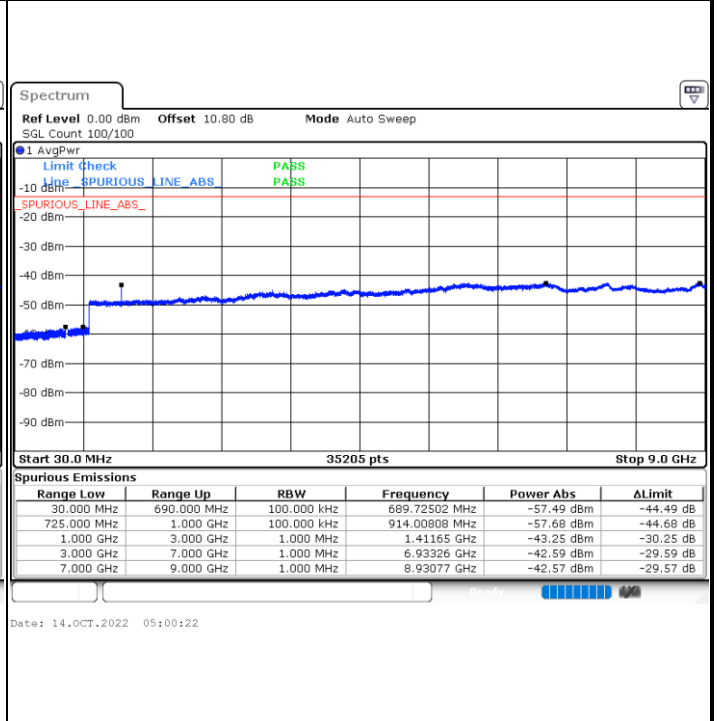


LTE Band 17 / 10MHz

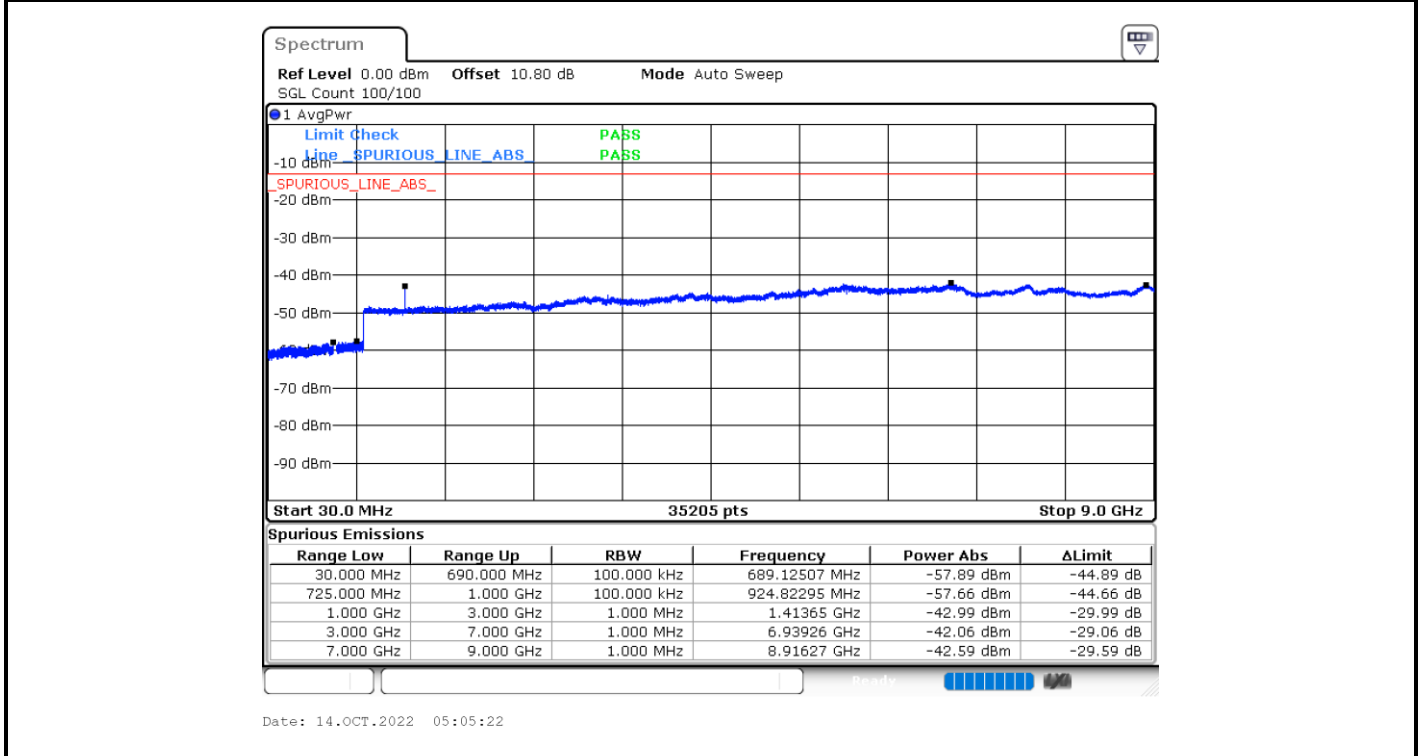
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0039	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0213	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0055	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0117	
20	Maximum Voltage	0.0100	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

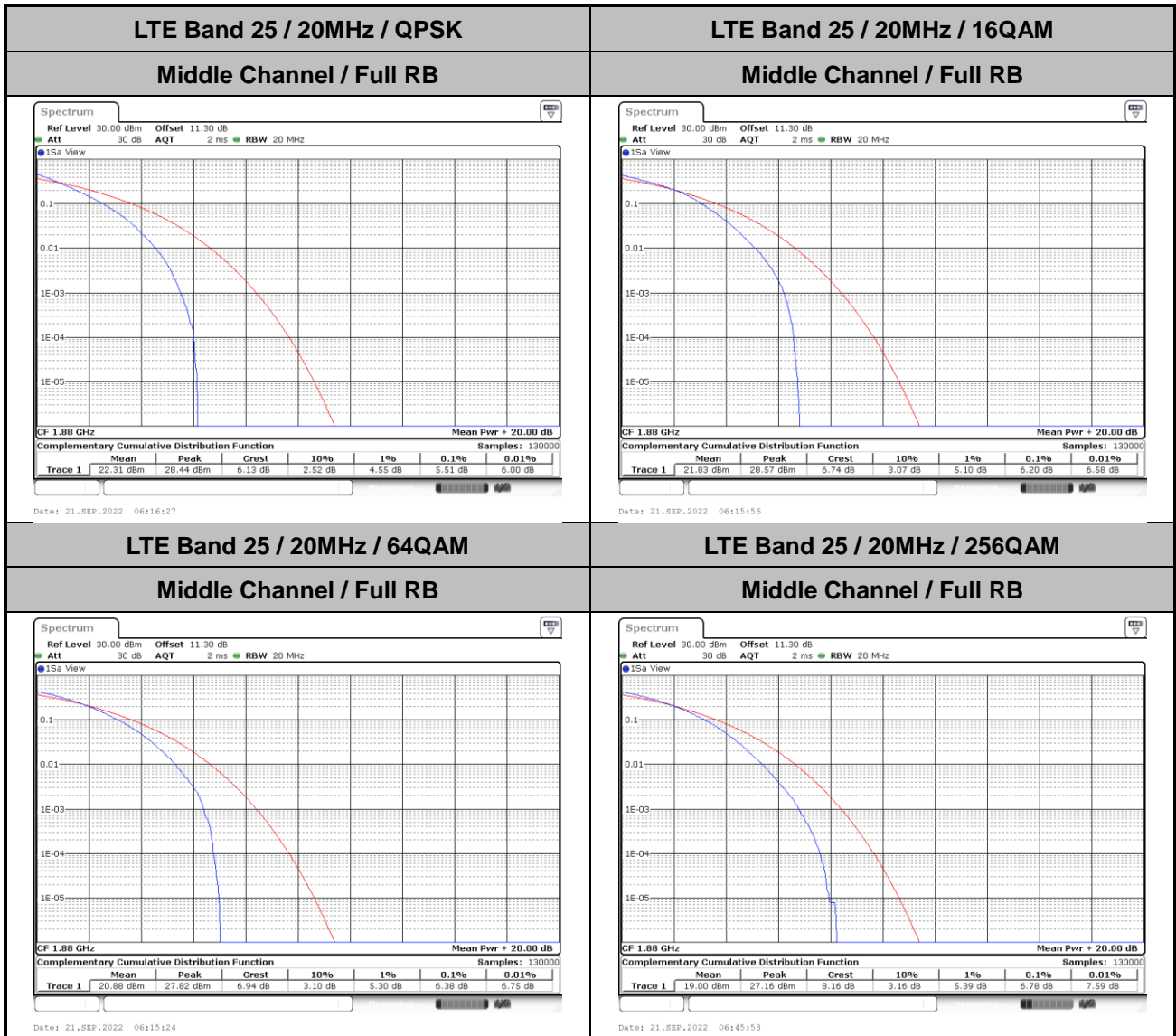
1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.60 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	5.51	6.20	6.38	6.78	PASS





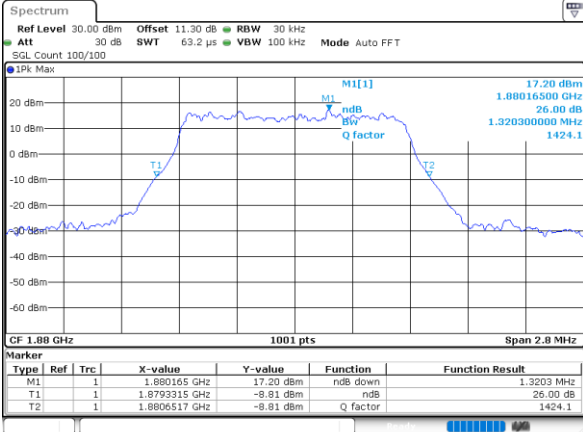
26dB Bandwidth

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	1.32	1.32	3.12	3.20	5.21	5.11	10.11	9.99	15.32	14.60	18.86	18.86
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	1.26	3.07	3.06	5.29	5.15	10.25	9.97	14.51	14.99	19.62	19.22



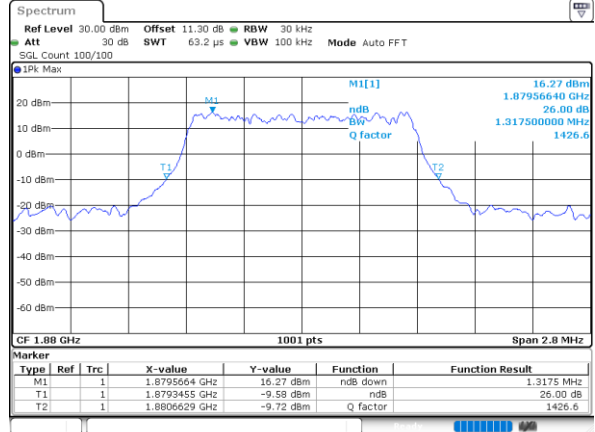
LTE Band 25

Middle Channel / 1.4MHz / QPSK



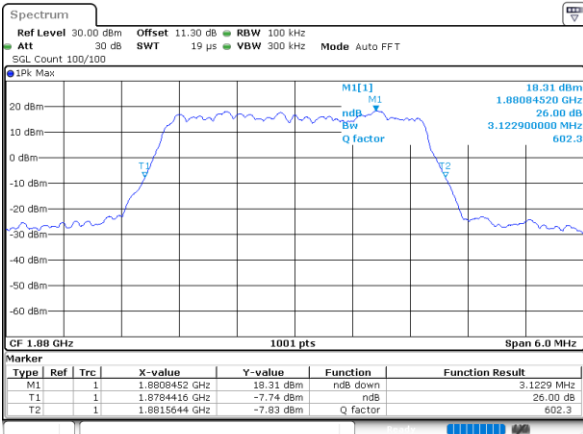
Date: 21_SEP.2022 04:27:14

Middle Channel / 1.4MHz / 16QAM



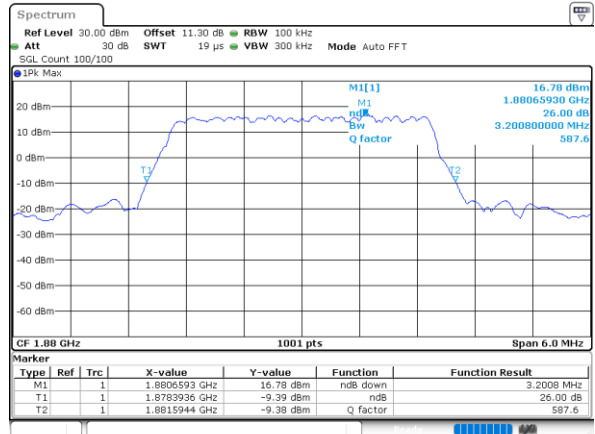
Date: 21_SEP.2022 04:28:04

Middle Channel / 3MHz / QPSK



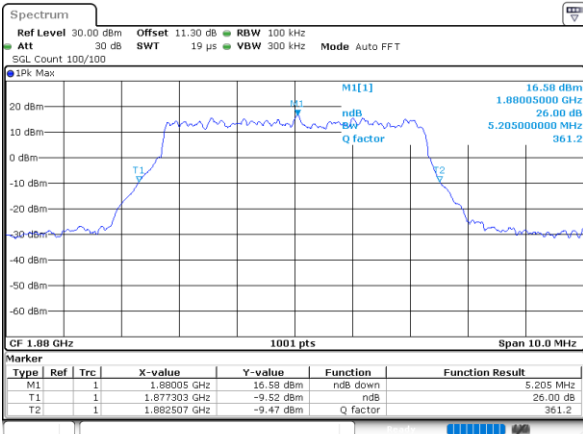
Date: 21_SEP.2022 04:51:16

Middle Channel / 3MHz / 16QAM



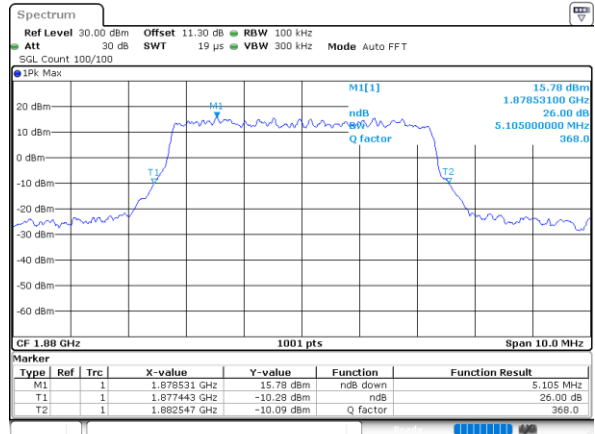
Date: 21_SEP.2022 04:51:46

Middle Channel / 5MHz / QPSK



Date: 21_SEP.2022 05:05:39

Middle Channel / 5MHz / 16QAM

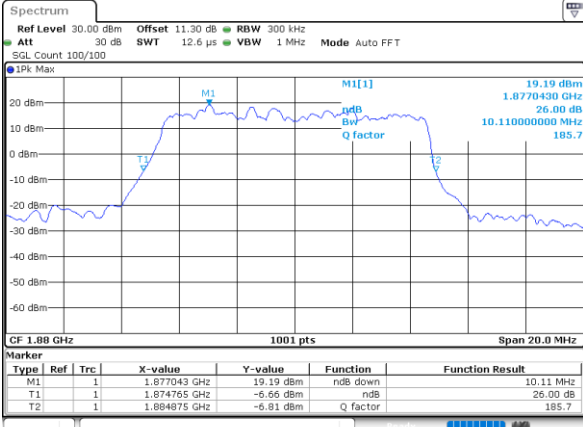


Date: 21_SEP.2022 05:06:08



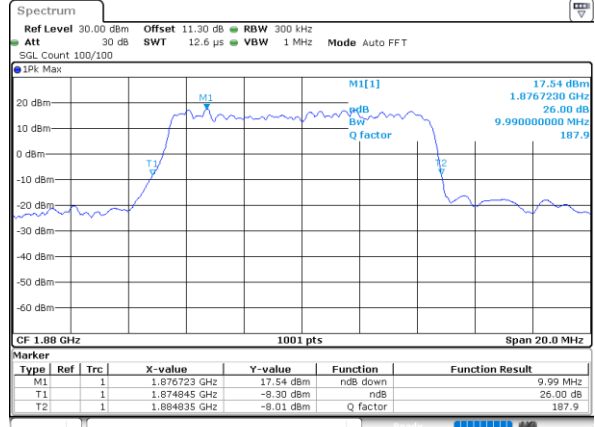
LTE Band 25

Middle Channel / 10MHz / QPSK



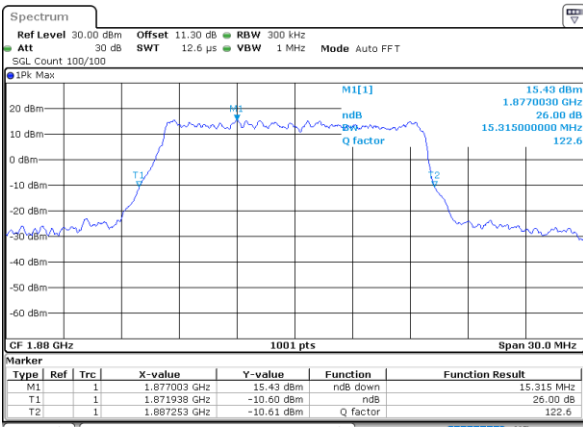
Date: 21_SEP.2022 05:24:41

Middle Channel / 10MHz / 16QAM



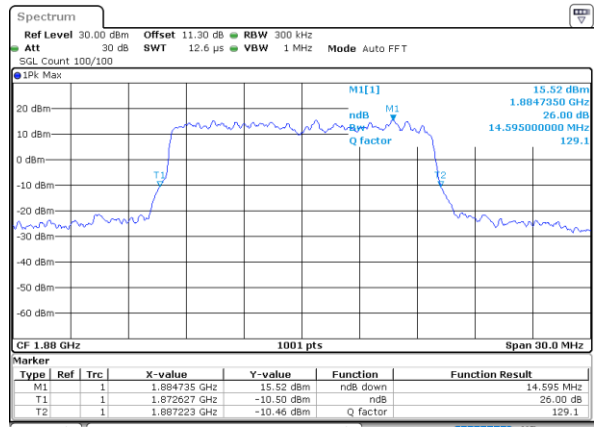
Date: 21_SEP.2022 05:25:11

Middle Channel / 15MHz / QPSK



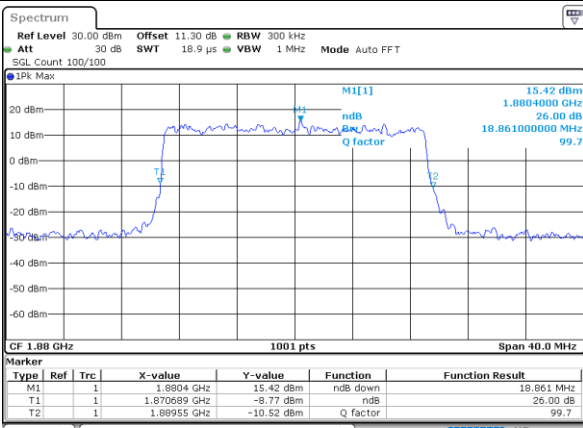
Date: 21_SEP.2022 05:48:24

Middle Channel / 15MHz / 16QAM



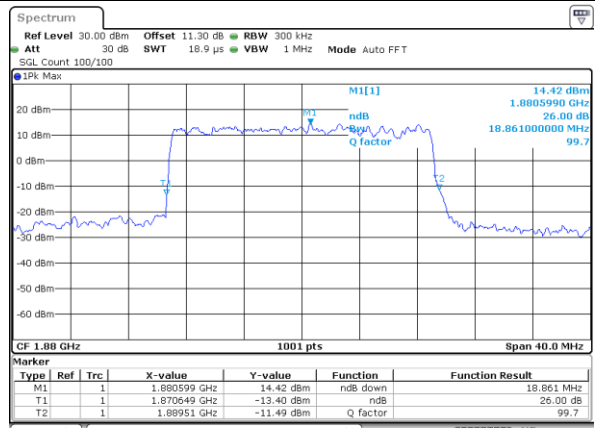
Date: 21_SEP.2022 05:48:54

Middle Channel / 20MHz / QPSK



Date: 21_SEP.2022 06:02:48

Middle Channel / 20MHz / 16QAM

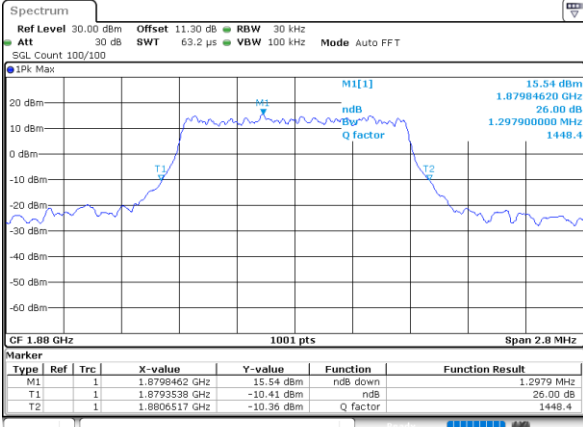


Date: 21_SEP.2022 06:03:17



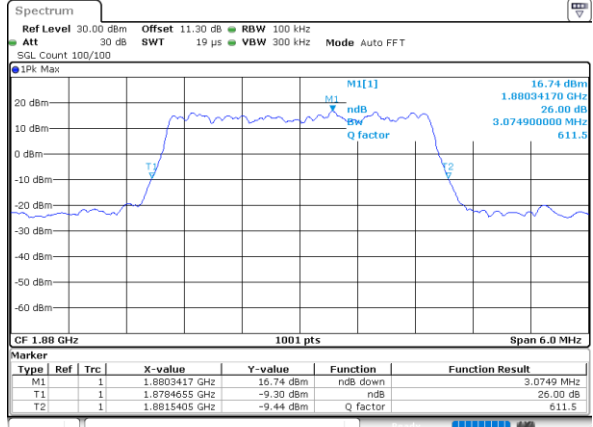
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



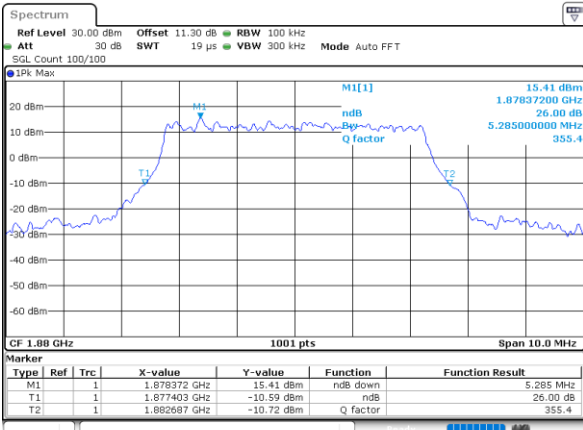
Date: 21.SEP.2022 04:37:40

Middle Channel / 3MHz / 64QAM



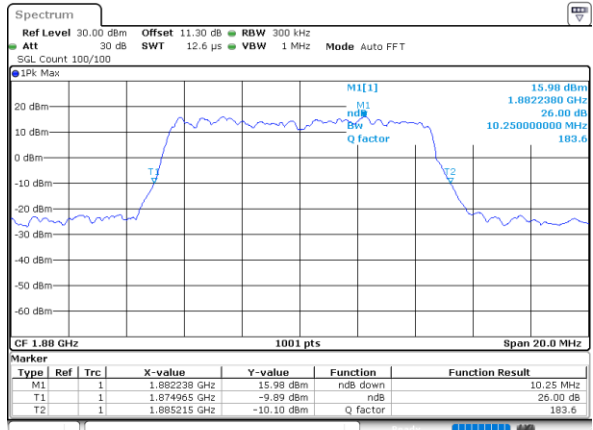
Date: 21.SEP.2022 04:42:25

Middle Channel / 5MHz / 64QAM



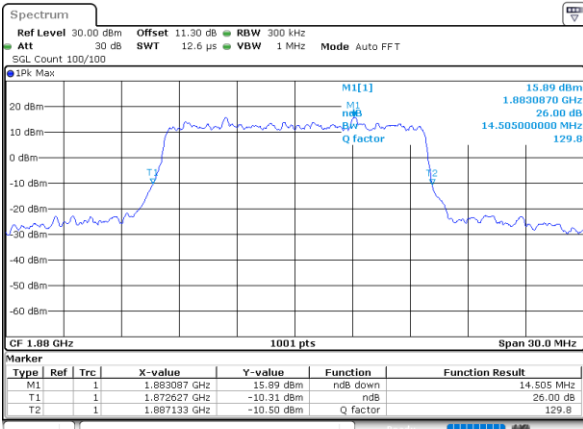
Date: 21.SEP.2022 05:15:44

Middle Channel / 10MHz / 64QAM



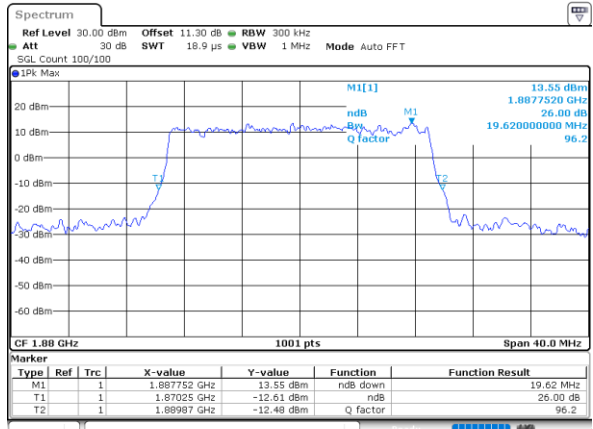
Date: 21.SEP.2022 05:14:47

Middle Channel / 15MHz / 64QAM



Date: 21.SEP.2022 05:39:32

Middle Channel / 20MHz / 64QAM

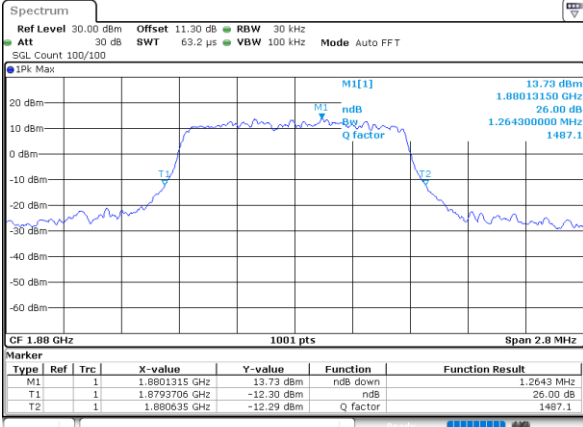


Date: 21.SEP.2022 06:12:55



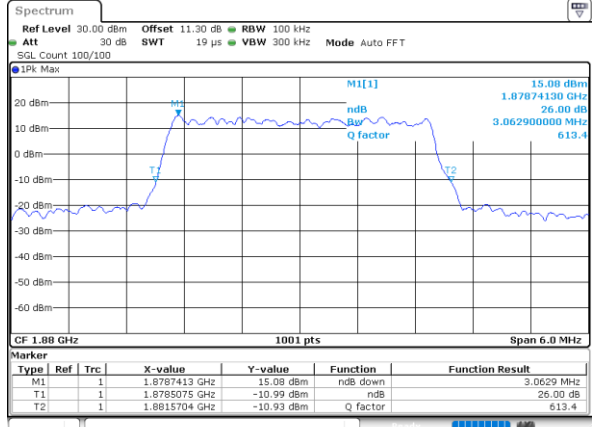
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



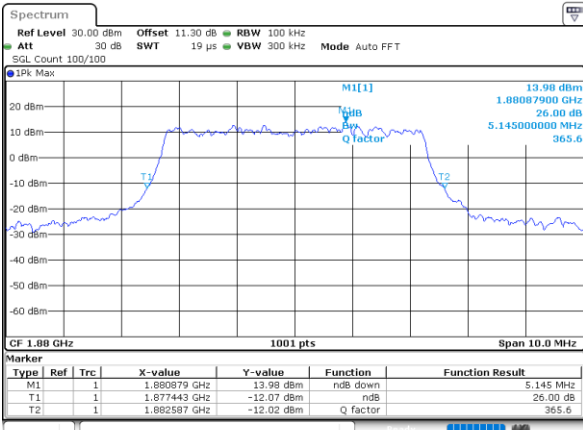
Date: 21_SEP.2022 06:19:16

Middle Channel / 3MHz / 256QAM



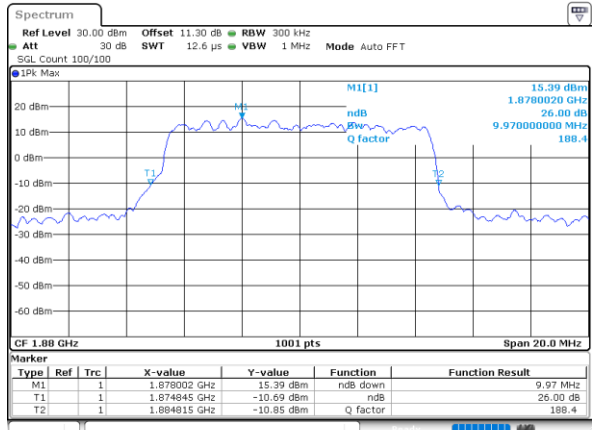
Date: 21_SEP.2022 06:24:07

Middle Channel / 5MHz / 256QAM



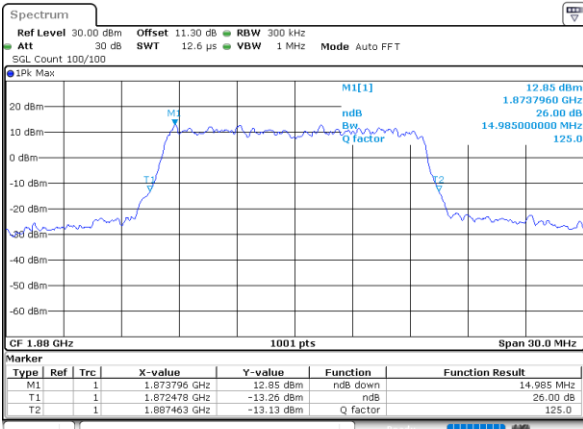
Date: 21_SEP.2022 06:28:58

Middle Channel / 10MHz / 256QAM



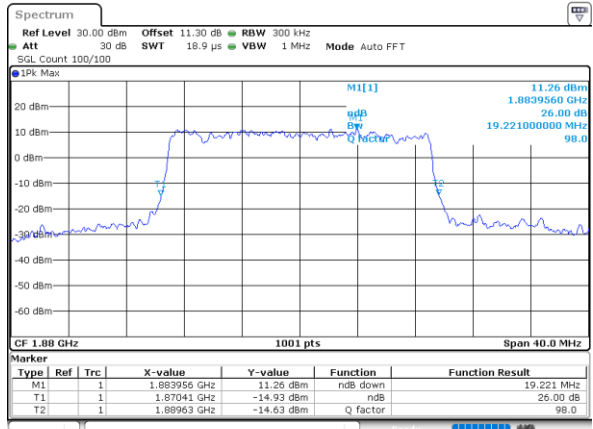
Date: 21_SEP.2022 06:33:48

Middle Channel / 15MHz / 256QAM



Date: 21_SEP.2022 06:38:38

Middle Channel / 20MHz / 256QAM



Date: 21_SEP.2022 06:43:28



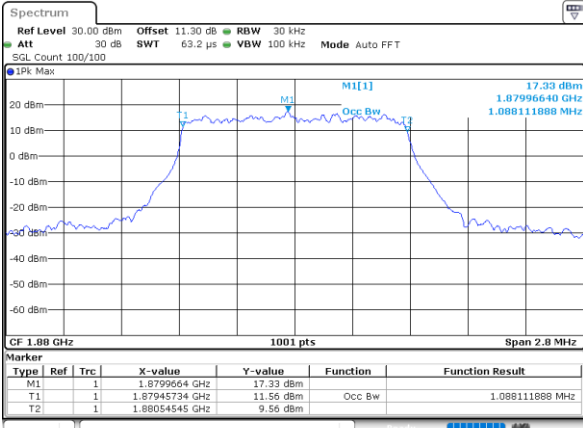
Occupied Bandwidth

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	1.10	2.72	2.73	4.55	4.52	9.05	9.05	13.46	13.43	17.86	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	1.10	2.72	2.72	4.55	4.49	9.07	9.05	13.43	13.43	17.86	17.94

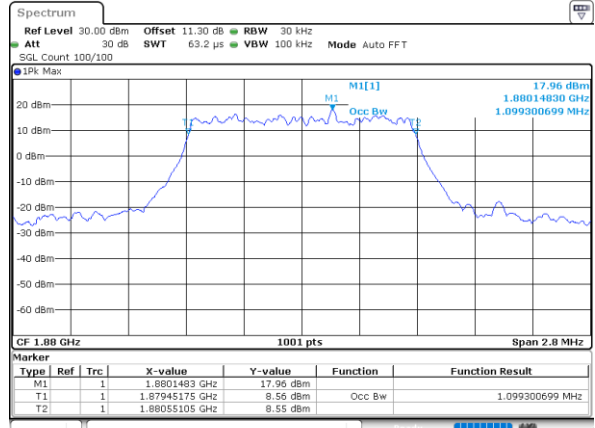


LTE Band 25

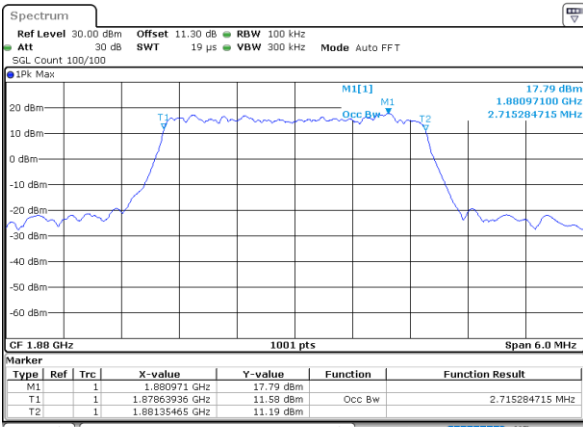
Middle Channel / 1.4MHz / QPSK



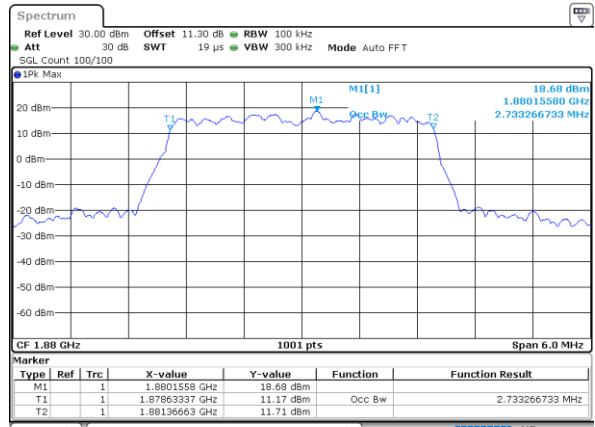
Middle Channel / 1.4MHz / 16QAM



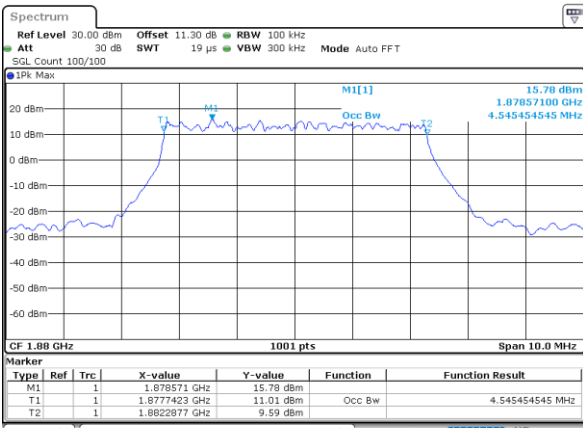
Middle Channel / 3MHz / QPSK



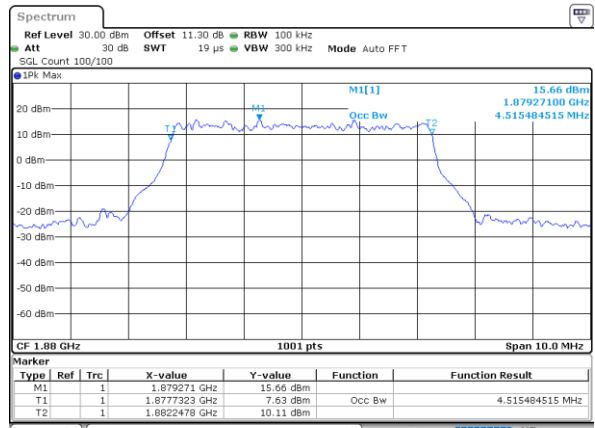
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



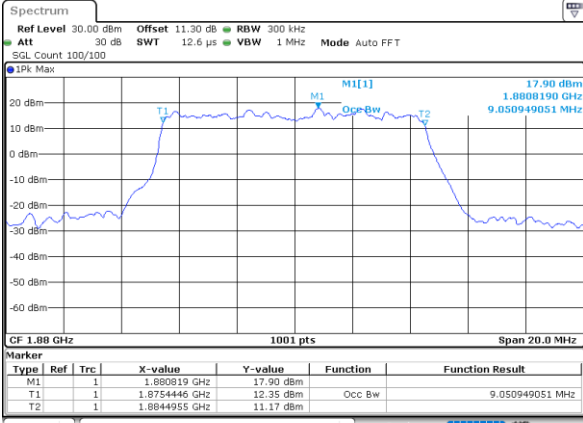
Middle Channel / 5MHz / 16QAM





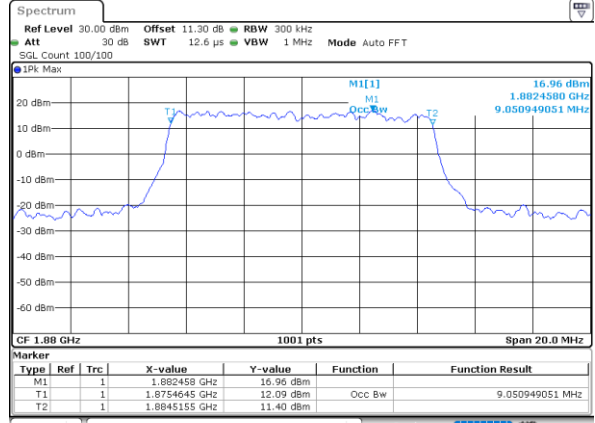
LTE Band 25

Middle Channel / 10MHz / QPSK



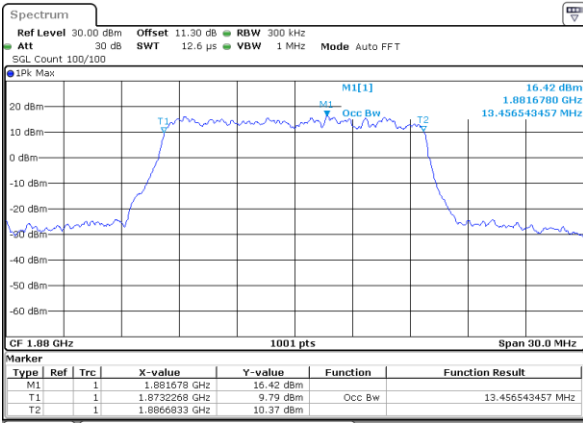
Date: 21.SEP.2022 05:23:42

Middle Channel / 10MHz / 16QAM



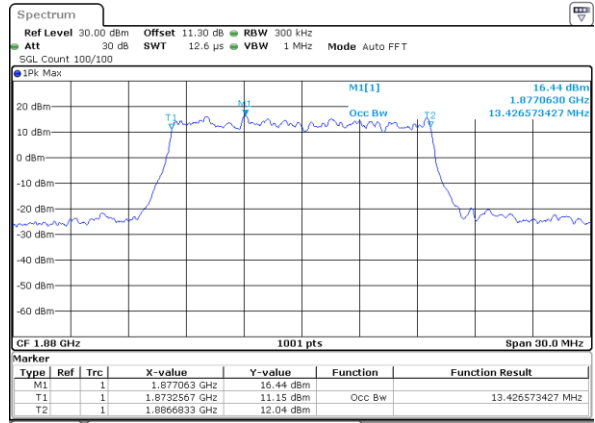
Date: 21.SEP.2022 05:24:12

Middle Channel / 15MHz / QPSK



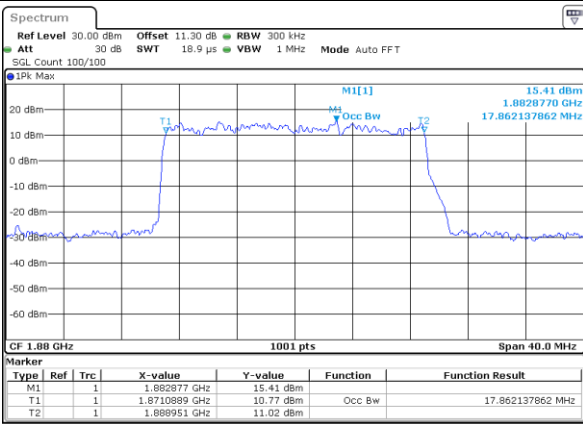
Date: 21.SEP.2022 05:47:25

Middle Channel / 15MHz / 16QAM



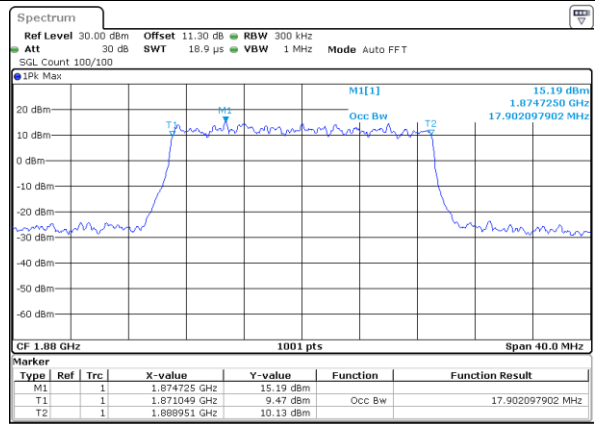
Date: 21.SEP.2022 05:47:55

Middle Channel / 20MHz / QPSK



Date: 21.SEP.2022 06:01:48

Middle Channel / 20MHz / 16QAM

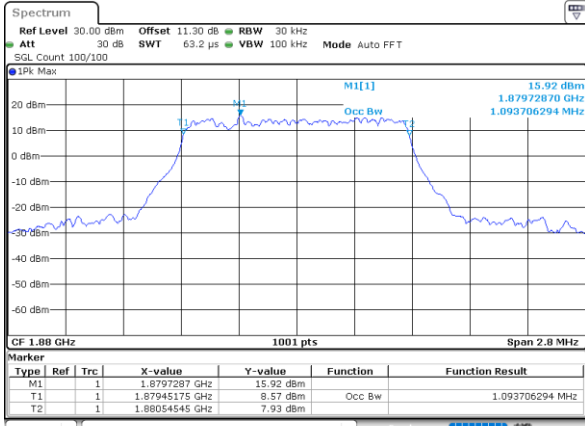


Date: 21.SEP.2022 06:02:18



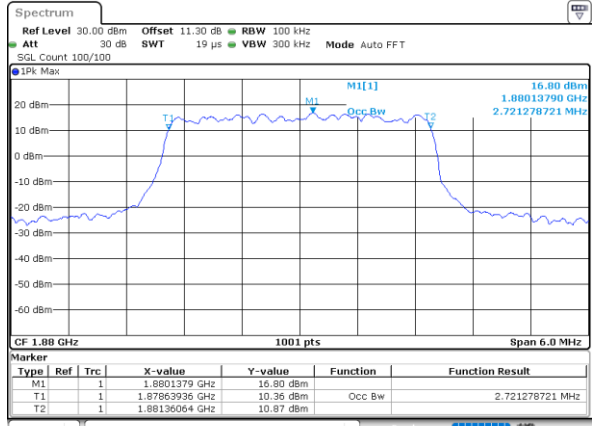
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



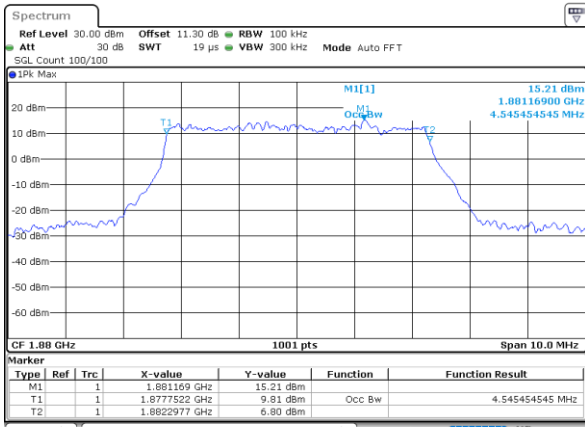
Date: 21.SEP.2022 04:37:26

Middle Channel / 3MHz / 64QAM



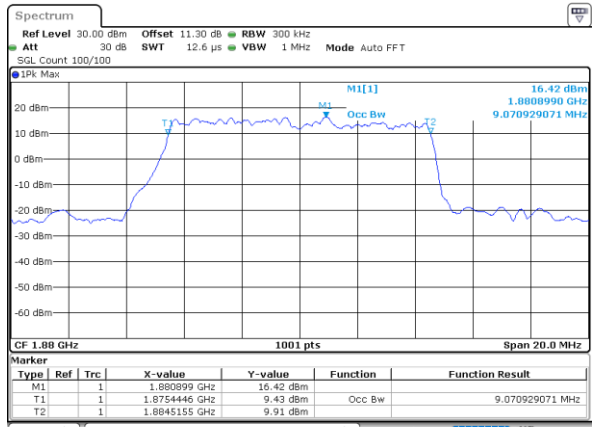
Date: 21.SEP.2022 04:42:11

Middle Channel / 5MHz / 64QAM



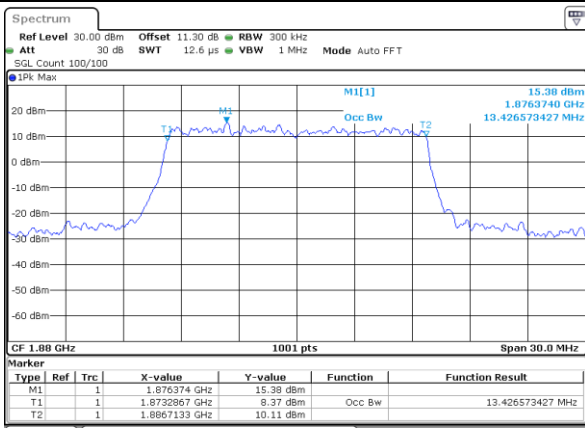
Date: 21.SEP.2022 05:15:50

Middle Channel / 10MHz / 64QAM



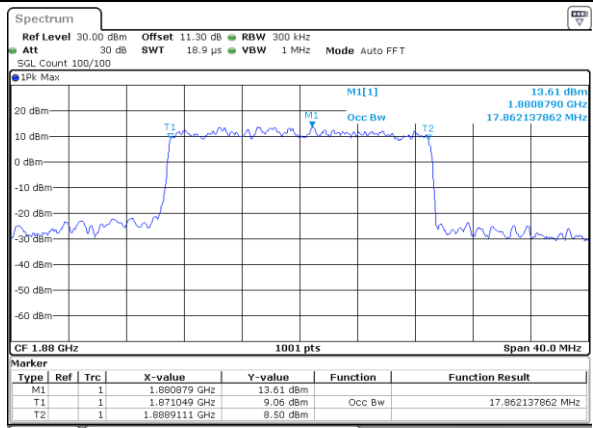
Date: 21.SEP.2022 05:14:33

Middle Channel / 15MHz / 64QAM



Date: 21.SEP.2022 05:39:18

Middle Channel / 20MHz / 64QAM

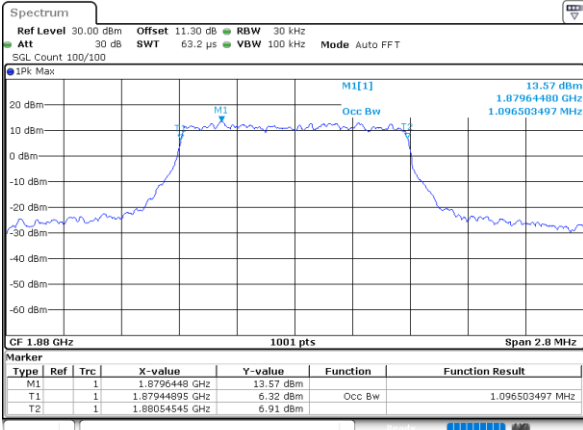


Date: 21.SEP.2022 06:12:41

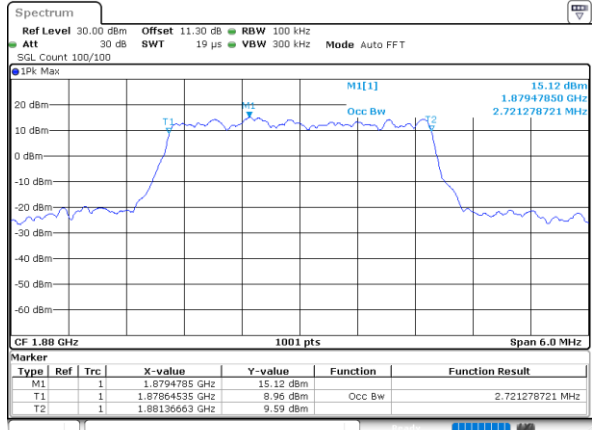


LTE Band 25

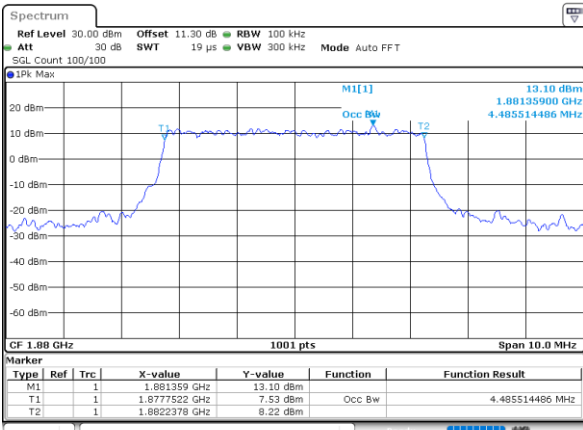
Middle Channel / 1.4MHz / 256QAM



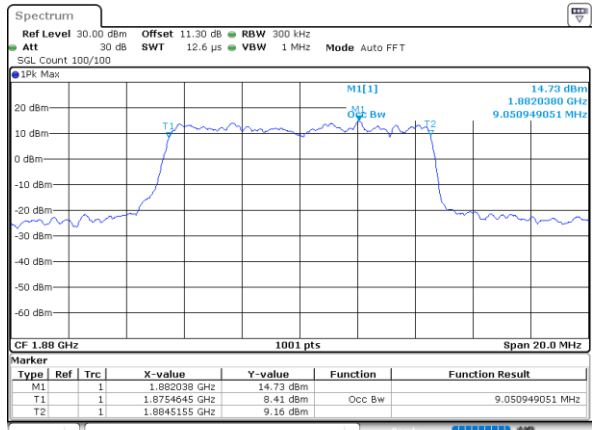
Middle Channel / 3MHz / 256QAM



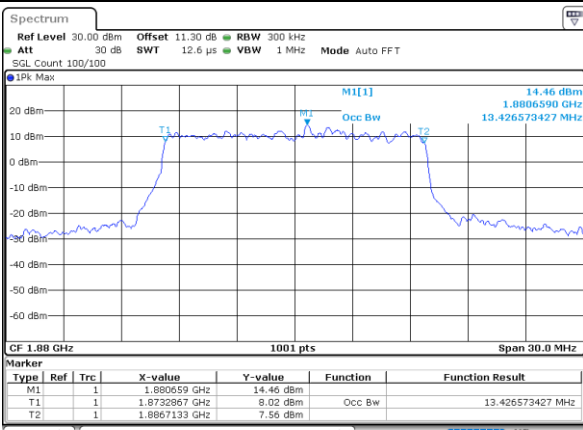
Middle Channel / 5MHz / 256QAM



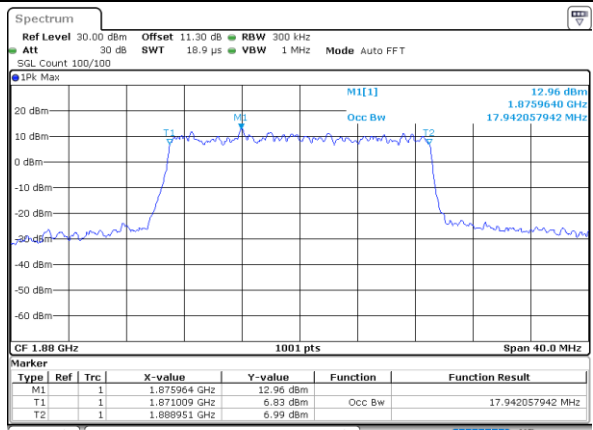
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM

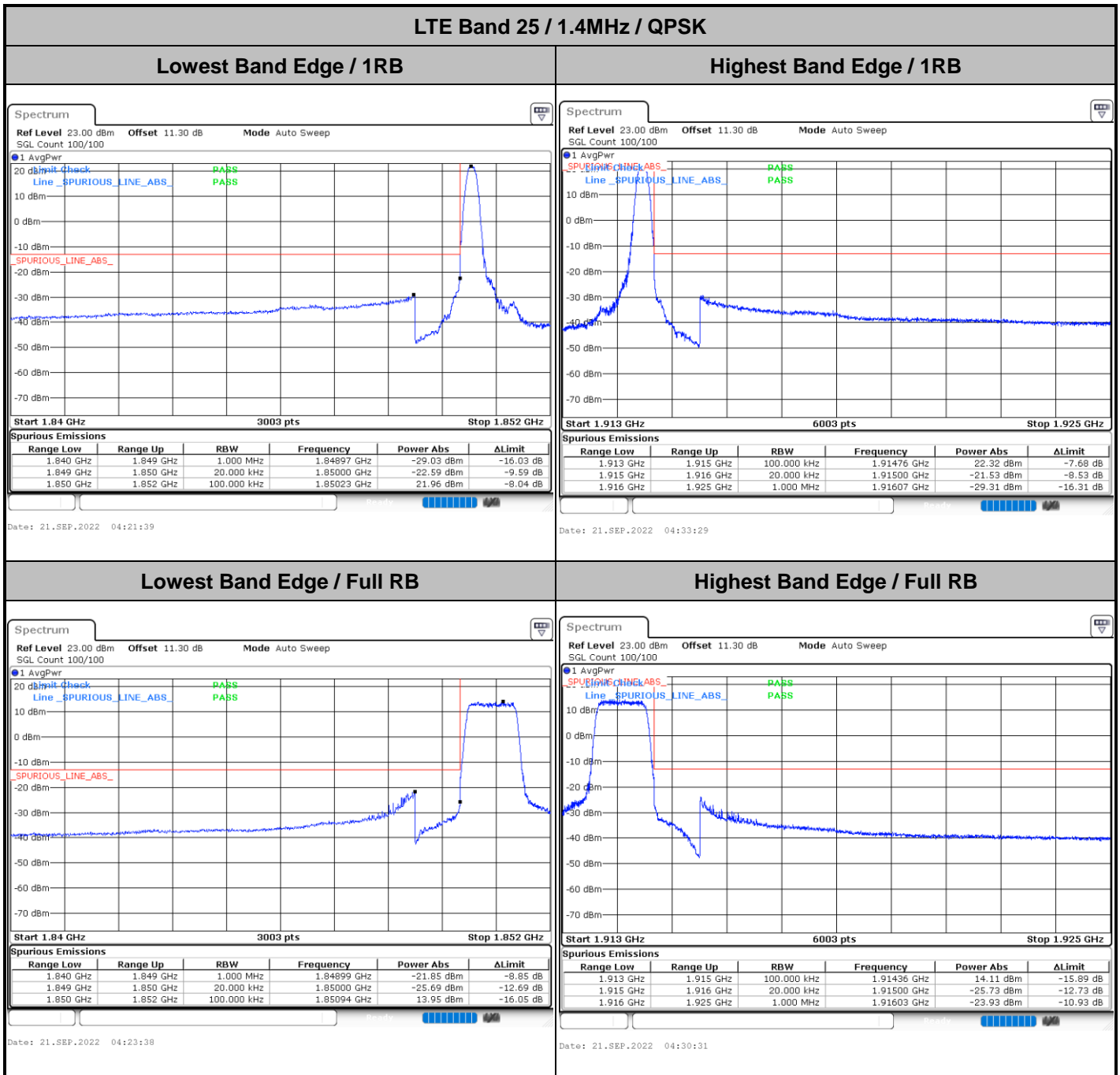


Middle Channel / 20MHz / 256QAM





Conducted Band Edge

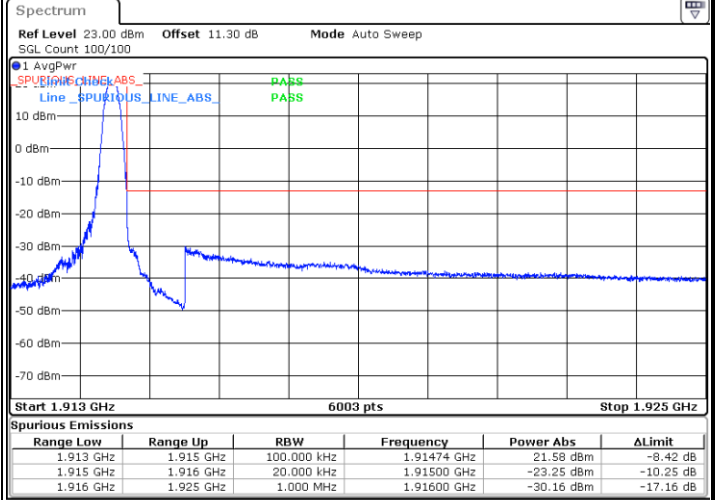
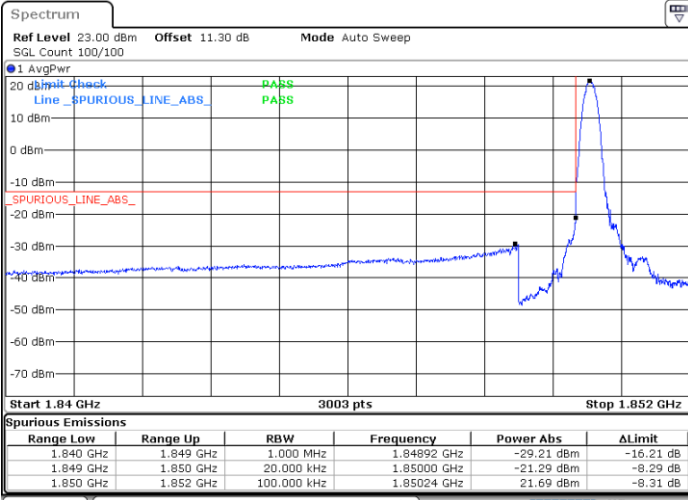




LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

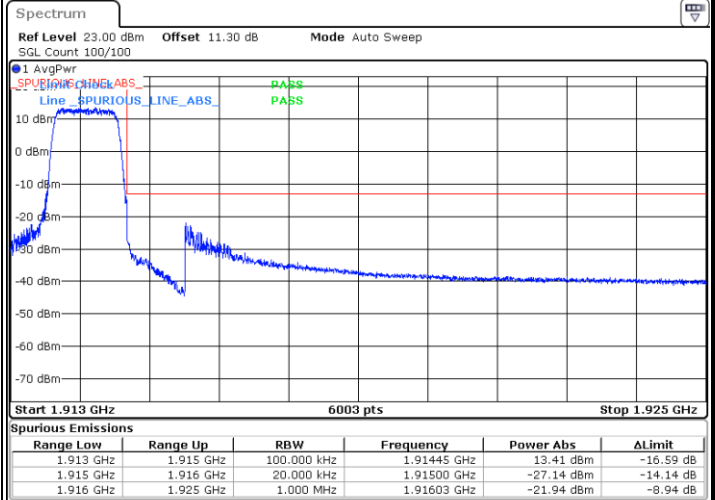
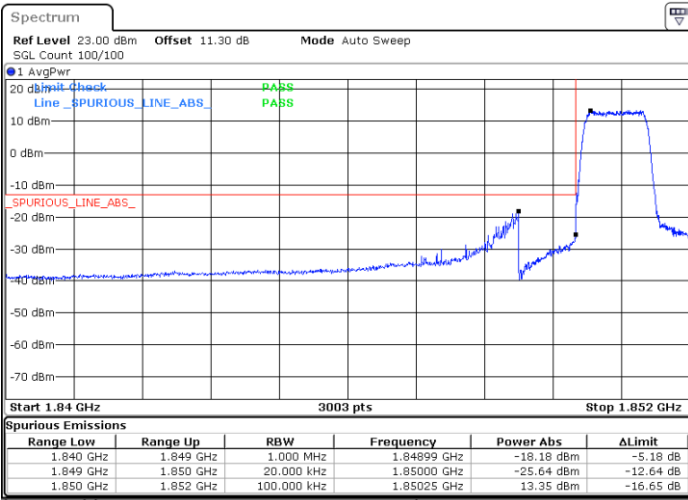


Date: 21.SEP.2022 04:22:38

Date: 21.SEP.2022 04:32:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



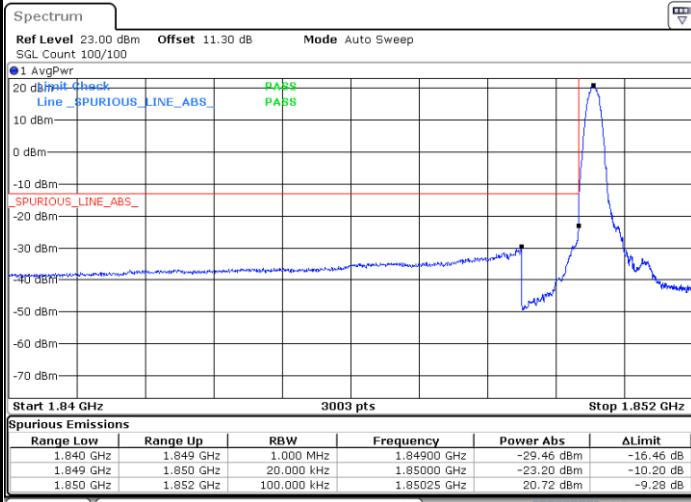
Date: 21.SEP.2022 04:24:37

Date: 21.SEP.2022 04:31:30



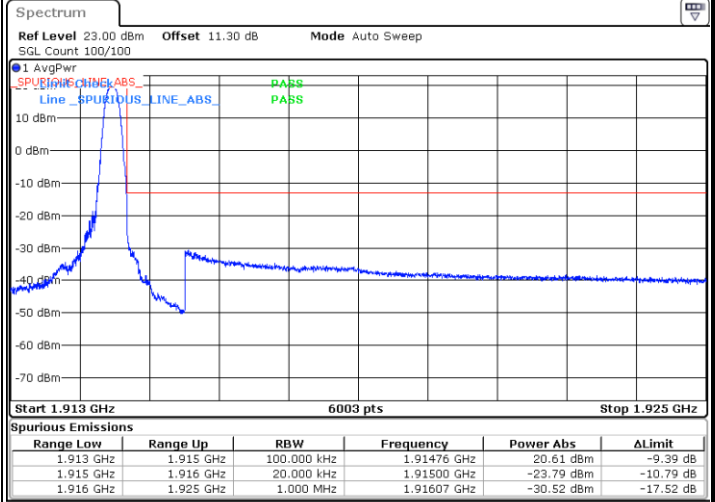
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



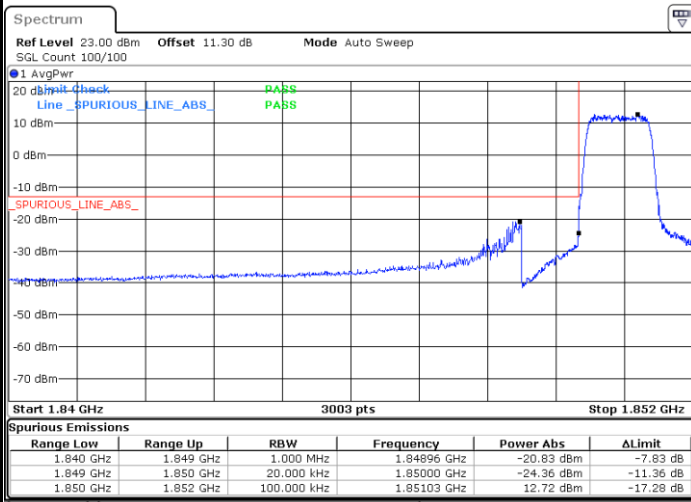
Date: 21.SEP.2022 04:35:57

Highest Band Edge / 1 RB



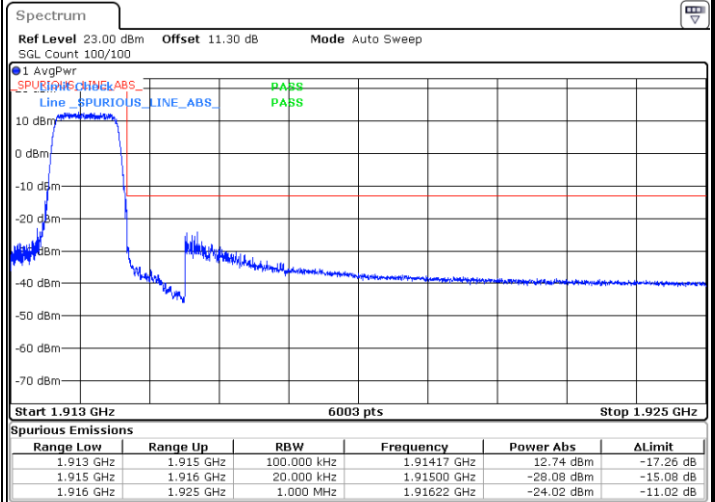
Date: 21.SEP.2022 04:39:37

Lowest Band Edge / Full RB



Date: 21.SEP.2022 04:36:56

Highest Band Edge / Full RB

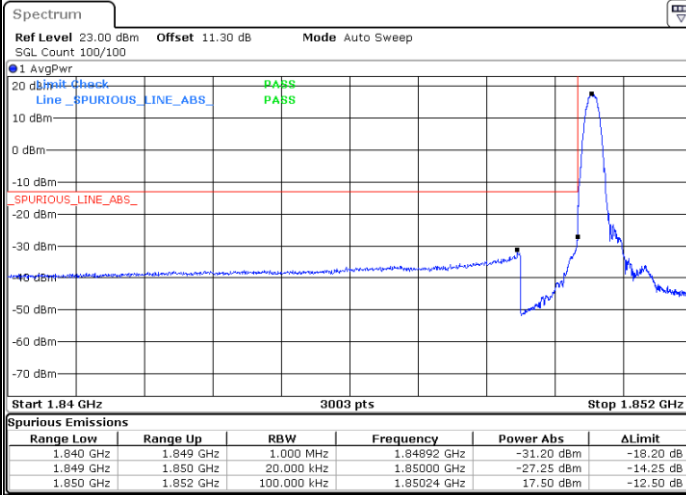


Date: 21.SEP.2022 04:38:38



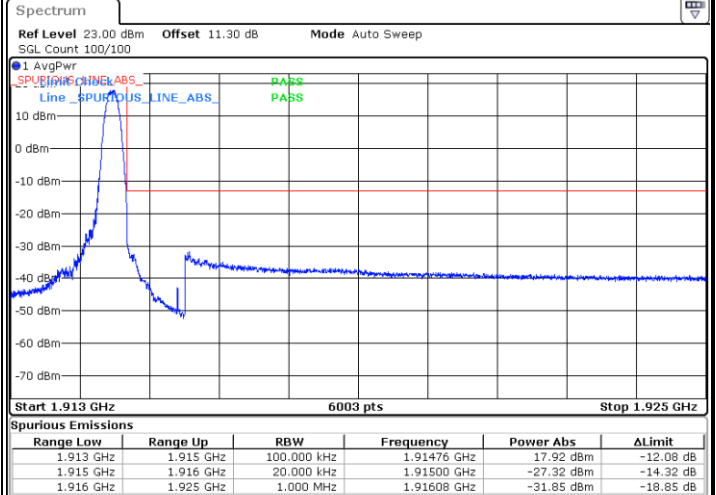
LTE Band 25 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



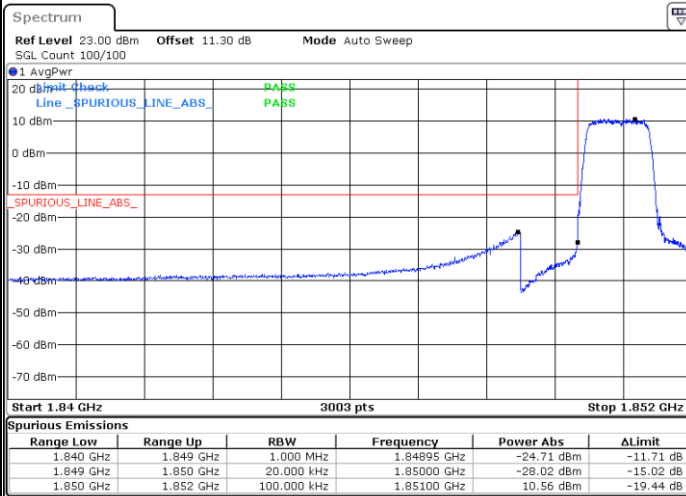
Date: 21.SEP.2022 06:17:32

Highest Band Edge / 1 RB



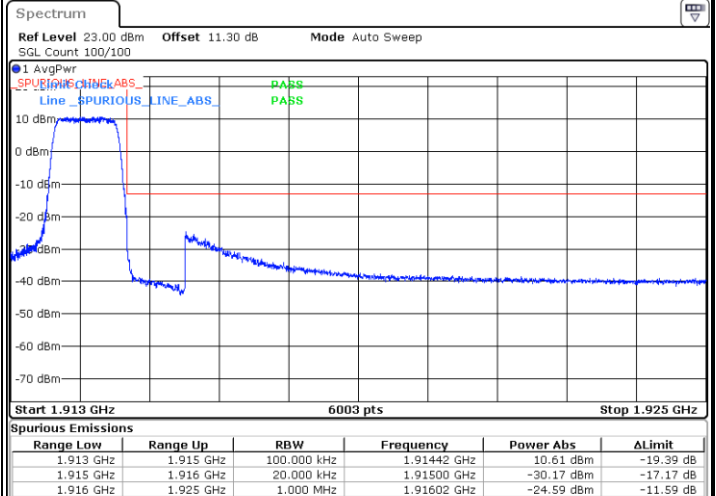
Date: 21.SEP.2022 06:21:16

Lowest Band Edge / Full RB



Date: 21.SEP.2022 06:18:31

Highest Band Edge / Full RB

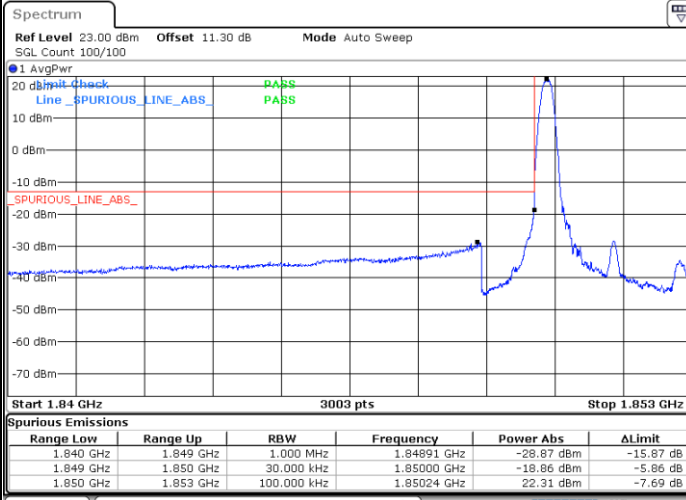


Date: 21.SEP.2022 06:20:17



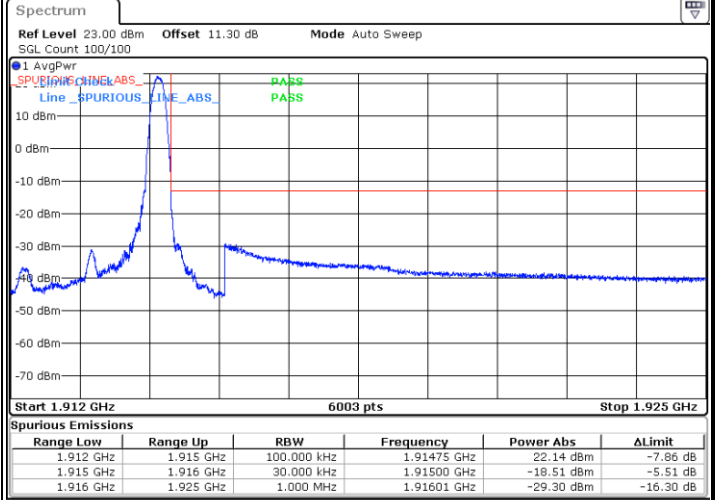
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



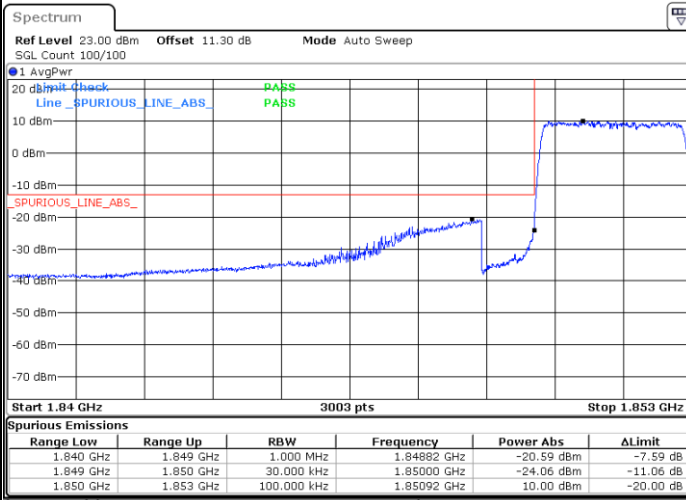
Date: 21.SEP.2022 04:45:21

Highest Band Edge / 1 RB



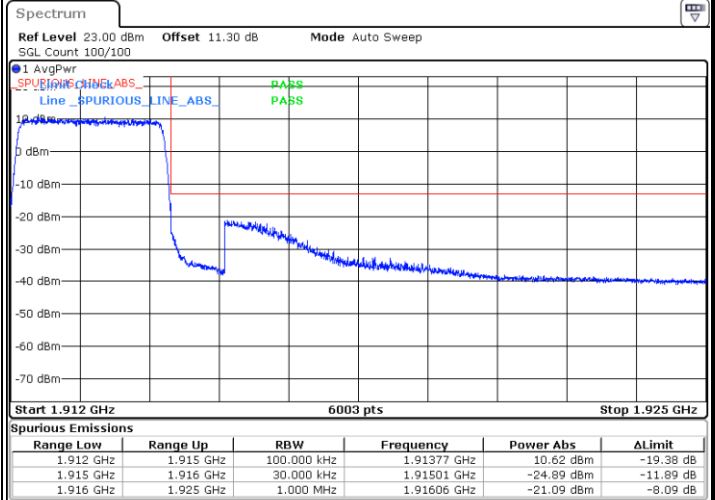
Date: 21.SEP.2022 04:57:11

Lowest Band Edge / Full RB



Date: 21.SEP.2022 04:47:20

Highest Band Edge / Full RB

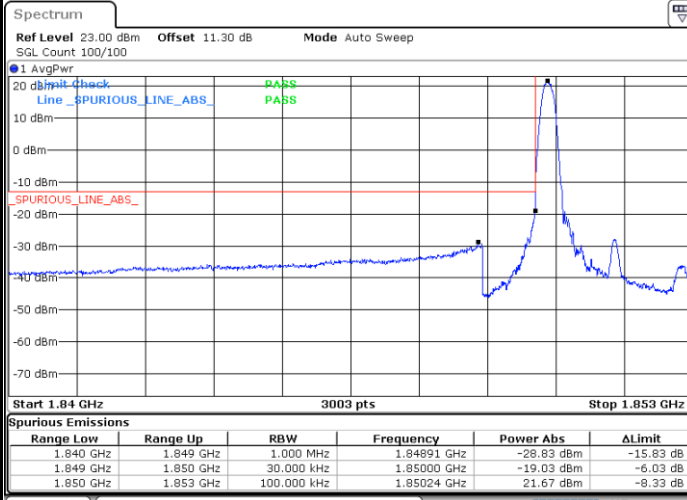


Date: 21.SEP.2022 04:54:13



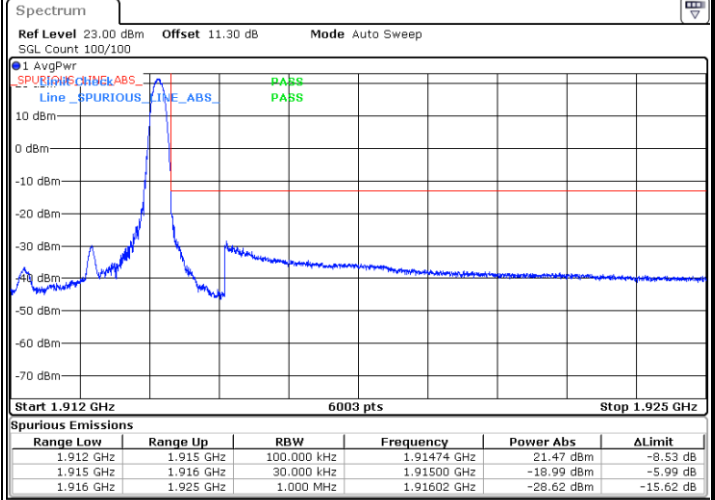
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



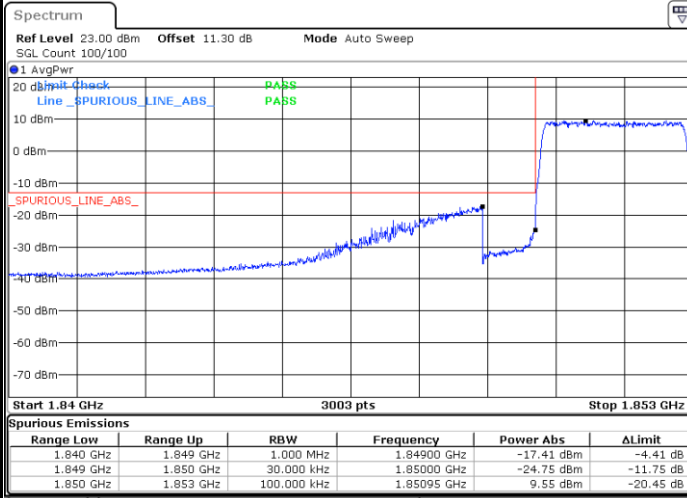
Date: 21.SEP.2022 04:46:21

Highest Band Edge / 1 RB



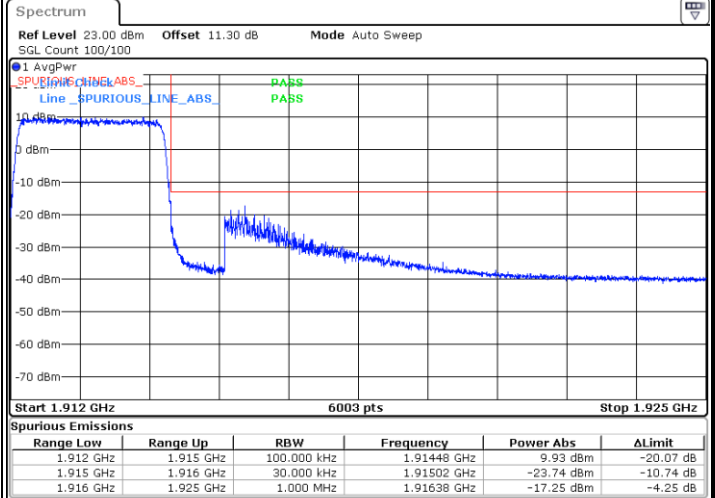
Date: 21.SEP.2022 04:56:12

Lowest Band Edge / Full RB



Date: 21.SEP.2022 04:48:19

Highest Band Edge / Full RB



Date: 21.SEP.2022 04:55:12