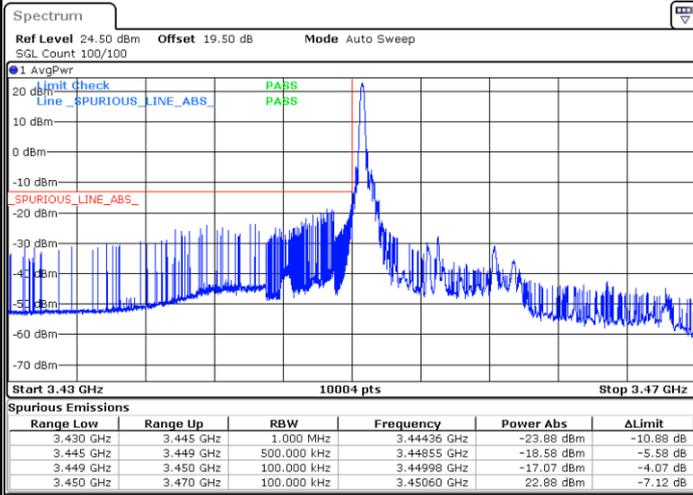




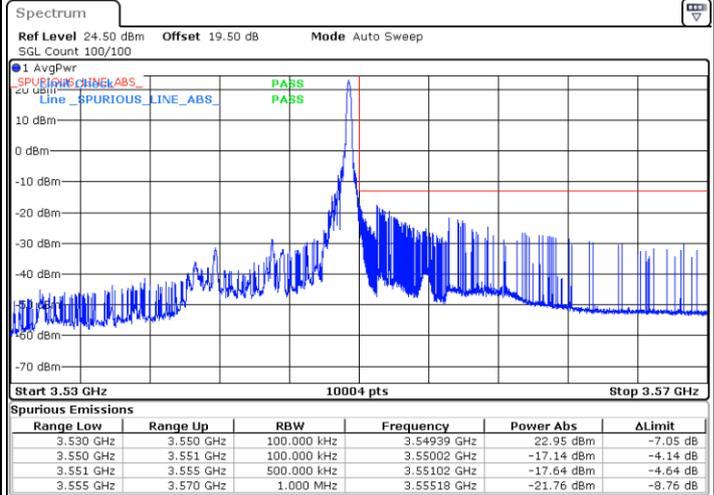
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



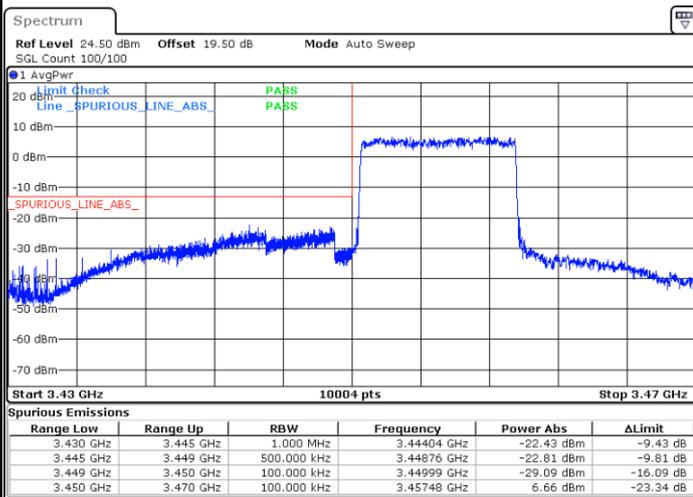
Date: 23.SEP.2021 12:04:33

Highest Band Edge / 1 RB



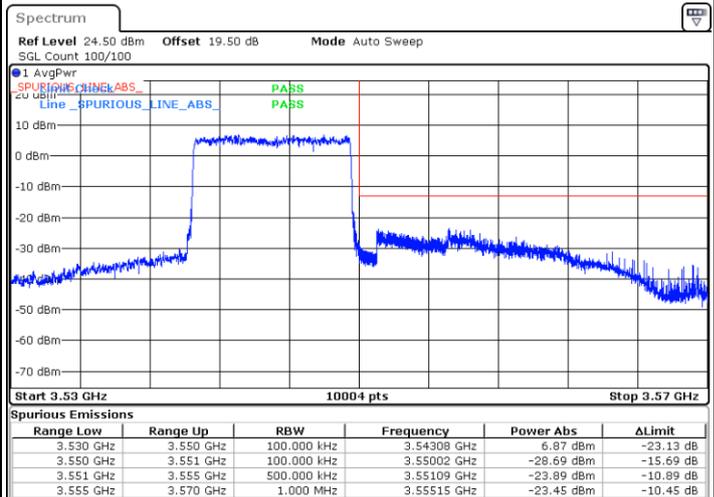
Date: 23.SEP.2021 12:23:33

Lowest Band Edge / Full RB



Date: 23.SEP.2021 12:13:20

Highest Band Edge / Full RB

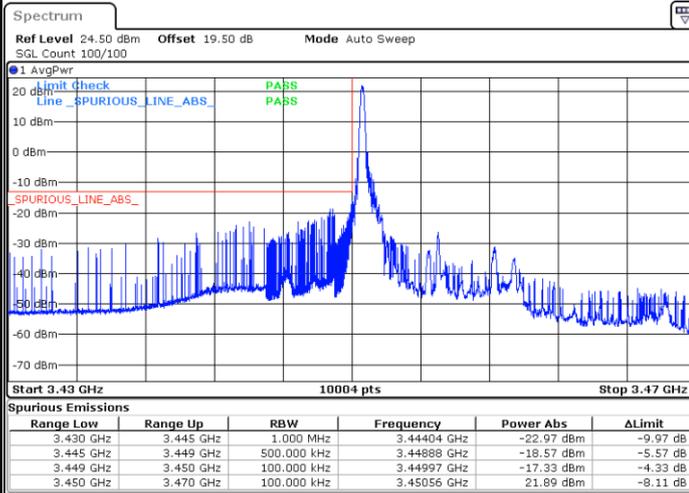


Date: 23.SEP.2021 12:25:18



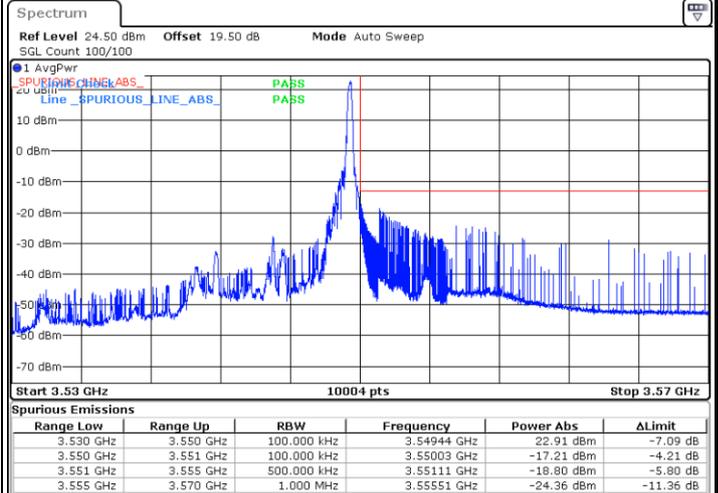
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



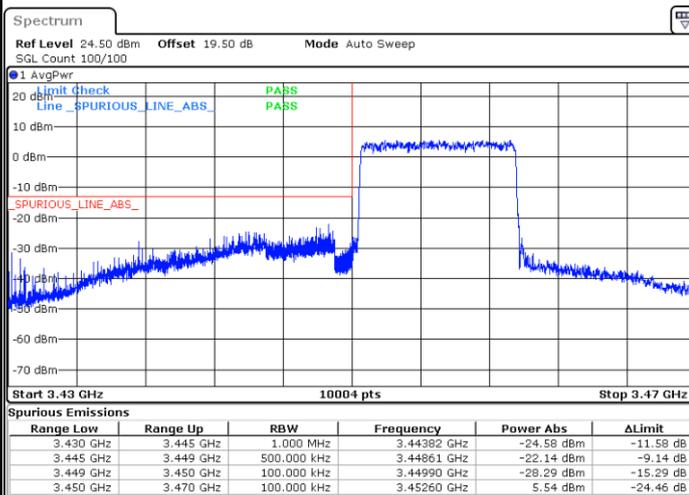
Date: 23.SEP.2021 12:06:06

Highest Band Edge / 1 RB



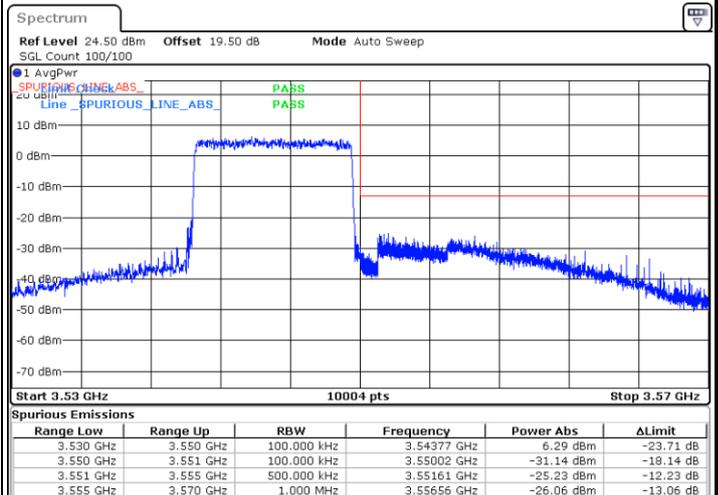
Date: 23.SEP.2021 12:23:48

Lowest Band Edge / Full RB



Date: 23.SEP.2021 12:12:38

Highest Band Edge / Full RB

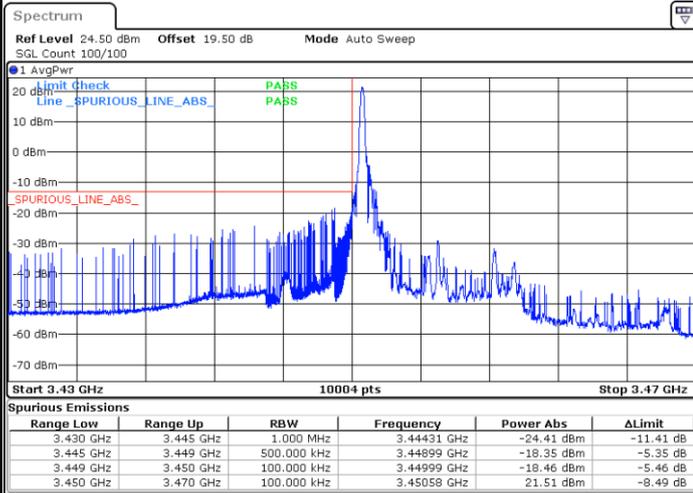


Date: 23.SEP.2021 12:24:53



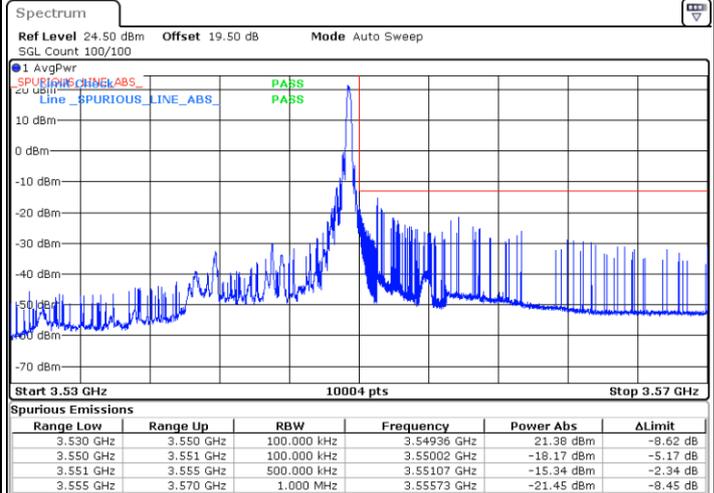
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



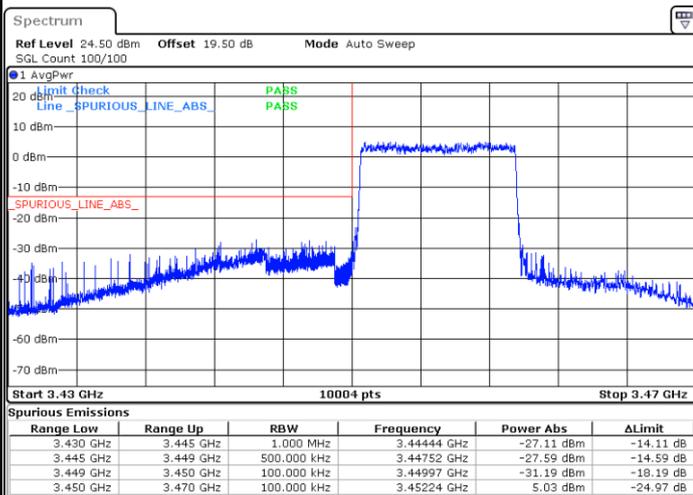
Date: 23.SEP.2021 12:08:36

Highest Band Edge / 1 RB



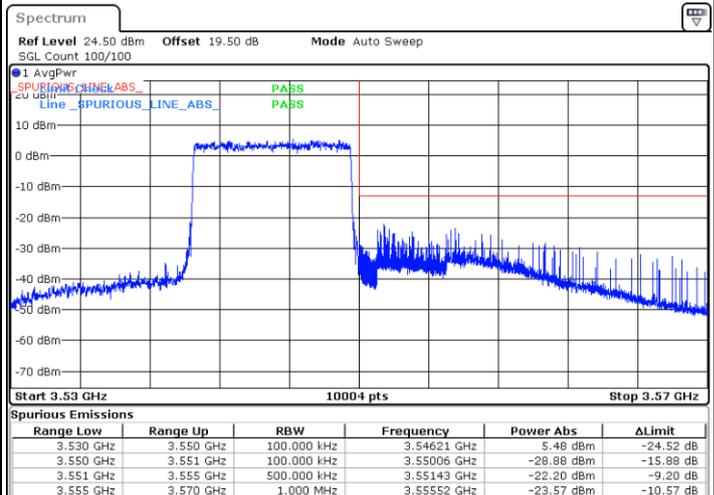
Date: 23.SEP.2021 12:24:12

Lowest Band Edge / Full RB



Date: 23.SEP.2021 12:12:11

Highest Band Edge / Full RB

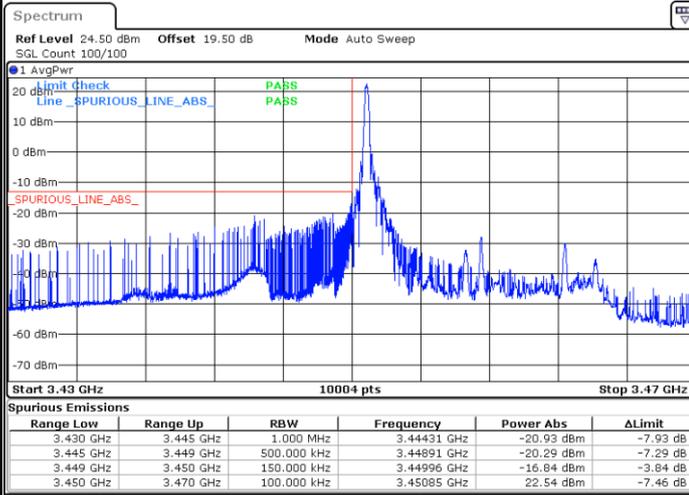


Date: 23.SEP.2021 12:24:14



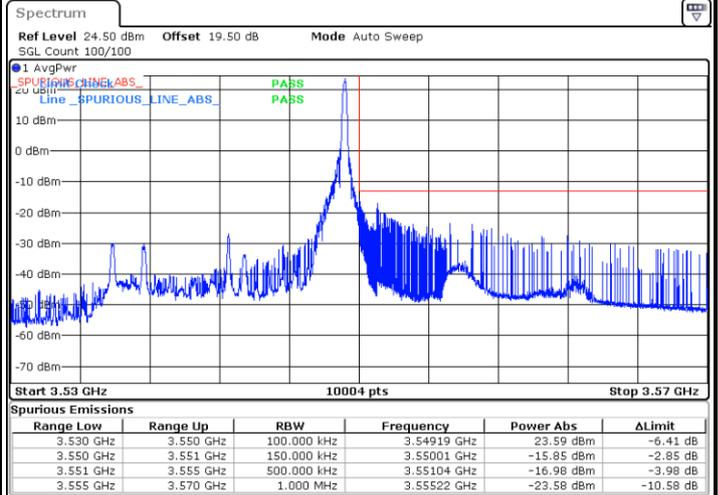
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



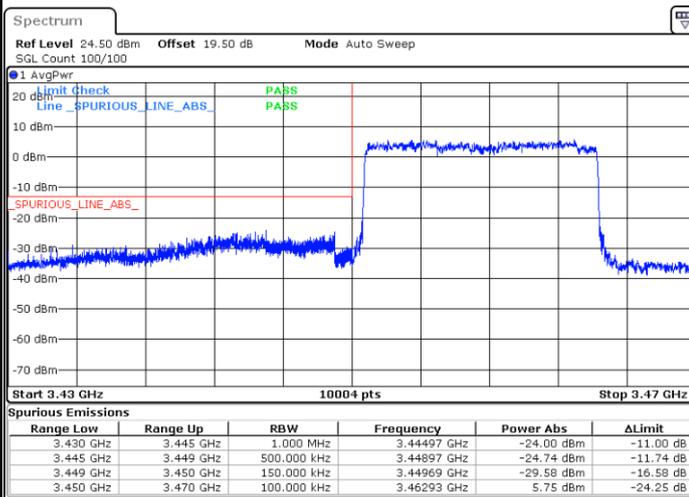
Date: 23.SEP.2021 12:35:45

Highest Band Edge / 1 RB



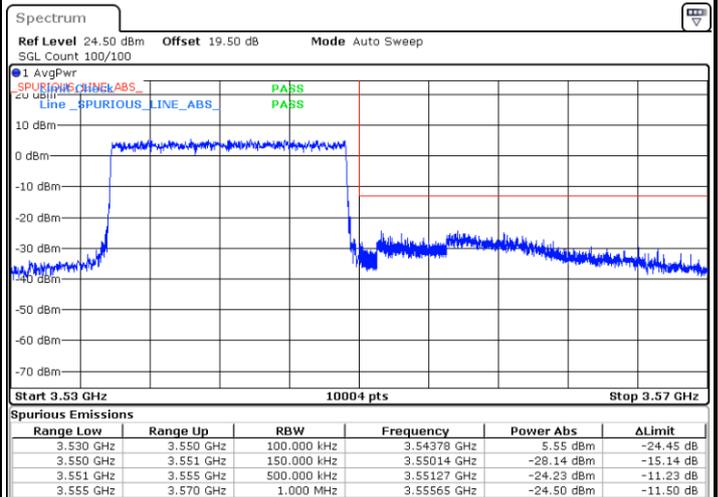
Date: 24.SEP.2021 10:37:11

Lowest Band Edge / Full RB



Date: 24.SEP.2021 10:26:26

Highest Band Edge / Full RB

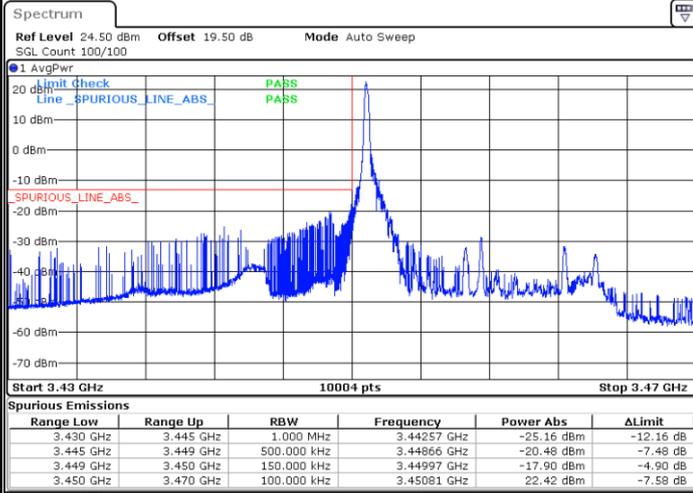


Date: 24.SEP.2021 10:52:29



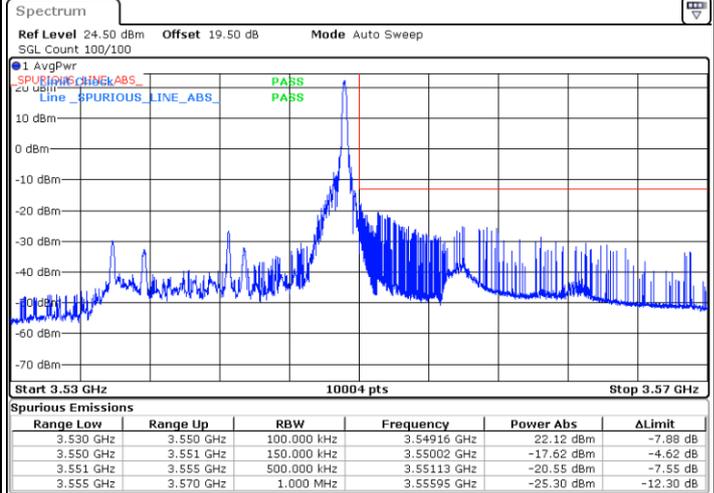
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



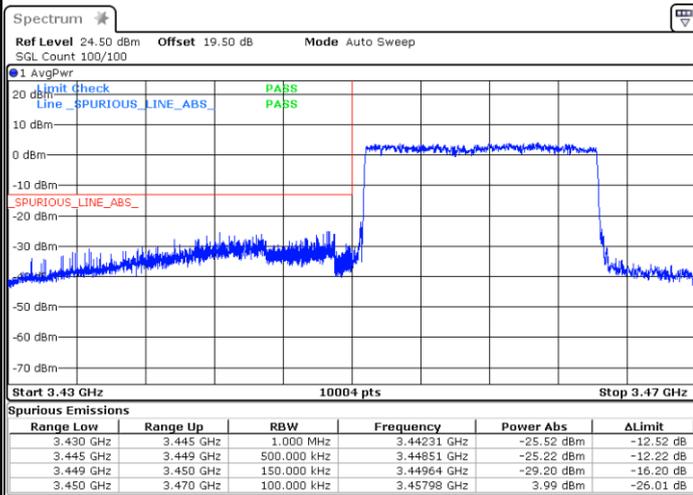
Date: 23.SEP.2021 12:37:54

Highest Band Edge / 1 RB



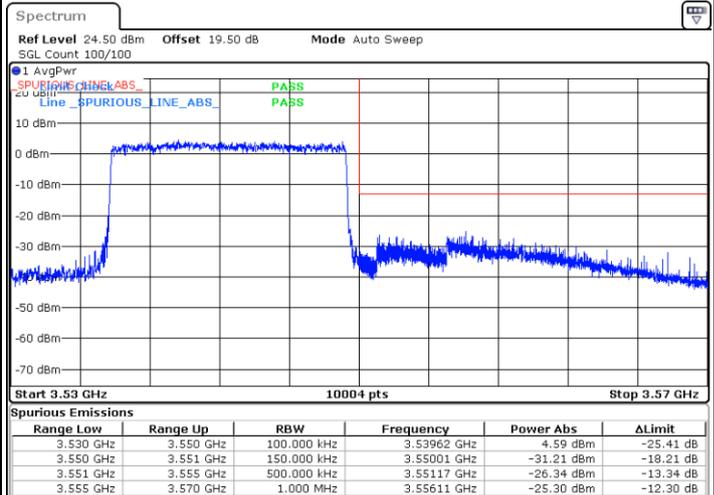
Date: 24.SEP.2021 10:37:44

Lowest Band Edge / Full RB



Date: 24.SEP.2021 10:27:12

Highest Band Edge / Full RB

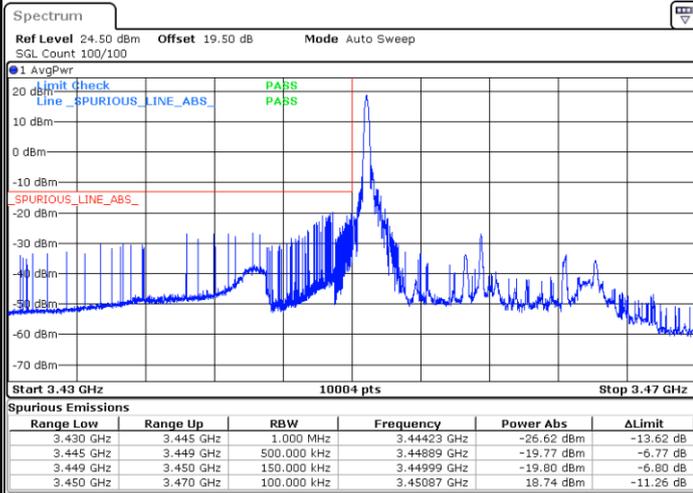


Date: 24.SEP.2021 10:50:53



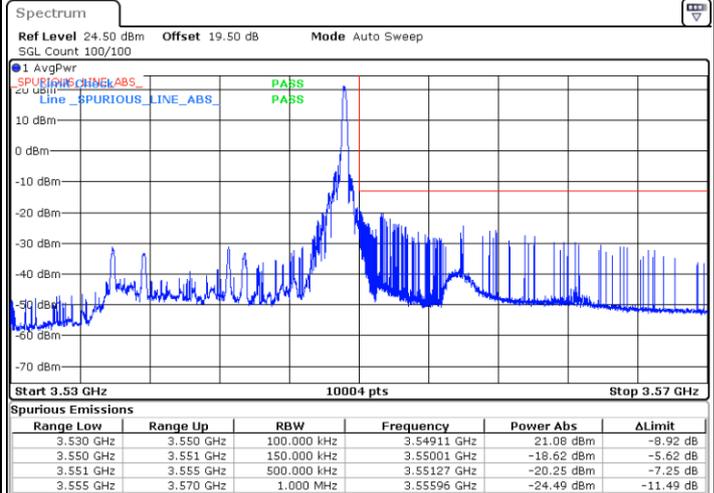
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



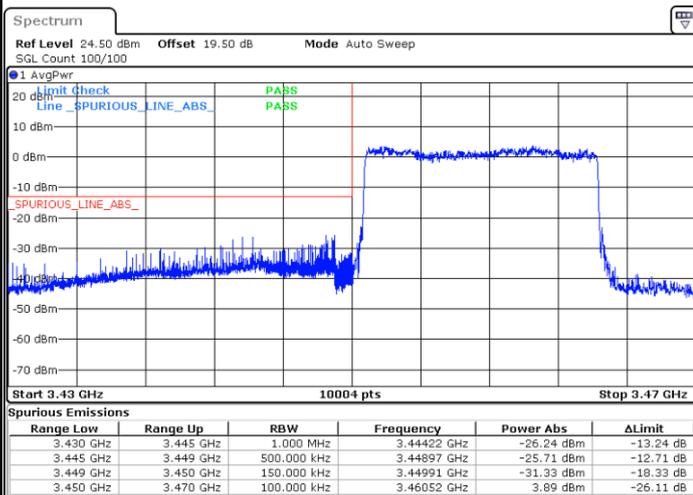
Date: 24.SEP.2021 10:19:07

Highest Band Edge / 1 RB



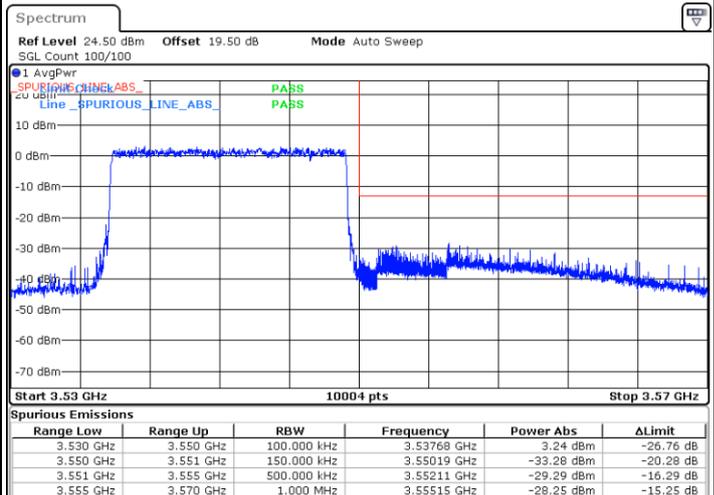
Date: 24.SEP.2021 10:38:15

Lowest Band Edge / Full RB



Date: 24.SEP.2021 10:27:58

Highest Band Edge / Full RB

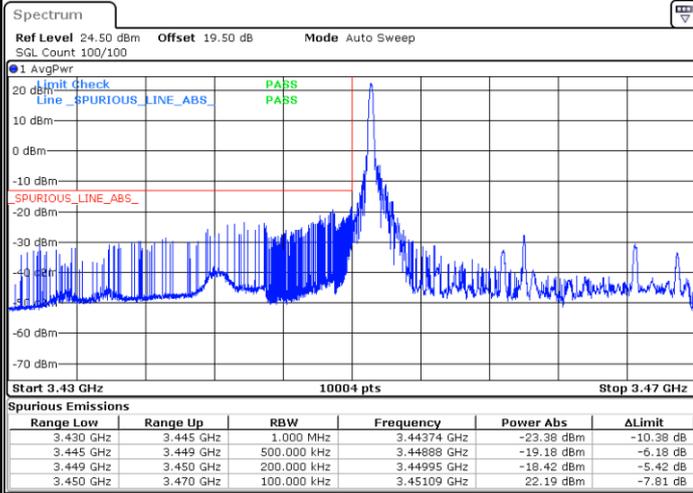


Date: 24.SEP.2021 10:49:48

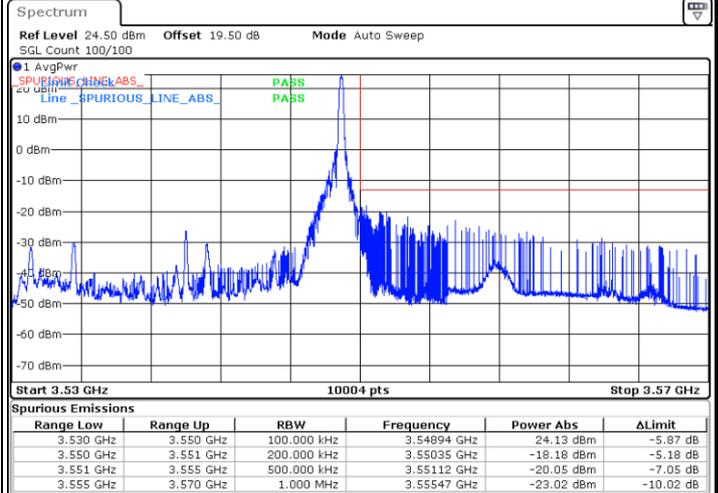


LTE Band 42 / 20MHz / QPSK

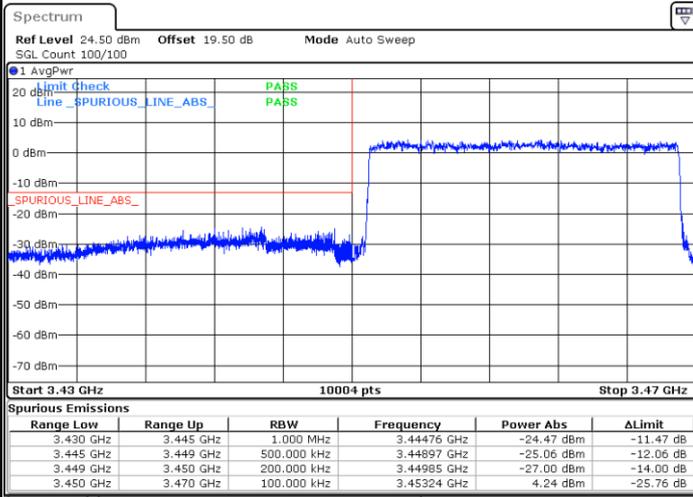
Lowest Band Edge / 1 RB



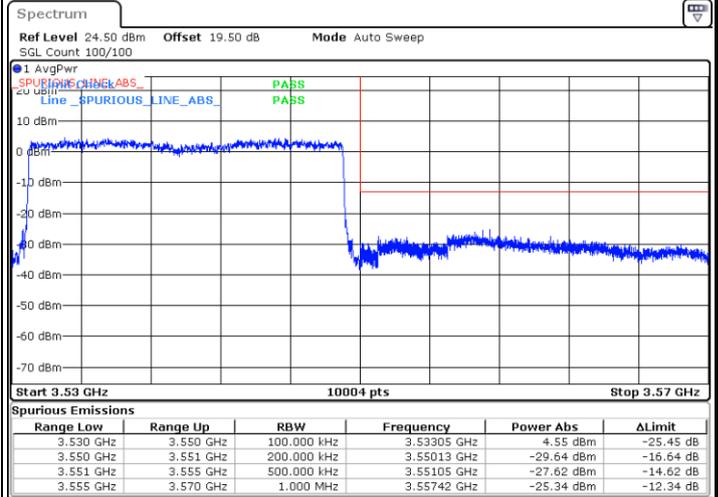
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



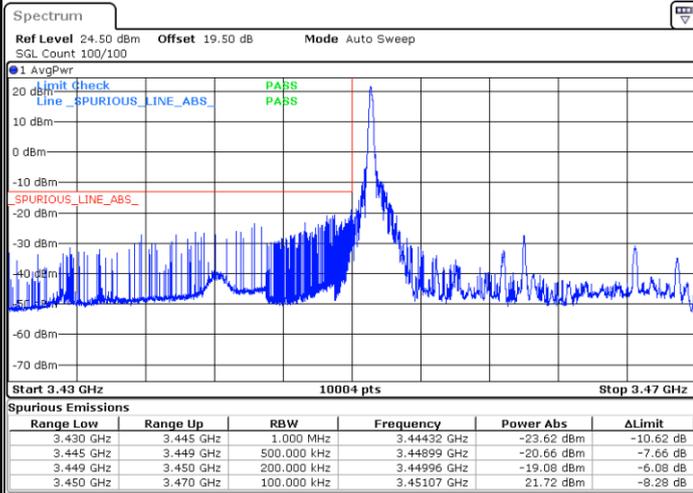
Highest Band Edge / Full RB





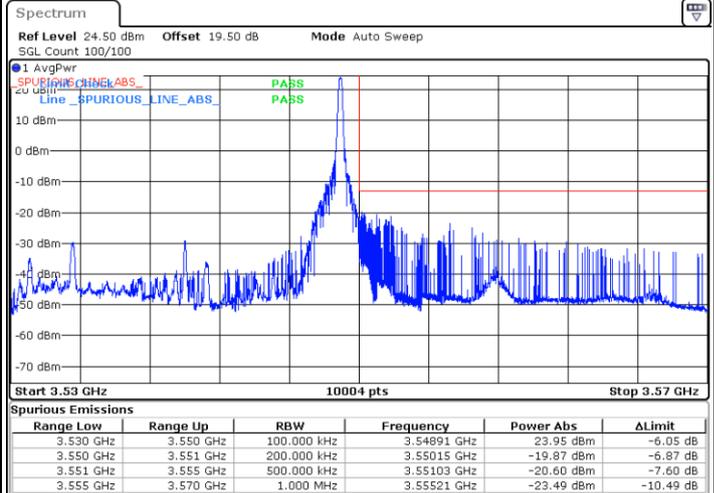
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



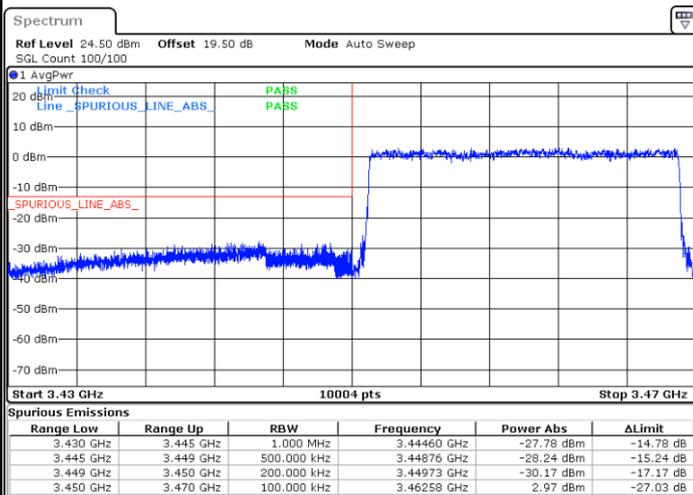
Date: 24.SEP.2021 11:06:49

Highest Band Edge / 1RB



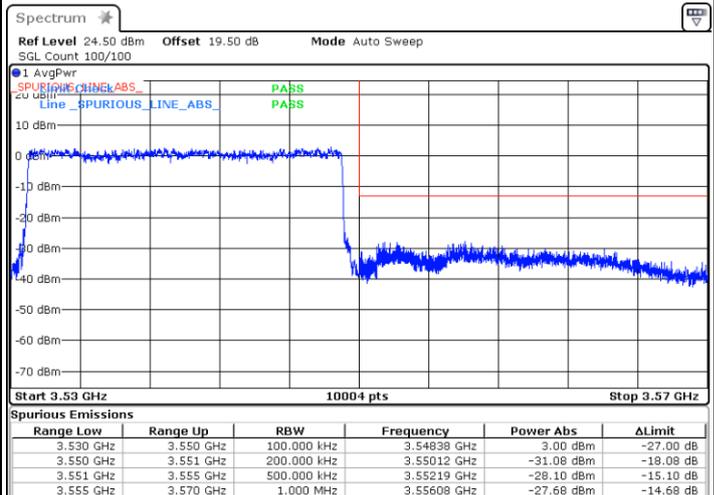
Date: 24.SEP.2021 11:36:46

Lowest Band Edge / Full RB



Date: 24.SEP.2021 11:15:29

Highest Band Edge / Full RB

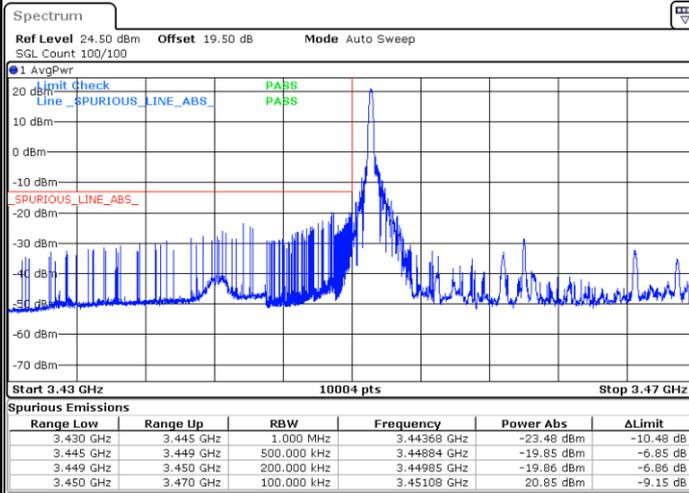


Date: 24.SEP.2021 11:38:32



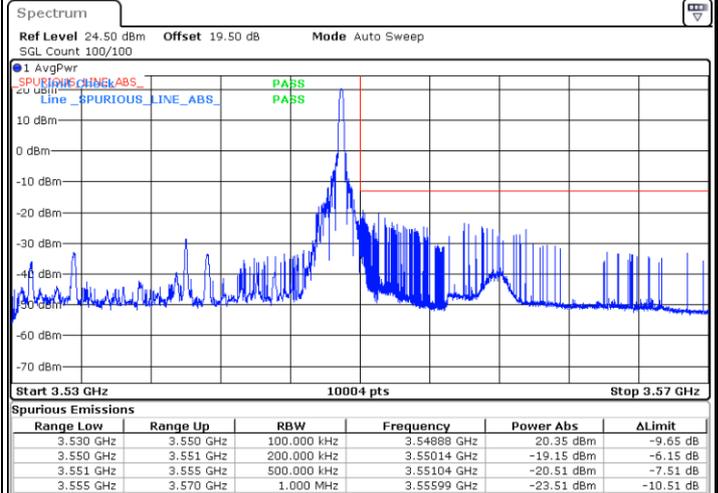
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



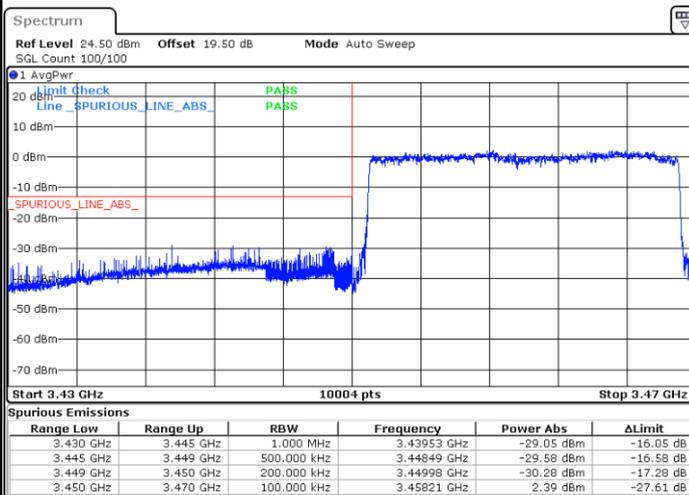
Date: 24.SEP.2021 11:09:53

Highest Band Edge / 1 RB



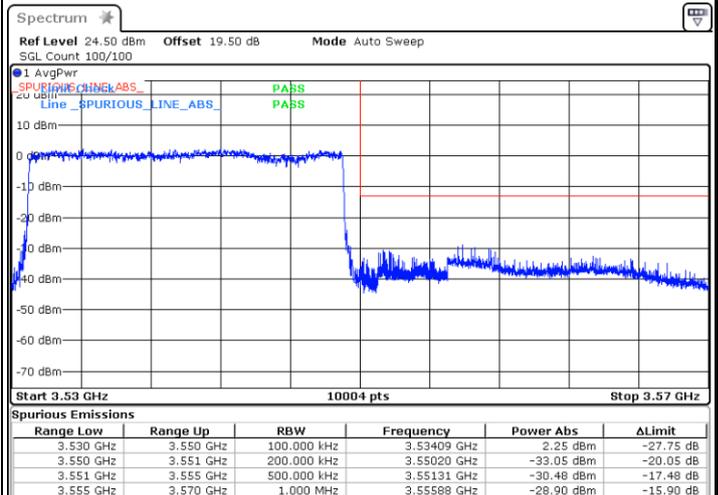
Date: 24.SEP.2021 11:37:04

Lowest Band Edge / Full RB



Date: 24.SEP.2021 11:14:13

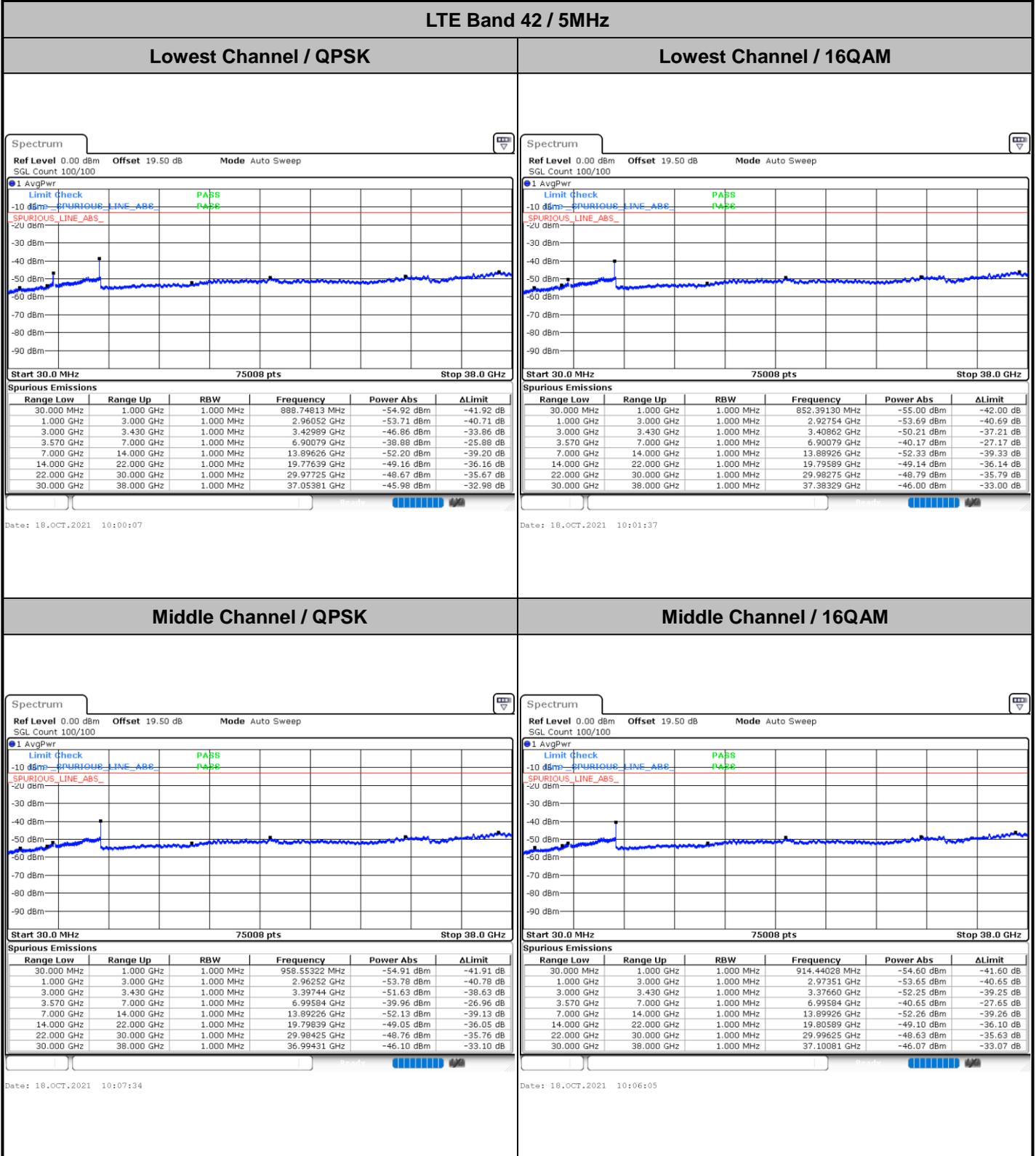
Highest Band Edge / Full RB



Date: 24.SEP.2021 11:37:47



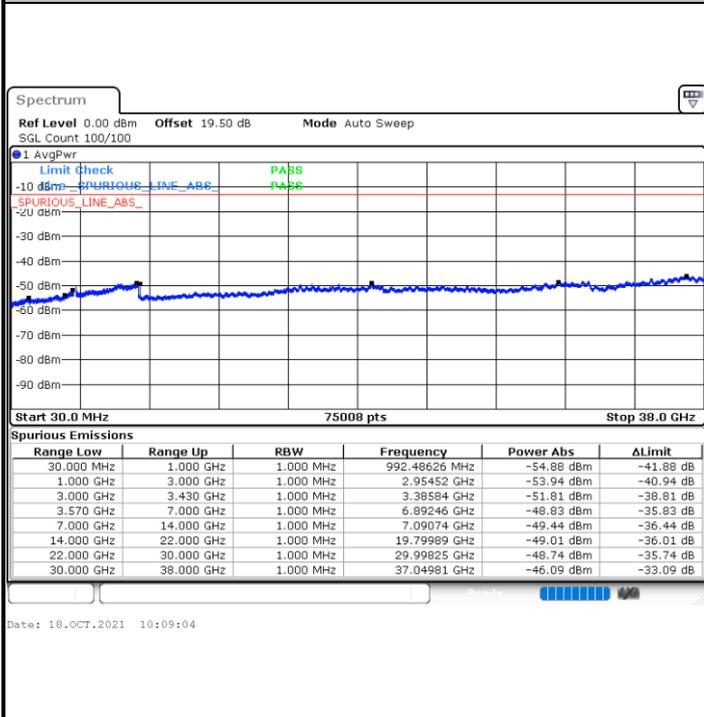
# Conducted Spurious Emission



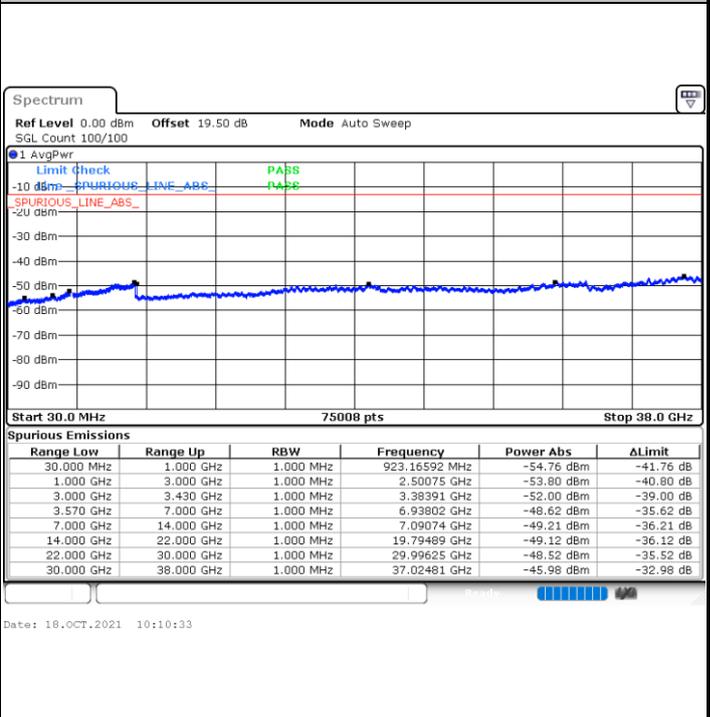


LTE Band 42 / 5MHz

Highest Channel / QPSK

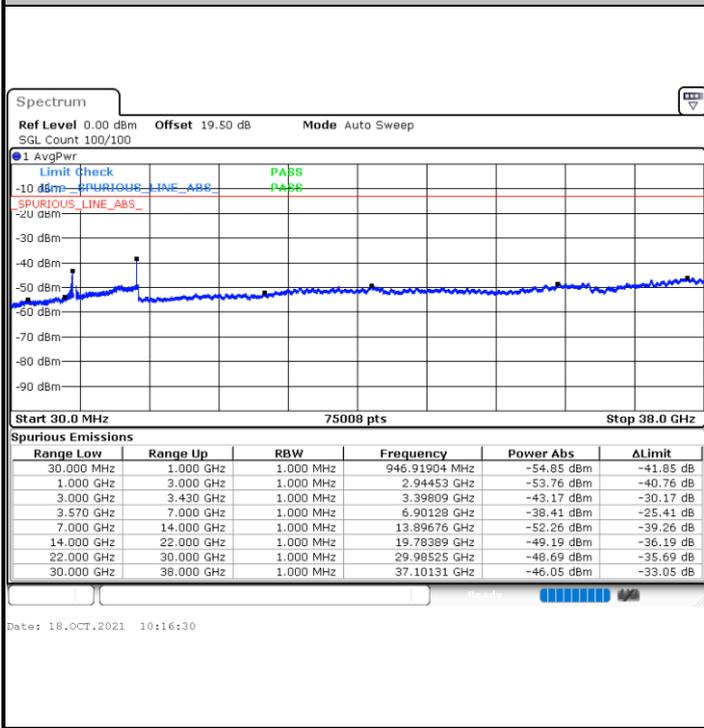


Highest Channel / 16QAM

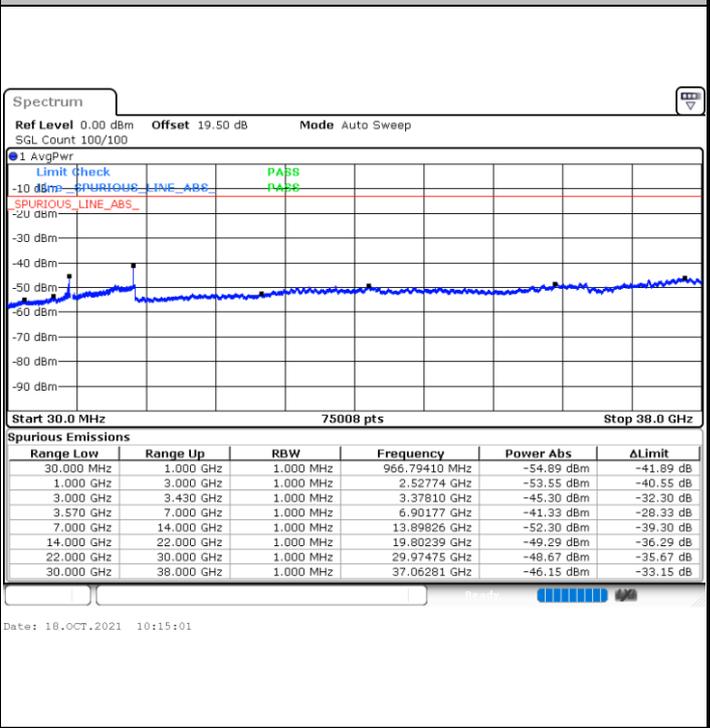


LTE Band 42 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

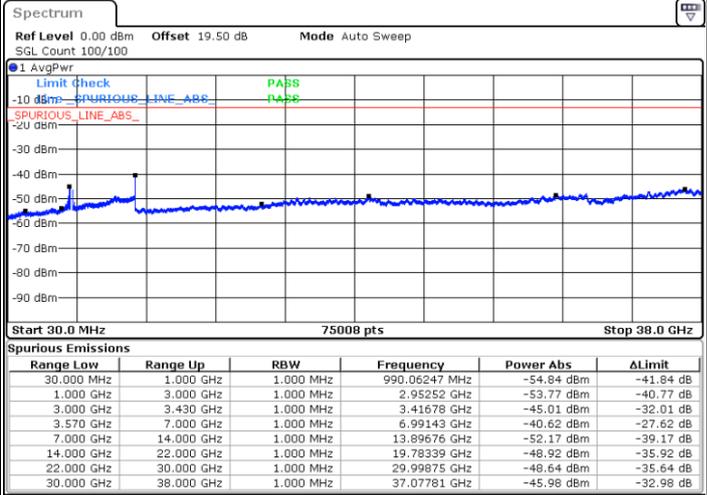
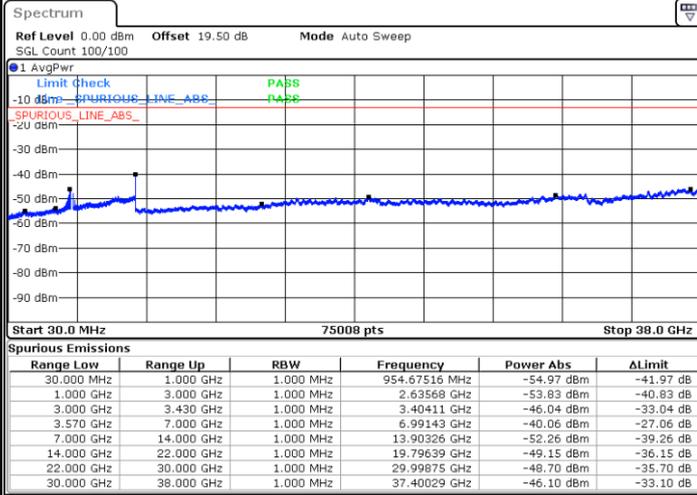




LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

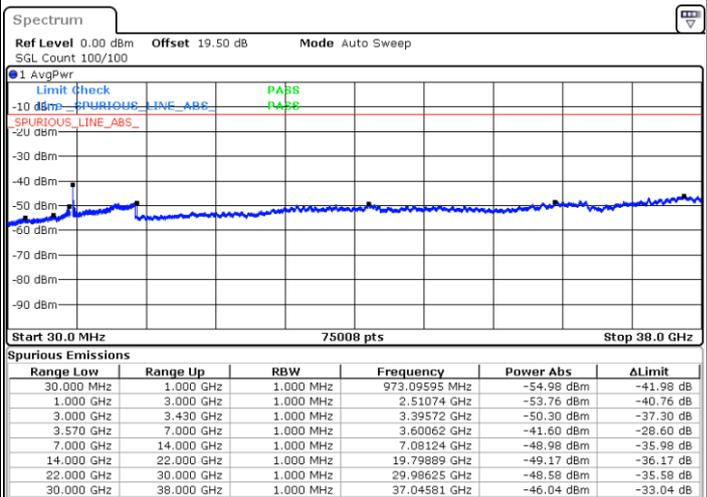
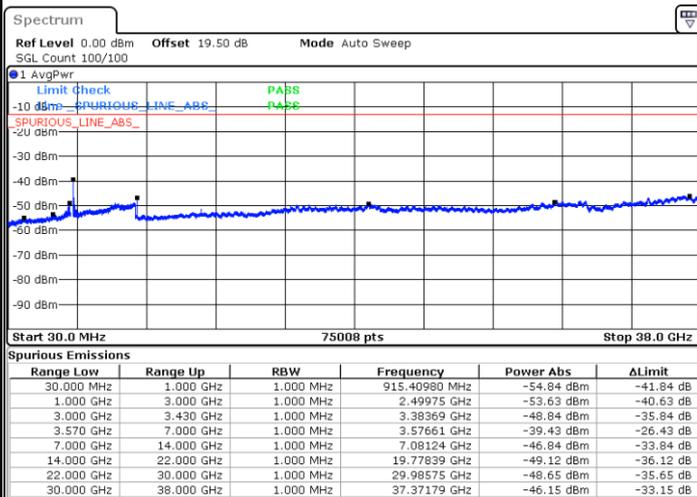


Date: 18.OCT.2021 10:18:00

Date: 18.OCT.2021 10:19:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.OCT.2021 10:25:27

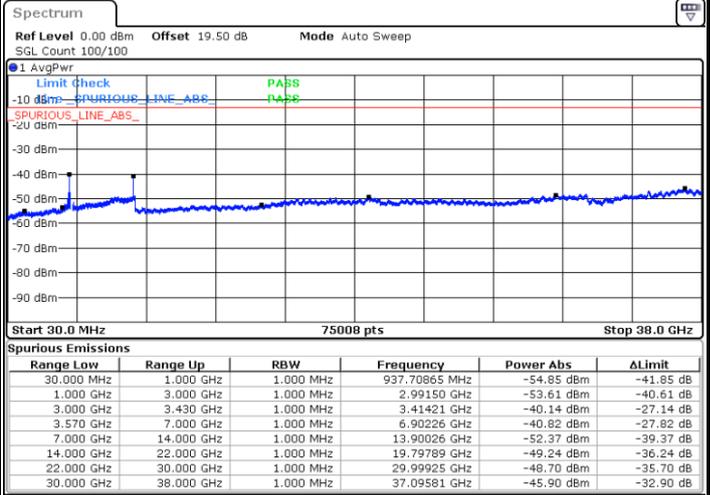
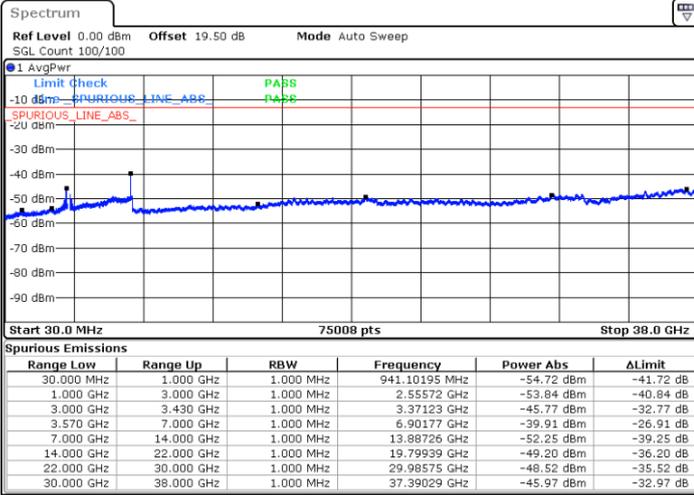
Date: 18.OCT.2021 10:23:57



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

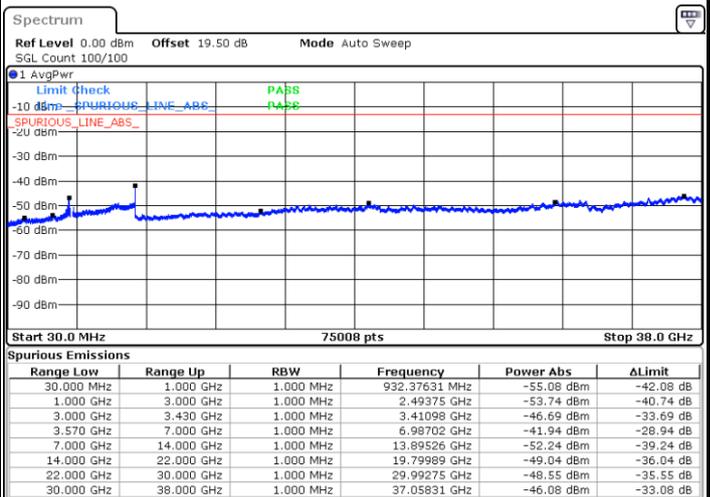
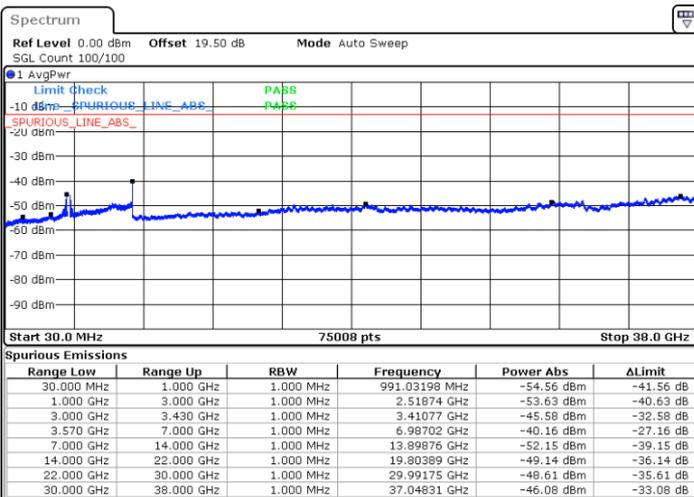


Date: 18.OCT.2021 10:26:56

Date: 18.OCT.2021 10:28:26

Middle Channel / QPSK

Middle Channel / 16QAM



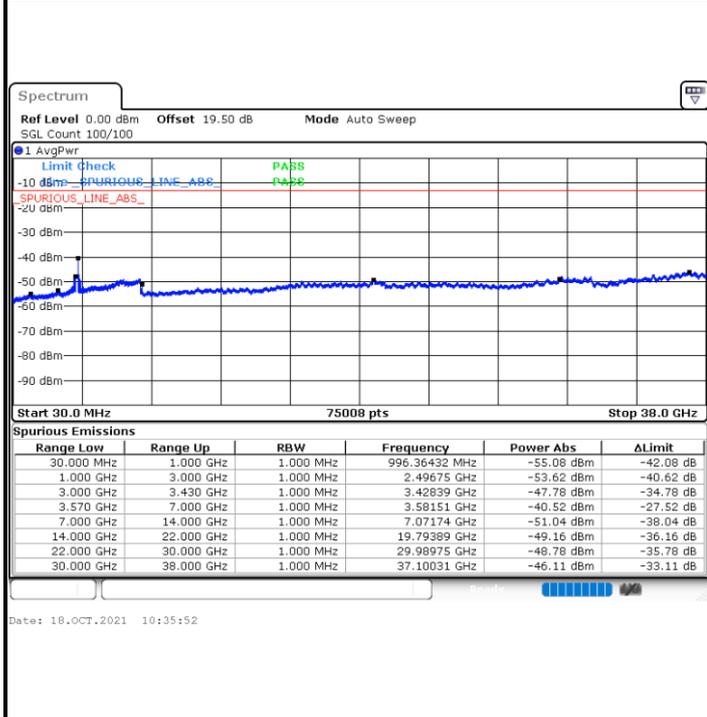
Date: 18.OCT.2021 10:34:23

Date: 18.OCT.2021 10:32:54

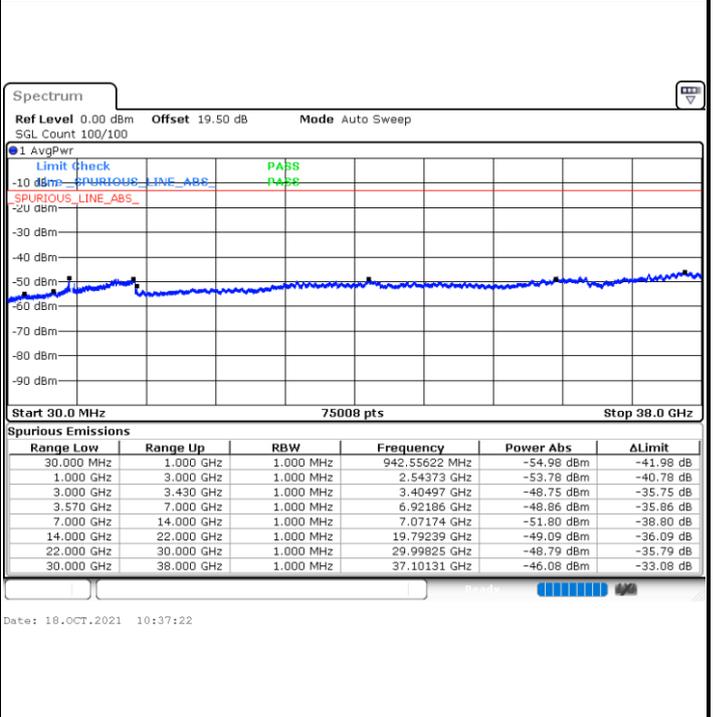


LTE Band42 / 15MHz

Highest Channel / QPSK

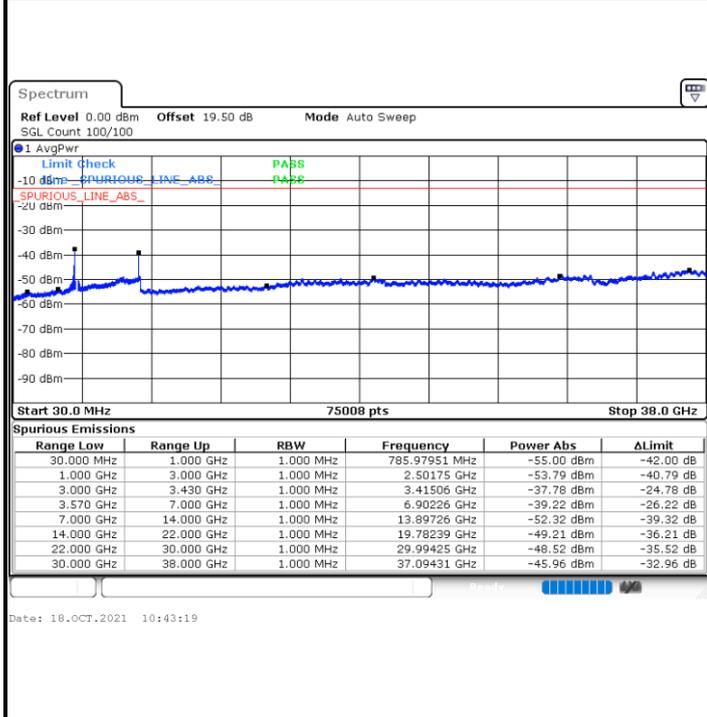


Highest Channel / 16QAM

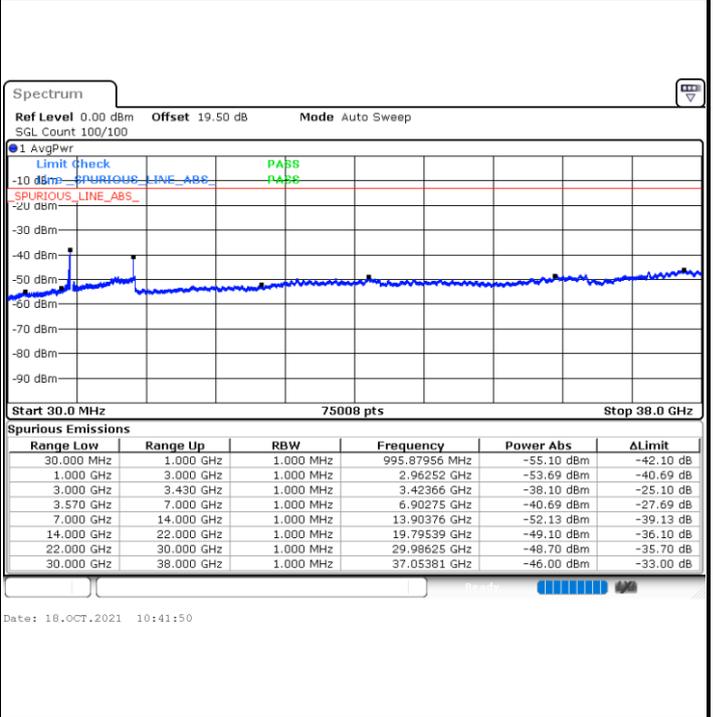


LTE Band 42 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

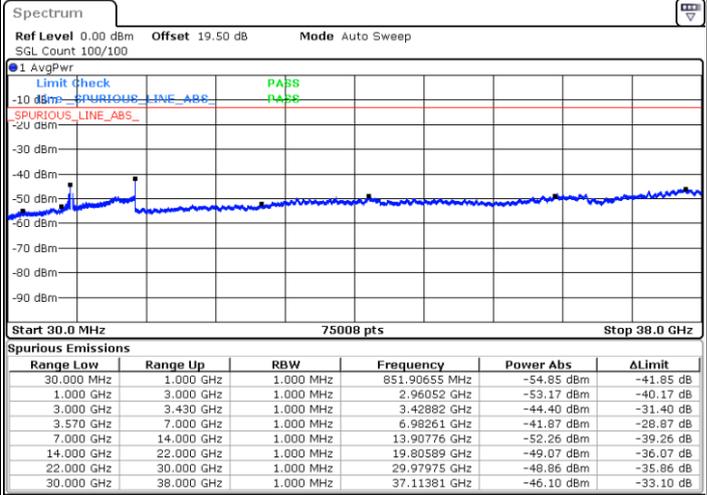
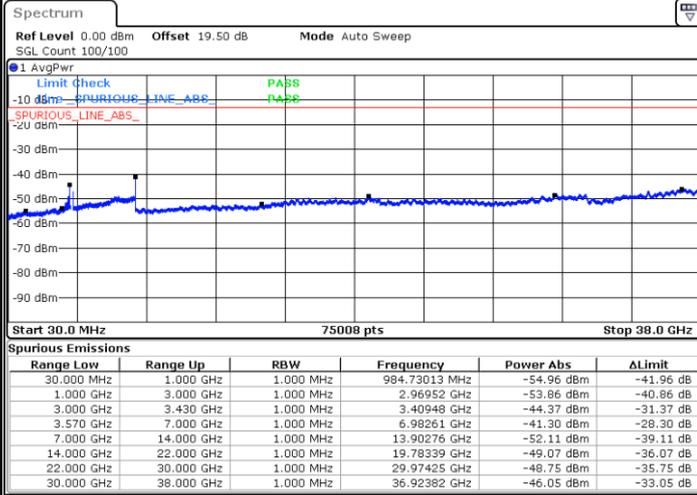




LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

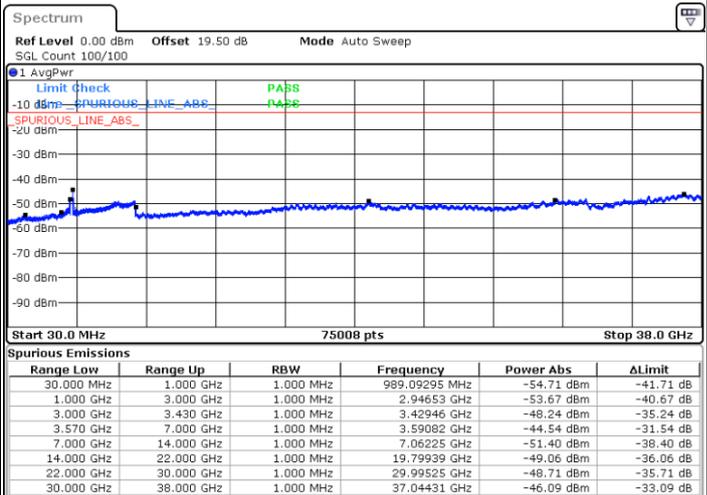
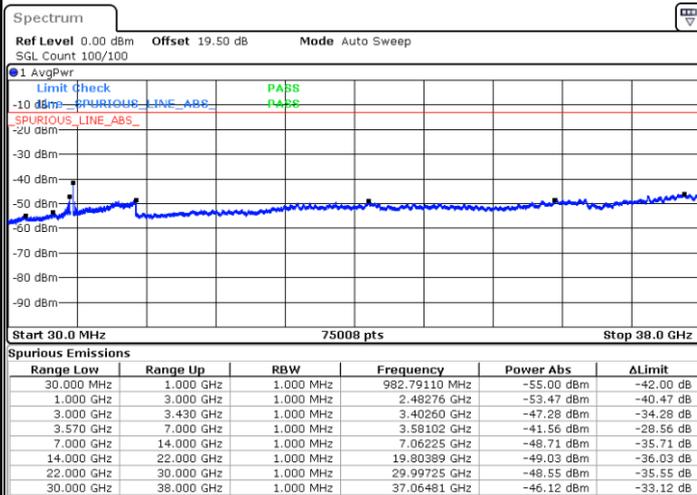


Date: 18.OCT.2021 10:44:49

Date: 18.OCT.2021 10:46:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.OCT.2021 10:52:15

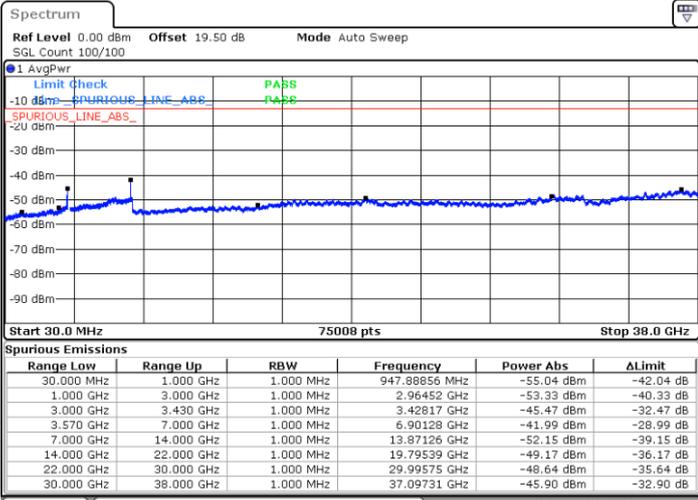
Date: 18.OCT.2021 10:50:46



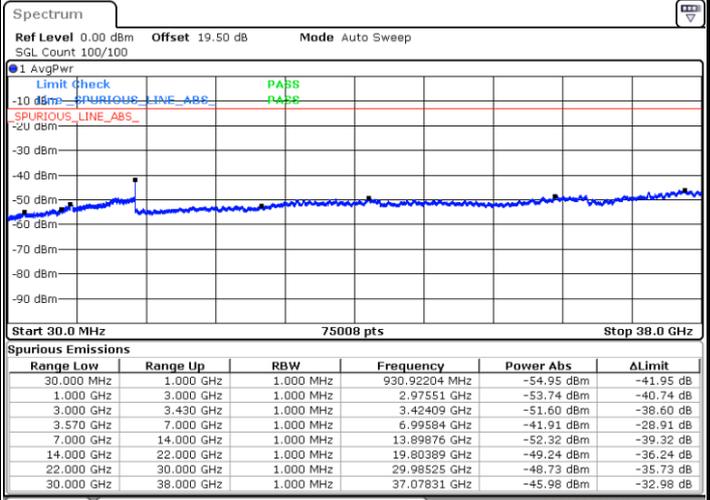
LTE Band 42 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

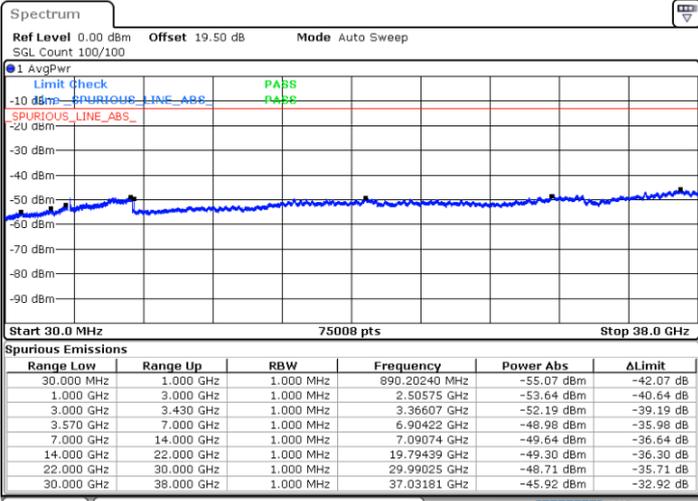


Date: 18.OCT.2021 10:03:06



Date: 18.OCT.2021 10:04:35

Highest Channel / 64QAM



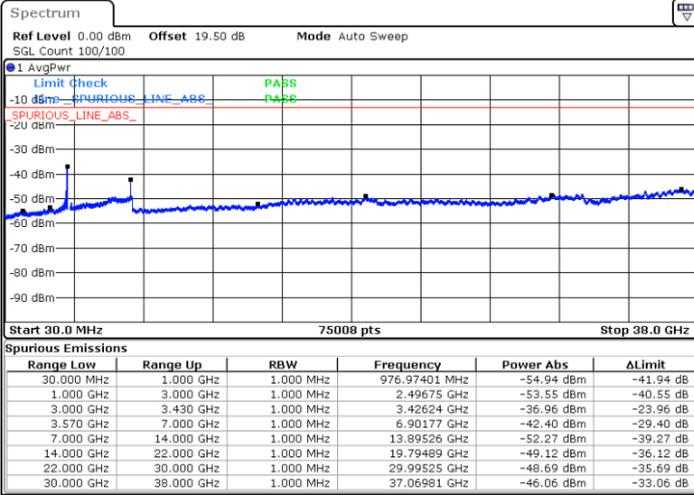
Date: 18.OCT.2021 10:12:02



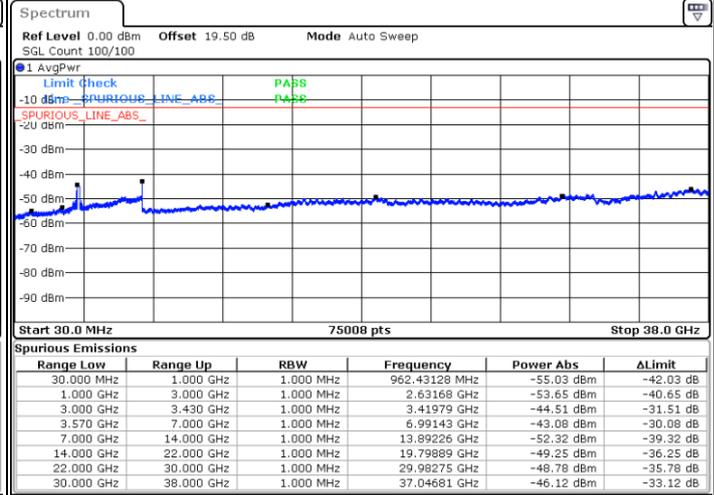
LTE Band 42 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

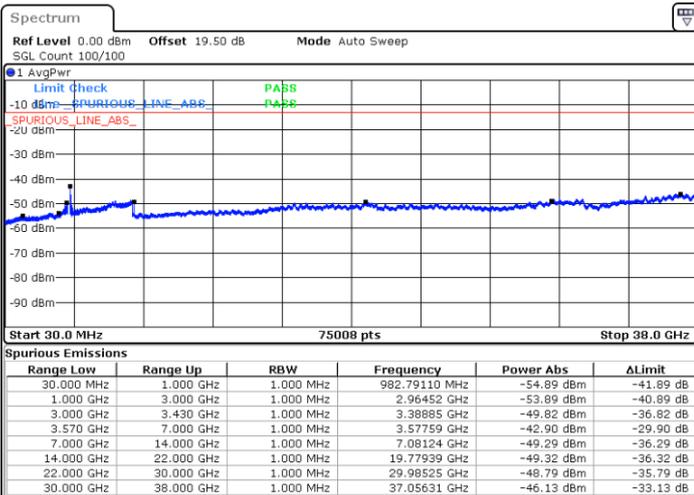


Date: 18.OCT.2021 10:13:32



Date: 18.OCT.2021 10:20:59

Highest Channel / 64QAM



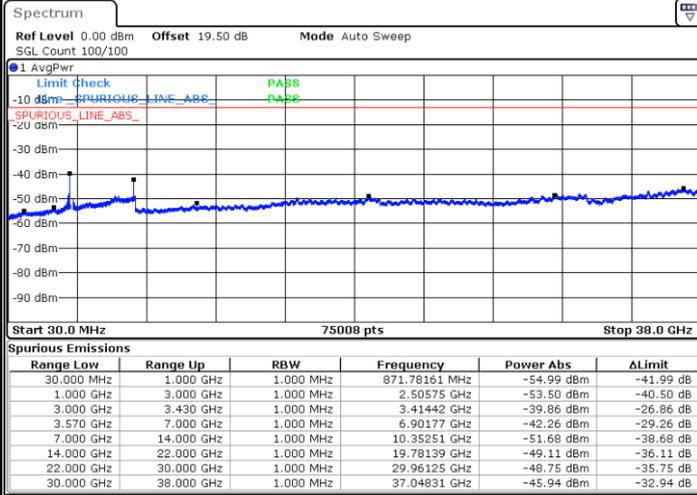
Date: 18.OCT.2021 10:22:28



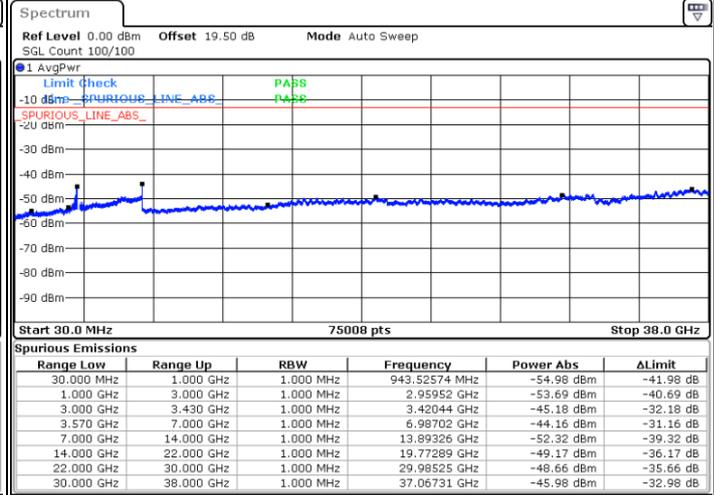
LTE Band 42 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

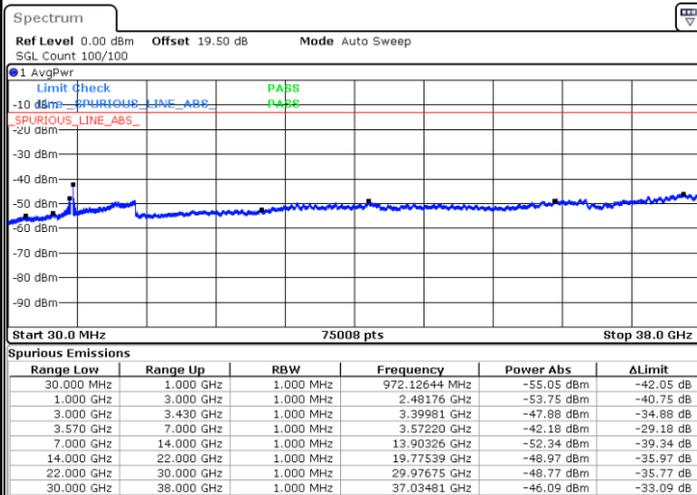


Date: 18.OCT.2021 10:29:55



Date: 18.OCT.2021 10:31:24

Highest Channel / 64QAM



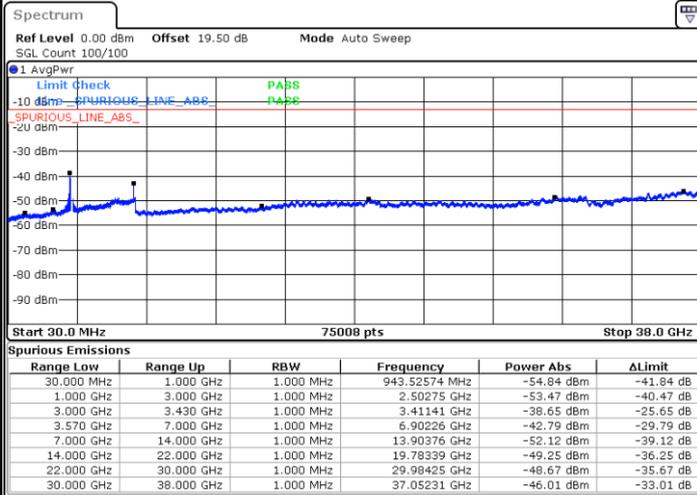
Date: 18.OCT.2021 10:38:51



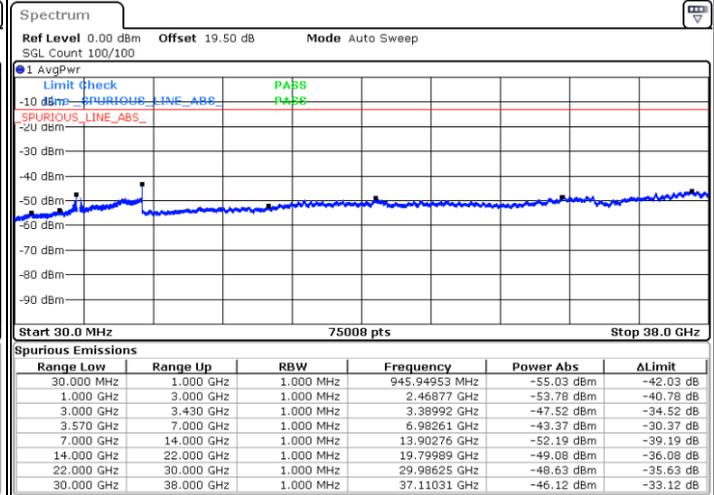
LTE Band 42 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

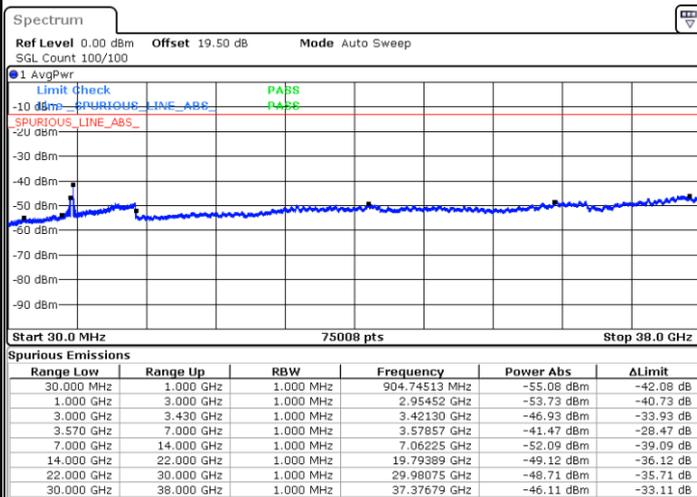


Date: 18.OCT.2021 10:40:20



Date: 18.OCT.2021 10:47:47

Highest Channel / 64QAM



Date: 18.OCT.2021 10:49:17

**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	0.0002	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0071	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0075	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

**Note:**

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9 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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain ( dBi)	Polarization (H/V)
Middle	6984	-60.36	-13	-47.36	-69.48	1.58	10.70	H
	10476	-56.44	-13	-43.44	-66.84	2.10	12.50	H
	13962	-44.43	-13	-31.43	-55.47	2.86	13.90	H
	6984	-61.41	-13	-48.41	-70.53	1.58	10.70	V
	10476	-58.27	-13	-45.27	-68.67	2.10	12.50	V
	13962	-48.10	-13	-35.10	-59.14	2.86	13.90	V

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