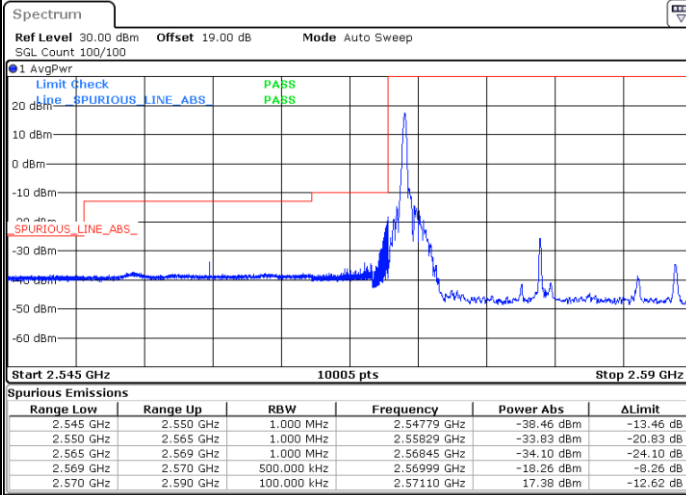




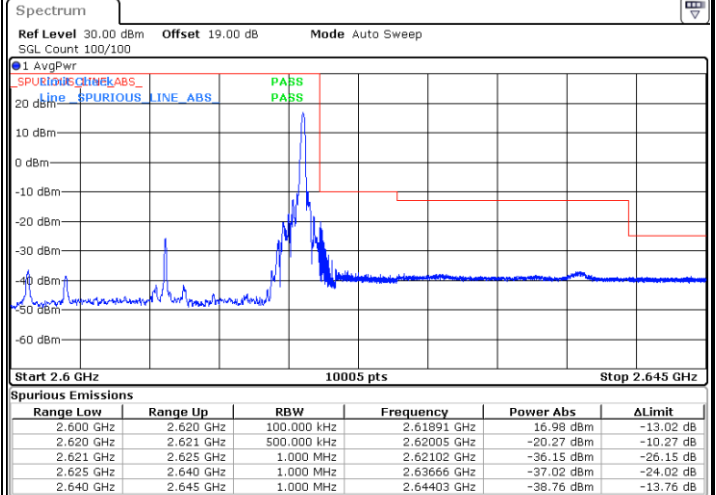
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1RB



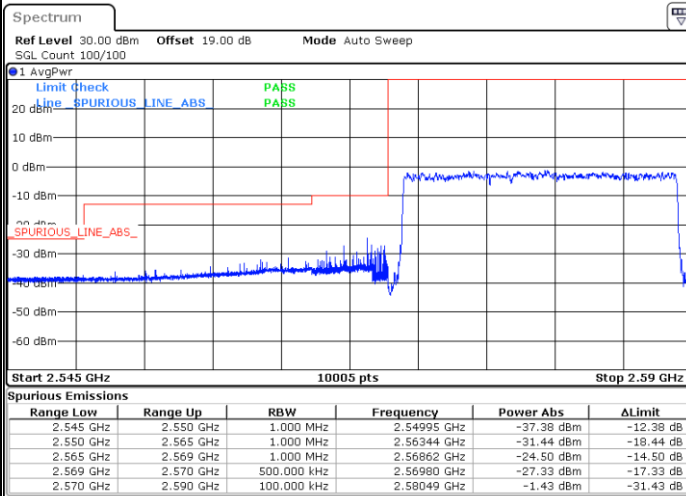
Date: 28.OCT.2023 01:44:54

Highest Band Edge / 1 RB



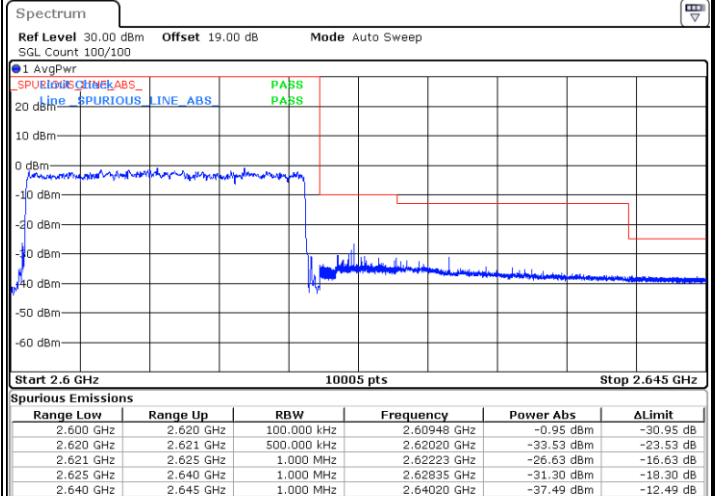
Date: 28.OCT.2023 01:52:45

Lowest Band Edge / Full RB



Date: 28.OCT.2023 01:46:24

Highest Band Edge / Full RB



Date: 28.OCT.2023 01:54:18

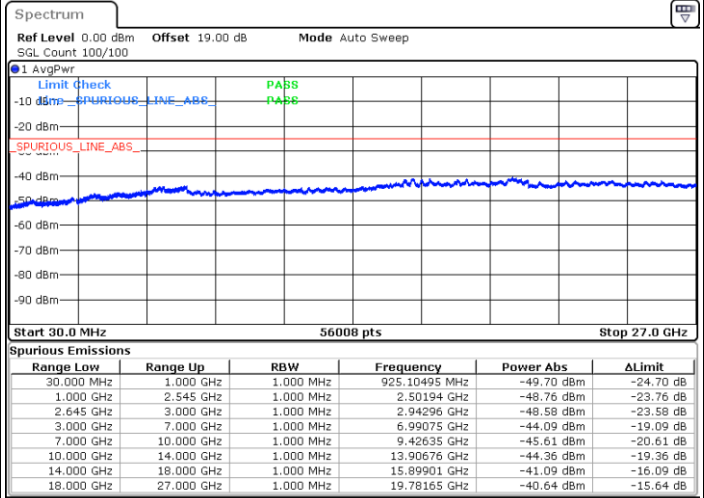
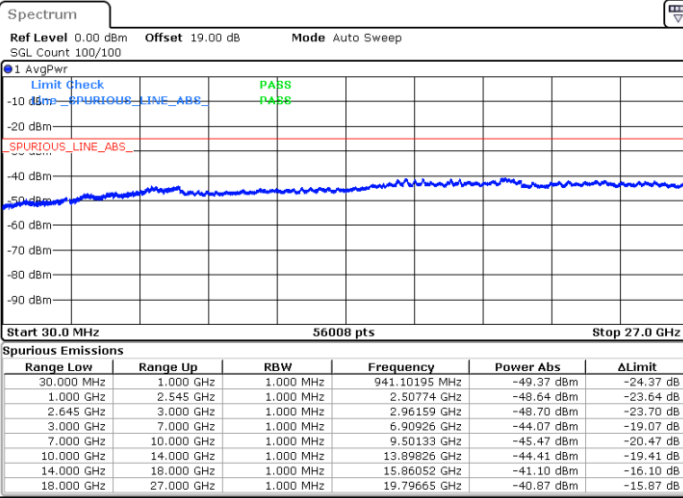


Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

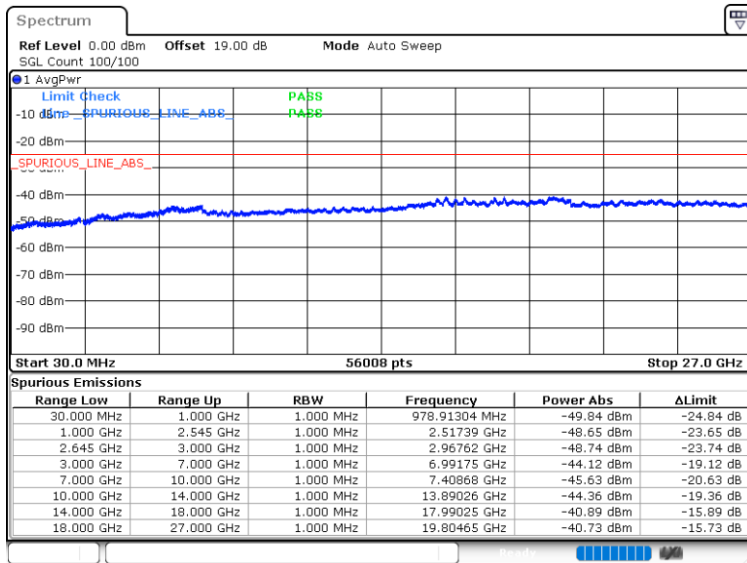
Middle Channel / QPSK



Date: 8.NOV.2023 09:52:54

Date: 8.NOV.2023 09:54:51

Highest Channel / QPSK



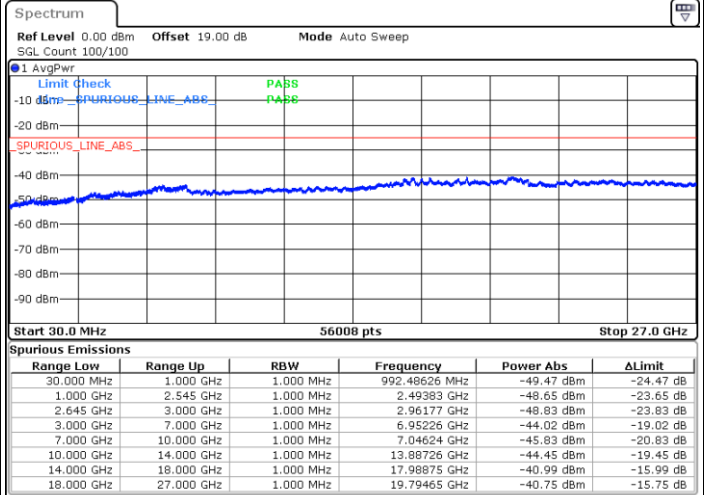
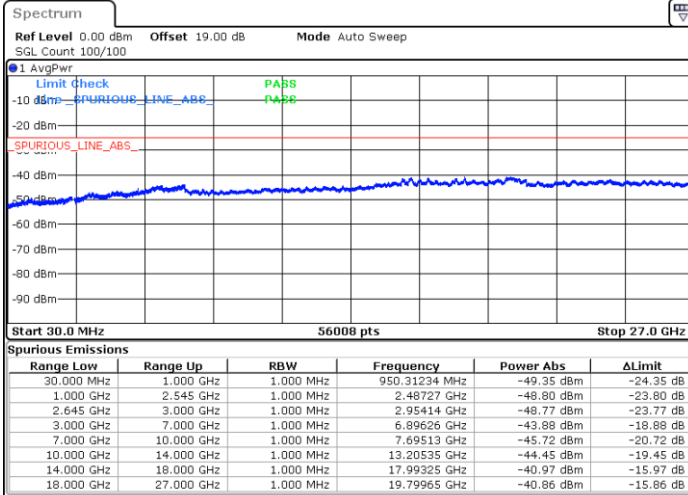
Date: 8.NOV.2023 09:55:59



LTE Band 38 / 10MHz

Lowest Channel / QPSK

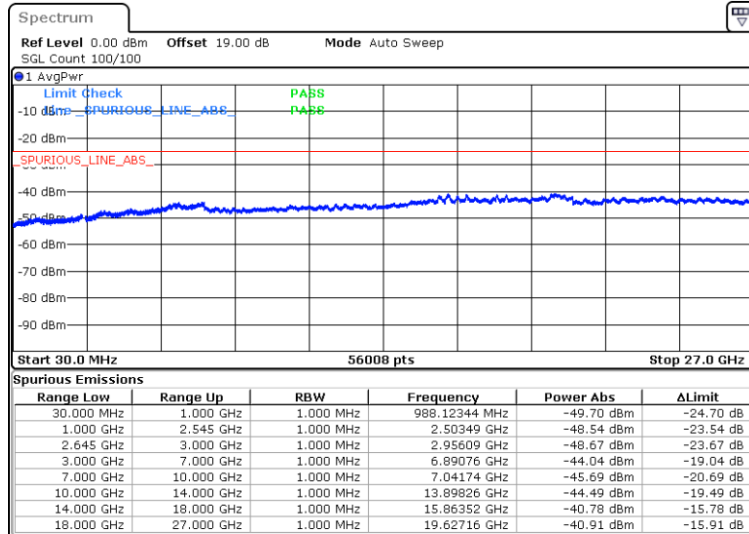
Middle Channel / QPSK



Date: 8.NOV.2023 10:06:07

Date: 8.NOV.2023 10:07:14

Highest Channel / QPSK



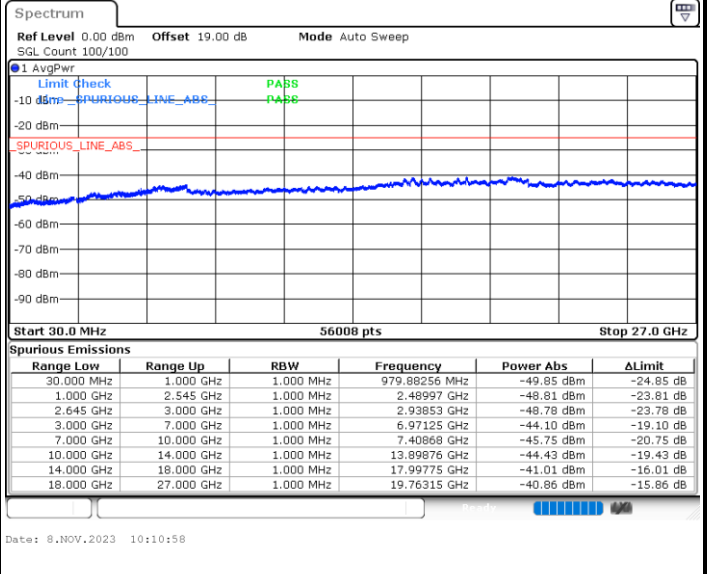
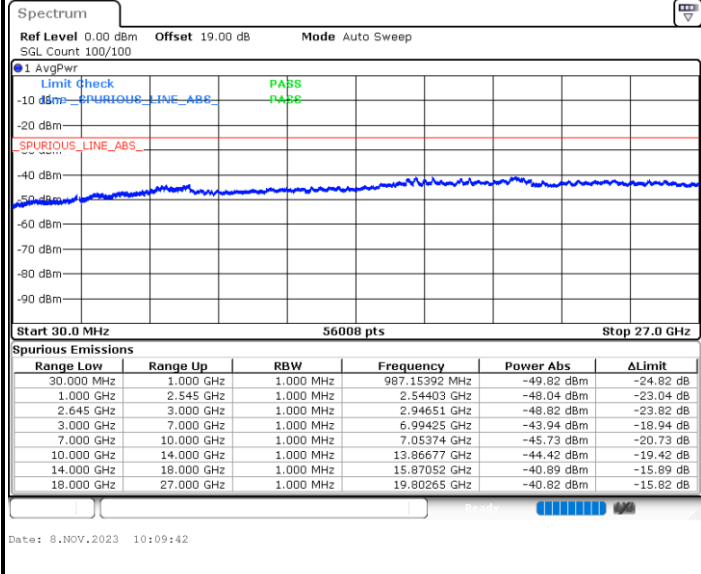
Date: 8.NOV.2023 10:08:20



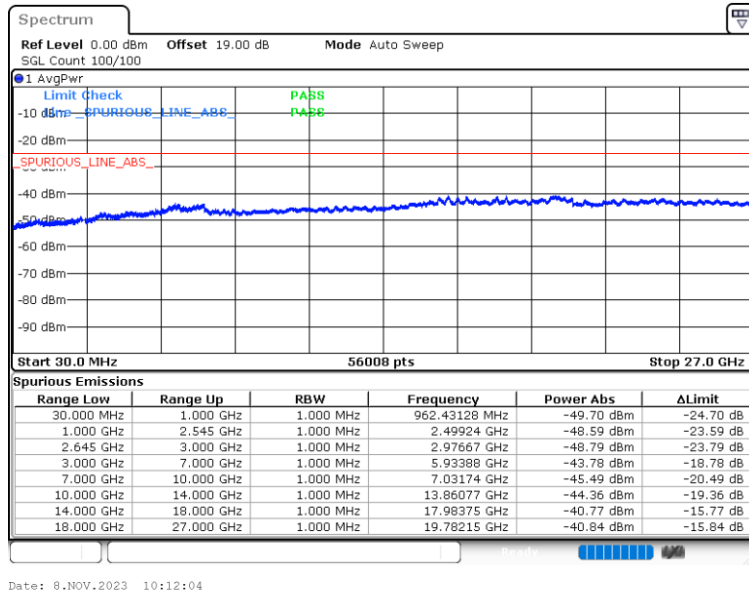
LTE Band 38 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

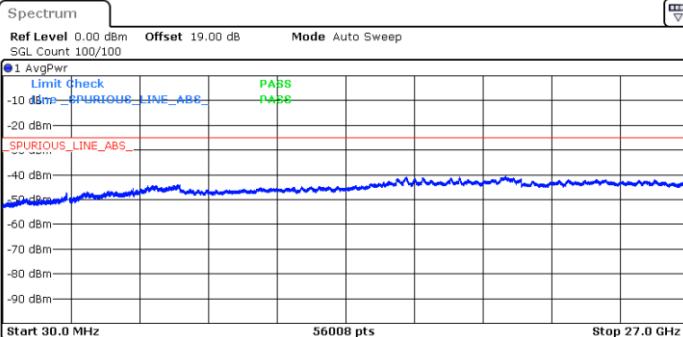




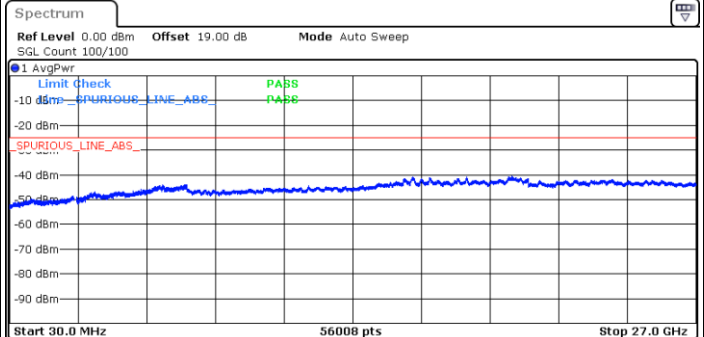
LTE Band 38 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-49.63 dBm	-24.63 dB
1.000 GHz	2.545 GHz	1.000 MHz	2.53631 GHz	-47.13 dBm	-22.13 dB
2.645 GHz	3.000 GHz	1.000 MHz	2.97206 GHz	-48.42 dBm	-23.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91226 GHz	-44.01 dBm	-19.01 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.41118 GHz	-45.79 dBm	-20.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89526 GHz	-44.34 dBm	-19.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.99675 GHz	-40.95 dBm	-15.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79015 GHz	-40.63 dBm	-15.63 dB

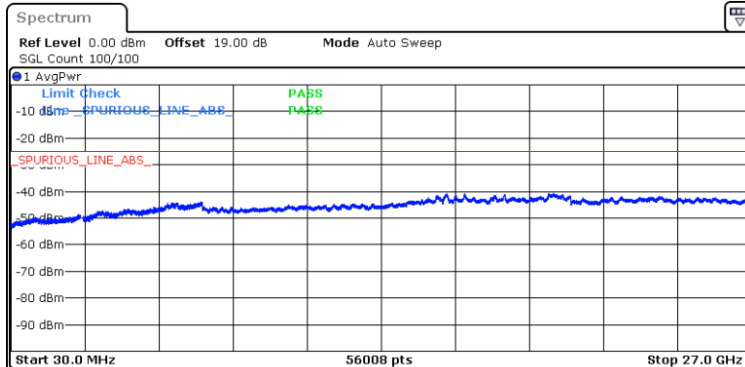


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.74813 MHz	-49.74 dBm	-24.74 dB
1.000 GHz	2.545 GHz	1.000 MHz	2.50619 GHz	-48.70 dBm	-23.70 dB
2.645 GHz	3.000 GHz	1.000 MHz	2.96425 GHz	-48.73 dBm	-23.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-43.85 dBm	-18.85 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05174 GHz	-45.76 dBm	-20.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90676 GHz	-44.23 dBm	-19.23 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.98975 GHz	-40.67 dBm	-15.67 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77815 GHz	-40.67 dBm	-15.67 dB

Date: 8.NOV.2023 10:13:44

Date: 8.NOV.2023 10:15:07

Highest Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-49.75 dBm	-24.75 dB
1.000 GHz	2.545 GHz	1.000 MHz	2.49422 GHz	-48.67 dBm	-23.67 dB
2.645 GHz	3.000 GHz	1.000 MHz	2.93551 GHz	-48.62 dBm	-23.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91576 GHz	-43.86 dBm	-18.86 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.72213 GHz	-45.83 dBm	-20.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89576 GHz	-44.23 dBm	-19.23 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.53993 GHz	-40.74 dBm	-15.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.77515 GHz	-40.82 dBm	-15.82 dB

Date: 8.NOV.2023 10:16:18



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

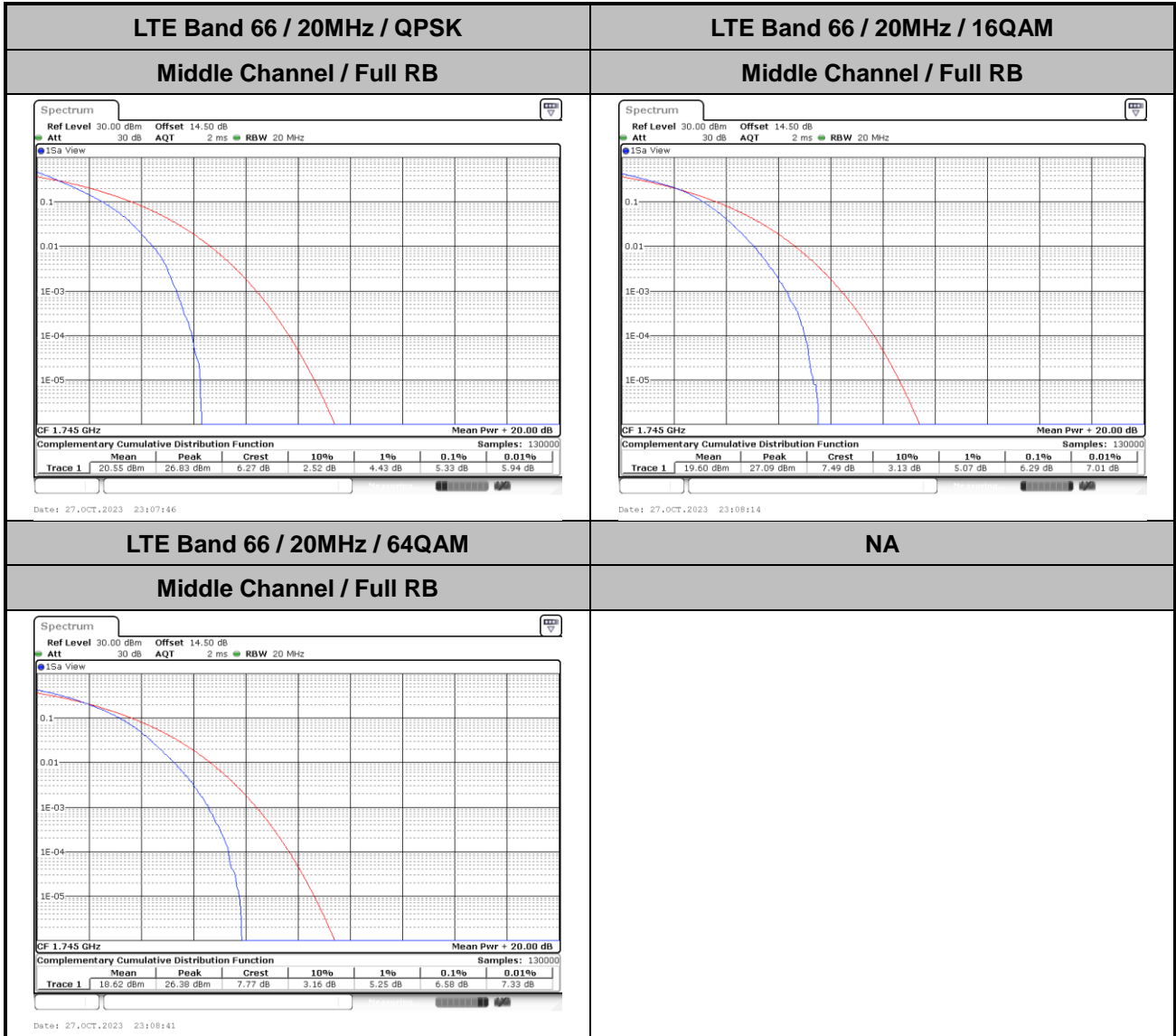
1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

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	5.33	6.29	6.58	PASS





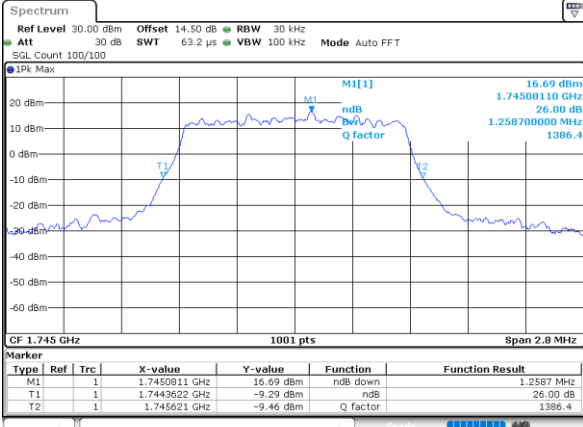
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.26	1.27	2.95	2.96	5.11	4.90	9.85	9.95	14.48	14.48	19.14	19.06



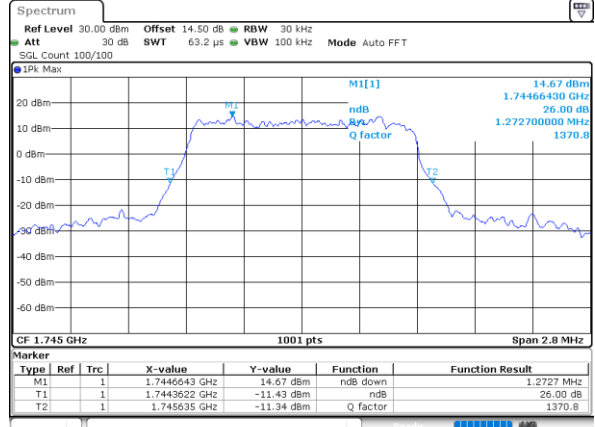
LTE Band 66

Middle Channel / 1.4MHz / QPSK



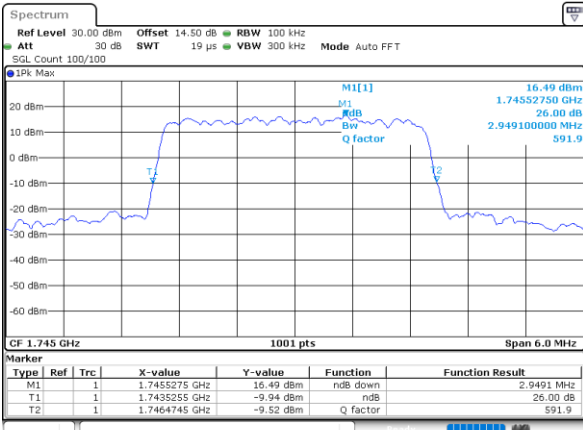
Date: 27.OCT.2023 21:42:14

Middle Channel / 1.4MHz / 16QAM



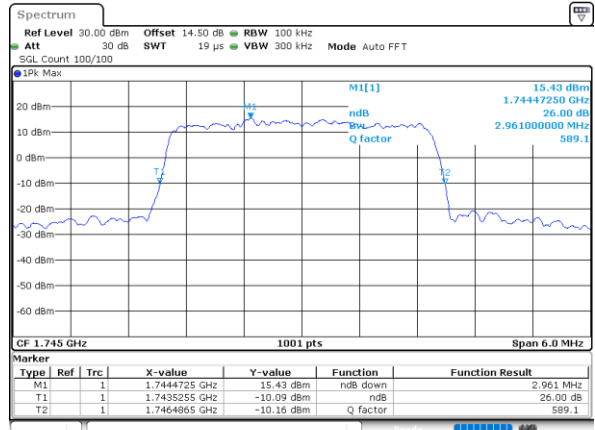
Date: 27.OCT.2023 21:46:50

Middle Channel / 3MHz / QPSK



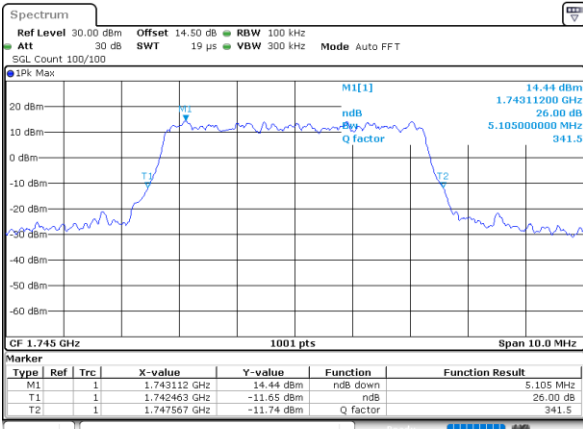
Date: 27.OCT.2023 21:53:55

Middle Channel / 3MHz / 16QAM



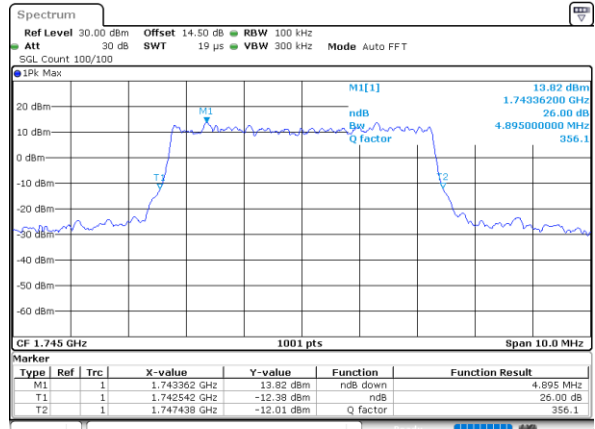
Date: 27.OCT.2023 22:02:25

Middle Channel / 5MHz / QPSK



Date: 27.OCT.2023 22:14:19

Middle Channel / 5MHz / 16QAM

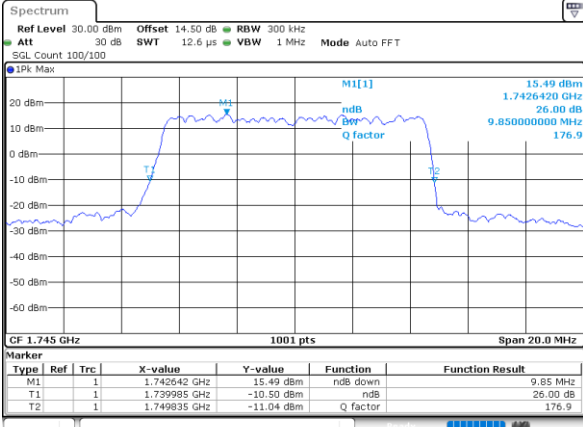


Date: 27.OCT.2023 22:22:54



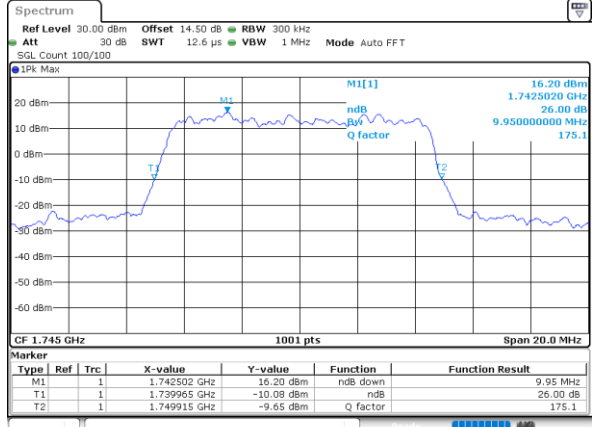
LTE Band 66

Middle Channel / 10MHz / QPSK



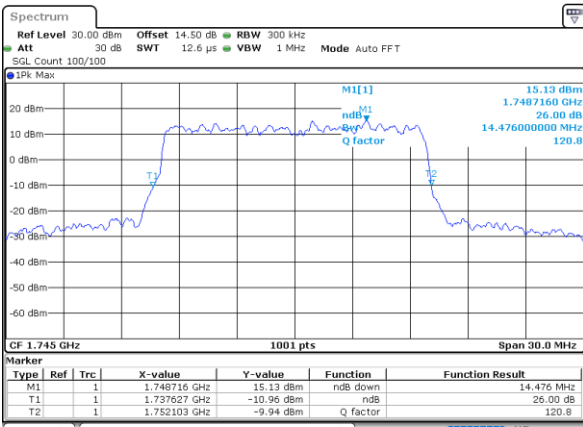
Date: 27.OCT.2023 22:45:06

Middle Channel / 10MHz / 16QAM



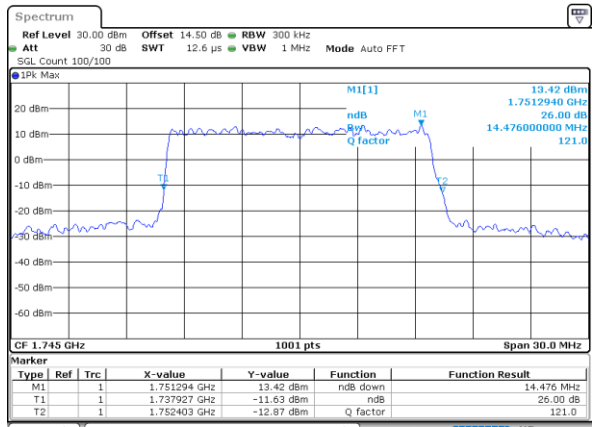
Date: 27.OCT.2023 22:53:36

Middle Channel / 15MHz / QPSK



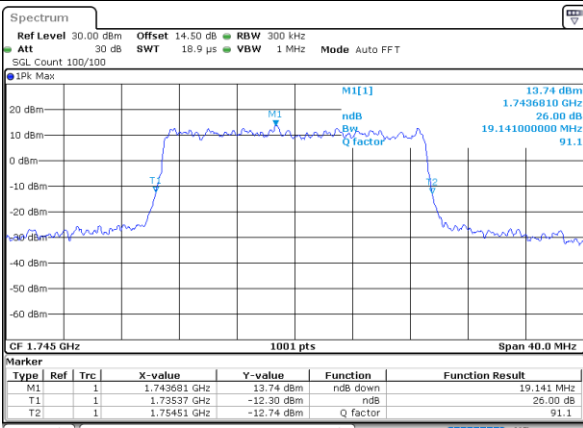
Date: 27.OCT.2023 22:55:03

Middle Channel / 15MHz / 16QAM



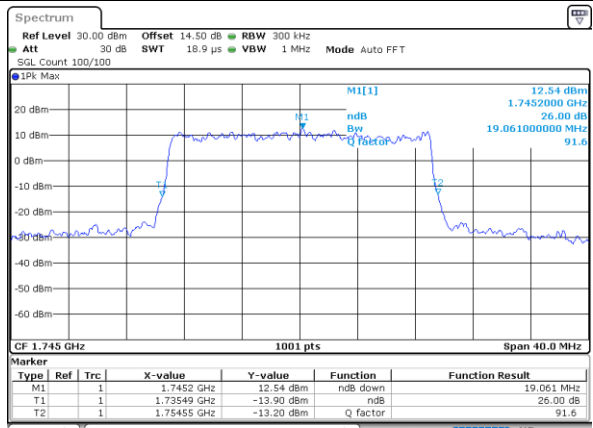
Date: 27.OCT.2023 23:04:23

Middle Channel / 20MHz / QPSK



Date: 27.OCT.2023 23:06:39

Middle Channel / 20MHz / 16QAM



Date: 27.OCT.2023 23:07:19



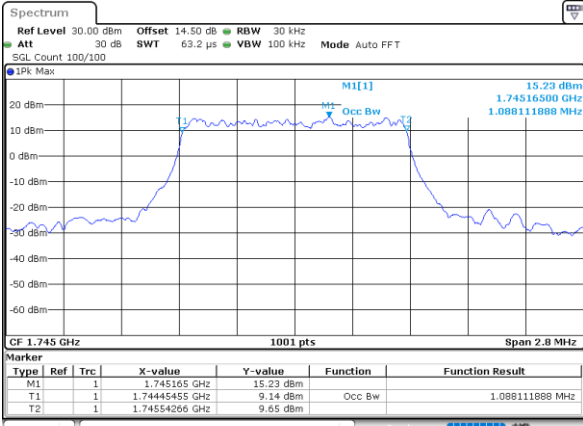
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
	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	2.71	2.73	4.52	4.47	9.07	9.05	13.43	13.43	17.94	17.90



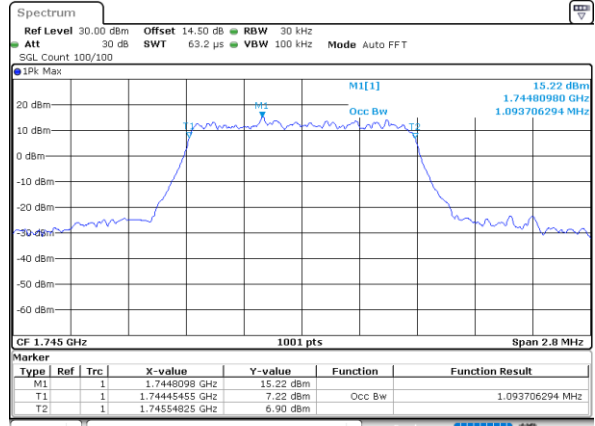
LTE Band 66

Middle Channel / 1.4MHz / QPSK



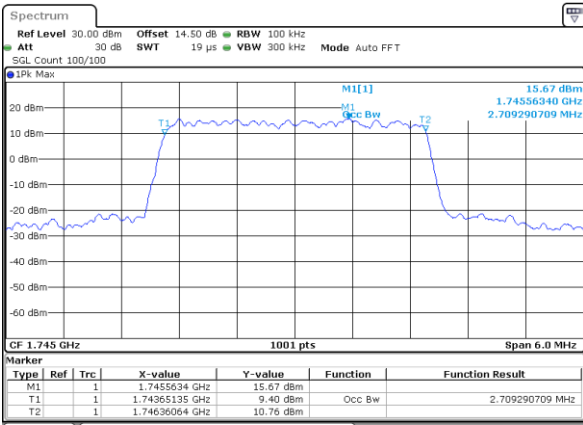
Date: 27.OCT.2023 21:37:53

Middle Channel / 1.4MHz / 16QAM



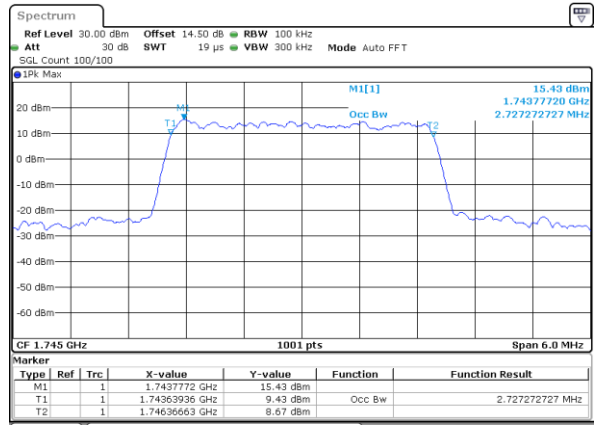
Date: 27.OCT.2023 21:46:35

Middle Channel / 3MHz / QPSK



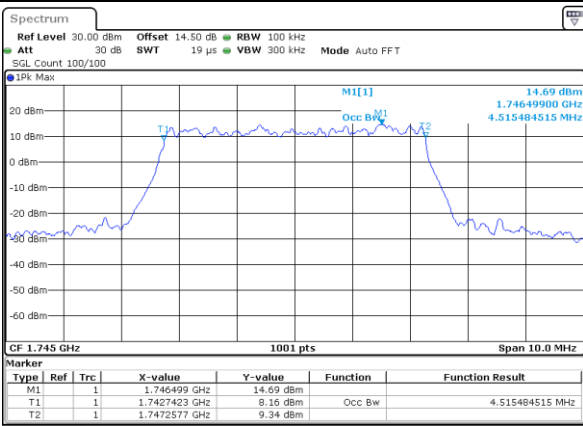
Date: 27.OCT.2023 21:53:41

Middle Channel / 3MHz / 16QAM



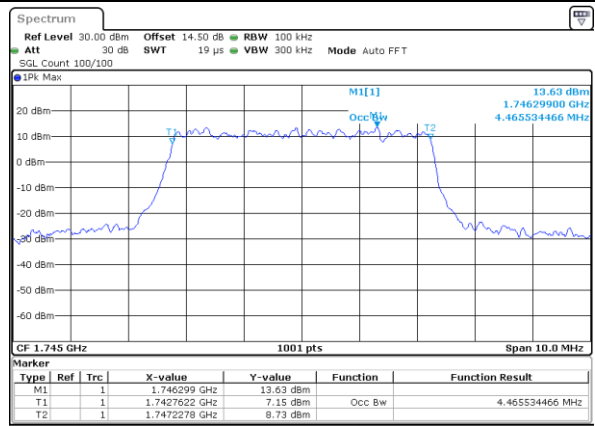
Date: 27.OCT.2023 22:02:11

Middle Channel / 5MHz / QPSK



Date: 27.OCT.2023 22:14:05

Middle Channel / 5MHz / 16QAM

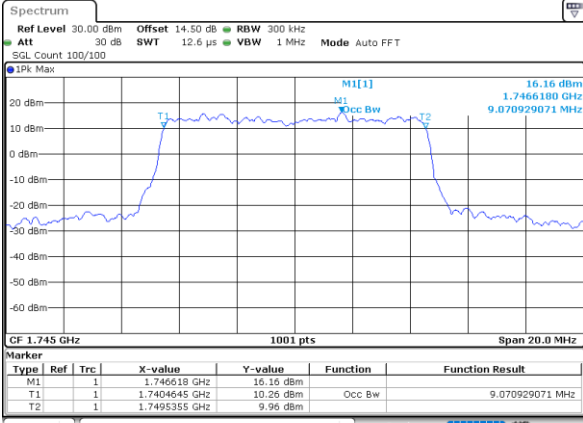


Date: 27.OCT.2023 22:22:40



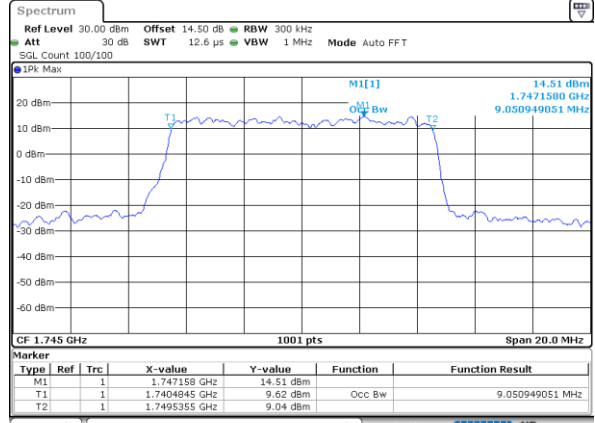
LTE Band 66

Middle Channel / 10MHz / QPSK



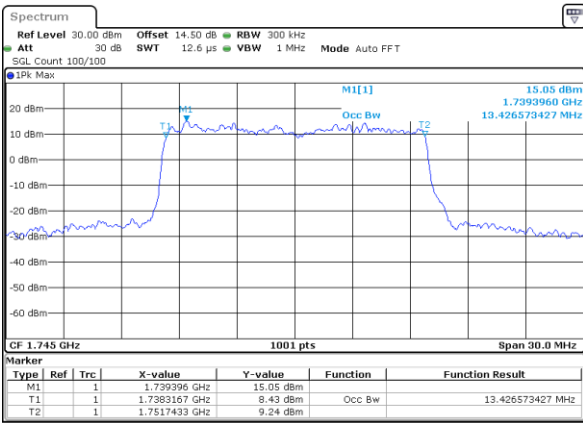
Date: 27.OCT.2023 22:44:52

Middle Channel / 10MHz / 16QAM



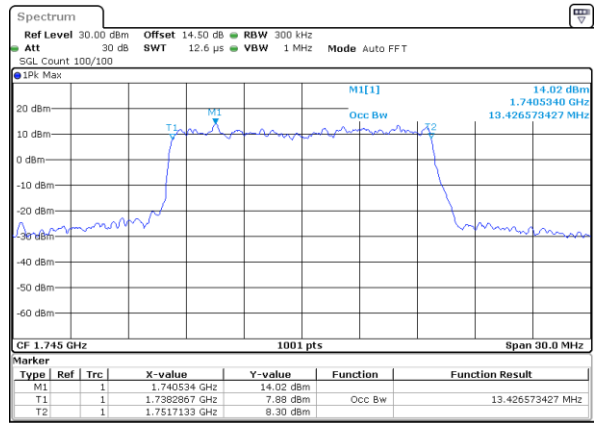
Date: 27.OCT.2023 22:53:22

Middle Channel / 15MHz / QPSK



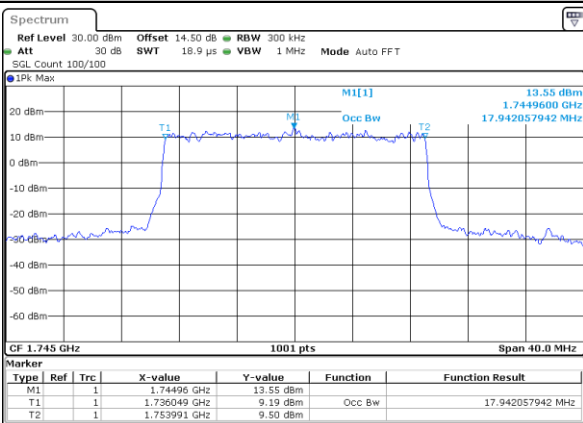
Date: 27.OCT.2023 22:55:39

Middle Channel / 15MHz / 16QAM



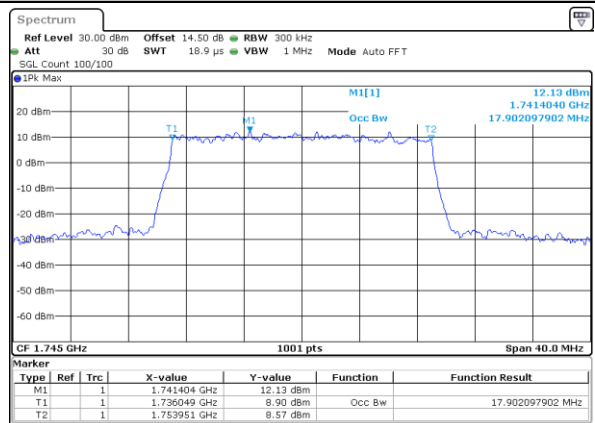
Date: 27.OCT.2023 23:04:09

Middle Channel / 20MHz / QPSK



Date: 27.OCT.2023 23:06:25

Middle Channel / 20MHz / 16QAM



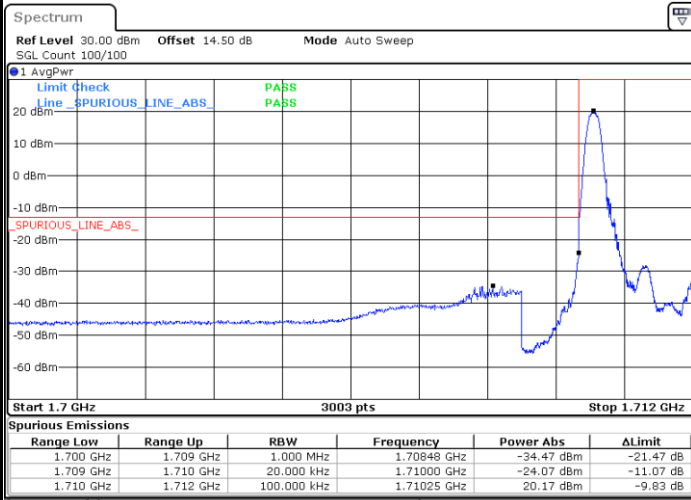
Date: 27.OCT.2023 23:07:05



Conducted Band Edge

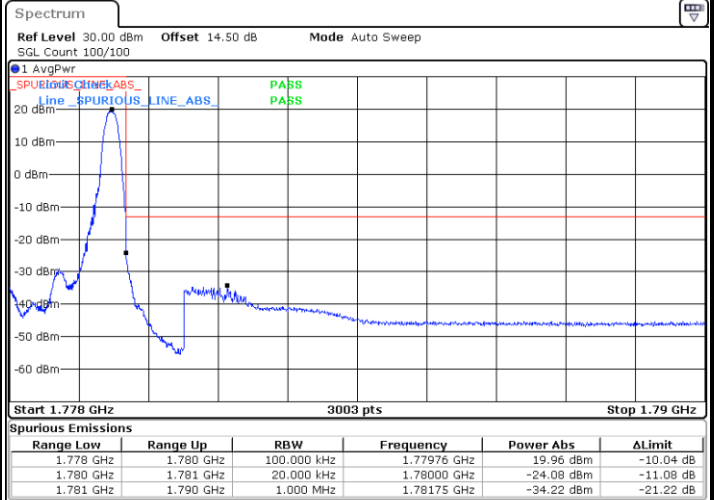
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



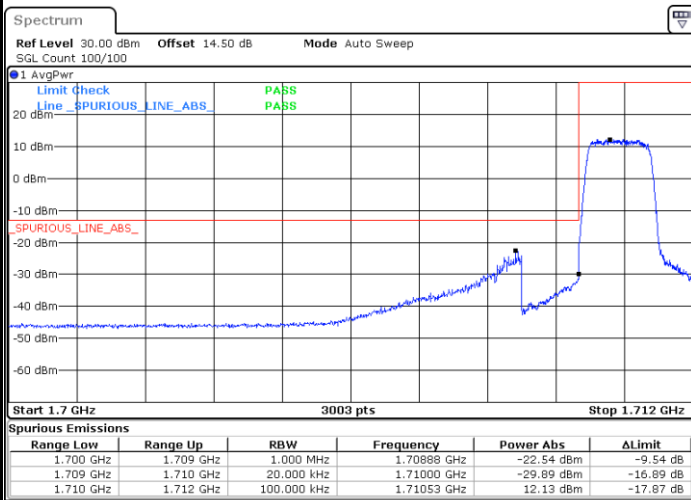
Date: 27.OCT.2023 21:38:23

Highest Band Edge / 1RB



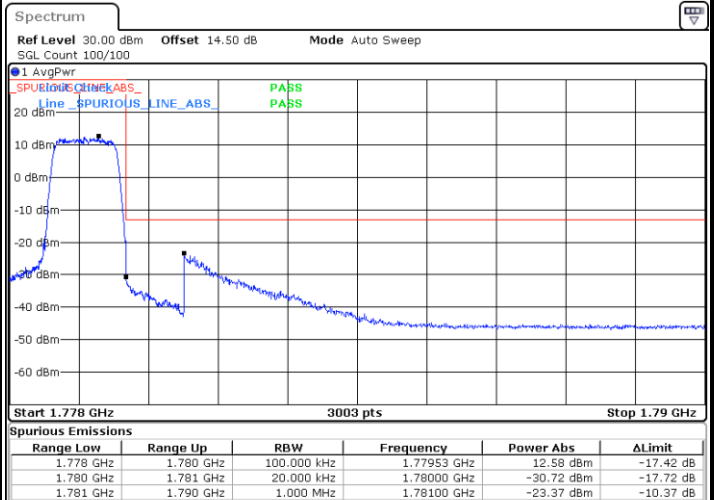
Date: 27.OCT.2023 21:42:43

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:40:47

Highest Band Edge / Full RB

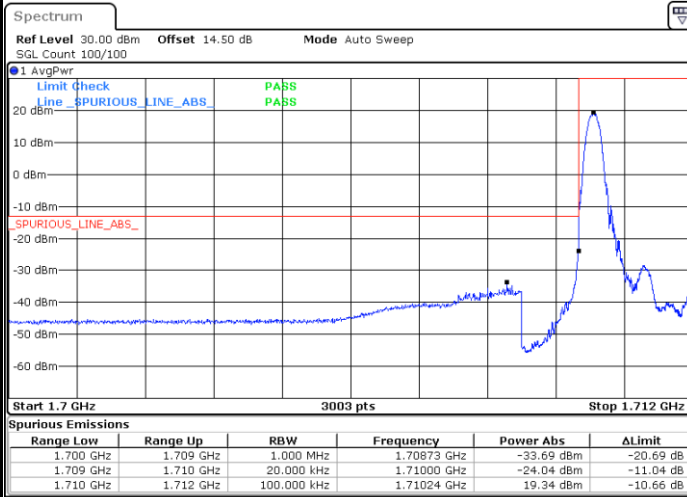


Date: 27.OCT.2023 21:45:08



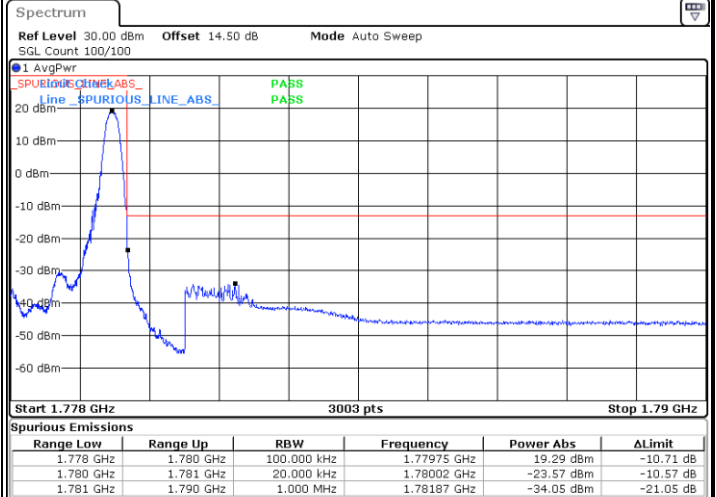
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



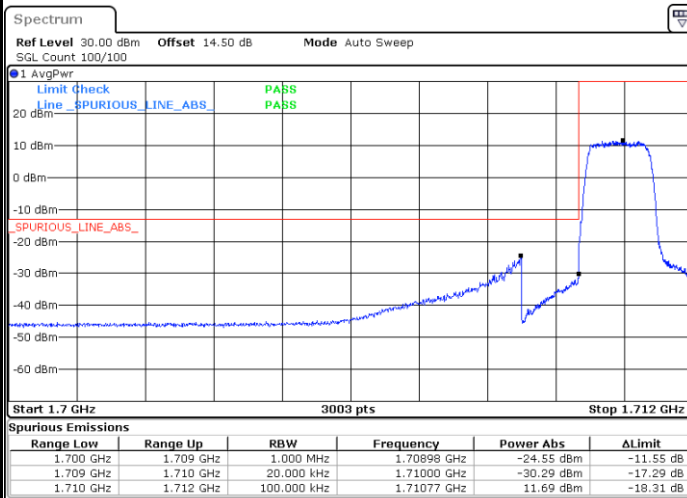
Date: 27.OCT.2023 21:38:53

Highest Band Edge / 1 RB



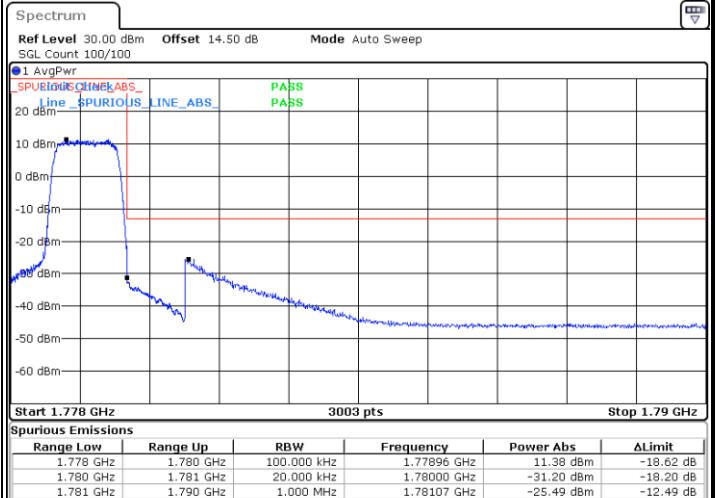
Date: 27.OCT.2023 21:43:14

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:41:17

Highest Band Edge / Full RB

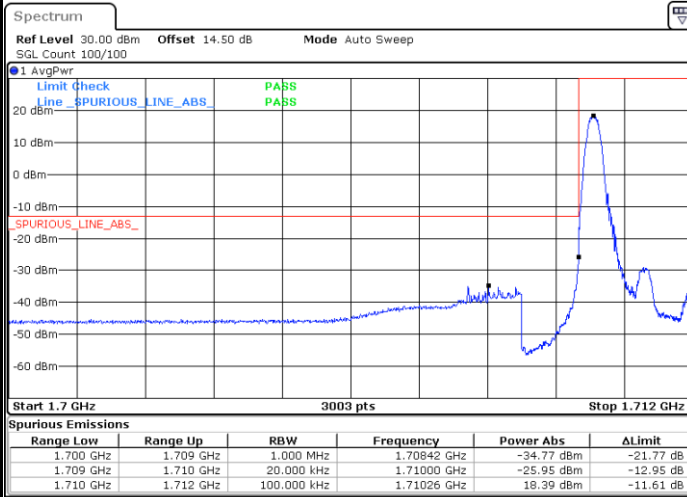


Date: 27.OCT.2023 21:45:38



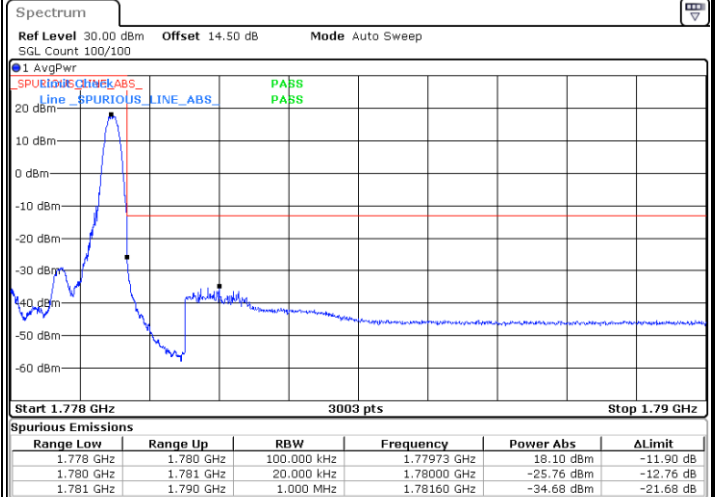
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



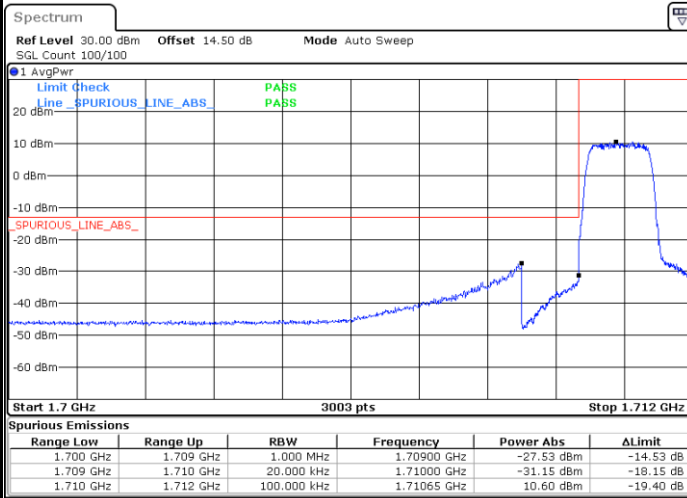
Date: 27.OCT.2023 21:39:23

Highest Band Edge / 1 RB



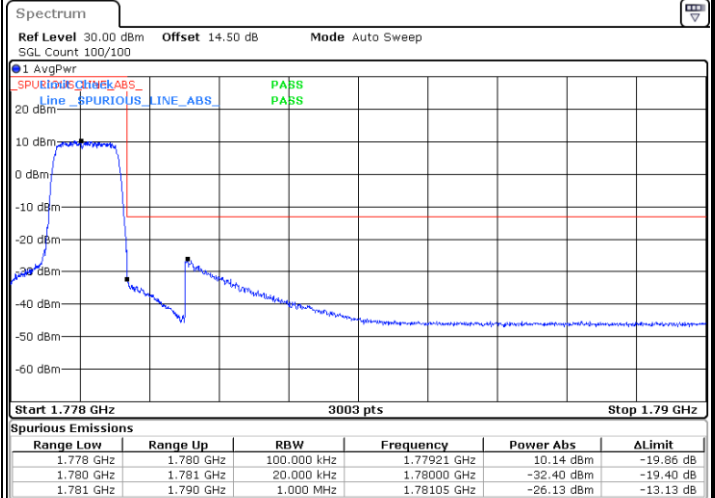
Date: 27.OCT.2023 21:43:44

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:41:47

Highest Band Edge / Full RB

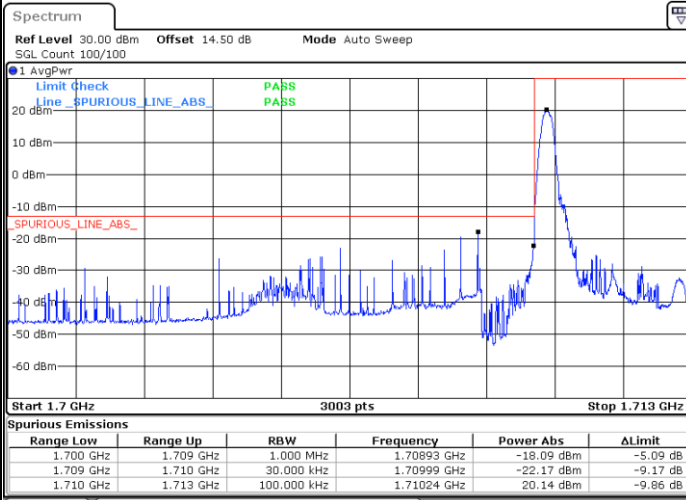


Date: 27.OCT.2023 21:46:09



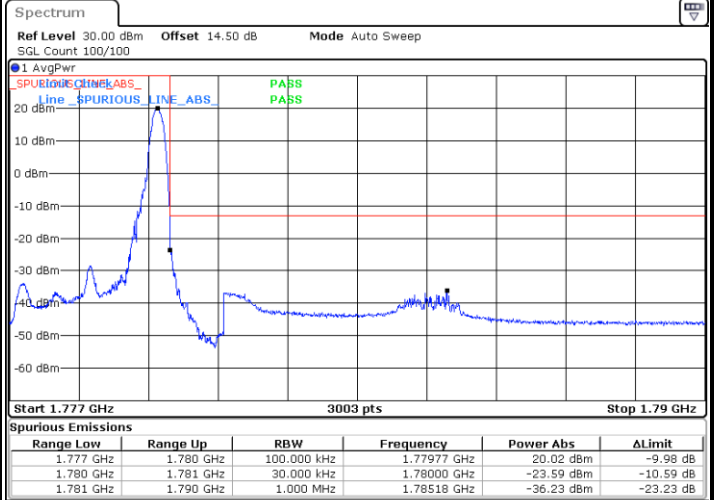
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



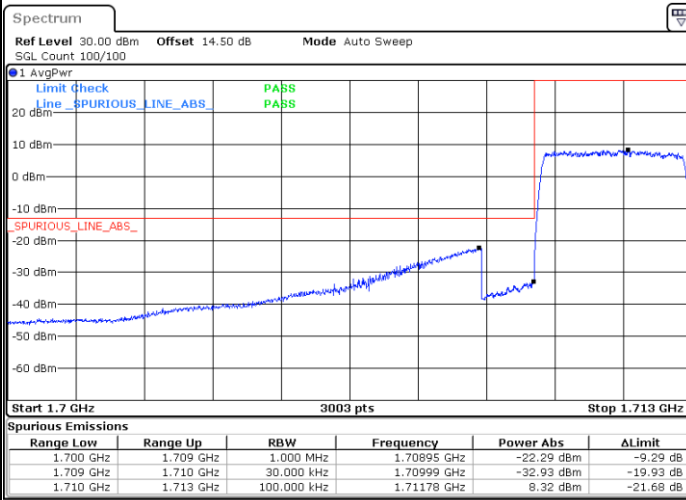
Date: 27.OCT.2023 21:54:25

Highest Band Edge / 1RB



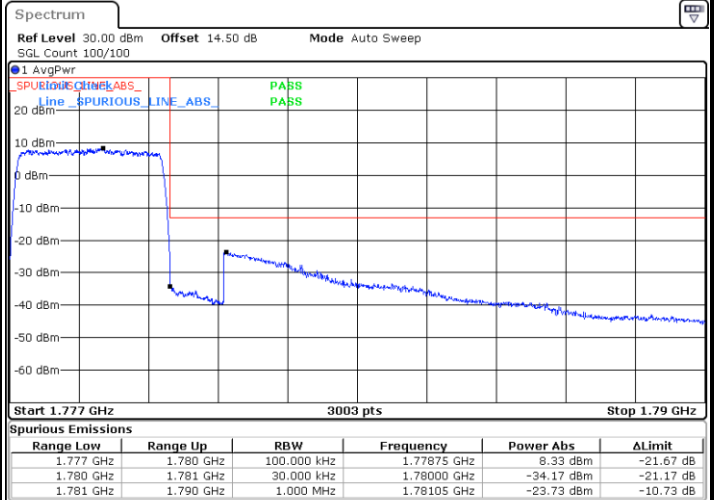
Date: 27.OCT.2023 21:58:20

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:56:49

Highest Band Edge / Full RB

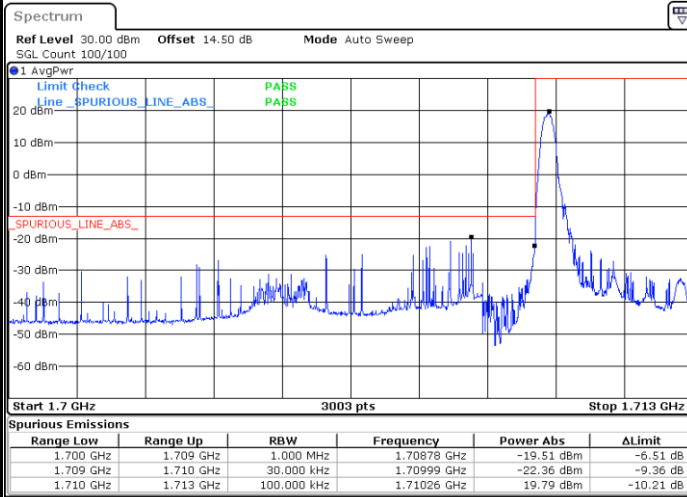


Date: 27.OCT.2023 21:59:50



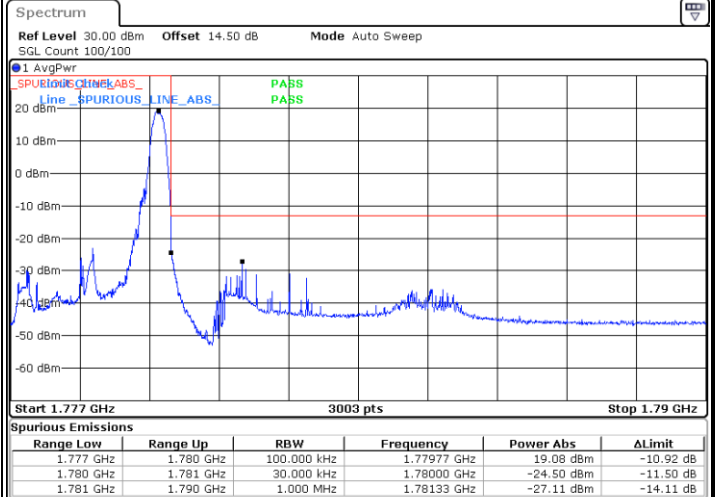
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



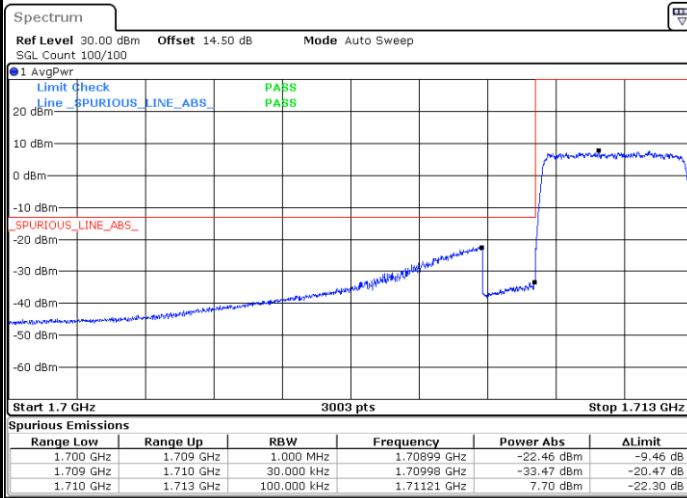
Date: 27.OCT.2023 21:54:55

Highest Band Edge / 1 RB



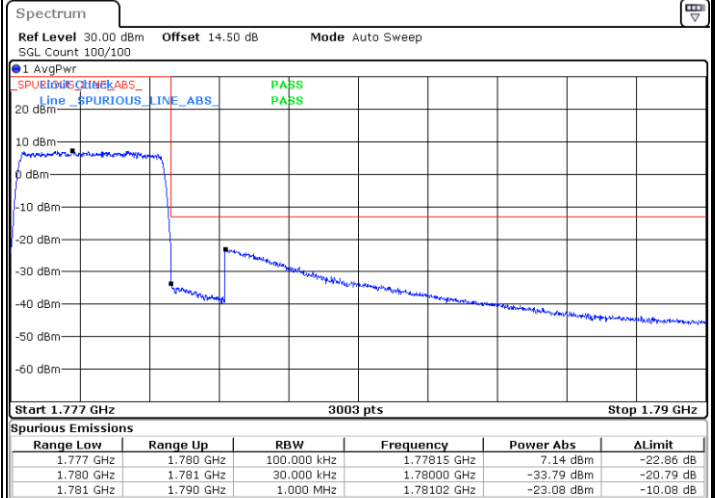
Date: 27.OCT.2023 21:58:50

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:57:19

Highest Band Edge / Full RB

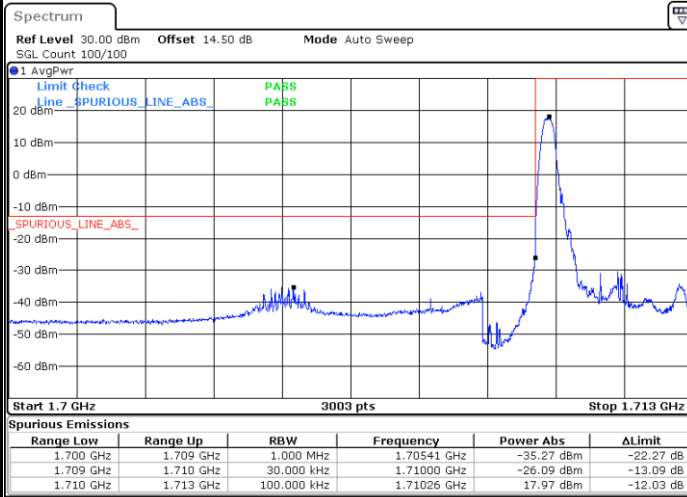


Date: 27.OCT.2023 22:00:21



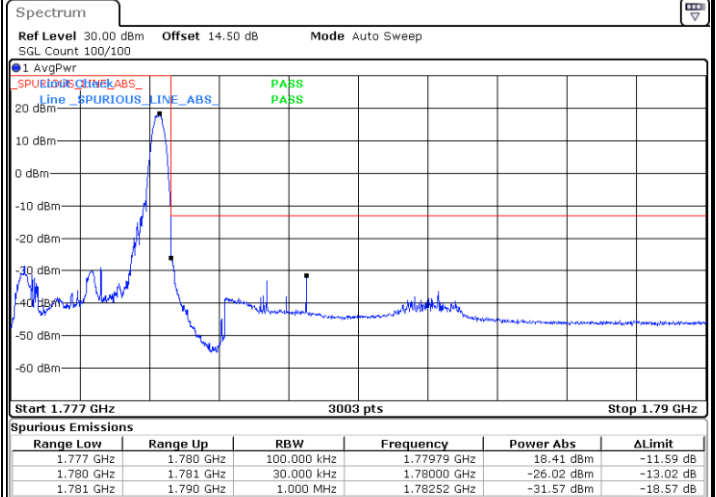
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



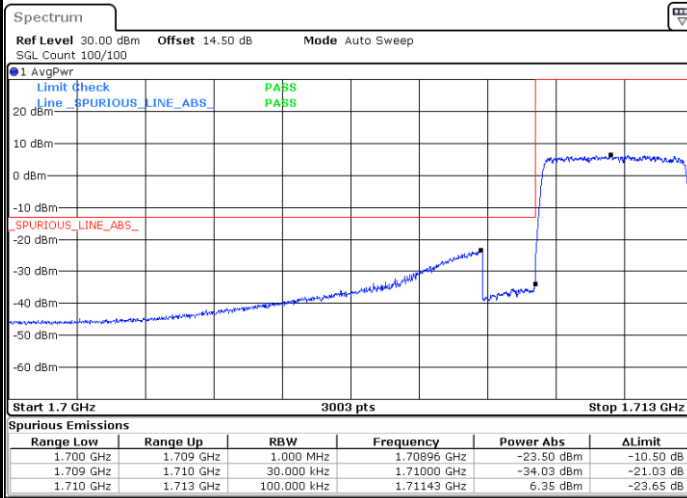
Date: 27.OCT.2023 21:55:25

Highest Band Edge / 1 RB



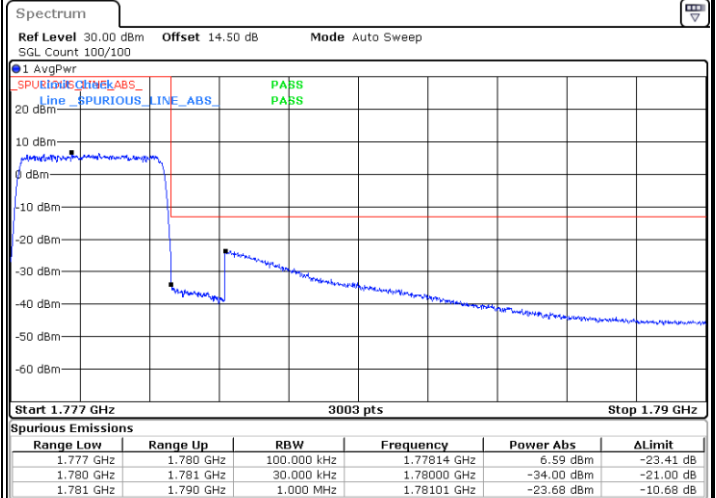
Date: 27.OCT.2023 21:59:20

Lowest Band Edge / Full RB



Date: 27.OCT.2023 21:57:49

Highest Band Edge / Full RB

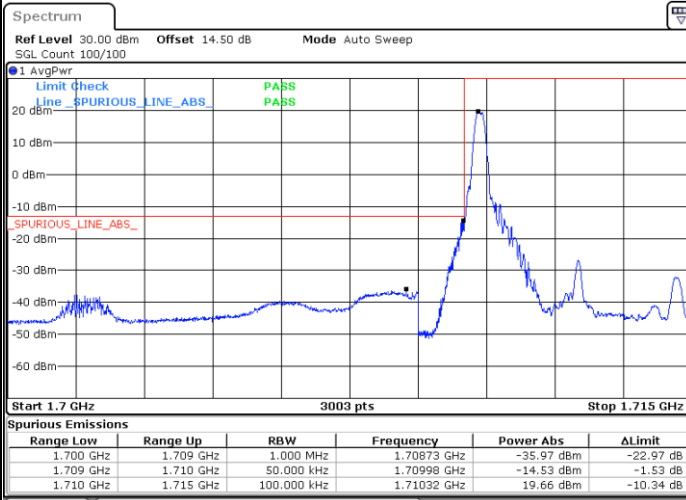


Date: 27.OCT.2023 22:00:51



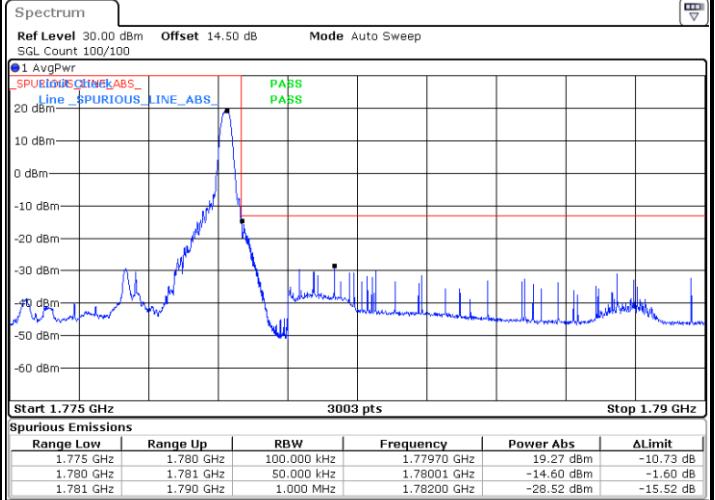
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1RB



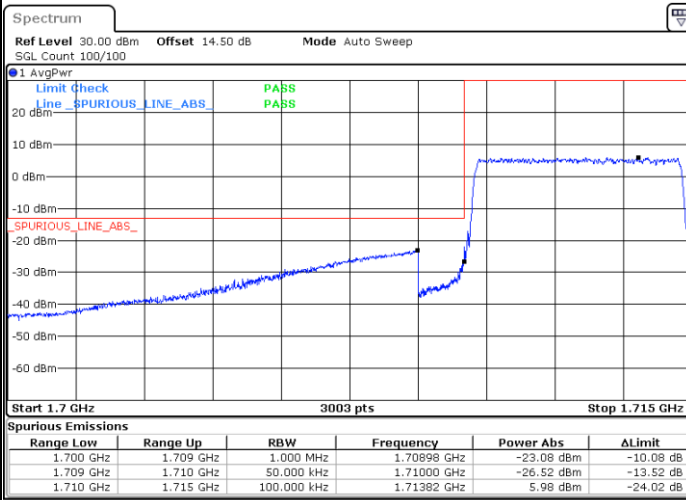
Date: 27.OCT.2023 22:14:50

Highest Band Edge / 1RB



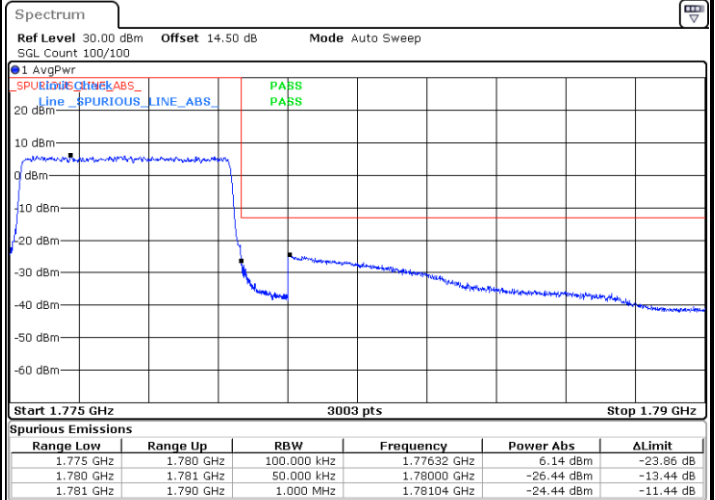
Date: 27.OCT.2023 23:19:00

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:17:15

Highest Band Edge / Full RB

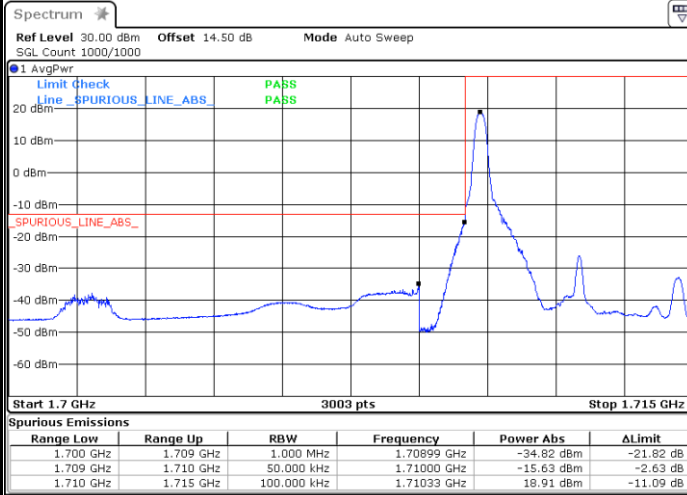


Date: 27.OCT.2023 22:20:18



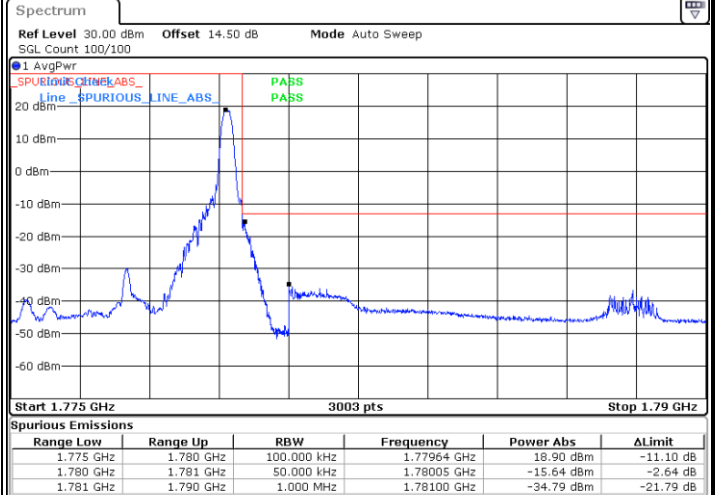
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



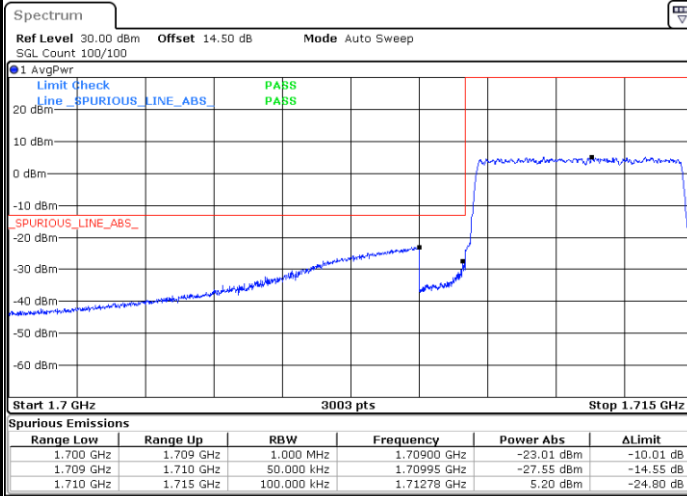
Date: 27.OCT.2023 23:18:04

Highest Band Edge / 1 RB



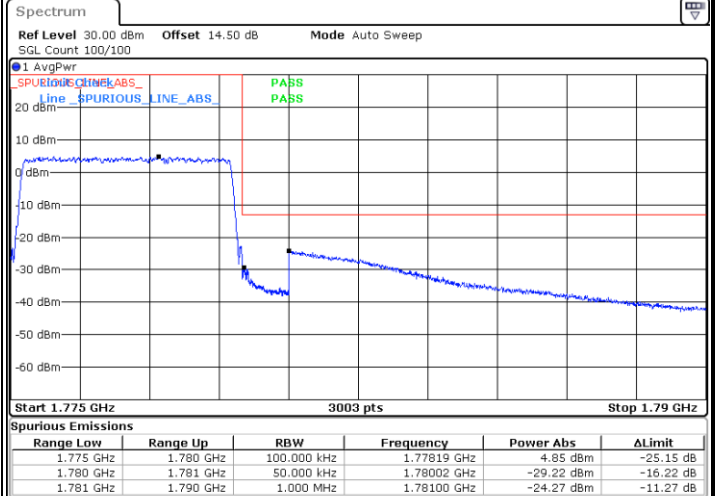
Date: 27.OCT.2023 22:19:17

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:17:45

Highest Band Edge / Full RB

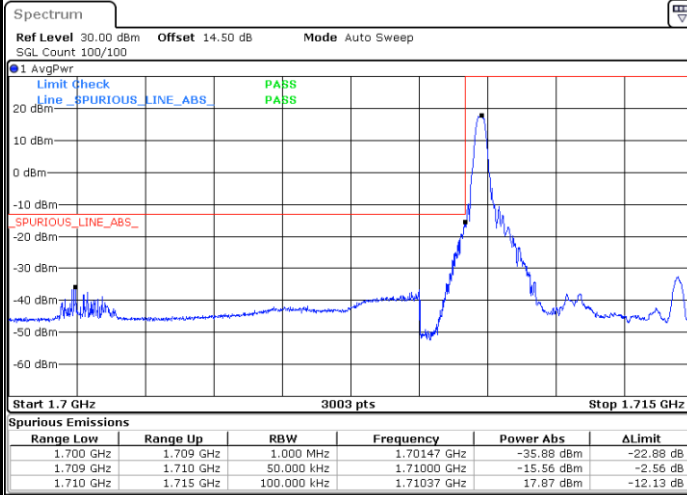


Date: 27.OCT.2023 22:20:48



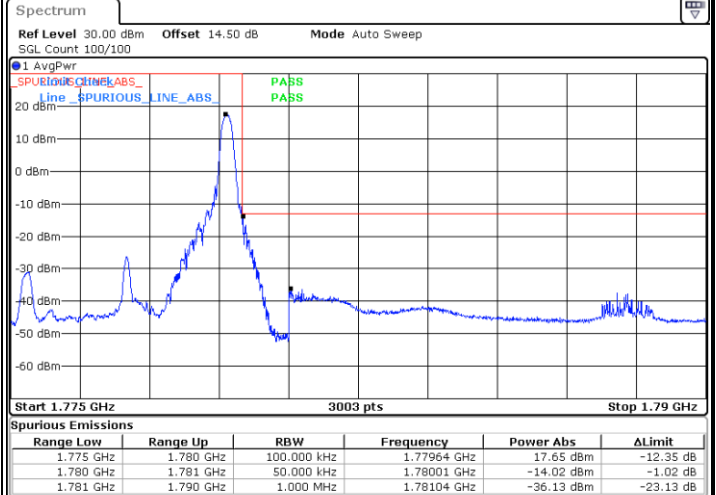
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



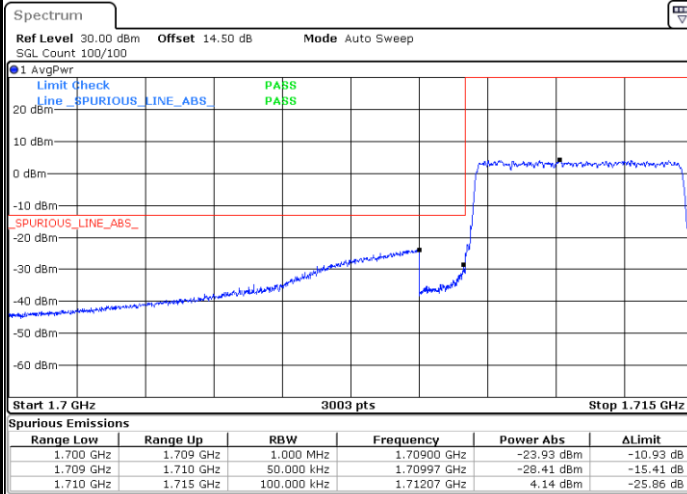
Date: 27.OCT.2023 22:15:51

Highest Band Edge / 1 RB



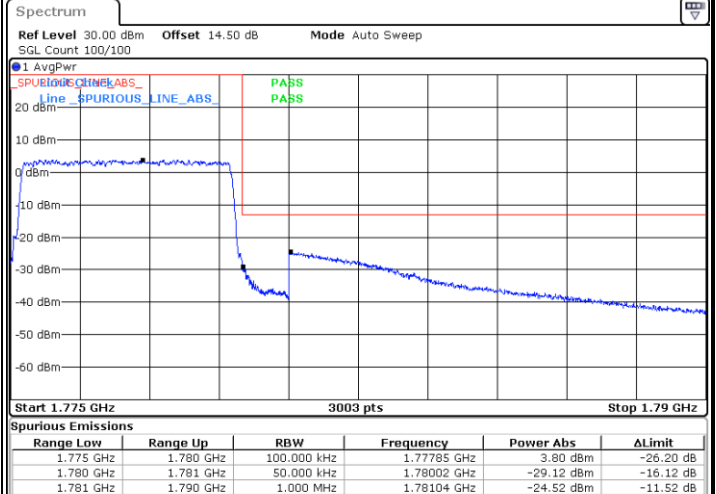
Date: 27.OCT.2023 22:19:47

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:18:16

Highest Band Edge / Full RB

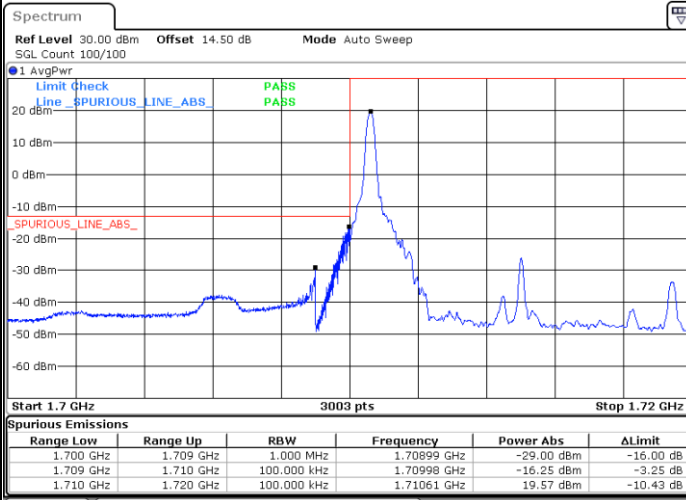


Date: 27.OCT.2023 22:21:19



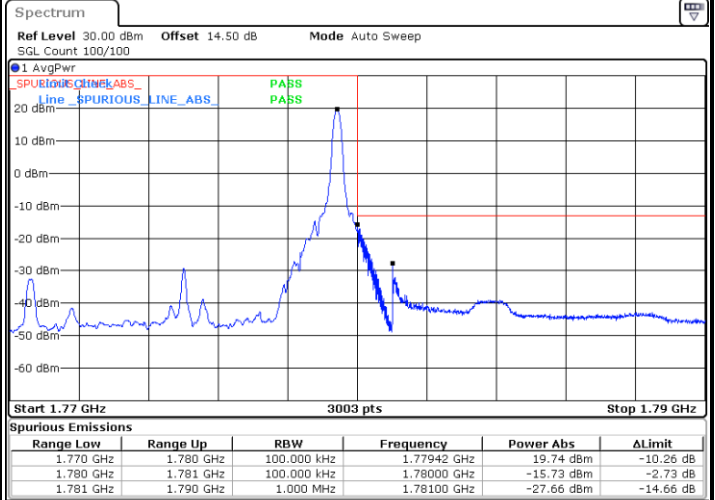
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1RB



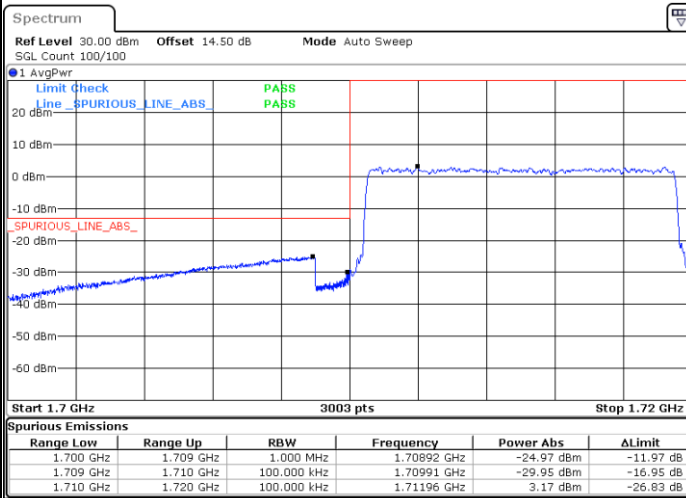
Date: 27.OCT.2023 22:45:36

Highest Band Edge / 1RB



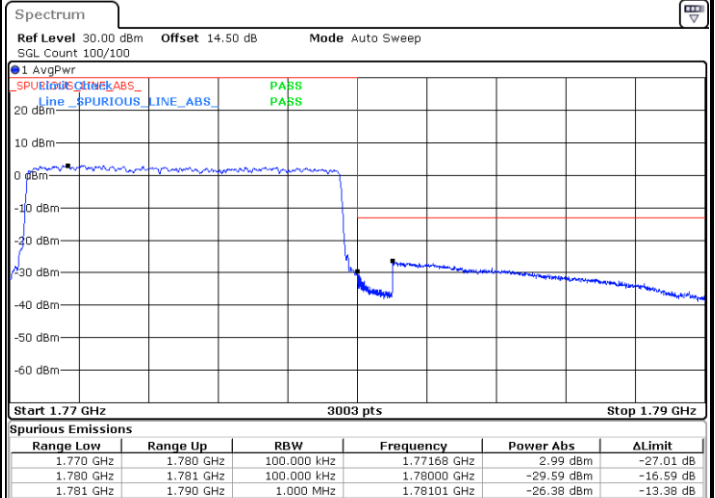
Date: 27.OCT.2023 22:49:31

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:47:07

Highest Band Edge / Full RB

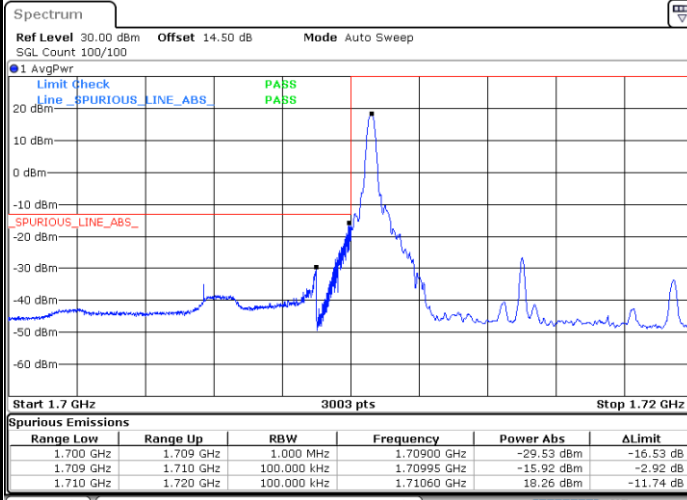


Date: 27.OCT.2023 22:51:02



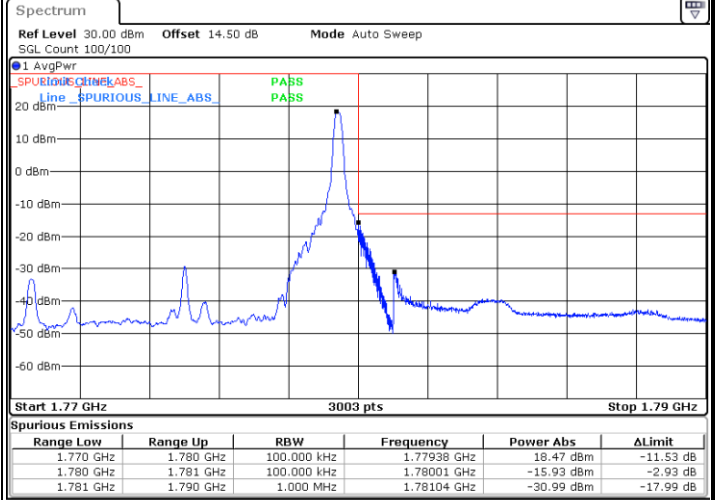
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



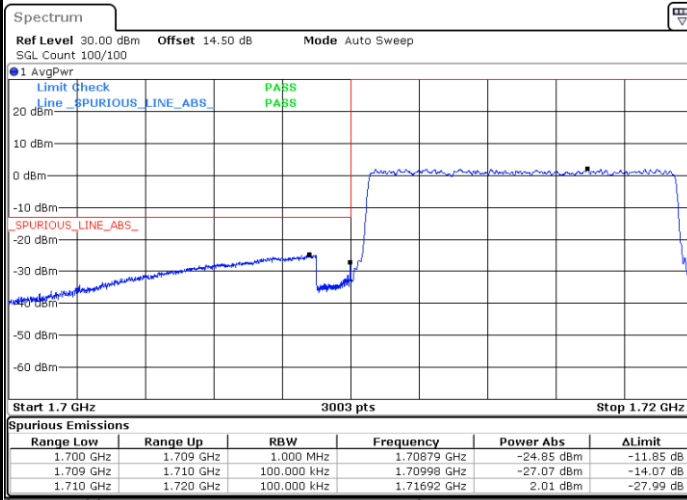
Date: 27.OCT.2023 22:46:06

Highest Band Edge / 1 RB



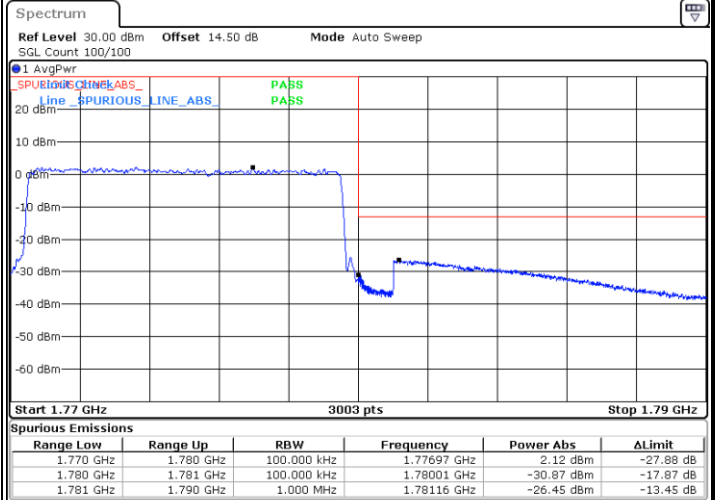
Date: 27.OCT.2023 22:50:01

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:47:37

Highest Band Edge / Full RB

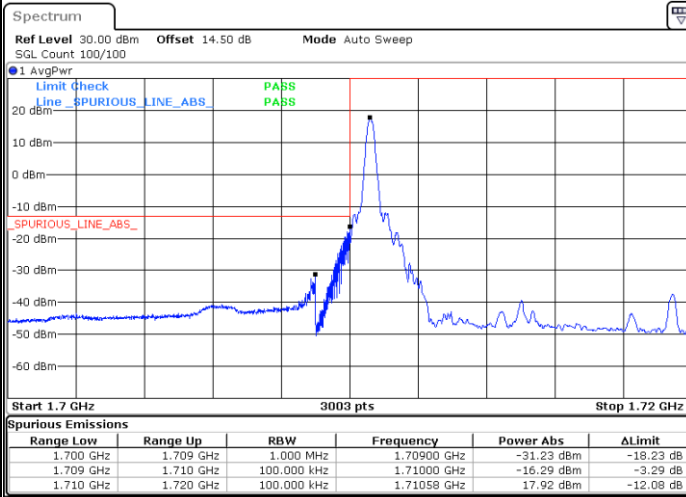


Date: 27.OCT.2023 22:51:32



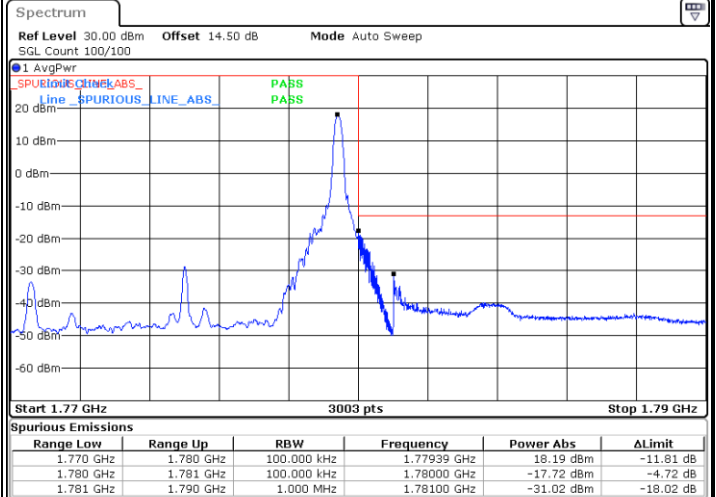
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



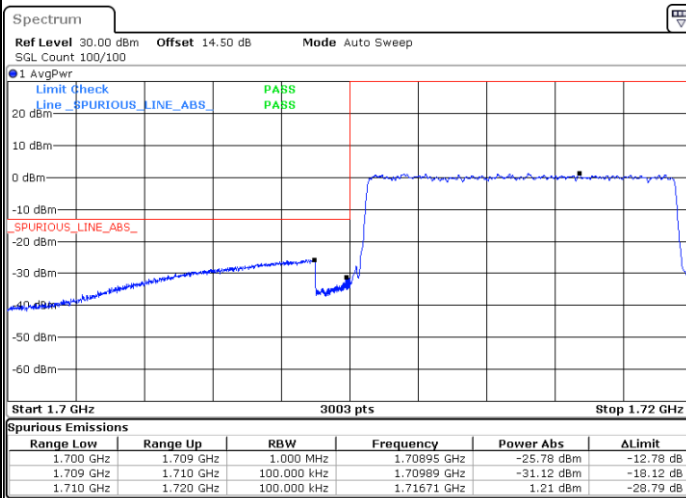
Date: 27.OCT.2023 22:46:36

Highest Band Edge / 1 RB



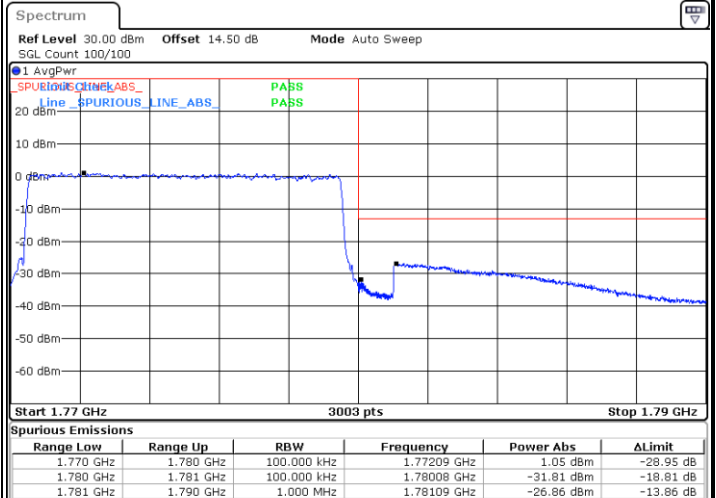
Date: 27.OCT.2023 22:50:31

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:48:07

Highest Band Edge / Full RB

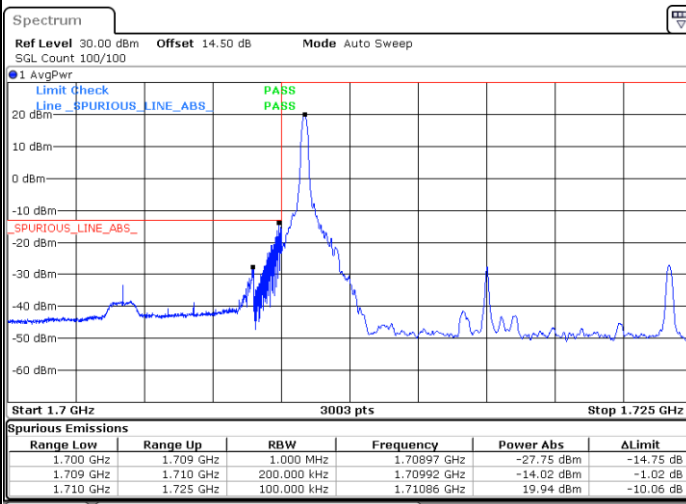


Date: 27.OCT.2023 22:52:02



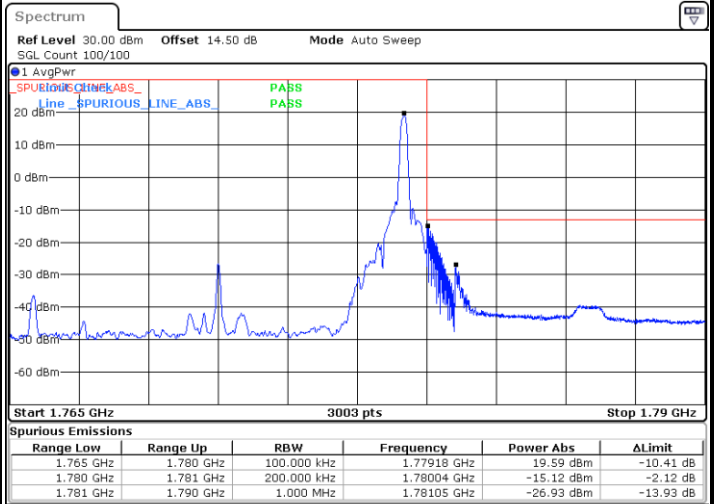
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1RB



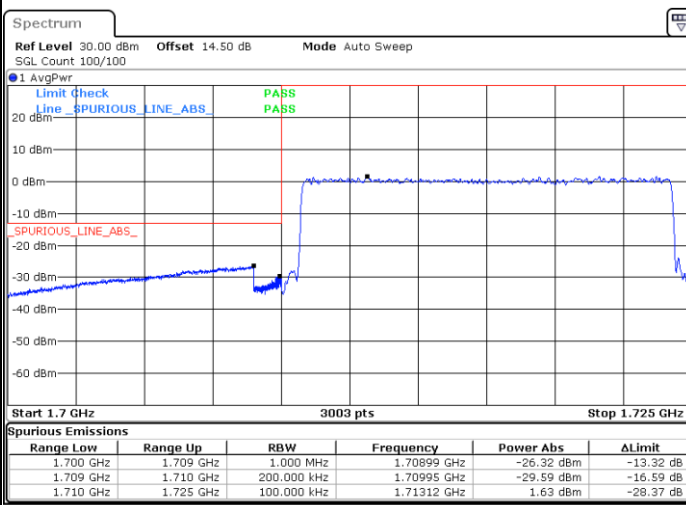
Date: 27.OCT.2023 22:56:23

Highest Band Edge / 1RB



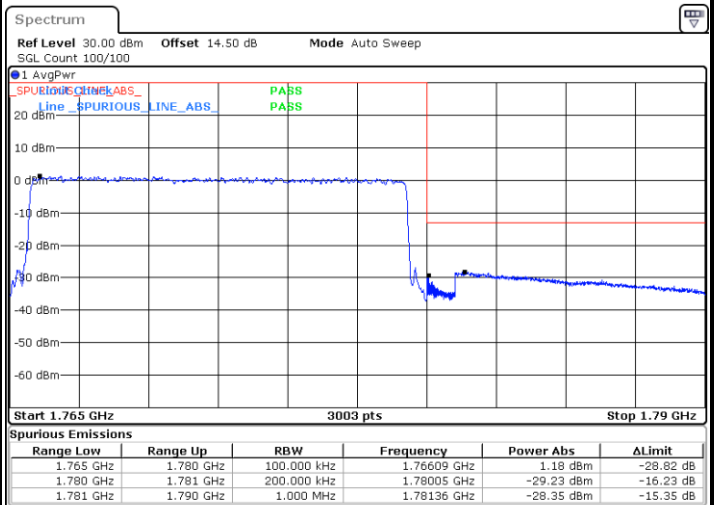
Date: 27.OCT.2023 23:00:18

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:57:53

Highest Band Edge / Full RB

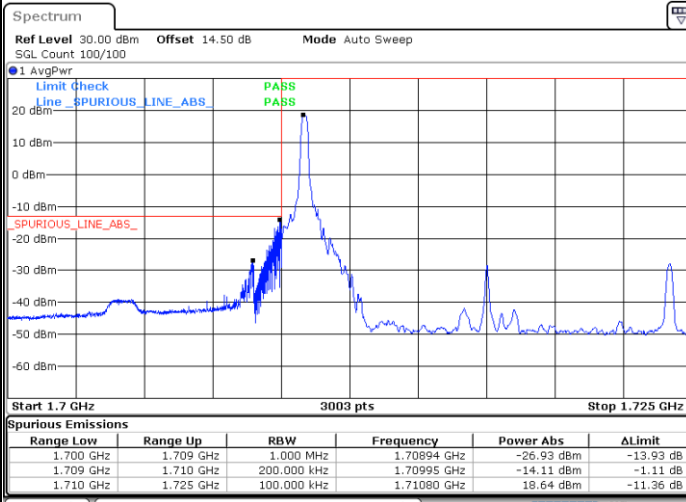


Date: 27.OCT.2023 23:01:48



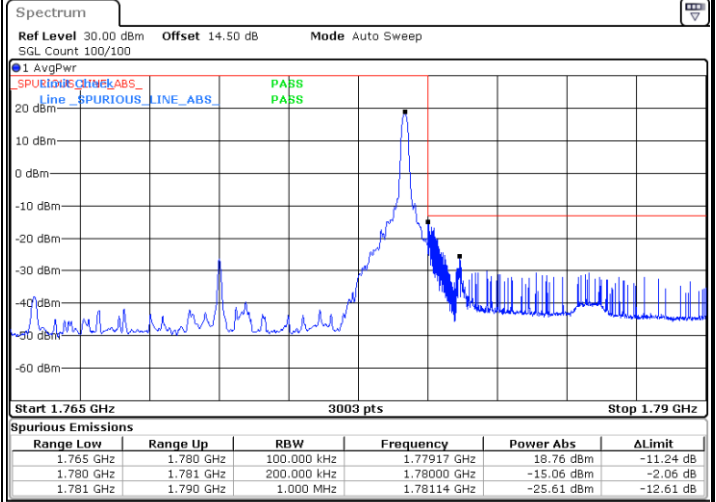
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



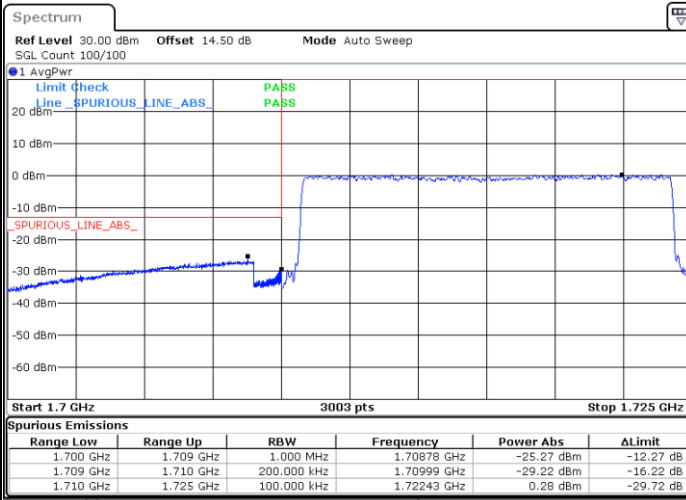
Date: 27.OCT.2023 22:56:53

Highest Band Edge / 1 RB



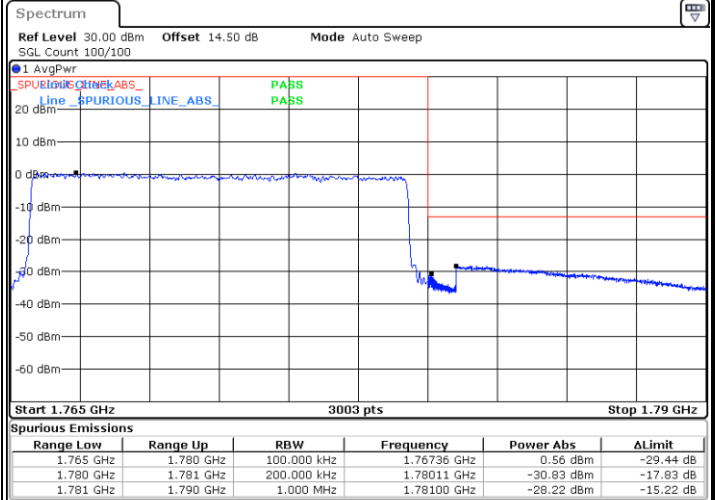
Date: 27.OCT.2023 23:00:48

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:58:24

Highest Band Edge / Full RB

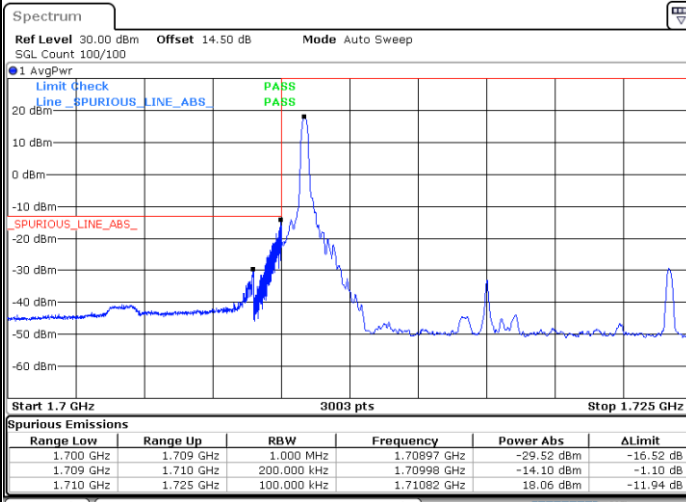


Date: 27.OCT.2023 23:02:19



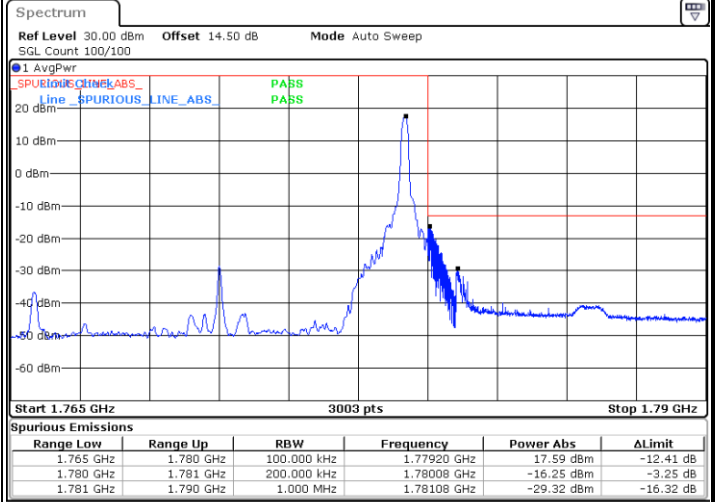
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



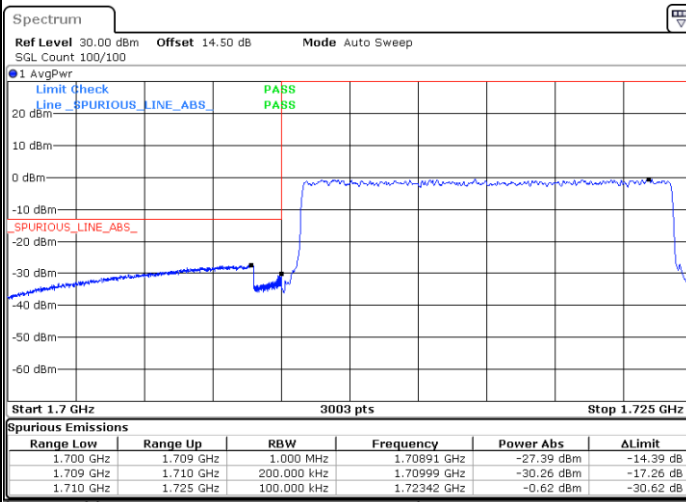
Date: 27.OCT.2023 22:57:23

Highest Band Edge / 1 RB



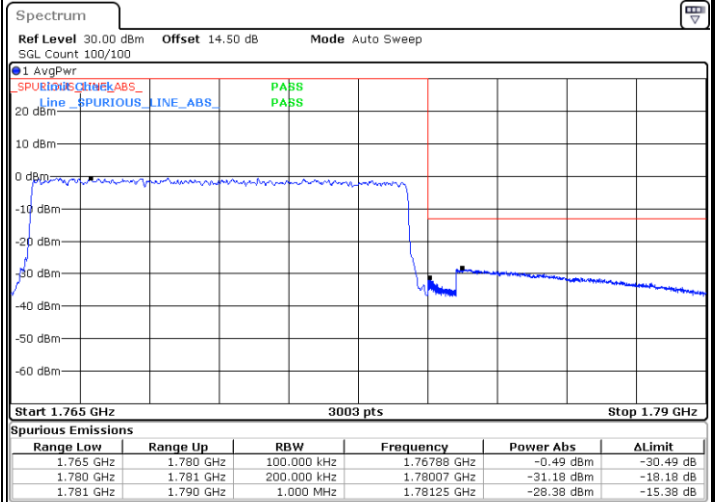
Date: 27.OCT.2023 23:01:18

Lowest Band Edge / Full RB



Date: 27.OCT.2023 22:58:54

Highest Band Edge / Full RB

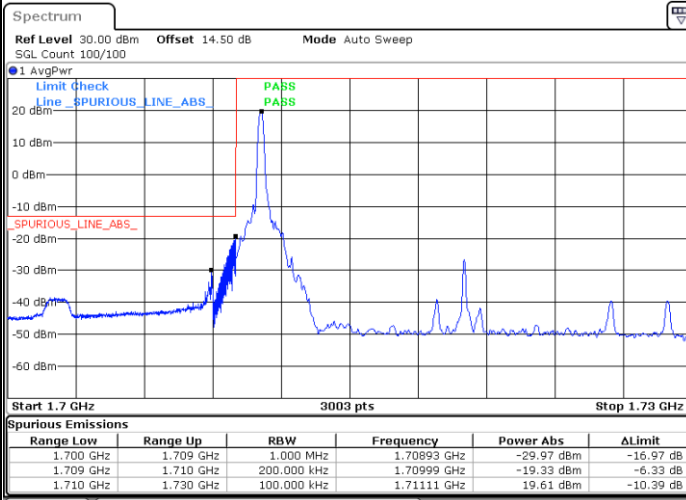


Date: 27.OCT.2023 23:02:49



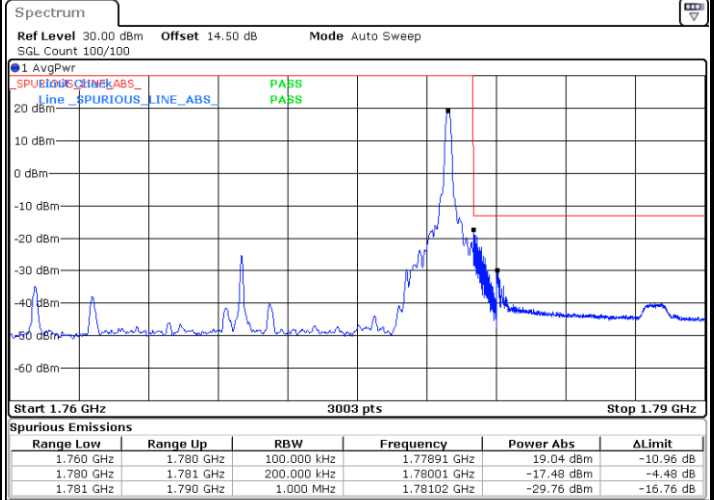
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB



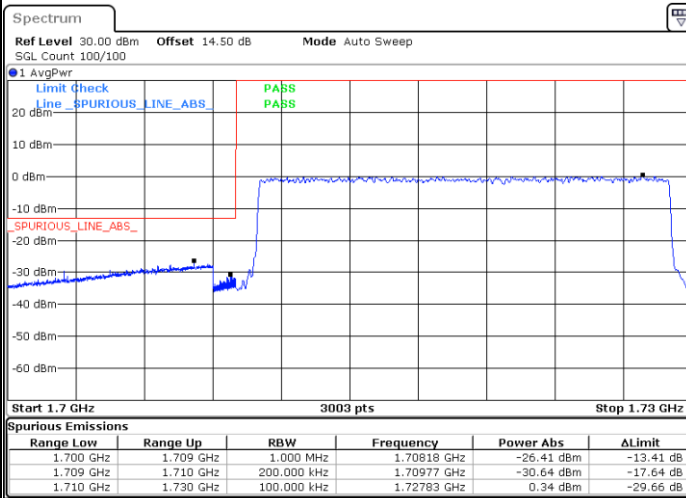
Date: 27.OCT.2023 23:09:11

Highest Band Edge / 1RB



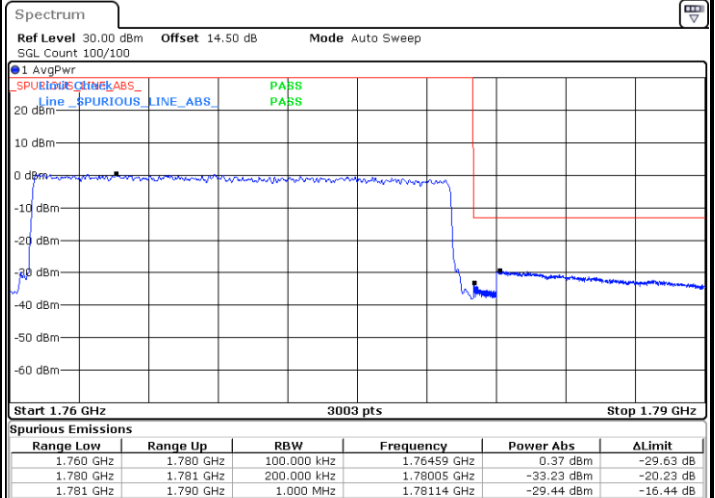
Date: 27.OCT.2023 23:13:06

Lowest Band Edge / Full RB



Date: 27.OCT.2023 23:10:42

Highest Band Edge / Full RB



Date: 27.OCT.2023 23:14:37