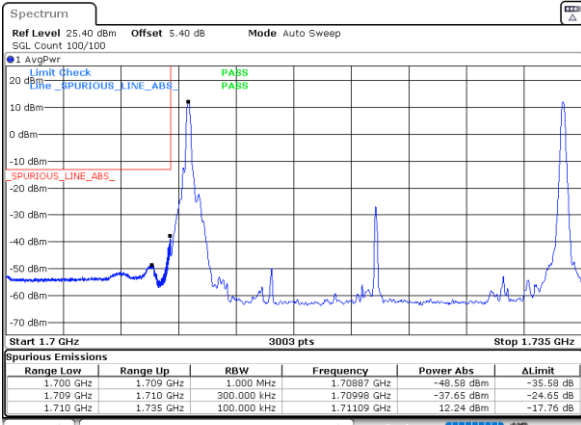




LTE Band 66C / 20MHz+5MHz

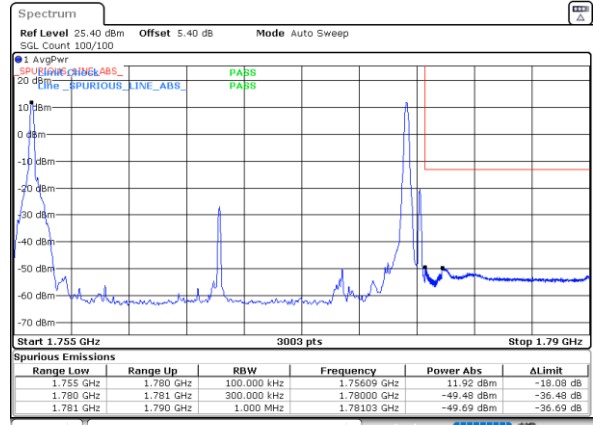
16QAM

Lowest Band Edge / 1RB0 and 1RB24



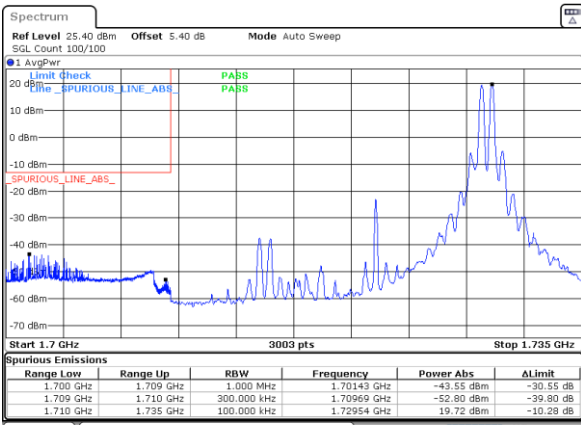
Date: 18 JUN 2022 14:49:48

Highest Band Edge / 1RB0 and 1RB24



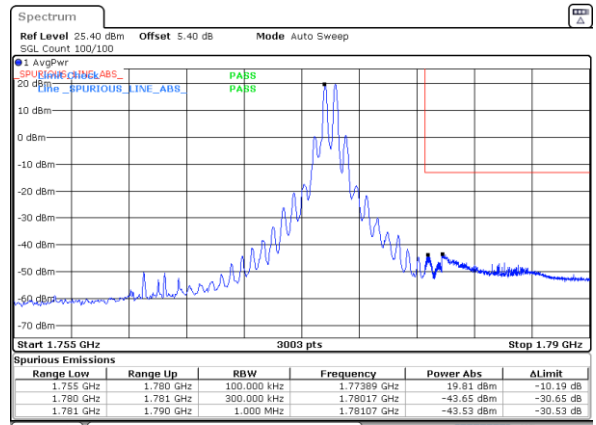
Date: 18 JUN 2022 15:09:25

Lowest Band Edge / 1RB99 and 1RB0



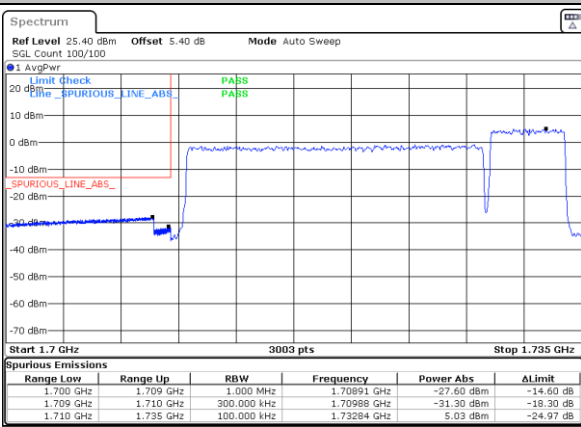
Date: 18 JUN 2022 14:54:12

Highest Band Edge / 1RB99 and 1RB0



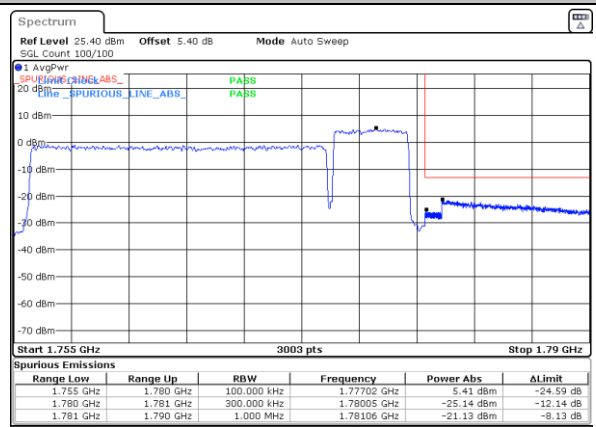
Date: 18 JUN 2022 15:13:49

Lowest Band Edge / Full RB



Date: 18 JUN 2022 15:18:12

Highest Band Edge / Full RB



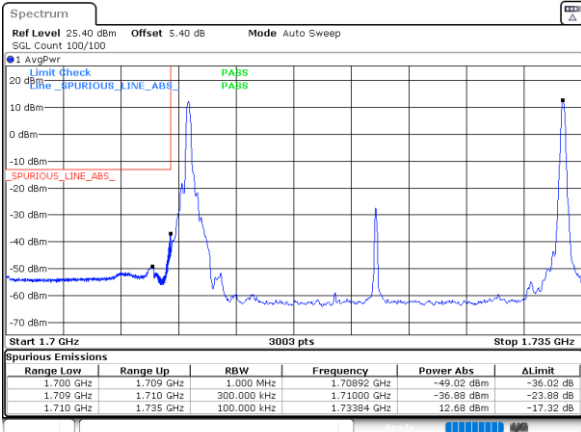
Date: 18 JUN 2022 15:05:01



LTE Band 66C / 20MHz+5MHz

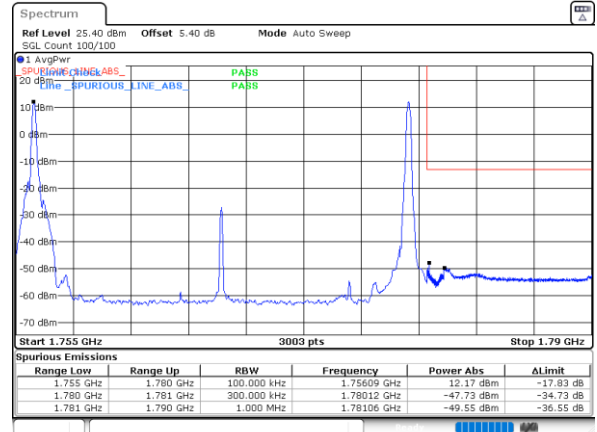
64QAM

Lowest Band Edge / 1RB0 and 1RB24



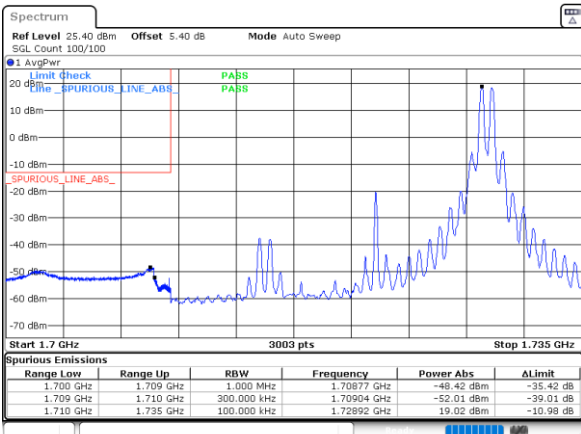
Date: 18 JUN 2022 15:16:37

Highest Band Edge / 1RB0 and 1RB24



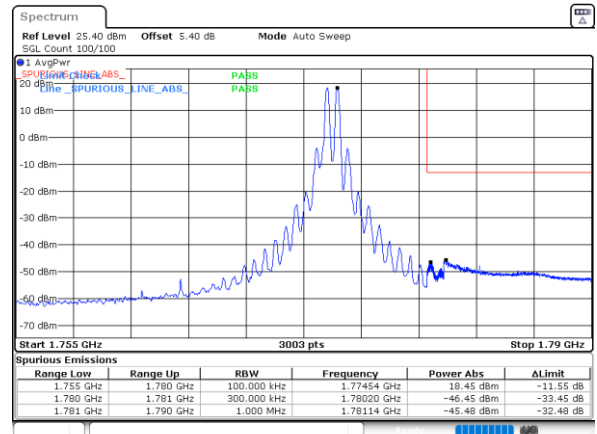
Date: 18 JUN 2022 15:07:58

Lowest Band Edge / 1RB99 and 1RB0



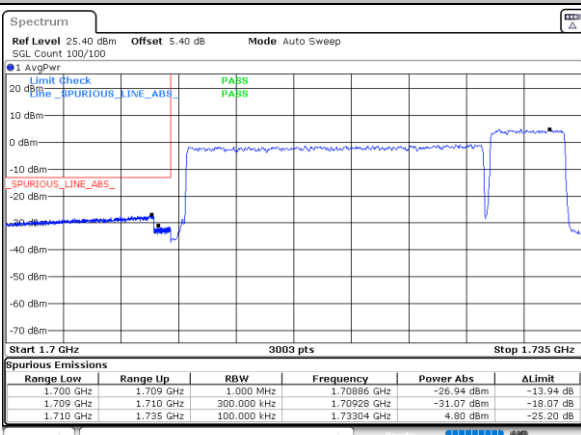
Date: 18 JUN 2022 14:55:40

Highest Band Edge / 1RB99 and 1RB0



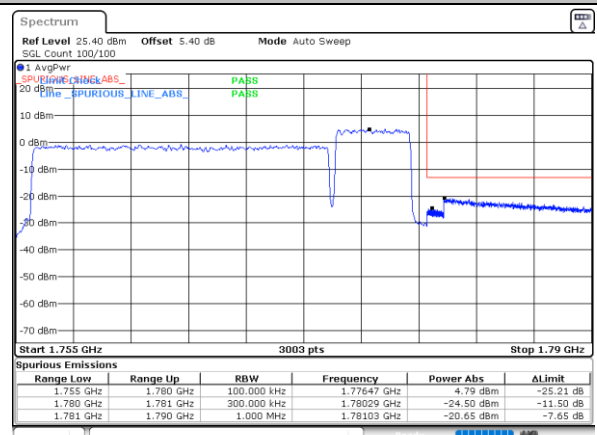
Date: 18 JUN 2022 15:15:17

Lowest Band Edge / Full RB



Date: 18 JUN 2022 15:17:37

Highest Band Edge / Full RB



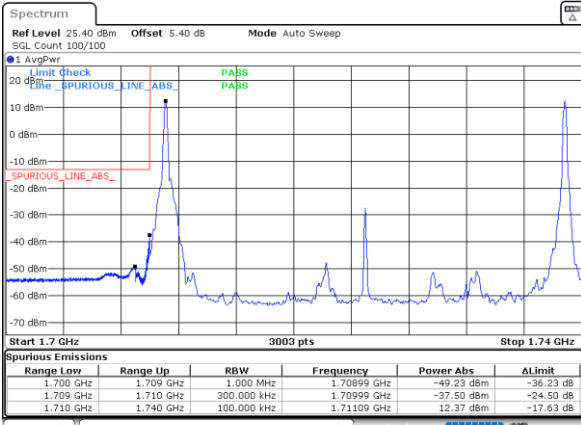
Date: 18 JUN 2022 15:06:29



LTE Band 66C / 20MHz+10MHz

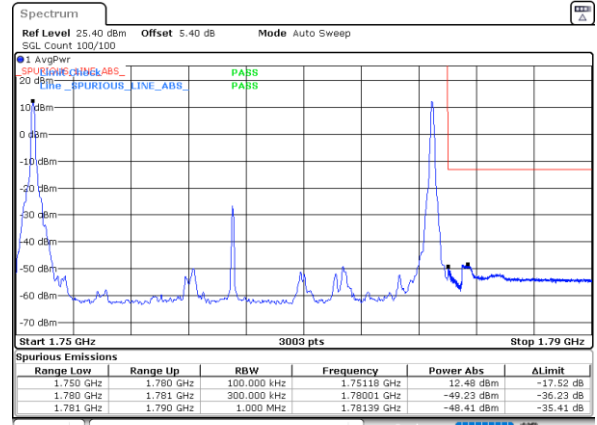
QPSK

Lowest Band Edge / 1RB0 and 1RB49



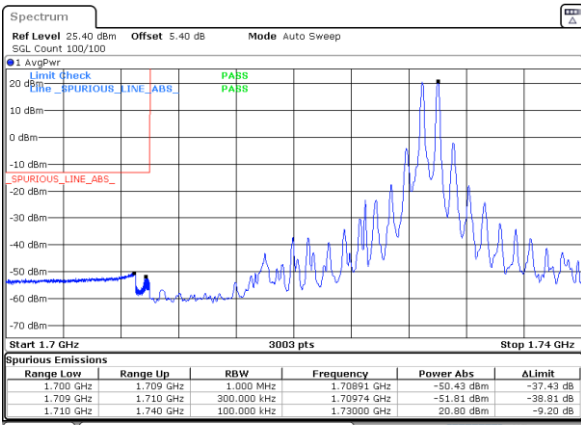
Date: 18 JUN 2022 15:29:57

Highest Band Edge / 1RB0 and 1RB49



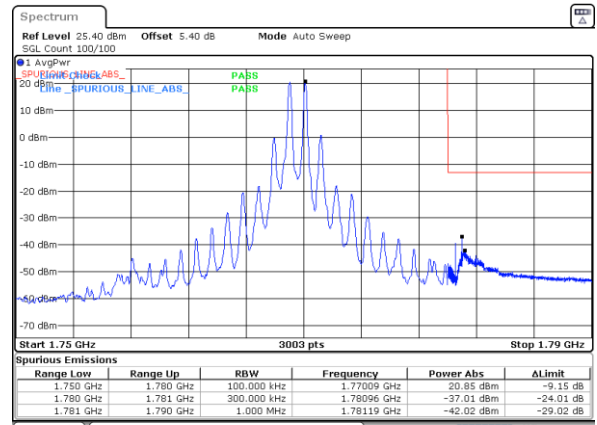
Date: 18 JUN 2022 15:47:37

Lowest Band Edge / 1RB99 and 1RB0



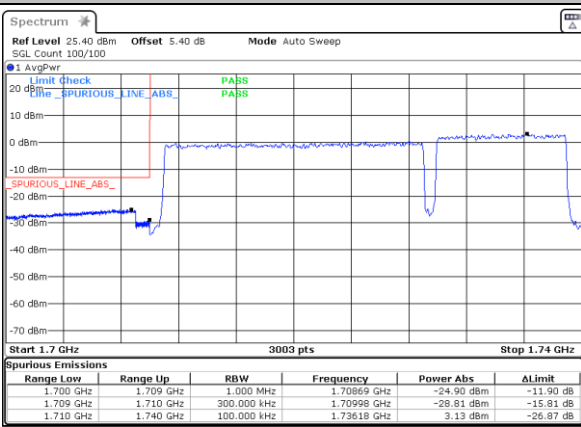
Date: 18 JUN 2022 15:31:25

Highest Band Edge / 1RB99 and 1RB0



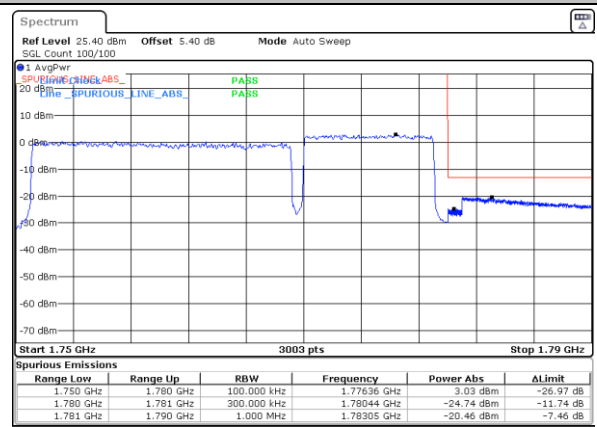
Date: 18 JUN 2022 15:40:17

Lowest Band Edge / Full RB



Date: 18 JUN 2022 15:22:37

Highest Band Edge / Full RB



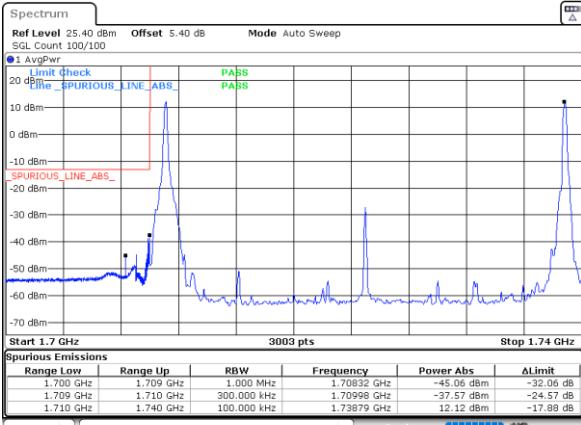
Date: 18 JUN 2022 15:49:05



LTE Band 66C / 20MHz+10MHz

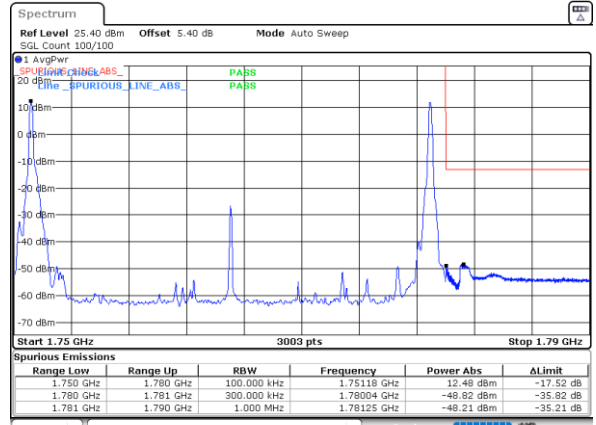
16QAM

Lowest Band Edge / 1RB0 and 1RB49



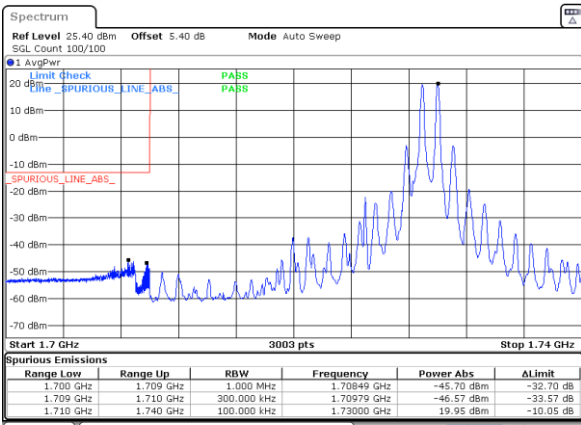
Date: 18 JUN 2022 15:28:29

Highest Band Edge / 1RB0 and 1RB49



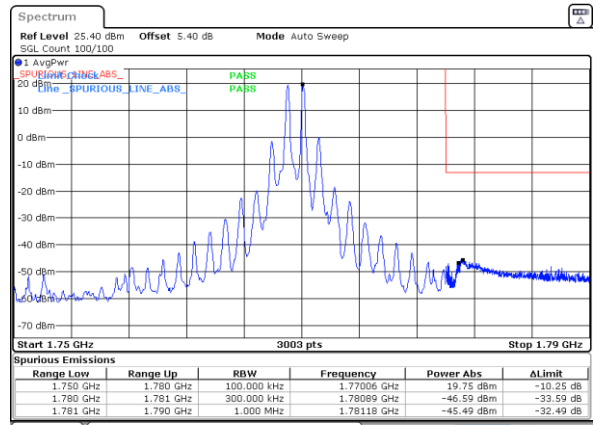
Date: 18 JUN 2022 15:46:09

Lowest Band Edge / 1RB99 and 1RB0



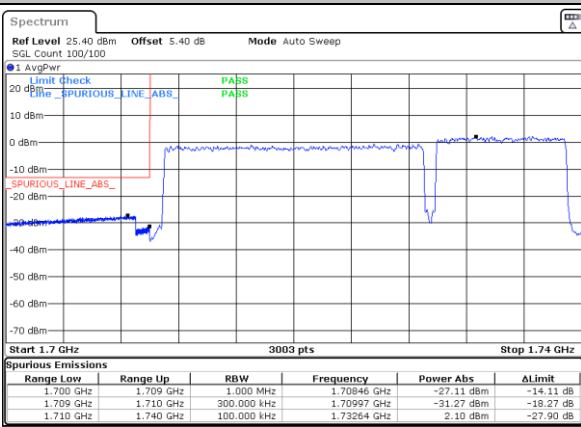
Date: 18 JUN 2022 15:32:53

Highest Band Edge / 1RB99 and 1RB0



Date: 18 JUN 2022 15:41:45

Lowest Band Edge / Full RB



Date: 18 JUN 2022 15:24:04

Highest Band Edge / Full RB



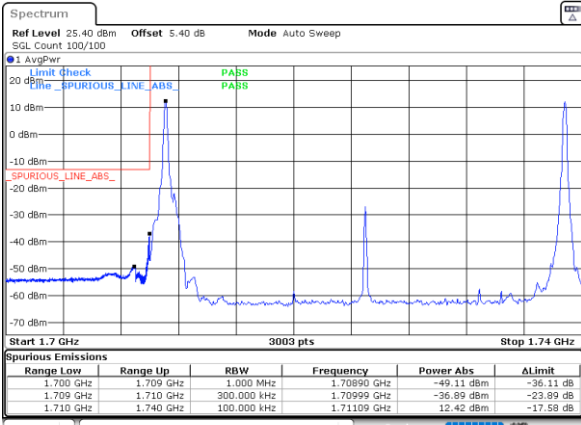
Date: 18 JUN 2022 15:50:33



LTE Band 66C / 20MHz+10MHz

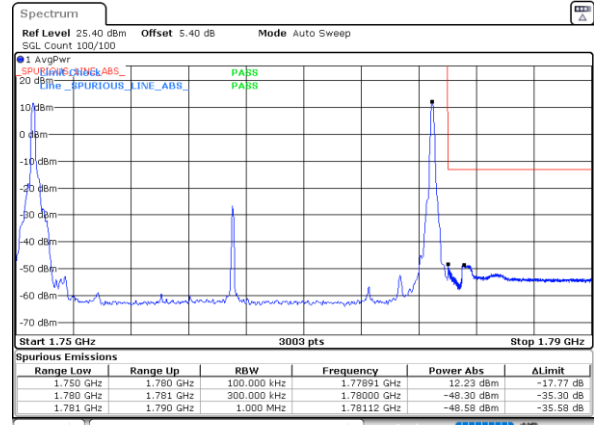
64QAM

Lowest Band Edge / 1RB0 and 1RB49



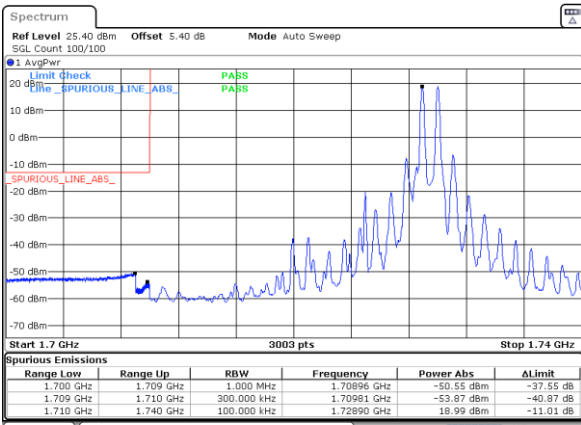
Date: 18 JUN 2022 15:27:01

Highest Band Edge / 1RB0 and 1RB49



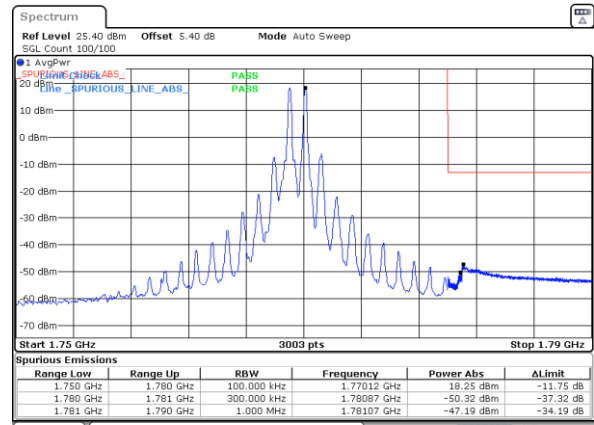
Date: 18 JUN 2022 15:44:41

Lowest Band Edge / 1RB99 and 1RB0



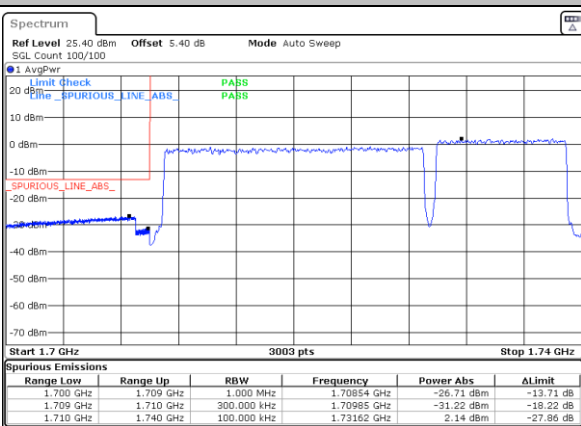
Date: 18 JUN 2022 15:34:21

Highest Band Edge / 1RB99 and 1RB0



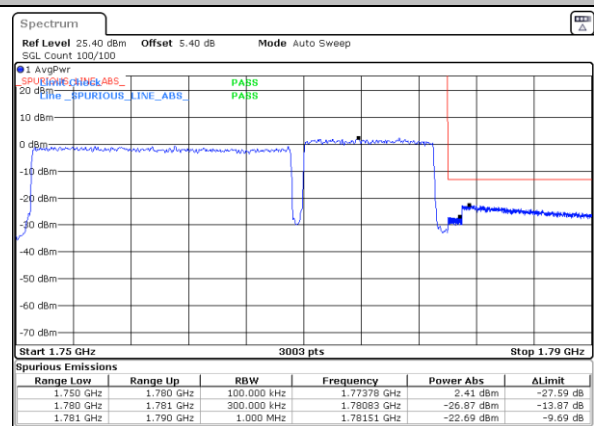
Date: 18 JUN 2022 15:43:13

Lowest Band Edge / Full RB



Date: 18 JUN 2022 15:25:33

Highest Band Edge / Full RB



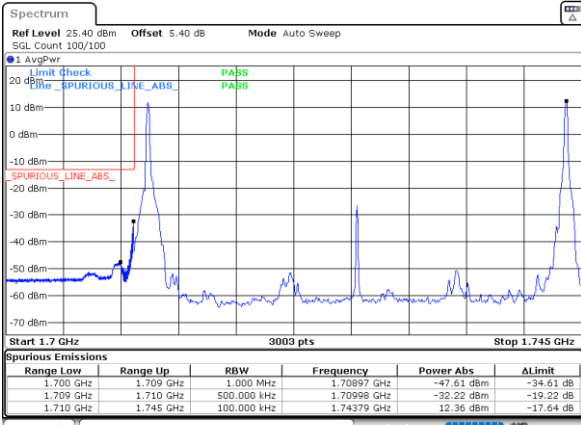
Date: 18 JUN 2022 15:52:01



LTE Band 66C / 20MHz+15MHz

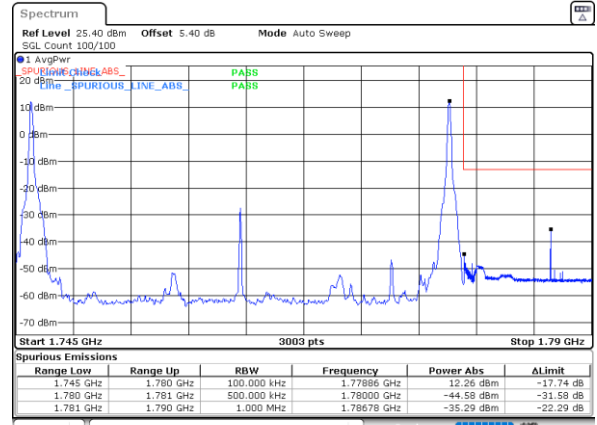
QPSK

Lowest Band Edge / 1RB0 and 1RB74



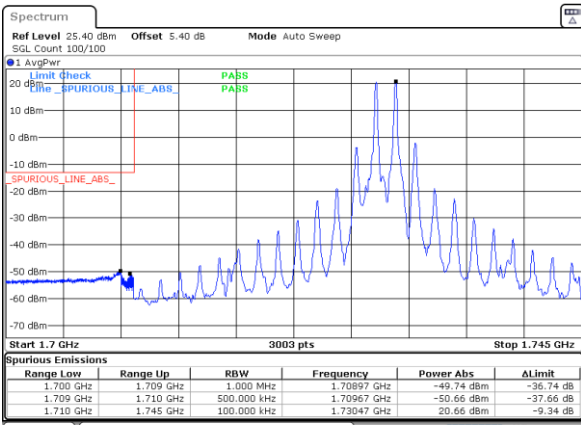
Date: 18 JUN 2022 16:06:09

Highest Band Edge / 1RB0 and 1RB74



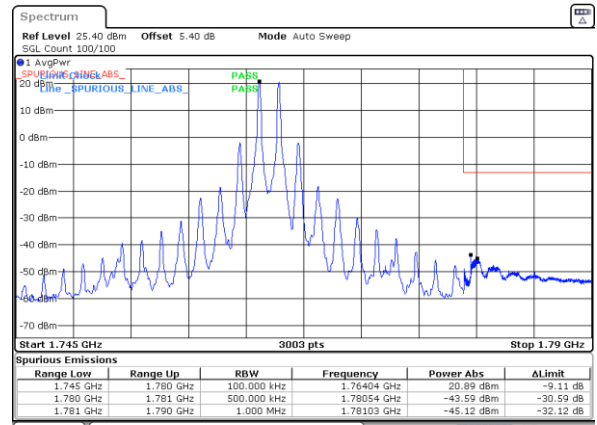
Date: 18 JUN 2022 16:23:49

Lowest Band Edge / 1RB99 and 1RB0



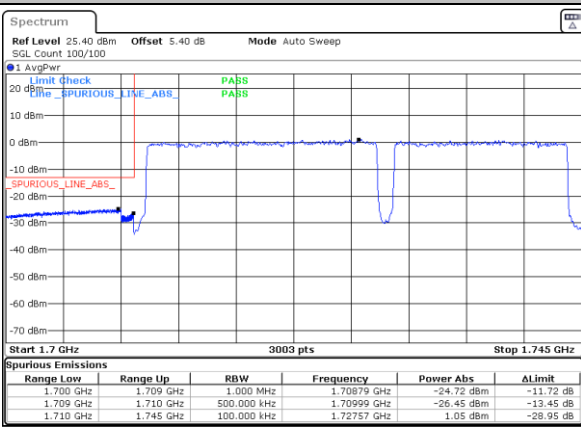
Date: 18 JUN 2022 16:07:37

Highest Band Edge / 1RB99 and 1RB0



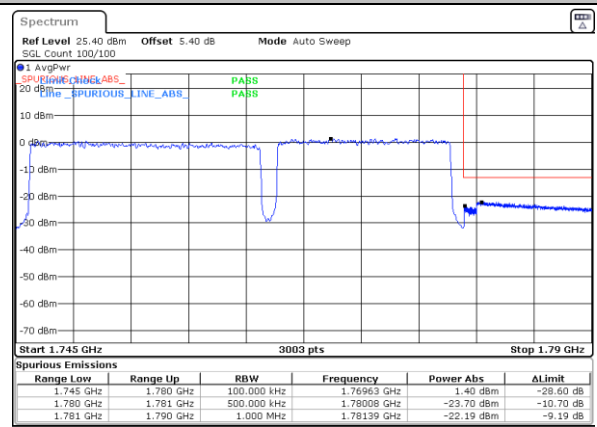
Date: 18 JUN 2022 16:16:29

Lowest Band Edge / Full RB



Date: 18 JUN 2022 15:58:49

Highest Band Edge / Full RB



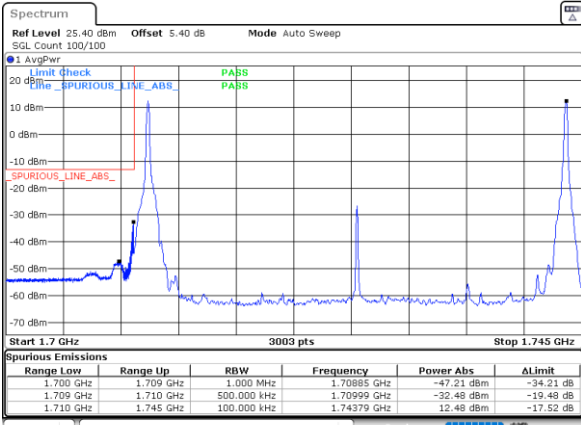
Date: 18 JUN 2022 16:25:17



LTE Band 66C / 20MHz+15MHz

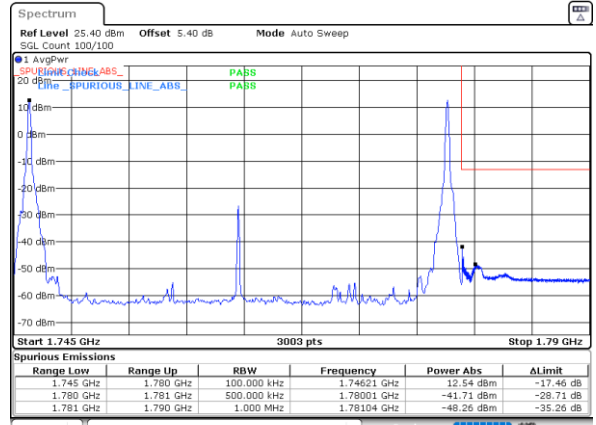
16QAM

Lowest Band Edge / 1RB0 and 1RB74



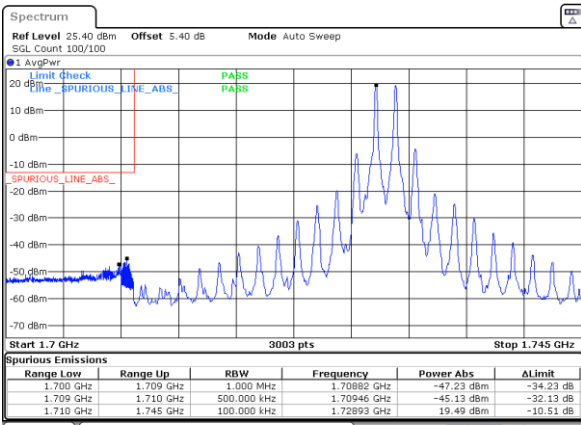
Date: 18 JUN 2022 16:04:41

Highest Band Edge / 1RB0 and 1RB74



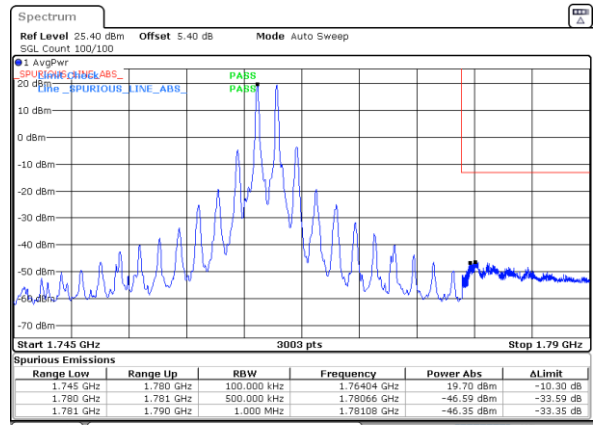
Date: 18 JUN 2022 16:22:22

Lowest Band Edge / 1RB99 and 1RB0



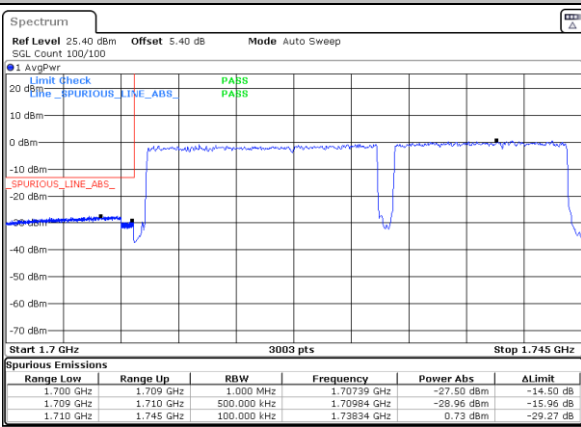
Date: 18 JUN 2022 16:09:04

Highest Band Edge / 1RB99 and 1RB0



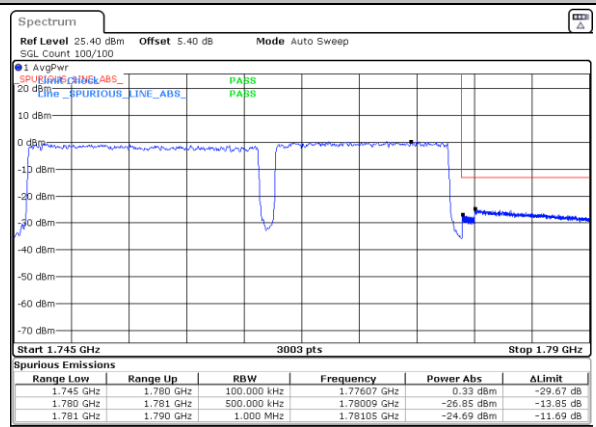
Date: 18 JUN 2022 16:17:57

Lowest Band Edge / Full RB



Date: 18 JUN 2022 16:00:17

Highest Band Edge / Full RB



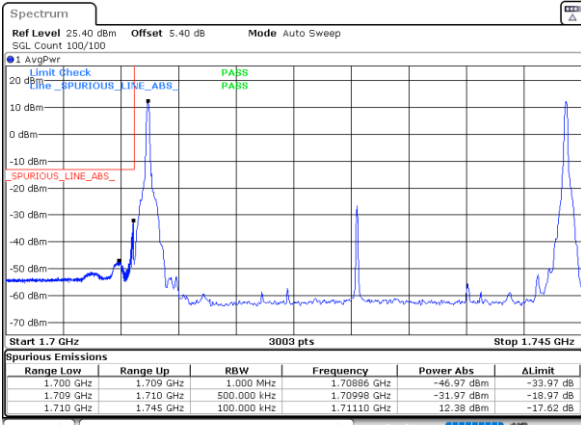
Date: 18 JUN 2022 16:26:45



LTE Band 66C / 20MHz+15MHz

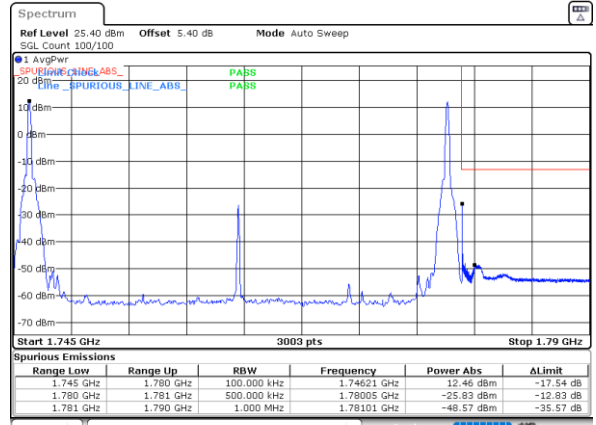
64QAM

Lowest Band Edge / 1RB0 and 1RB74



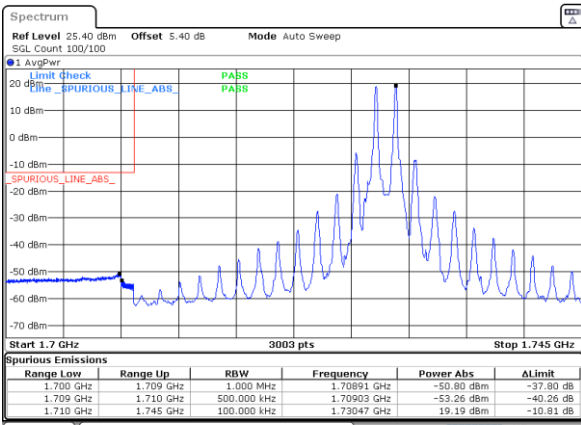
Date: 18 JUN 2022 16:03:13

Highest Band Edge / 1RB0 and 1RB74



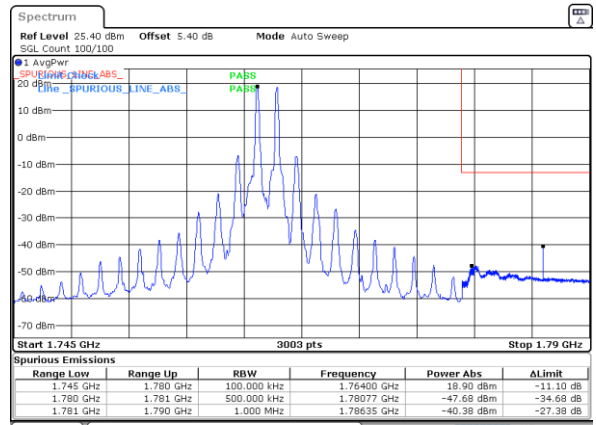
Date: 18 JUN 2022 16:20:54

Lowest Band Edge / 1RB99 and 1RB0



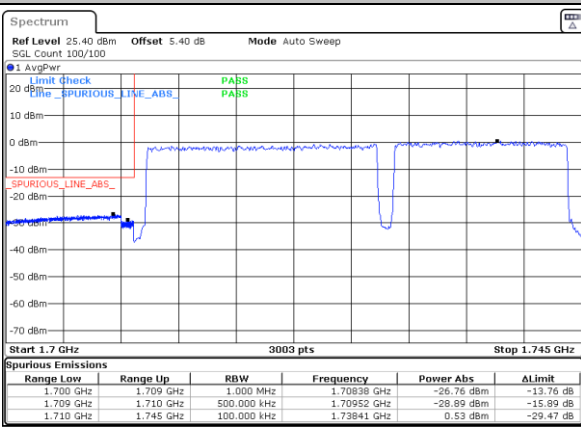
Date: 18 JUN 2022 16:10:32

Highest Band Edge / 1RB99 and 1RB0



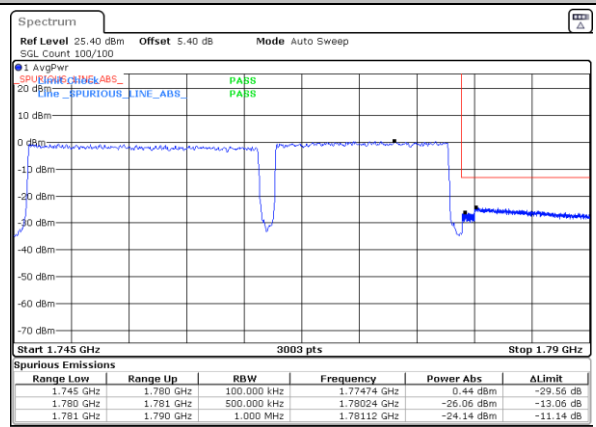
Date: 18 JUN 2022 16:19:25

Lowest Band Edge / Full RB



Date: 18 JUN 2022 16:01:45

Highest Band Edge / Full RB



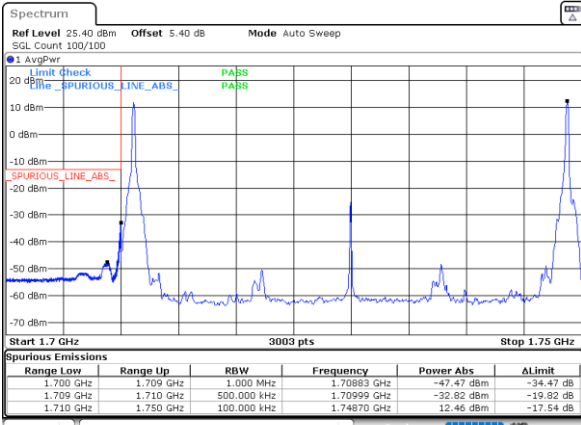
Date: 18 JUN 2022 16:28:14



LTE Band 66C / 20MHz+20MHz

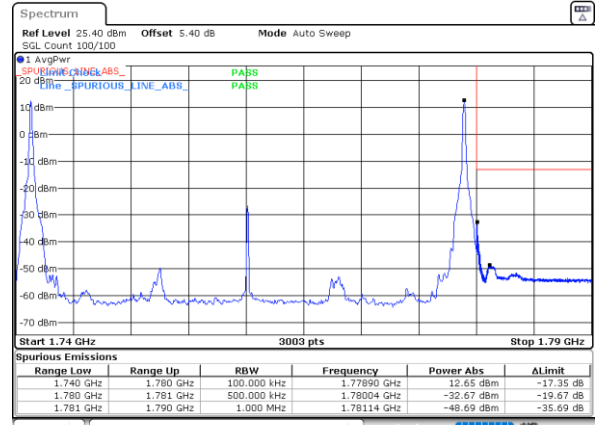
QPSK

Lowest Band Edge / 1RB0 and 1RB9



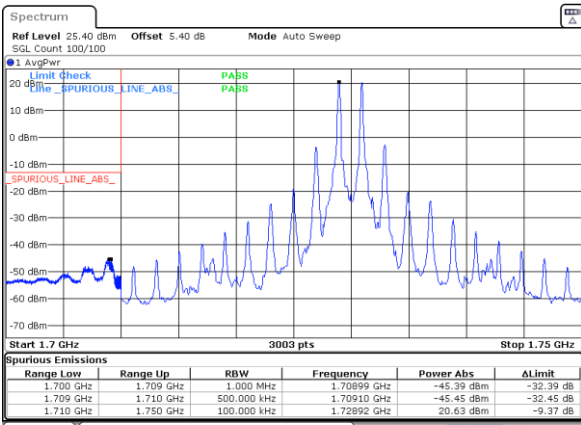
Date: 18 JUN 2022 16:42:55

Highest Band Edge / 1RB0 and 1RB9



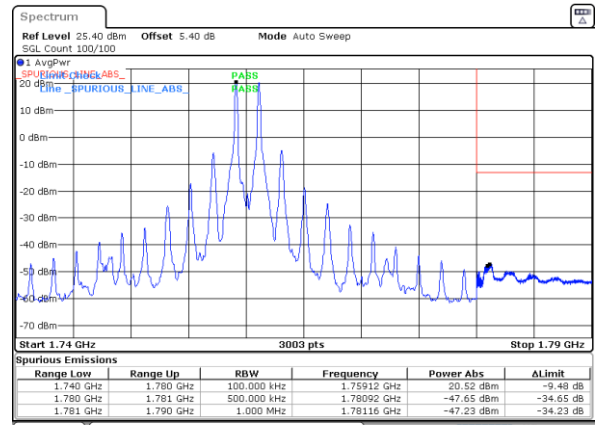
Date: 18 JUN 2022 17:02:45

Lowest Band Edge / 1RB99 and 1RB0



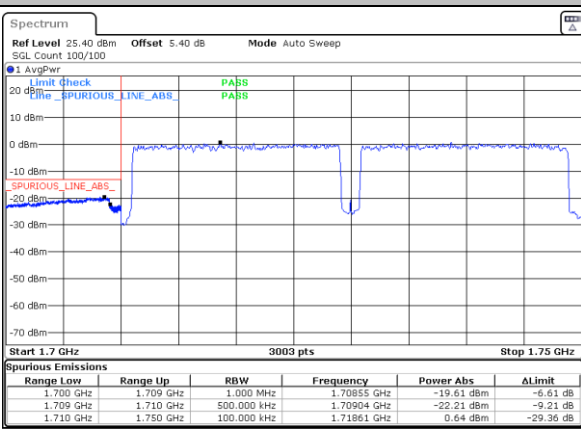
Date: 18 JUN 2022 16:44:23

Highest Band Edge / 1RB99 and 1RB0



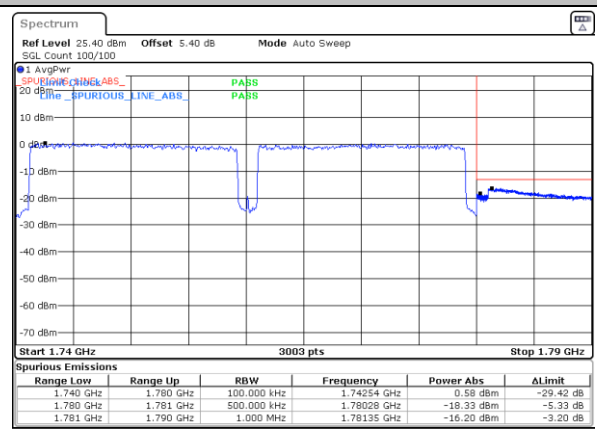
Date: 18 JUN 2022 17:04:13

Lowest Band Edge / Full RB



Date: 18 JUN 2022 17:12:25

Highest Band Edge / Full RB



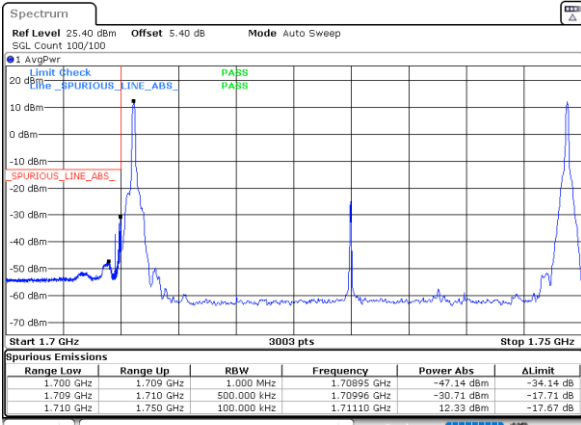
Date: 18 JUN 2022 16:55:25



LTE Band 66C / 20MHz+20MHz

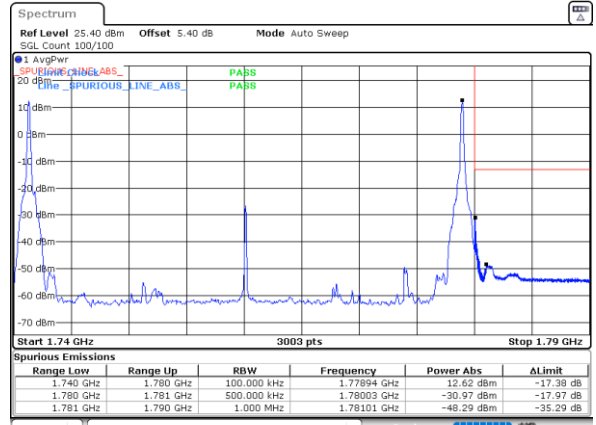
16QAM

Lowest Band Edge / 1RB0 and 1RB9



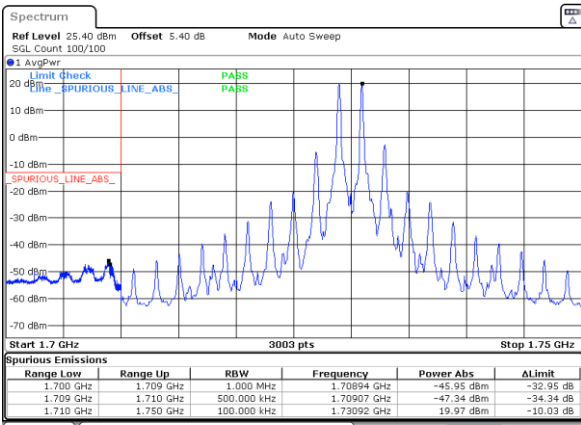
Date: 18 JUN 2022 16:41:27

Highest Band Edge / 1RB0 and 1RB9



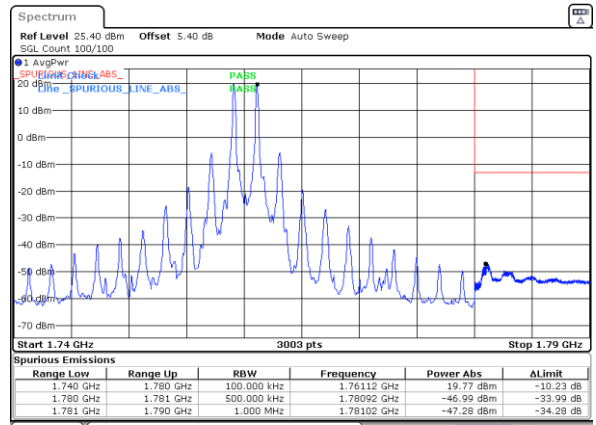
Date: 18 JUN 2022 17:01:17

Lowest Band Edge / 1RB99 and 1RB0



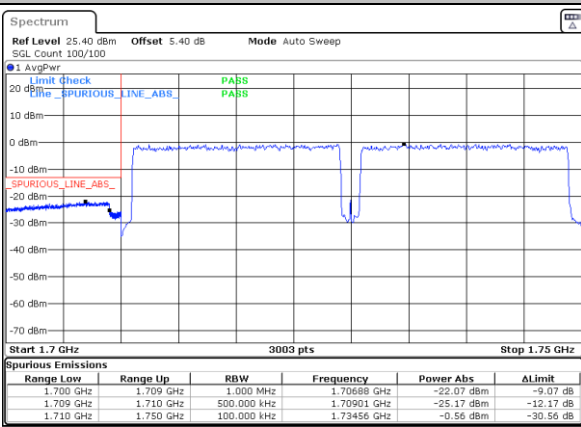
Date: 18 JUN 2022 16:45:51

Highest Band Edge / 1RB99 and 1RB0



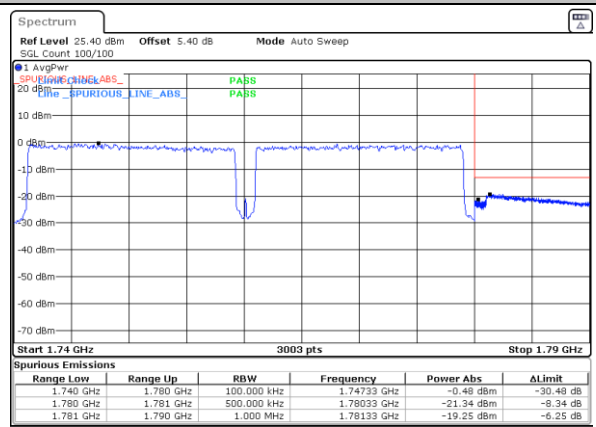
Date: 18 JUN 2022 17:05:41

Lowest Band Edge / Full RB



Date: 18 JUN 2022 17:13:53

Highest Band Edge / Full RB



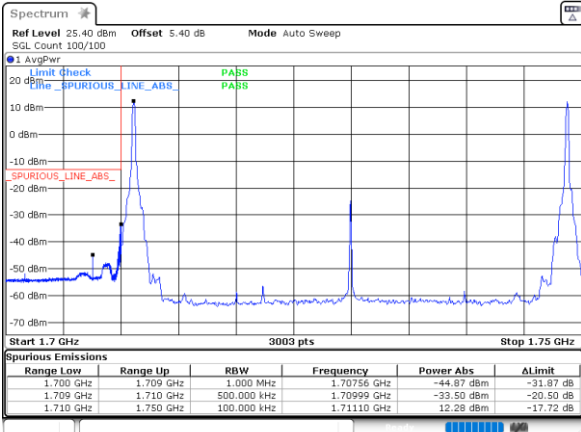
Date: 18 JUN 2022 16:56:52



LTE Band 66C / 20MHz+20MHz

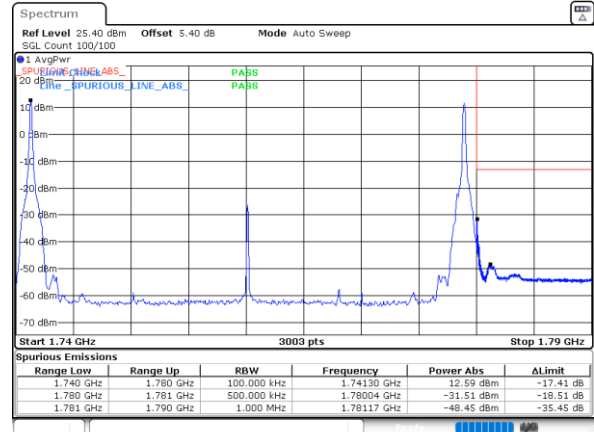
64QAM

Lowest Band Edge / 1RB0 and 1RB9



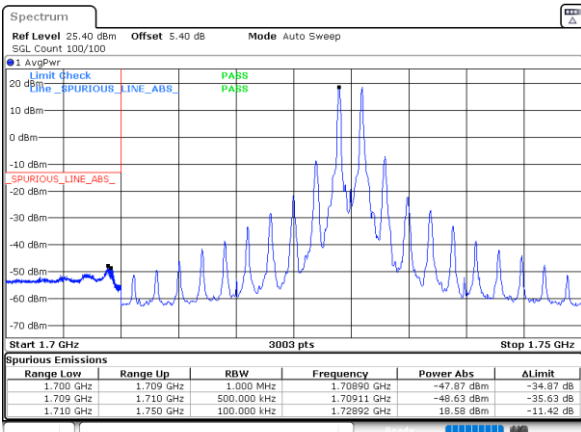
Date: 18 JUN 2022 16:40:00

Highest Band Edge / 1RB0 and 1RB9



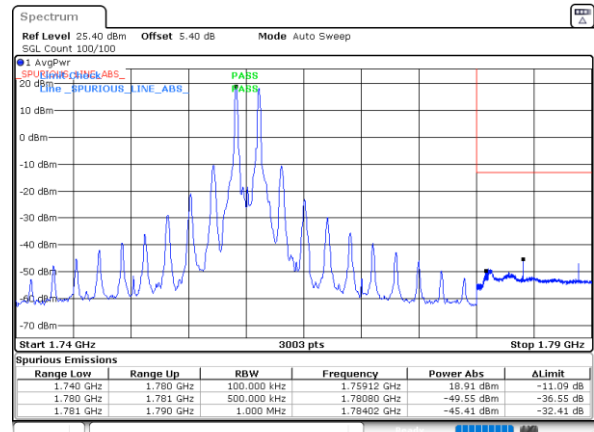
Date: 18 JUN 2022 16:59:49

Lowest Band Edge / 1RB99 and 1RB0



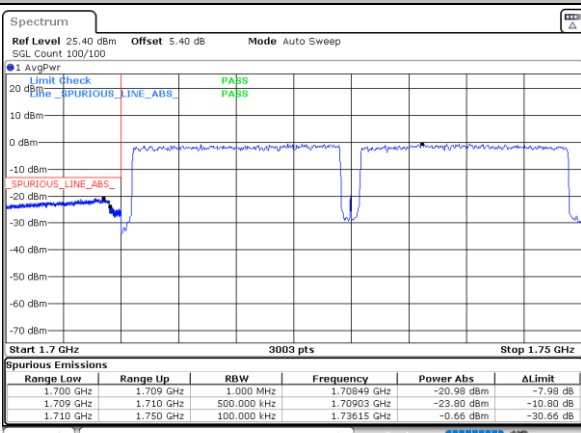
Date: 18 JUN 2022 16:47:19

Highest Band Edge / 1RB99 and 1RB0



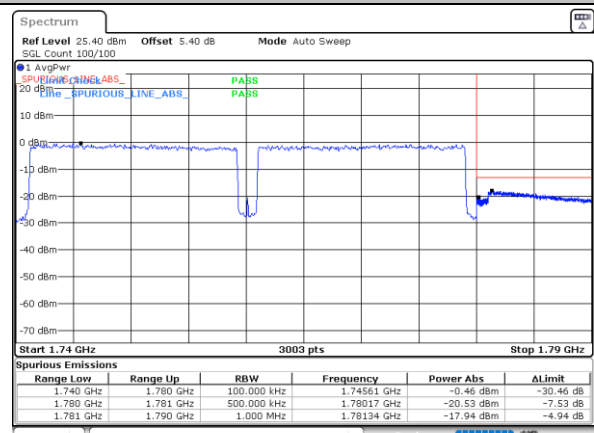
Date: 18 JUN 2022 17:07:09

Lowest Band Edge / Full RB



Date: 18 JUN 2022 17:15:21

Highest Band Edge / Full RB



Date: 18 JUN 2022 16:58:21

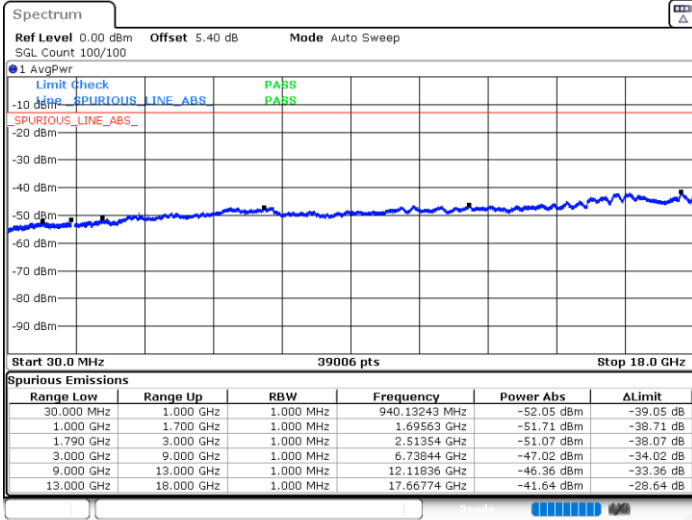


Conducted Spurious Emission

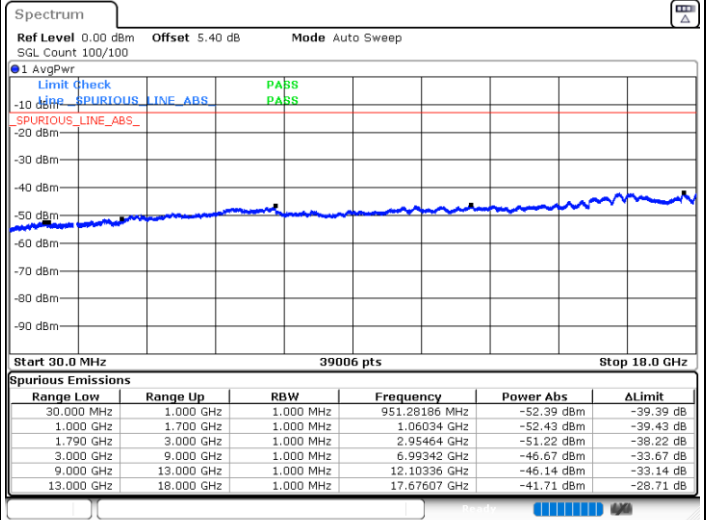


LTE Band 66C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0

LTE Band 66C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

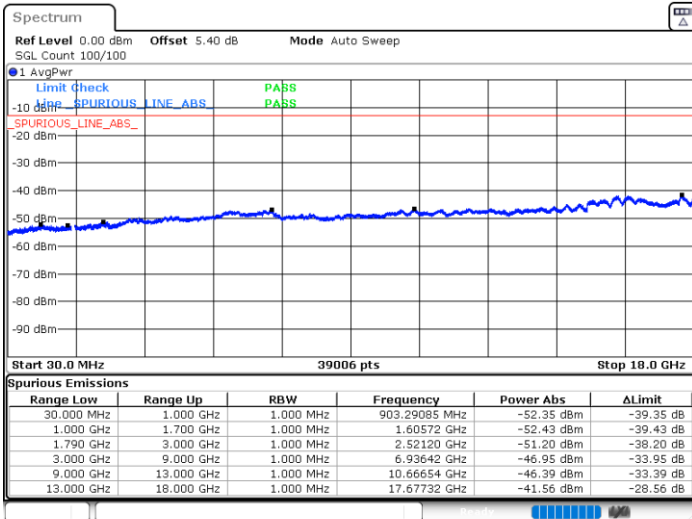


Date: 18.JUN.2022 12:02:24

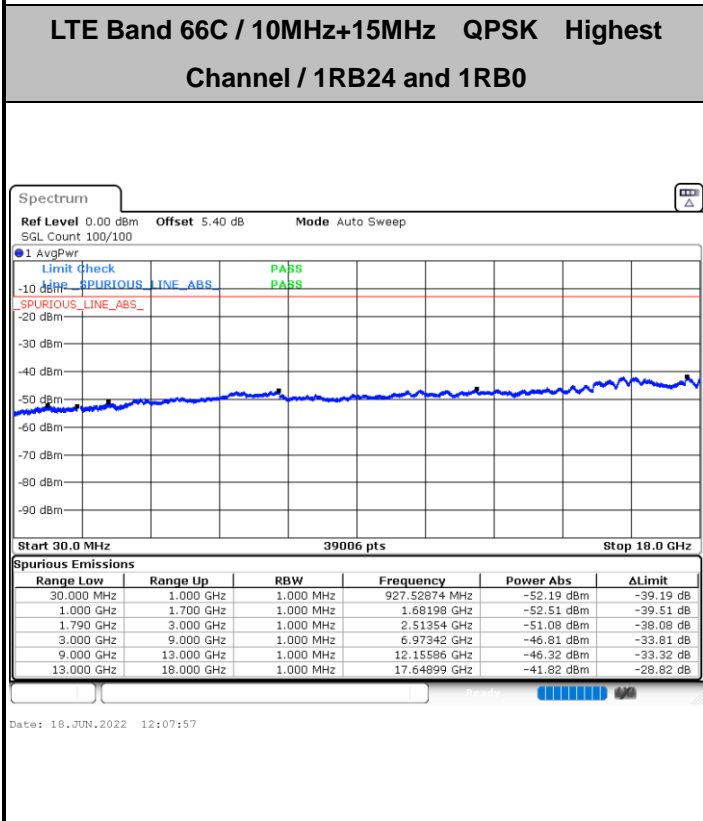
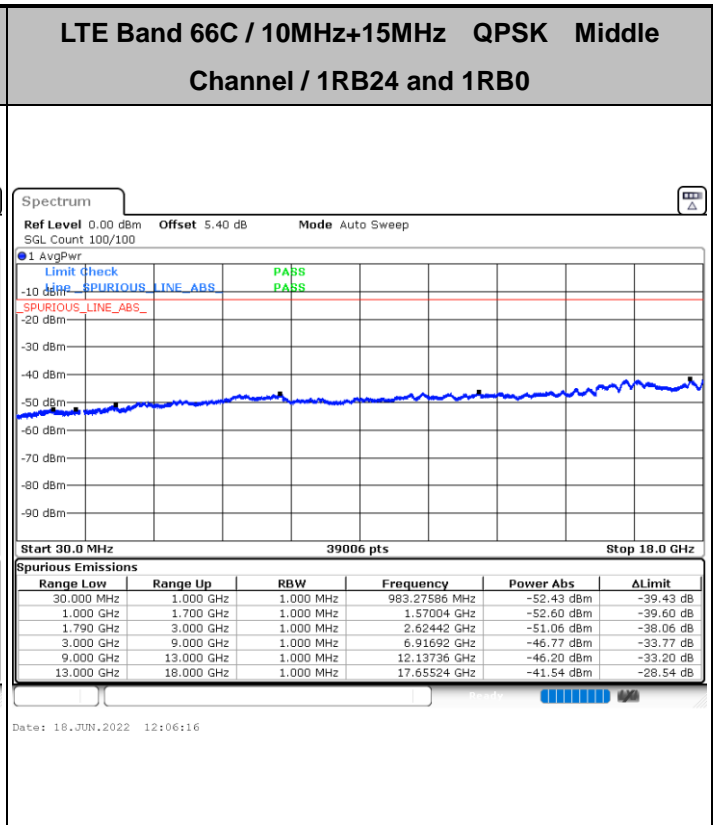
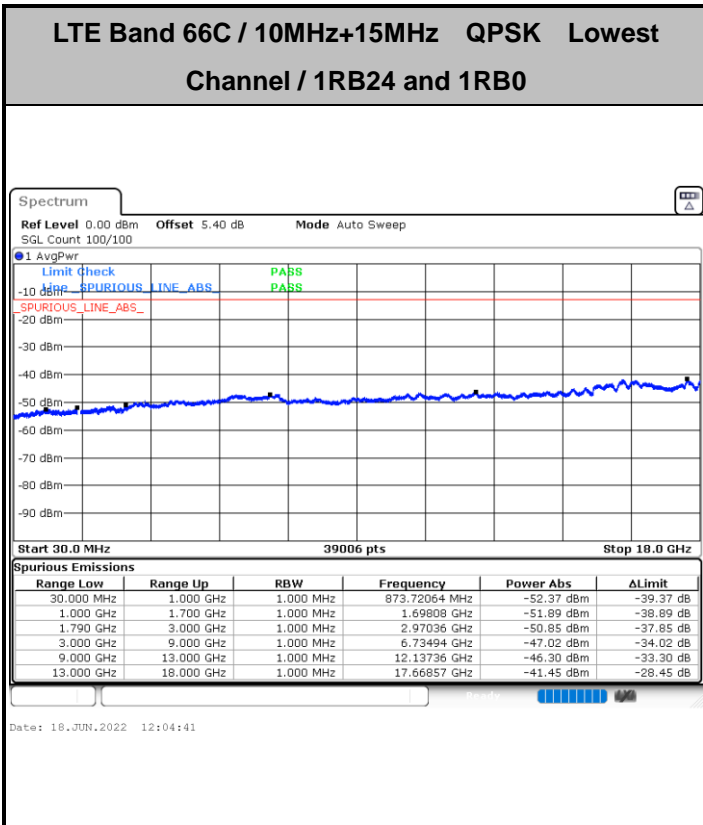


Date: 18.JUN.2022 12:00:54

LTE Band 66C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



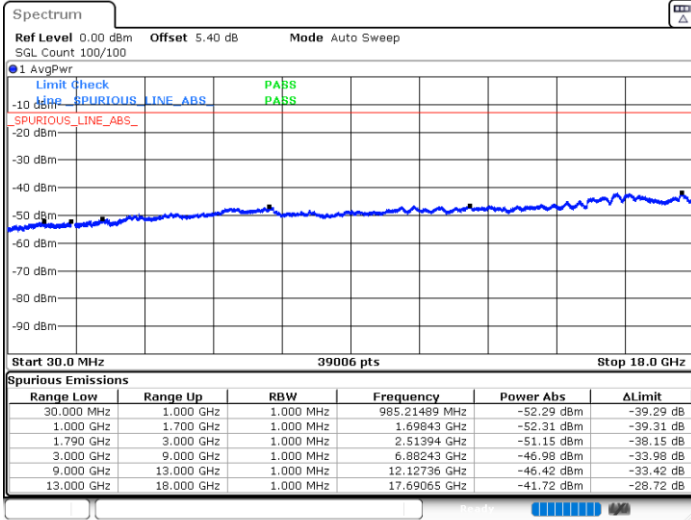
Date: 18.JUN.2022 11:59:23



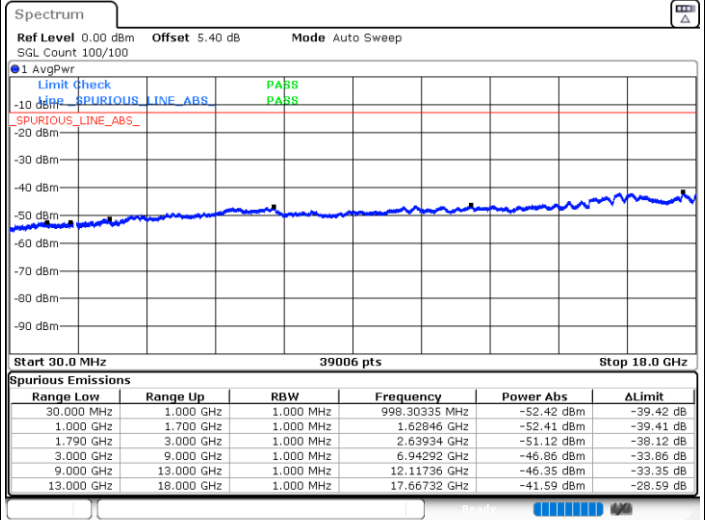


LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0

LTE Band 66C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0

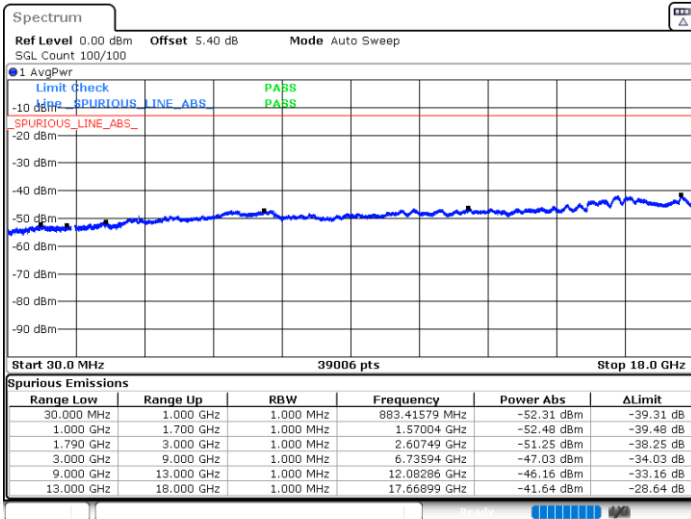


Date: 18.JUN.2022 12:24:51



Date: 18.JUN.2022 12:26:22

LTE Band 66C / 10MHz+20MHz QPSK Highest Channel / 1RB49 and 1RB0

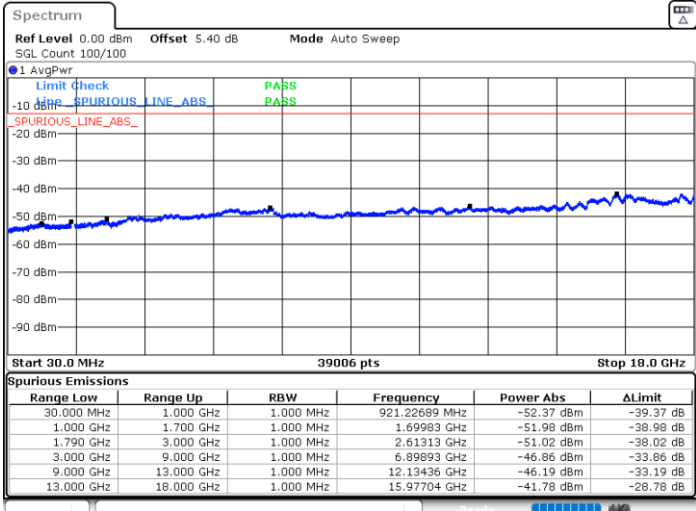


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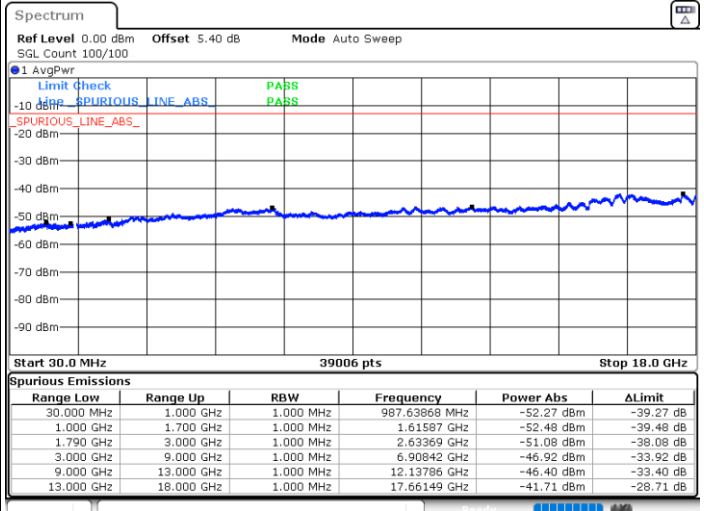


LTE Band 66C / 15MHz+10MHz QPSK Lowest Channel / 1RB24 and 1RB0

LTE Band 66C / 15MHz+10MHz QPSK Middle Channel / 1RB24 and 1RB0

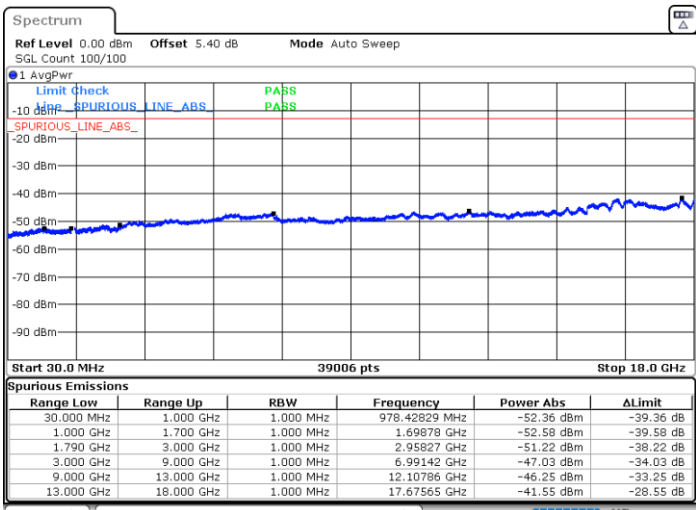


Date: 18 JUN.2022 13:01:08



Date: 18 JUN.2022 13:02:39

LTE Band 66C / 15MHz+10MHz QPSK Highest Channel / 1RB24 and 1RB0

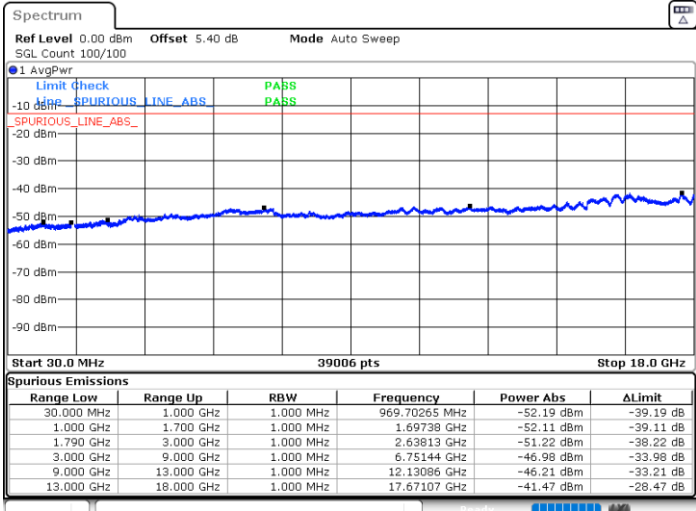


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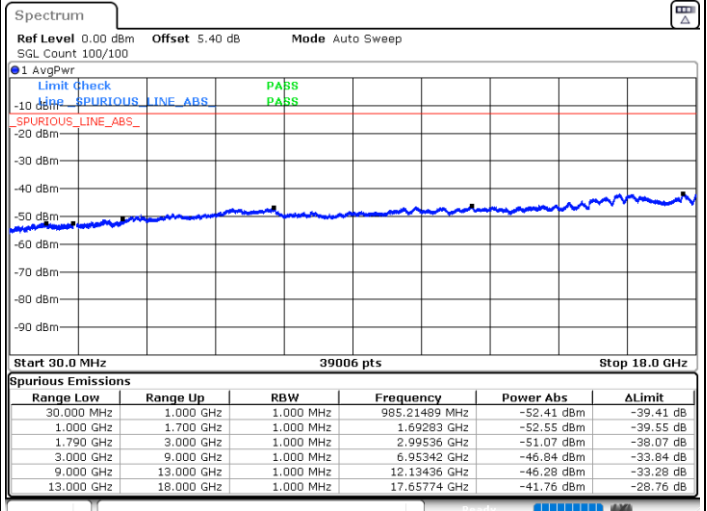


LTE Band 66C / 15MHz+15MHz QPSK Lowest Channel / 1RB24 and 1RB0

LTE Band 66C / 15MHz+15MHz QPSK Middle Channel / 1RB24 and 1RB0

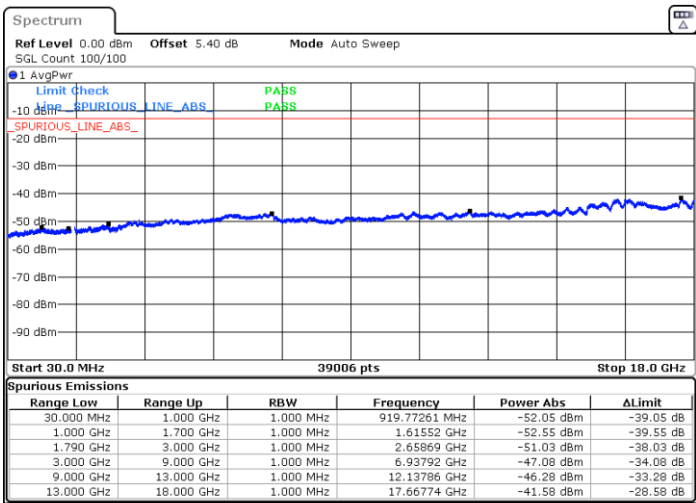


Date: 18 JUN.2022 13:42:01



Date: 18 JUN.2022 13:43:30

LTE Band 66C / 15MHz+15MHz QPSK Highest Channel / 1RB24 and 1RB0

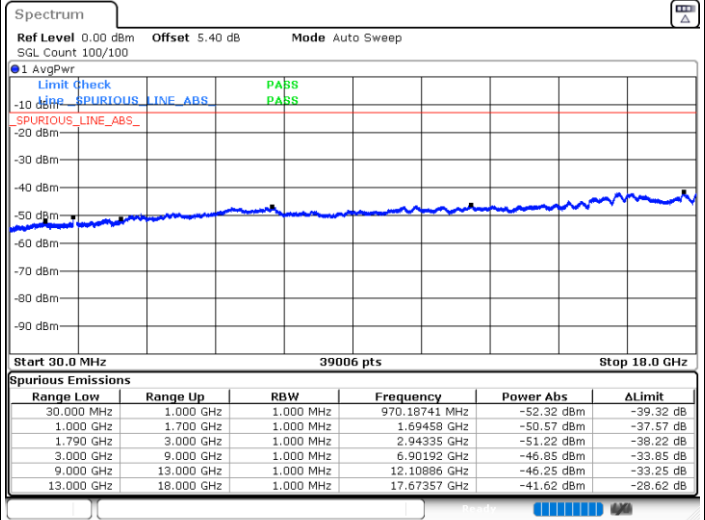
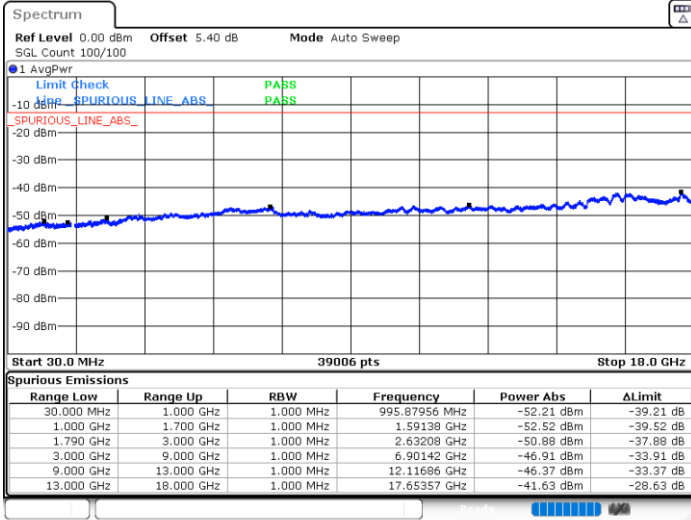


Date: 18 JUN.2022 13:45:01



LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RB74 and 1RB0

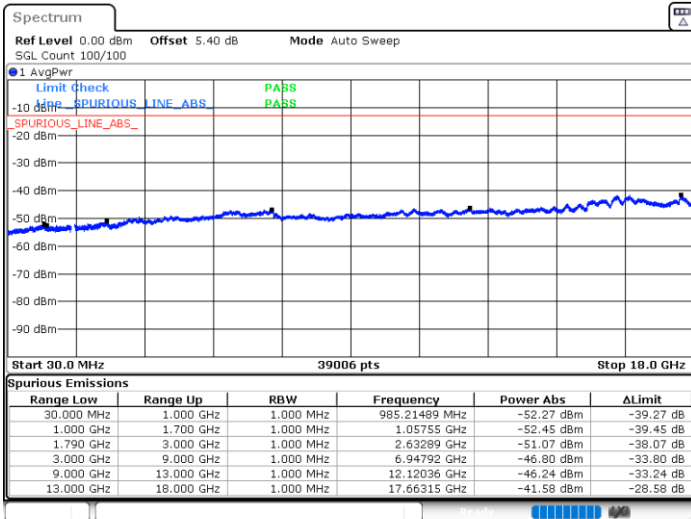
LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RB74 and 1RB0



Date: 18.JUN.2022 14:21:30

Date: 18.JUN.2022 14:20:00

LTE Band 66C / 15MHz+20MHz QPSK Highest Channel / 1RB74 and 1RB0

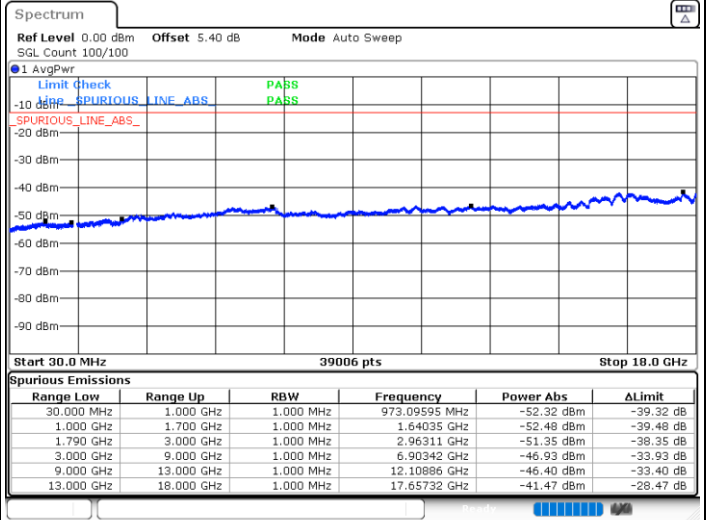
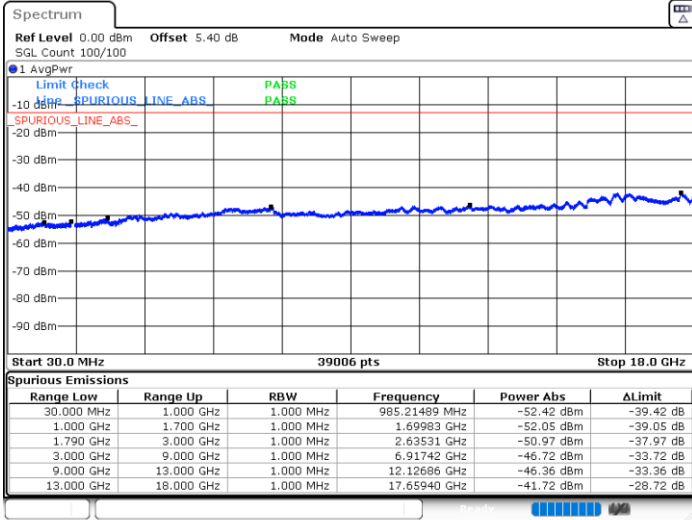


Date: 18.JUN.2022 14:23:00



LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

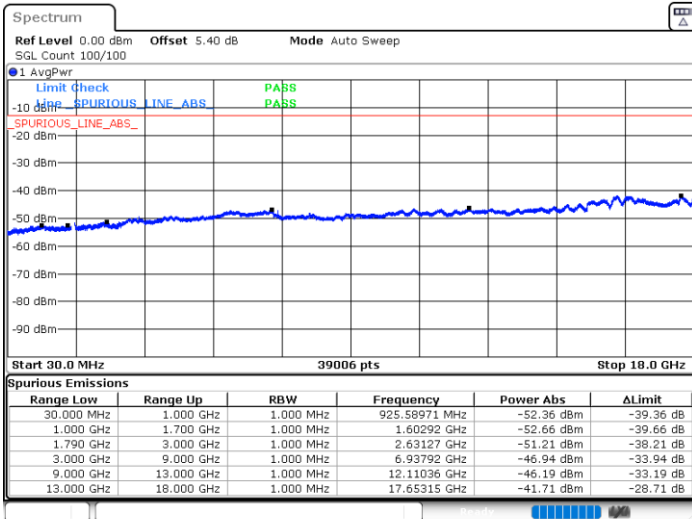
LTE Band 66C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0



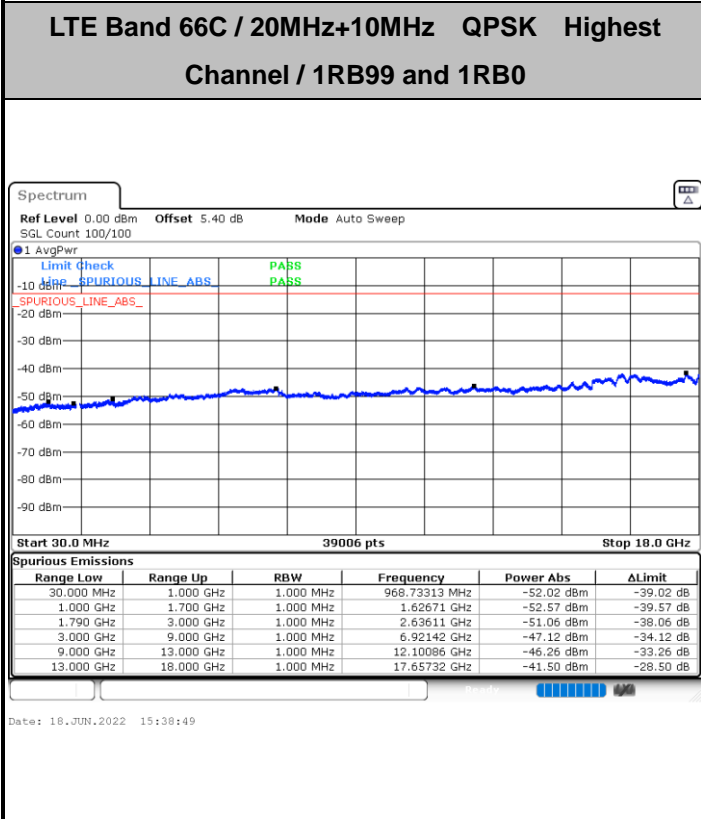
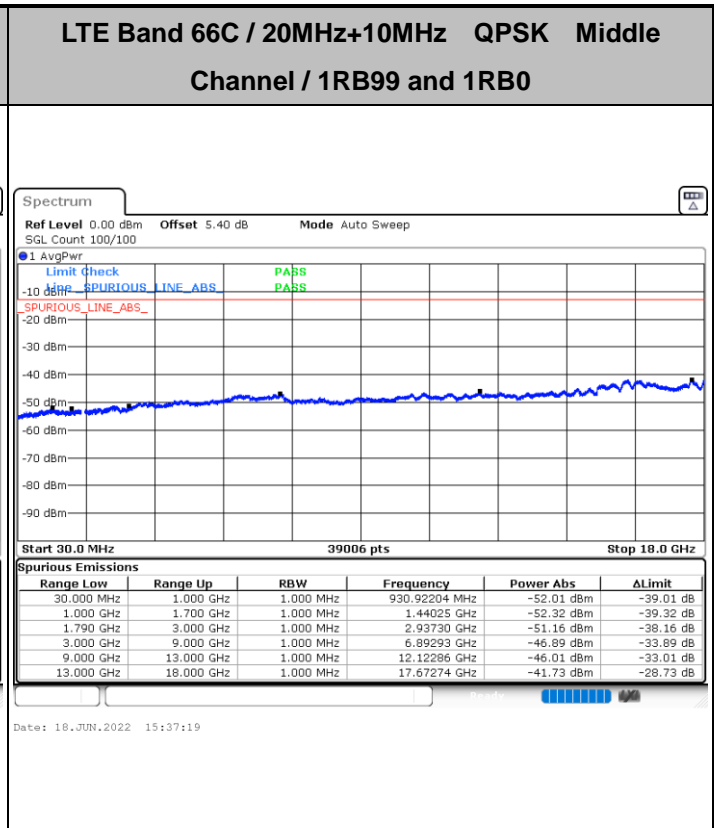
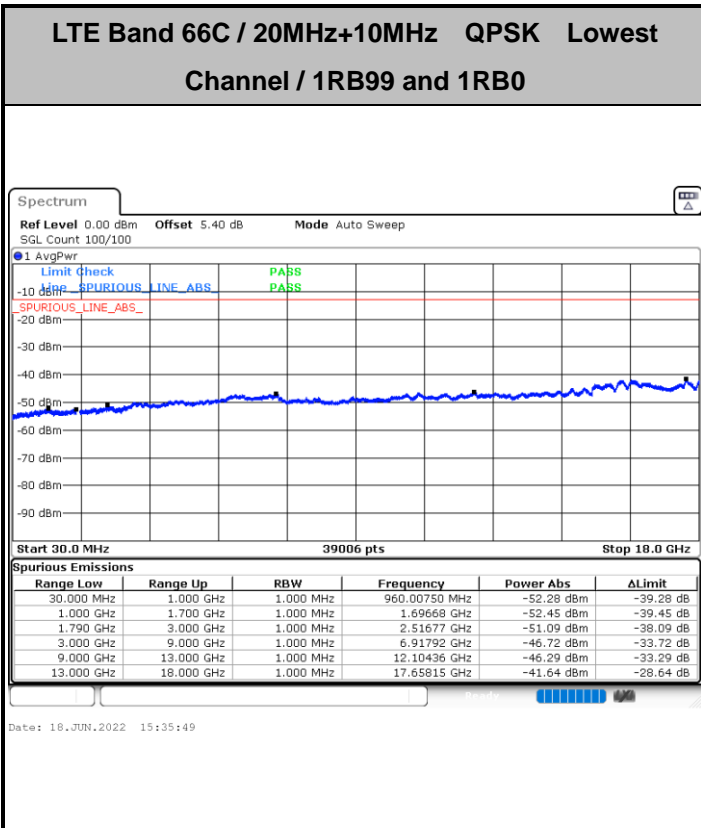
Date: 18.JUN.2022 14:57:07

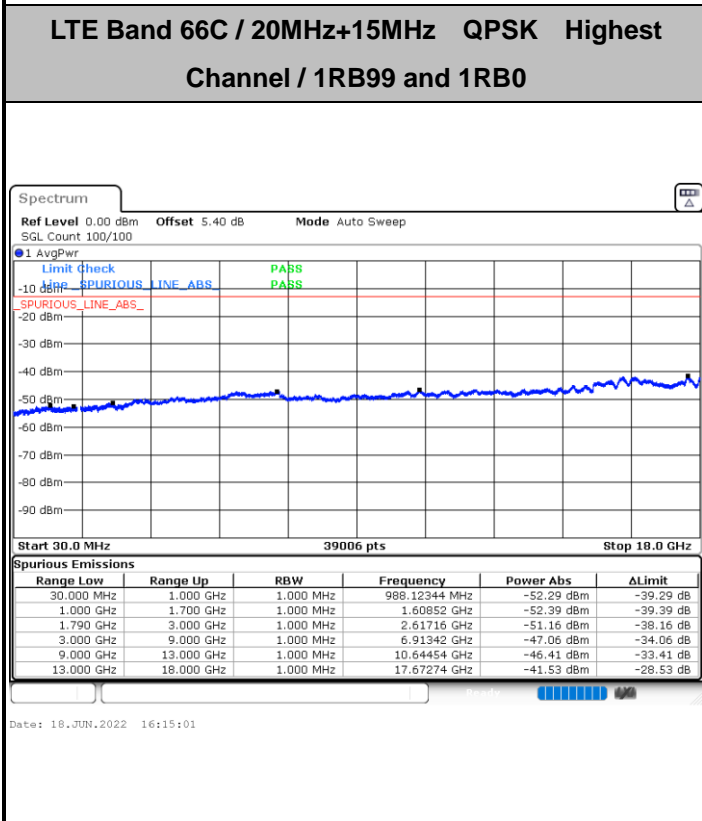
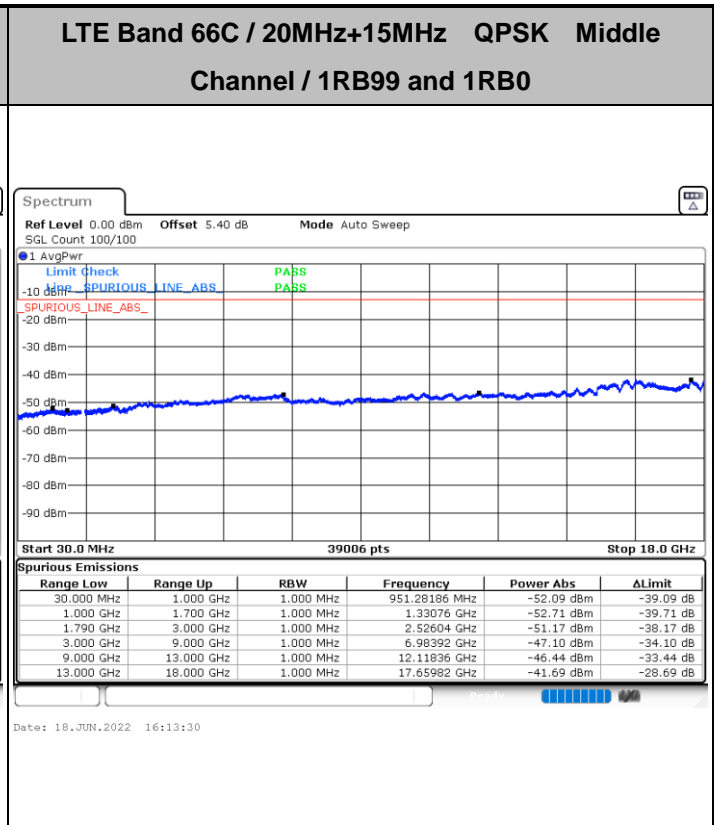
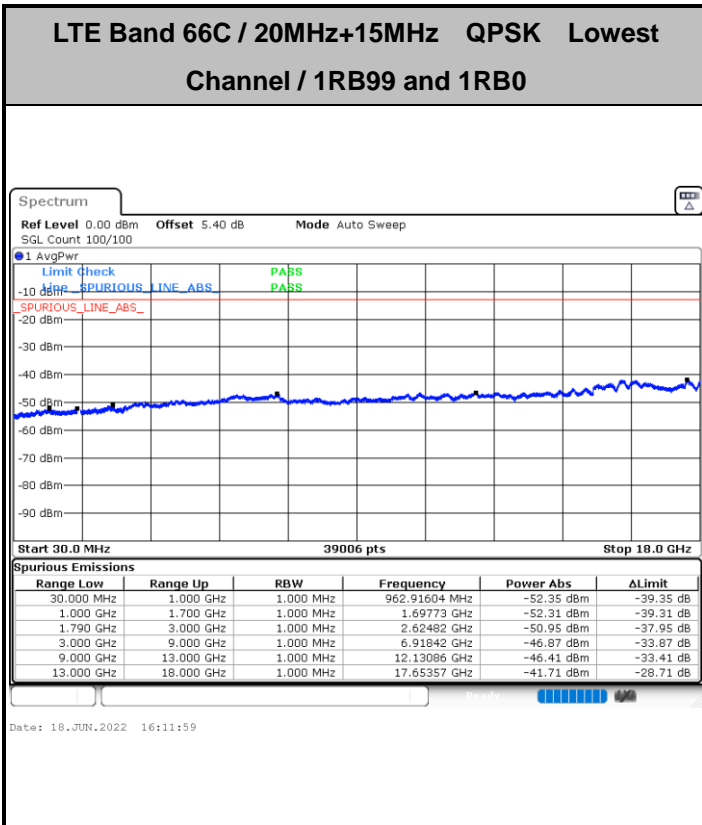
Date: 18.JUN.2022 14:58:37

LTE Band 66C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 18.JUN.2022 15:00:08

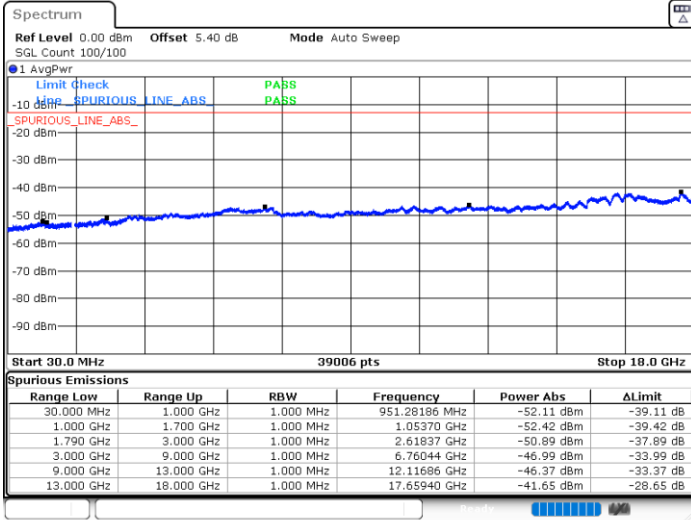




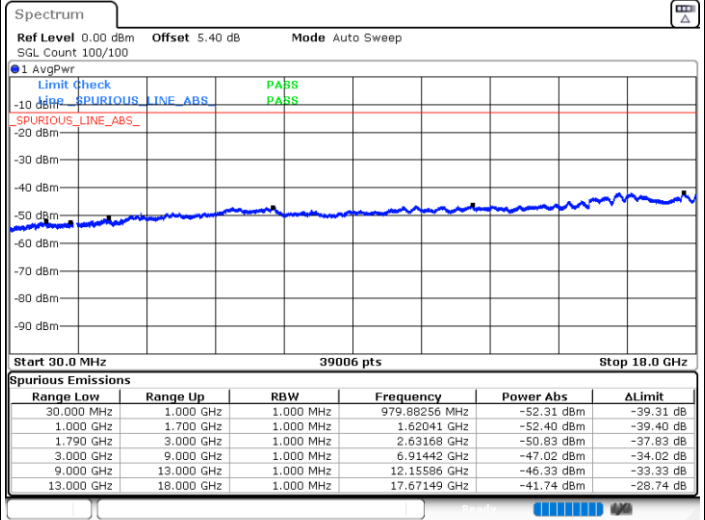


LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

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

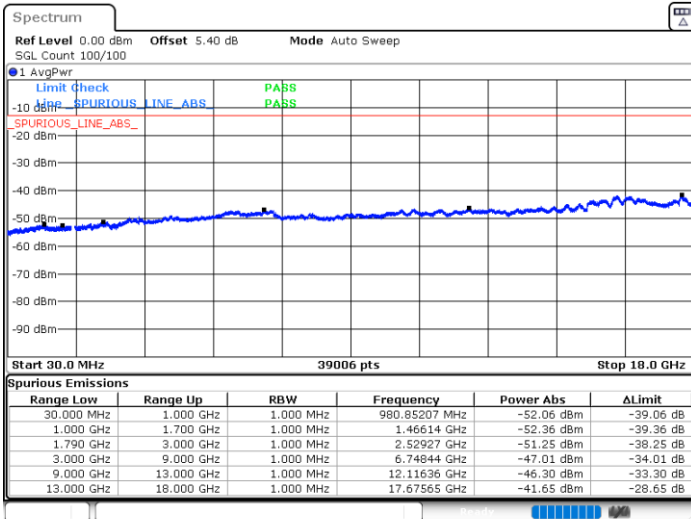


Date: 18.JUN.2022 16:52:27



Date: 18.JUN.2022 16:48:50

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



Date: 18.JUN.2022 16:53:57



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	0.0024	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0026	

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.

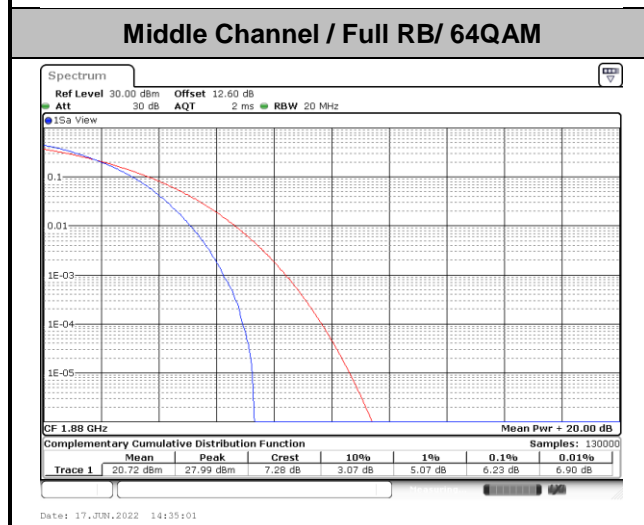
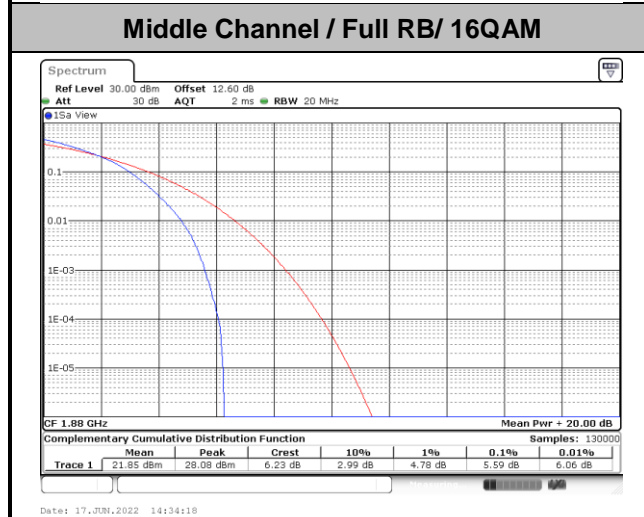
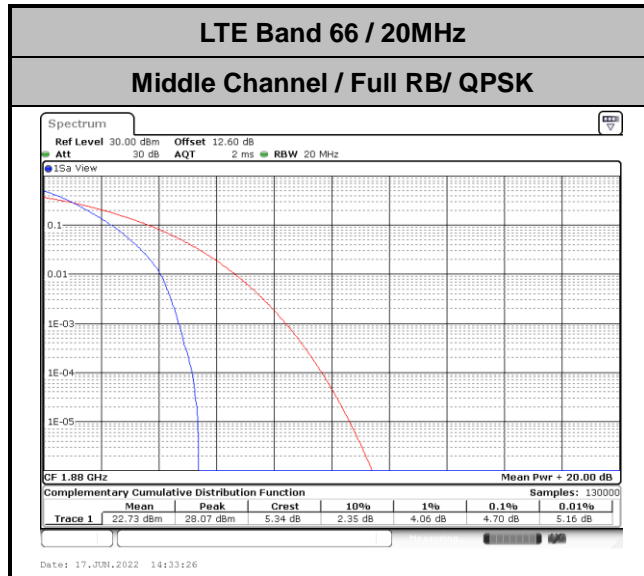


Other PA

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	4.7	5.59	6.23	PASS





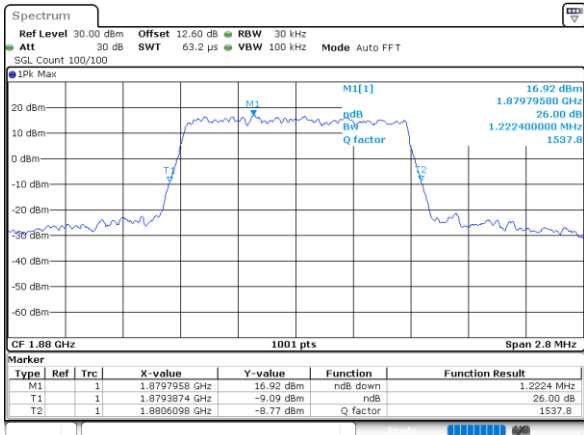
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.22	1.21
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.06	3.04
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.94	4.93
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	9.73
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.51	14.72
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.22	18.78



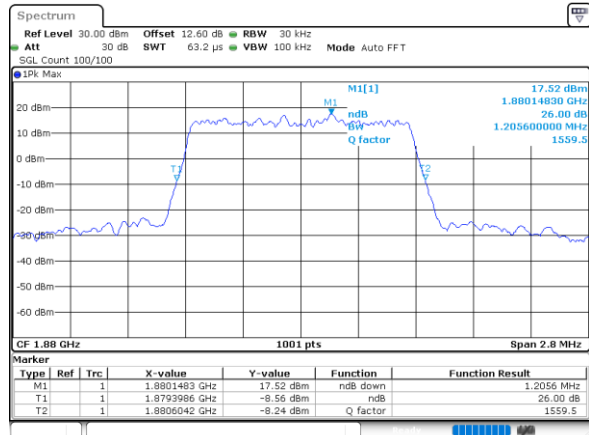
LTE Band 2

Middle Channel / 1.4MHz / QPSK



Date: 17_JUN,2022 11:03:58

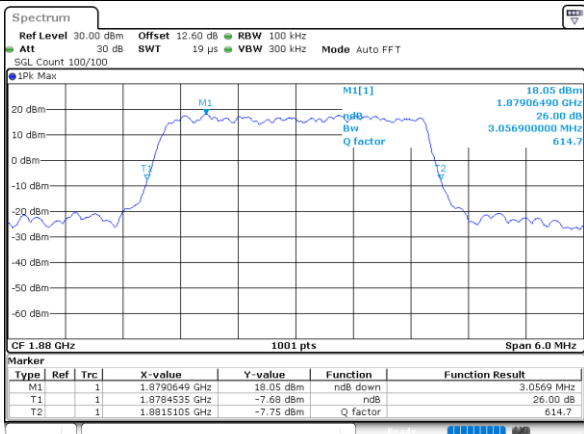
Middle Channel / 1.4MHz / 16QAM



Date: 17_JUN,2022 11:04:24

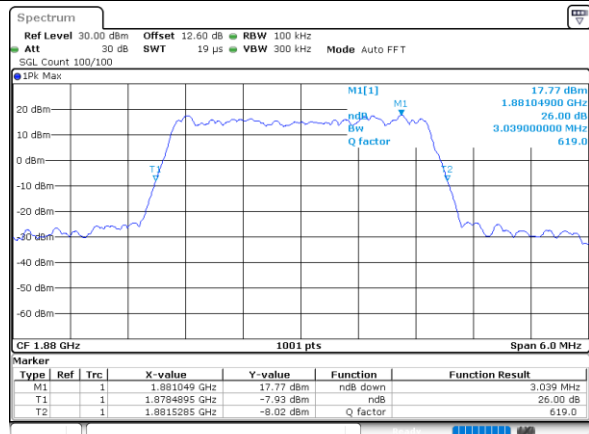
LTE Band 2

Middle Channel / 3MHz / QPSK



Date: 17_JUN,2022 11:48:56

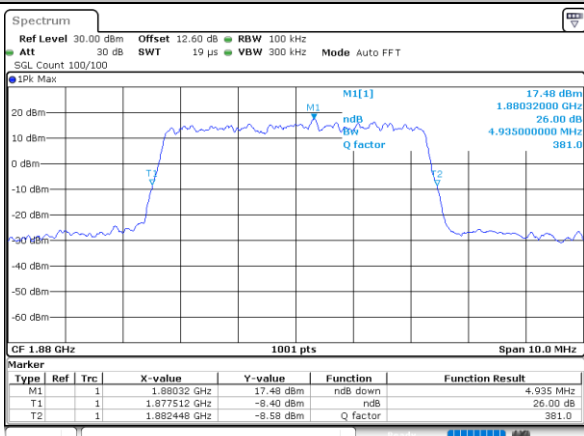
Middle Channel / 3MHz / 16QAM



Date: 17_JUN,2022 11:49:11

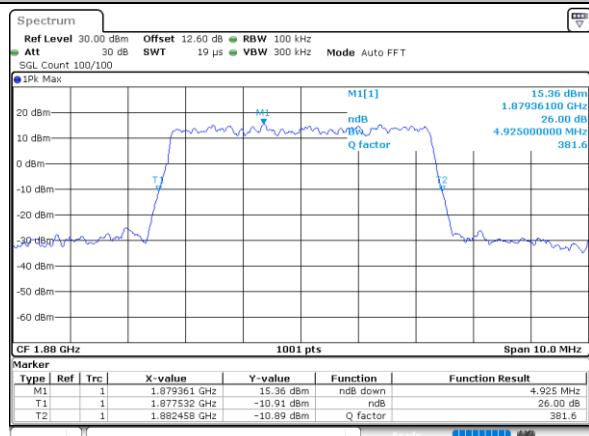
LTE Band 2

Middle Channel / 5MHz / QPSK



Date: 17_JUN,2022 12:33:36

Middle Channel / 5MHz / 16QAM



Date: 17_JUN,2022 12:34:06