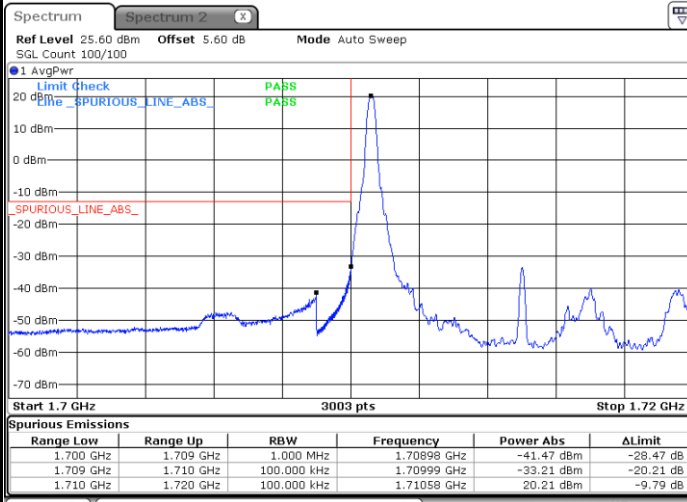




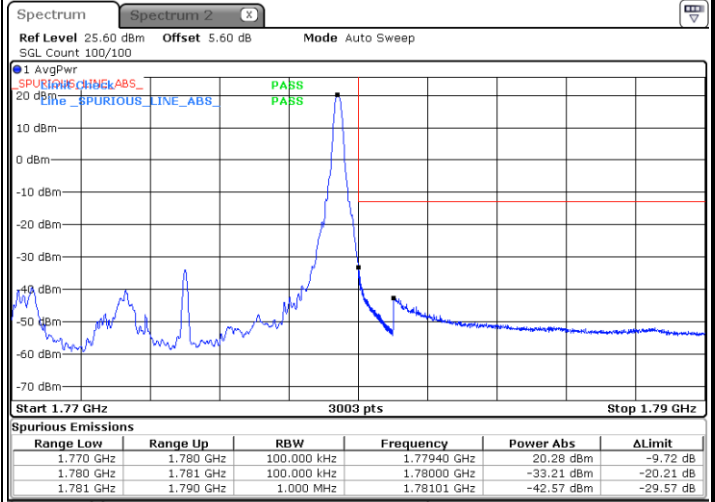
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



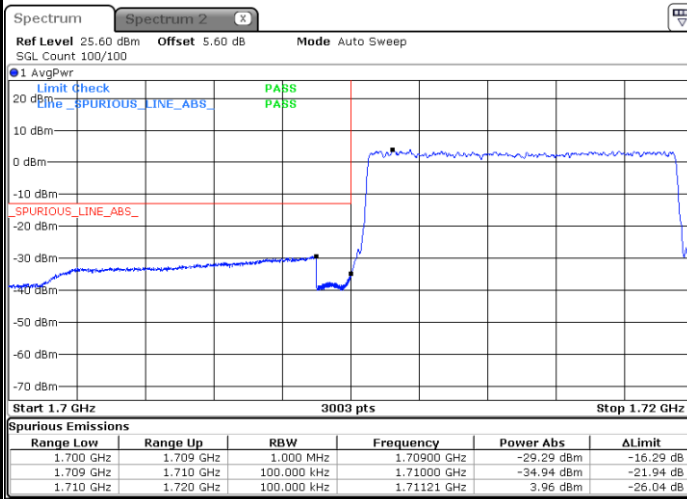
Date: 23.OCT.2023 00:37:24

Highest Band Edge / 1 RB



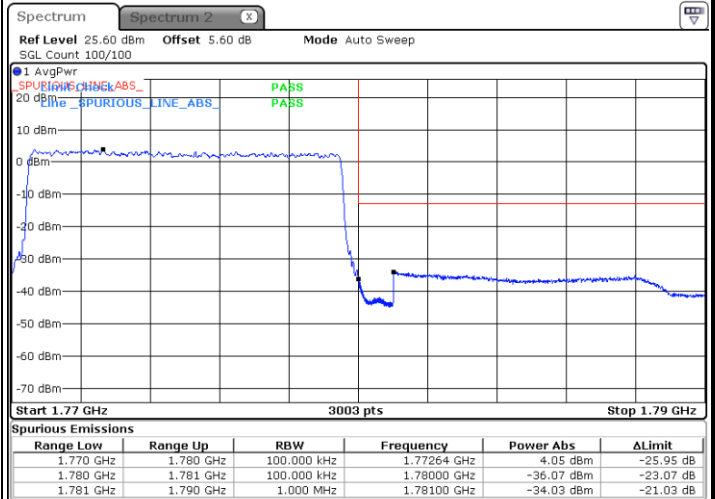
Date: 23.OCT.2023 00:46:12

Lowest Band Edge / Full RB



Date: 23.OCT.2023 00:40:25

Highest Band Edge / Full RB

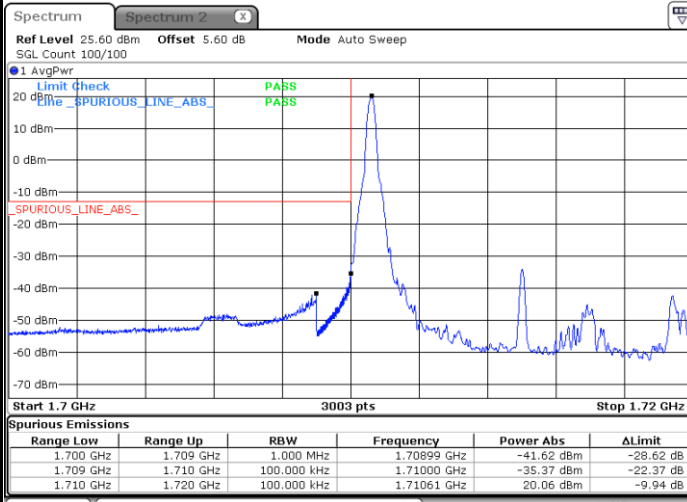


Date: 23.OCT.2023 00:49:12



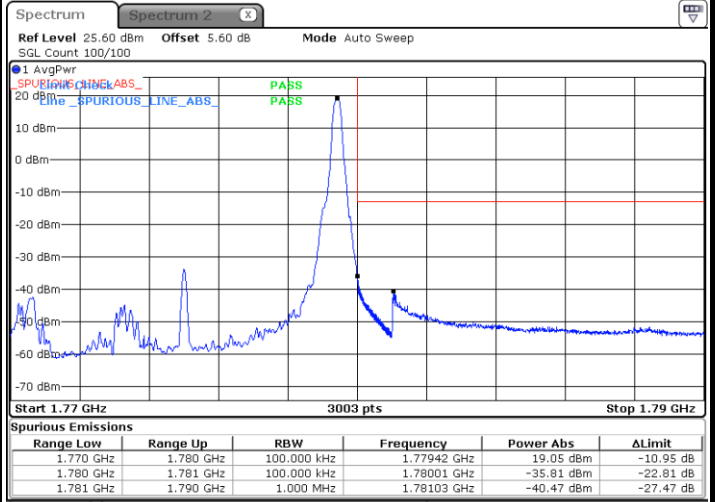
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



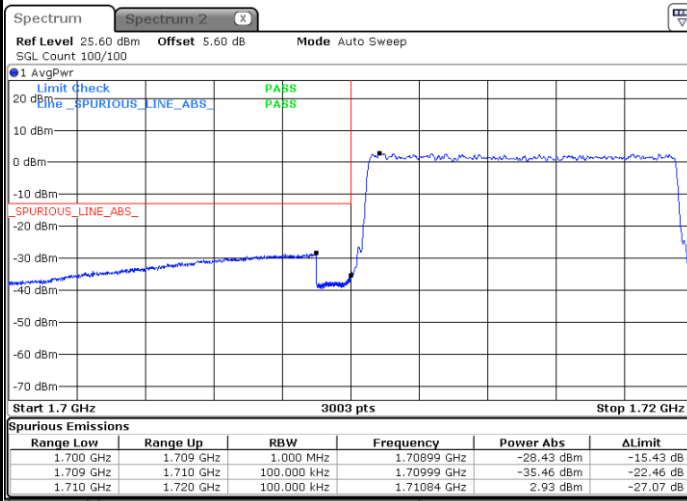
Date: 23.OCT.2023 00:38:10

Highest Band Edge / 1 RB



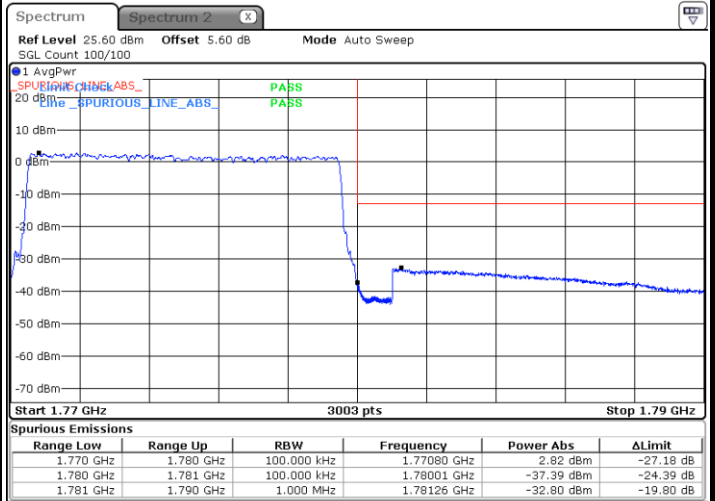
Date: 23.OCT.2023 00:46:57

Lowest Band Edge / Full RB



Date: 23.OCT.2023 00:41:11

Highest Band Edge / Full RB

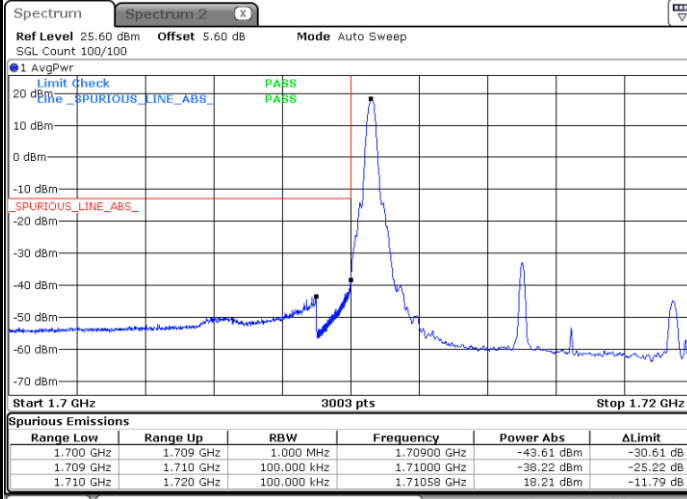


Date: 23.OCT.2023 00:49:57



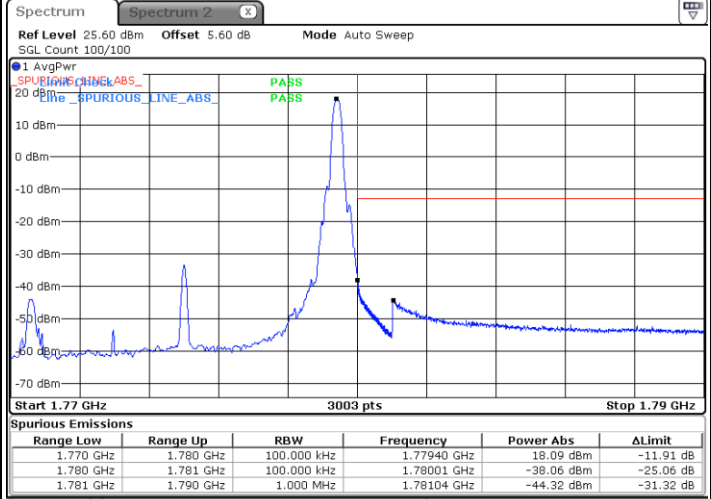
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



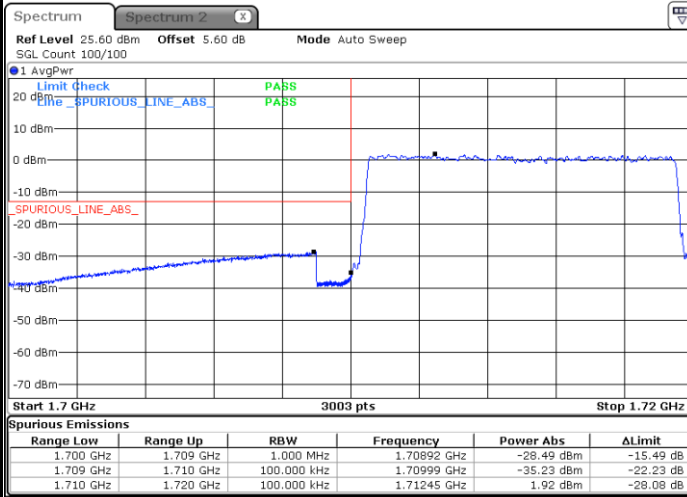
Date: 23.OCT.2023 00:38:55

Highest Band Edge / 1 RB



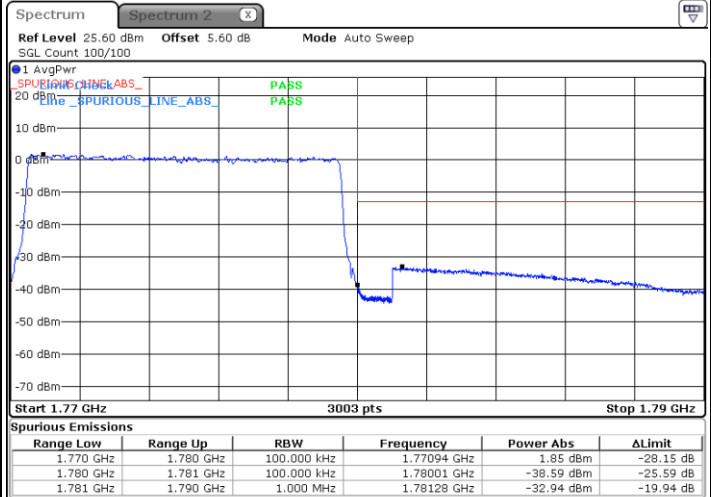
Date: 23.OCT.2023 00:47:42

Lowest Band Edge / Full RB



Date: 23.OCT.2023 00:41:56

Highest Band Edge / Full RB

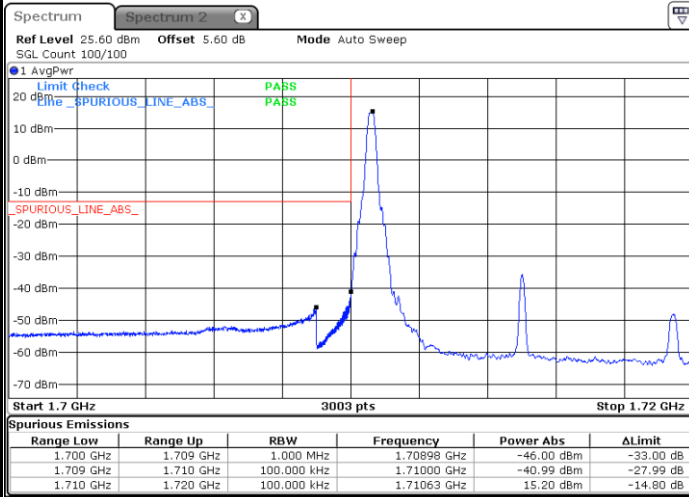


Date: 23.OCT.2023 00:50:42



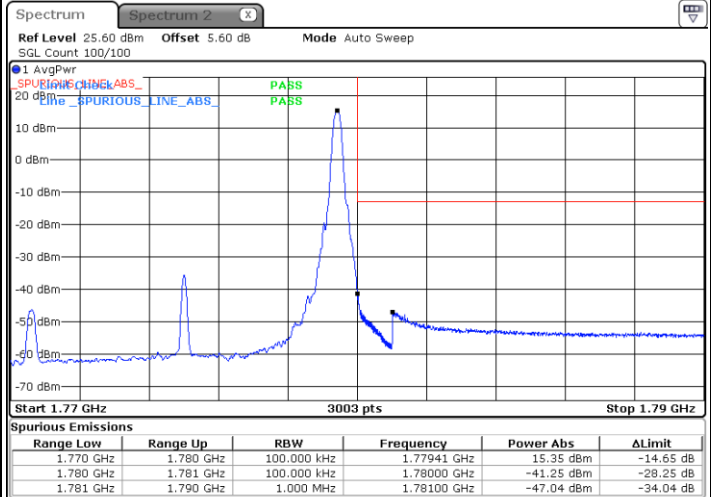
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



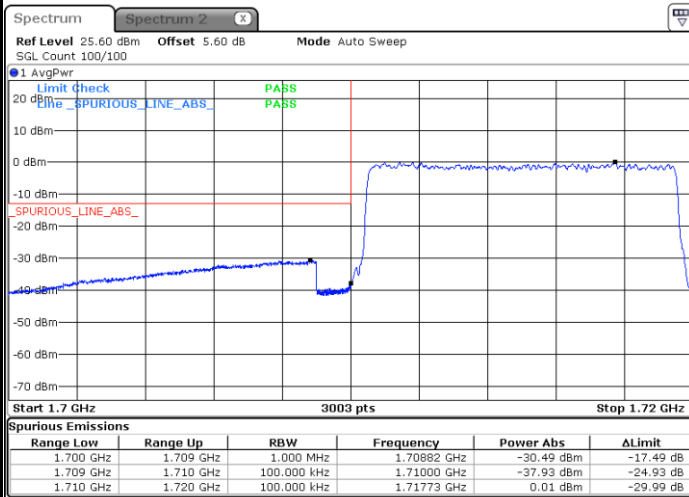
Date: 23.OCT.2023 00:39:40

Highest Band Edge / 1 RB



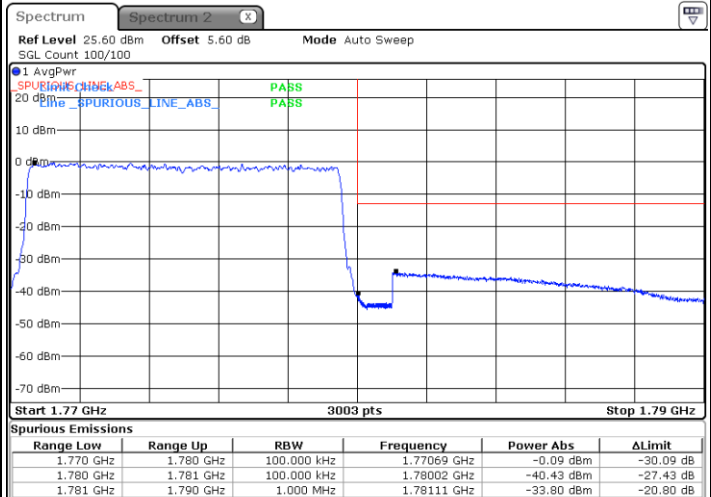
Date: 23.OCT.2023 00:48:27

Lowest Band Edge / Full RB



Date: 23.OCT.2023 00:42:41

Highest Band Edge / Full RB

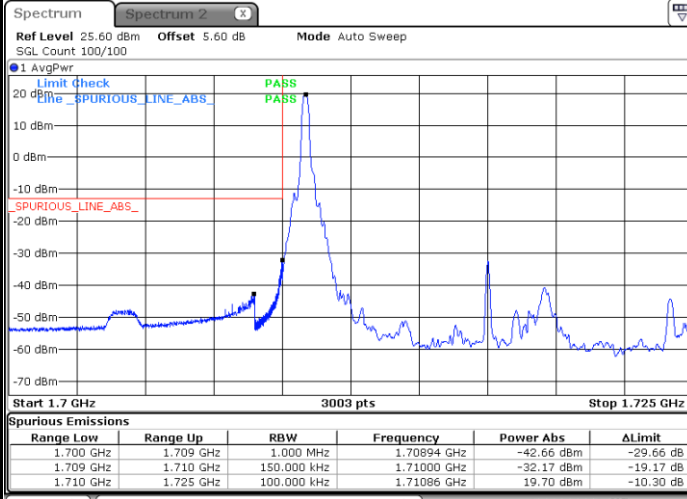


Date: 23.OCT.2023 00:51:27



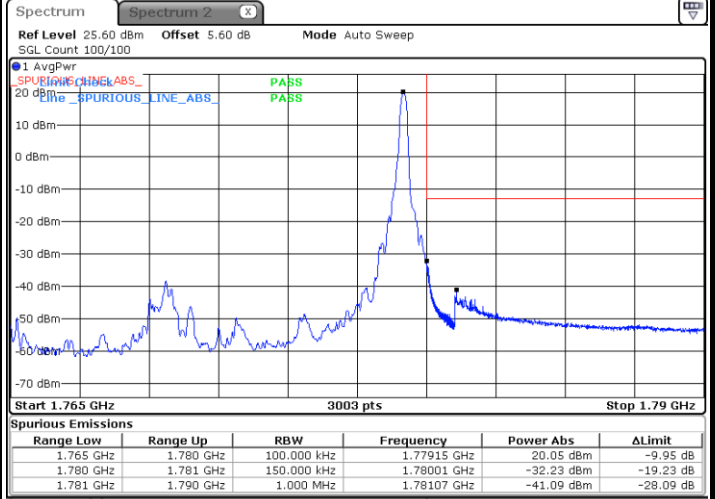
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



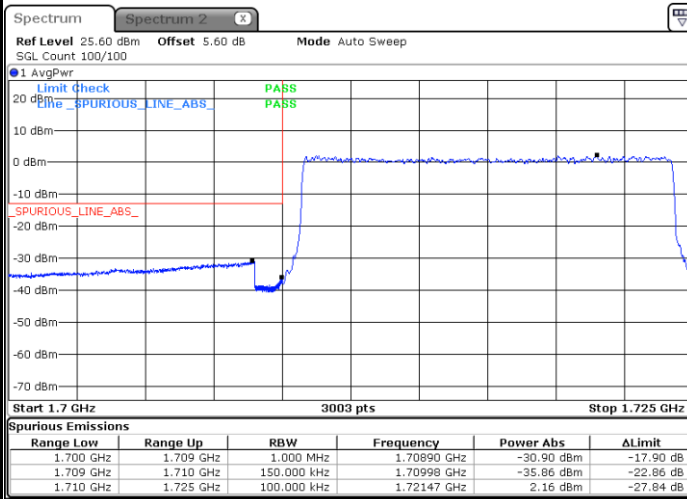
Date: 23.OCT.2023 00:56:16

Highest Band Edge / 1 RB



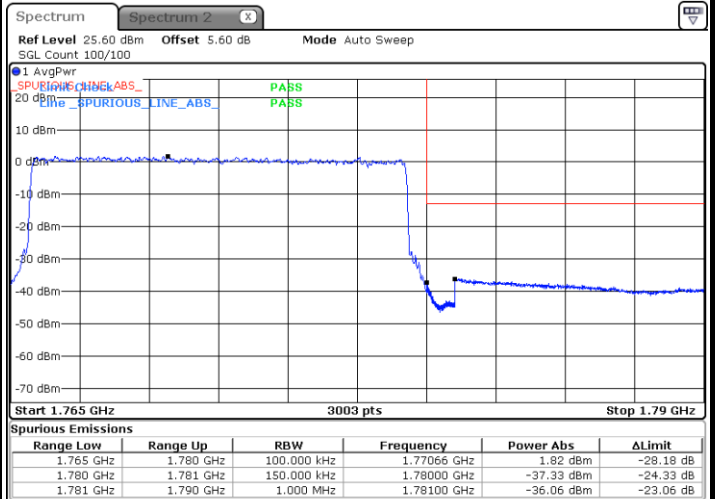
Date: 23.OCT.2023 01:07:14

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:01:45

Highest Band Edge / Full RB

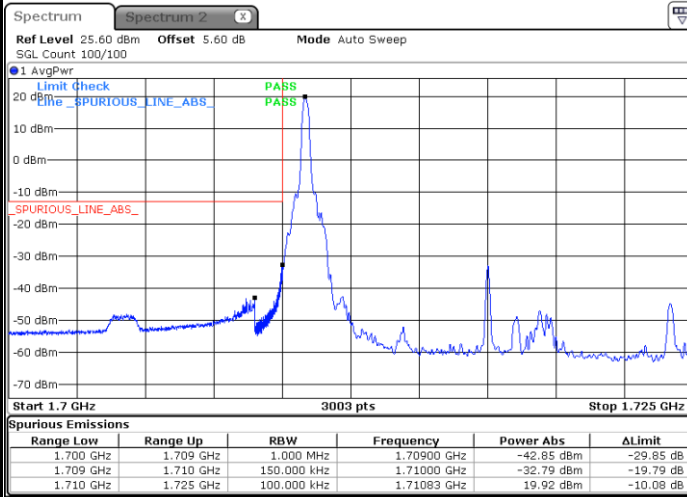


Date: 23.OCT.2023 01:09:58



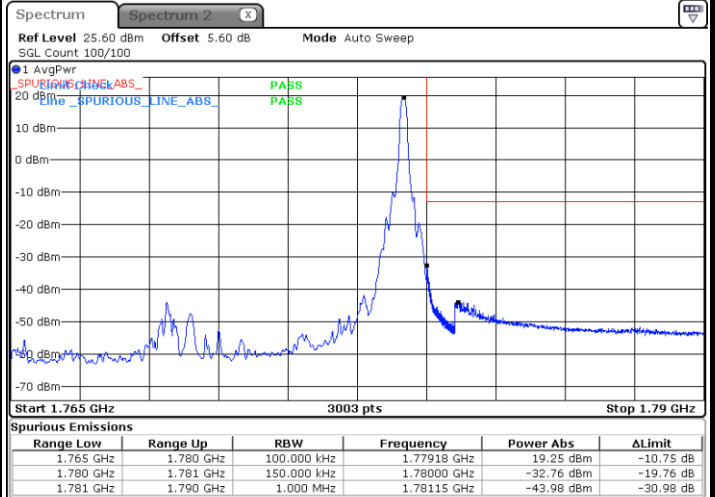
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



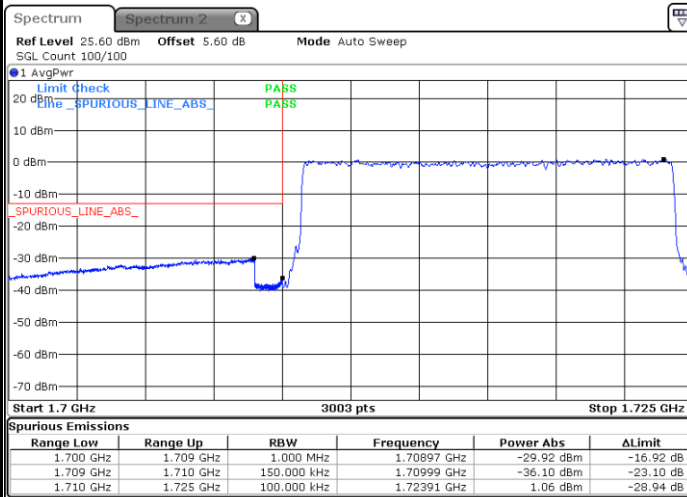
Date: 23.OCT.2023 00:57:01

Highest Band Edge / 1 RB



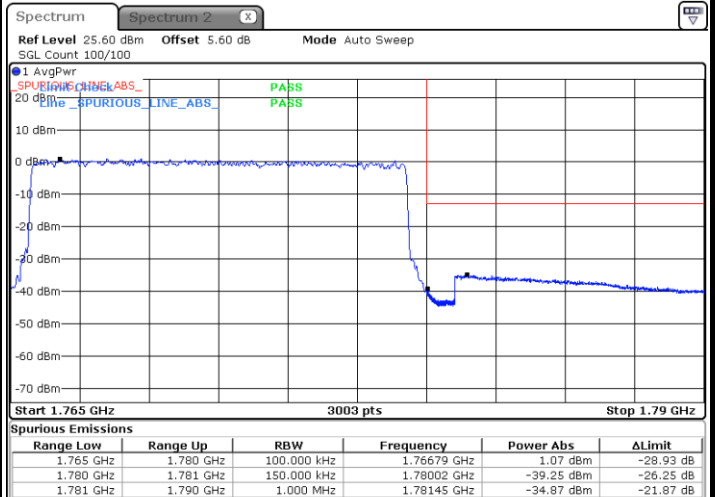
Date: 23.OCT.2023 01:07:54

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:02:25

Highest Band Edge / Full RB

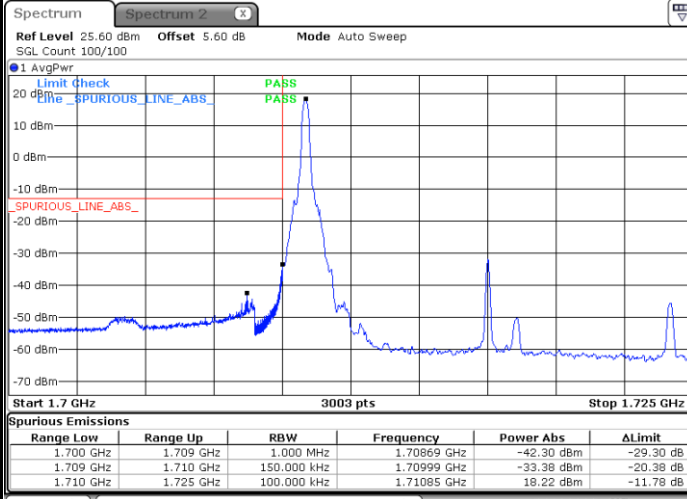


Date: 23.OCT.2023 01:10:38



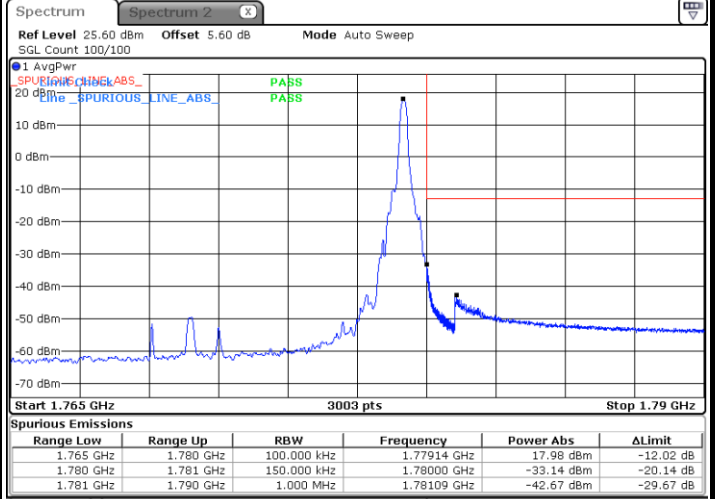
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



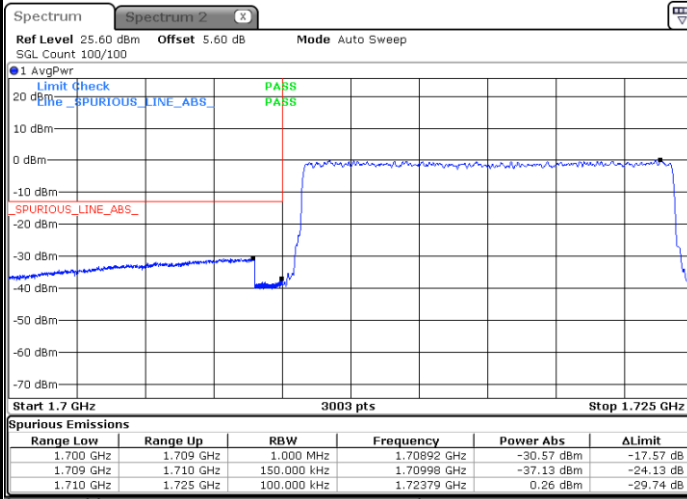
Date: 23.OCT.2023 00:57:46

Highest Band Edge / 1 RB



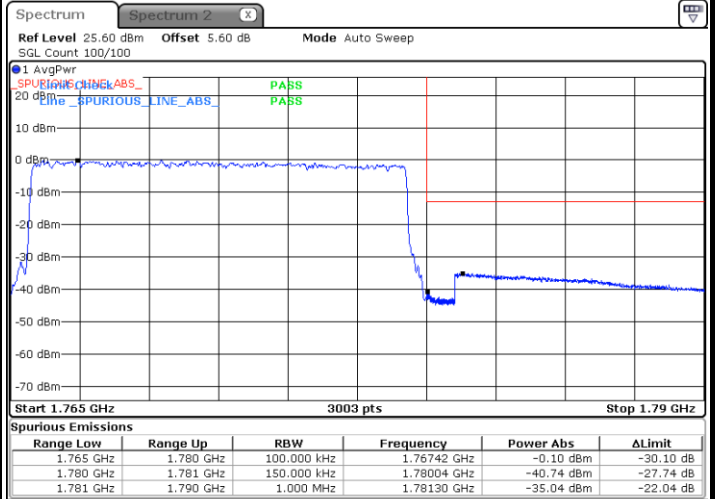
Date: 23.OCT.2023 01:08:34

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:03:05

Highest Band Edge / Full RB

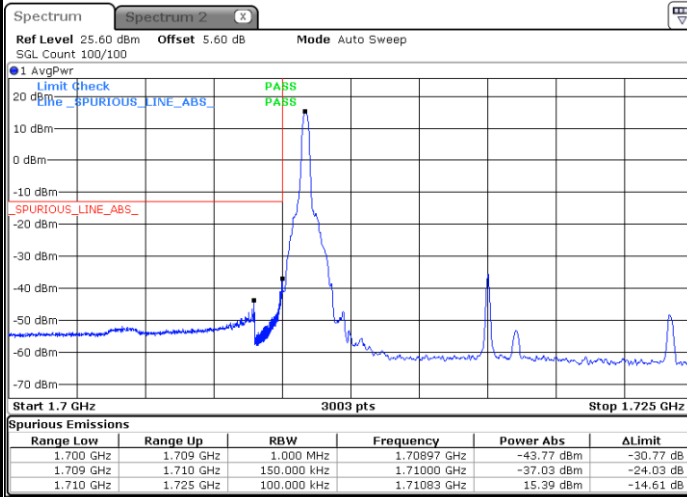


Date: 23.OCT.2023 01:11:18



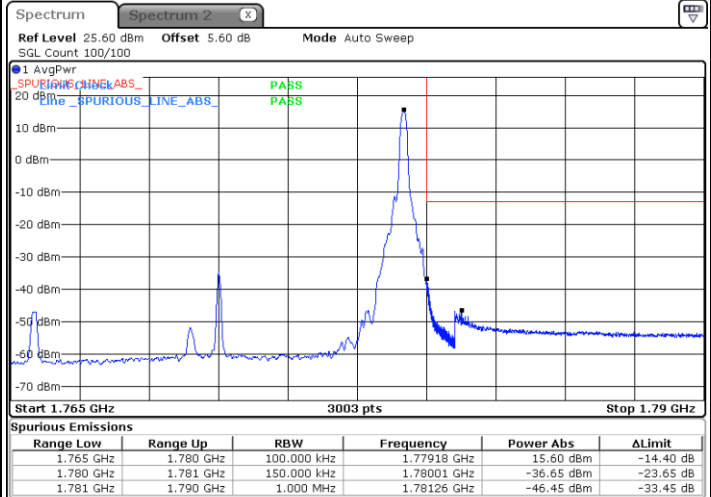
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



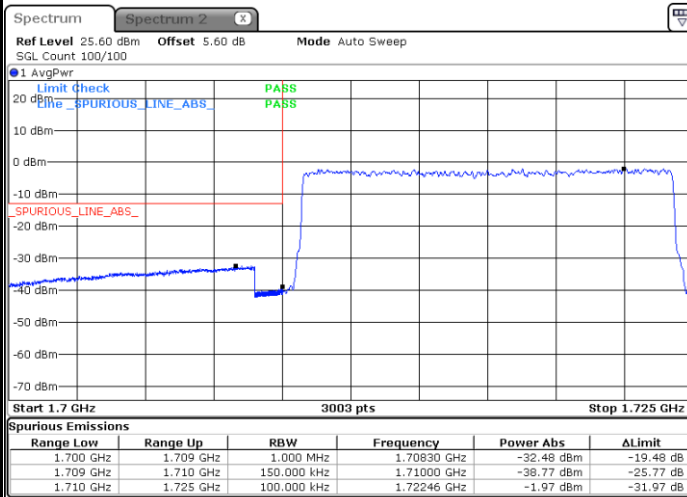
Date: 23.OCT.2023 00:58:26

Highest Band Edge / 1 RB



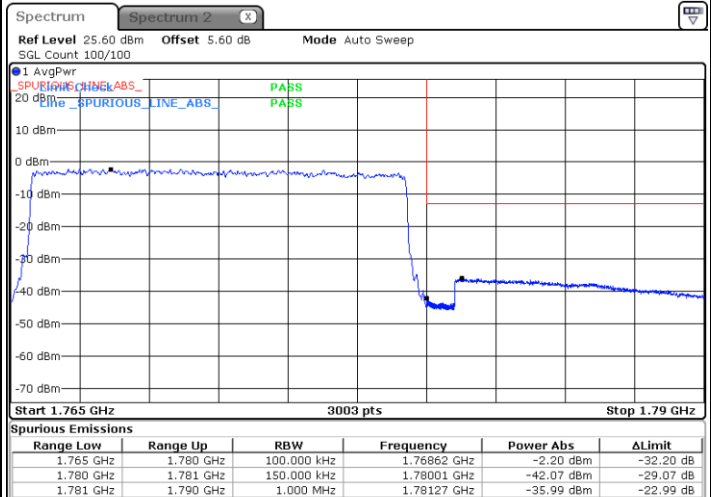
Date: 23.OCT.2023 01:09:15

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:03:45

Highest Band Edge / Full RB

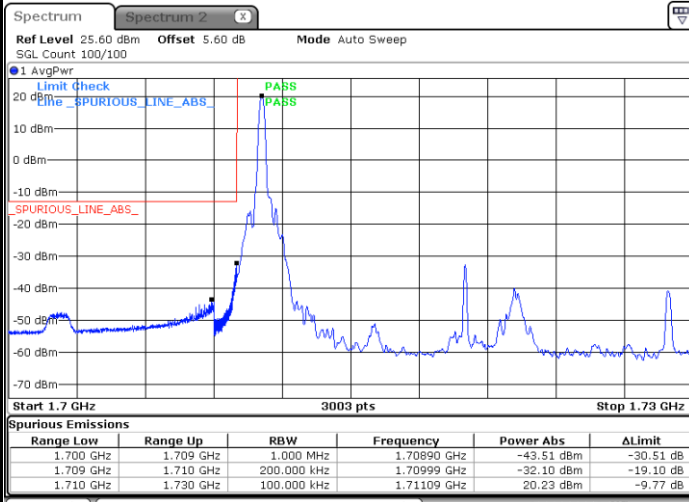


Date: 23.OCT.2023 01:11:58



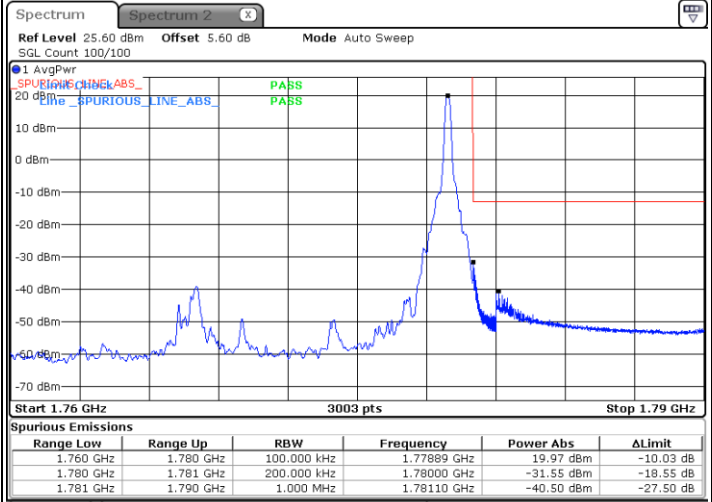
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



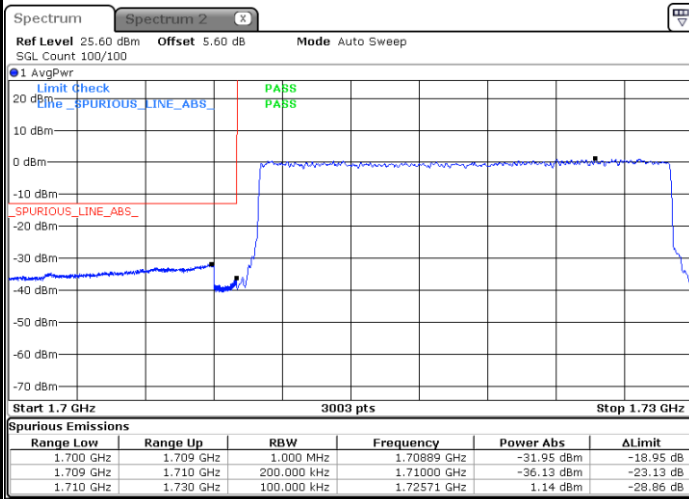
Date: 23.OCT.2023 01:14:04

Highest Band Edge / 1 RB



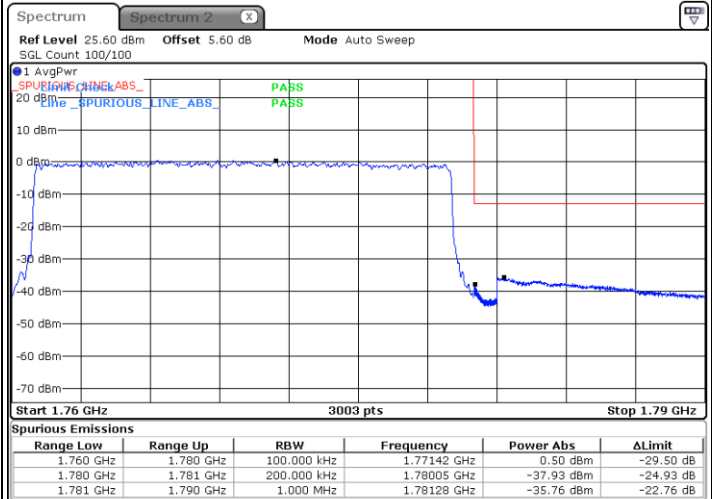
Date: 23.OCT.2023 01:21:38

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:16:32

Highest Band Edge / Full RB

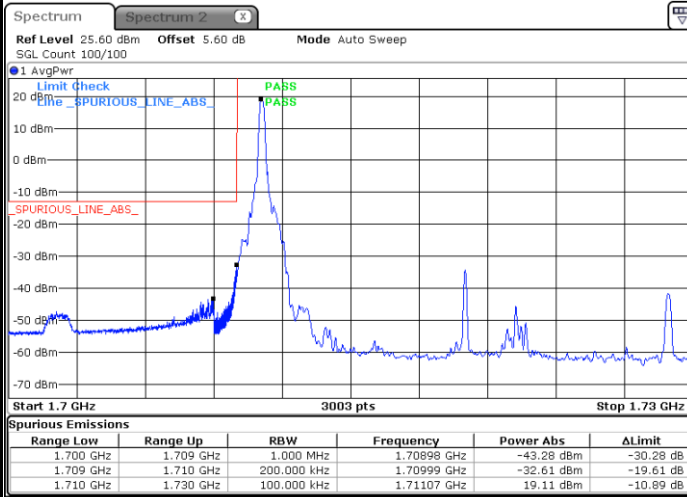


Date: 23.OCT.2023 01:23:59



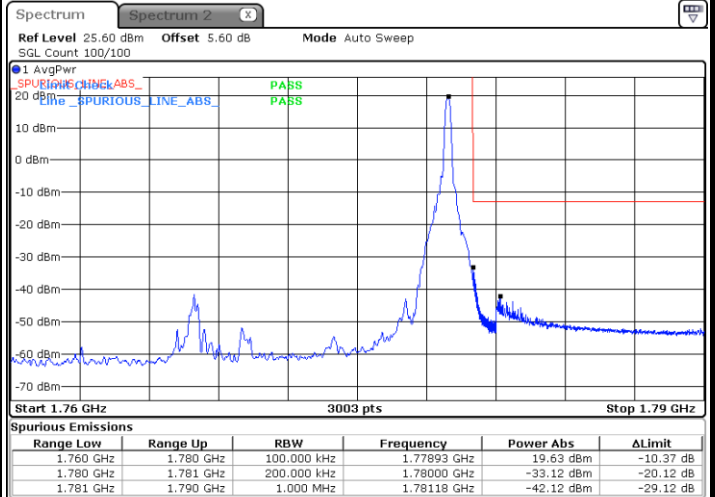
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



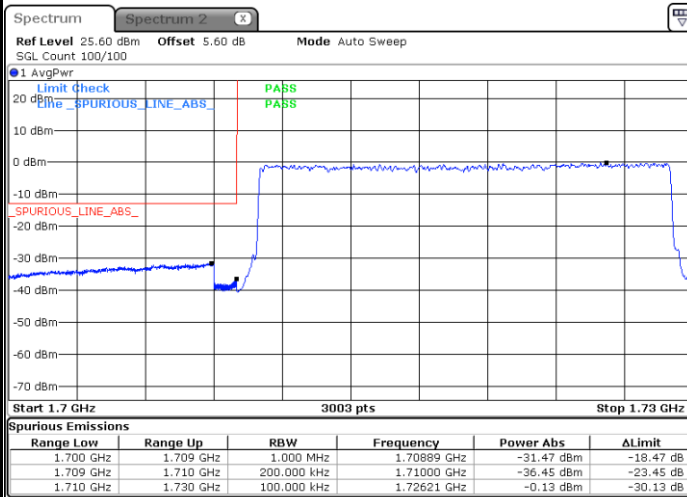
Date: 23.OCT.2023 01:14:44

Highest Band Edge / 1 RB



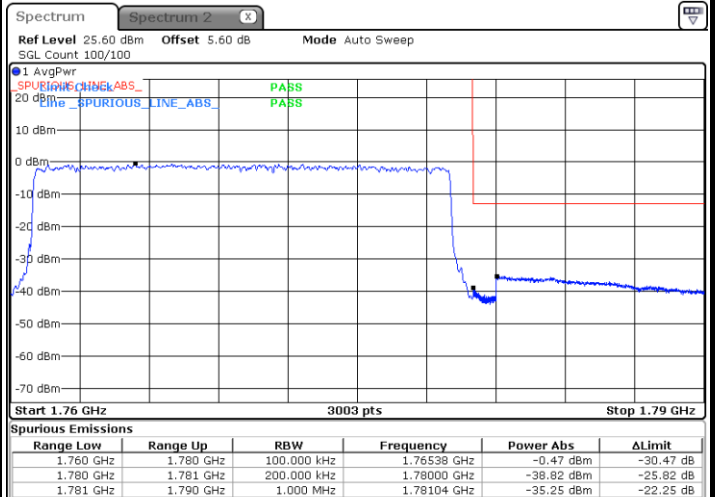
Date: 23.OCT.2023 01:22:14

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:17:07

Highest Band Edge / Full RB

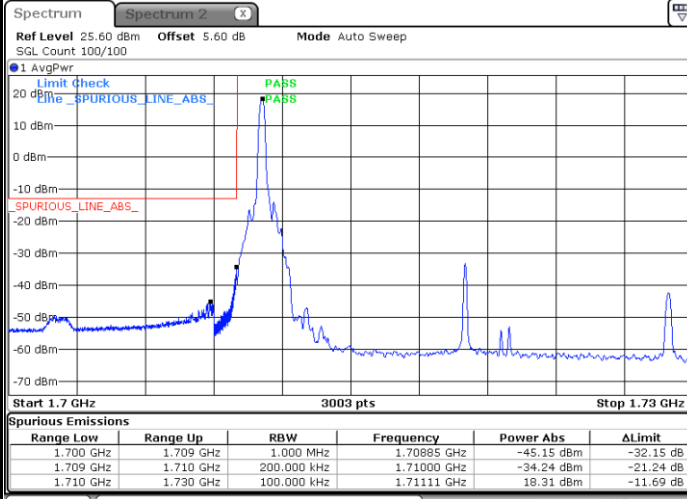


Date: 23.OCT.2023 01:24:34



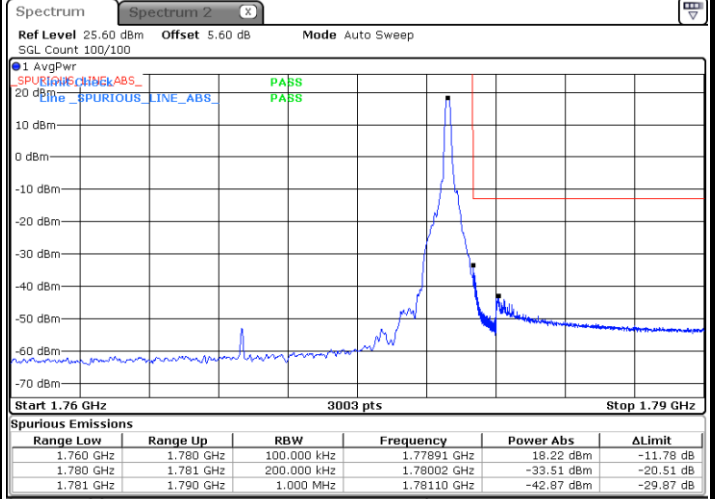
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



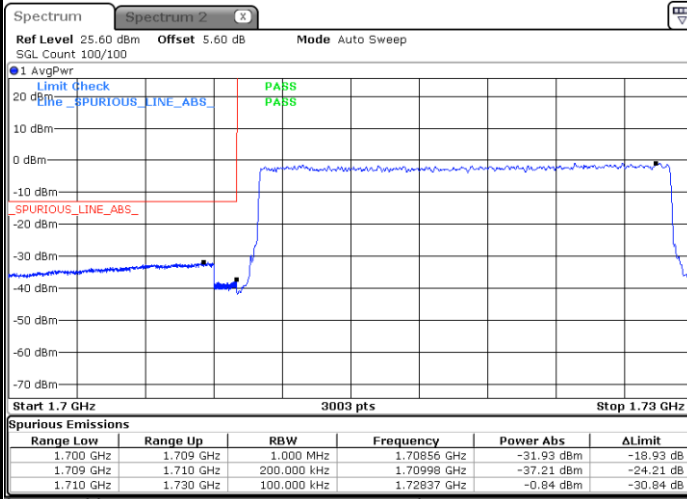
Date: 23.OCT.2023 01:15:19

Highest Band Edge / 1 RB



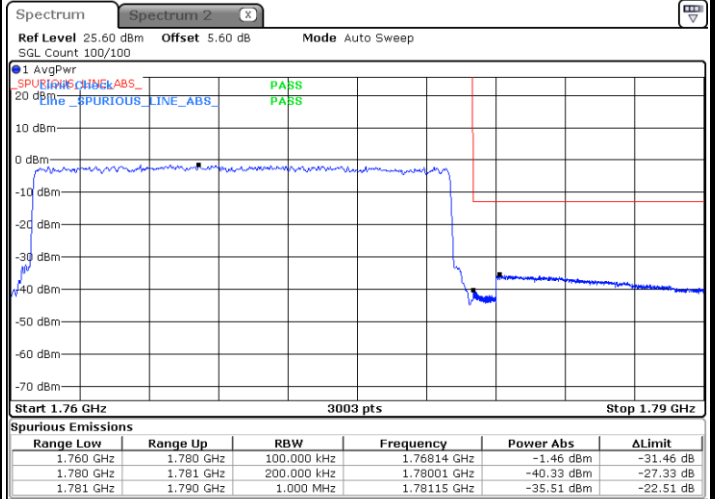
Date: 23.OCT.2023 01:22:49

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:17:42

Highest Band Edge / Full RB

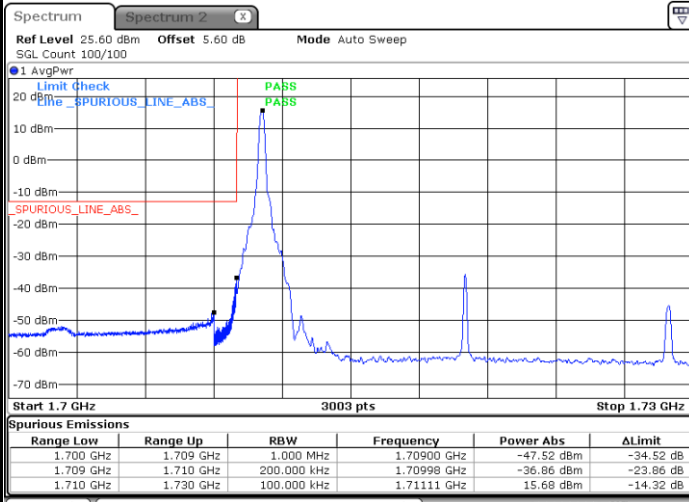


Date: 23.OCT.2023 01:25:09



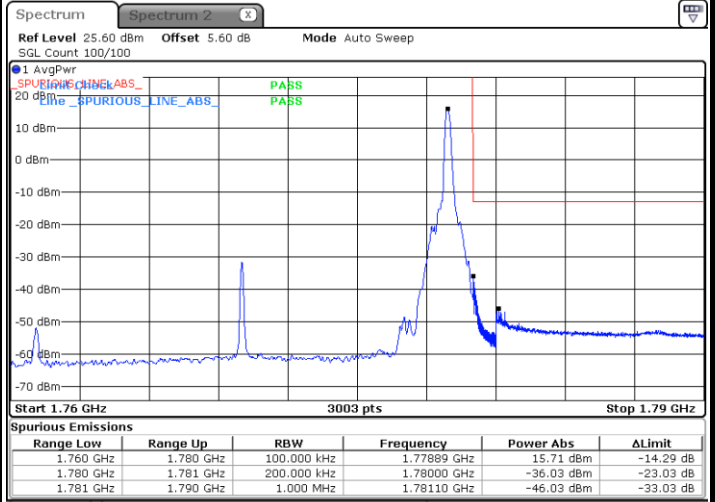
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



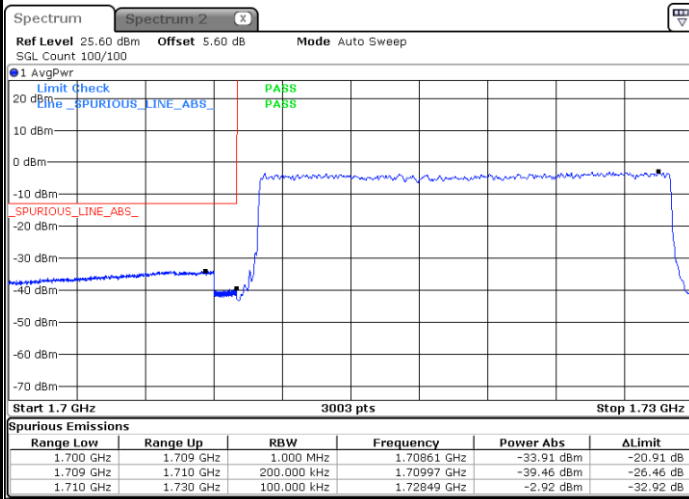
Date: 23.OCT.2023 01:15:54

Highest Band Edge / 1 RB



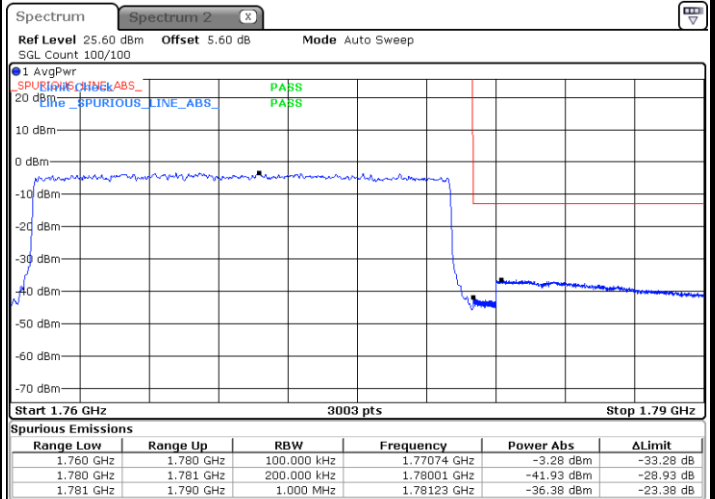
Date: 23.OCT.2023 01:23:24

Lowest Band Edge / Full RB



Date: 23.OCT.2023 01:18:18

Highest Band Edge / Full RB



Date: 23.OCT.2023 01:25:45

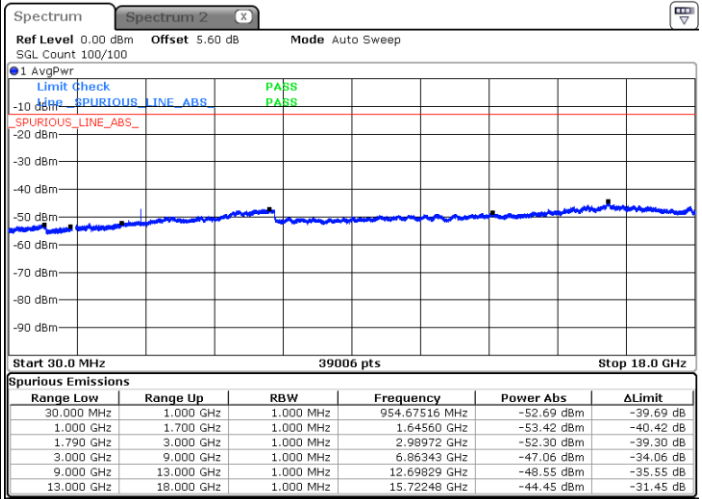
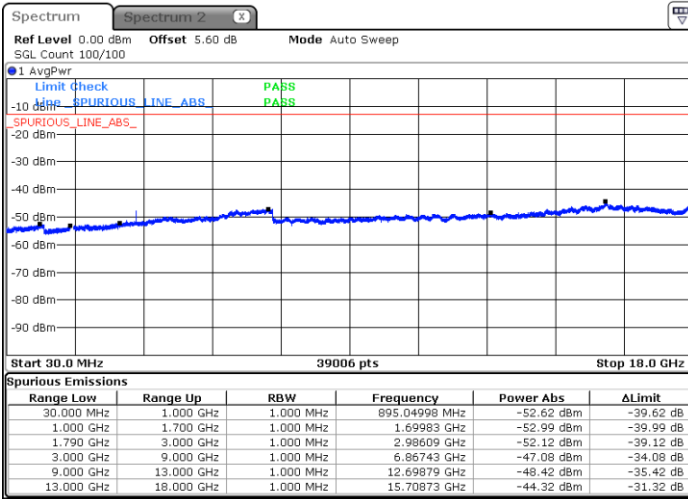


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

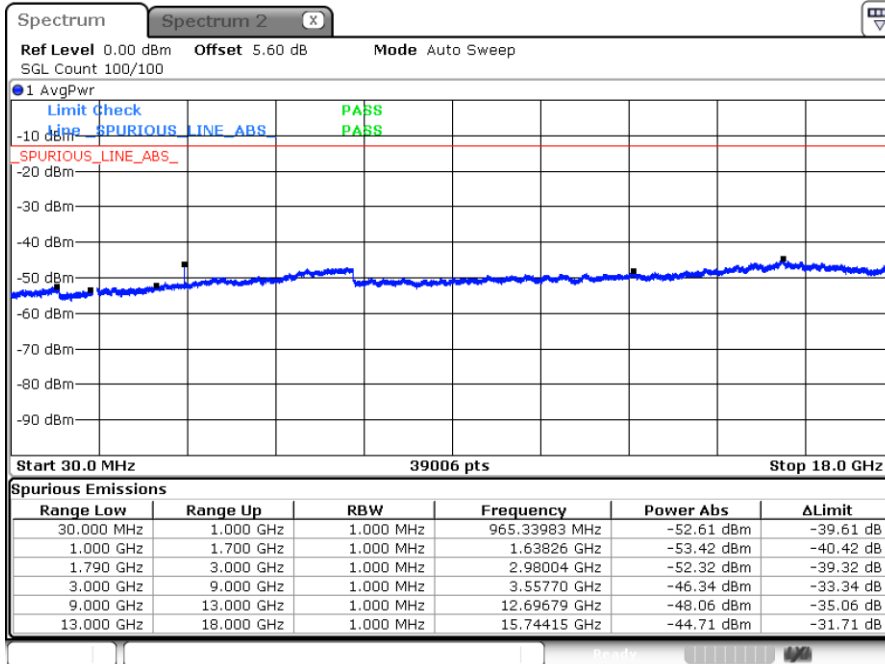
Middle Channel / QPSK



Date: 22.OCT.2023 22:37:37

Date: 22.OCT.2023 22:49:44

Highest Channel / QPSK



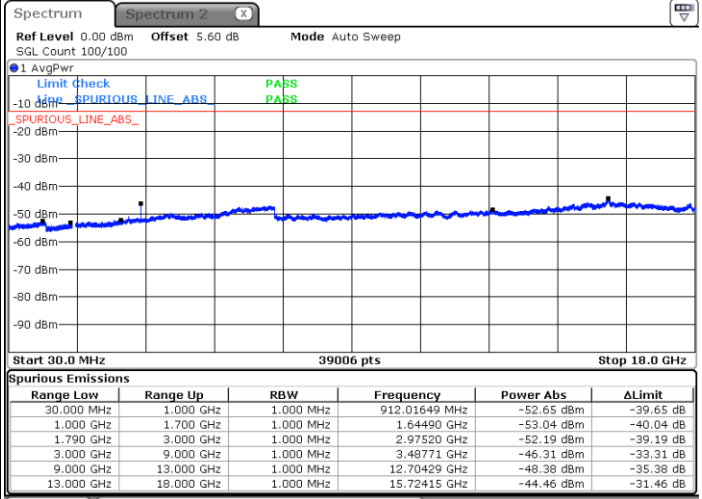
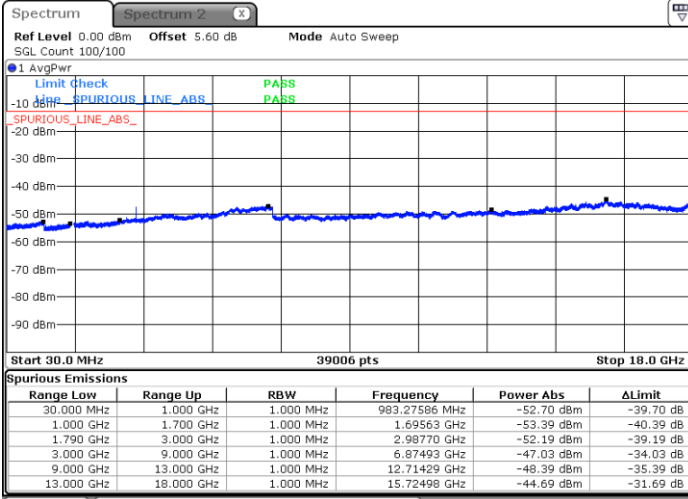
Date: 22.OCT.2023 22:51:06



LTE Band 66 / 3MHz

Lowest Channel / QPSK

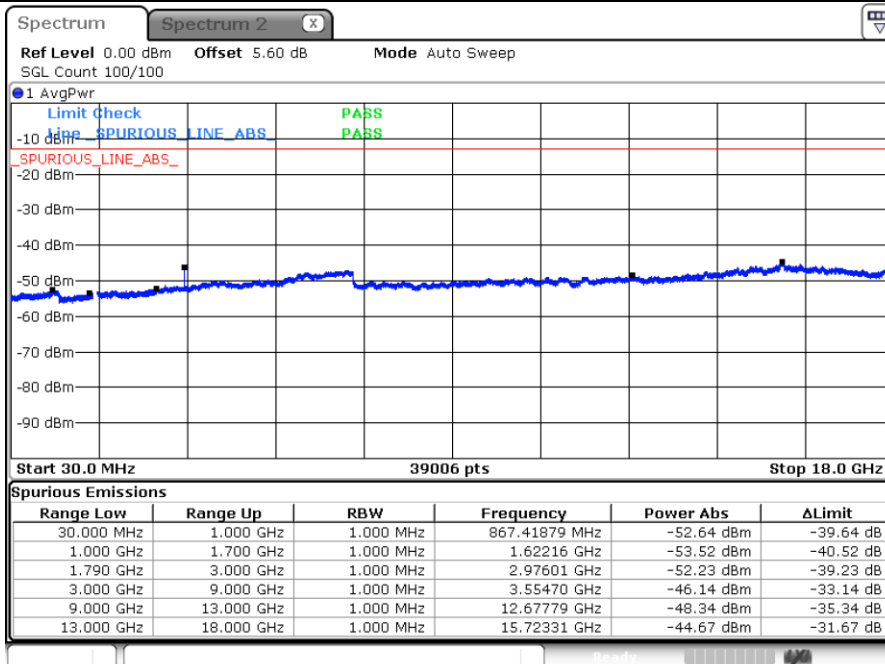
Middle Channel / QPSK



Date: 22.OCT.2023 23:04:21

Date: 22.OCT.2023 23:16:27

Highest Channel / QPSK



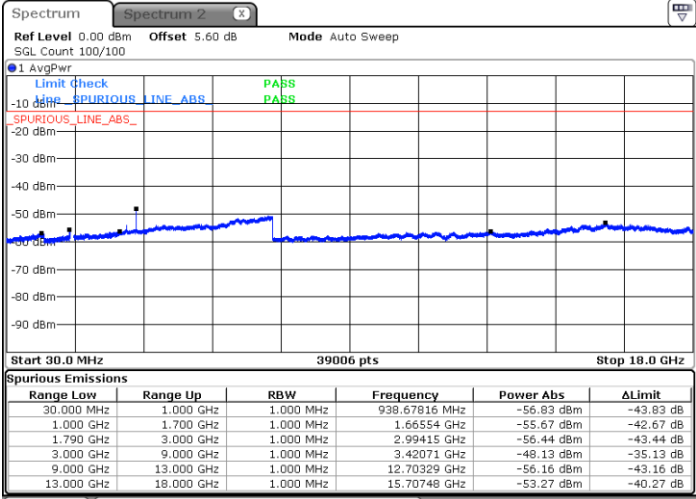
Date: 22.OCT.2023 23:17:50



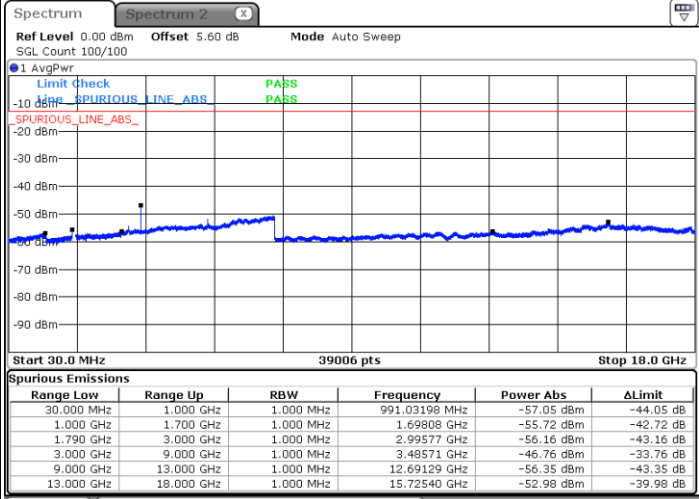
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

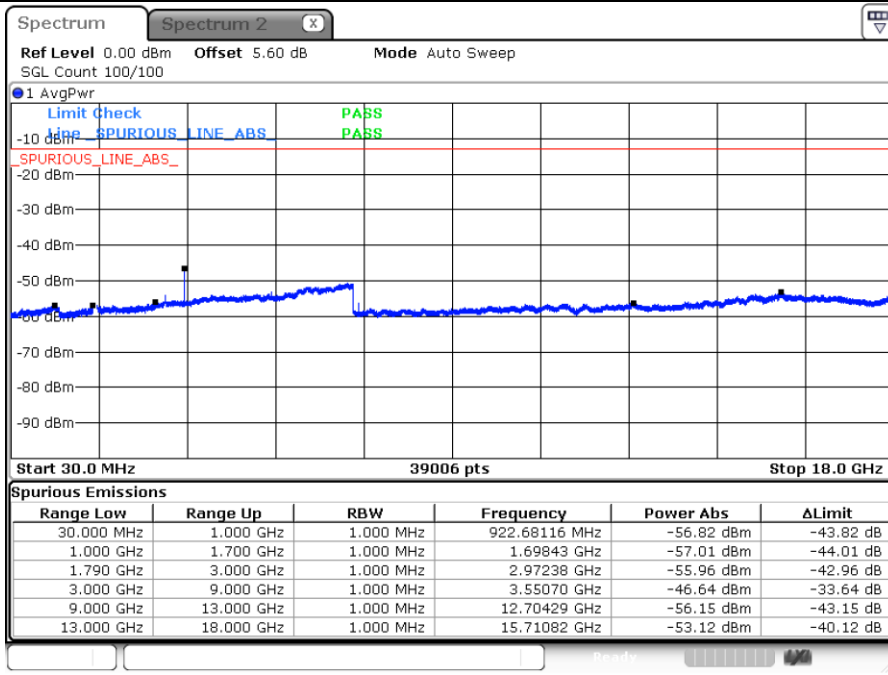


Date: 22.OCT.2023 23:36:22



Date: 22.OCT.2023 23:50:02

Highest Channel / QPSK



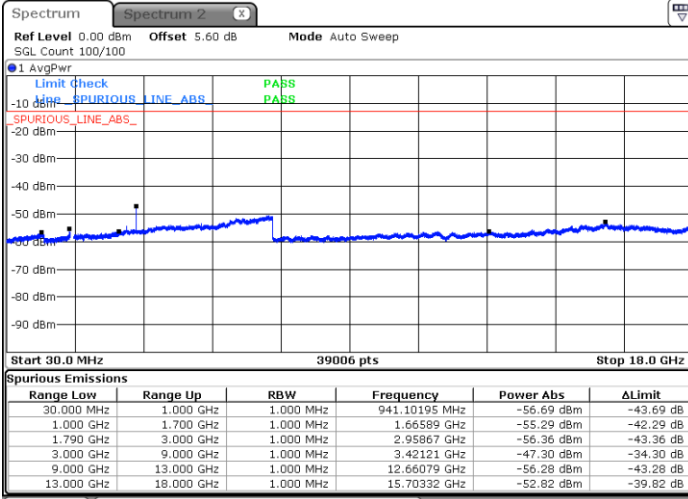
Date: 22.OCT.2023 23:51:24



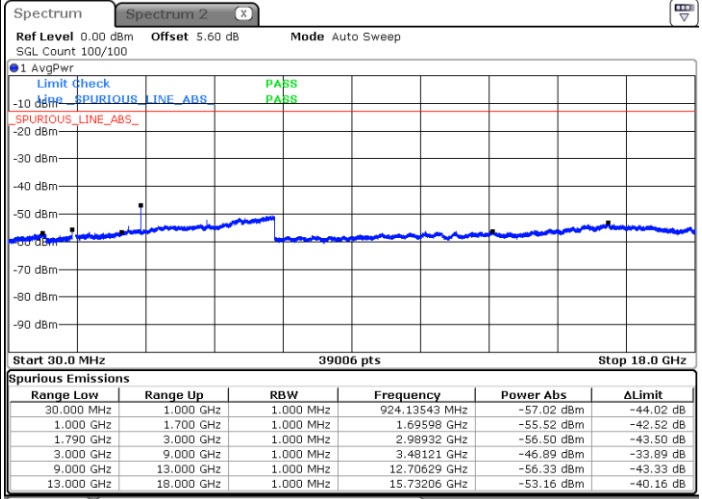
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

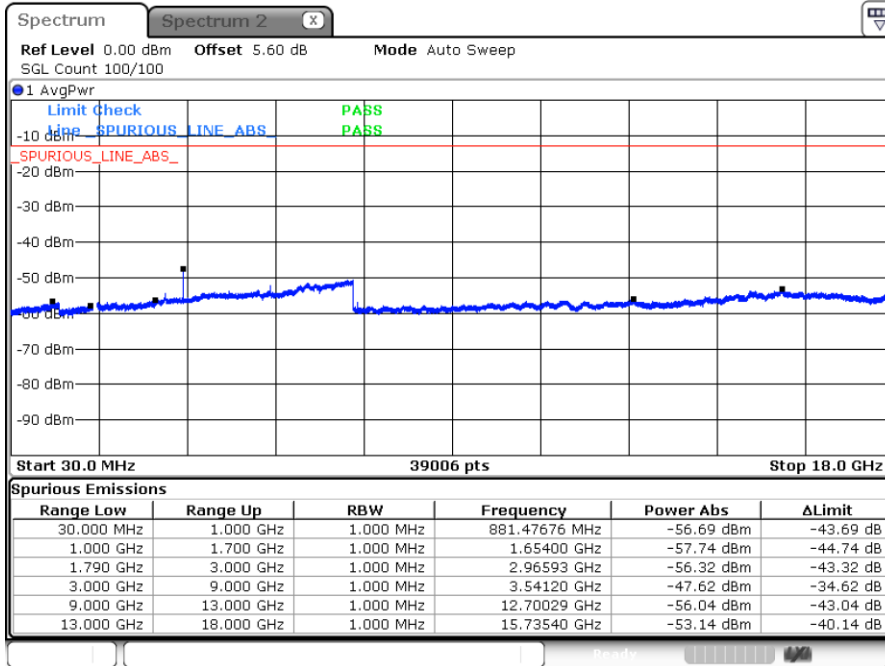


Date: 23.OCT.2023 00:36:19



Date: 23.OCT.2023 00:44:03

Highest Channel / QPSK



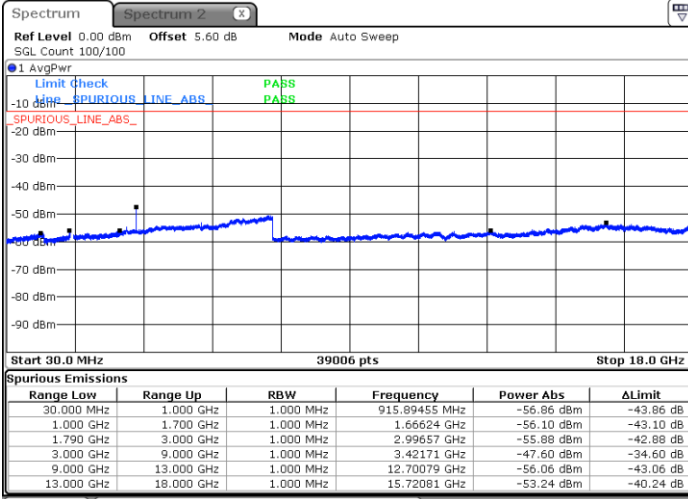
Date: 23.OCT.2023 00:45:26



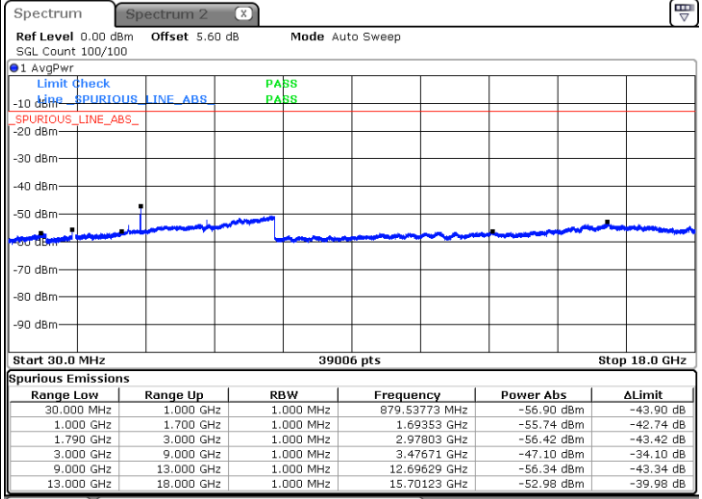
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

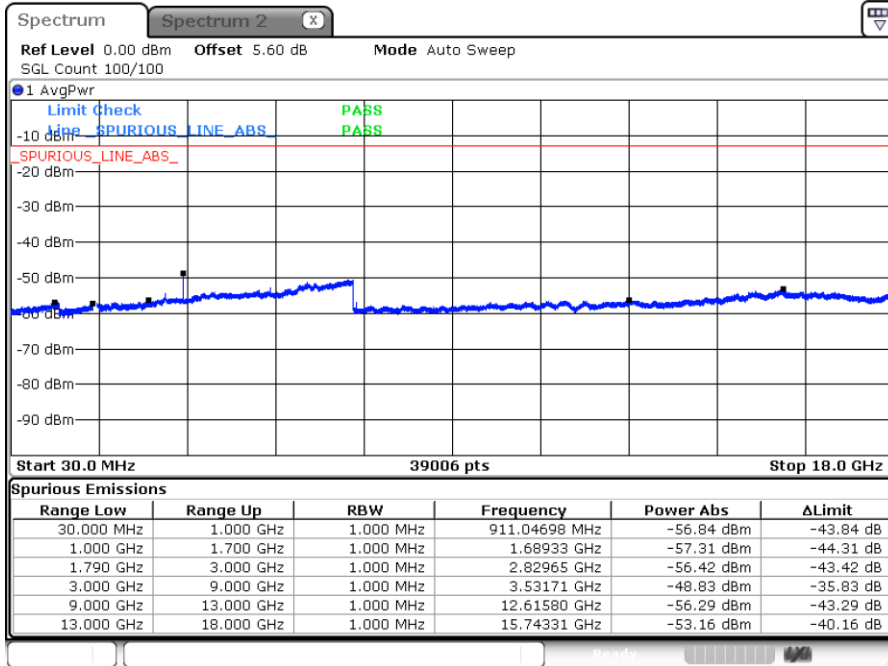


Date: 23.OCT.2023 00:55:31



Date: 23.OCT.2023 01:05:11

Highest Channel / QPSK



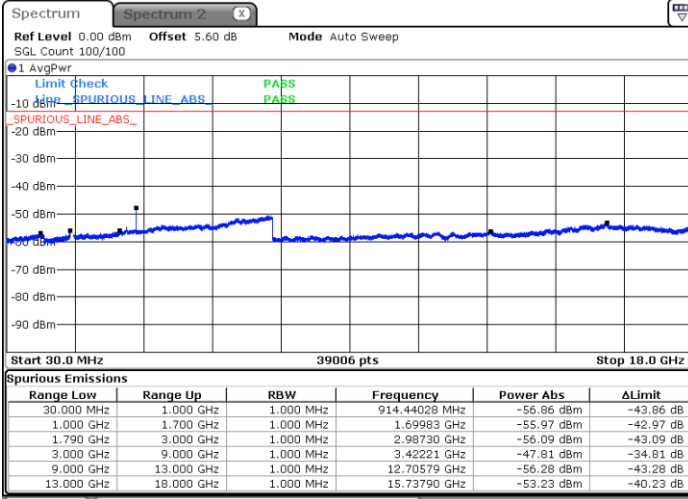
Date: 23.OCT.2023 01:06:33



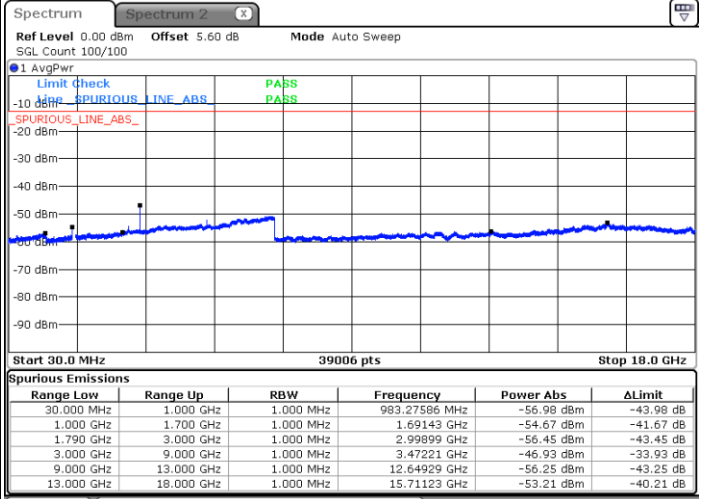
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

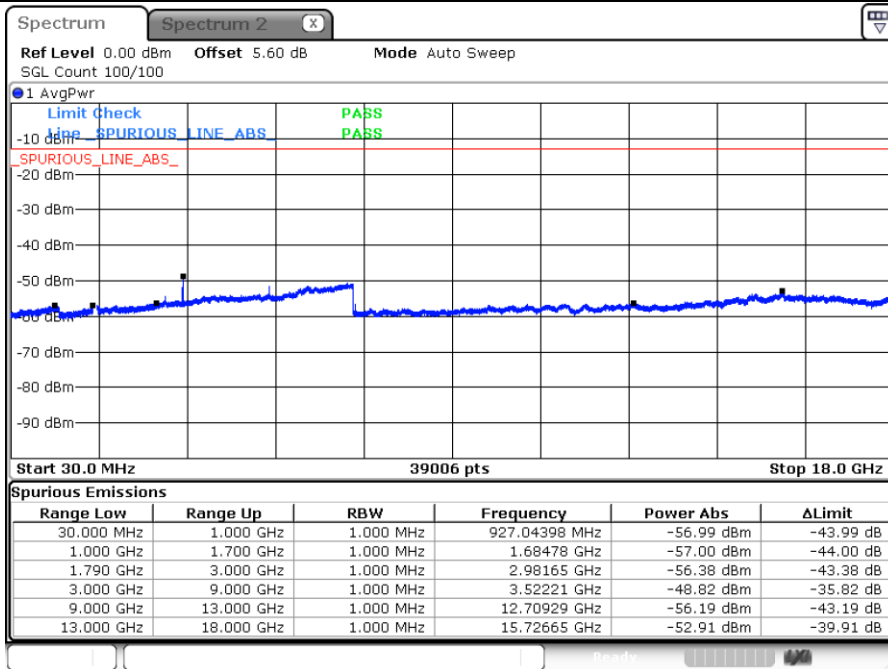


Date: 23.OCT.2023 01:13:24



Date: 23.OCT.2023 01:19:40

Highest Channel / QPSK



Date: 23.OCT.2023 01:21:03



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0058	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0044	

Note:

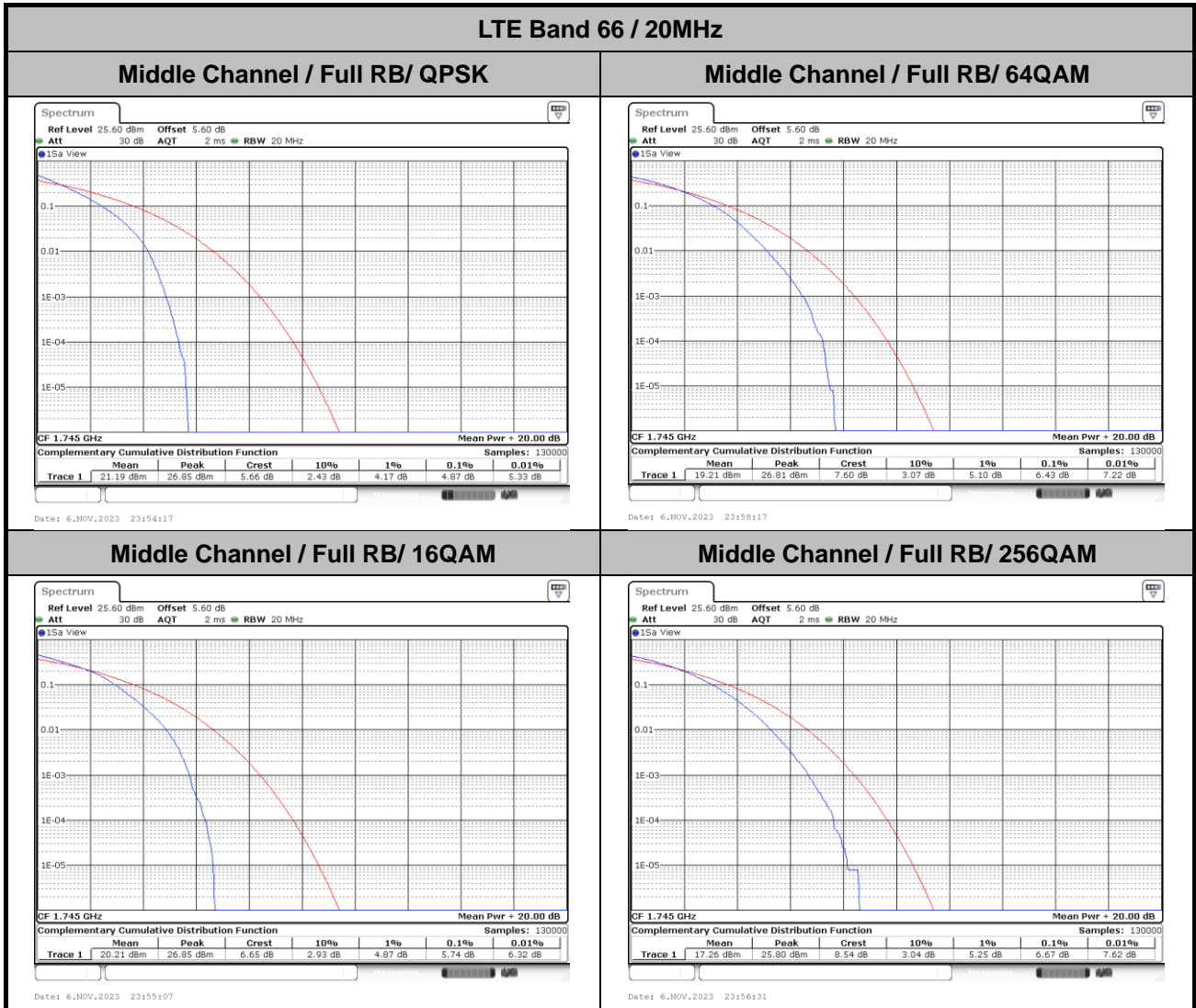
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66 (Other PA)

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.74	6.43	PASS
Mod.	256QAM	-	-	Limit: 13dB
RB Size	Full RB	-	-	Result
Middle CH	6.67	-	-	PASS





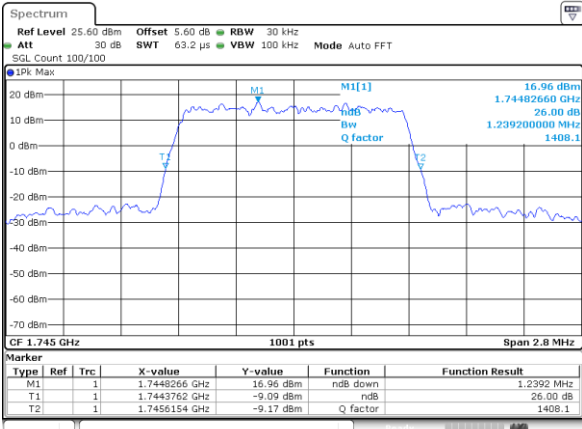
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.24	1.22
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.05	3.06
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.96	4.97
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.87	9.75
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.33	14.21
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	19.10



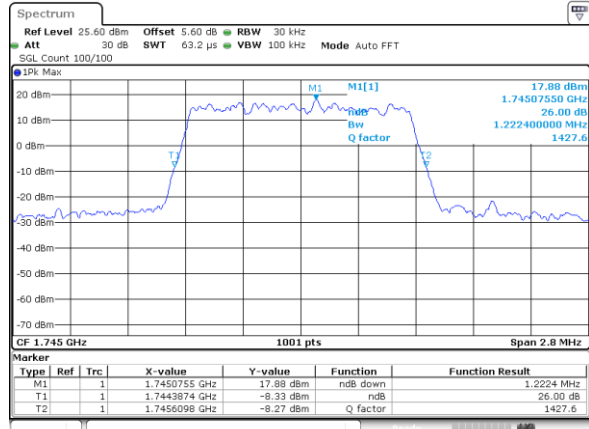
LTE Band 66

Middle Channel / 1.4MHz / QPSK



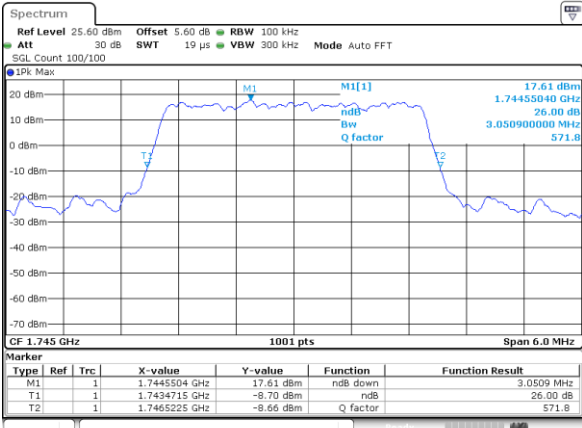
Date: 6,NOV,2023 21:48:14

Middle Channel / 1.4MHz / 16QAM



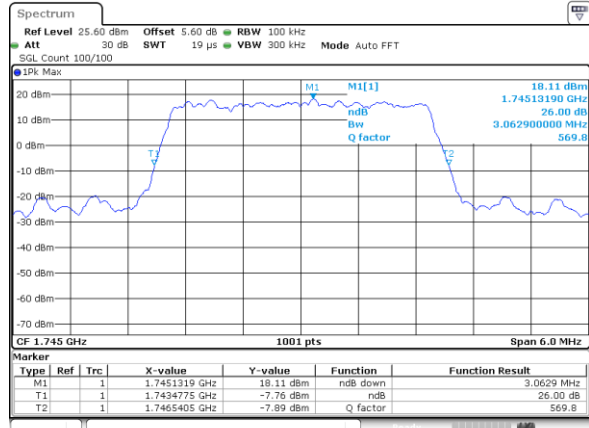
Date: 6,NOV,2023 21:49:33

Middle Channel / 3MHz / QPSK



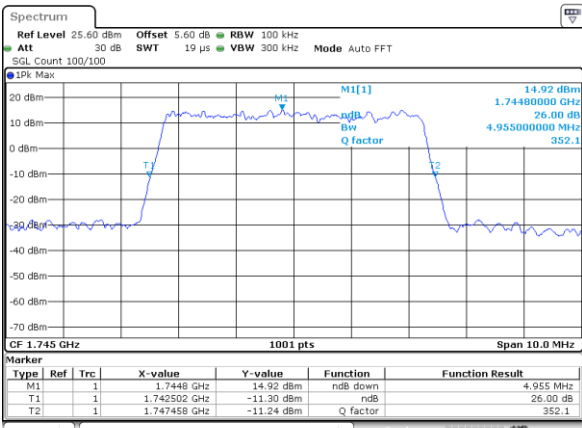
Date: 6,NOV,2023 21:53:44

Middle Channel / 3MHz / 16QAM



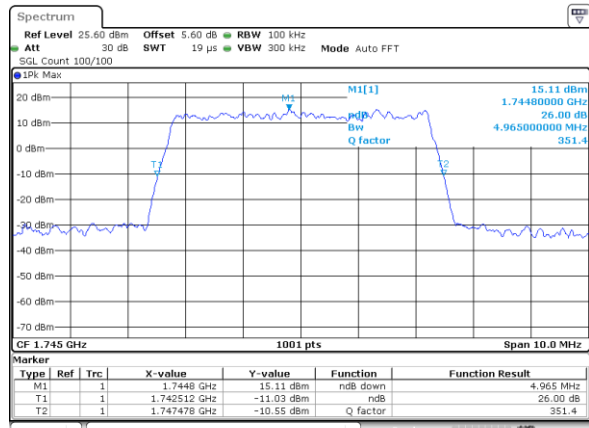
Date: 6,NOV,2023 21:54:25

Middle Channel / 5MHz / QPSK



Date: 6,NOV,2023 21:56:41

Middle Channel / 5MHz / 16QAM

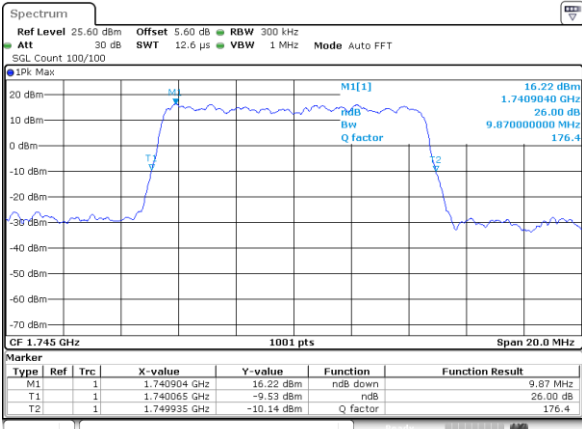


Date: 6,NOV,2023 21:57:24



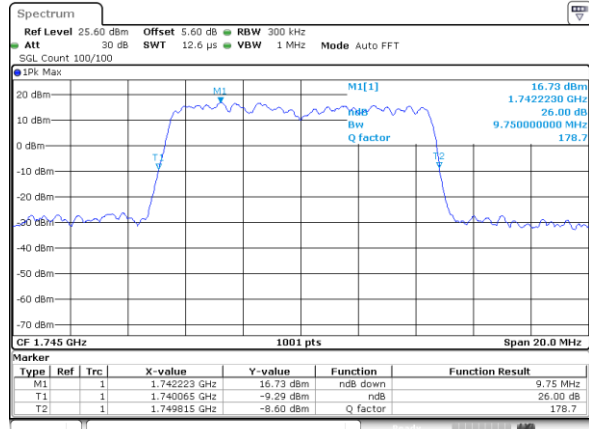
LTE Band 66

Middle Channel / 10MHz / QPSK



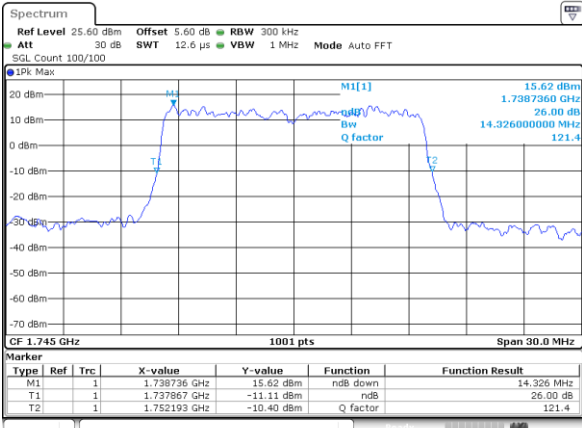
Date: 6,NOV,2023 22:00:40

Middle Channel / 10MHz / 16QAM



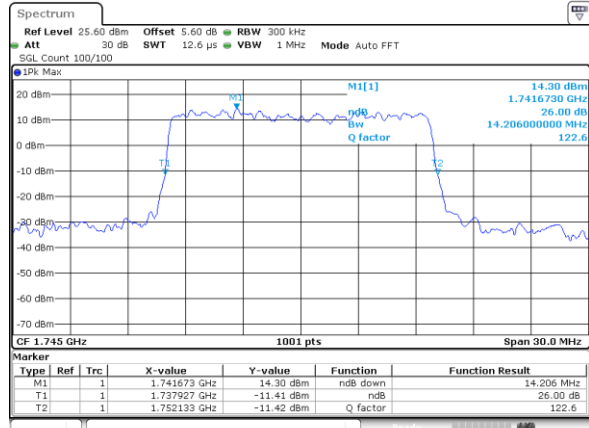
Date: 6,NOV,2023 21:59:36

Middle Channel / 15MHz / QPSK



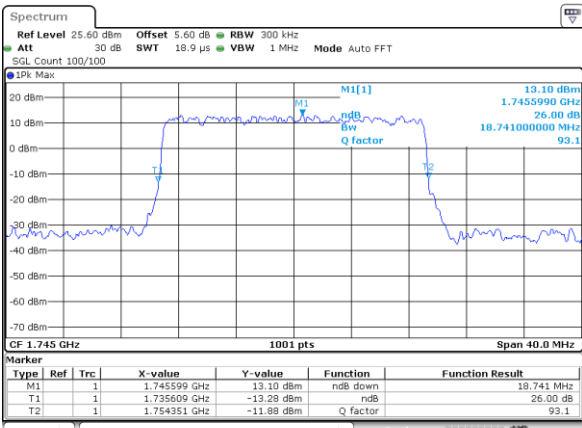
Date: 6,NOV,2023 22:59:00

Middle Channel / 15MHz / 16QAM



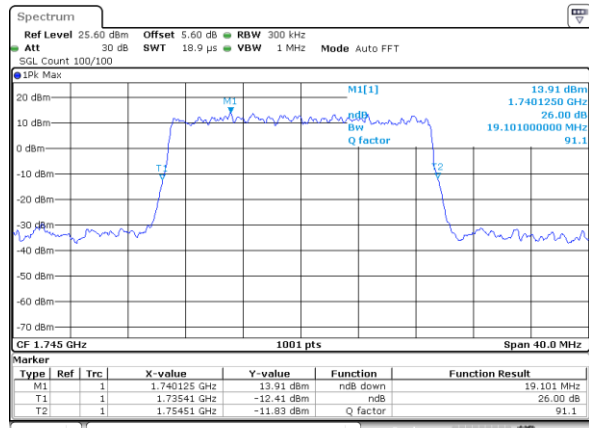
Date: 6,NOV,2023 23:01:39

Middle Channel / 20MHz / QPSK



Date: 6,NOV,2023 23:46:10

Middle Channel / 20MHz / 16QAM



Date: 6,NOV,2023 23:45:39



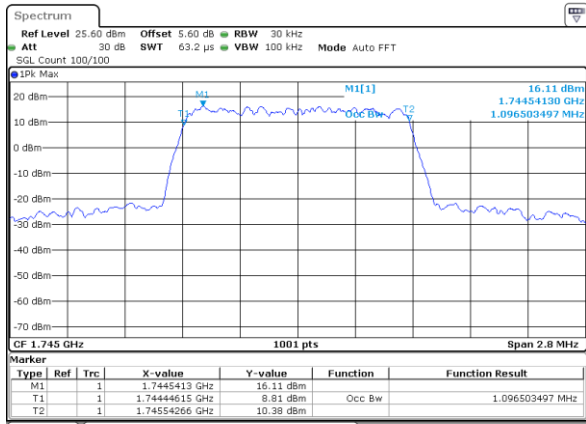
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.10	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.72	2.72
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.51	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.09
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.94



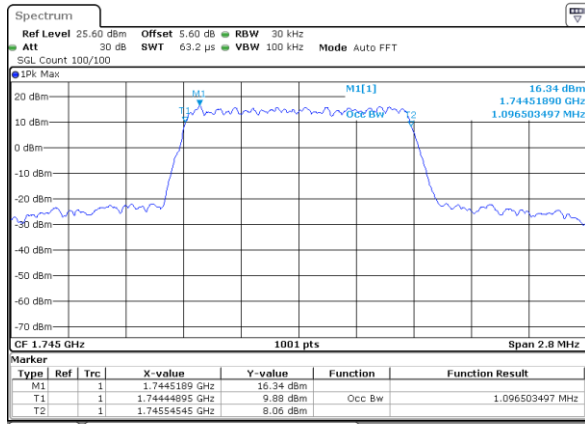
LTE Band 66

Middle Channel / 1.4MHz / QPSK



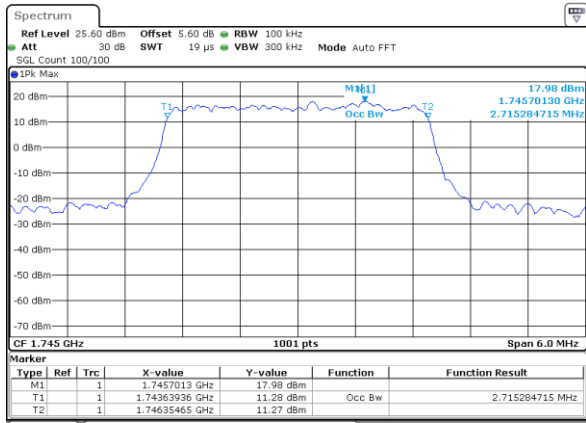
Date: 6,NOV,2023 21:48:03

Middle Channel / 1.4MHz / 16QAM



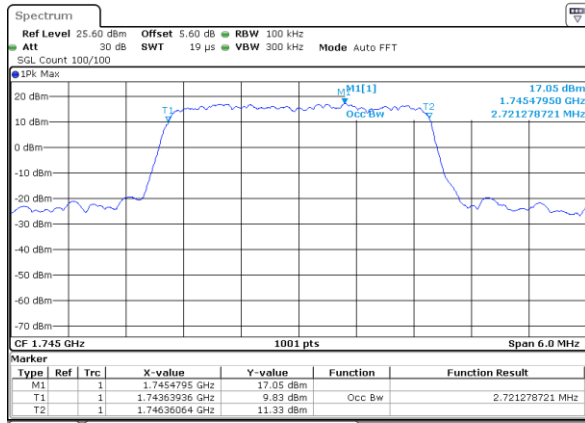
Date: 6,NOV,2023 21:48:29

Middle Channel / 3MHz / QPSK



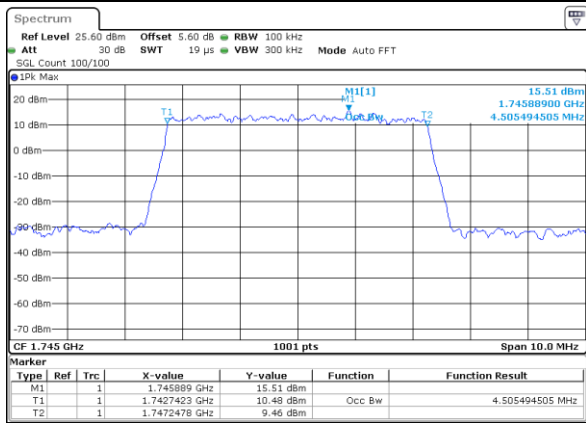
Date: 6,NOV,2023 21:53:30

Middle Channel / 3MHz / 16QAM



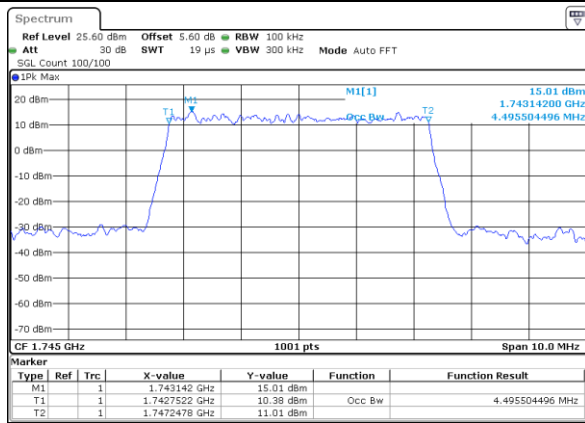
Date: 6,NOV,2023 21:54:11

Middle Channel / 5MHz / QPSK



Date: 6,NOV,2023 21:55:10

Middle Channel / 5MHz / 16QAM

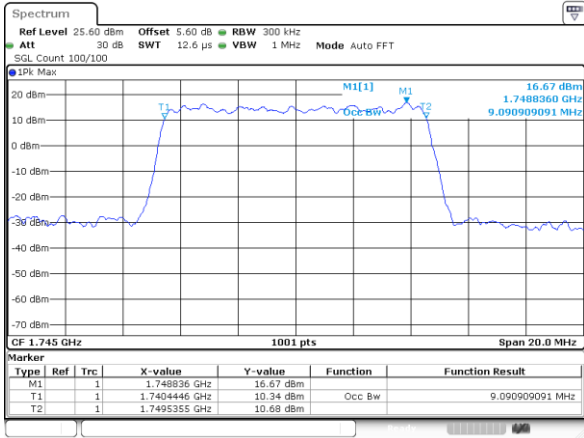


Date: 6,NOV,2023 21:56:58



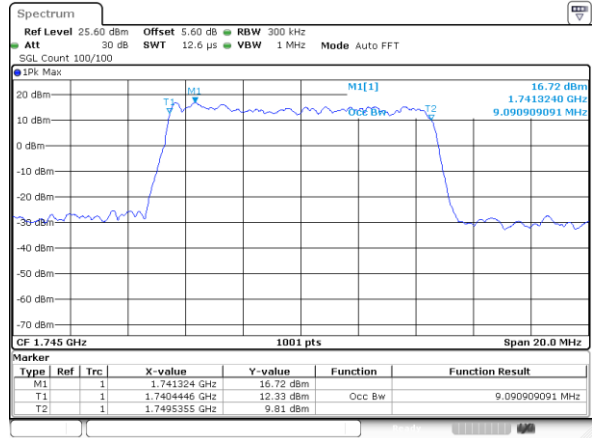
LTE Band 66

Middle Channel / 10MHz / QPSK



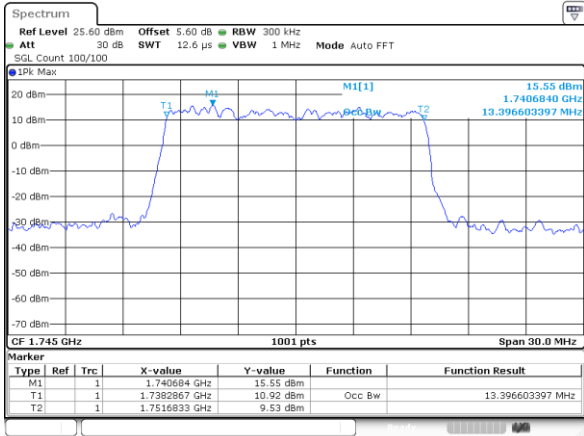
Date: 6,NOV,2023 22:00:02

Middle Channel / 10MHz / 16QAM



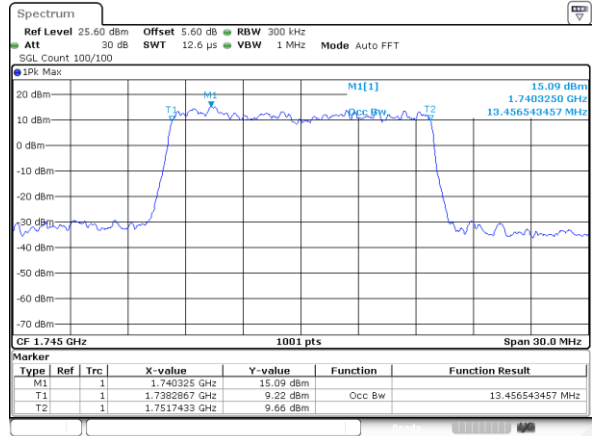
Date: 6,NOV,2023 21:57:53

Middle Channel / 15MHz / QPSK



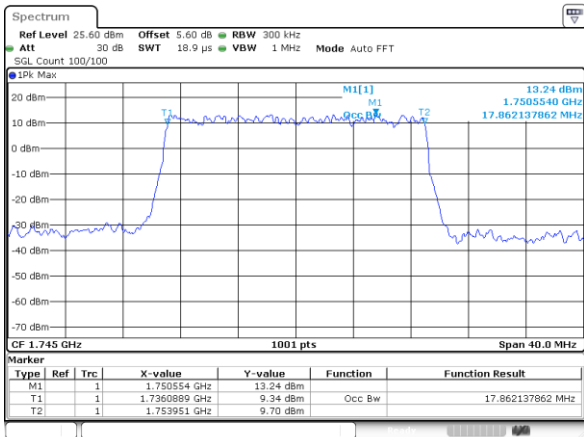
Date: 6,NOV,2023 22:58:36

Middle Channel / 15MHz / 16QAM



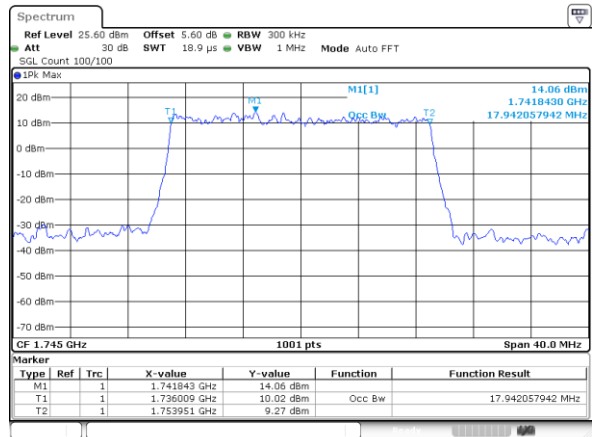
Date: 6,NOV,2023 22:59:25

Middle Channel / 20MHz / QPSK



Date: 6,NOV,2023 23:46:01

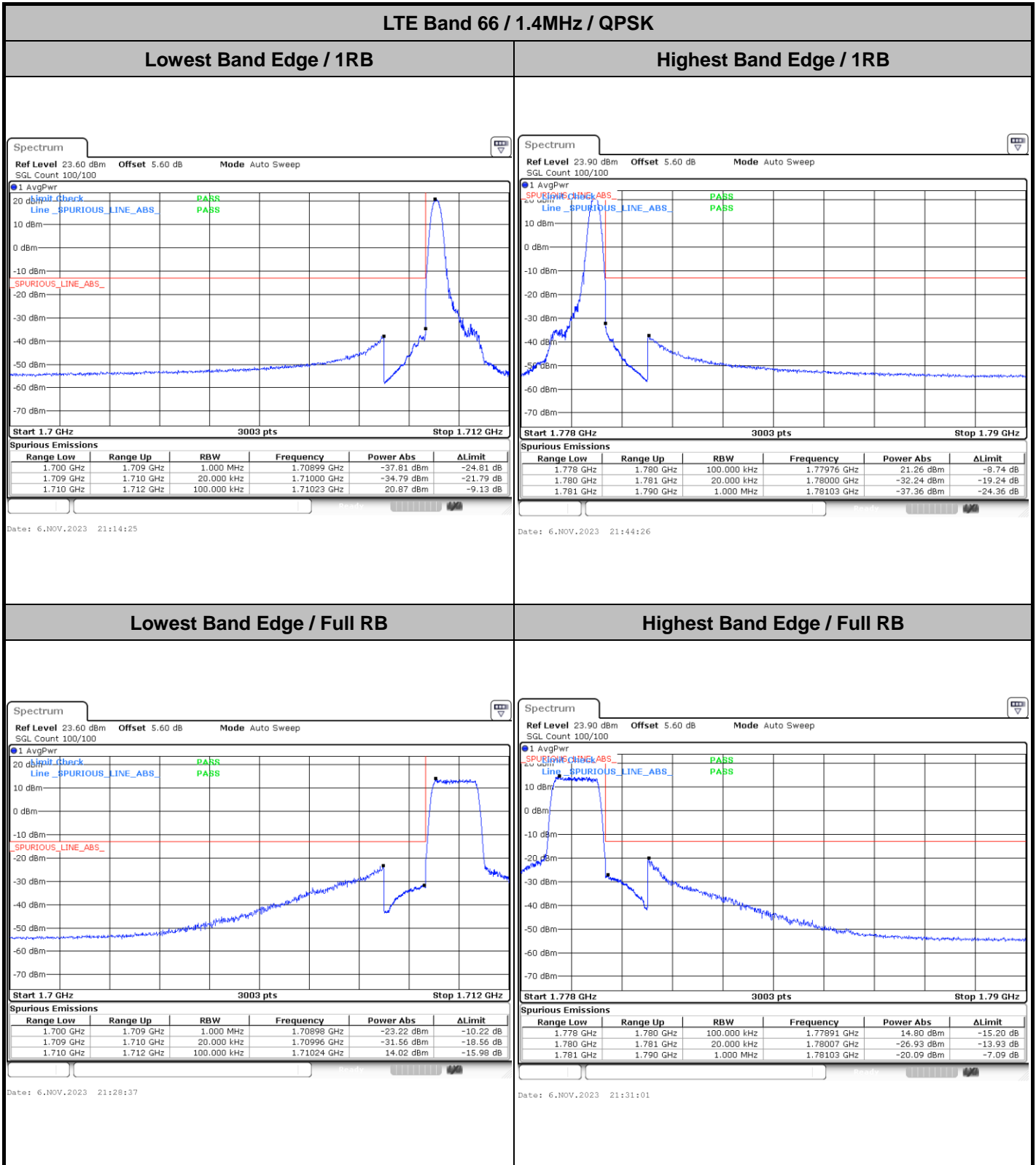
Middle Channel / 20MHz / 16QAM



Date: 6,NOV,2023 23:45:10



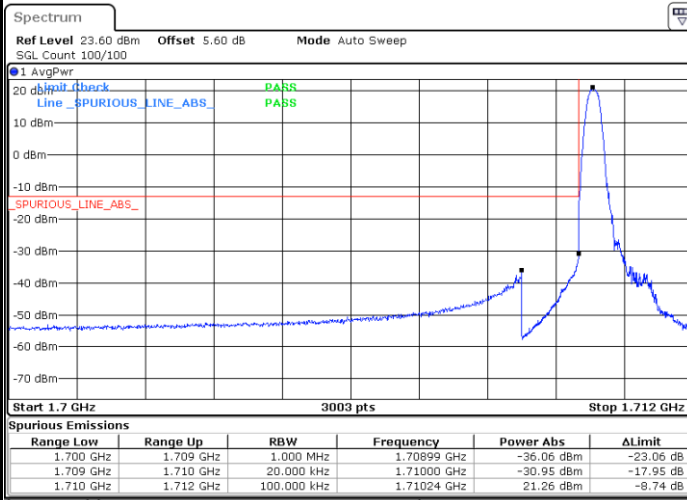
Conducted Band Edge





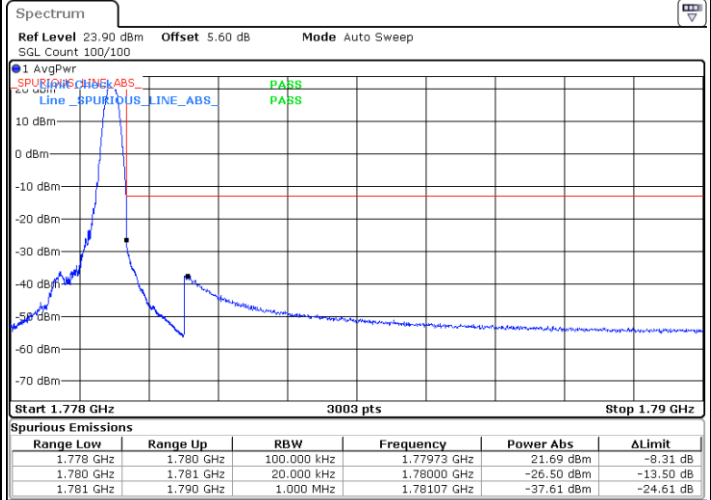
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



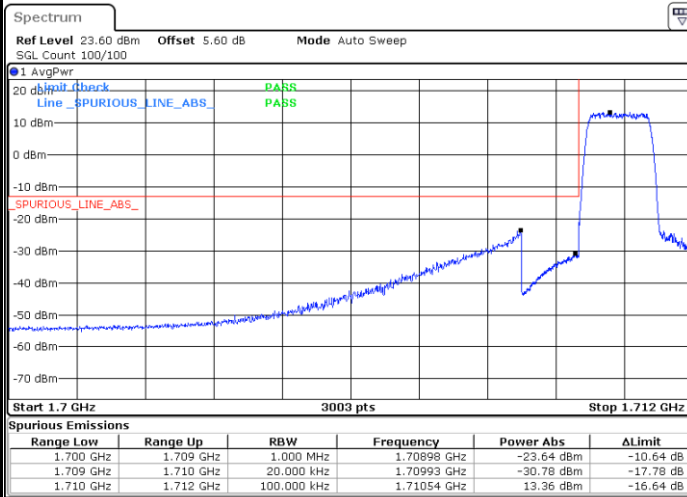
Date: 6.NOV.2023 21:16:00

Highest Band Edge / 1 RB



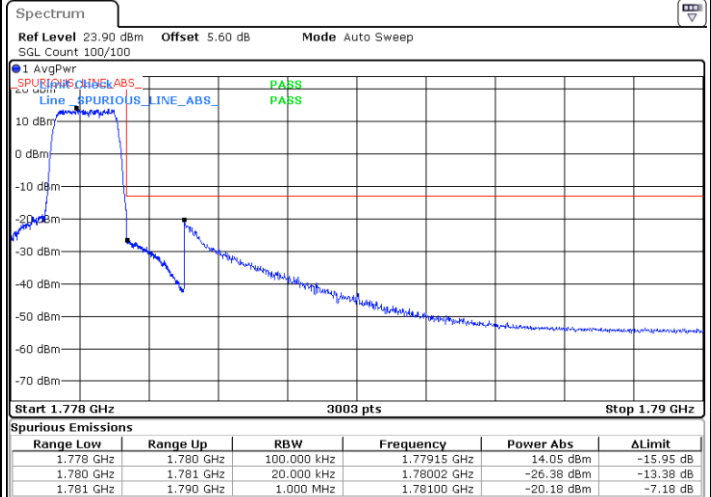
Date: 6.NOV.2023 21:42:50

Lowest Band Edge / Full RB



Date: 6.NOV.2023 21:27:04

Highest Band Edge / Full RB

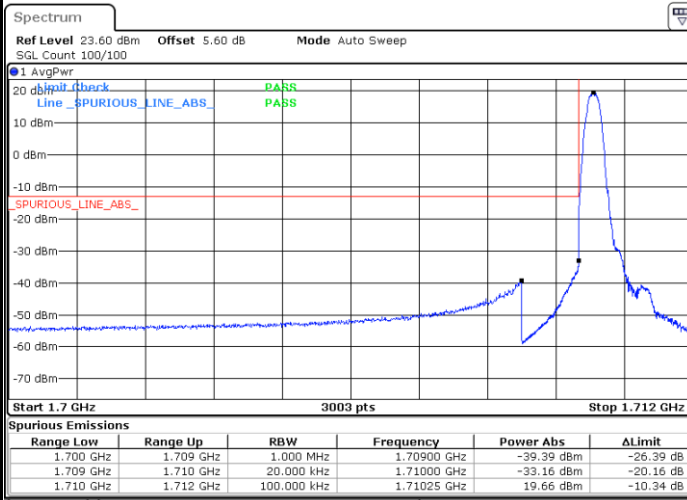


Date: 6.NOV.2023 21:32:29



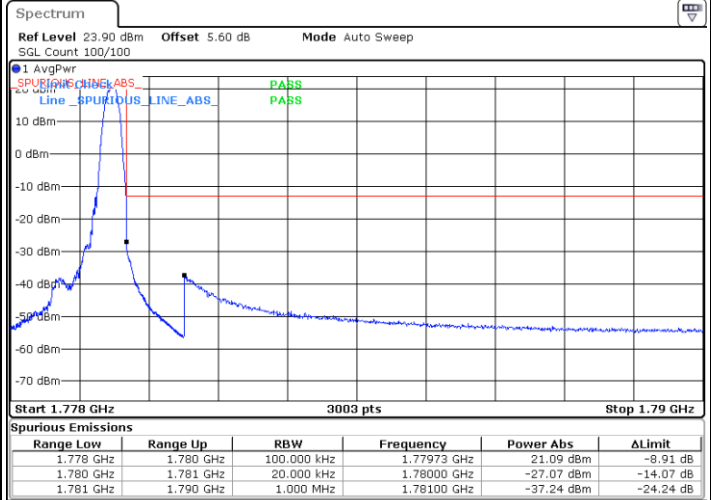
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



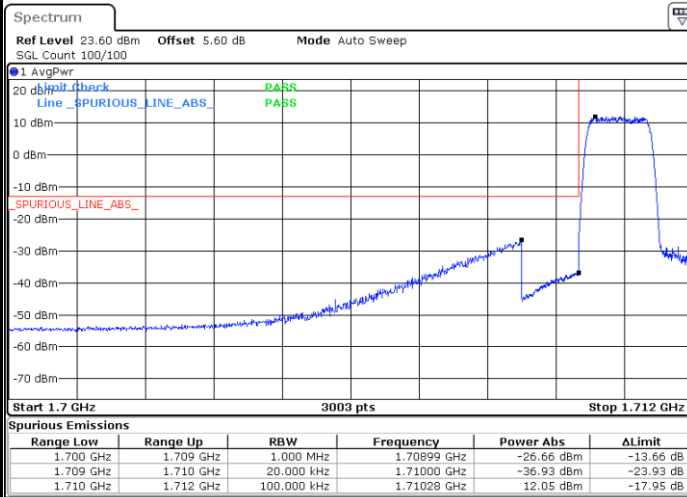
Date: 6.NOV.2023 21:20:34

Highest Band Edge / 1 RB



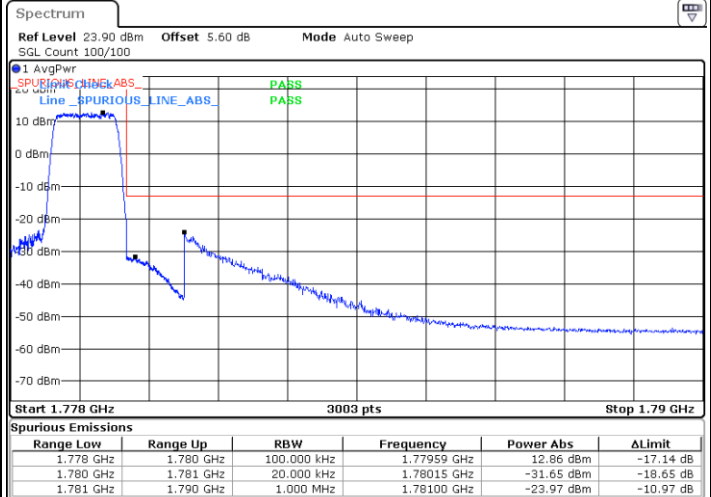
Date: 6.NOV.2023 21:39:32

Lowest Band Edge / Full RB



Date: 6.NOV.2023 21:25:25

Highest Band Edge / Full RB



Date: 6.NOV.2023 21:37:28