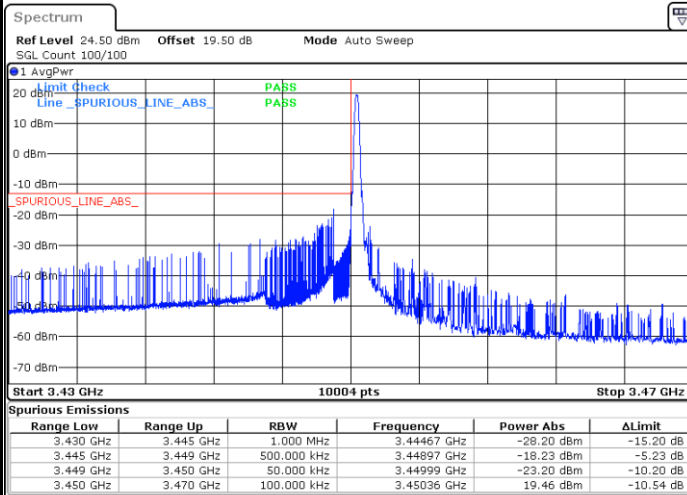




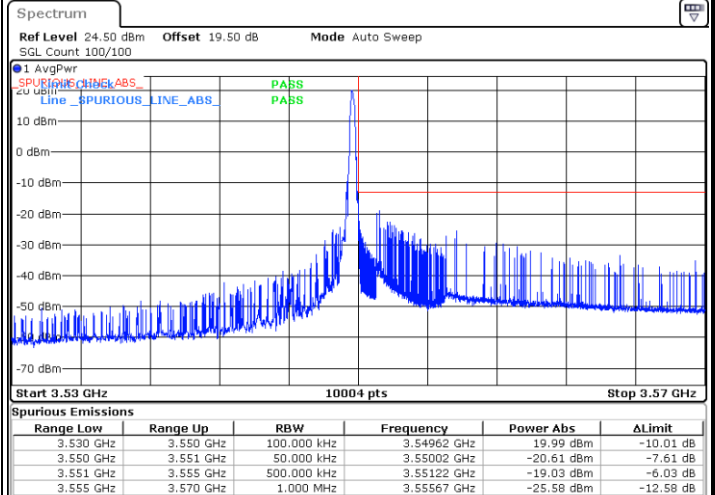
LTE Band 42 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



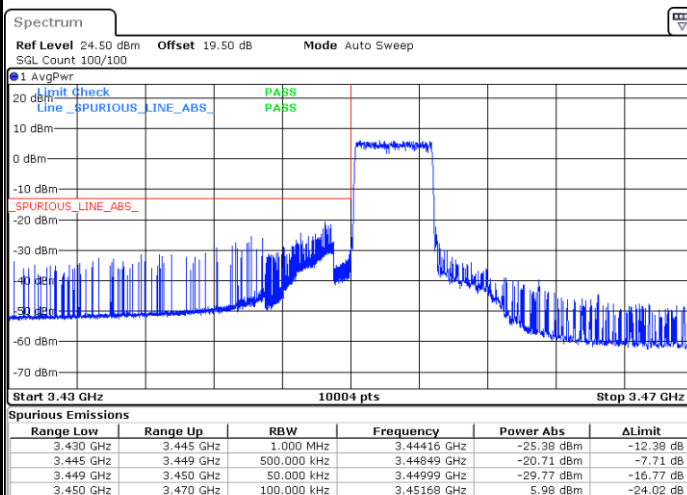
Date: 15 JUN 2021 09:09:39

Highest Band Edge / 1 RB



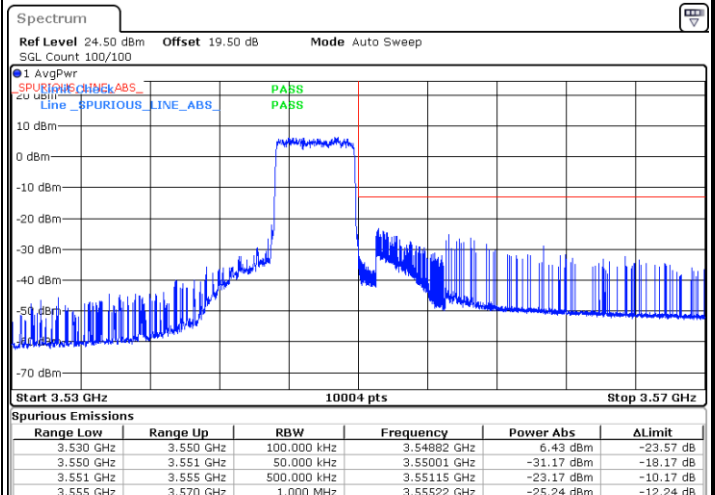
Date: 15 JUN 2021 09:37:29

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:16:27

Highest Band Edge / Full RB

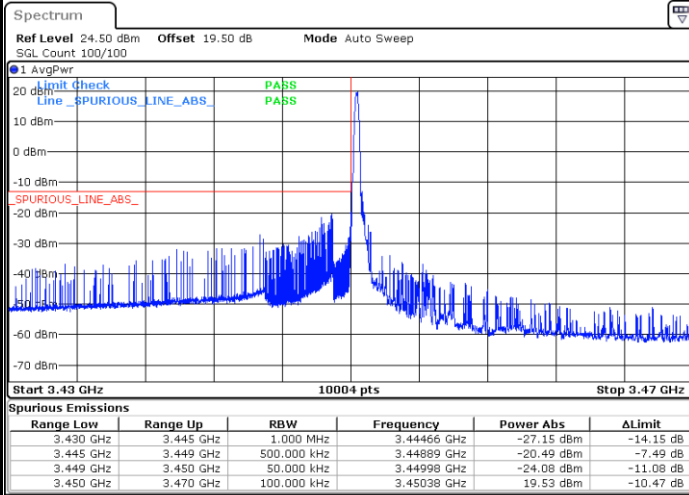


Date: 15 JUN 2021 09:44:10



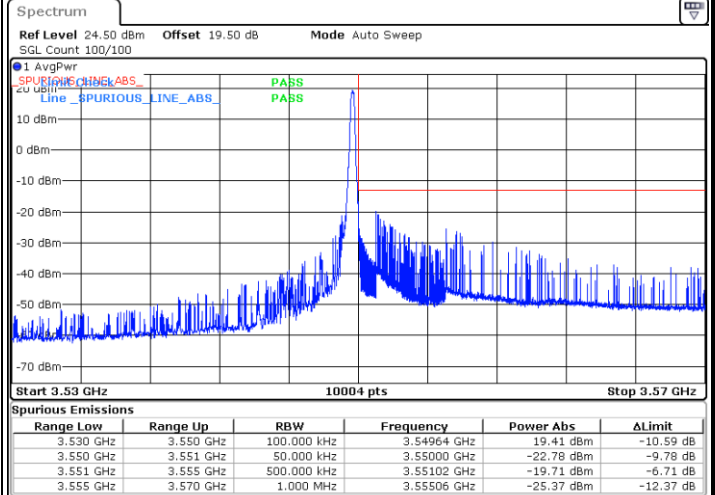
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



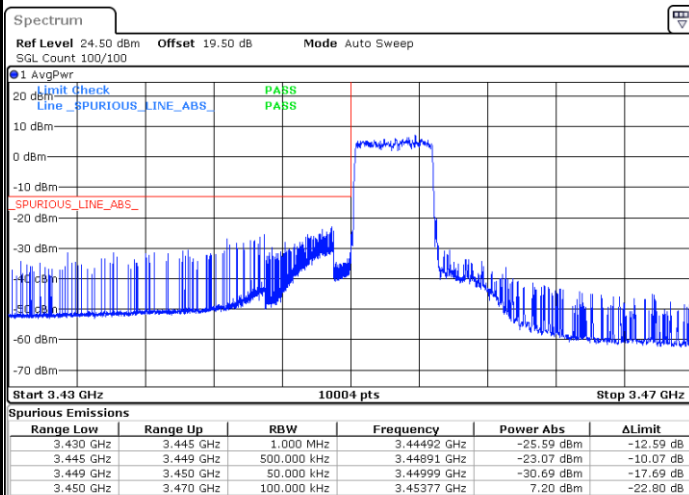
Date: 15 JUN 2021 09:10:25

Highest Band Edge / 1 RB



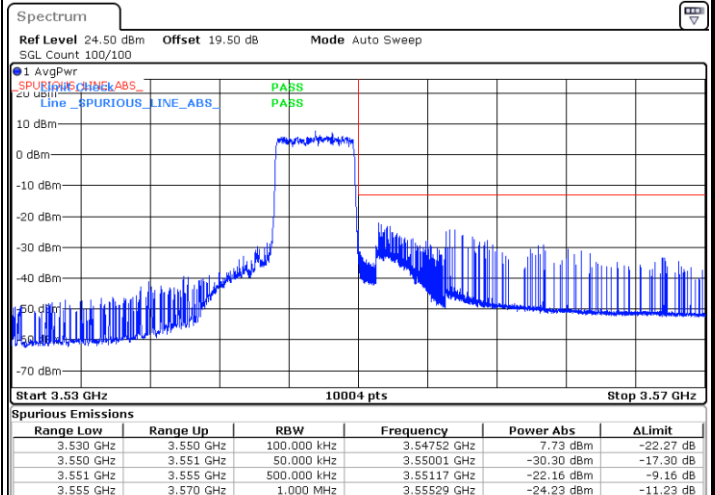
Date: 15 JUN 2021 09:39:15

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:18:59

Highest Band Edge / Full RB

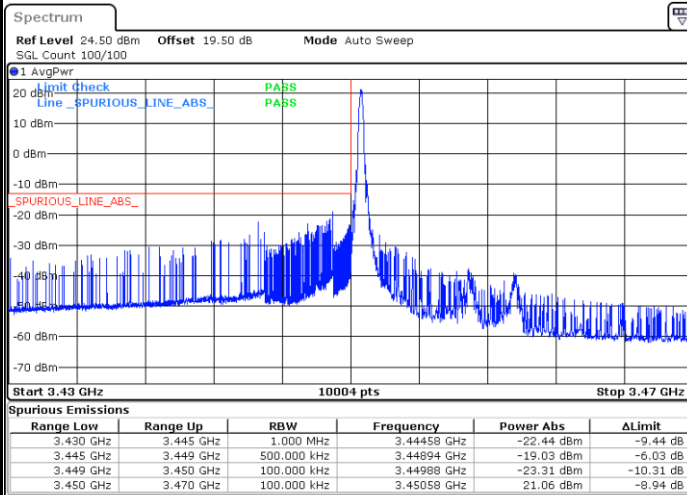


Date: 15 JUN 2021 09:44:37



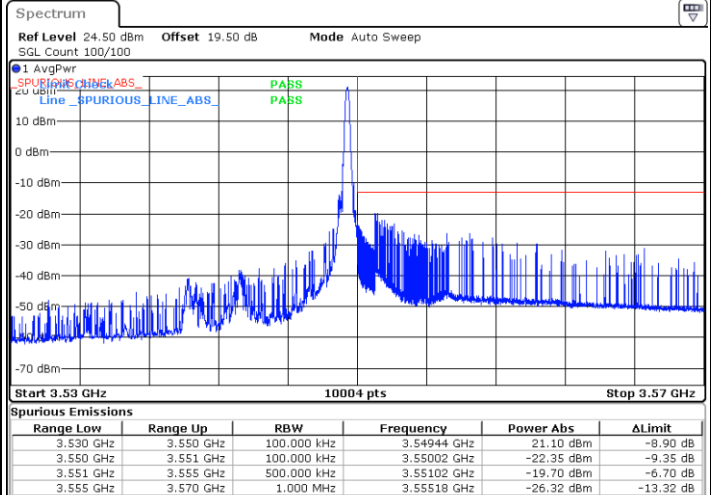
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



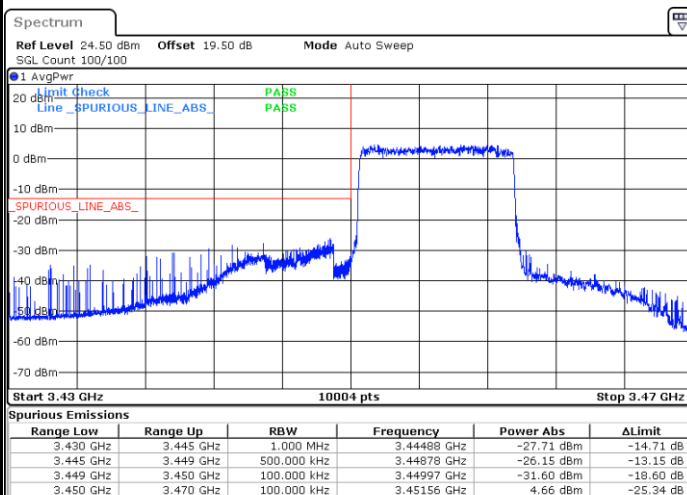
Date: 15 JUN 2021 09:48:42

Highest Band Edge / 1 RB



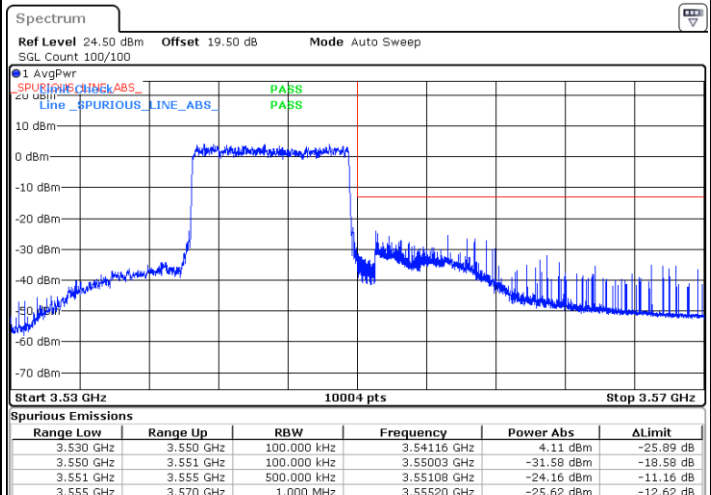
Date: 15 JUN 2021 10:12:59

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:47:08

Highest Band Edge / Full RB

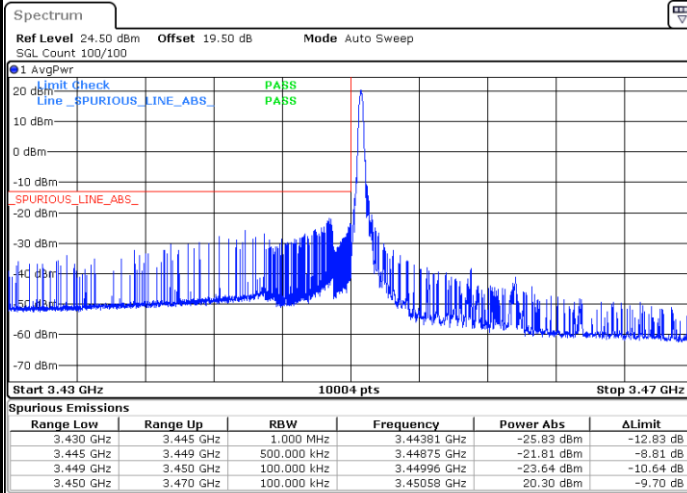


Date: 15 JUN 2021 10:14:57



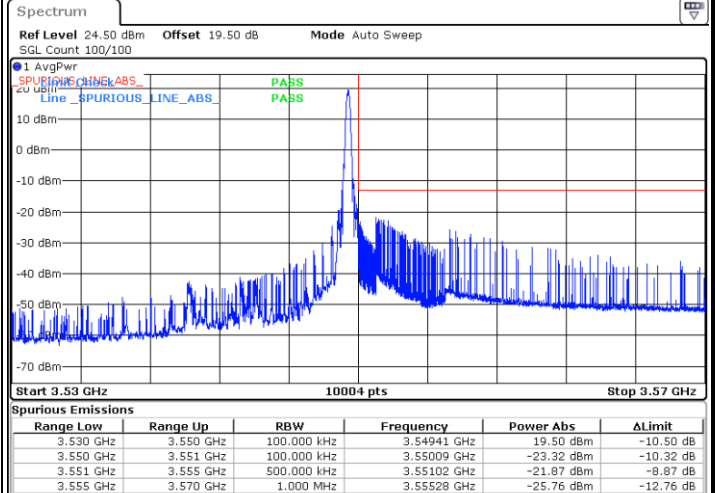
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



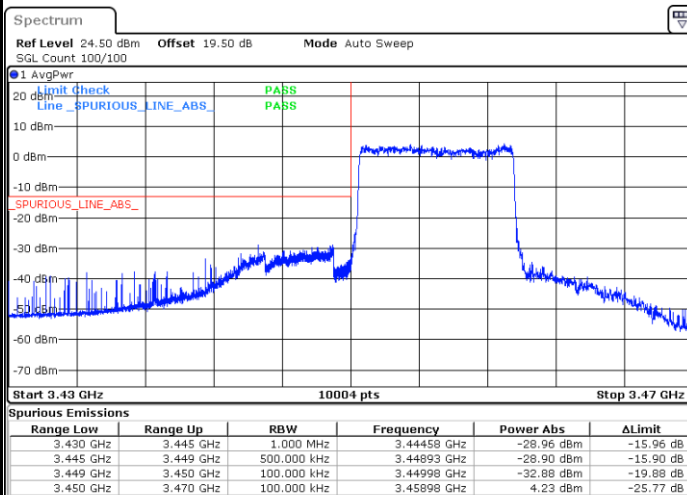
Date: 15 JUN 2021 09:50:21

Highest Band Edge / 1 RB



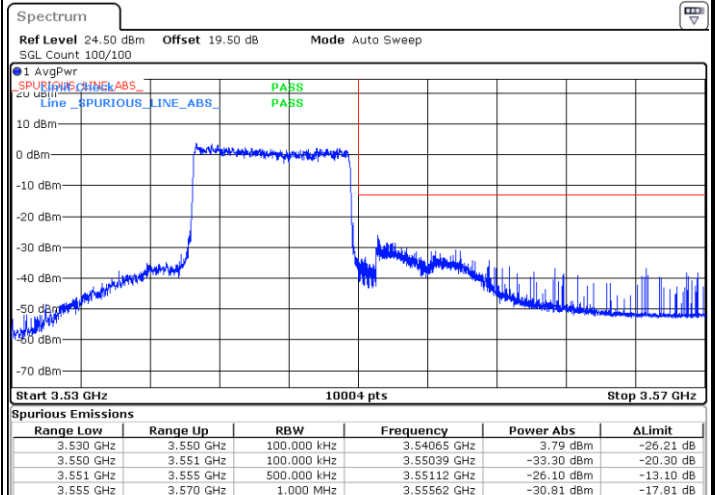
Date: 15 JUN 2021 10:13:41

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:47:36

Highest Band Edge / Full RB

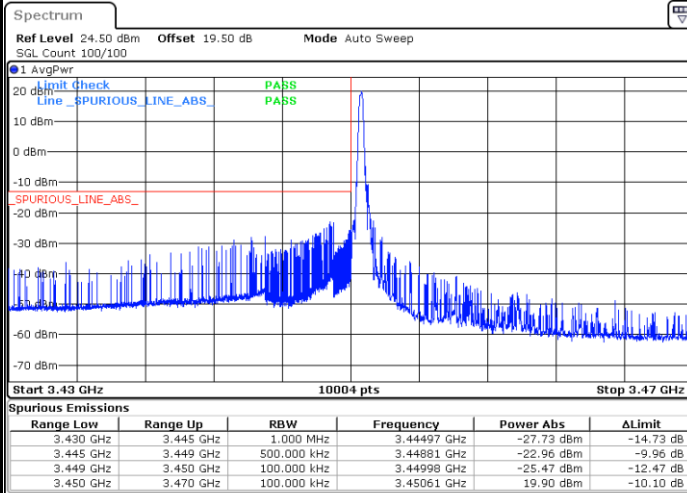


Date: 15 JUN 2021 10:15:21



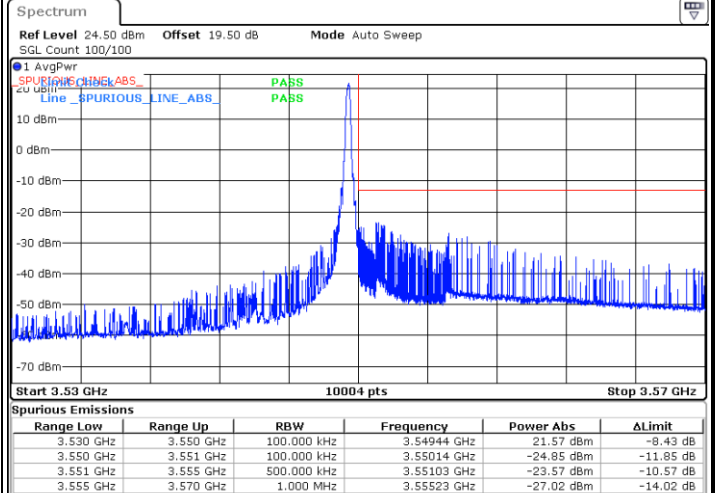
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



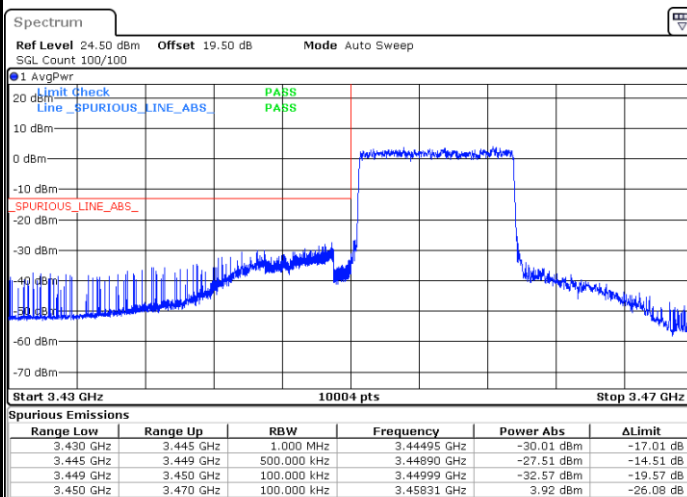
Date: 15 JUN 2021 09:51:44

Highest Band Edge / 1 RB



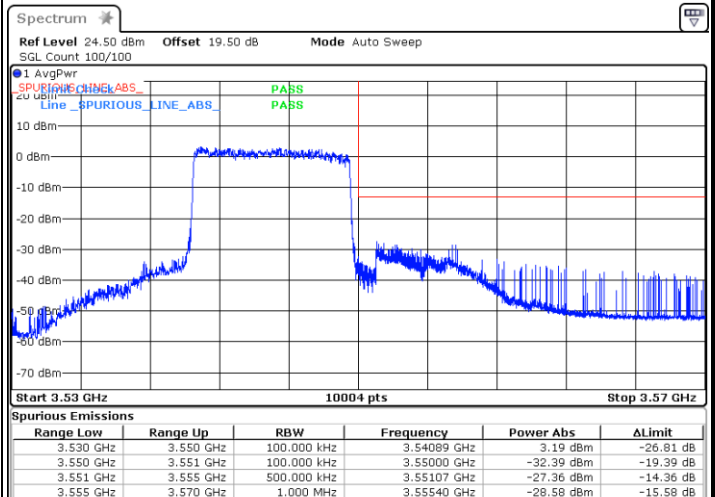
Date: 15 JUN 2021 10:14:04

Lowest Band Edge / Full RB



Date: 15 JUN 2021 09:48:02

Highest Band Edge / Full RB



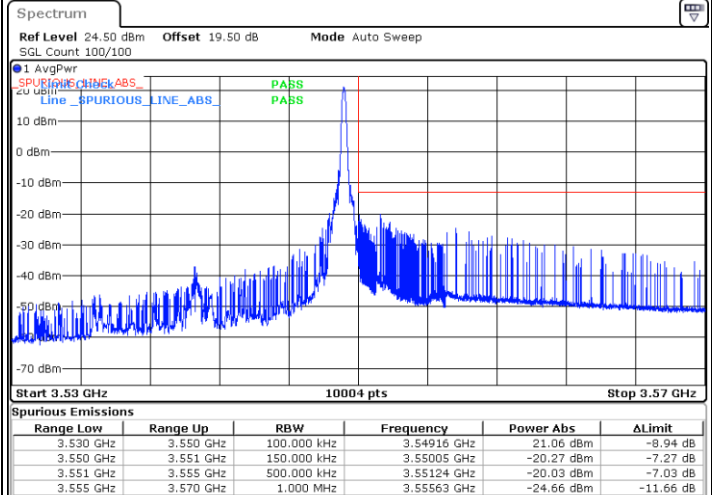
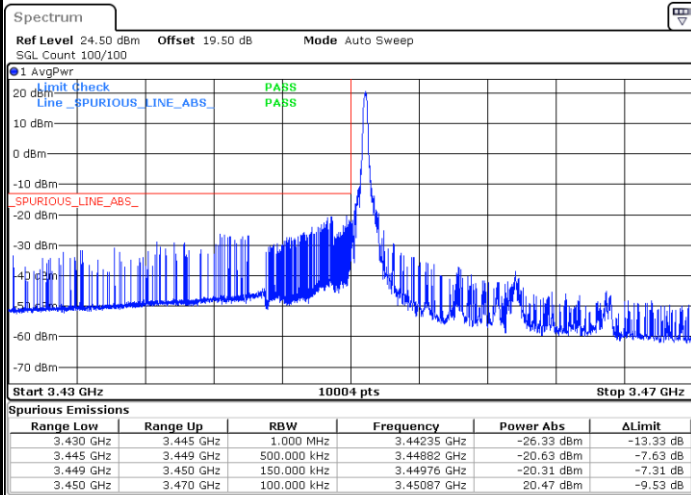
Date: 15 JUN 2021 10:16:09



LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

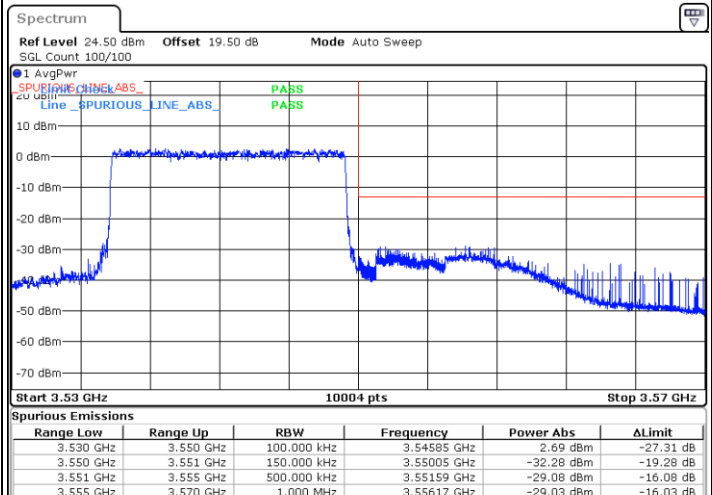
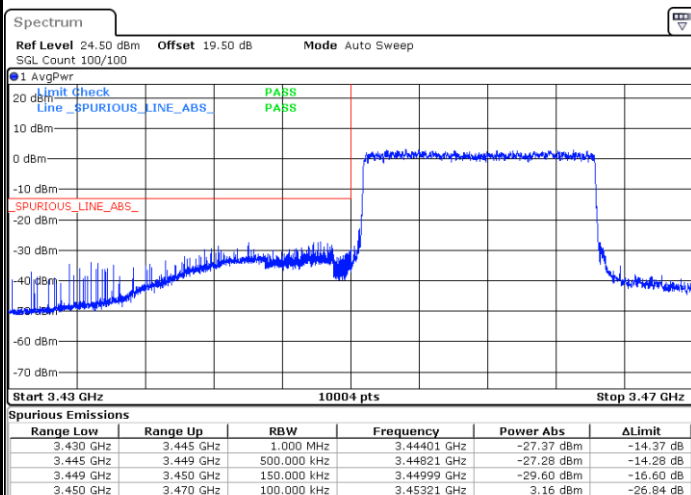


Date: 15 JUN.2021 10:16:48

Date: 15 JUN.2021 10:37:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



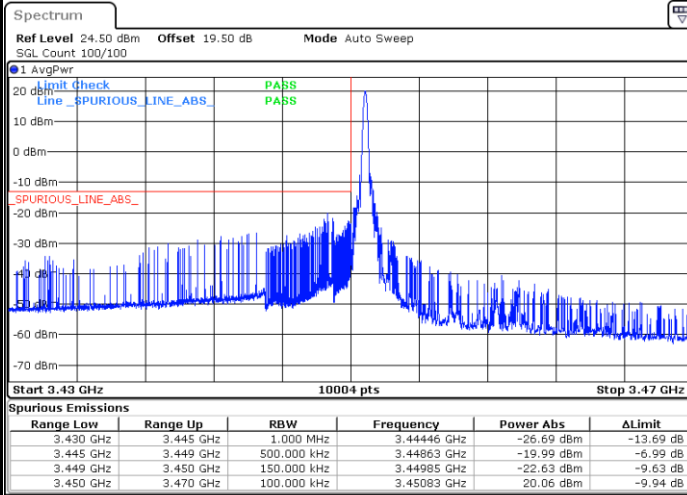
Date: 15 JUN.2021 10:22:51

Date: 15 JUN.2021 10:39:50



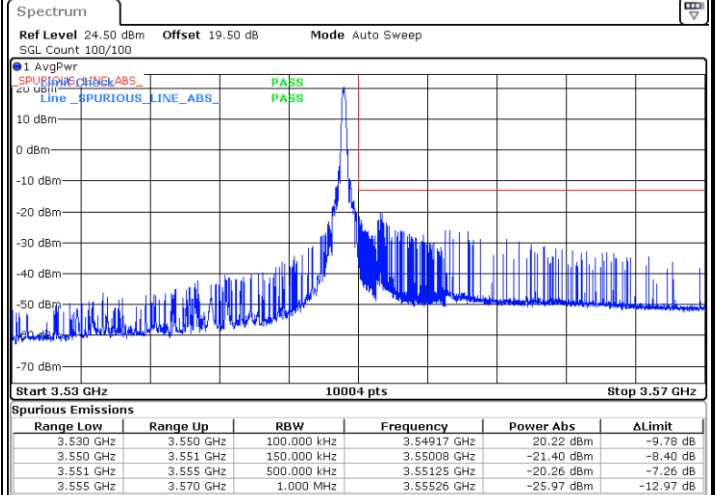
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



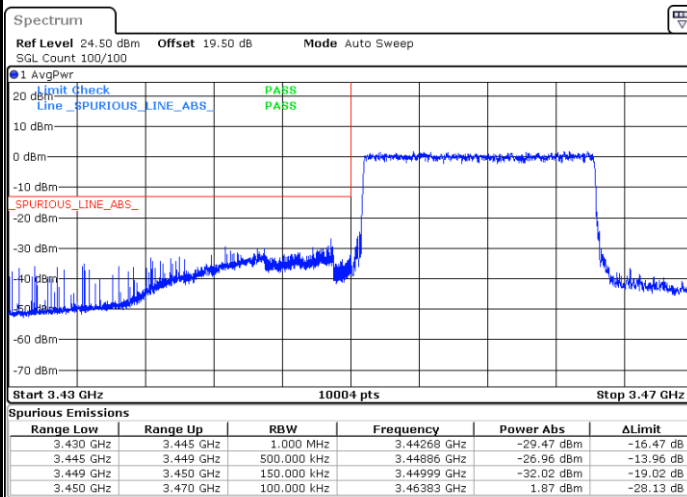
Date: 15 JUN 2021 10:18:52

Highest Band Edge / 1 RB



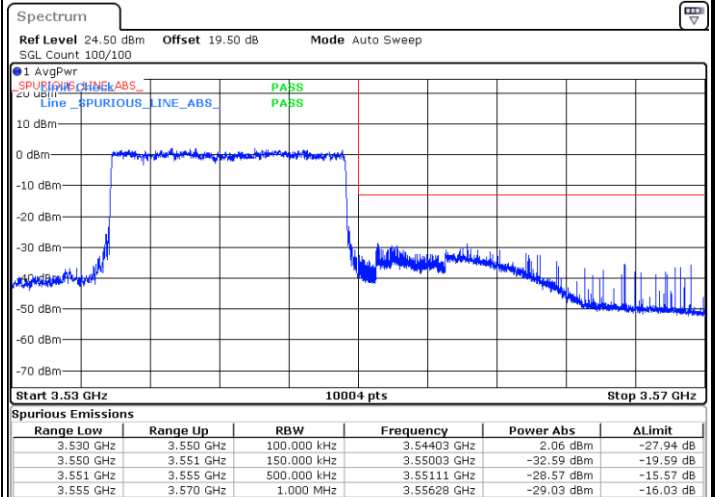
Date: 15 JUN 2021 10:38:36

Lowest Band Edge / Full RB



Date: 15 JUN 2021 10:24:45

Highest Band Edge / Full RB

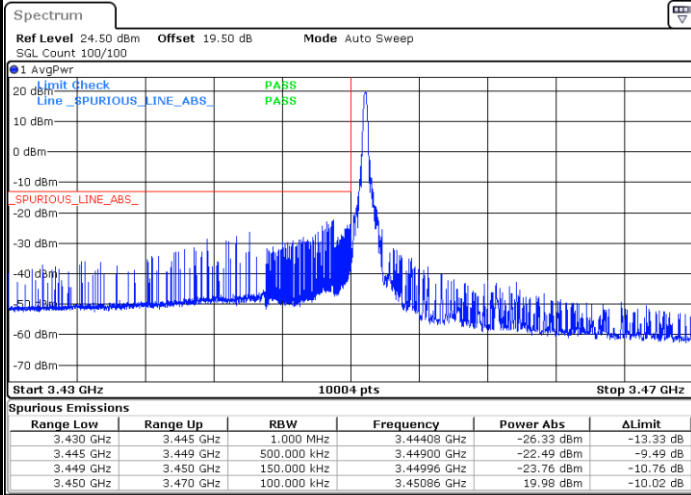


Date: 15 JUN 2021 10:40:21



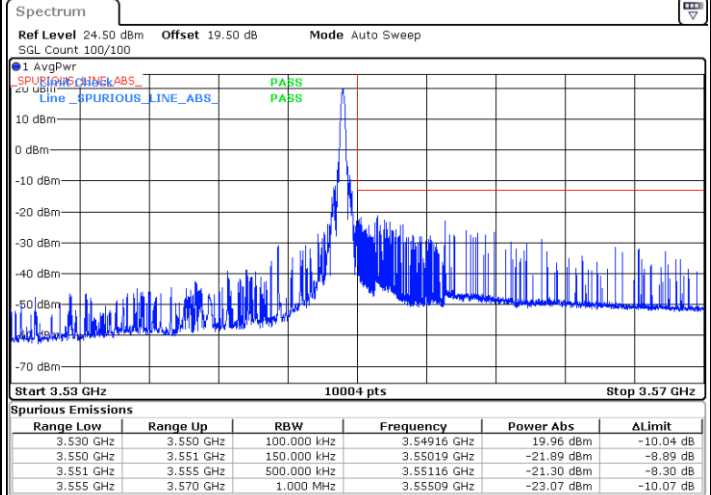
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



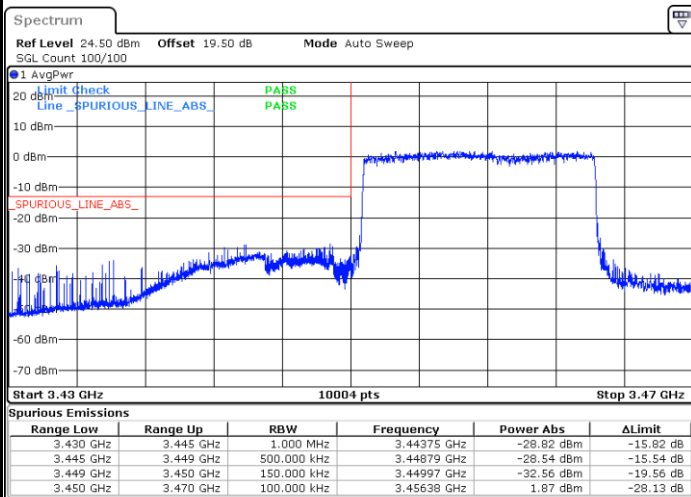
Date: 15 JUN 2021 10:20:43

Highest Band Edge / 1 RB



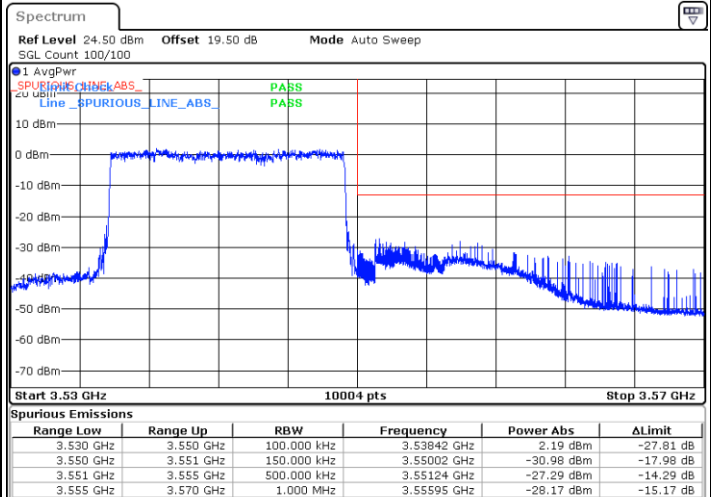
Date: 15 JUN 2021 10:39:23

Lowest Band Edge / Full RB



Date: 15 JUN 2021 10:26:39

Highest Band Edge / Full RB

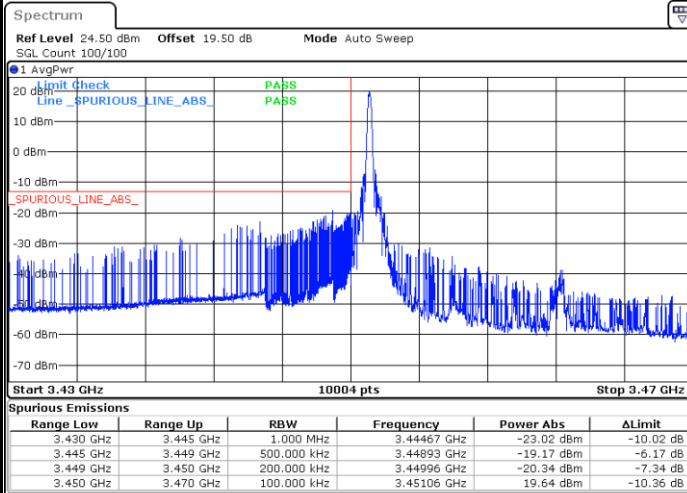


Date: 15 JUN 2021 10:40:56



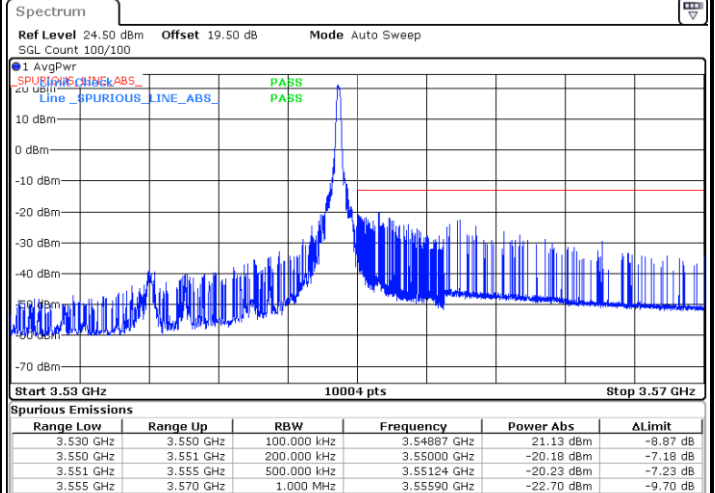
LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / 1 RB



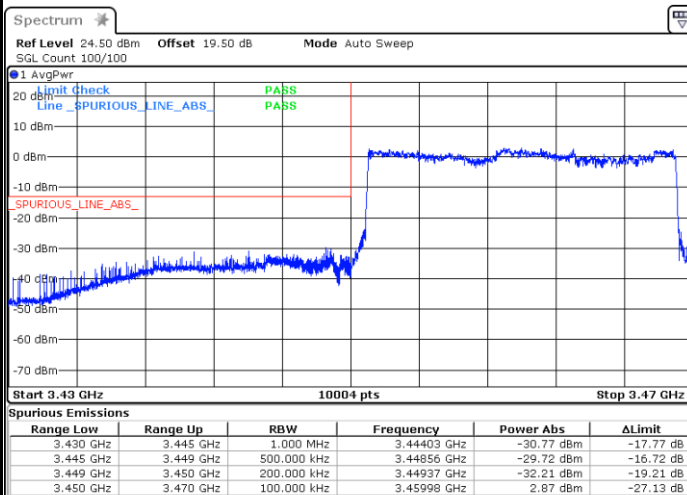
Date: 15 JUN 2021 10:43:11

Highest Band Edge / 1 RB



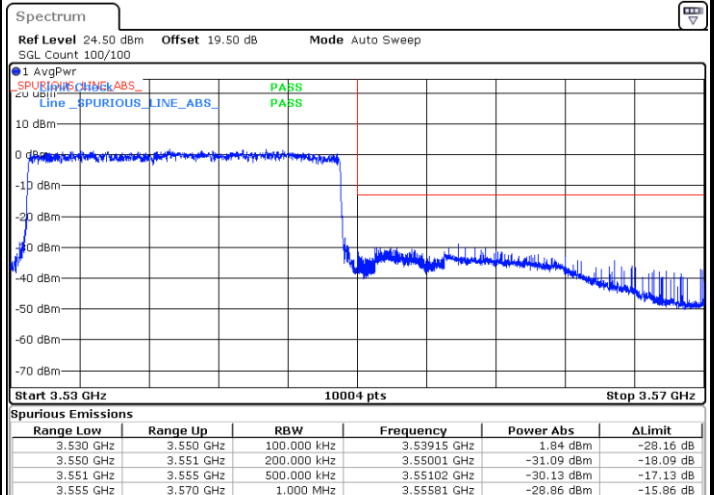
Date: 15 JUN 2021 11:03:54

Lowest Band Edge / Full RB



Date: 15 JUN 2021 11:10:14

Highest Band Edge / Full RB

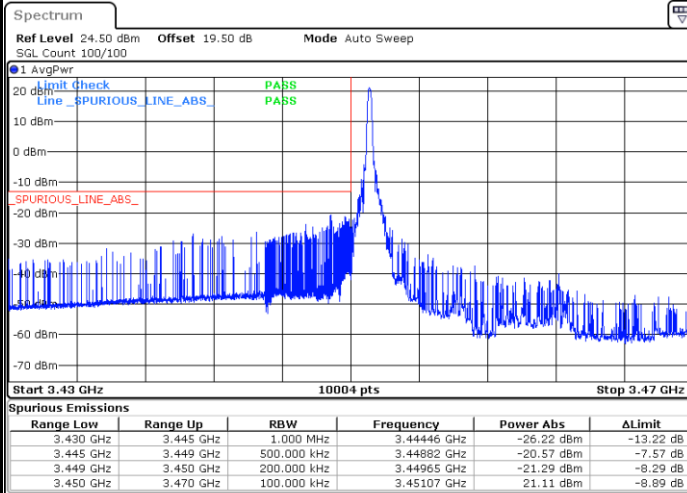


Date: 15 JUN 2021 11:07:58



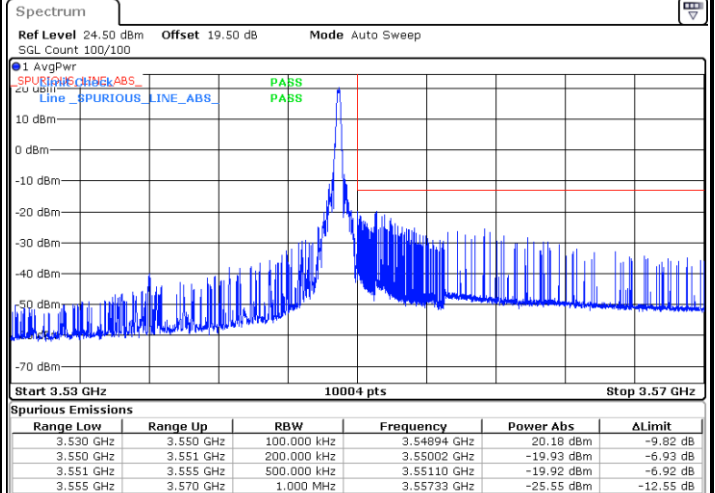
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



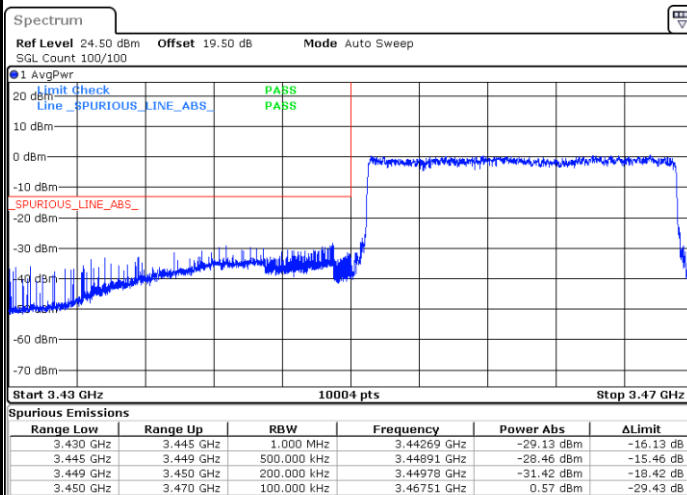
Date: 15 JUN 2021 10:45:12

Highest Band Edge / 1RB



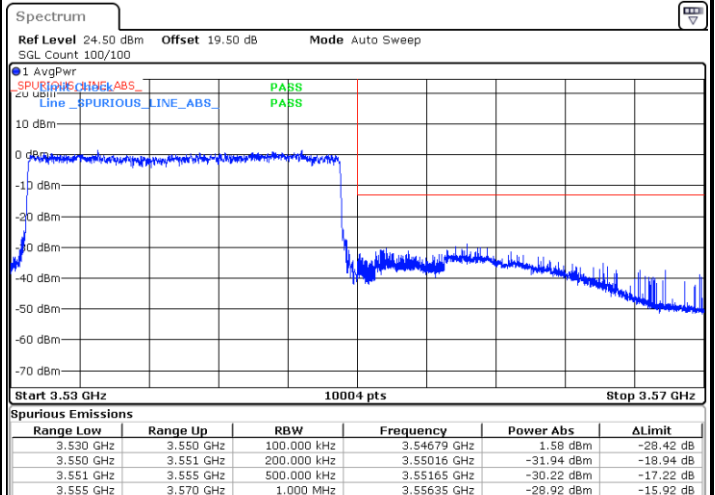
Date: 15 JUN 2021 11:04:36

Lowest Band Edge / Full RB



Date: 15 JUN 2021 11:10:33

Highest Band Edge / Full RB

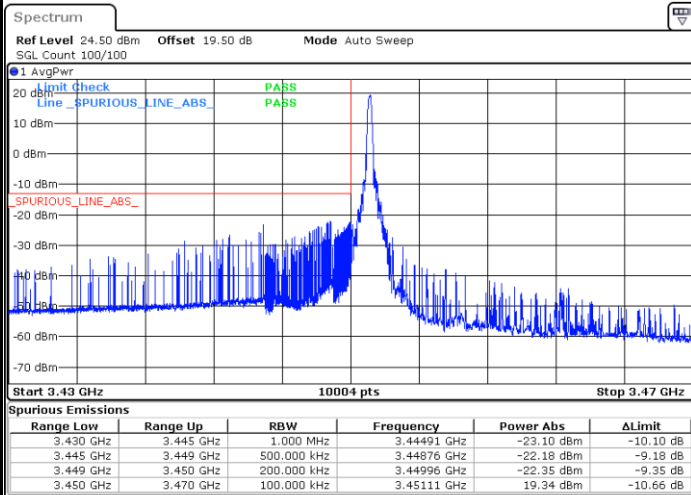


Date: 15 JUN 2021 11:06:50



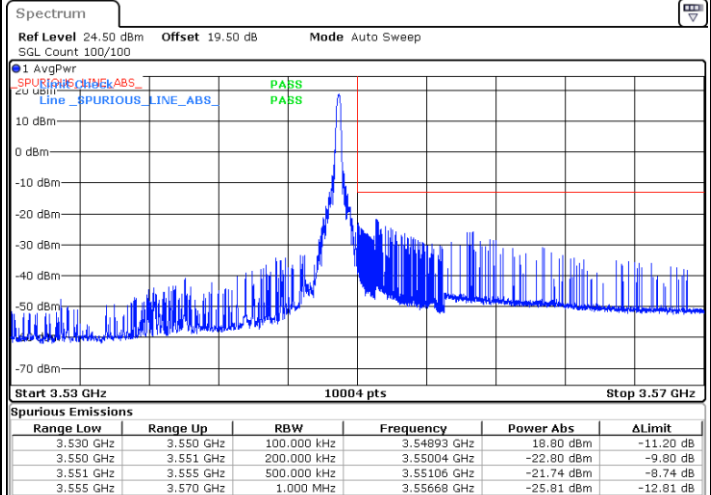
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



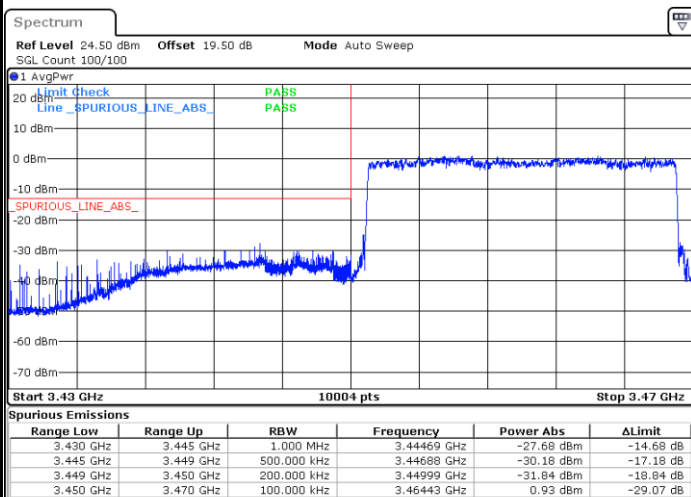
Date: 15 JUN. 2021 10:47:15

Highest Band Edge / 1 RB



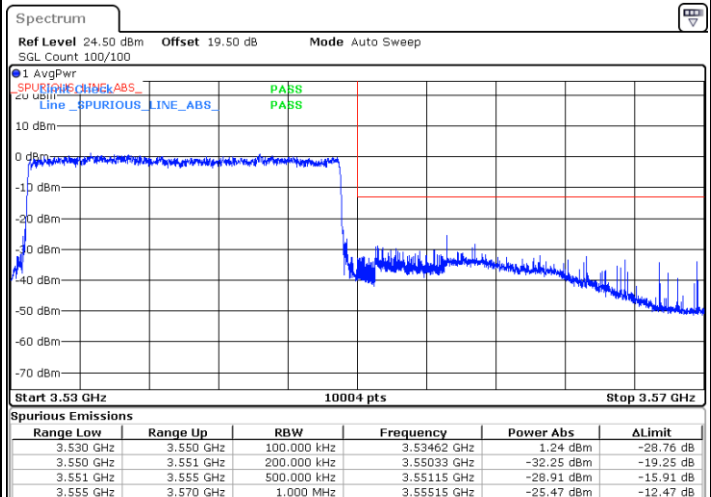
Date: 15 JUN. 2021 11:05:05

Lowest Band Edge / Full RB



Date: 15 JUN. 2021 11:10:56

Highest Band Edge / Full RB



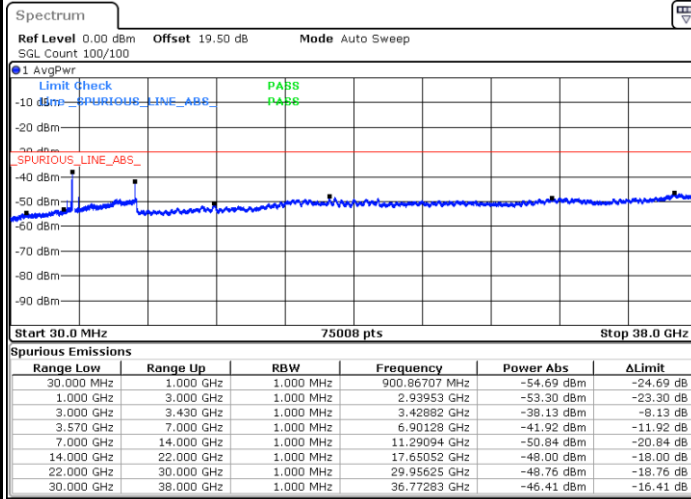
Date: 15 JUN. 2021 11:06:08



Conducted Spurious Emission

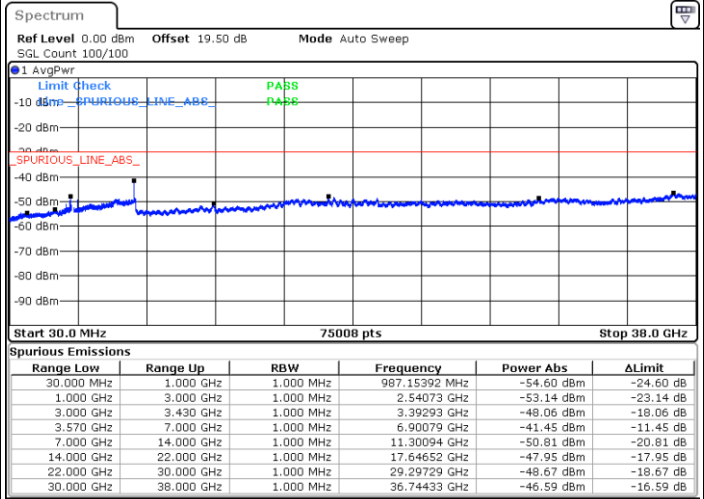
LTE Band 42 / 5MHz

Lowest Channel / QPSK



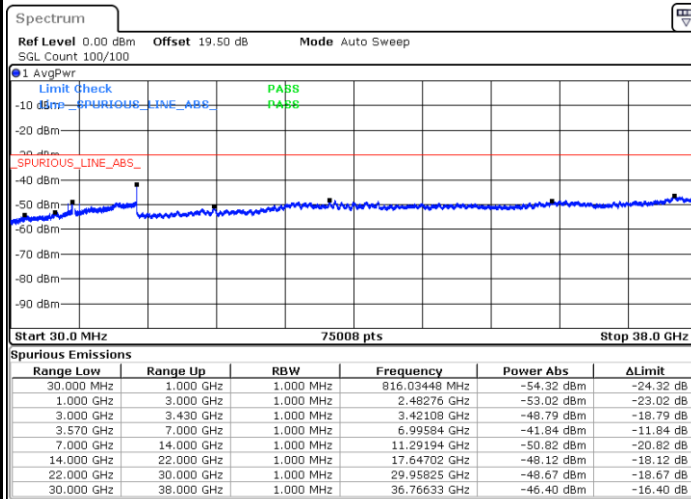
Date: 15 JUN 2021 09:13:50

Lowest Channel / 16QAM



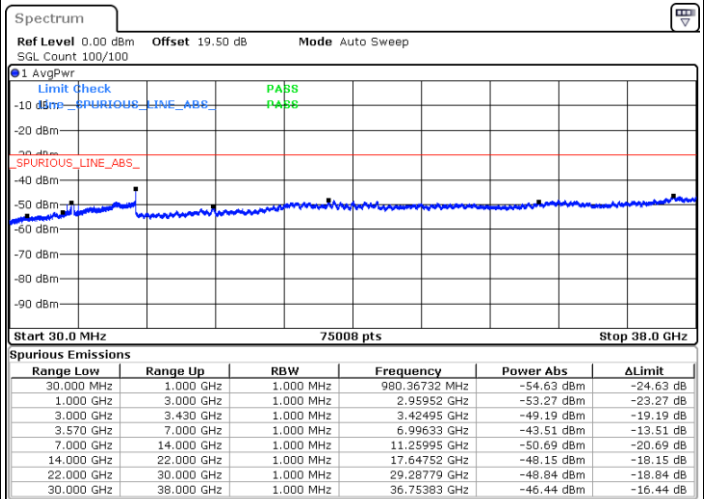
Date: 15 JUN 2021 09:12:37

Middle Channel / QPSK



Date: 15 JUN 2021 09:29:08

Middle Channel / 16QAM

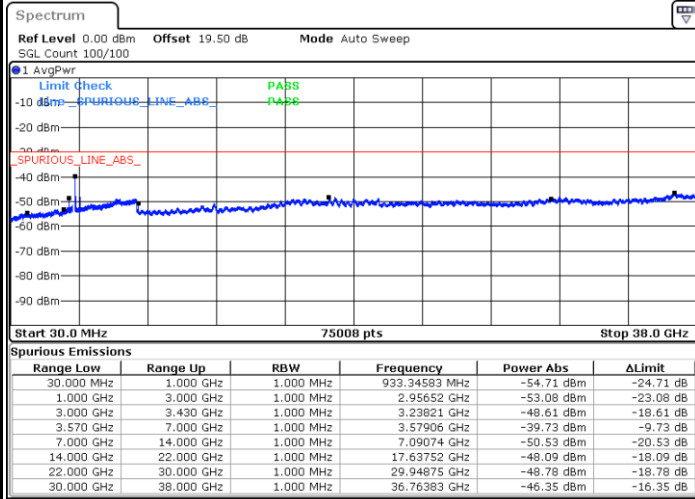


Date: 15 JUN 2021 09:30:47



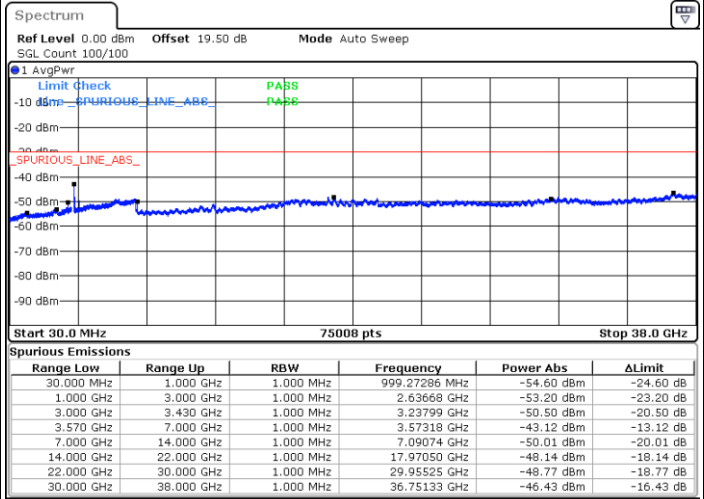
LTE Band 42 / 5MHz

Highest Channel / QPSK



Date: 15 JUN 2021 09:42:35

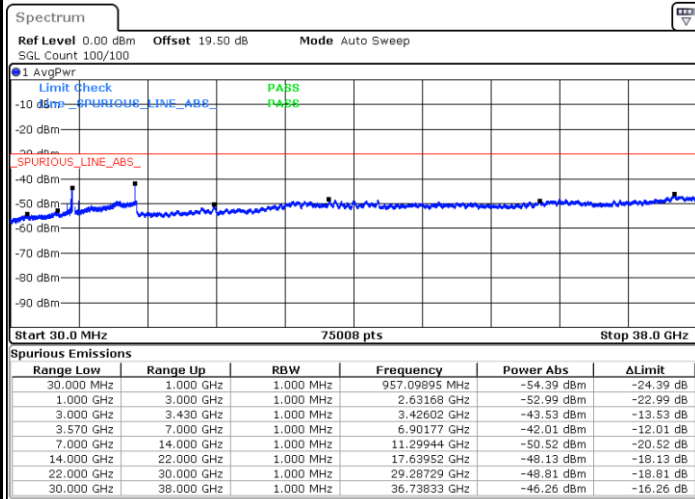
Highest Channel / 16QAM



Date: 15 JUN 2021 09:41:25

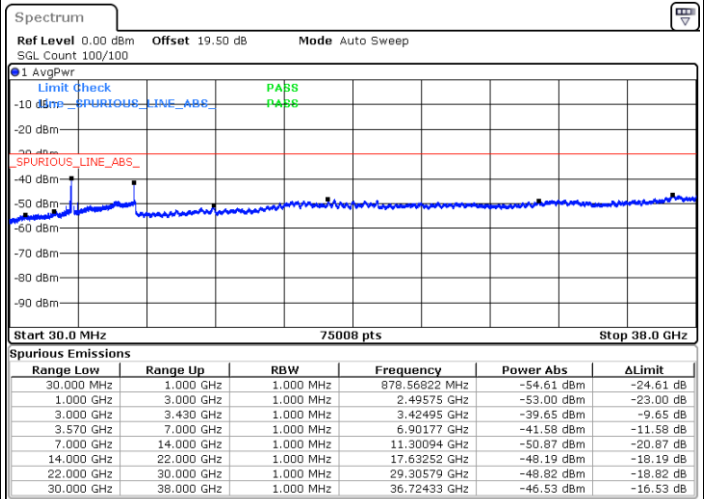
LTE Band 42 / 10MHz

Lowest Channel / QPSK



Date: 15 JUN 2021 09:50:01

Lowest Channel / 16QAM



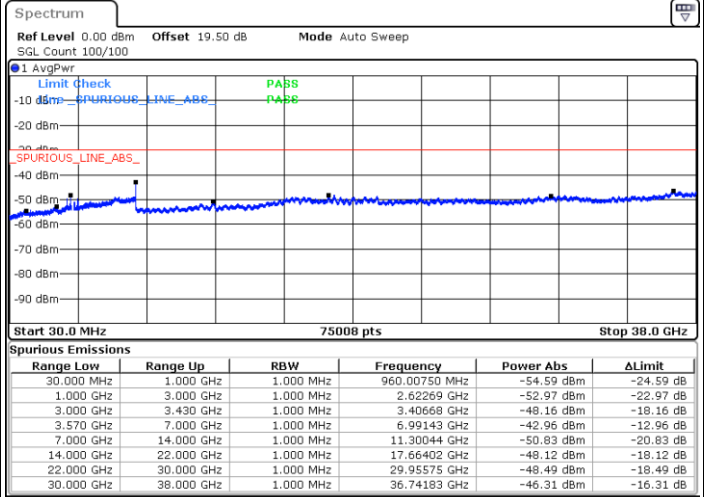
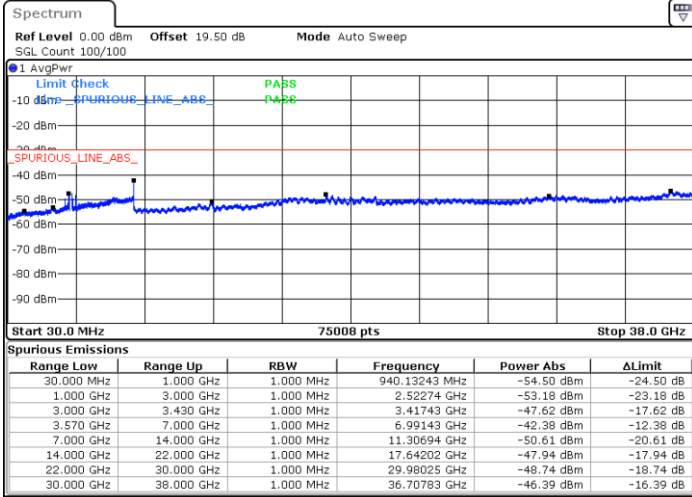
Date: 15 JUN 2021 09:51:23



LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

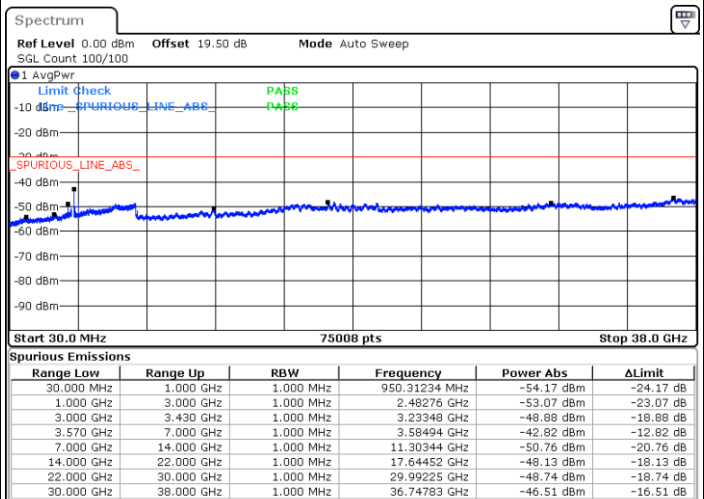
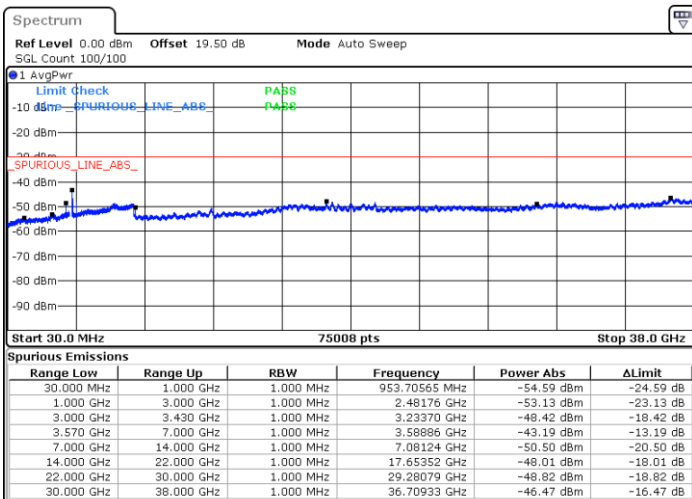


Date: 15 JUN.2021 10:00:42

Date: 15 JUN.2021 10:02:12

Highest Channel / QPSK

Highest Channel / 16QAM



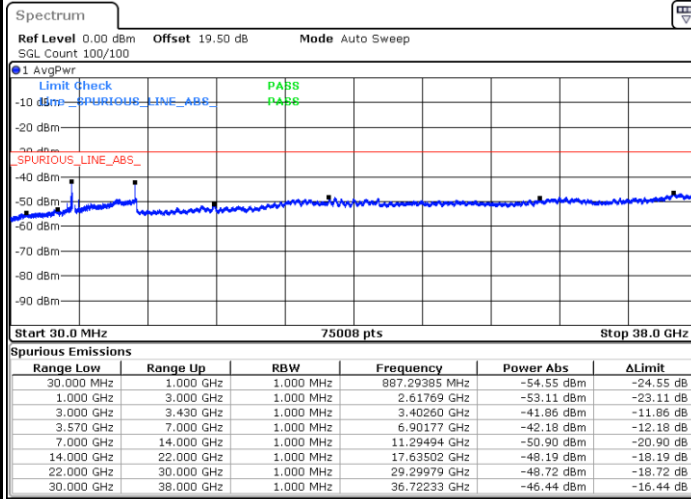
Date: 15 JUN.2021 10:04:54

Date: 15 JUN.2021 10:05:59



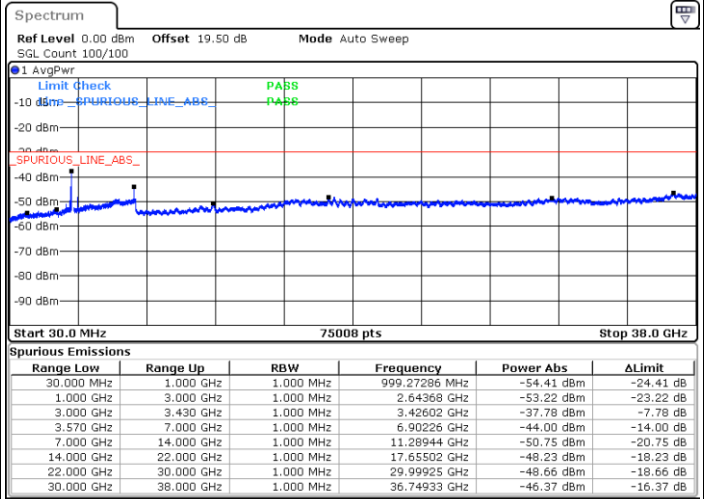
LTE Band 42 / 15MHz

Lowest Channel / QPSK



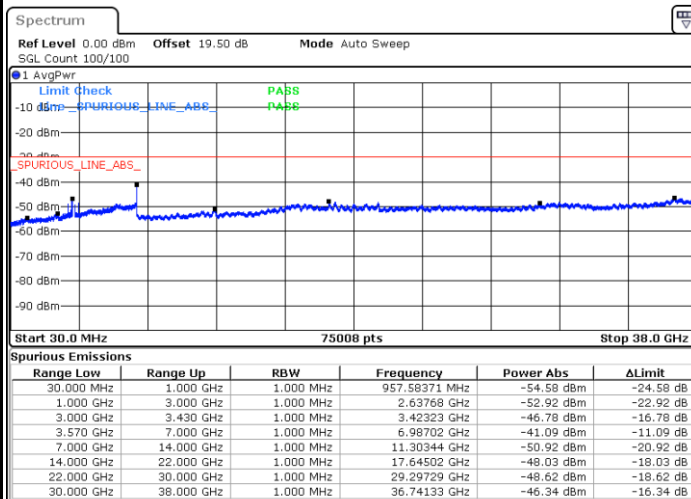
Date: 15 JUN 2021 10:18:03

Lowest Channel / 16QAM



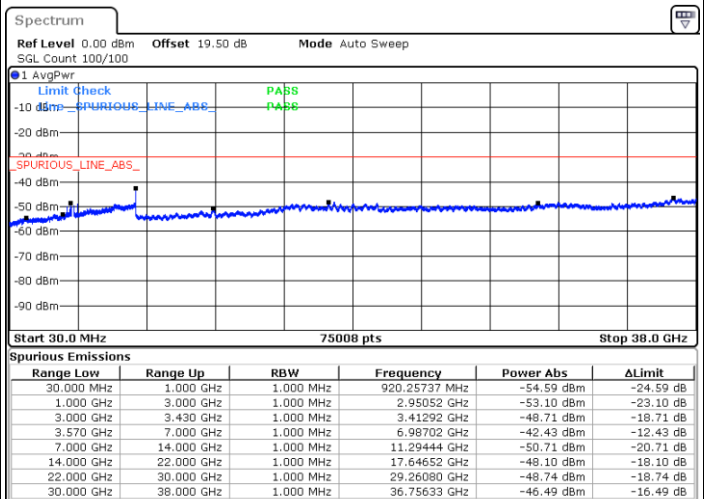
Date: 15 JUN 2021 10:19:57

Middle Channel / QPSK



Date: 15 JUN 2021 10:29:05

Middle Channel / 16QAM

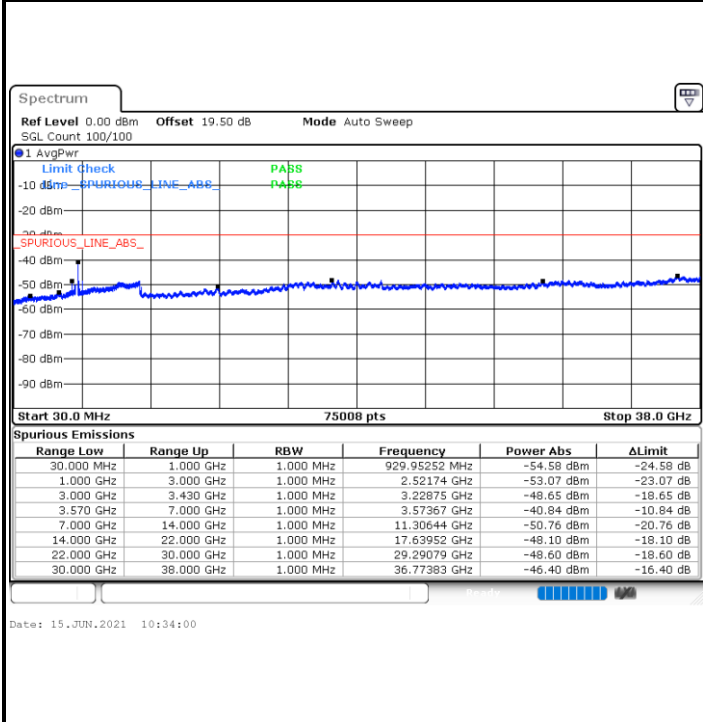


Date: 15 JUN 2021 10:31:01

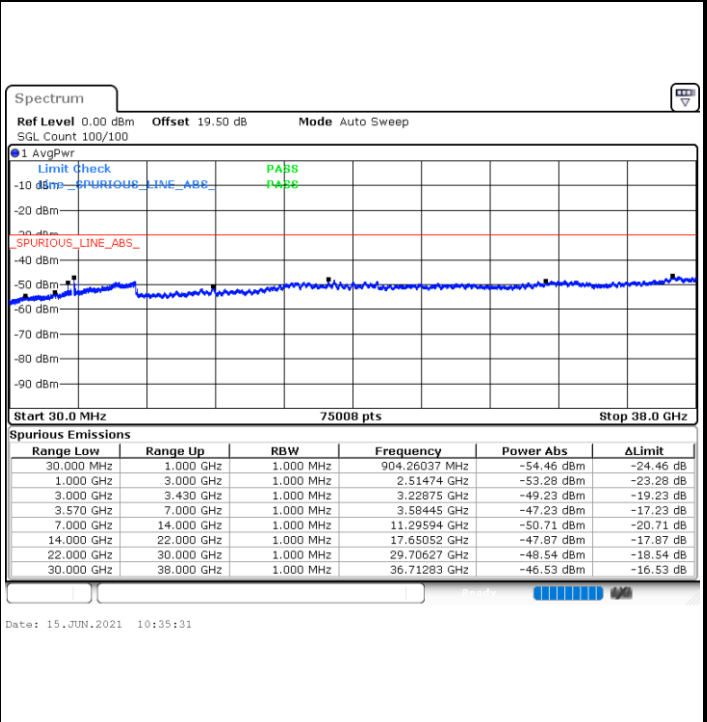


LTE Band 7 / 15MHz

Highest Channel / QPSK

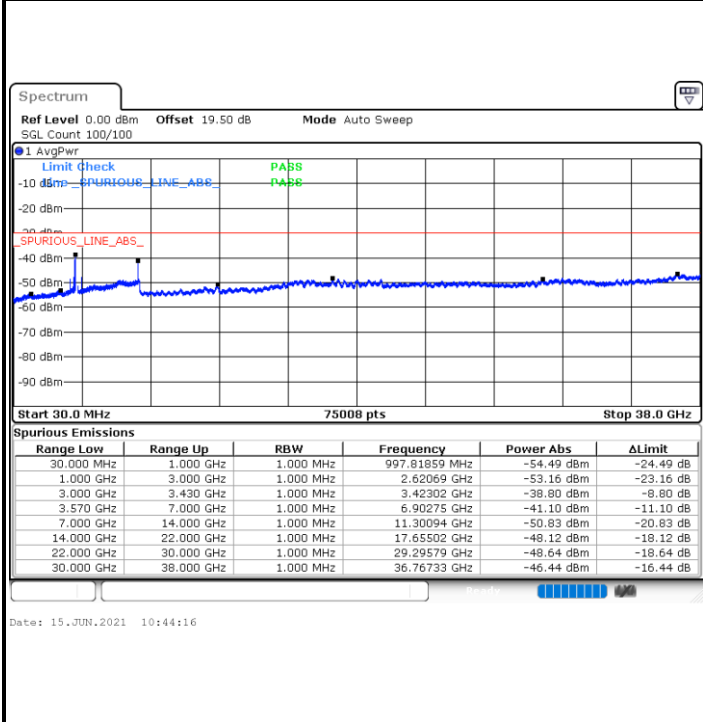


Highest Channel / 16QAM

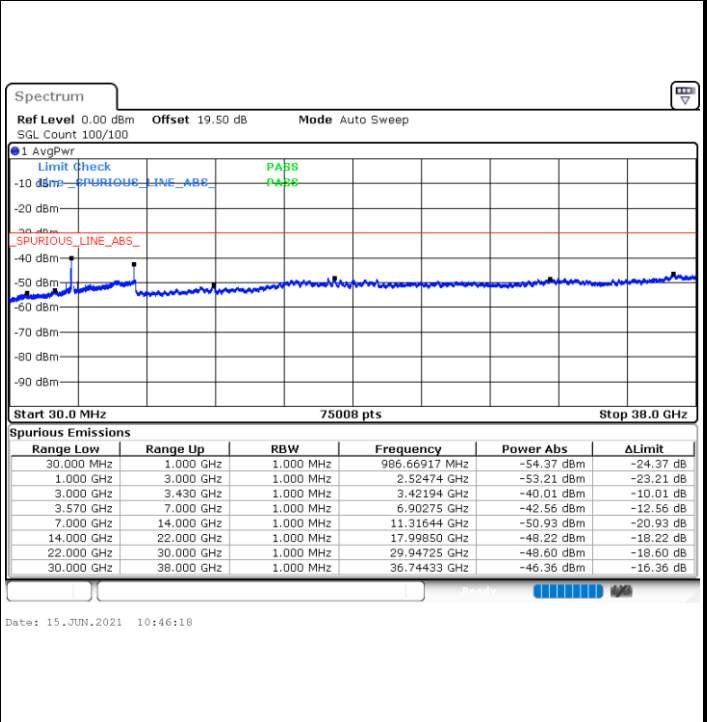


LTE Band 42 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

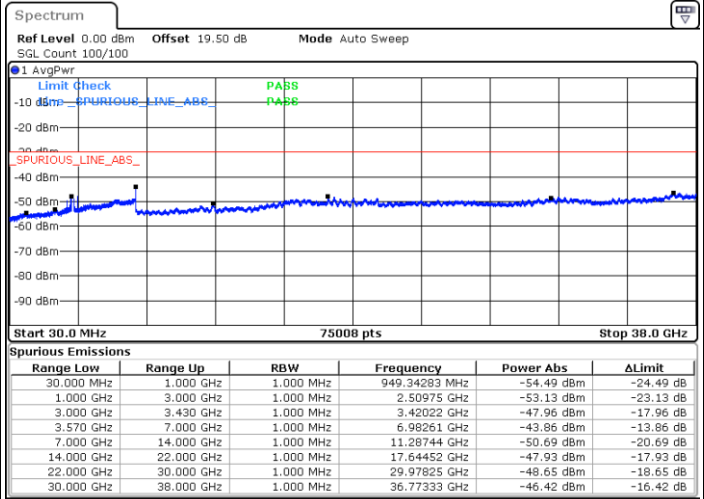
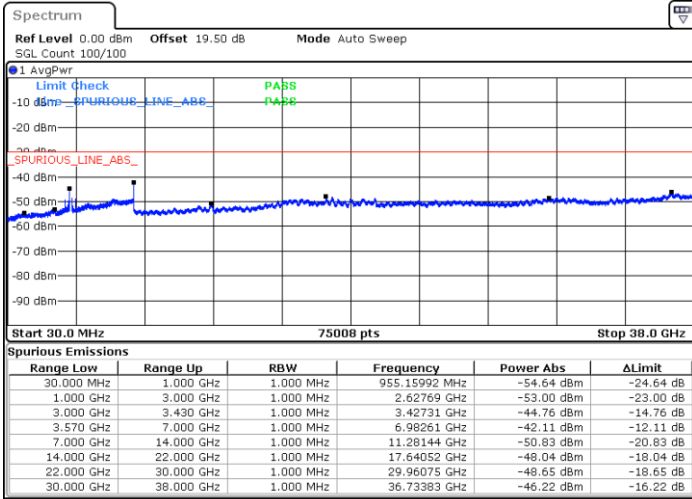




LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

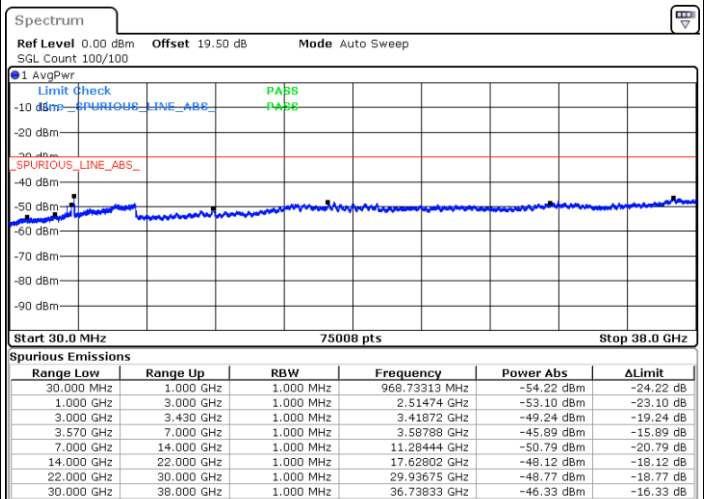
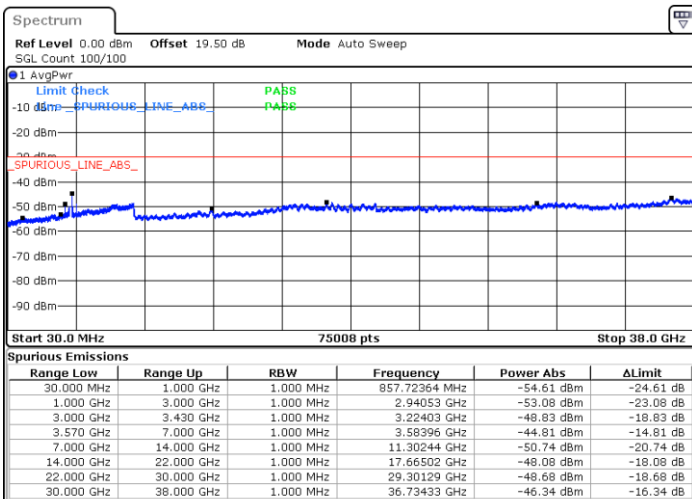


Date: 15 JUN.2021 10:50:25

Date: 15 JUN.2021 10:51:41

Highest Channel / QPSK

Highest Channel / 16QAM



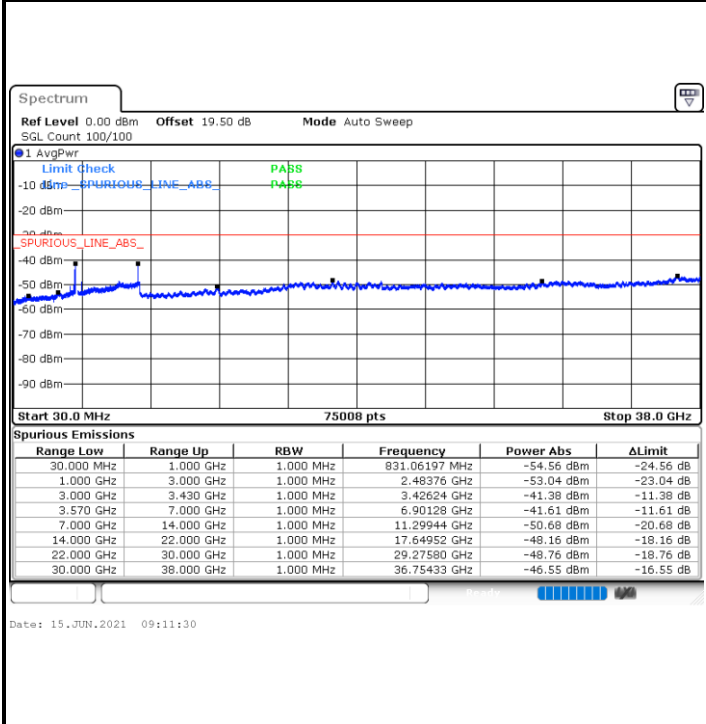
Date: 15 JUN.2021 10:59:51

Date: 15 JUN.2021 11:01:16

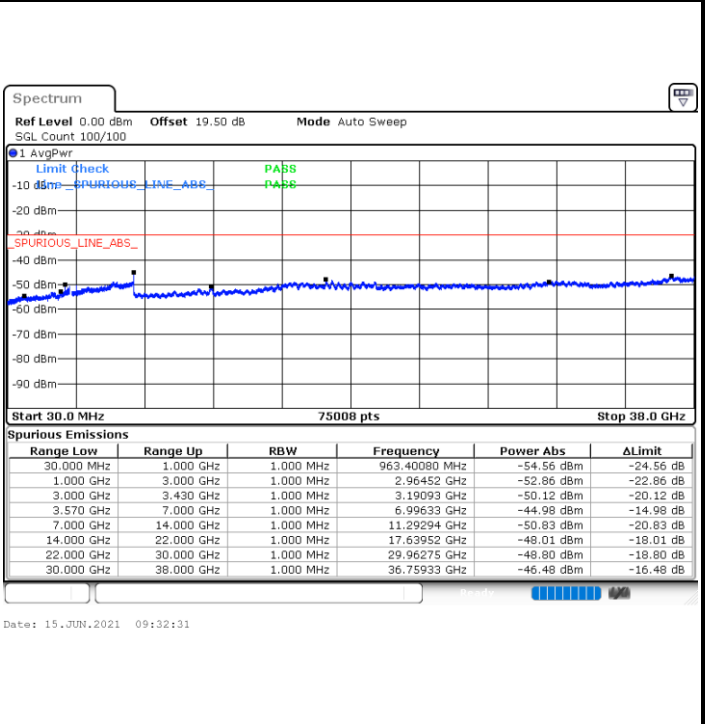


LTE Band 42 / 5MHz

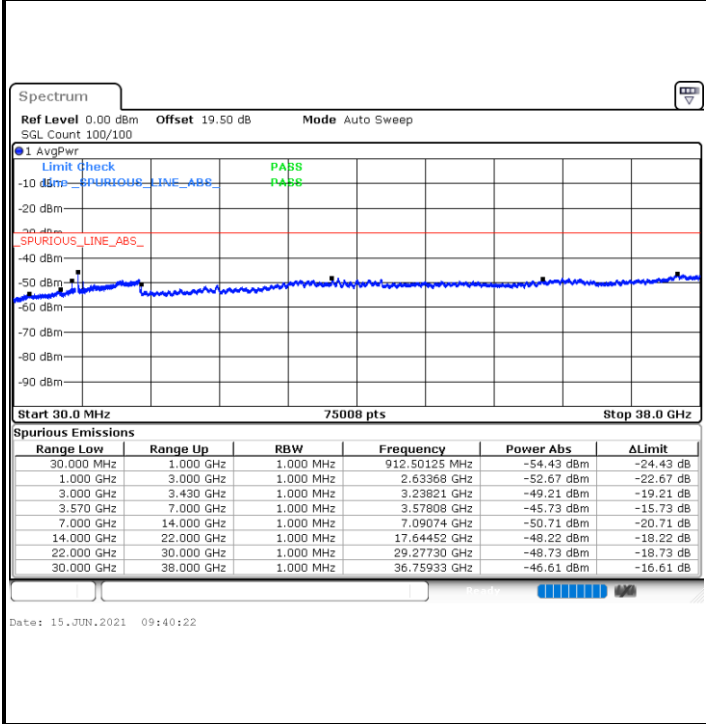
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

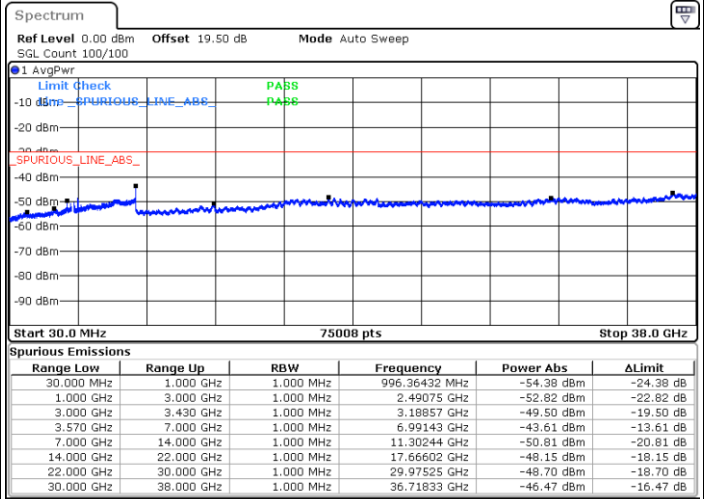
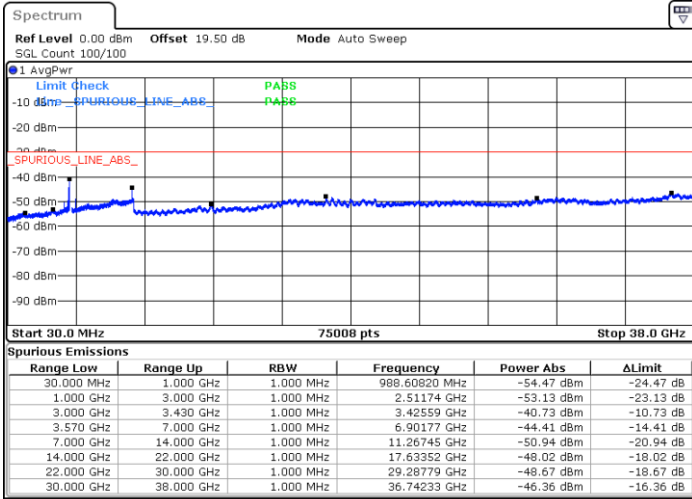




LTE Band 42 / 10MHz

Lowest Channel / 64QAM

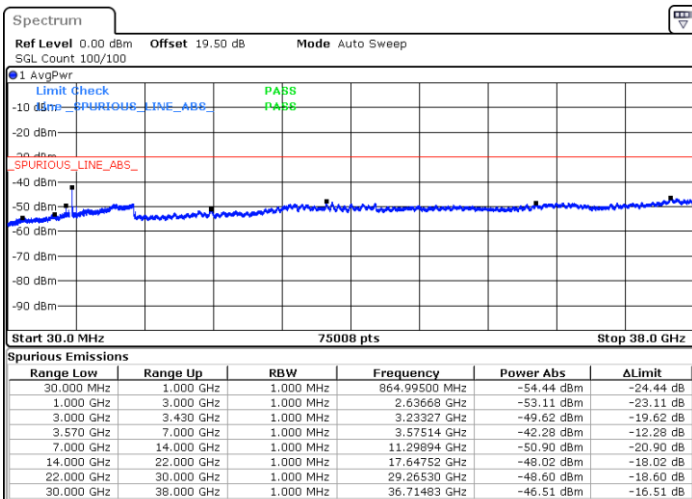
Middle Channel / 64QAM



Date: 15 JUN.2021 09:56:48

Date: 15 JUN.2021 10:03:24

Highest Channel / 64QAM



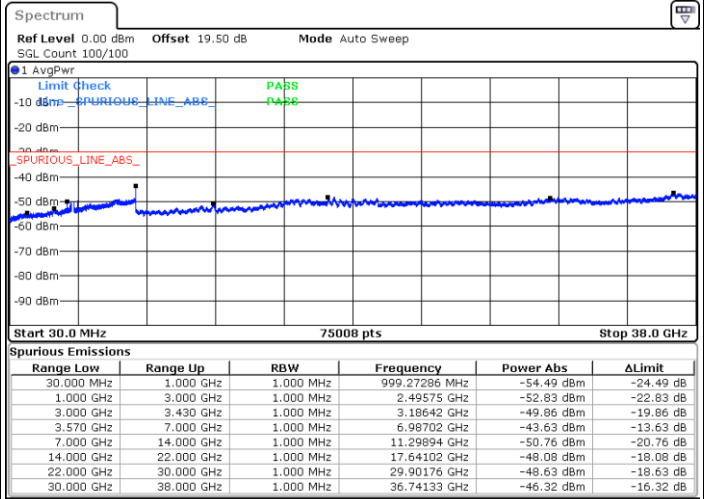
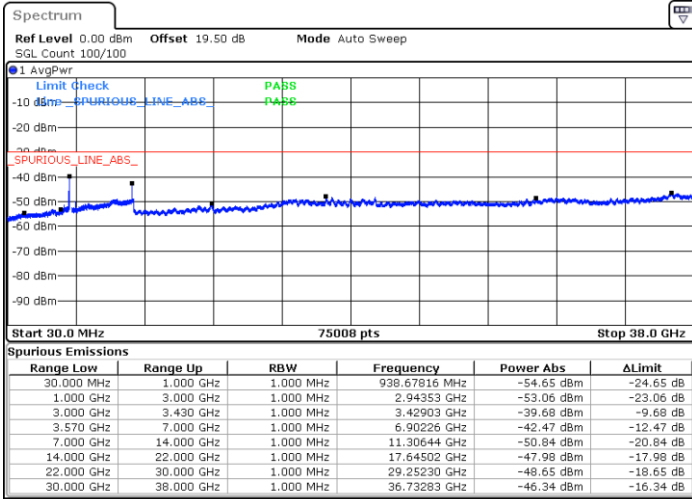
Date: 15 JUN.2021 10:07:12



LTE Band 42 / 15MHz

Lowest Channel / 64QAM

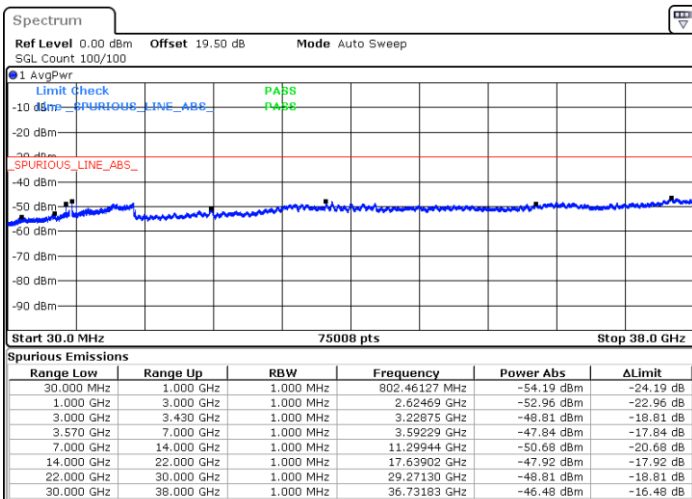
Middle Channel / 64QAM



Date: 15 JUN 2021 10:22:06

Date: 15 JUN 2021 10:32:15

Highest Channel / 64QAM



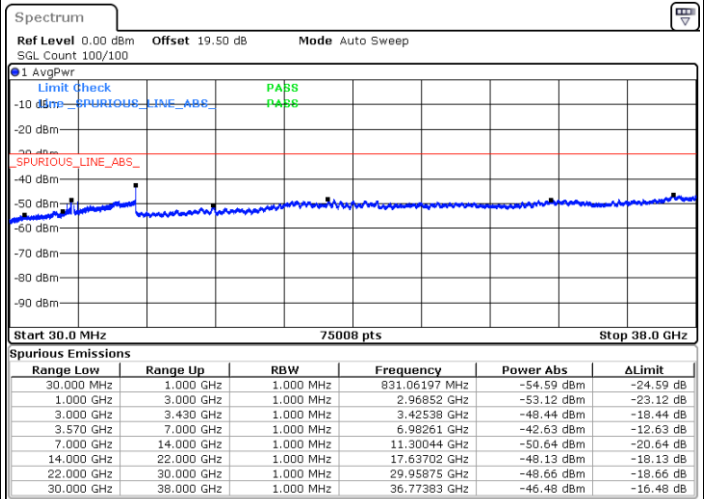
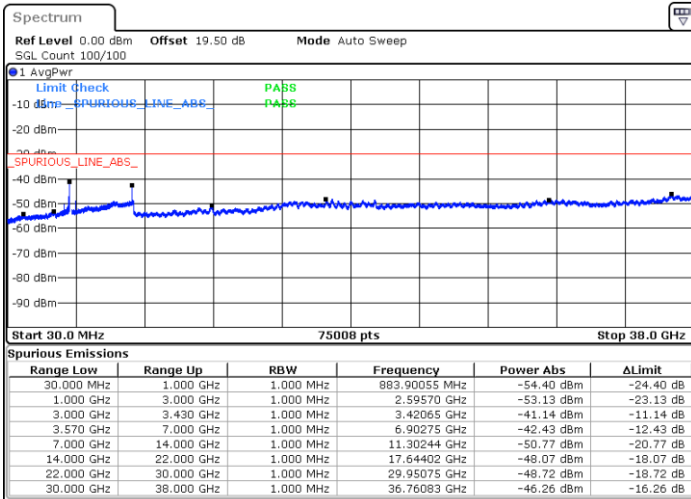
Date: 15 JUN 2021 10:37:33



LTE Band 42 / 20MHz

Lowest Channel / 64QAM

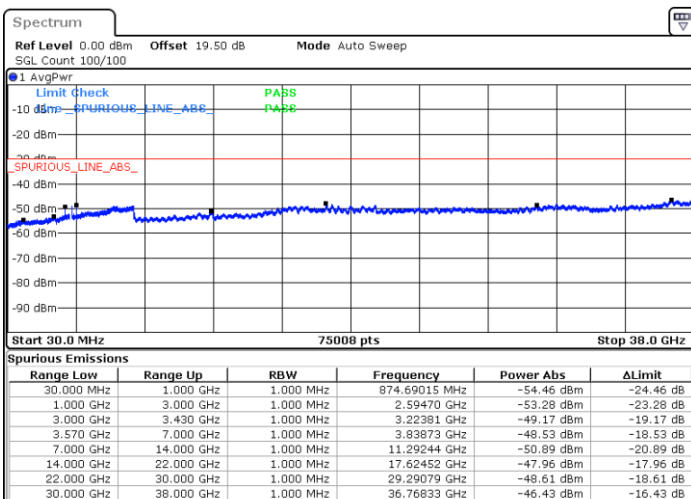
Middle Channel / 64QAM



Date: 15 JUN.2021 10:48:33

Date: 15 JUN.2021 10:58:19

Highest Channel / 64QAM



Date: 15 JUN.2021 11:02:46

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6982.00	-55.13	-13	-42.13	-79.26	-60.69	7.14	12.70	H
	10473.00	-49.65	-13	-36.65	-79.58	-52.95	8.30	11.60	H
	13964.00	-45.76	-13	-32.76	-78.65	-47.28	10.48	12.00	H
	6982.00	-54.95	-13	-41.95	-79.54	-60.51	7.14	12.70	V
	10473.00	-50.27	-13	-37.27	-79.59	-53.57	8.30	11.60	V
	13964.00	-46.44	-13	-33.44	-78.94	-47.96	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.