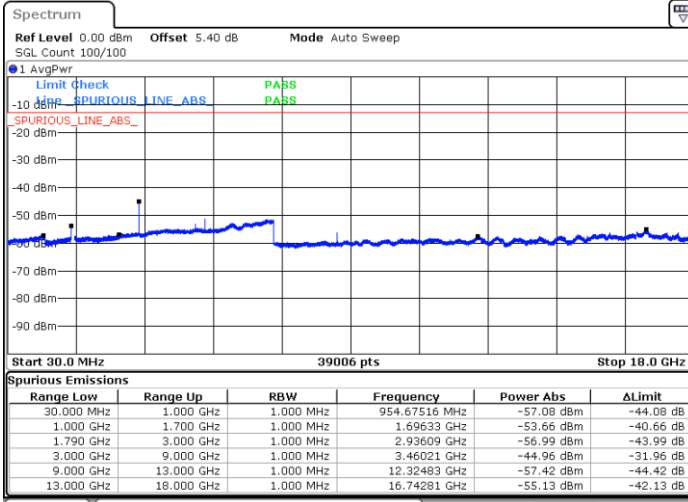


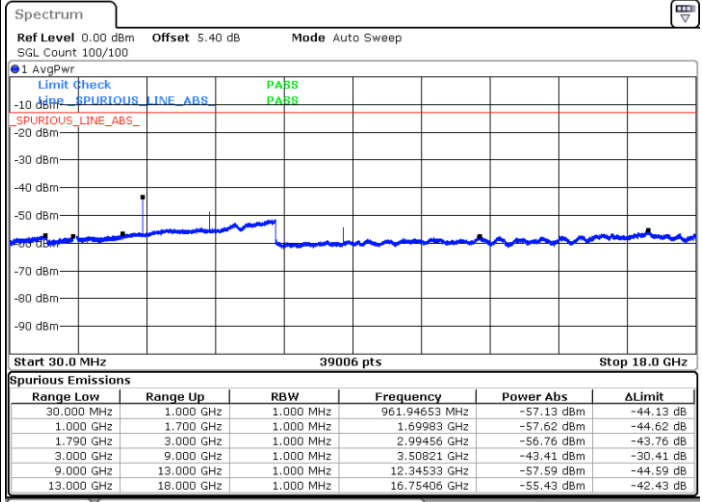


LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

LTE Band 66C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0

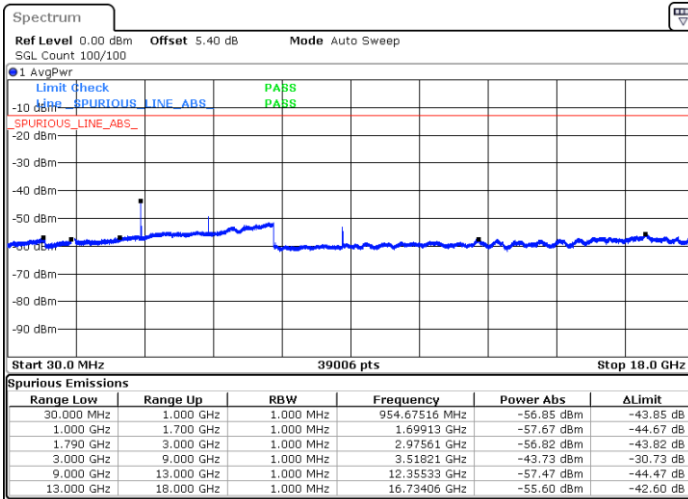


Date: 31.MAY.2022 02:42:10



Date: 31.MAY.2022 02:46:39

LTE Band 66C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 31.MAY.2022 02:50:00



Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

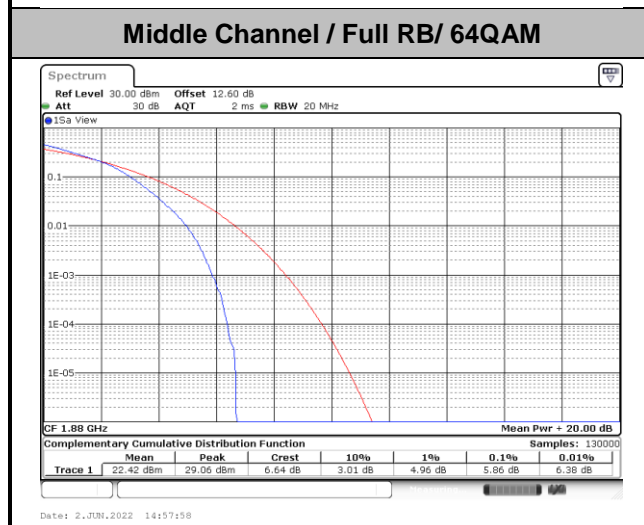
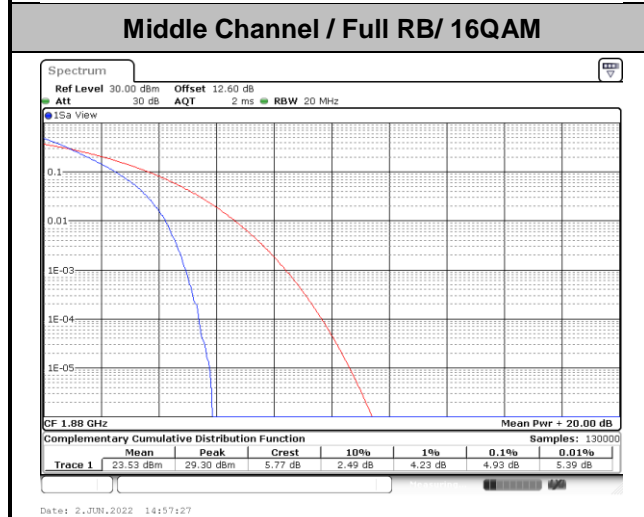
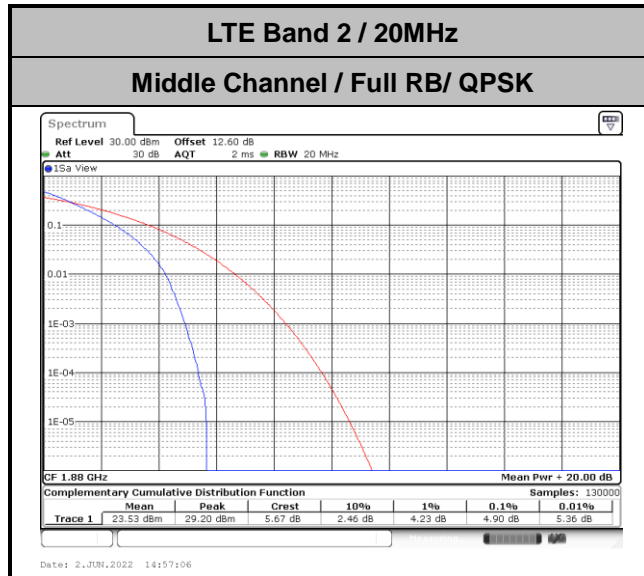


Other PA

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.9	4.93	5.86	PASS





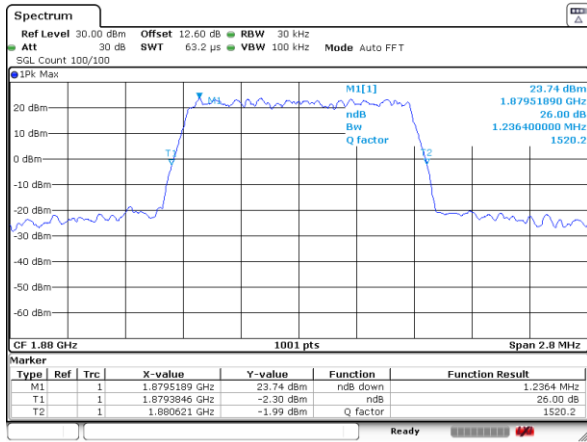
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.24	1.22
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.01	3.02
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.92
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.69	9.87
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.30	14.36
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.18	20.30



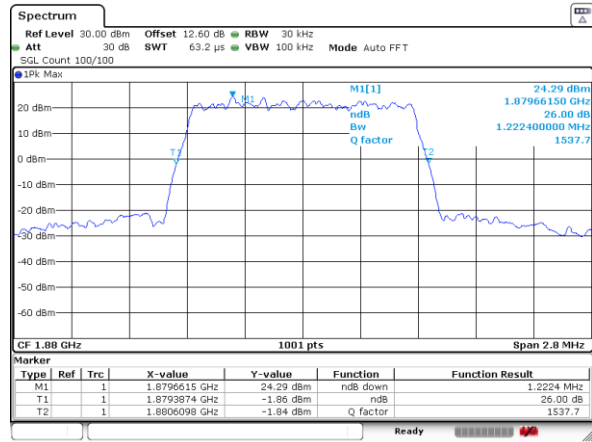
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 9 JUN 2022 11:41:40

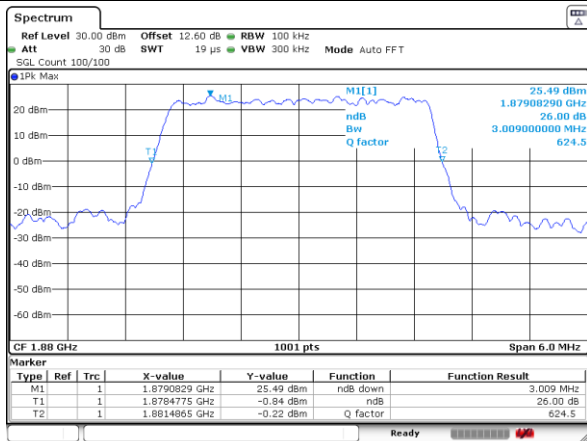
Middle Channel / 1.4MHz / 16QAM



Date: 9 JUN 2022 11:44:24

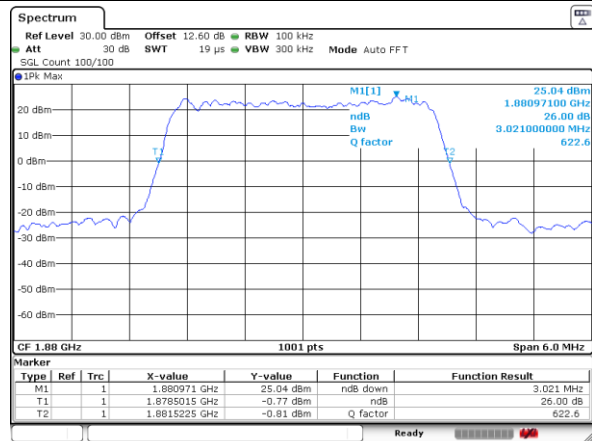
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 9 JUN 2022 11:47:09

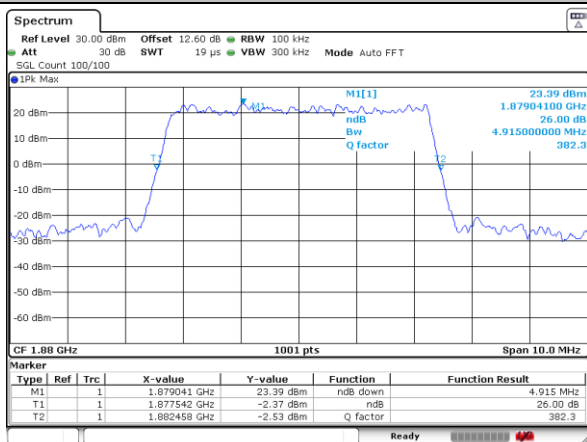
Middle Channel / 3MHz / 16QAM



Date: 9 JUN 2022 11:46:20

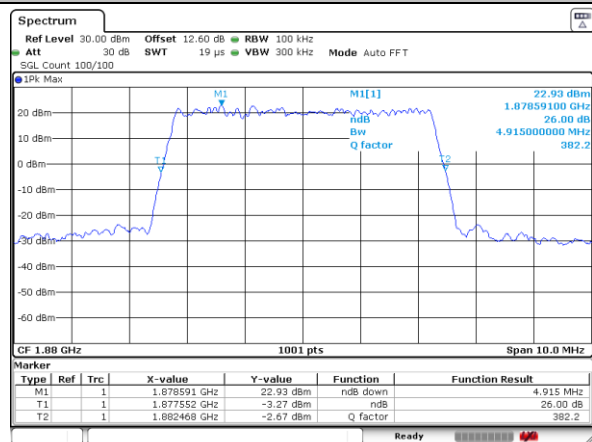
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 9 JUN 2022 11:48:34

Middle Channel / 5MHz / 16QAM

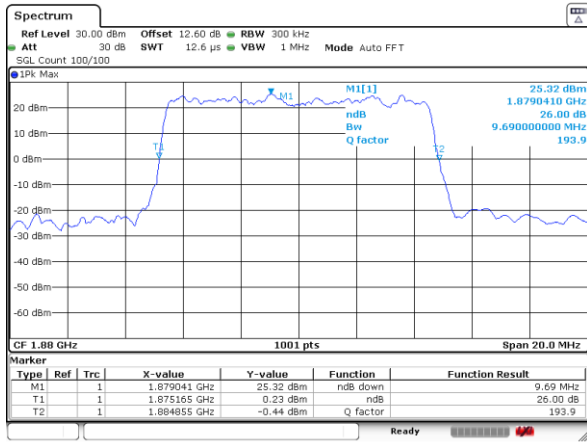


Date: 9 JUN 2022 11:49:20



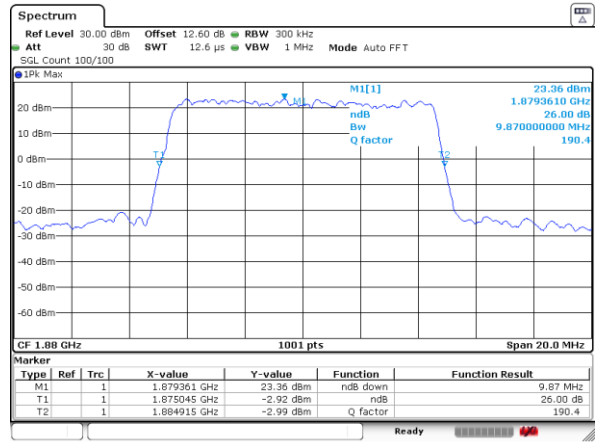
LTE Band 2

Middle Channel / 10MHz / QPSK



Date: 9 JUN 2022 11:51:48

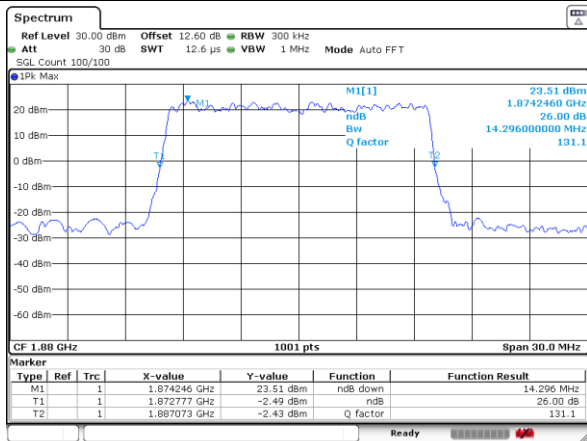
Middle Channel / 10MHz / 16QAM



Date: 9 JUN 2022 11:50:49

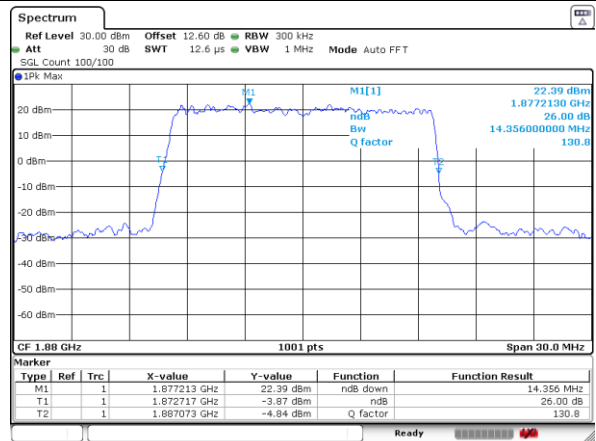
LTE Band 2

Middle Channel / 15MHz / QPSK



Date: 9 JUN 2022 11:57:02

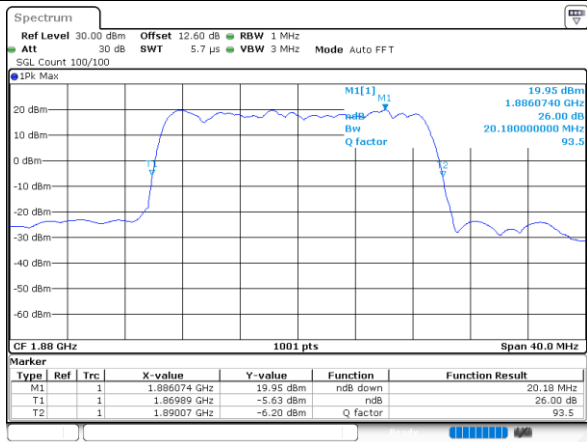
Middle Channel / 15MHz / 16QAM



Date: 9 JUN 2022 11:57:46

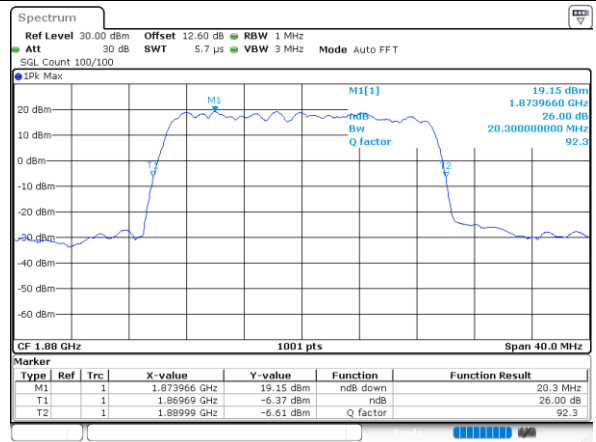
LTE Band 2

Middle Channel / 20MHz / QPSK



Date: 2 JUN 2022 16:35:28

Middle Channel / 20MHz / 16QAM



Date: 2 JUN 2022 16:36:34



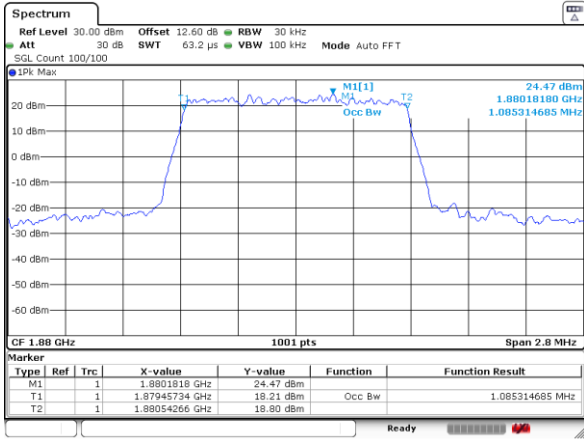
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.72
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.52	4.50
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	8.99
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.49
Mode	LTE Band 2 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.26	18.42



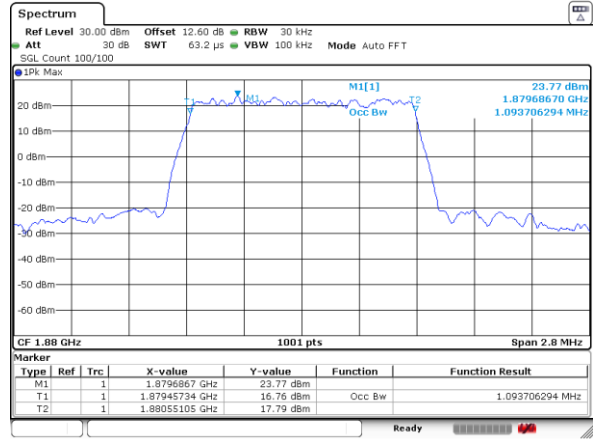
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 9 JUN 2022 11:41:14

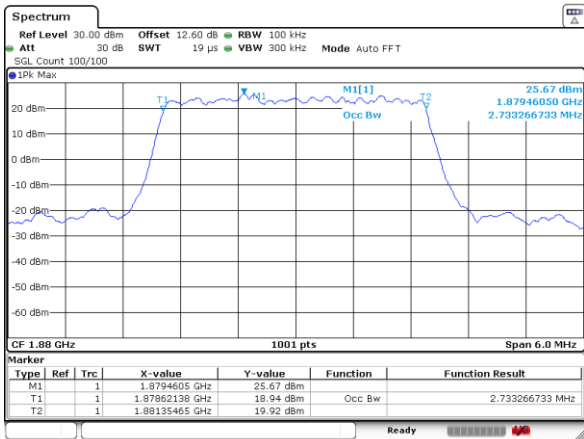
Middle Channel / 1.4MHz / 16QAM



Date: 9 JUN 2022 11:43:51

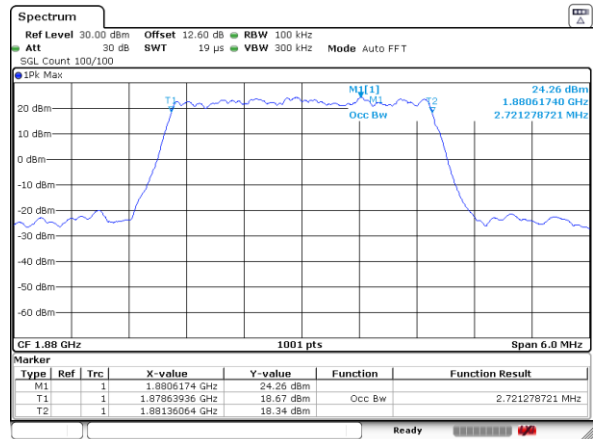
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 9 JUN 2022 11:46:49

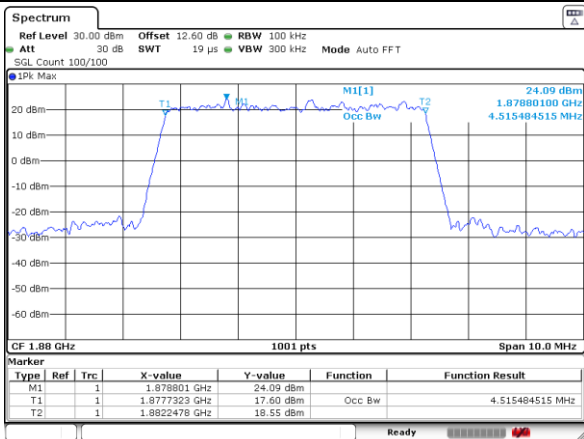
Middle Channel / 3MHz / 16QAM



Date: 9 JUN 2022 11:45:58

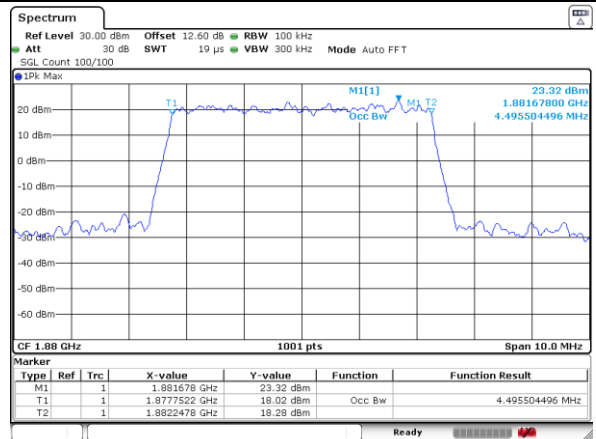
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 9 JUN 2022 11:48:16

Middle Channel / 5MHz / 16QAM

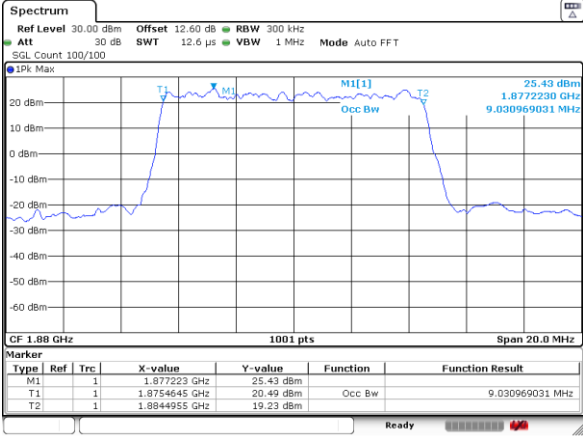


Date: 9 JUN 2022 11:49:01



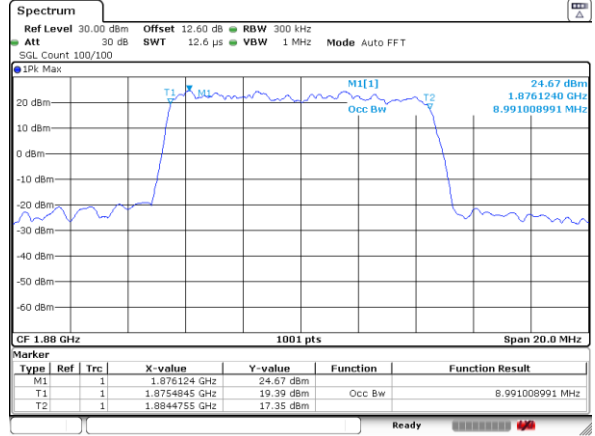
LTE Band 2

Middle Channel / 10MHz / QPSK



Date: 9 JUN 2022 11:51:20

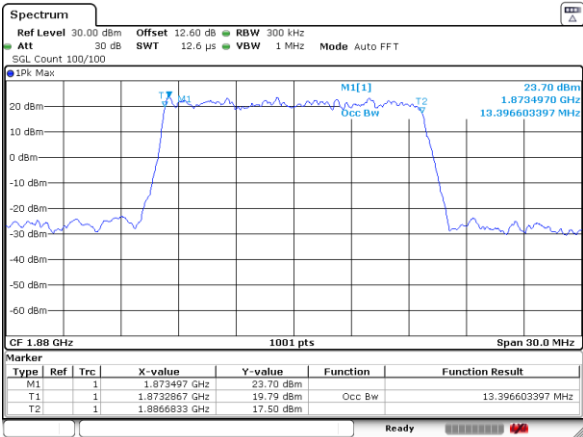
Middle Channel / 10MHz / 16QAM



Date: 9 JUN 2022 11:50:31

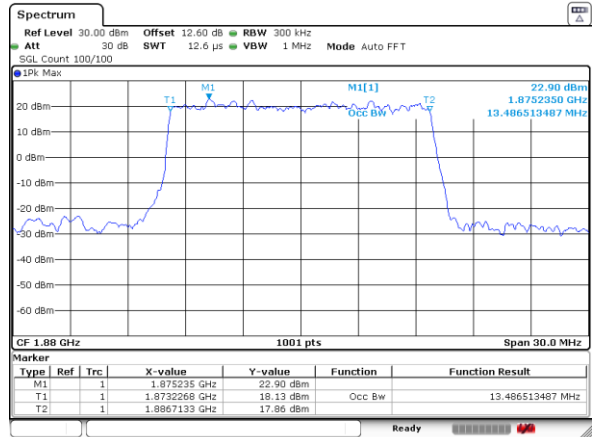
LTE Band 2

Middle Channel / 15MHz / QPSK



Date: 9 JUN 2022 11:56:41

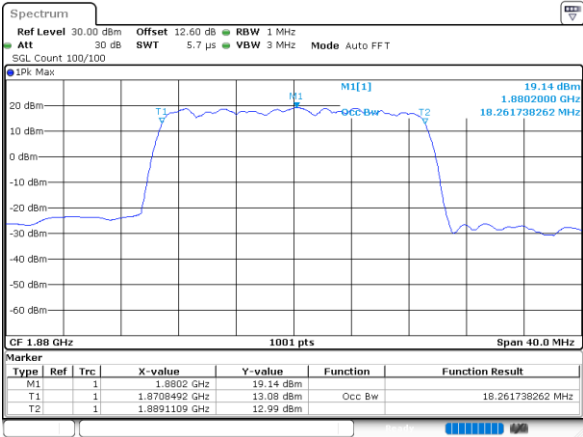
Middle Channel / 15MHz / 16QAM



Date: 9 JUN 2022 11:57:27

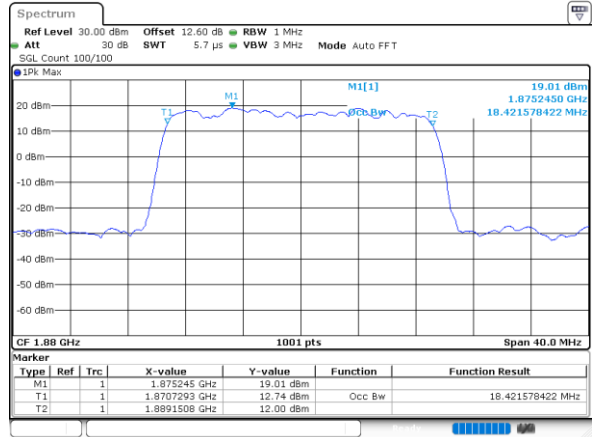
LTE Band 2

Middle Channel / 20MHz / QPSK



Date: 2 JUN 2022 16:35:16

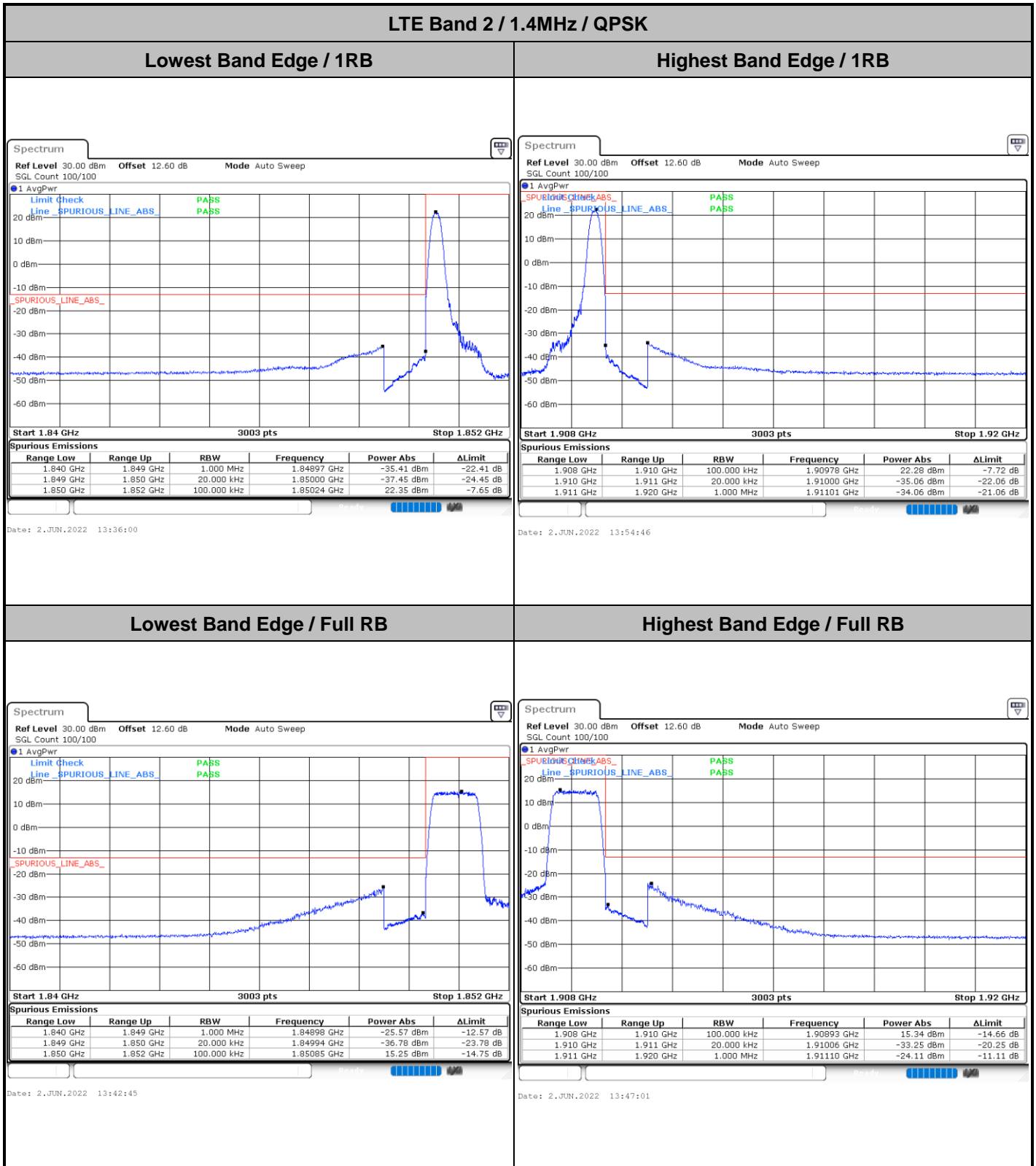
Middle Channel / 20MHz / 16QAM



Date: 2 JUN 2022 16:36:21



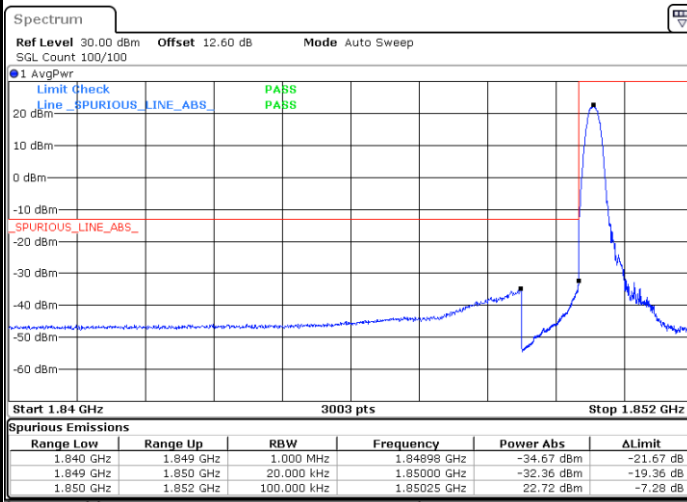
Conducted Band Edge





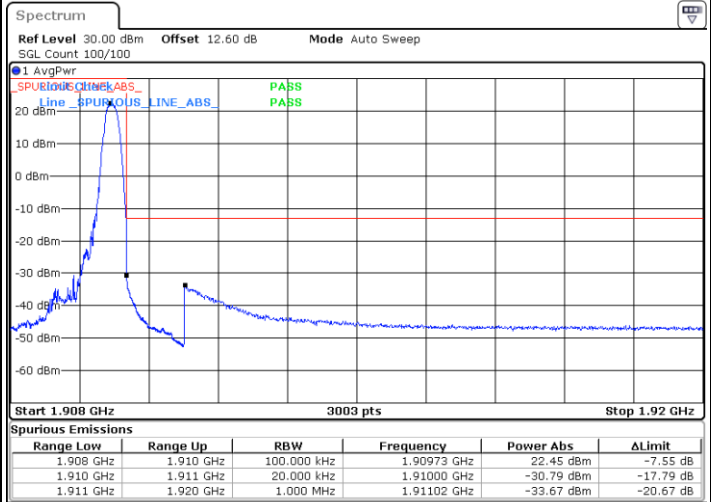
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



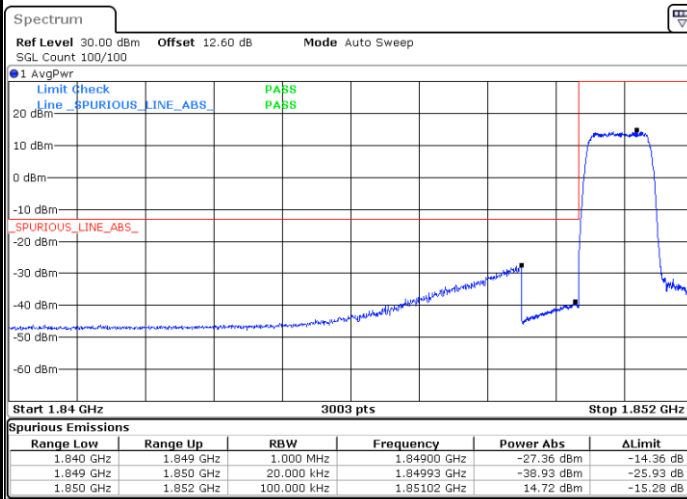
Date: 2 JUN, 2022 13:37:27

Highest Band Edge / 1 RB



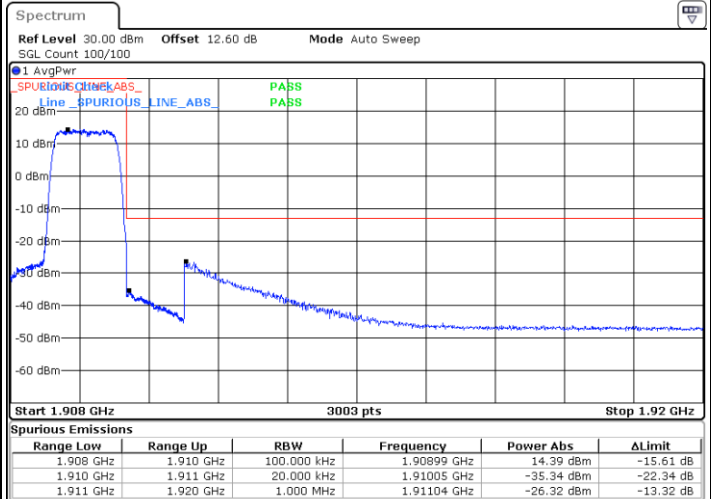
Date: 2 JUN, 2022 13:53:37

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 13:41:42

Highest Band Edge / Full RB

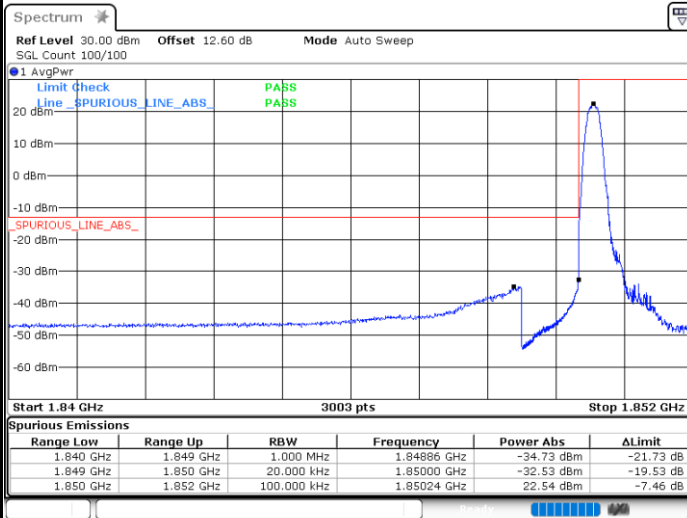


Date: 2 JUN, 2022 13:48:06



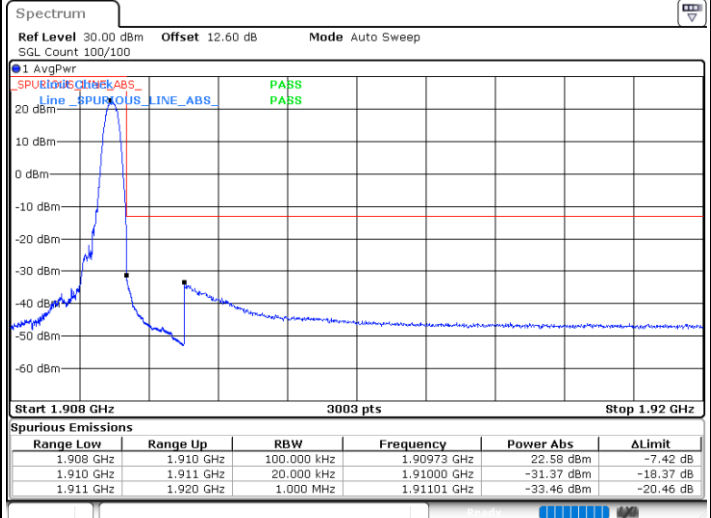
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



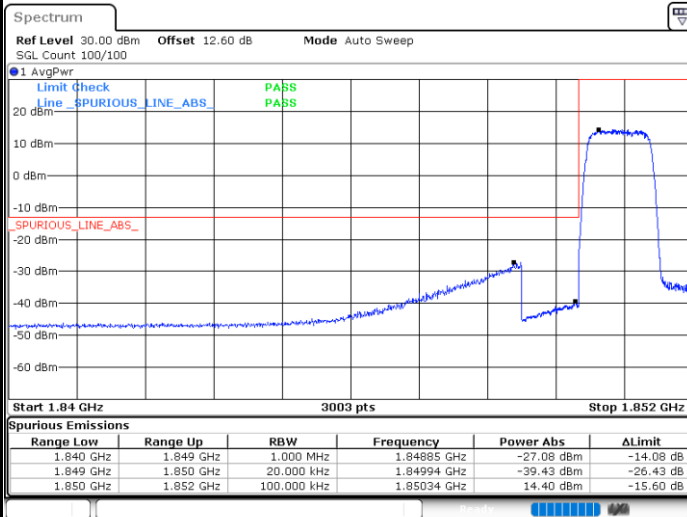
Date: 2 JUN, 2022 13:39:09

Highest Band Edge / 1 RB



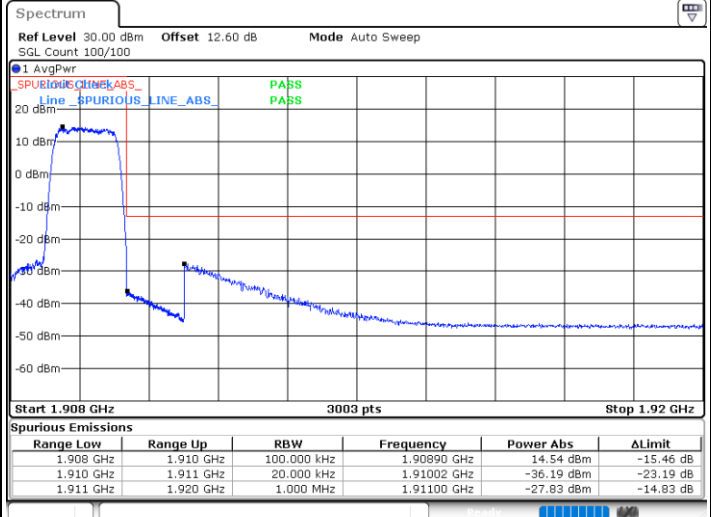
Date: 2 JUN, 2022 13:52:22

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 13:40:32

Highest Band Edge / Full RB

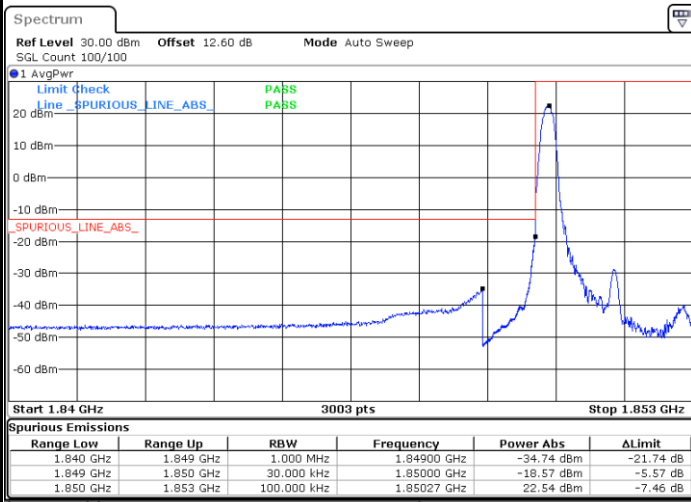


Date: 2 JUN, 2022 13:51:07



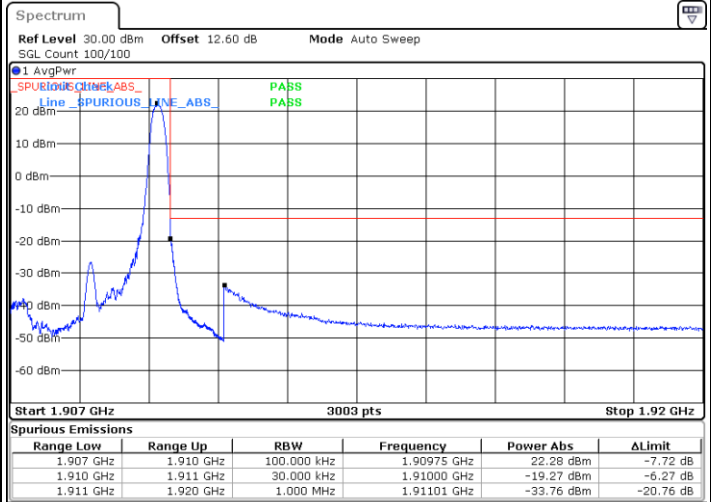
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



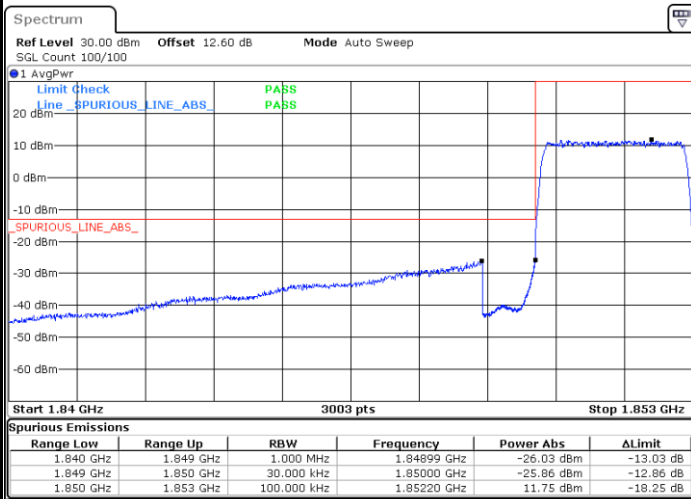
Date: 2 JUN, 2022 14:32:32

Highest Band Edge / 1 RB



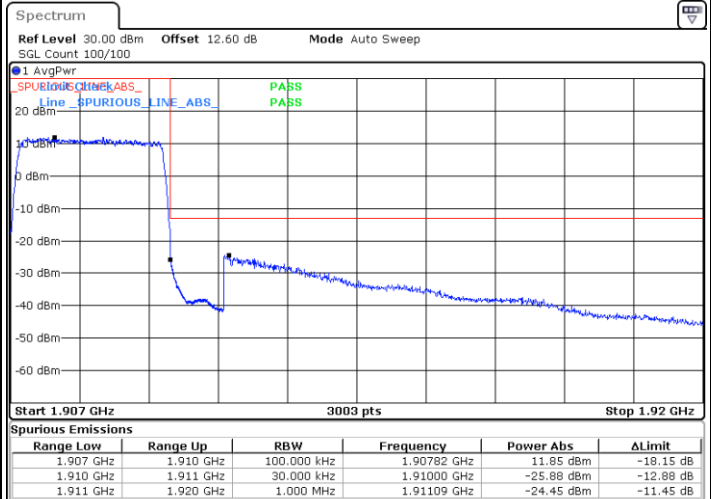
Date: 2 JUN, 2022 14:20:17

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:15:52

Highest Band Edge / Full RB

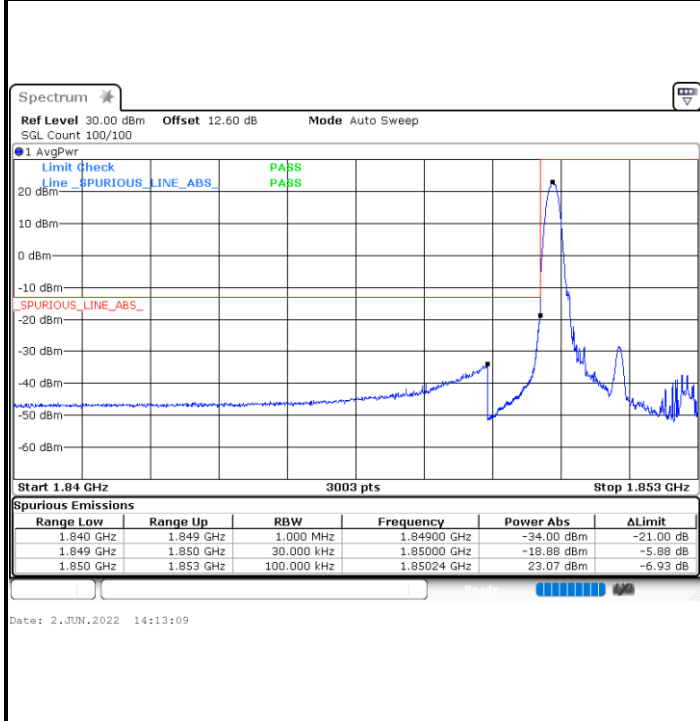


Date: 2 JUN, 2022 14:16:46

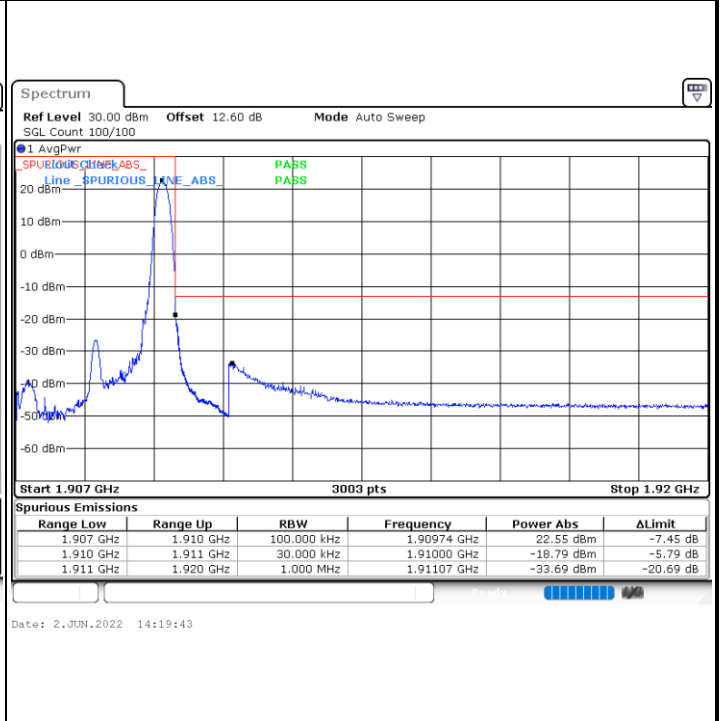


LTE Band 2 / 3MHz / 16QAM

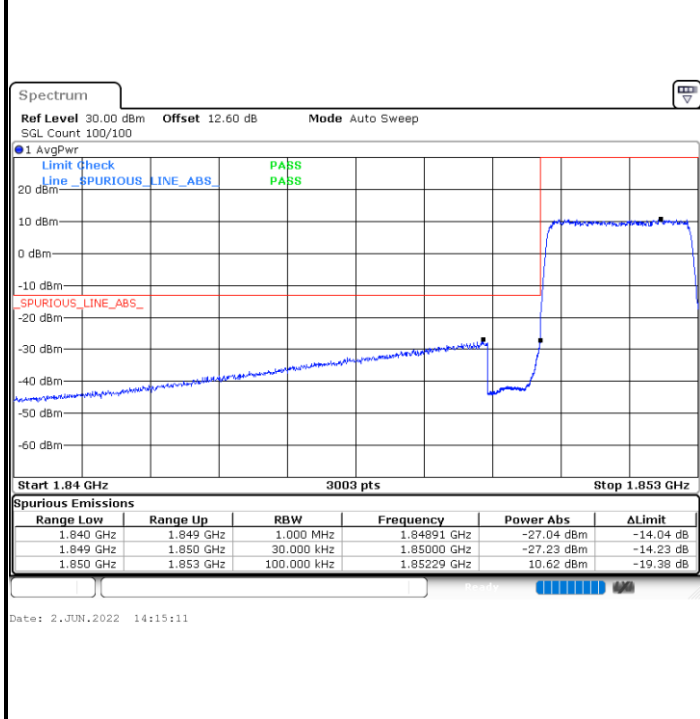
Lowest Band Edge / 1 RB



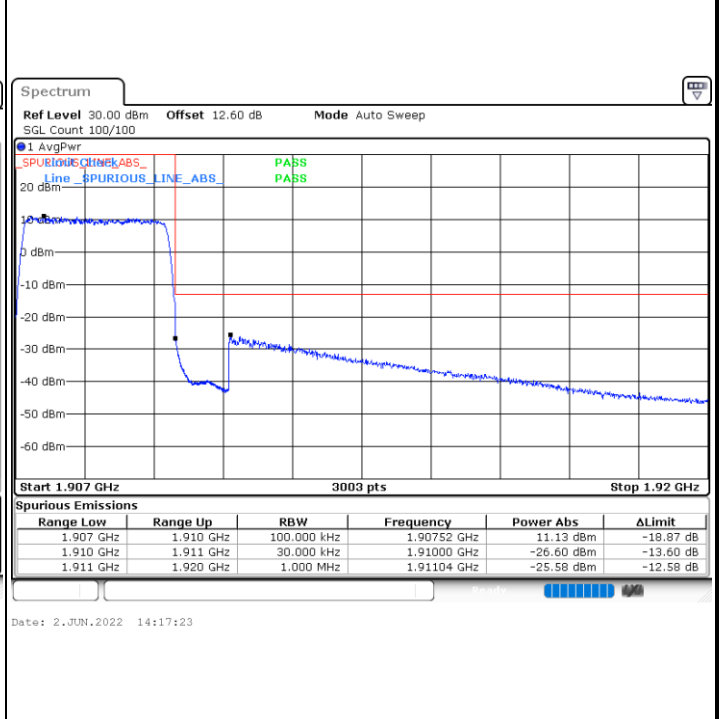
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



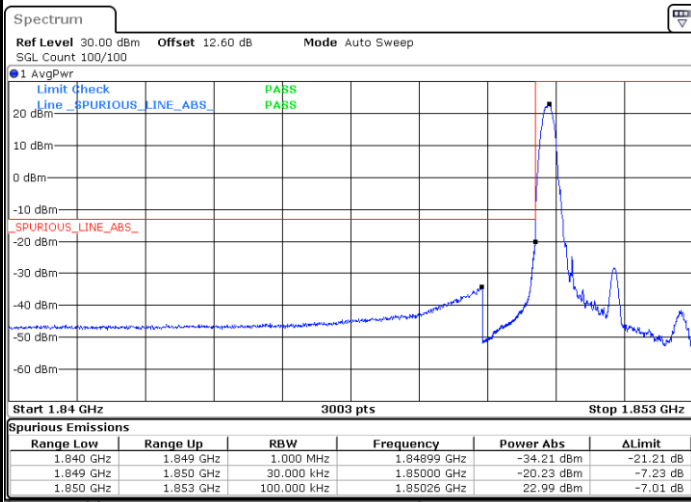
Highest Band Edge / Full RB





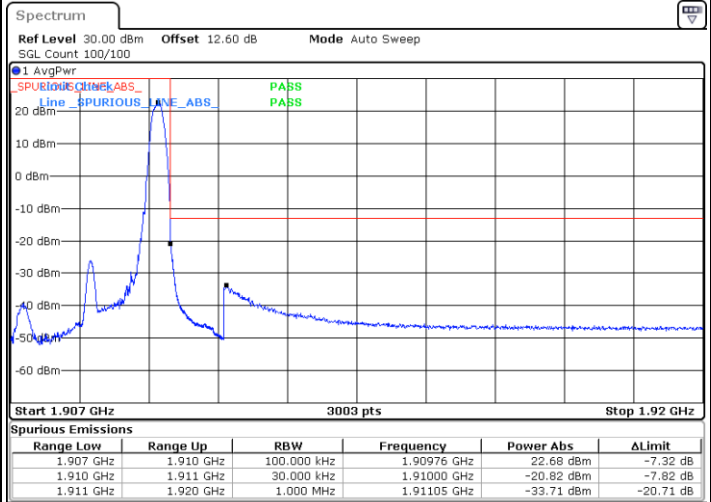
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



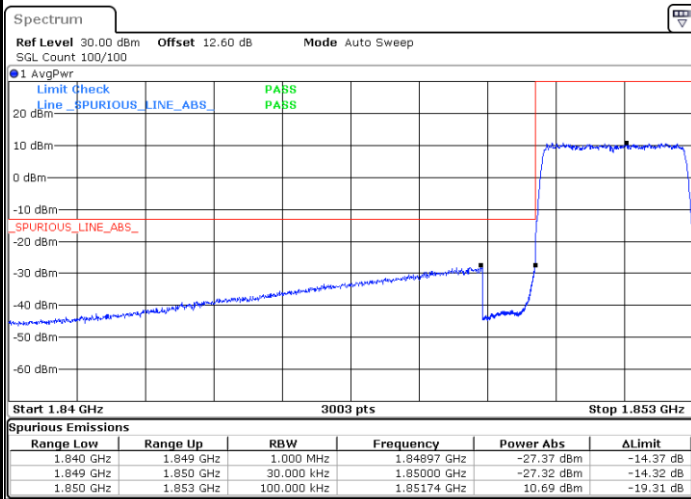
Date: 2.JUN.2022 14:13:47

Highest Band Edge / 1 RB



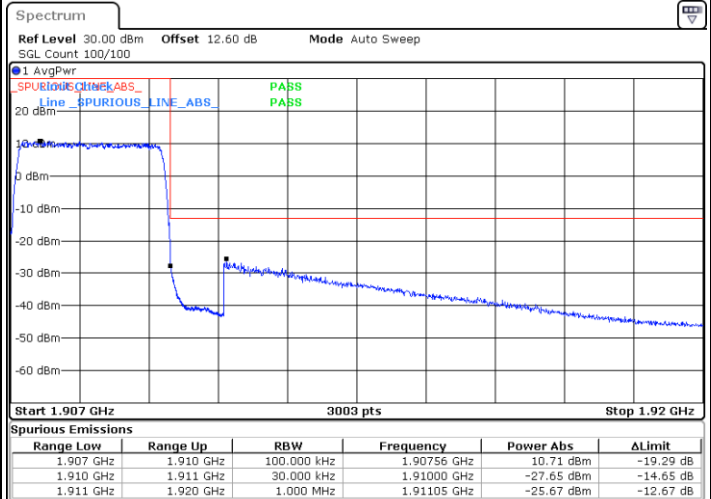
Date: 2.JUN.2022 14:19:04

Lowest Band Edge / Full RB



Date: 2.JUN.2022 14:14:28

Highest Band Edge / Full RB

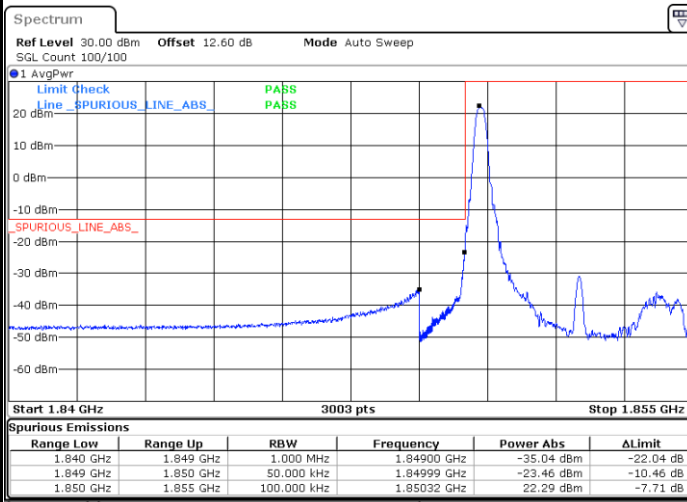


Date: 2.JUN.2022 14:18:06



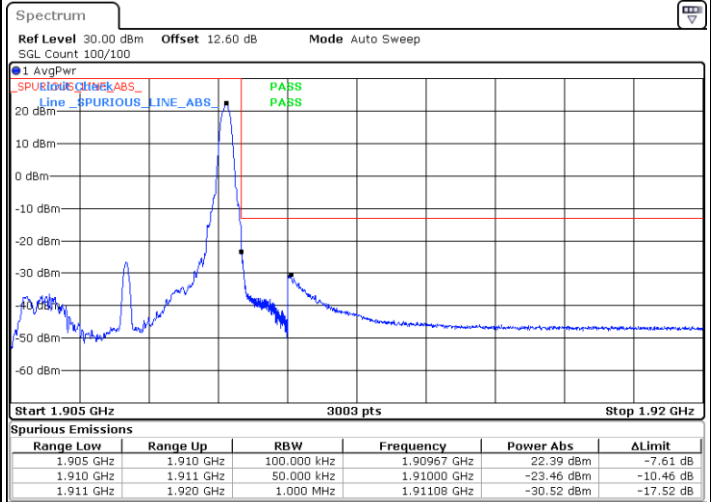
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



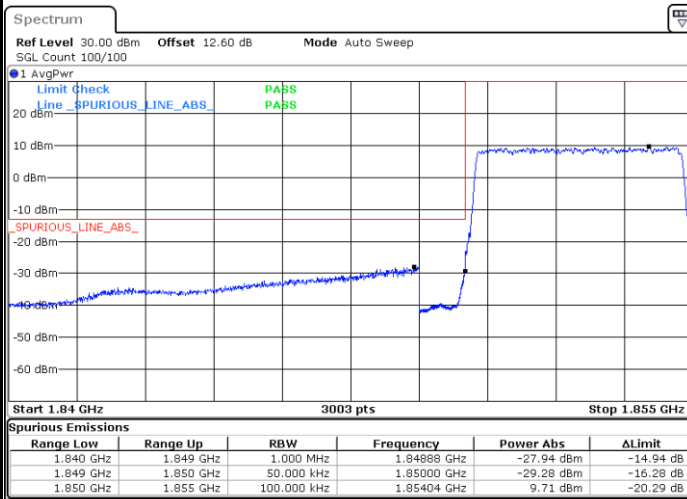
Date: 2 JUN, 2022 14:25:42

Highest Band Edge / 1 RB



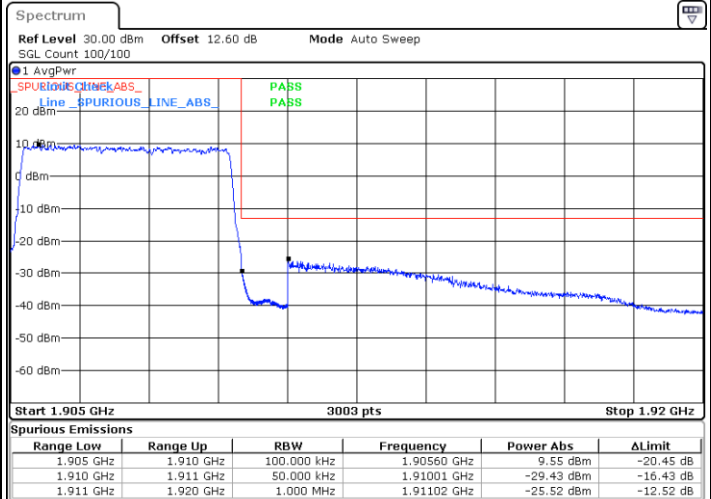
Date: 2 JUN, 2022 14:31:14

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:27:49

Highest Band Edge / Full RB

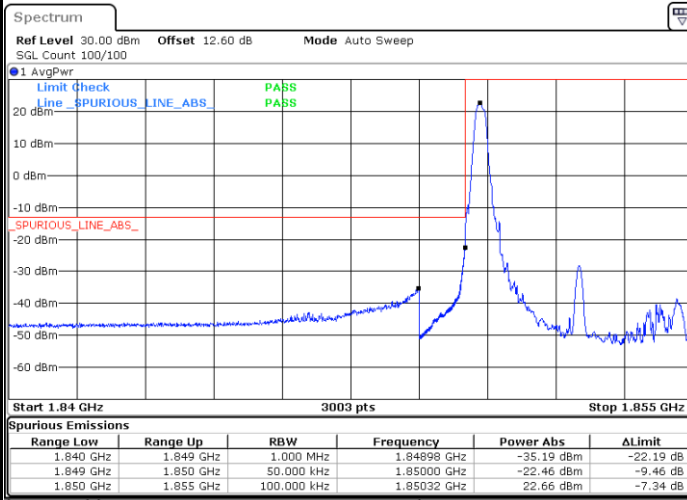


Date: 2 JUN, 2022 14:29:11



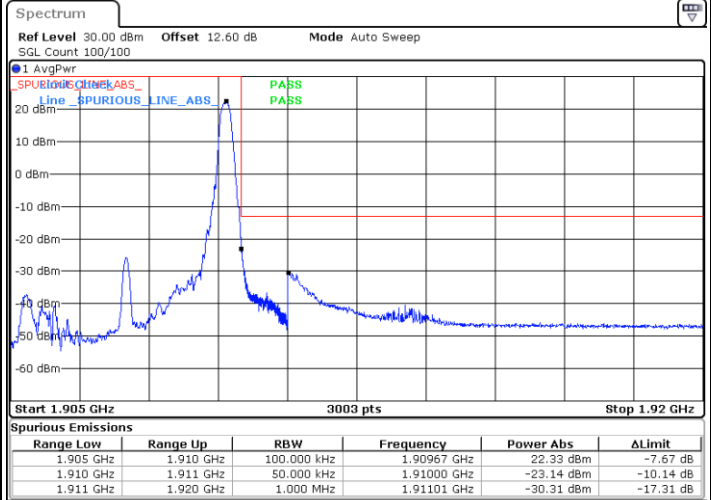
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



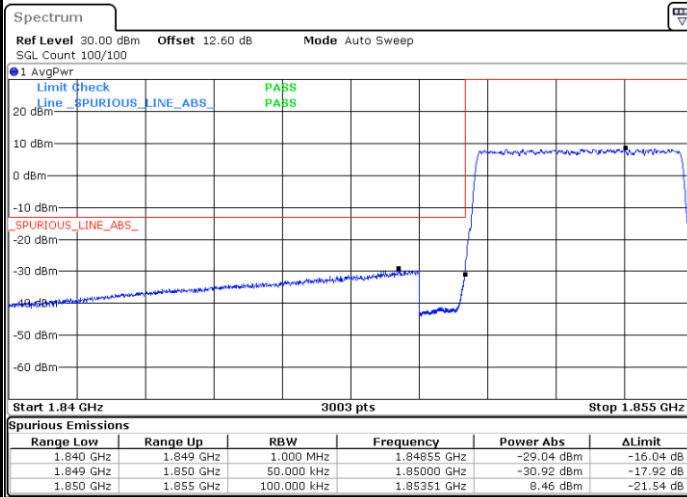
Date: 2 JUN, 2022 14:26:09

Highest Band Edge / 1 RB



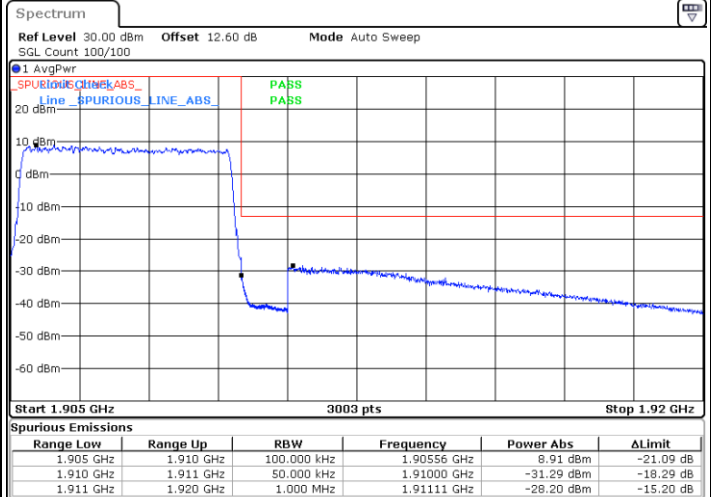
Date: 2 JUN, 2022 14:30:55

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:27:28

Highest Band Edge / Full RB

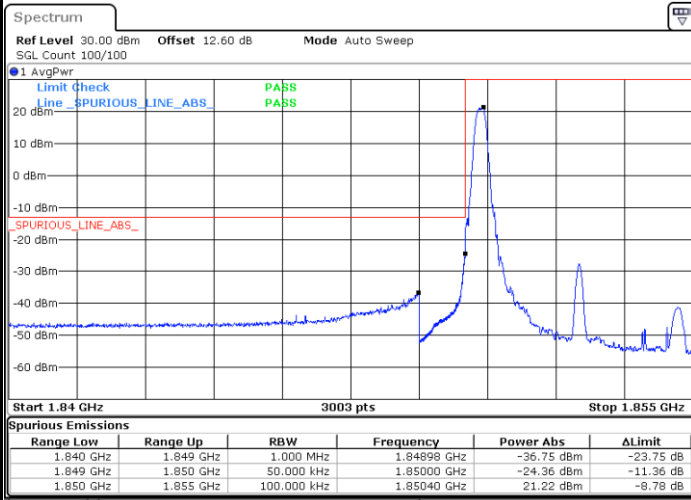


Date: 2 JUN, 2022 14:29:38



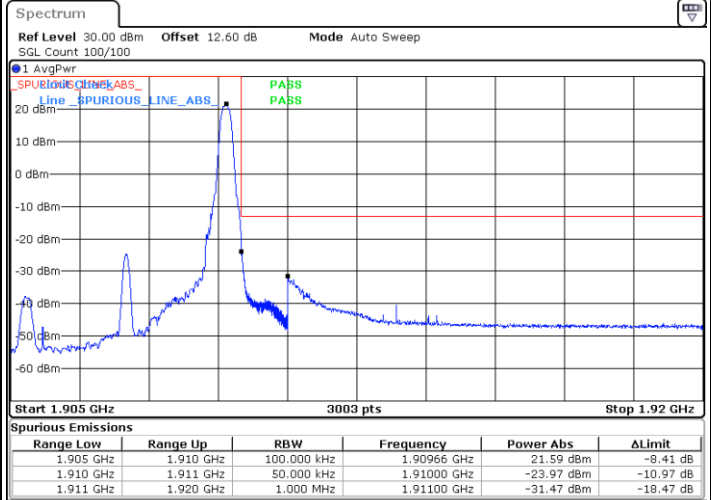
LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1RB



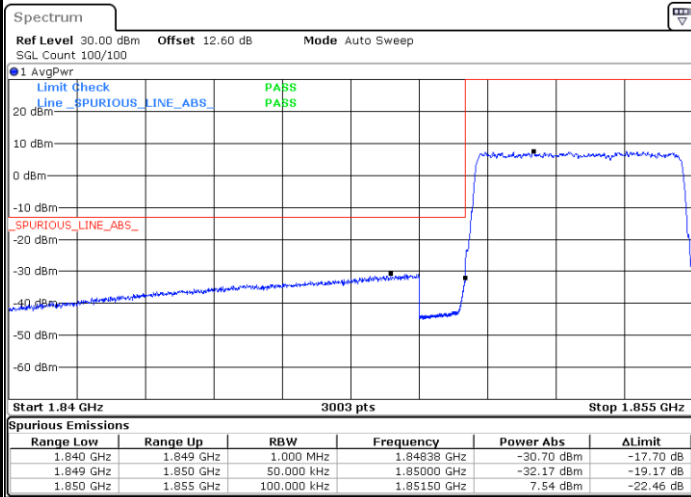
Date: 2 JUN, 2022 14:26:41

Highest Band Edge / 1 RB



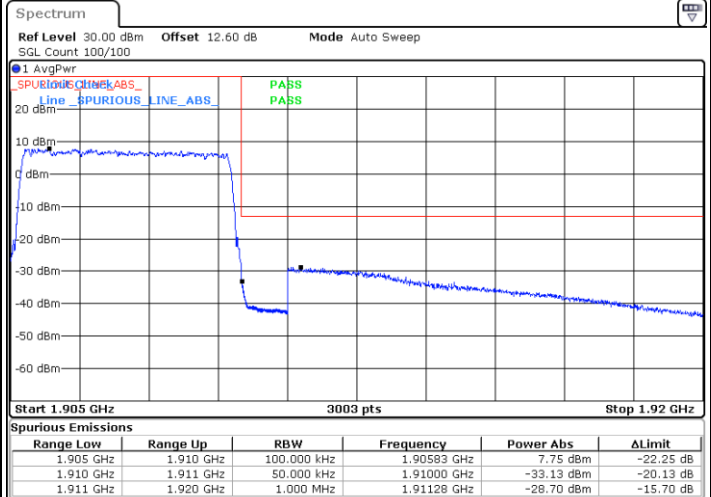
Date: 2 JUN, 2022 14:30:32

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:27:08

Highest Band Edge / Full RB

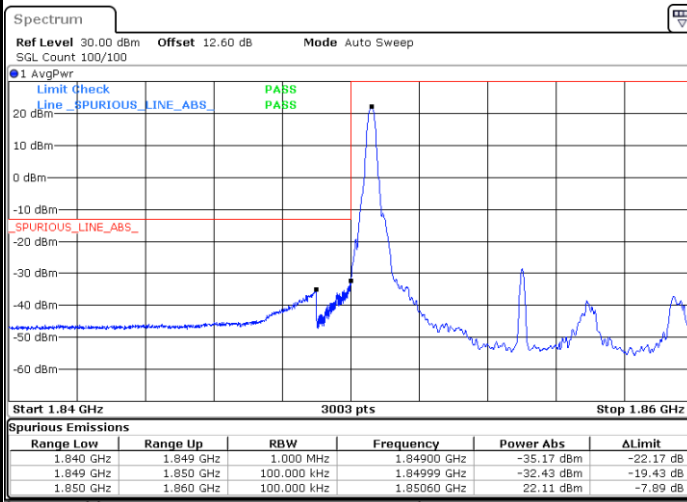


Date: 2 JUN, 2022 14:30:04



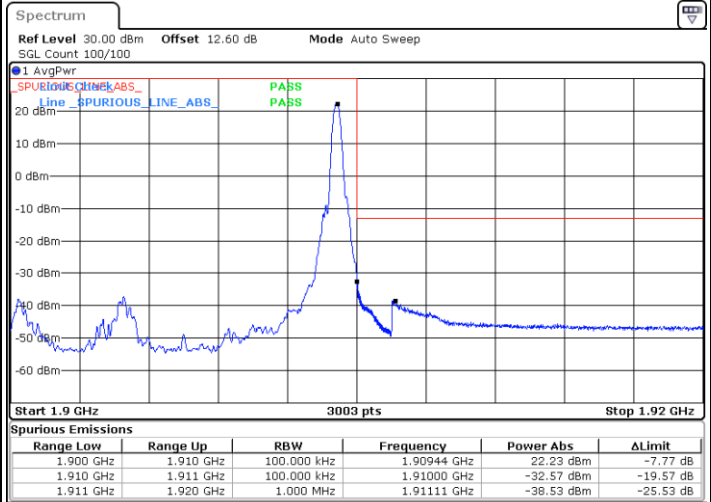
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



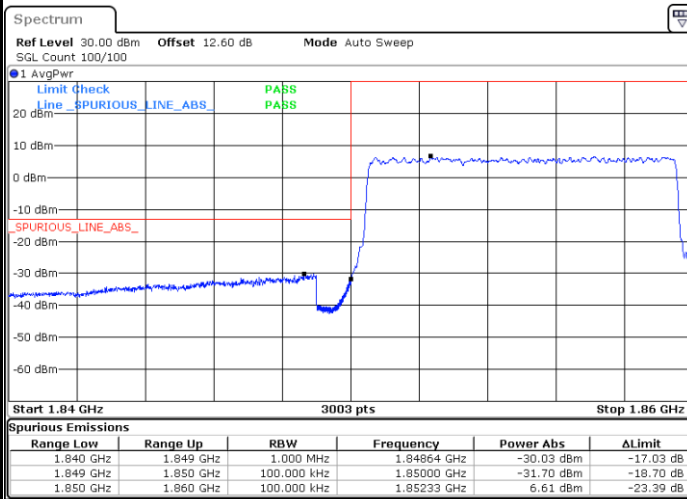
Date: 2 JUN, 2022 14:36:46

Highest Band Edge / 1 RB



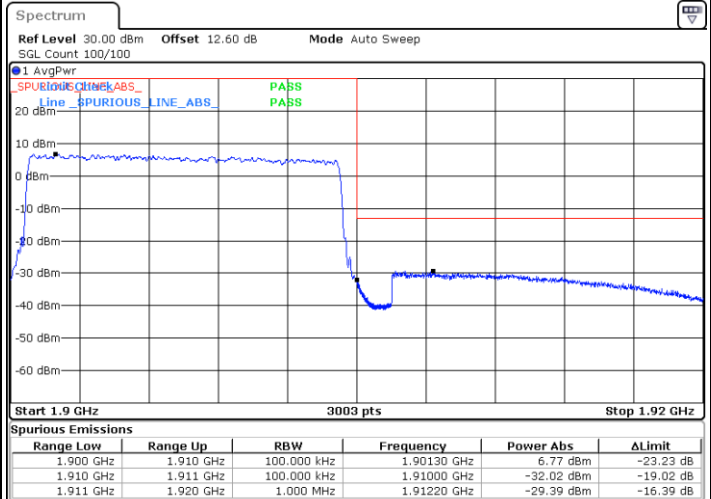
Date: 2 JUN, 2022 14:40:15

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:38:21

Highest Band Edge / Full RB

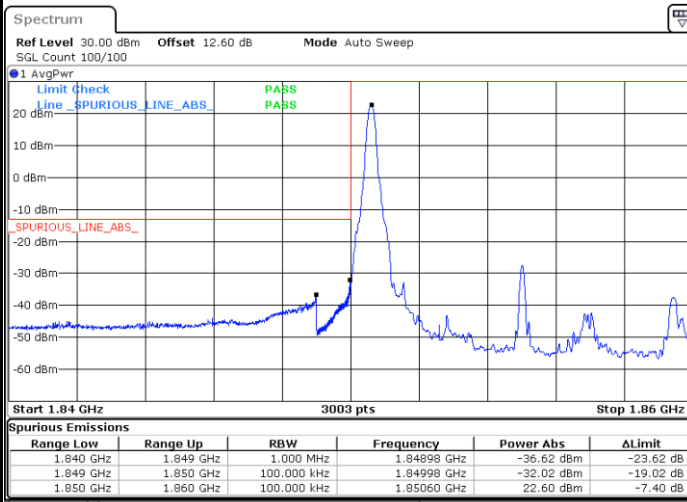


Date: 2 JUN, 2022 14:38:55



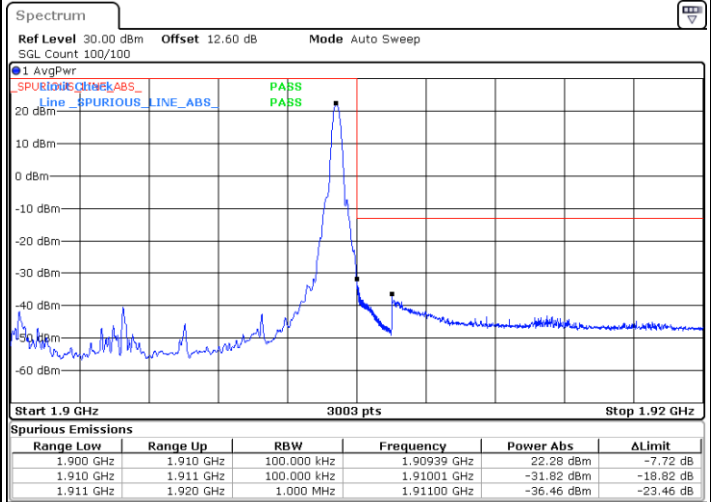
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



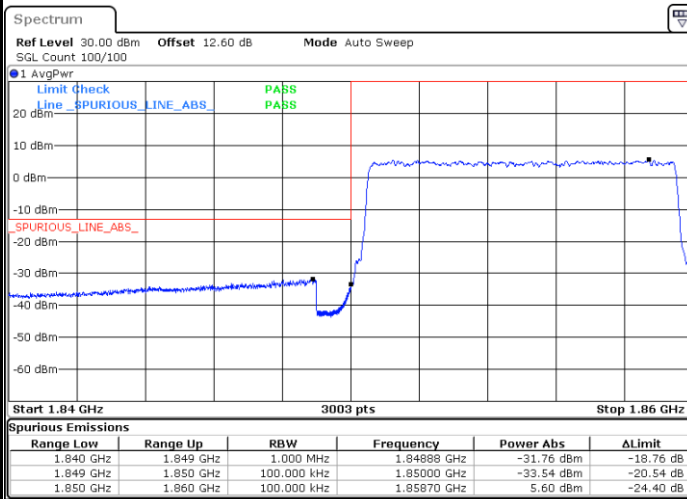
Date: 2.JUN.2022 14:37:01

Highest Band Edge / 1 RB



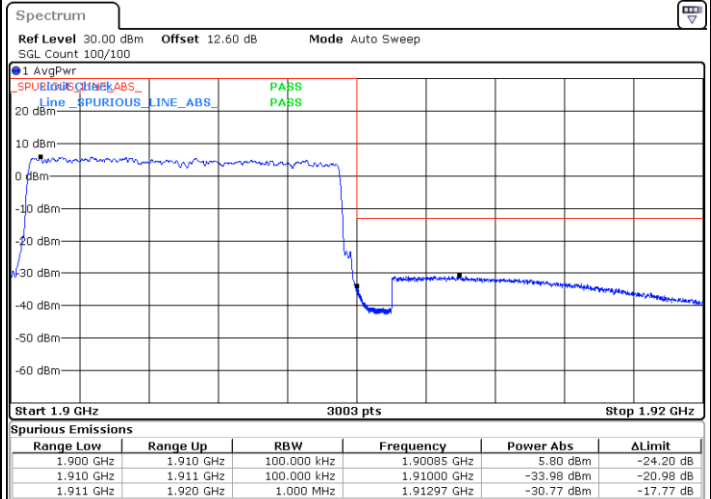
Date: 2.JUN.2022 14:39:58

Lowest Band Edge / Full RB



Date: 2.JUN.2022 14:38:02

Highest Band Edge / Full RB

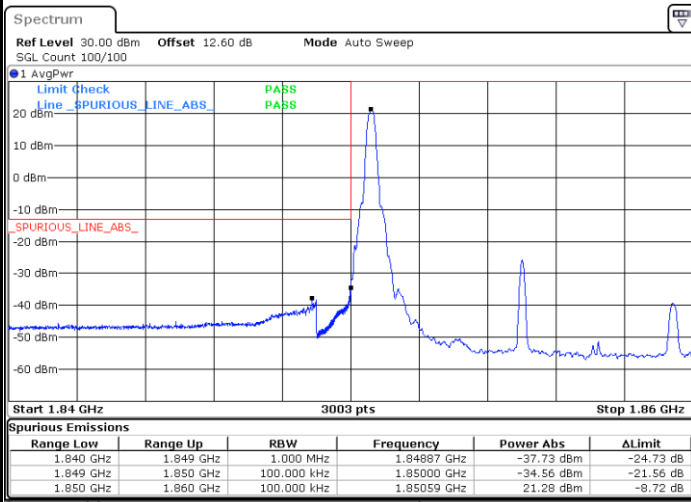


Date: 2.JUN.2022 14:39:09



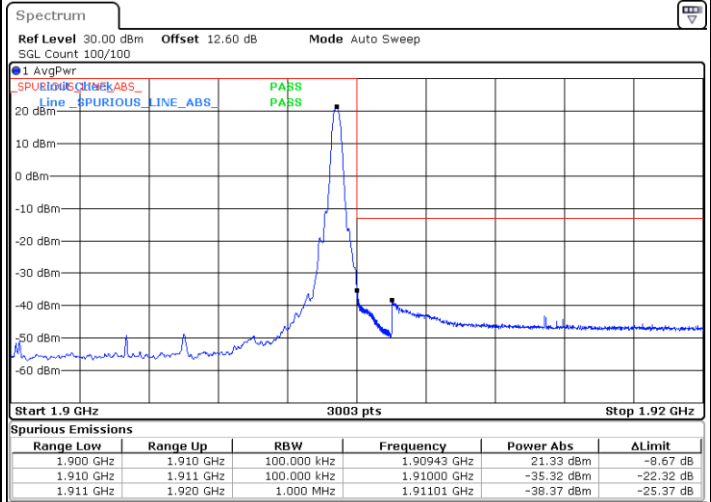
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



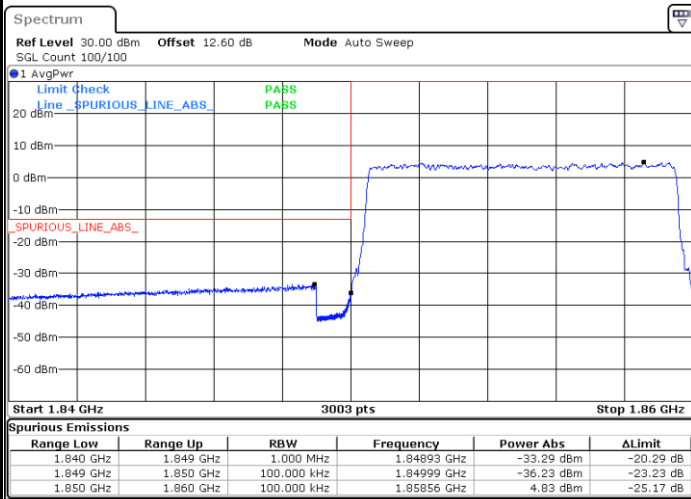
Date: 2.JUN.2022 14:37:19

Highest Band Edge / 1 RB



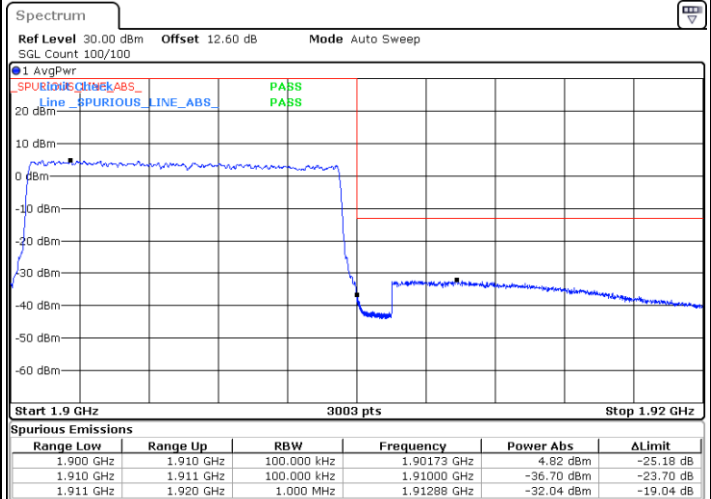
Date: 2.JUN.2022 14:39:44

Lowest Band Edge / Full RB



Date: 2.JUN.2022 14:37:42

Highest Band Edge / Full RB

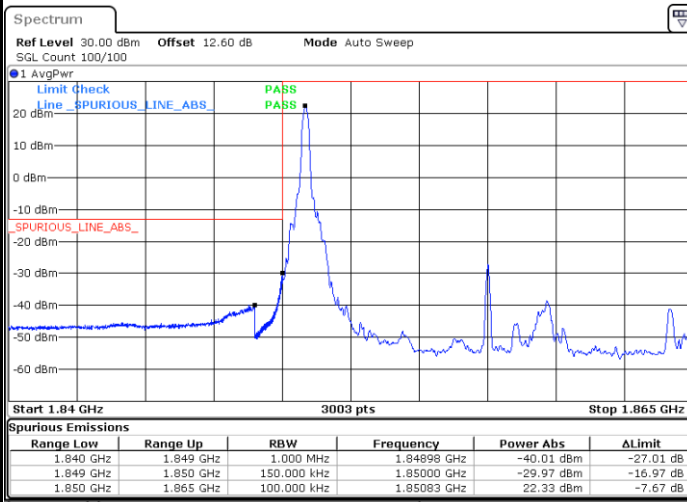


Date: 2.JUN.2022 14:39:22



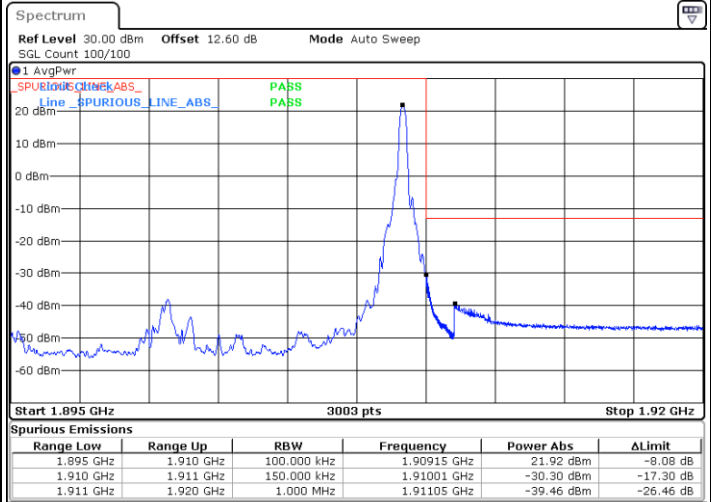
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



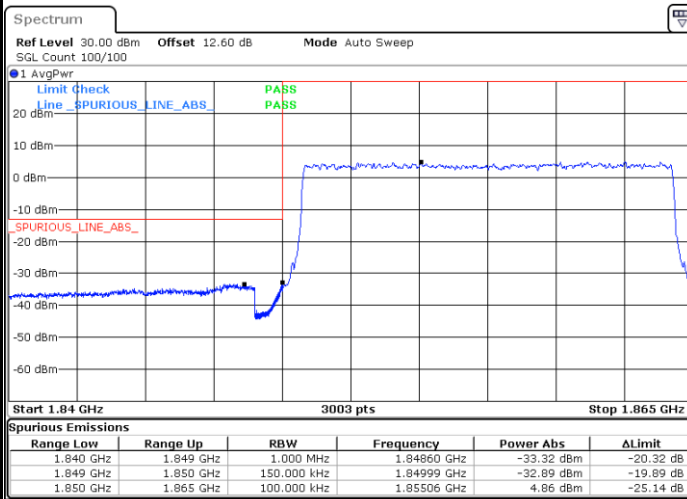
Date: 2.JUN.2022 14:41:17

Highest Band Edge / 1 RB



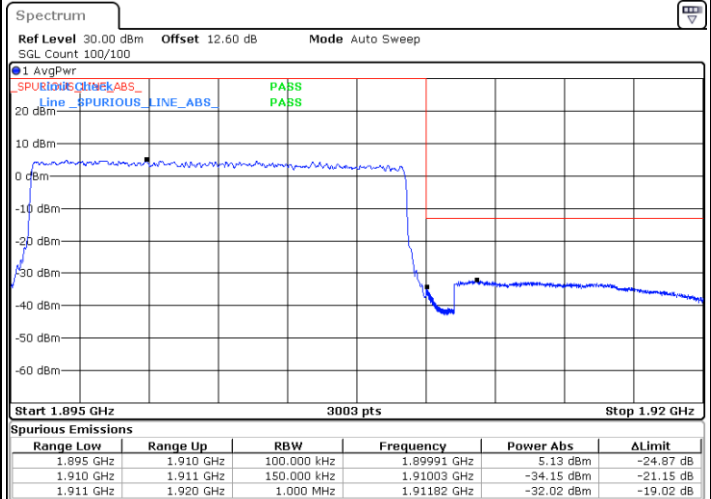
Date: 2.JUN.2022 14:44:24

Lowest Band Edge / Full RB



Date: 2.JUN.2022 14:42:40

Highest Band Edge / Full RB

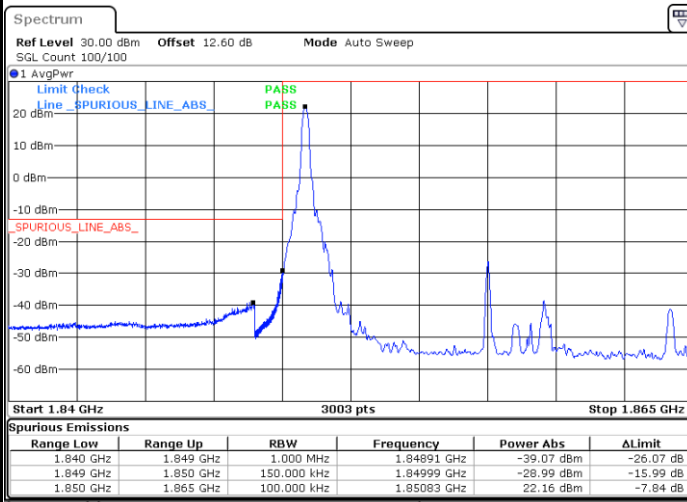


Date: 2.JUN.2022 14:45:34



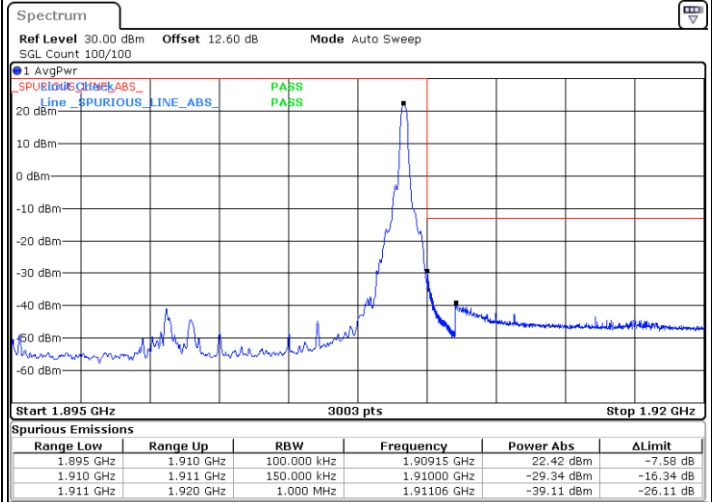
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



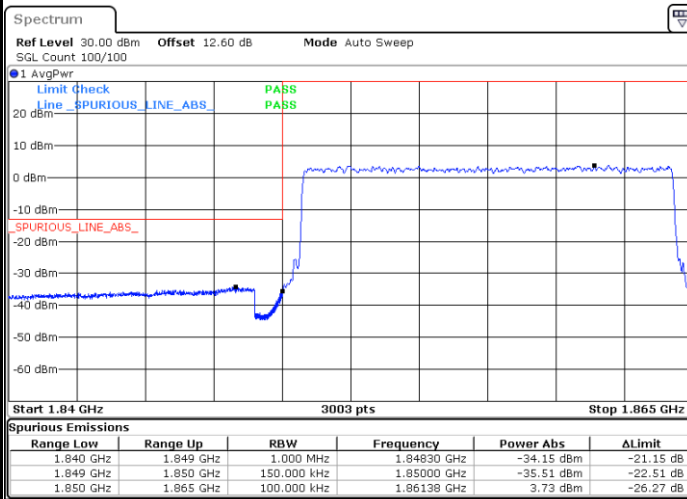
Date: 2 JUN, 2022 14:41:33

Highest Band Edge / 1 RB



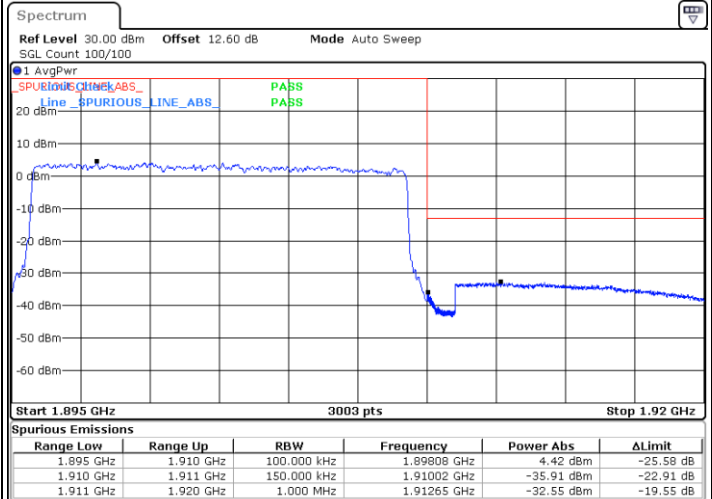
Date: 2 JUN, 2022 14:44:35

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:42:28

Highest Band Edge / Full RB

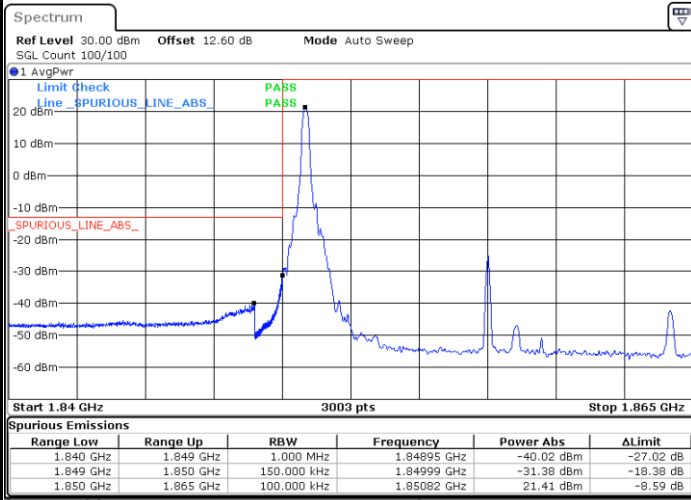


Date: 2 JUN, 2022 14:45:23



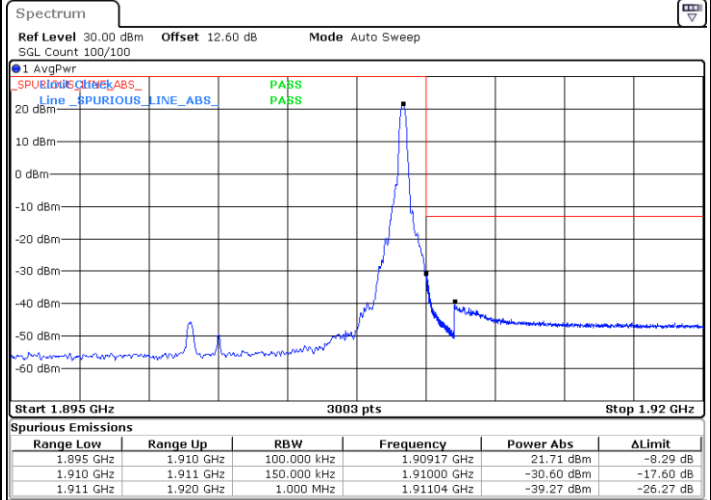
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



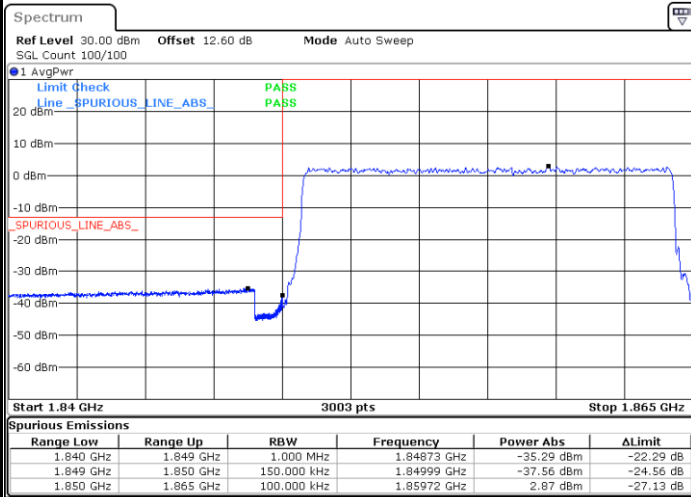
Date: 2 JUN, 2022 14:41:50

Highest Band Edge / 1 RB



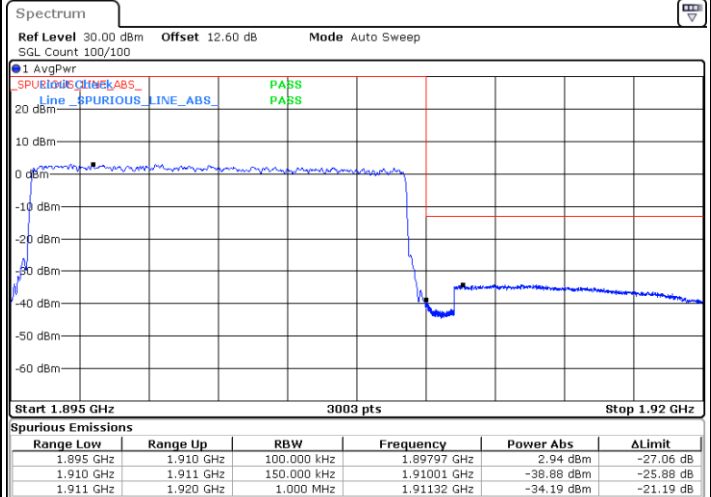
Date: 2 JUN, 2022 14:44:47

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:42:14

Highest Band Edge / Full RB

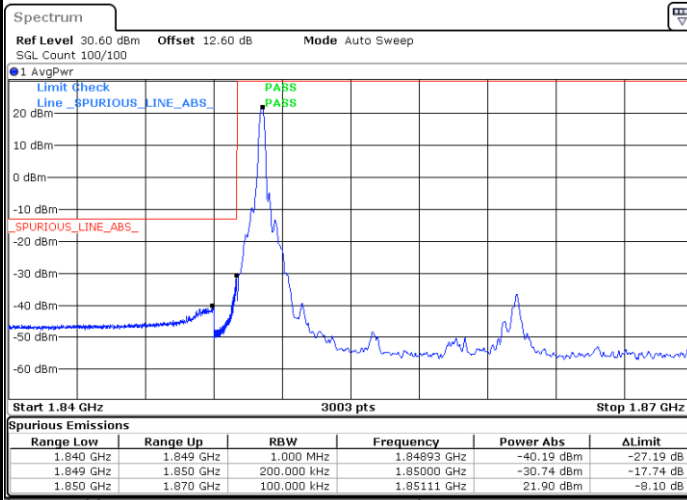


Date: 2 JUN, 2022 14:45:09



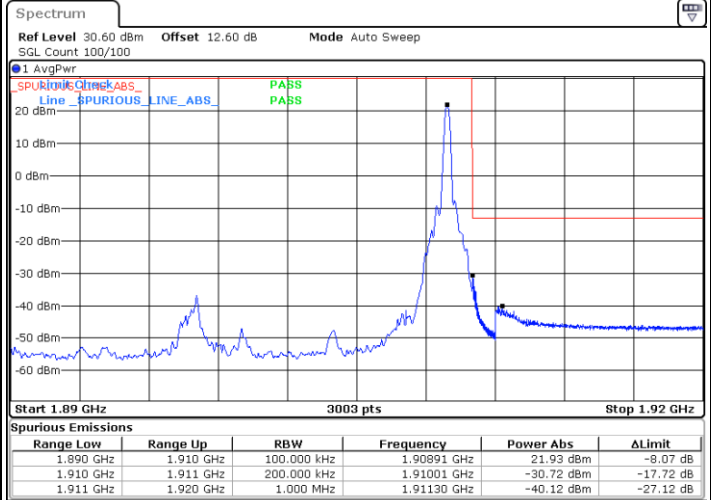
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



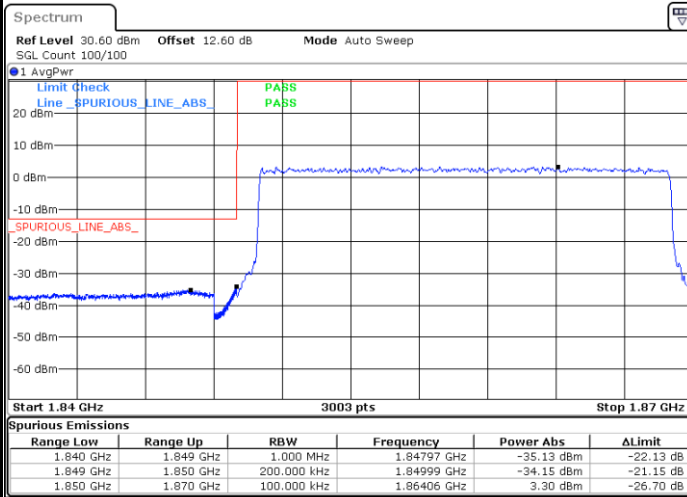
Date: 2.JUN.2022 14:47:58

Highest Band Edge / 1 RB



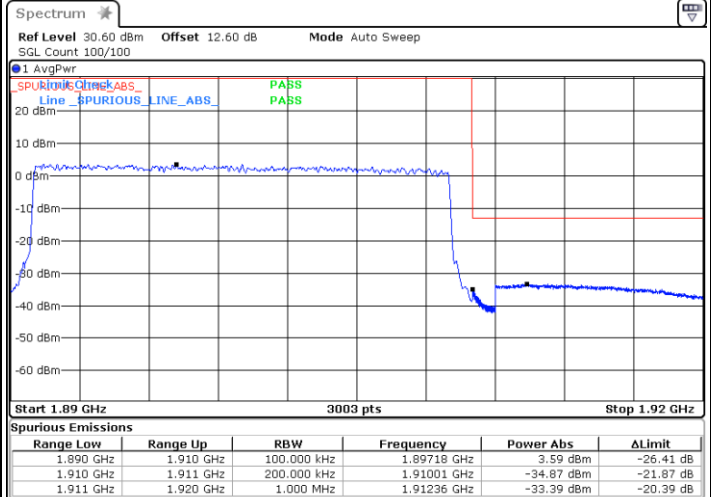
Date: 2.JUN.2022 14:55:43

Lowest Band Edge / Full RB



Date: 2.JUN.2022 14:49:03

Highest Band Edge / Full RB

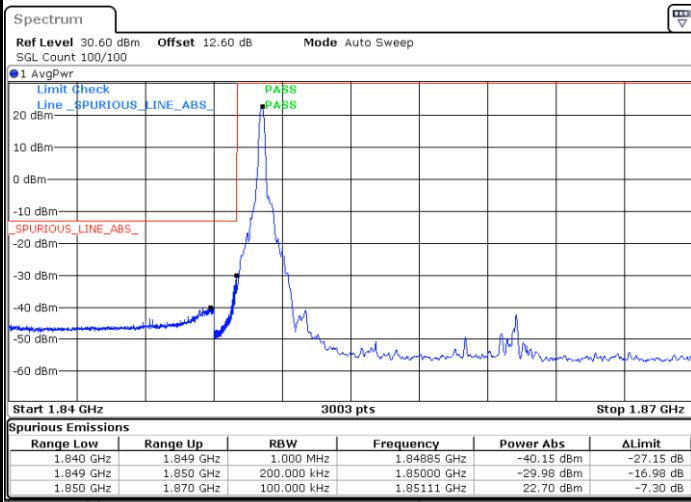


Date: 2.JUN.2022 14:49:56



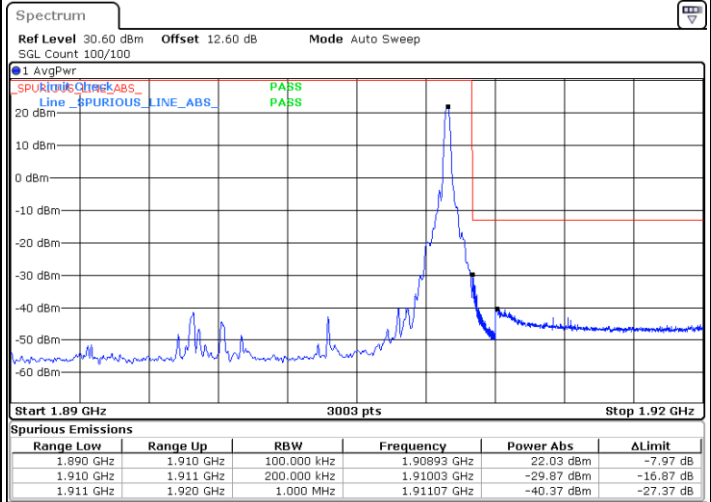
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



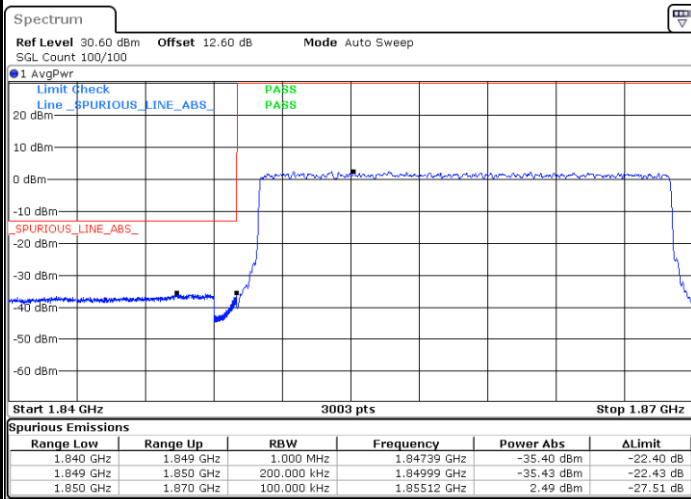
Date: 2.JUN.2022 14:48:09

Highest Band Edge / 1 RB



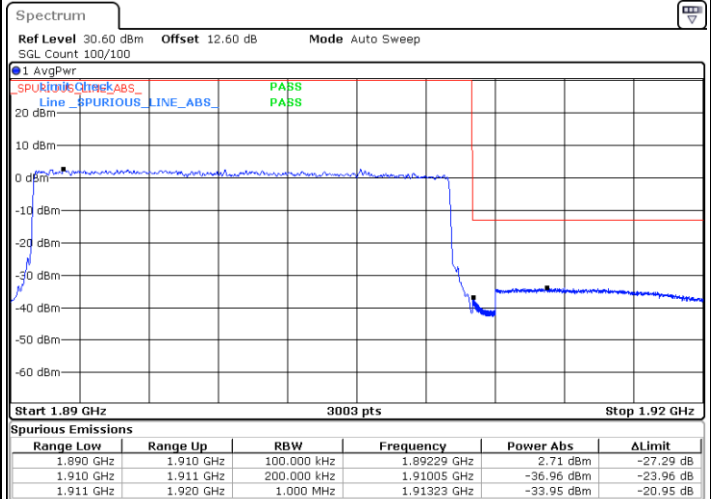
Date: 2.JUN.2022 14:55:30

Lowest Band Edge / Full RB



Date: 2.JUN.2022 14:48:51

Highest Band Edge / Full RB

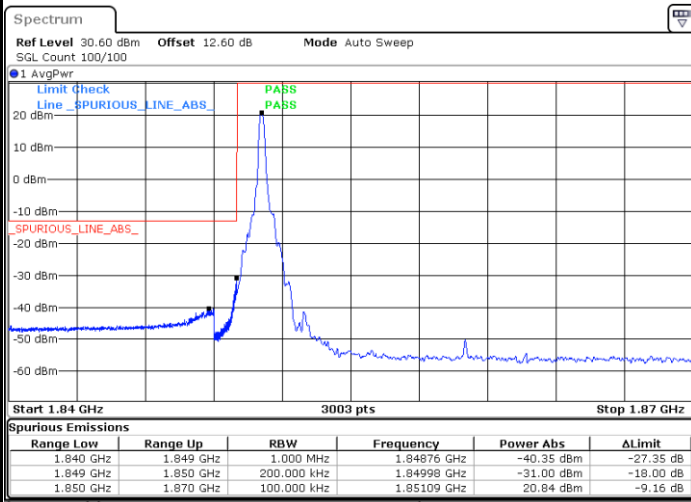


Date: 2.JUN.2022 14:50:10



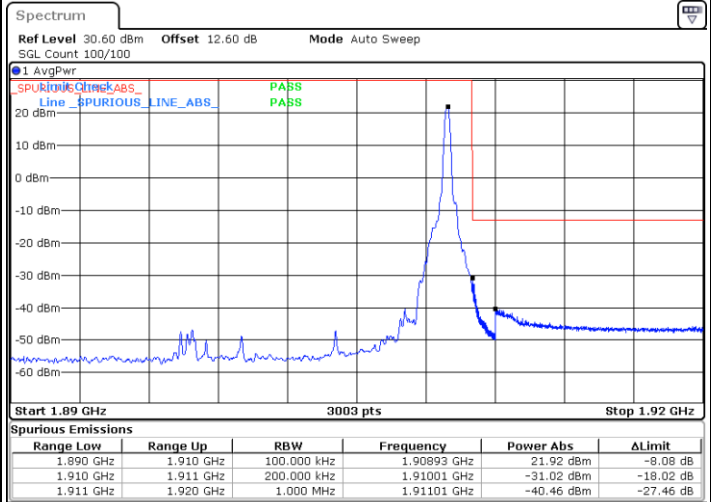
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



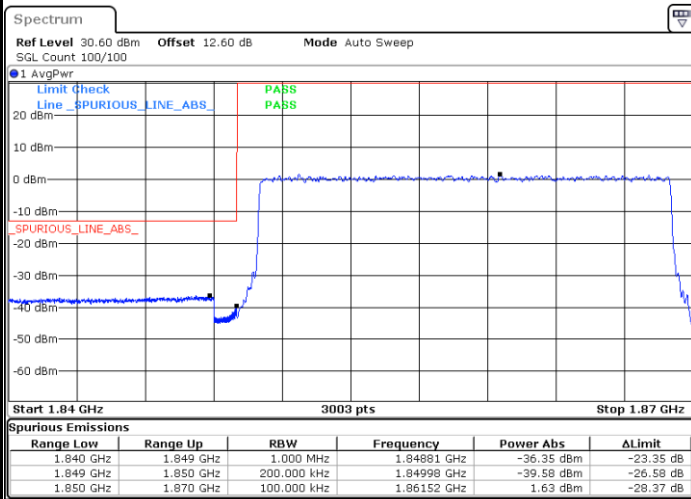
Date: 2 JUN, 2022 14:48:24

Highest Band Edge / 1 RB



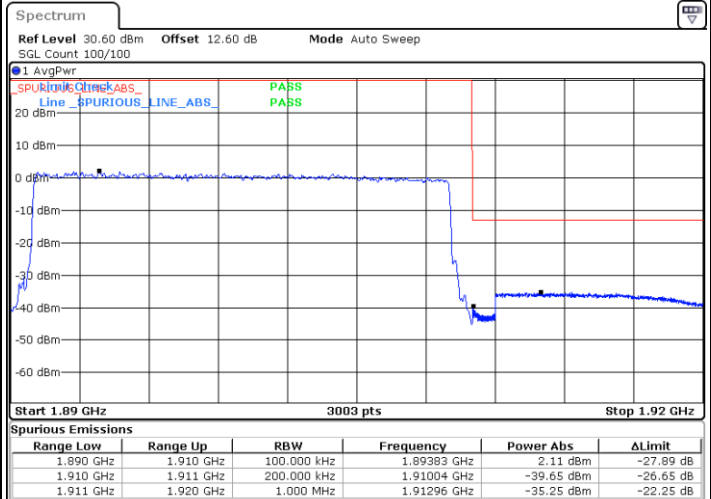
Date: 2 JUN, 2022 14:55:18

Lowest Band Edge / Full RB



Date: 2 JUN, 2022 14:48:41

Highest Band Edge / Full RB



Date: 2 JUN, 2022 14:50:39

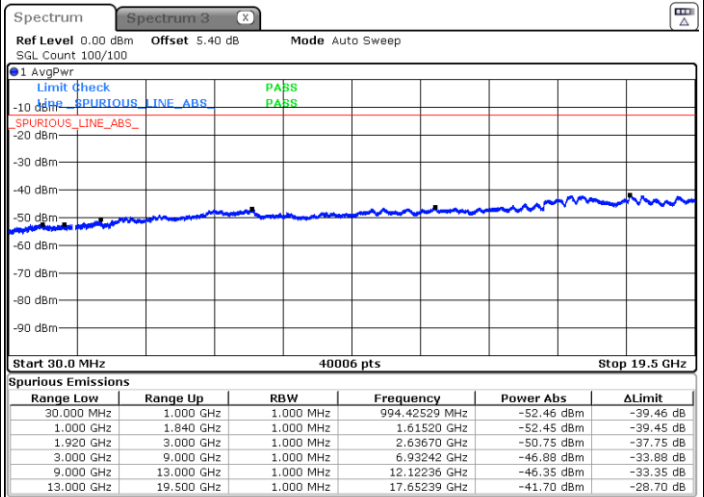
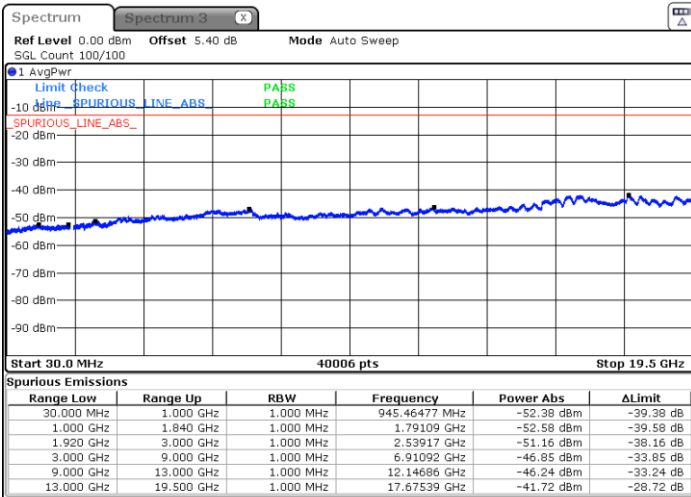


Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

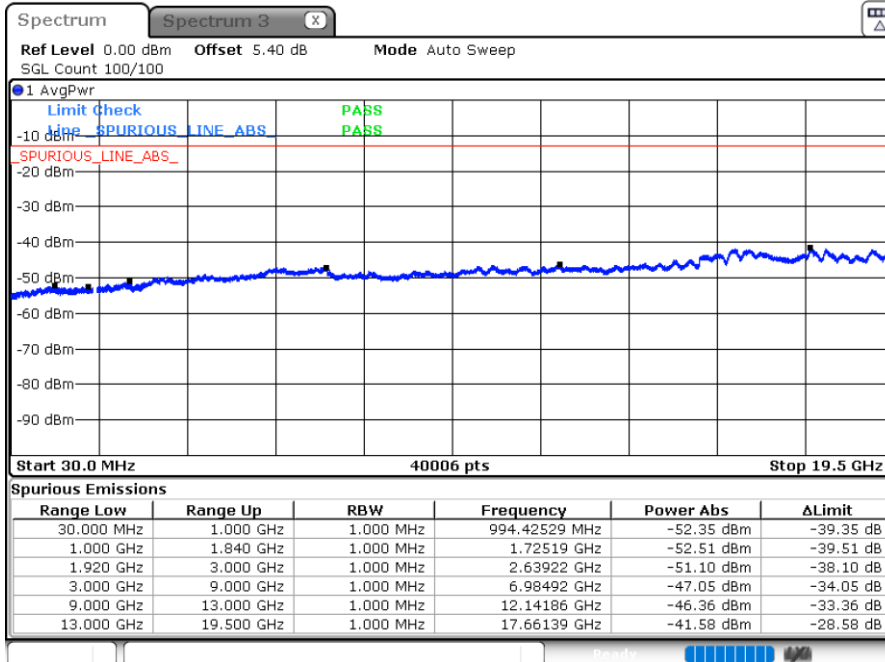
Middle Channel / QPSK



Date: 9.JUN.2022 09:16:00

Date: 9.JUN.2022 09:28:27

Highest Channel / QPSK



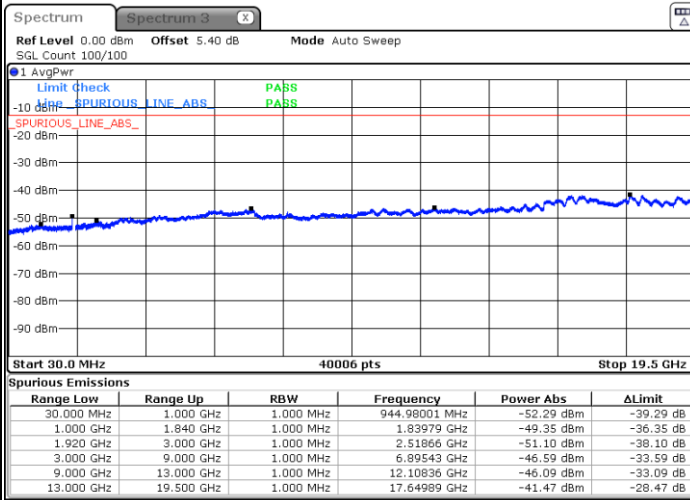
Date: 9.JUN.2022 09:29:20



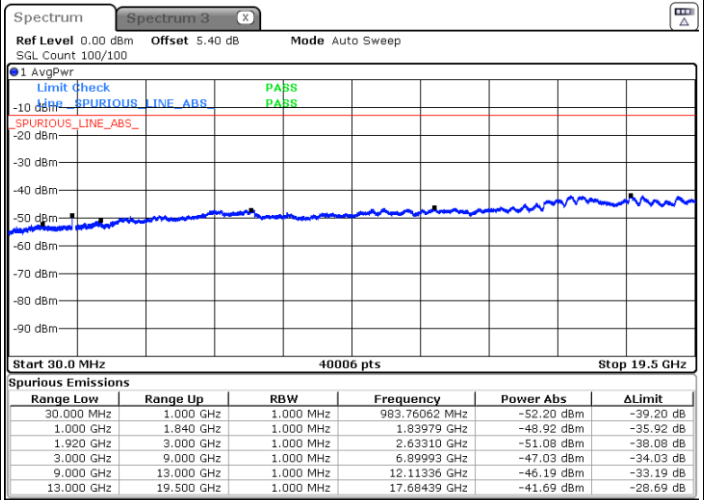
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

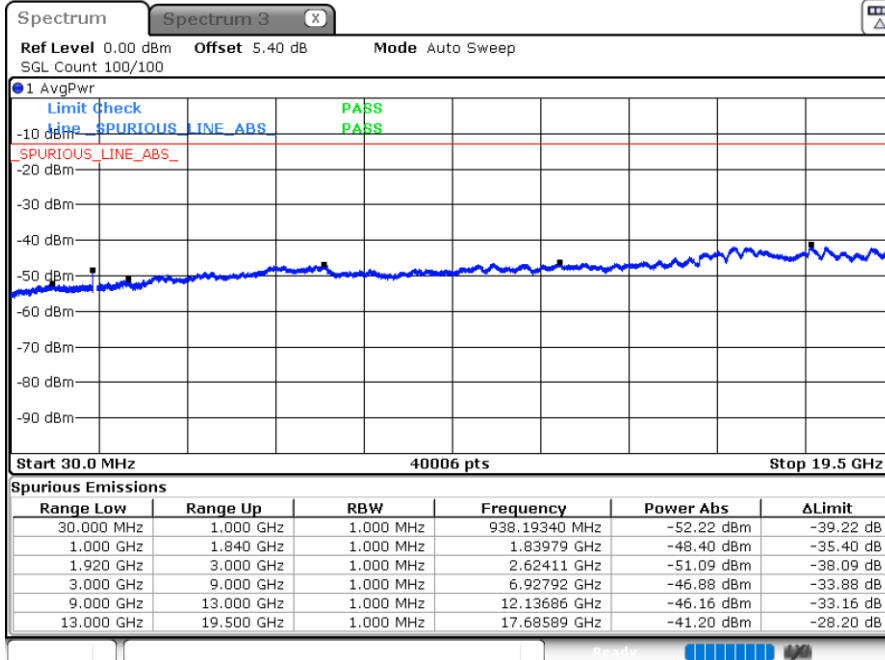


Date: 9.JUN.2022 09:34:06



Date: 9.JUN.2022 09:35:06

Highest Channel / QPSK



Date: 9.JUN.2022 09:35:50