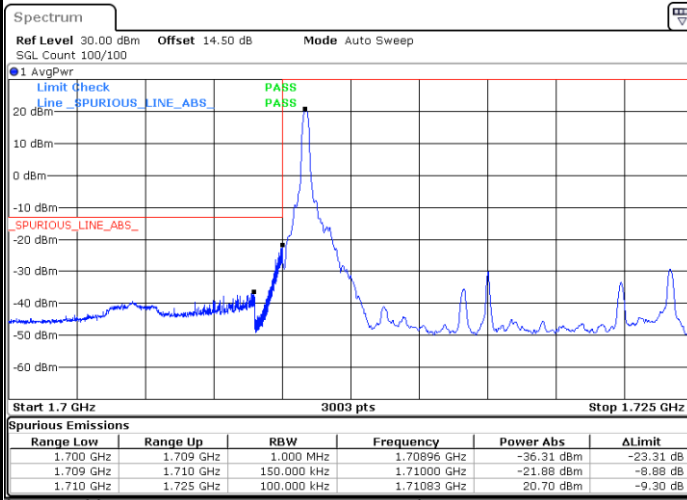




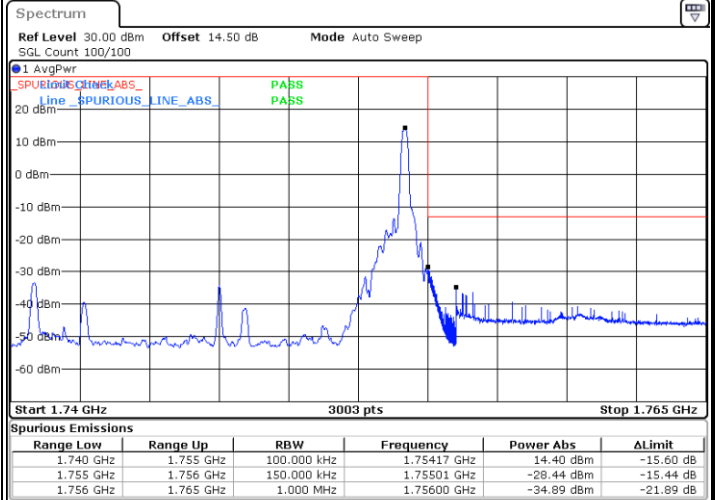
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



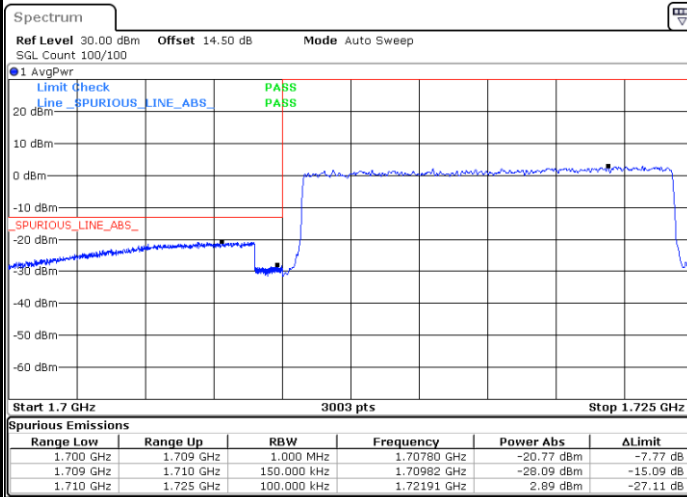
Date: 14.DEC.2021 15:24:03

Highest Band Edge / 1 RB



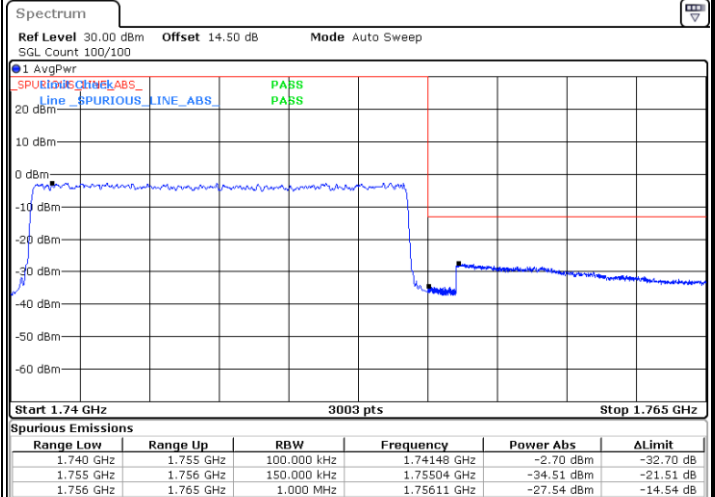
Date: 14.DEC.2021 17:25:01

Lowest Band Edge / Full RB



Date: 14.DEC.2021 15:26:39

Highest Band Edge / Full RB

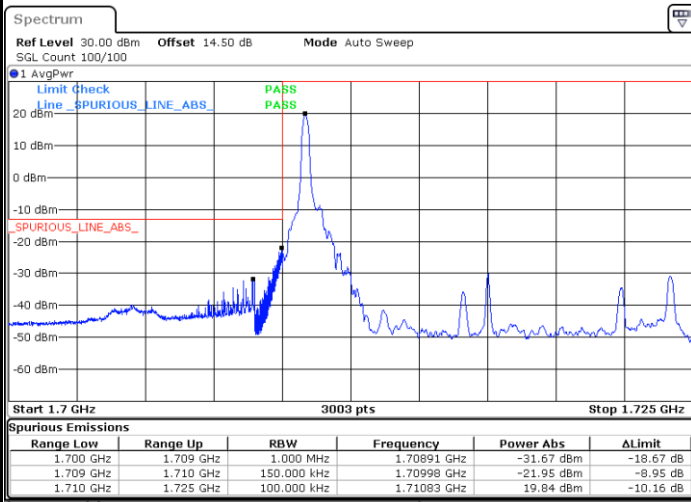


Date: 14.DEC.2021 17:27:36



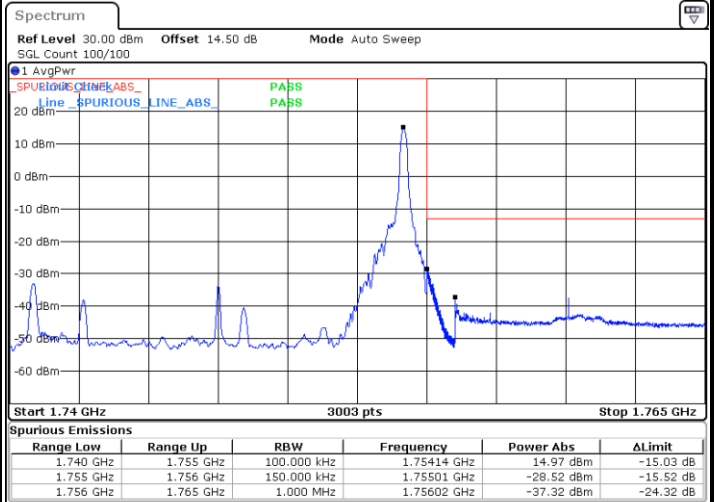
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



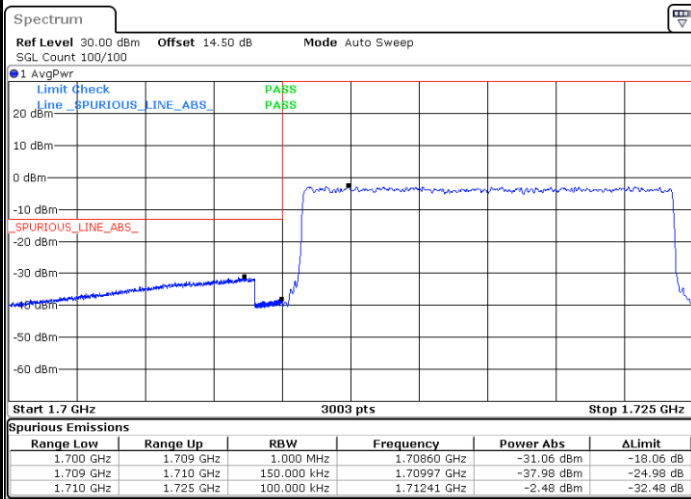
Date: 14.DEC.2021 15:25:21

Highest Band Edge / 1 RB



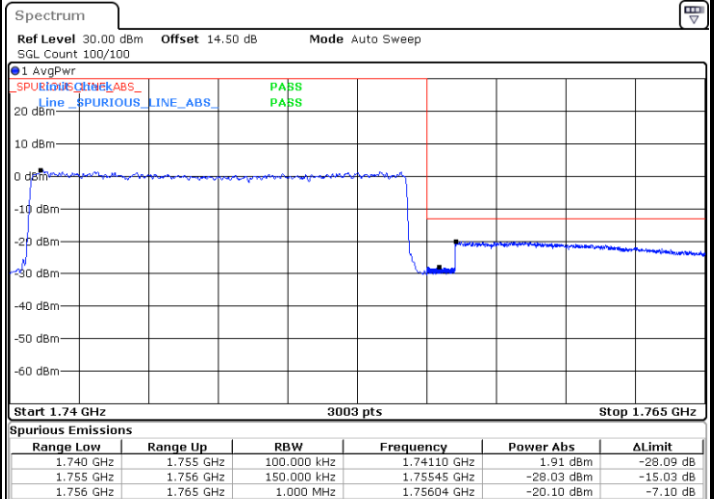
Date: 14.DEC.2021 17:26:19

Lowest Band Edge / Full RB



Date: 14.DEC.2021 15:27:57

Highest Band Edge / Full RB

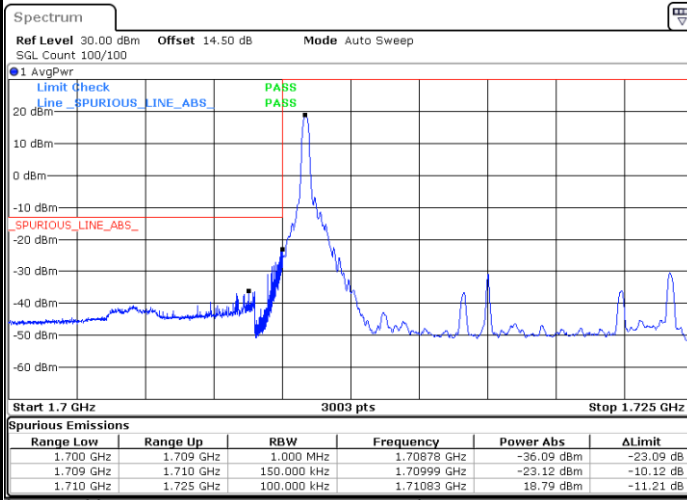


Date: 14.DEC.2021 17:28:55



LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



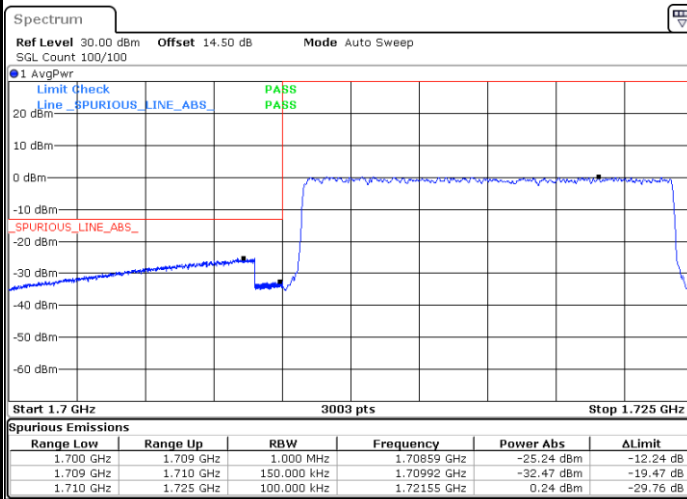
Date: 14.DEC.2021 19:21:02

Highest Band Edge / 1 RB



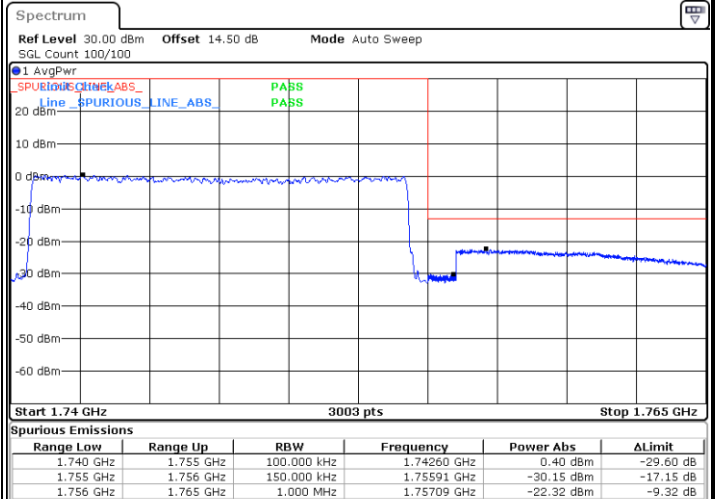
Date: 14.DEC.2021 19:27:33

Lowest Band Edge / Full RB



Date: 14.DEC.2021 19:22:20

Highest Band Edge / Full RB

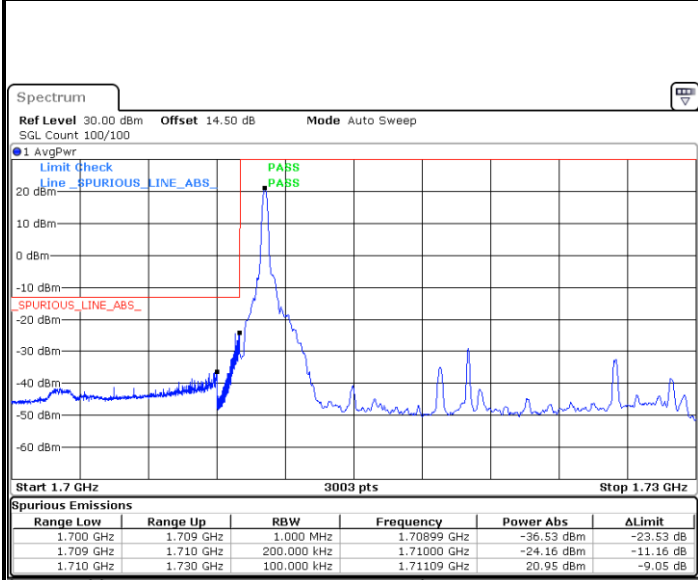


Date: 14.DEC.2021 19:28:51



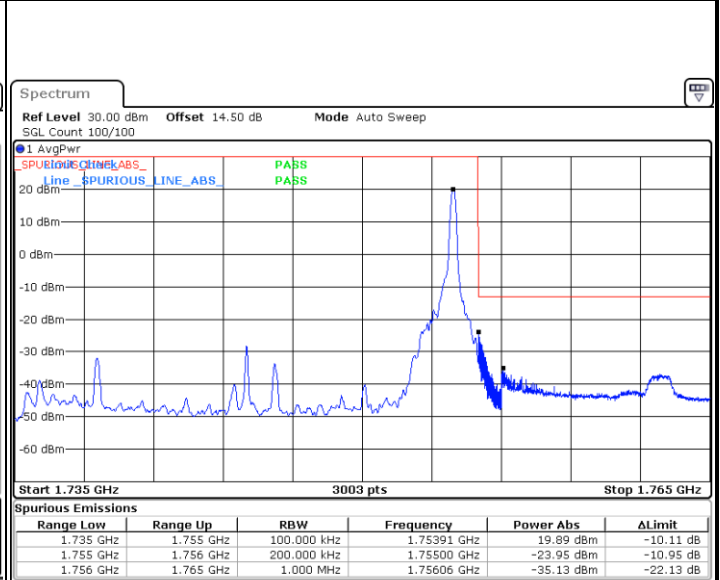
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



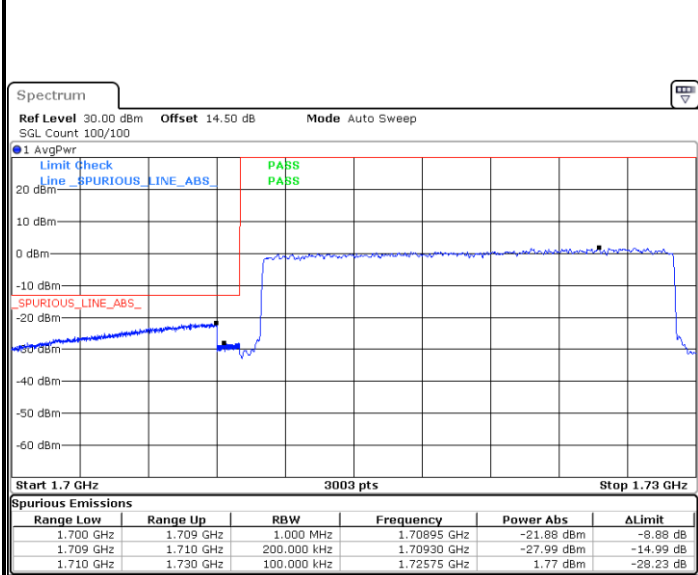
Date: 14.DEC.2021 17:34:28

Highest Band Edge / 1 RB



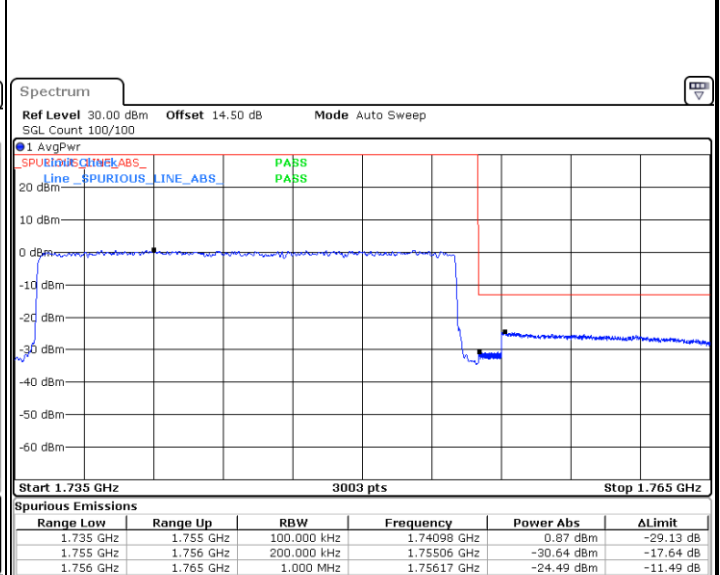
Date: 14.DEC.2021 18:39:24

Lowest Band Edge / Full RB



Date: 14.DEC.2021 17:37:04

Highest Band Edge / Full RB

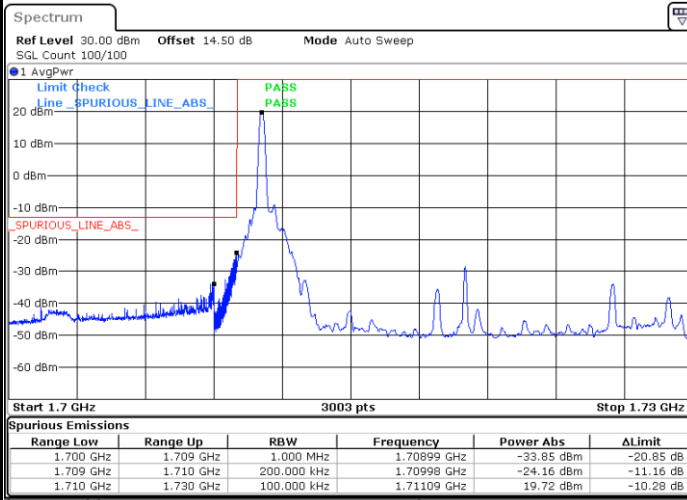


Date: 14.DEC.2021 18:41:59



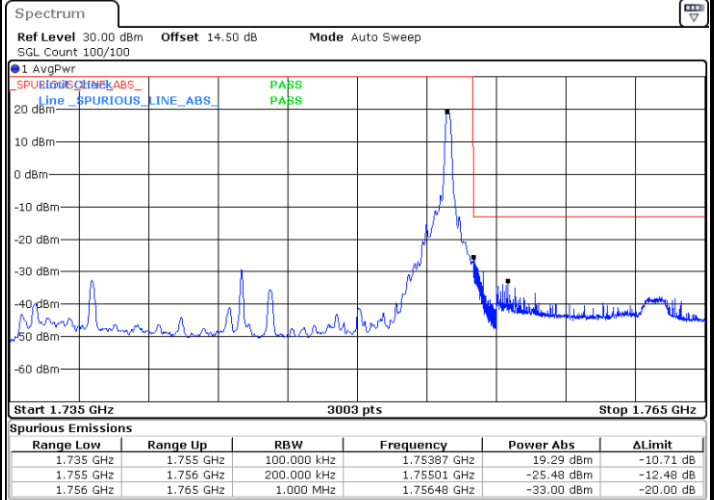
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



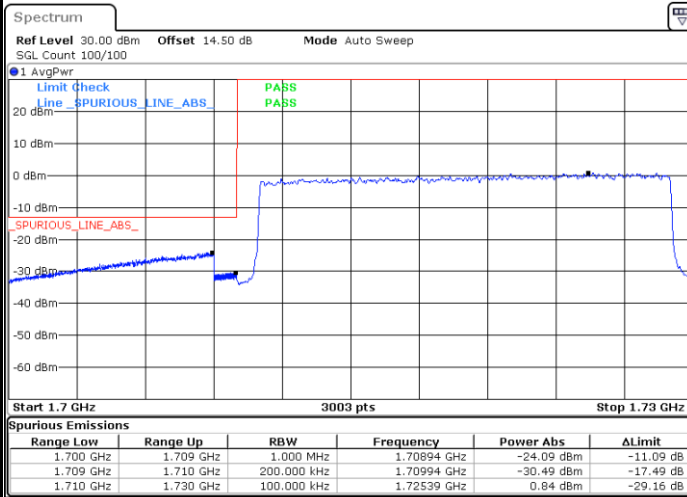
Date: 14.DEC.2021 17:35:46

Highest Band Edge / 1 RB



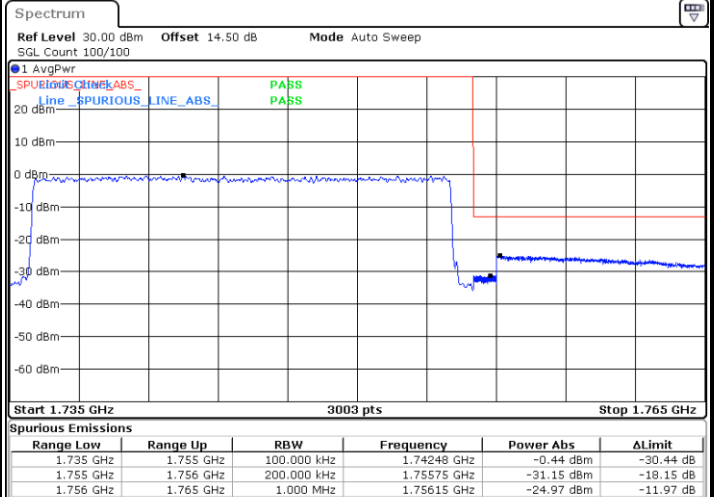
Date: 14.DEC.2021 18:40:42

Lowest Band Edge / Full RB



Date: 14.DEC.2021 17:38:22

Highest Band Edge / Full RB

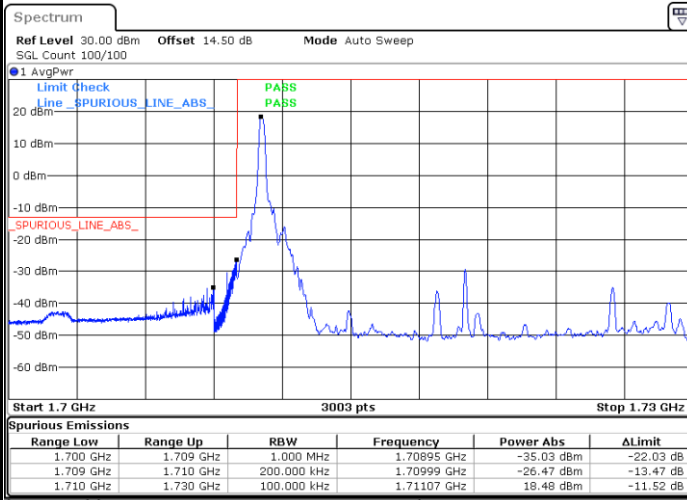


Date: 14.DEC.2021 18:43:17



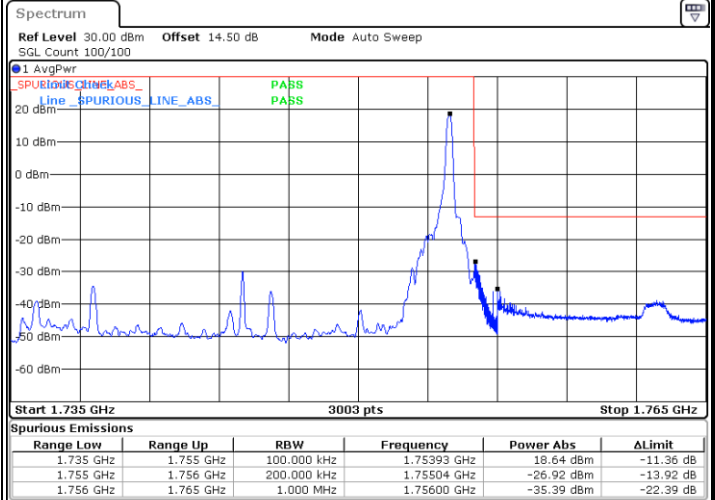
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



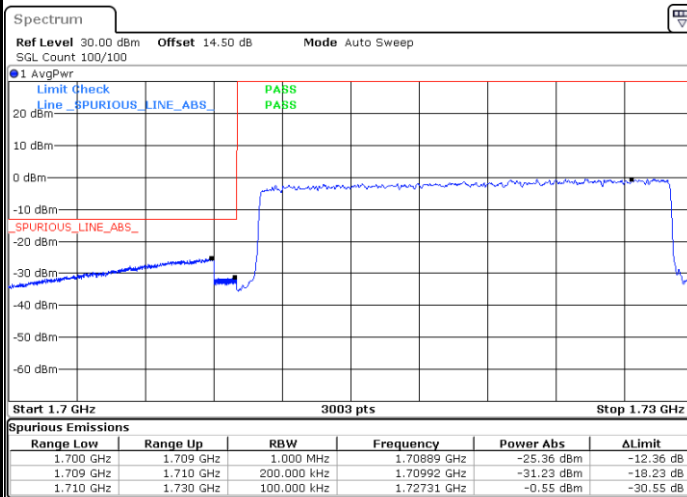
Date: 14.DEC.2021 19:32:07

Highest Band Edge / 1 RB



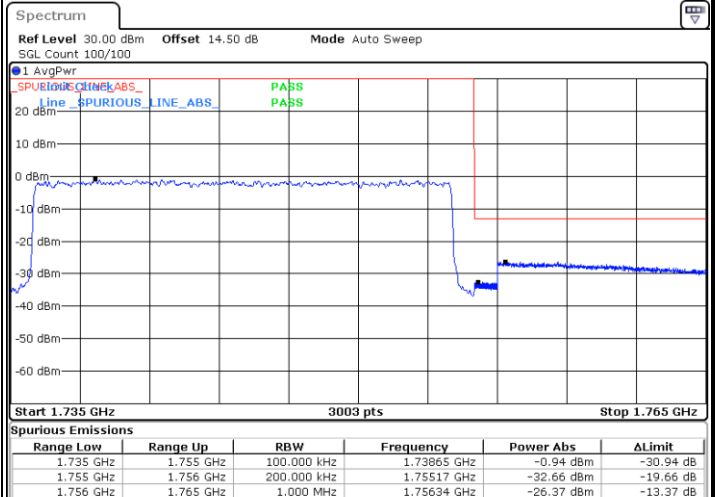
Date: 14.DEC.2021 19:38:38

Lowest Band Edge / Full RB



Date: 14.DEC.2021 19:33:25

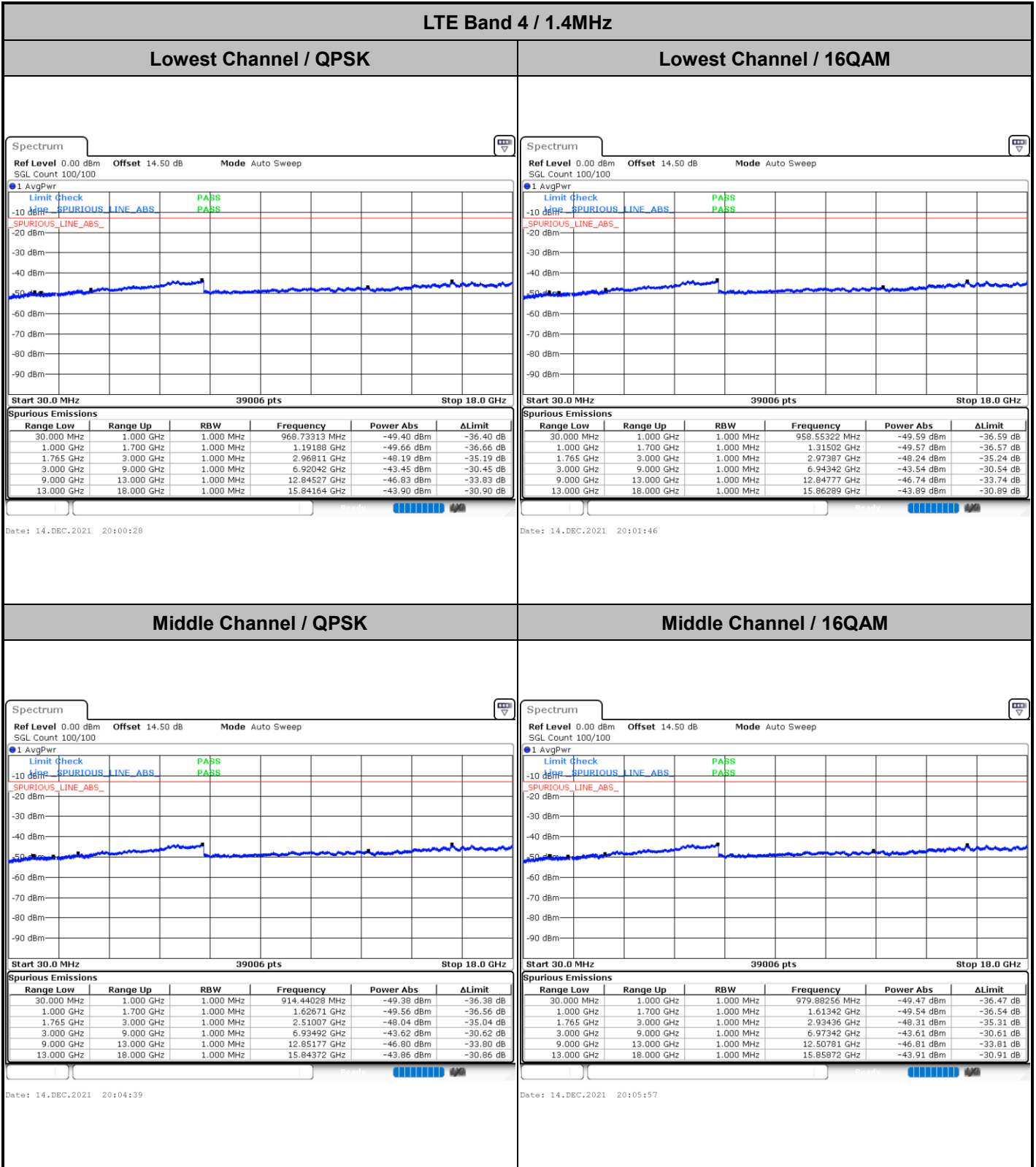
Highest Band Edge / Full RB



Date: 14.DEC.2021 19:39:56



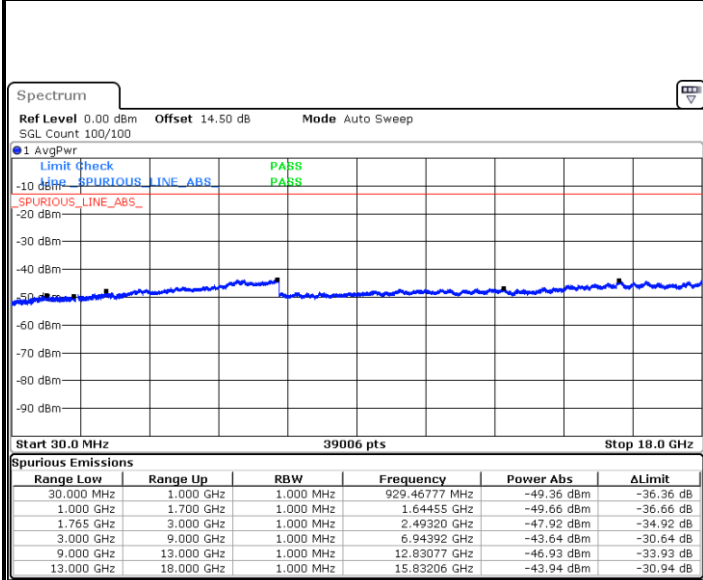
Conducted Spurious Emission





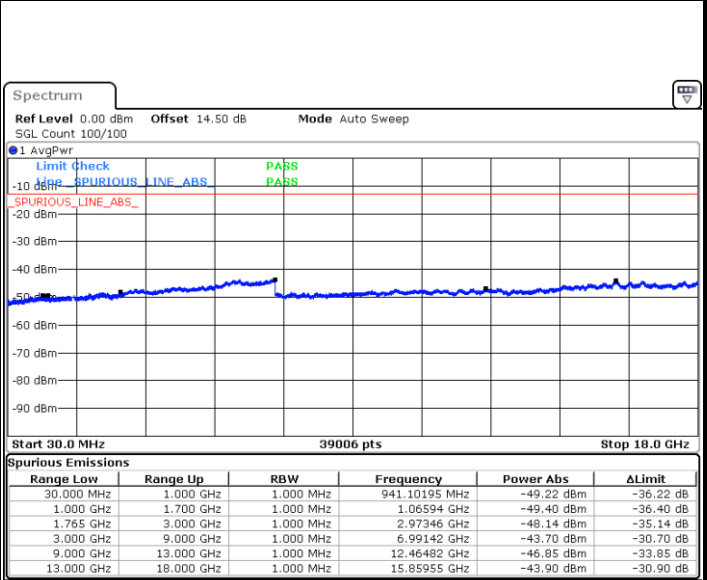
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 14.DEC.2021 20:14:04

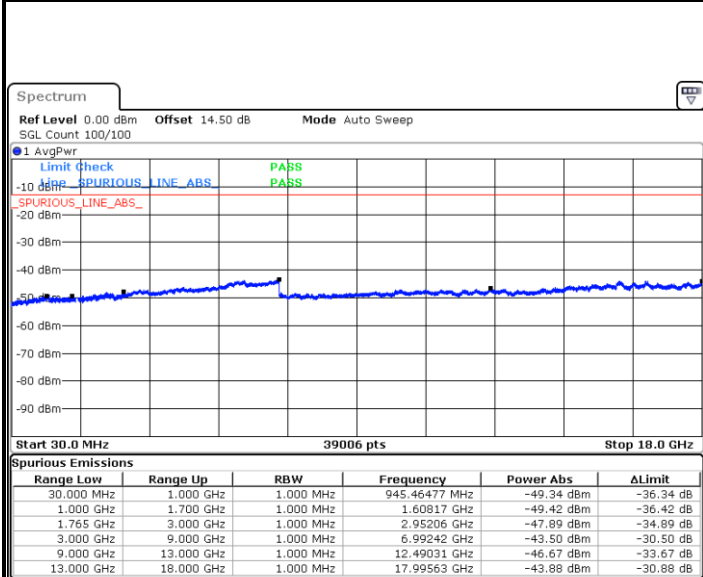
Highest Channel / 16QAM



Date: 14.DEC.2021 20:15:22

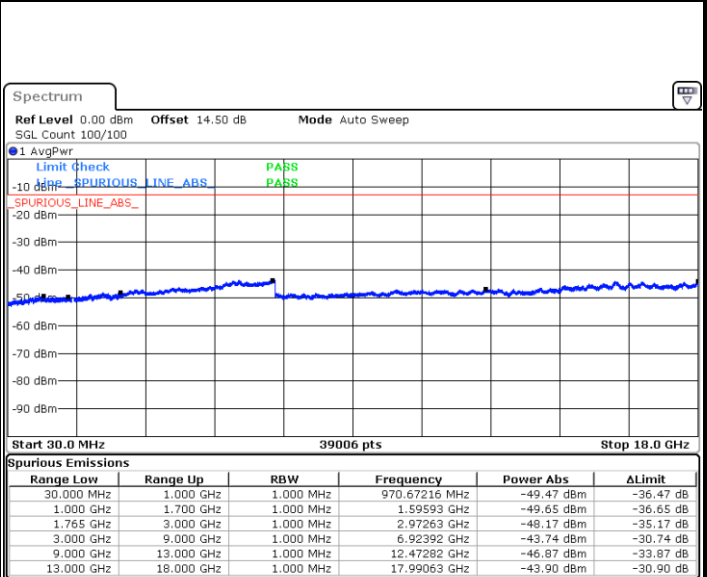
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 14.DEC.2021 14:18:31

Lowest Channel / 16QAM



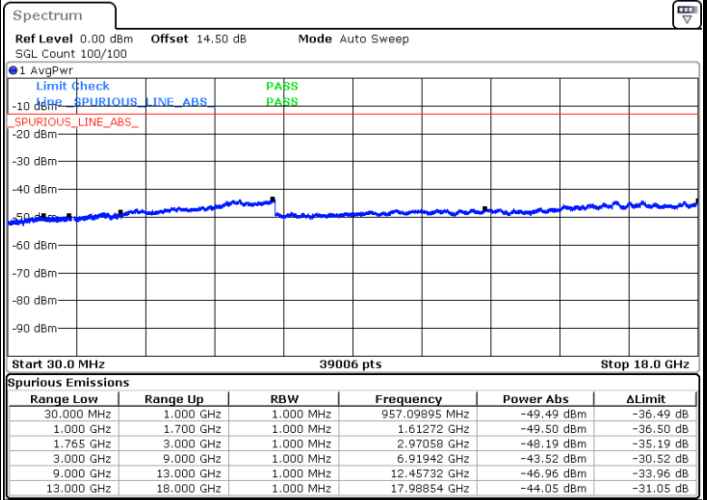
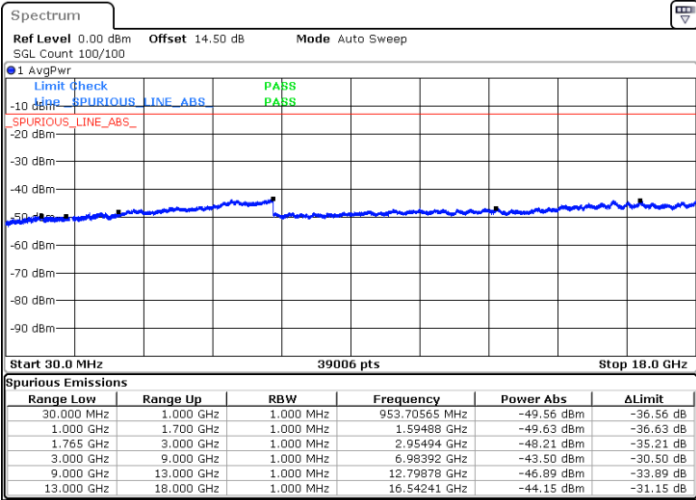
Date: 14.DEC.2021 14:19:49



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

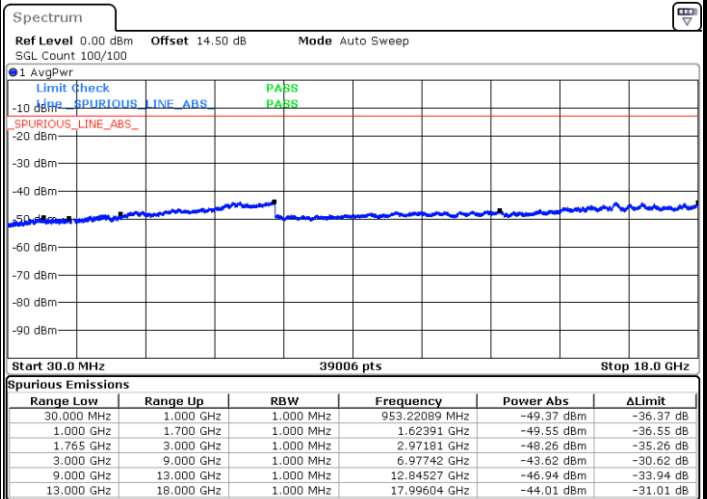
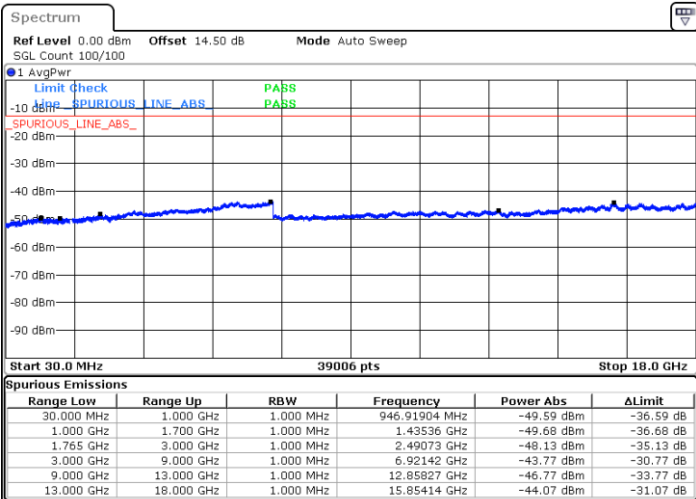


Date: 14. DEC. 2021 14:22:42

Date: 14. DEC. 2021 14:24:00

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14. DEC. 2021 14:33:46

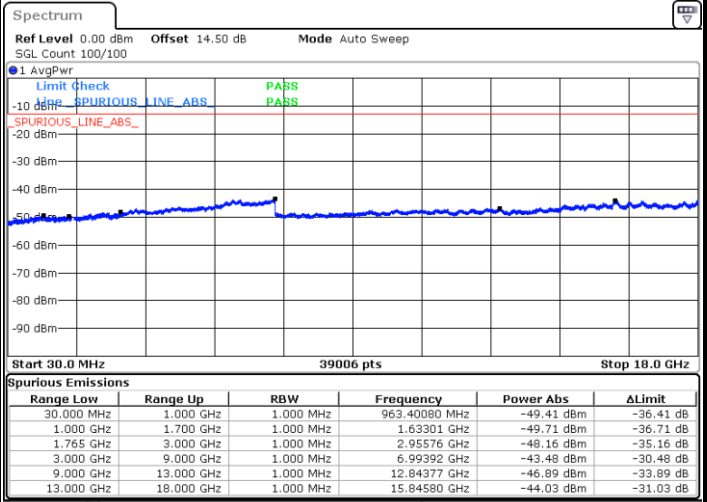
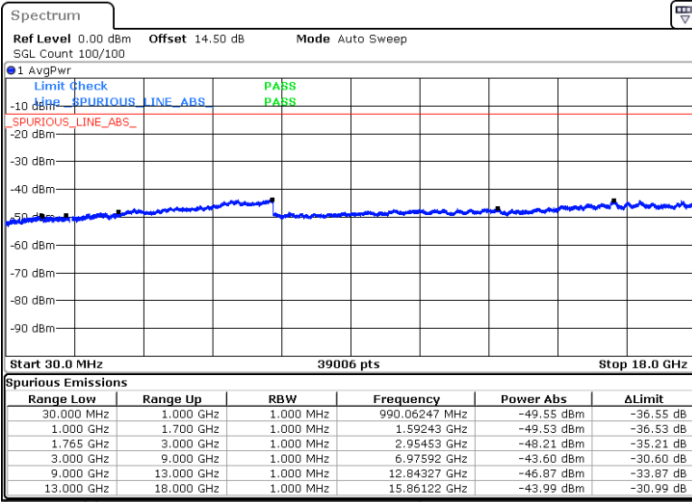
Date: 14. DEC. 2021 14:35:04



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

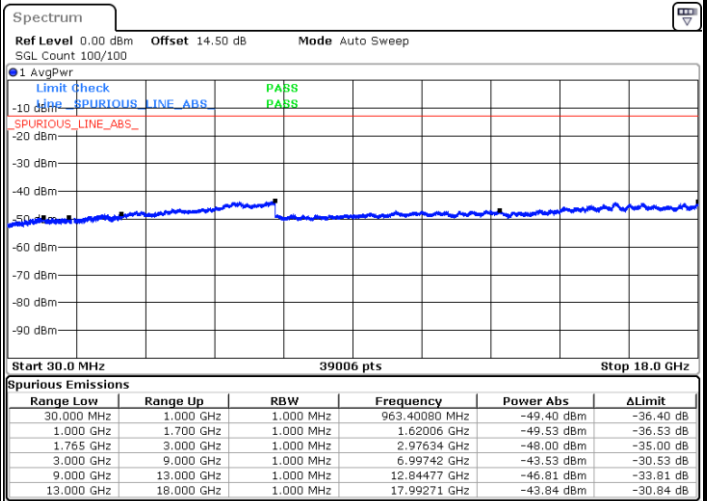
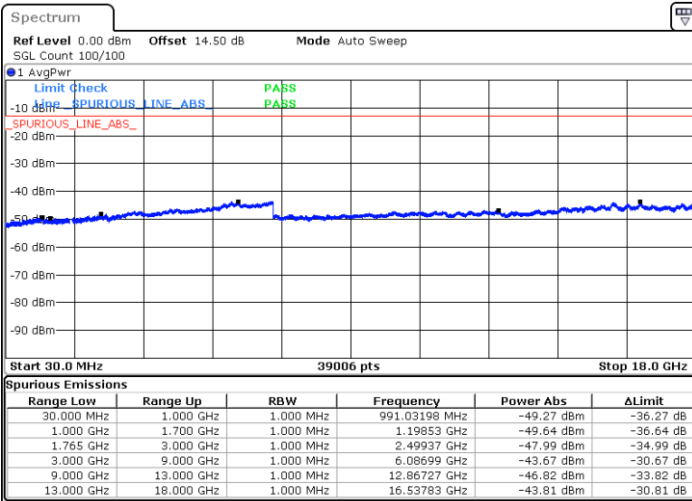


Date: 14.DEC.2021 14:43:12

Date: 14.DEC.2021 14:44:31

Middle Channel / QPSK

Middle Channel / 16QAM



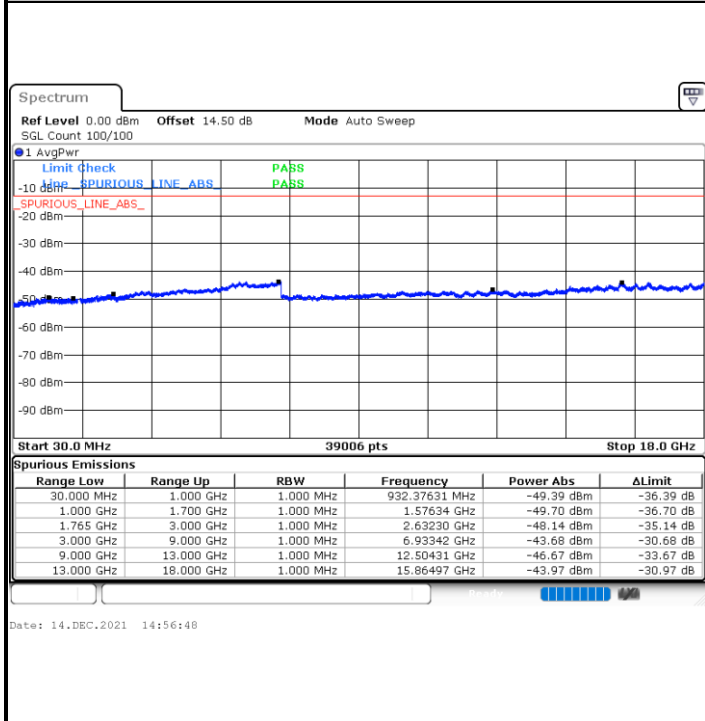
Date: 14.DEC.2021 14:47:24

Date: 14.DEC.2021 14:48:41

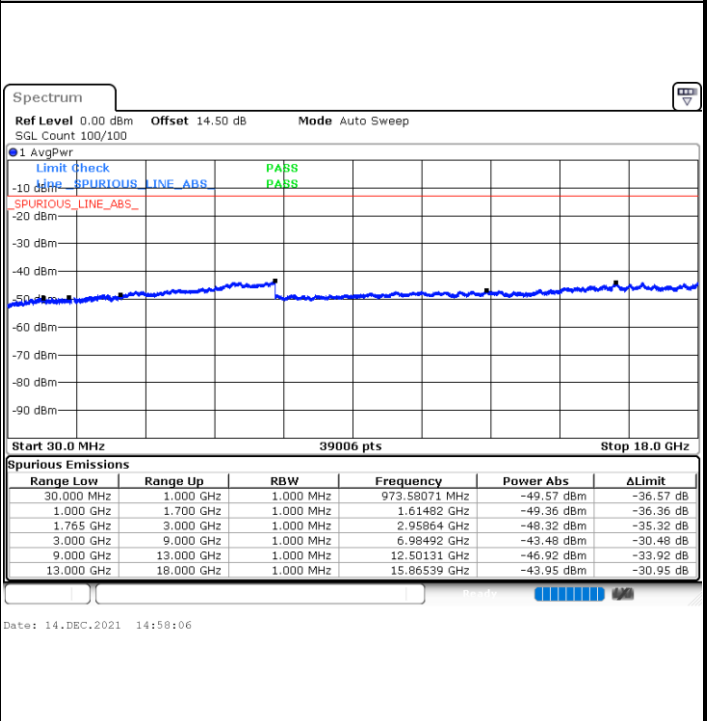


LTE Band 4 / 5MHz

Highest Channel / QPSK

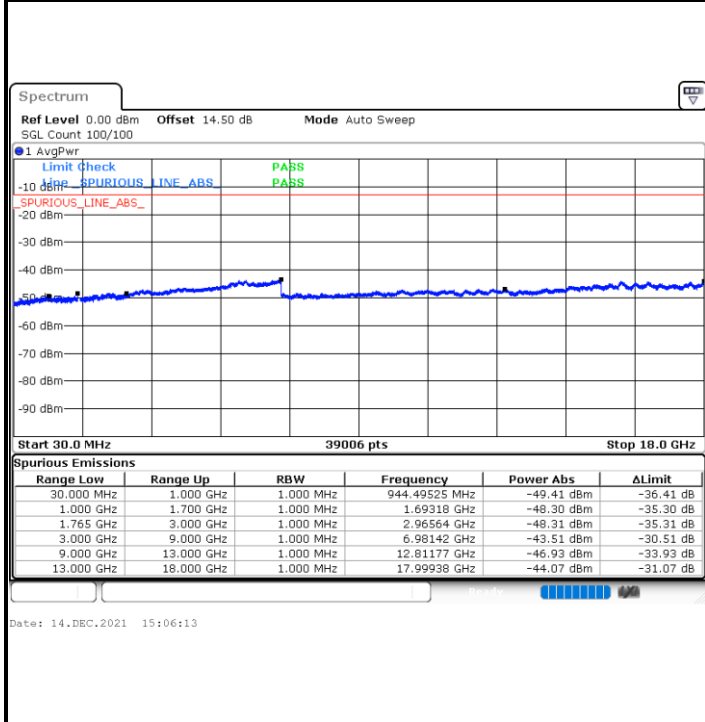


Highest Channel / 16QAM

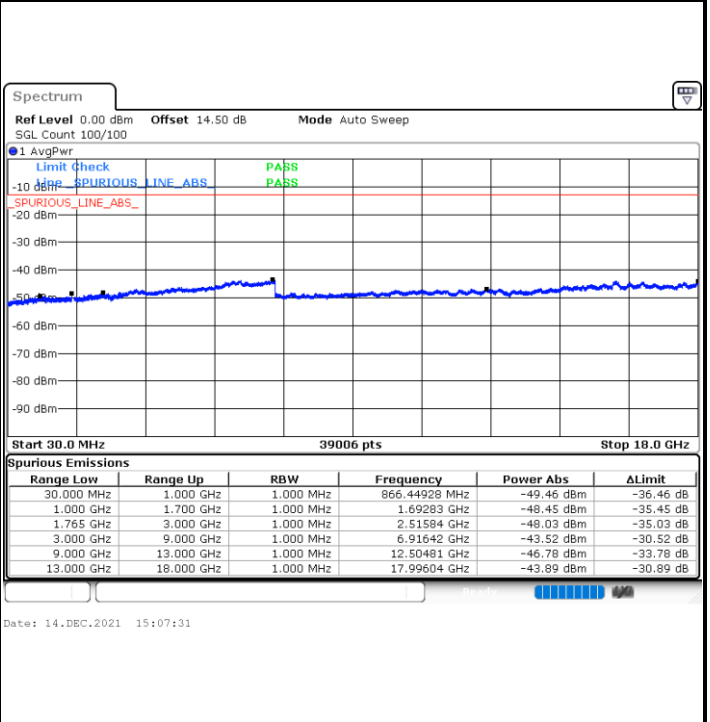


LTE Band 4 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

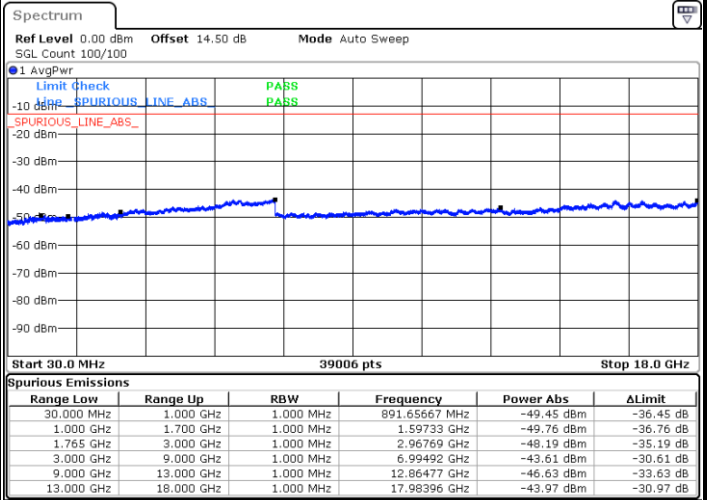
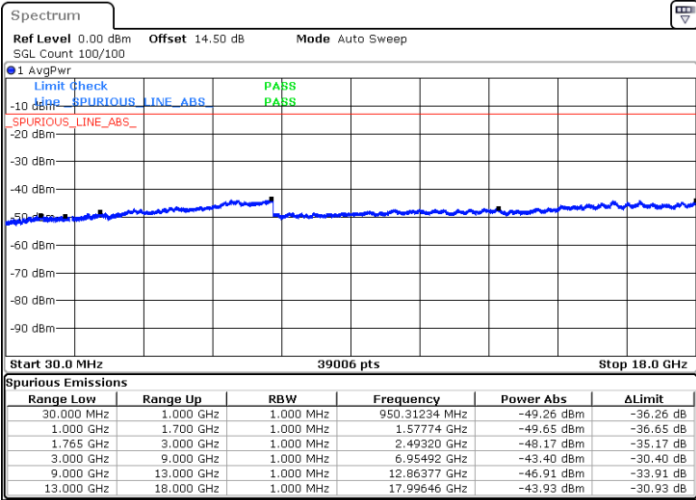




LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

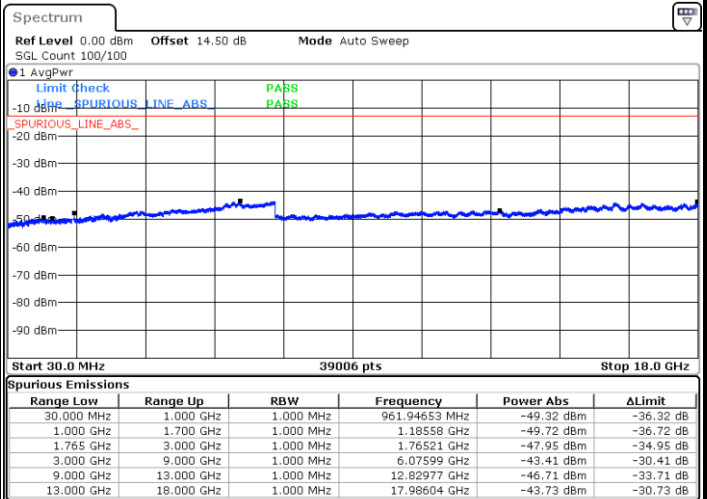
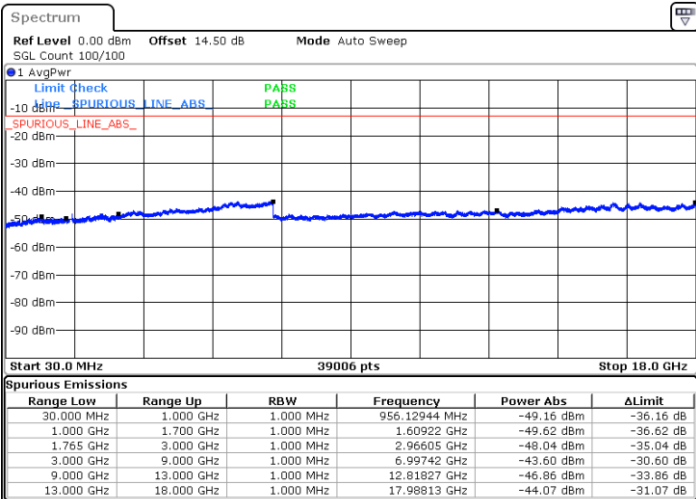


Date: 14.DEC.2021 15:10:24

Date: 14.DEC.2021 15:11:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.DEC.2021 15:19:48

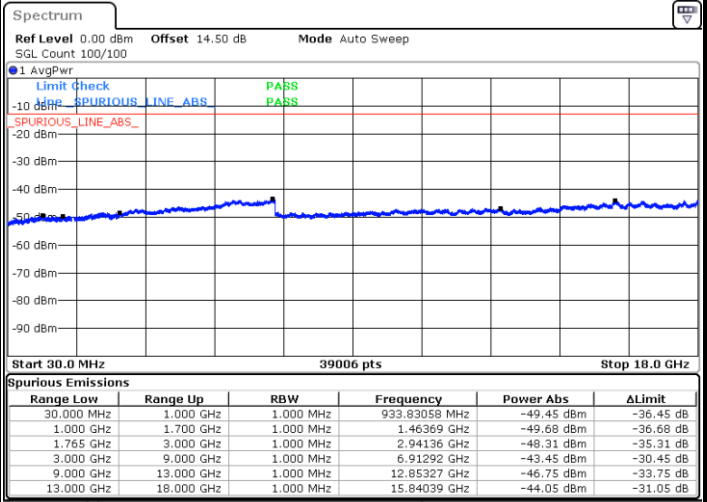
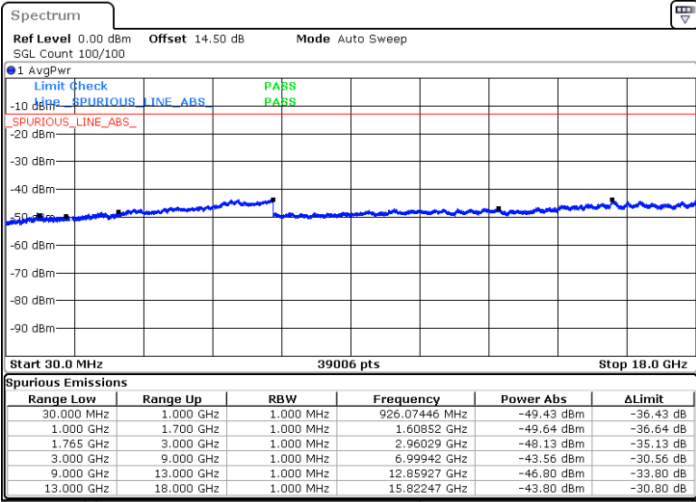
Date: 14.DEC.2021 15:21:07



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

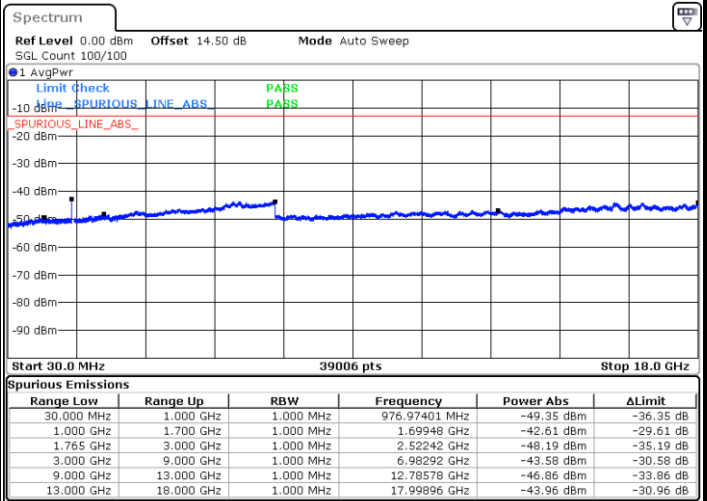
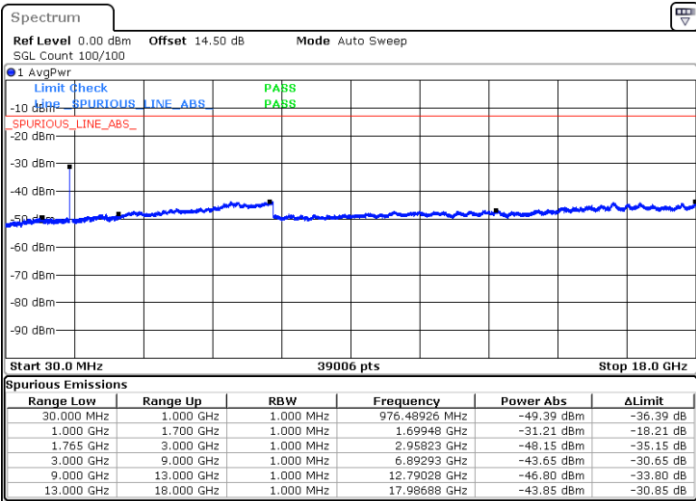


Date: 14.DEC.2021 15:29:15

Date: 14.DEC.2021 15:30:33

Middle Channel / QPSK

Middle Channel / 16QAM



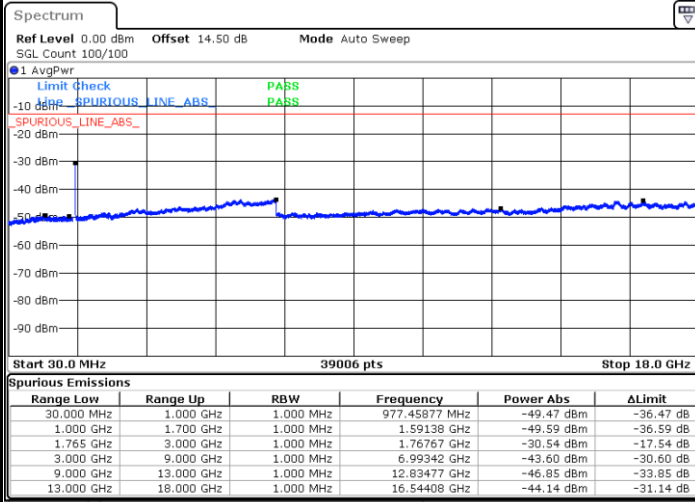
Date: 14.DEC.2021 15:33:28

Date: 14.DEC.2021 17:22:06



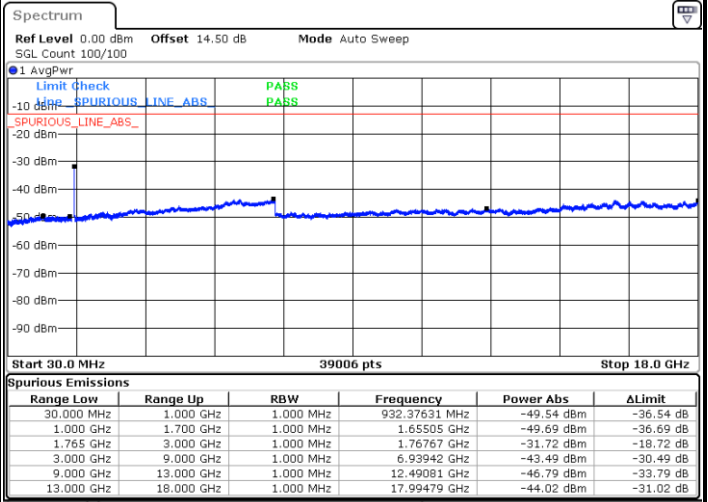
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 14.DEC.2021 17:30:14

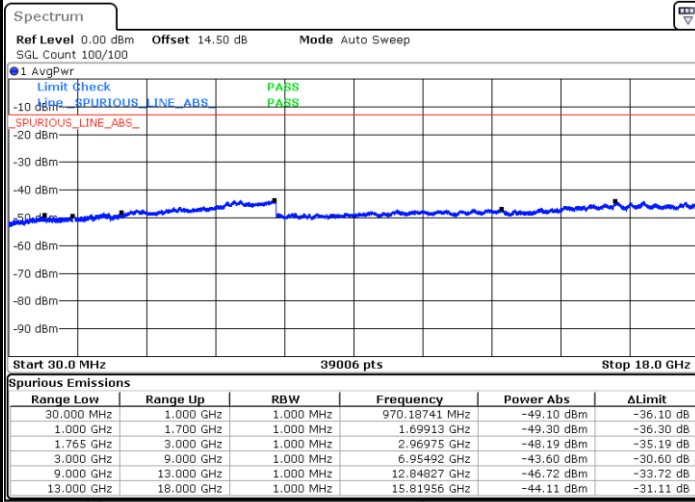
Highest Channel / 16QAM



Date: 14.DEC.2021 17:31:32

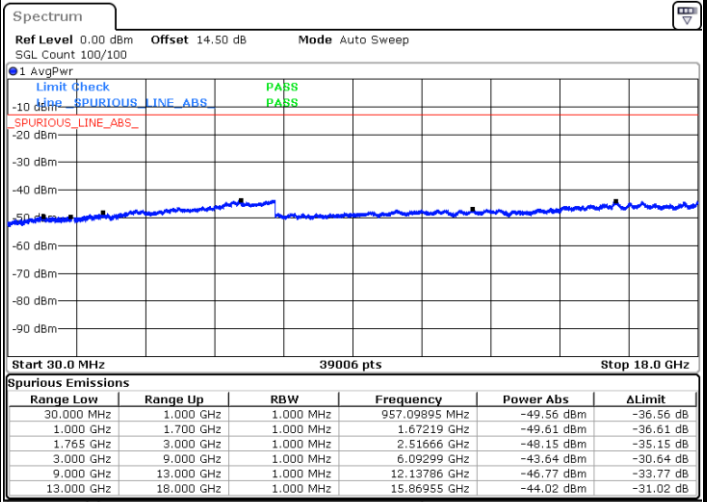
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 14.DEC.2021 17:39:40

Lowest Channel / 16QAM



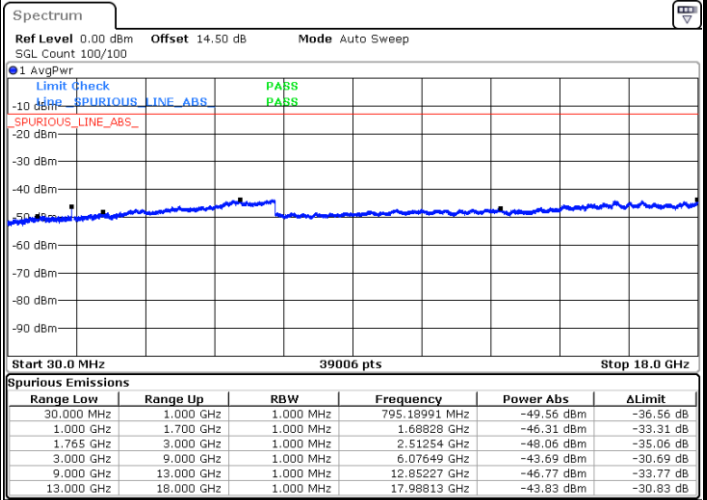
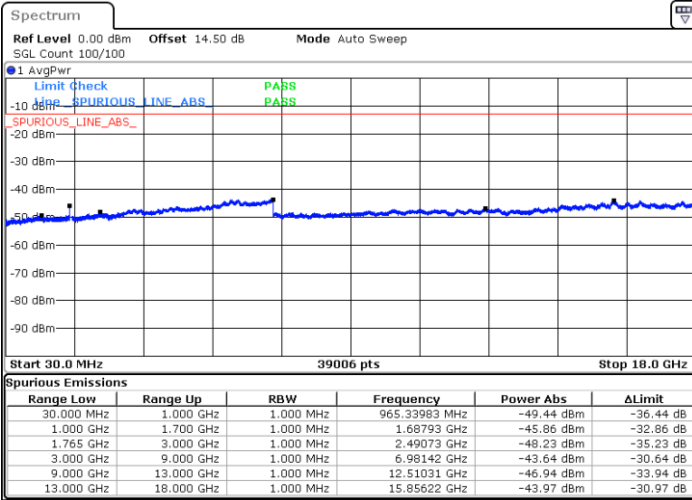
Date: 14.DEC.2021 17:40:58



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

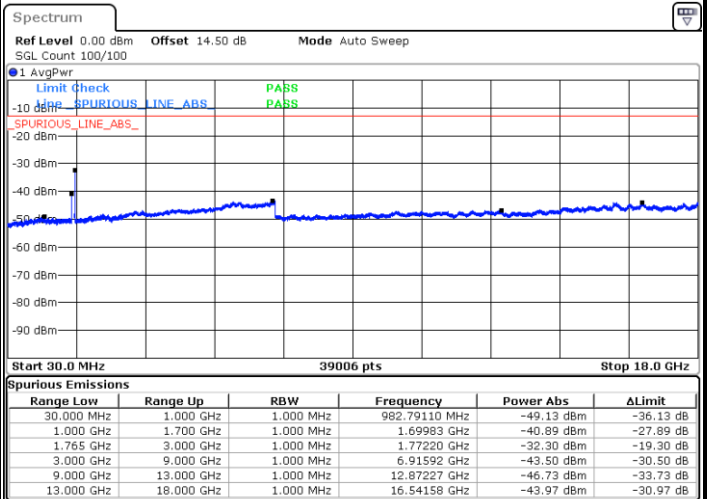
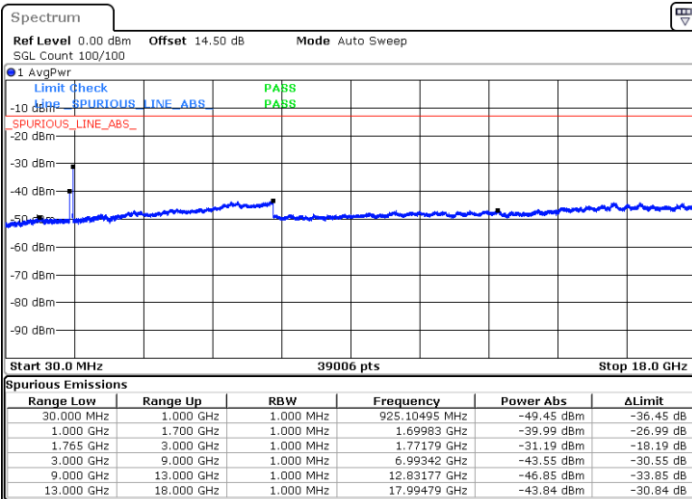


Date: 14. DEC. 2021 18:35:11

Date: 14. DEC. 2021 18:36:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14. DEC. 2021 18:44:35

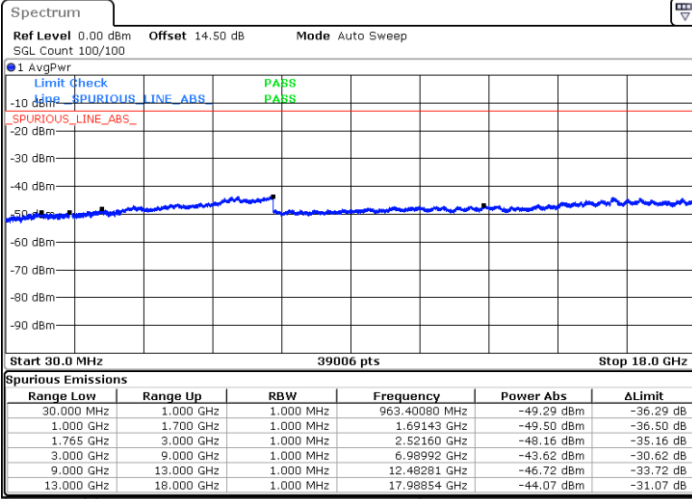
Date: 14. DEC. 2021 18:45:53



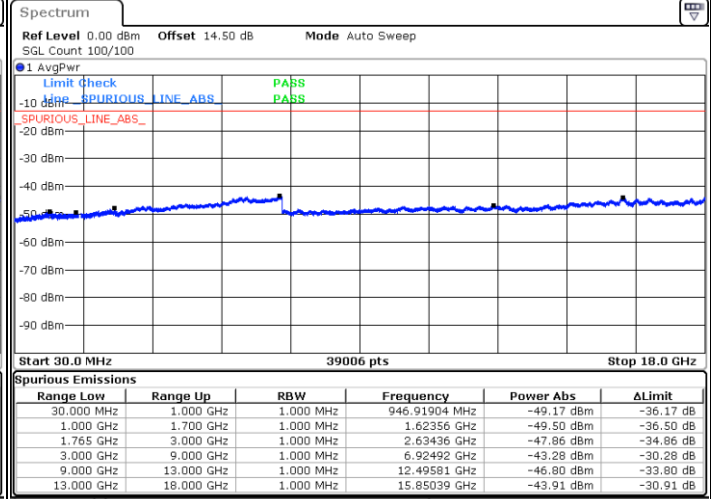
LTE Band 4 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

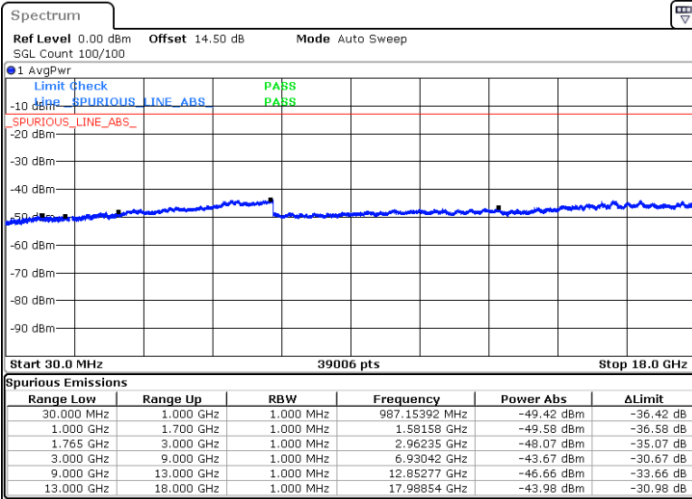


Date: 14.DEC.2021 19:45:52



Date: 14.DEC.2021 19:47:48

Highest Channel / 64QAM



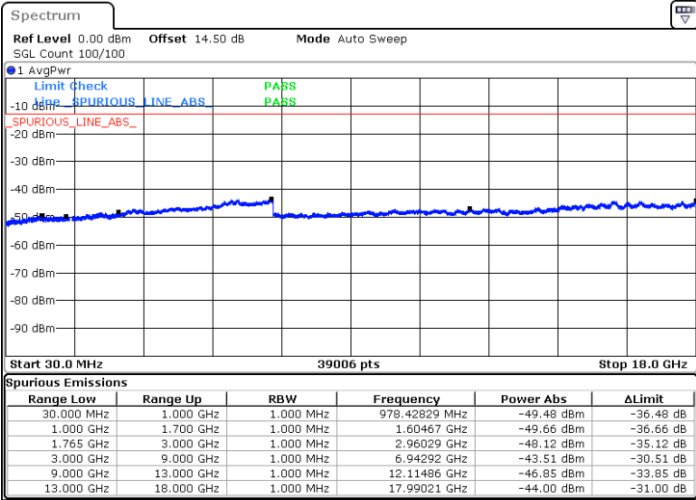
Date: 14.DEC.2021 19:52:21



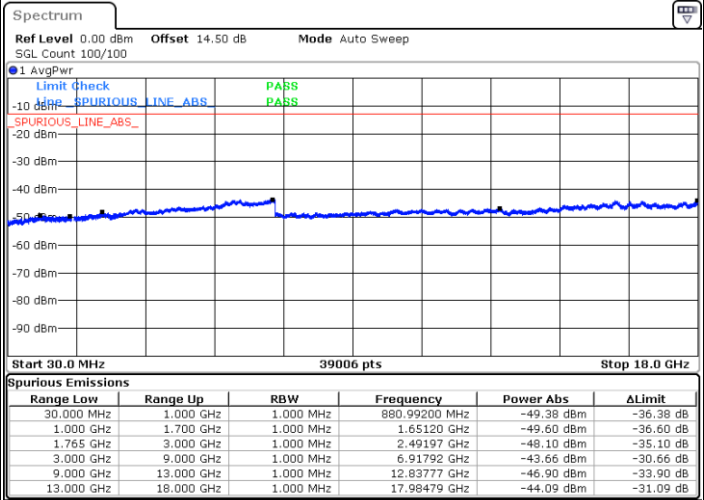
LTE Band 4 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

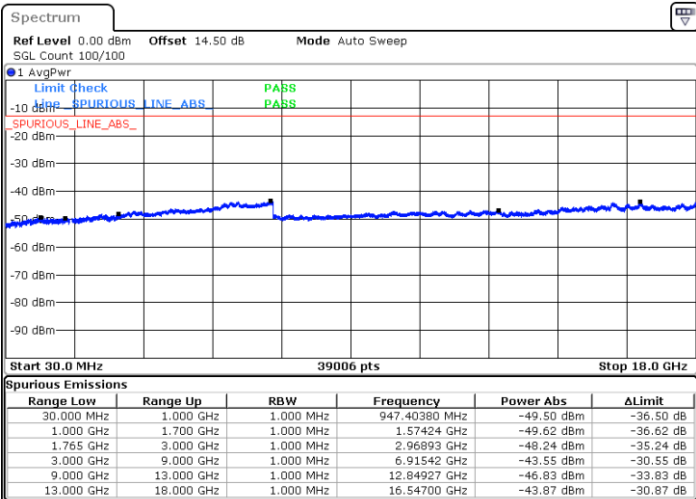


Date: 14.DEC.2021 18:50:26



Date: 14.DEC.2021 18:52:23

Highest Channel / 64QAM



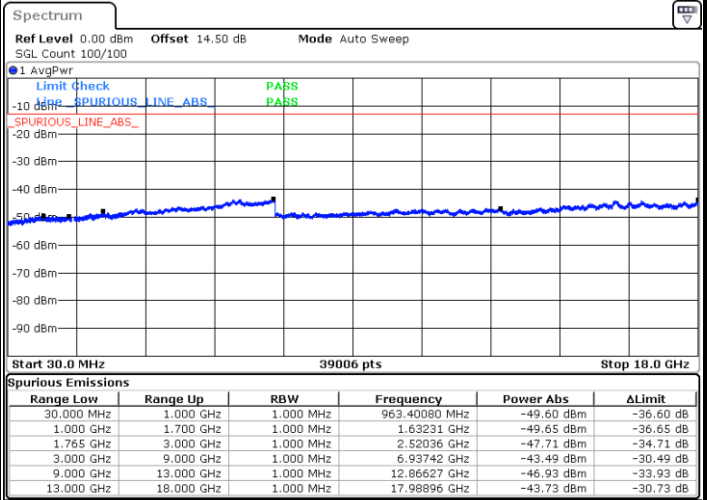
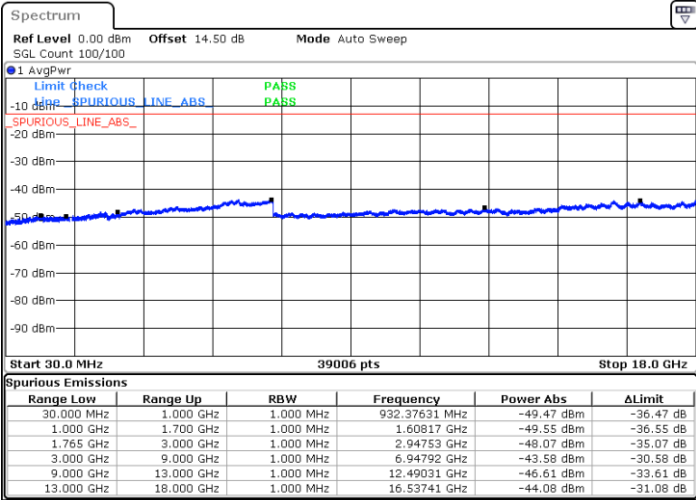
Date: 14.DEC.2021 18:56:57



LTE Band 4 / 5MHz

Lowest Channel / 64QAM

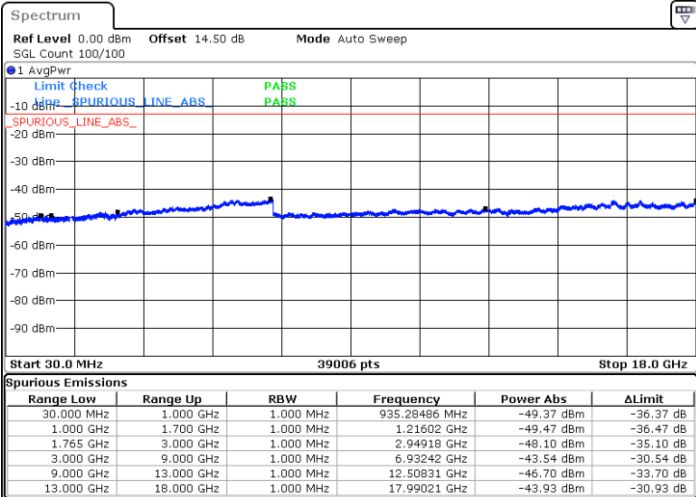
Middle Channel / 64QAM



Date: 14.DEC.2021 19:01:32

Date: 14.DEC.2021 19:03:29

Highest Channel / 64QAM



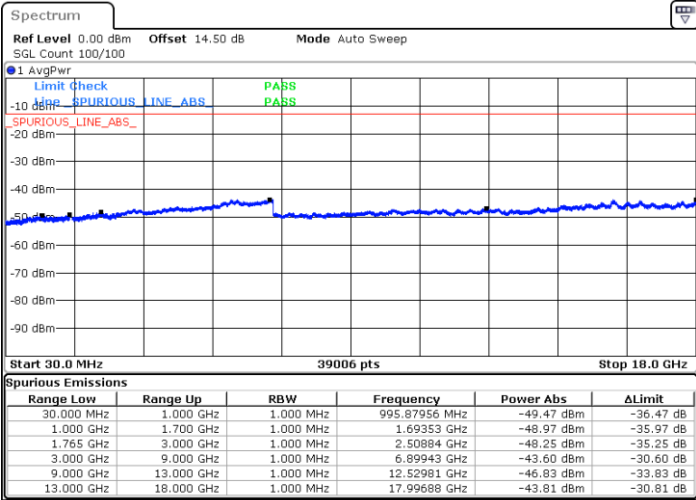
Date: 14.DEC.2021 19:08:01



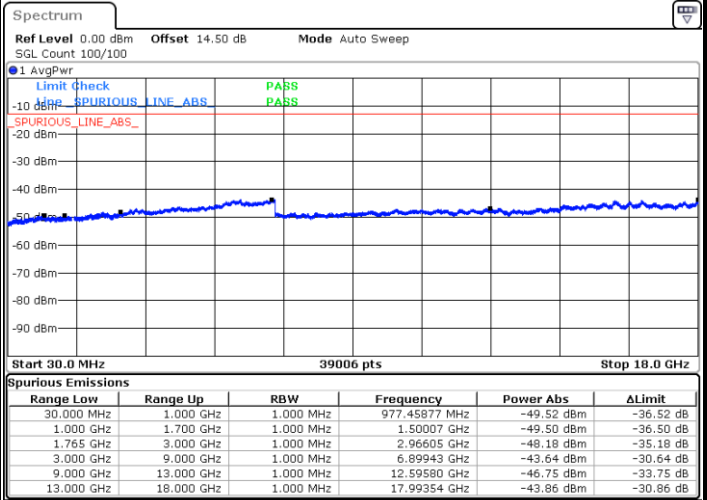
LTE Band 4 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

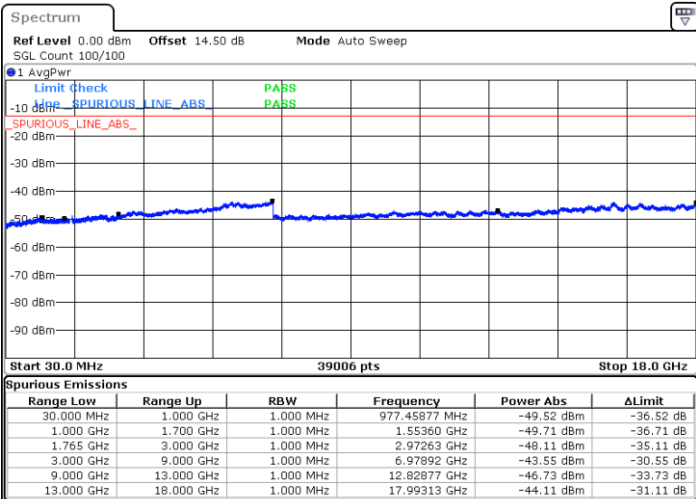


Date: 14.DEC.2021 19:12:35



Date: 14.DEC.2021 19:14:32

Highest Channel / 64QAM



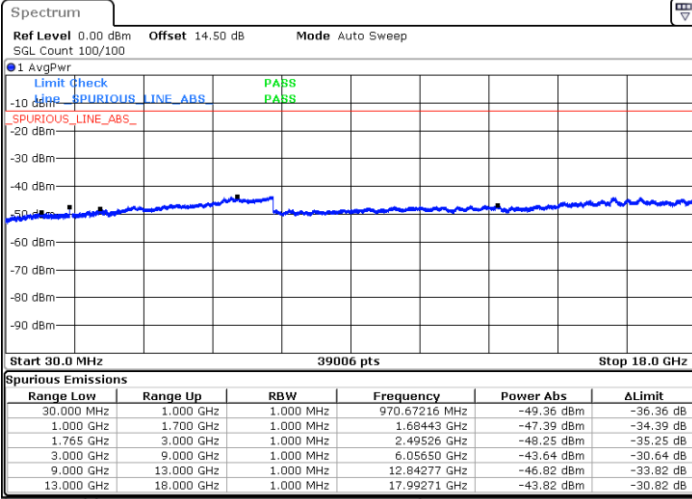
Date: 14.DEC.2021 19:19:04



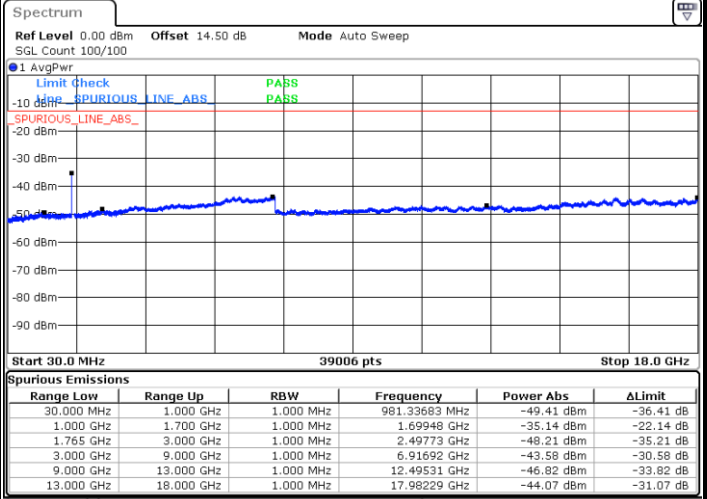
LTE Band 4 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

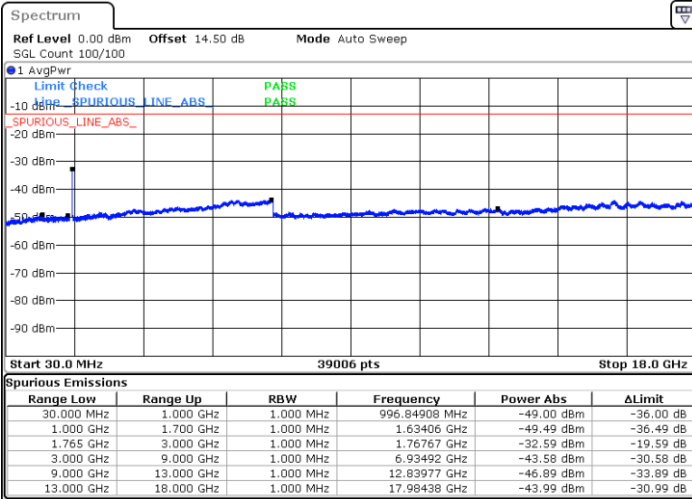


Date: 14.DEC.2021 19:23:38



Date: 14.DEC.2021 19:25:36

Highest Channel / 64QAM



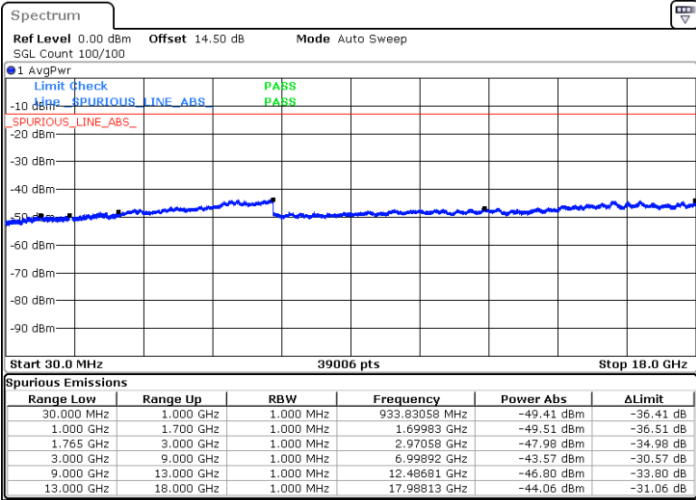
Date: 14.DEC.2021 19:30:09



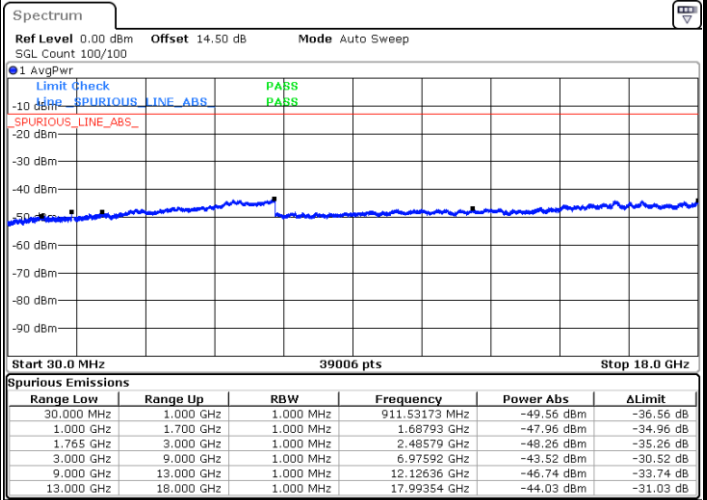
LTE Band 4 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

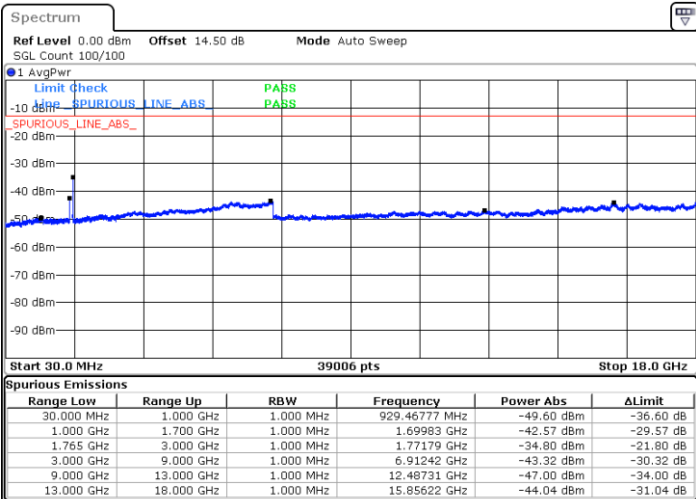


Date: 14.DEC.2021 19:34:44



Date: 14.DEC.2021 19:36:41

Highest Channel / 64QAM



Date: 14.DEC.2021 19:41:13



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

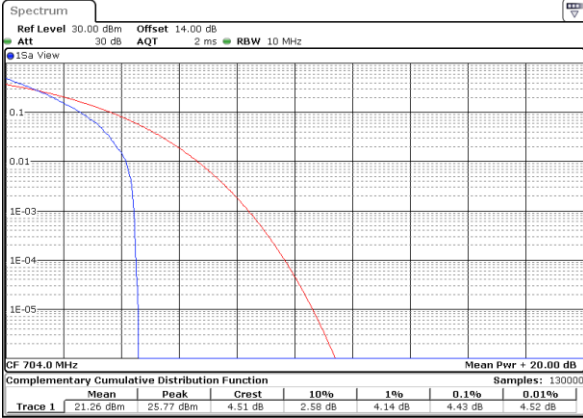
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.43	4.87	5.19	5.74	PASS
Middle CH	4.32	4.99	5.16	5.80	
Highest CH	4.14	4.96	4.90	5.80	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.97	6.06	-	-	PASS
Middle CH	5.65	6.03	-	-	
Highest CH	5.48	6.14	-	-	



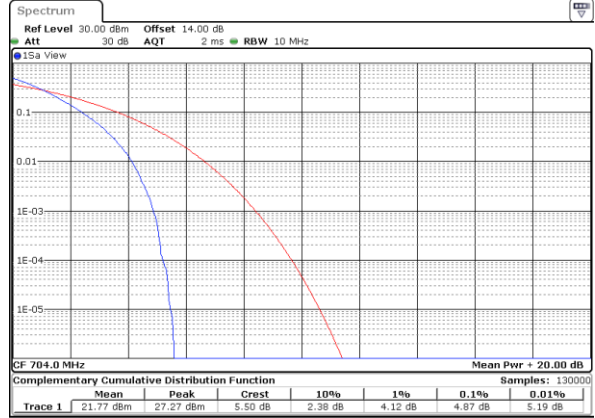
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



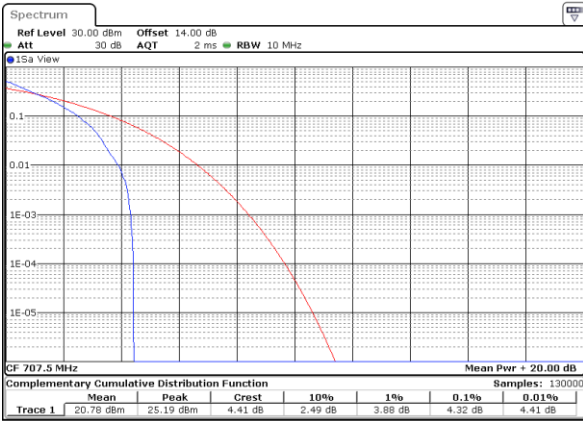
Date: 16 DEC 2021 05:58:34

Lowest Channel / Full RB



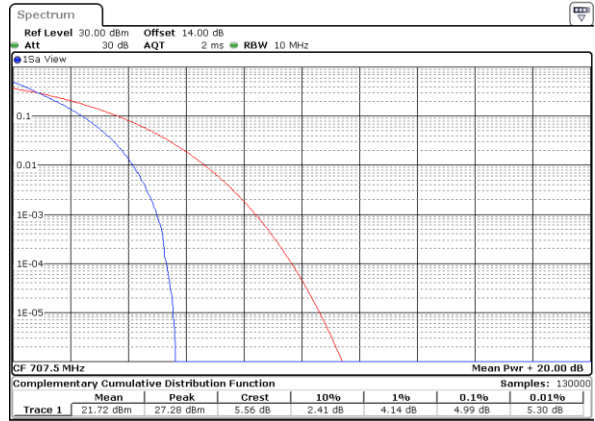
Date: 16 DEC 2021 05:58:08

Middle Channel / 1RB



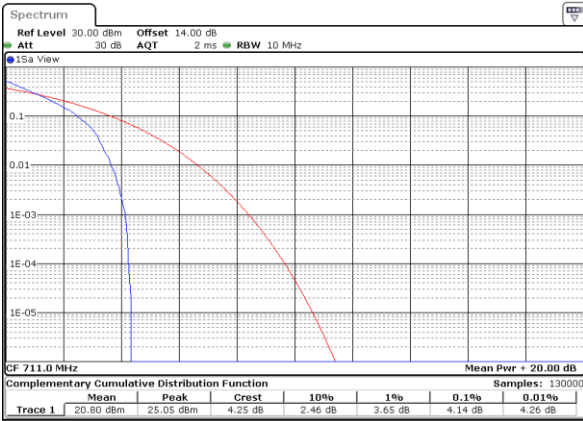
Date: 16 DEC 2021 05:58:59

Middle Channel / Full RB



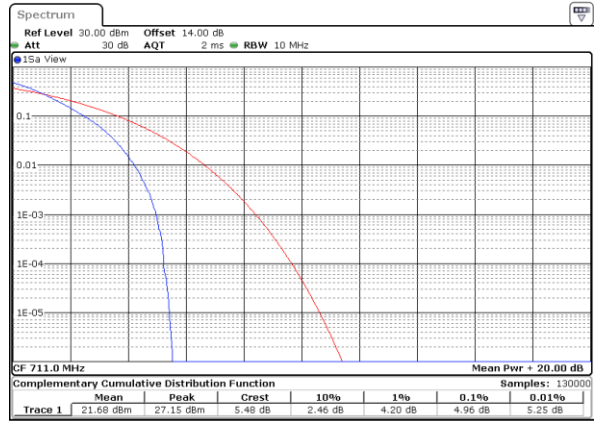
Date: 16 DEC 2021 05:59:24

Highest Channel / 1RB



Date: 16 DEC 2021 06:00:15

Highest Channel / Full RB

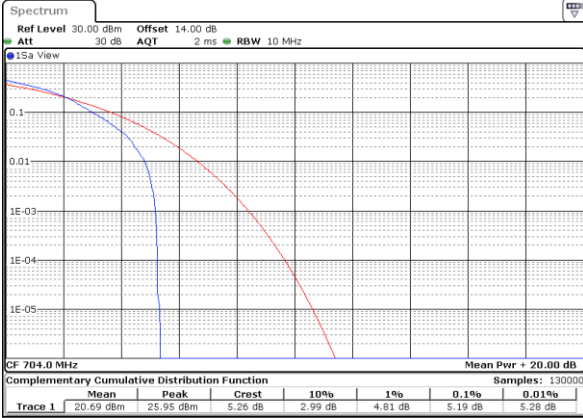


Date: 16 DEC 2021 05:59:49



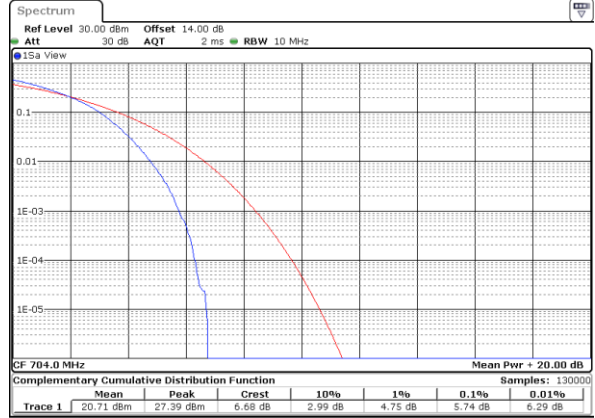
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



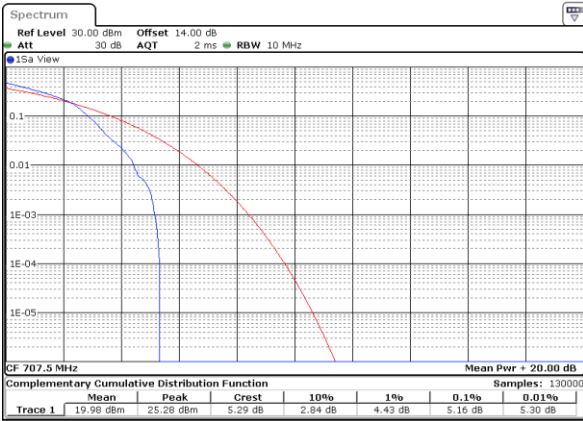
Date: 16 DEC 2021 05:56:00

Lowest Channel / Full RB



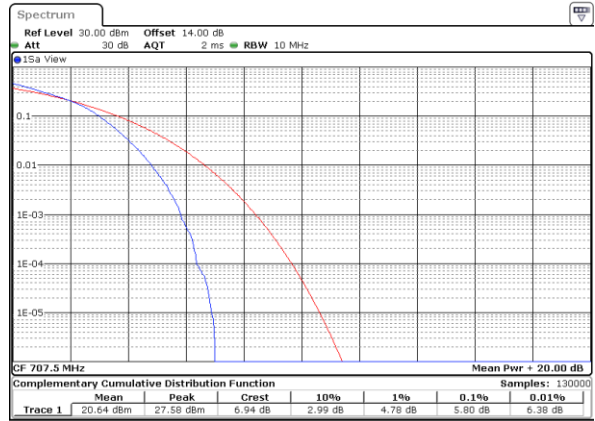
Date: 16 DEC 2021 05:55:34

Middle Channel / 1RB



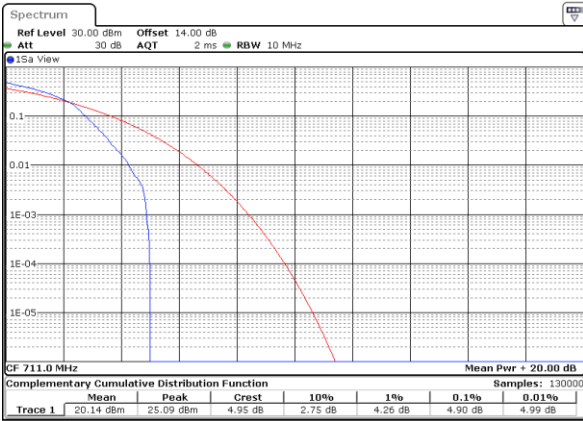
Date: 16 DEC 2021 05:56:26

Middle Channel / Full RB



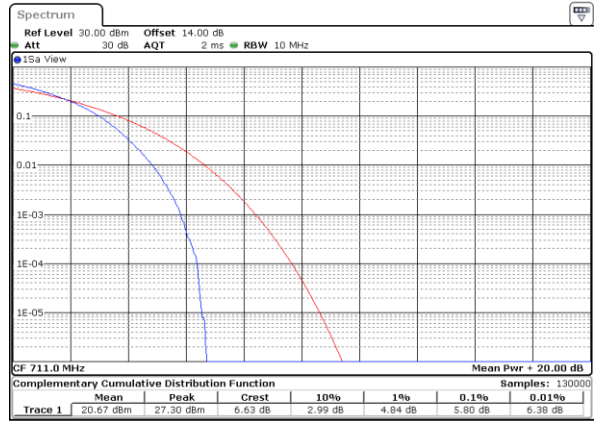
Date: 16 DEC 2021 05:56:51

Highest Channel / 1RB



Date: 16 DEC 2021 05:57:42

Highest Channel / Full RB



Date: 16 DEC 2021 05:57:16