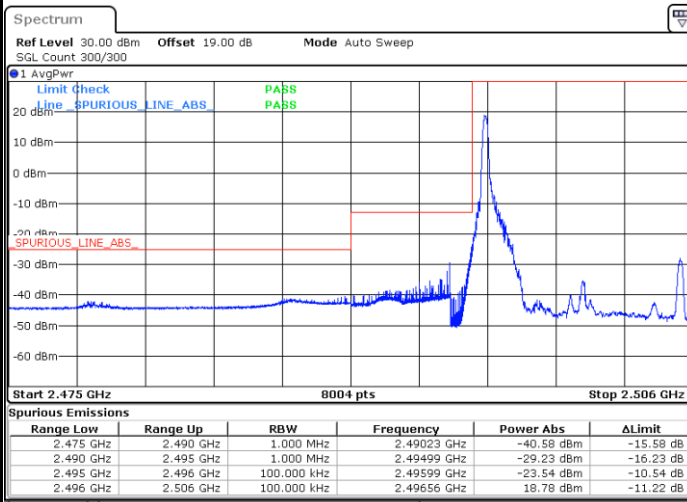




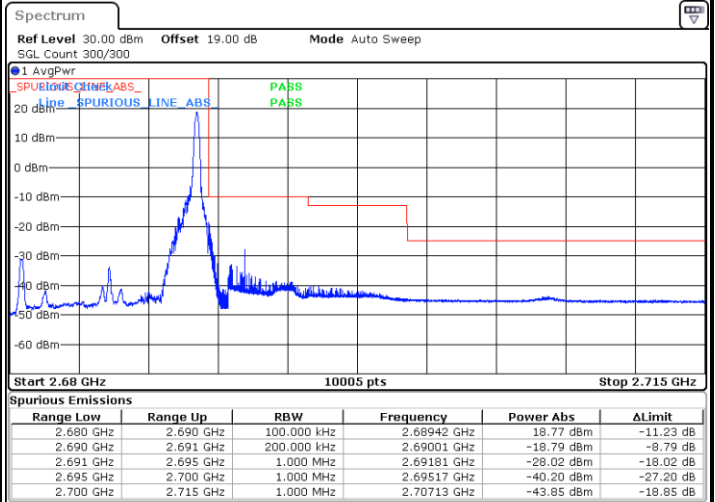
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



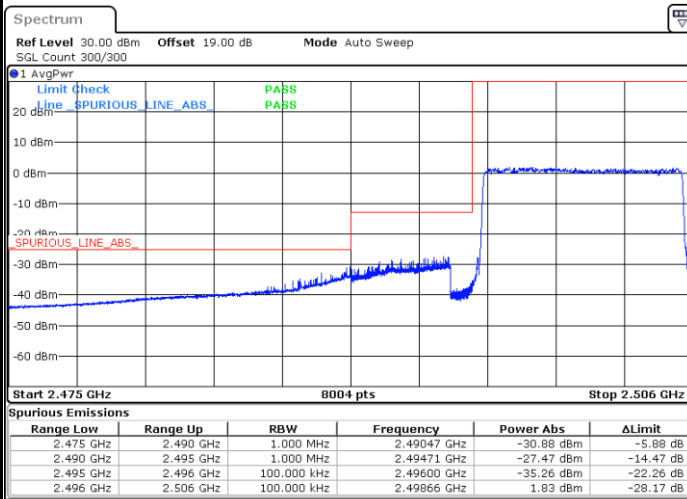
Date: 3.MAR.2022 18:43:08

Highest Band Edge / 1 RB



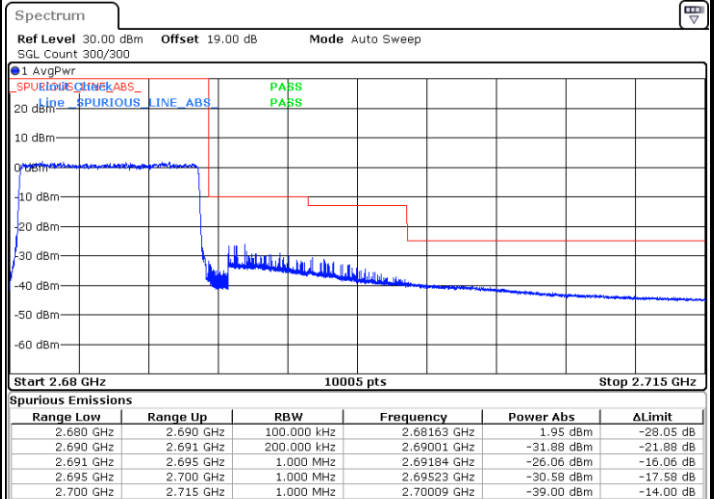
Date: 3.MAR.2022 18:46:34

Lowest Band Edge / Full RB



Date: 3.MAR.2022 18:44:51

Highest Band Edge / Full RB

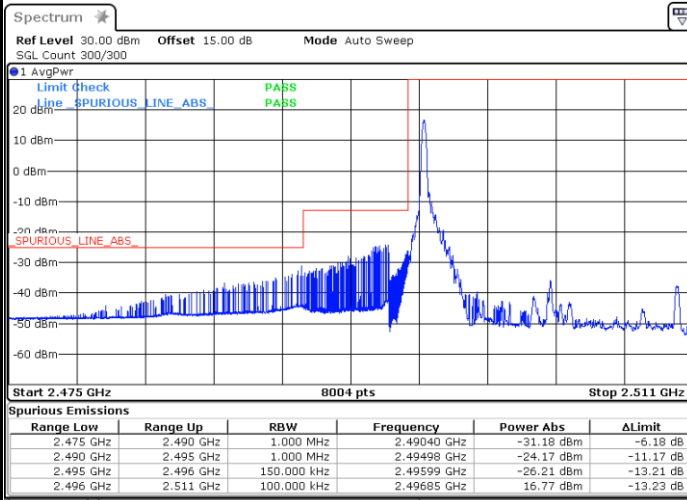


Date: 3.MAR.2022 18:48:16



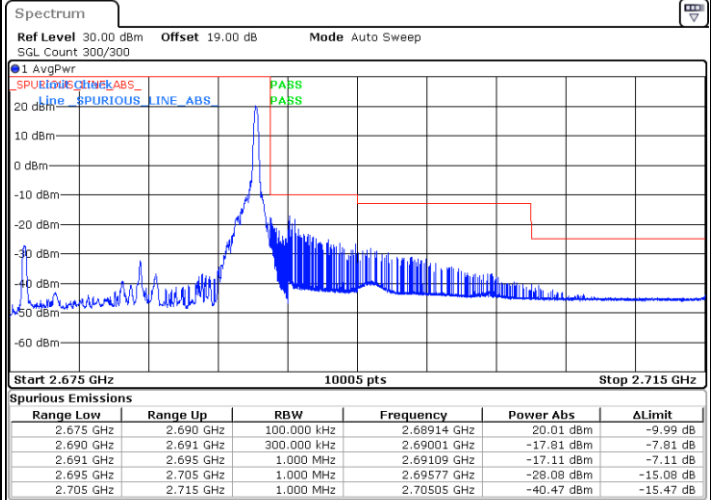
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



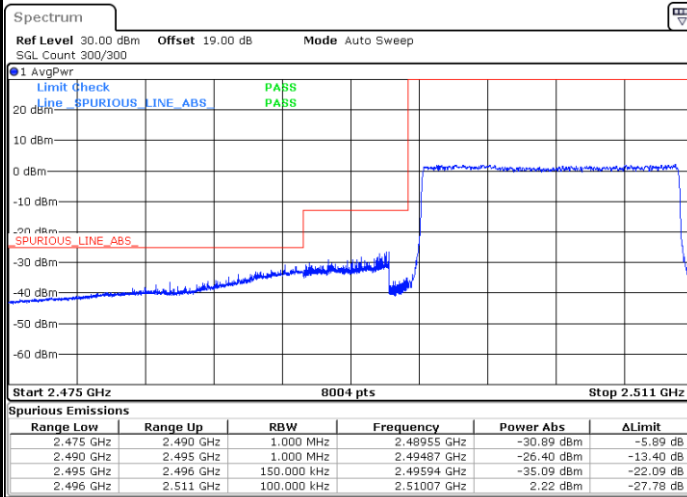
Date: 4.MAR.2022 08:42:14

Highest Band Edge / 1 RB



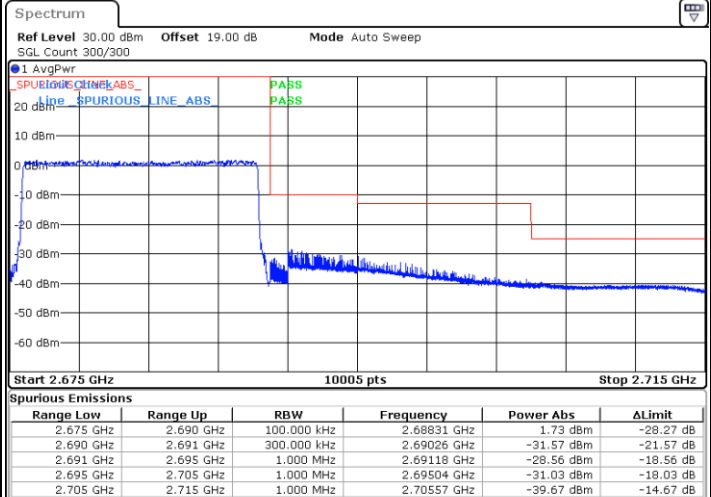
Date: 3.MAR.2022 17:44:42

Lowest Band Edge / Full RB



Date: 3.MAR.2022 17:41:17

Highest Band Edge / Full RB

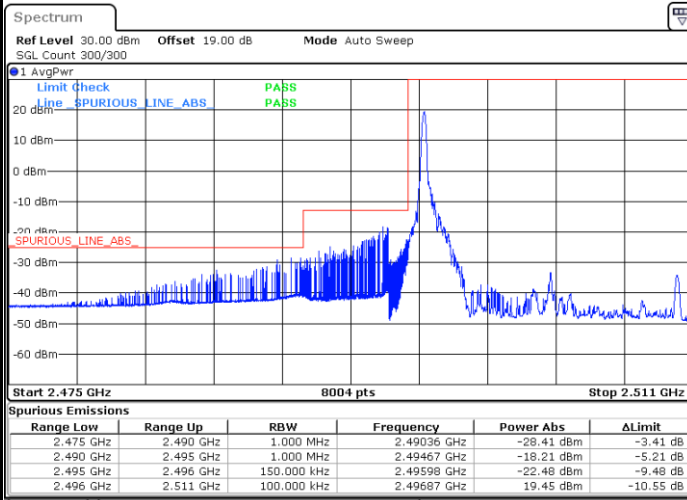


Date: 3.MAR.2022 17:48:07



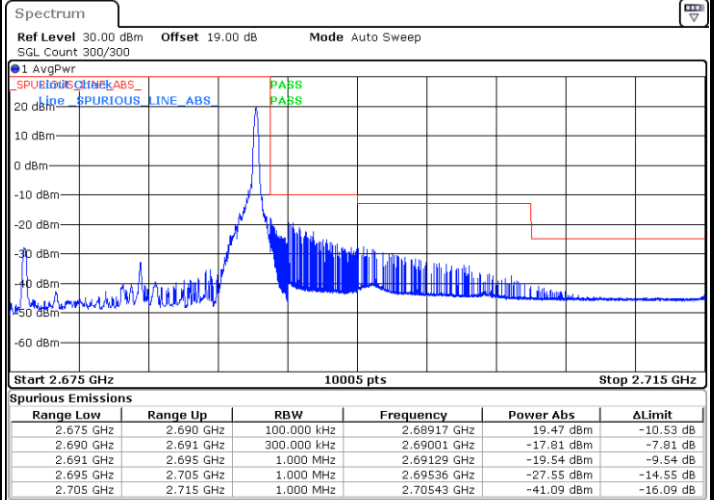
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



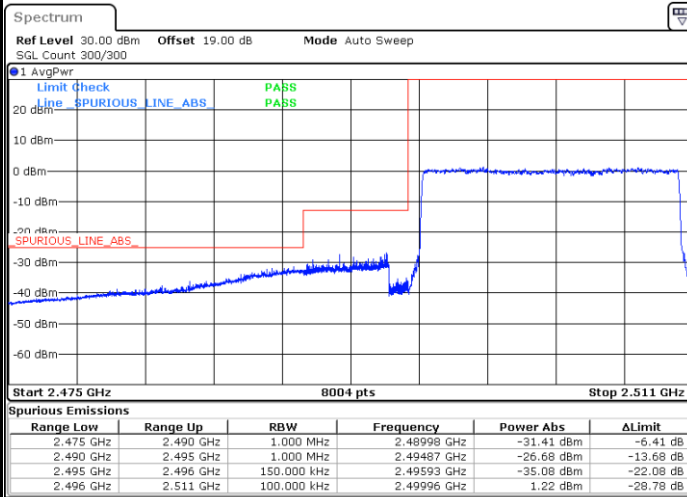
Date: 3.MAR.2022 17:39:34

Highest Band Edge / 1 RB



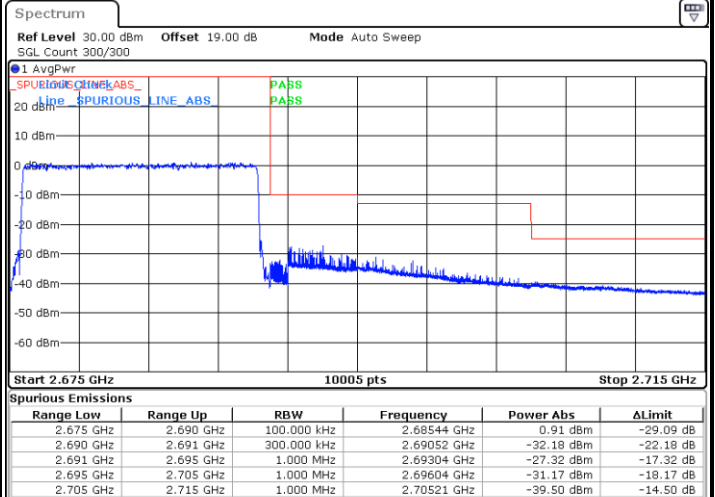
Date: 3.MAR.2022 17:46:25

Lowest Band Edge / Full RB



Date: 3.MAR.2022 17:43:00

Highest Band Edge / Full RB

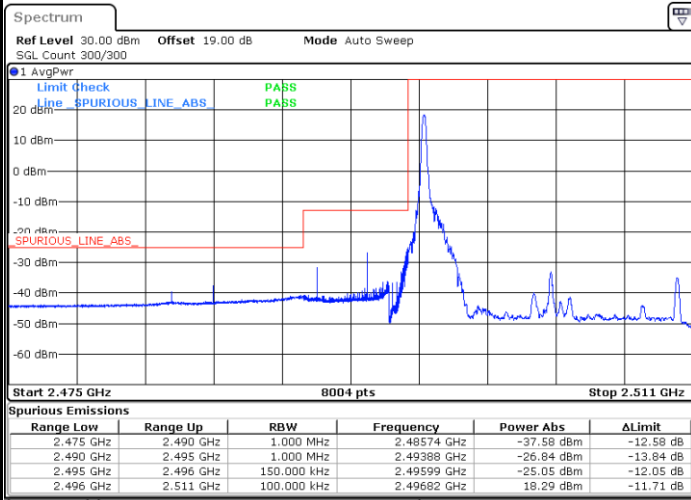


Date: 3.MAR.2022 17:49:50



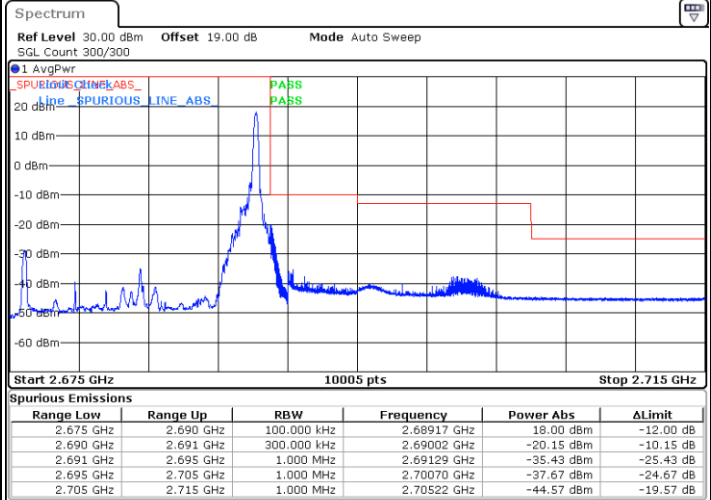
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



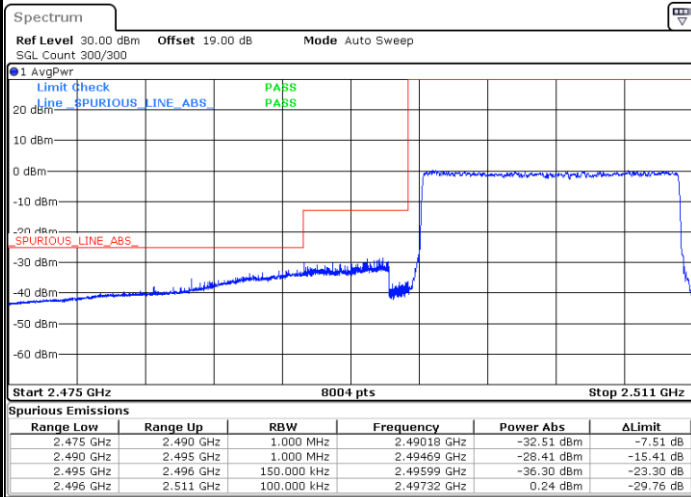
Date: 3.MAR.2022 18:50:00

Highest Band Edge / 1 RB



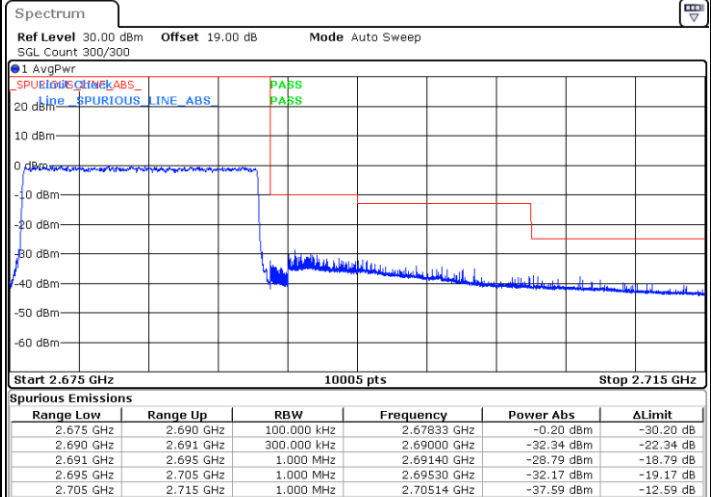
Date: 3.MAR.2022 18:53:25

Lowest Band Edge / Full RB



Date: 3.MAR.2022 18:51:43

Highest Band Edge / Full RB

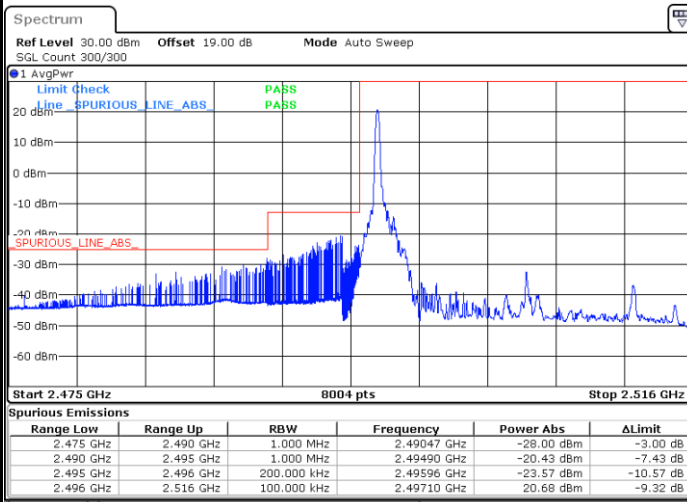


Date: 3.MAR.2022 18:55:08



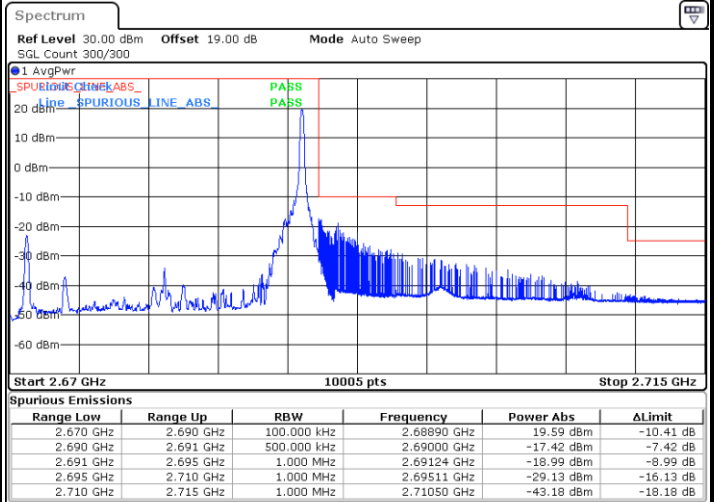
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



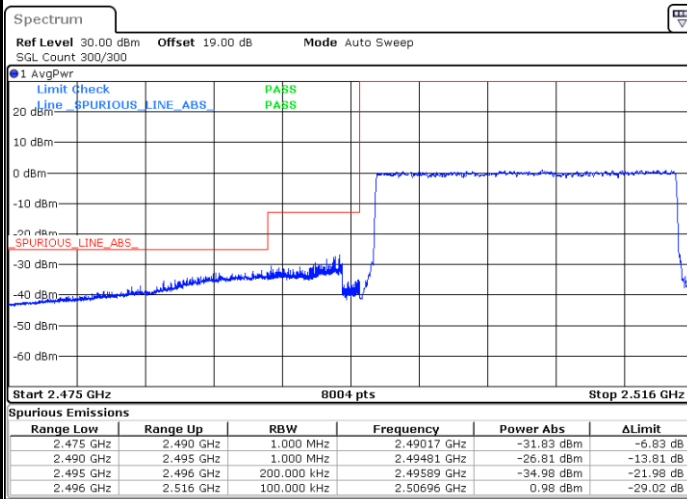
Date: 3.MAR.2022 17:51:33

Highest Band Edge / 1 RB



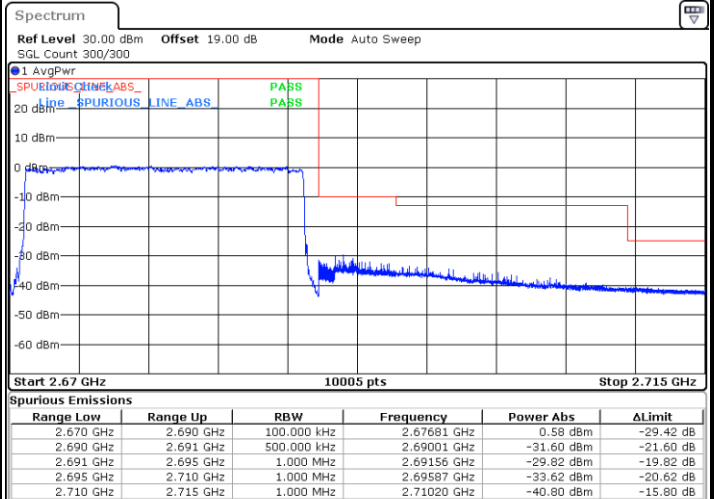
Date: 3.MAR.2022 17:58:24

Lowest Band Edge / Full RB



Date: 3.MAR.2022 17:54:59

Highest Band Edge / Full RB

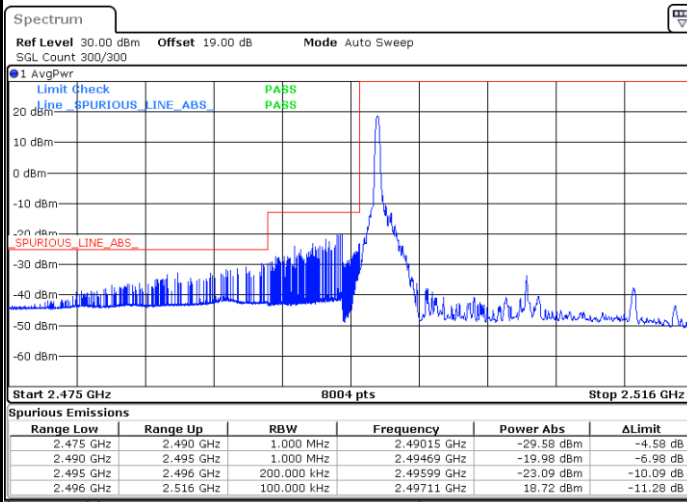


Date: 3.MAR.2022 18:03:32



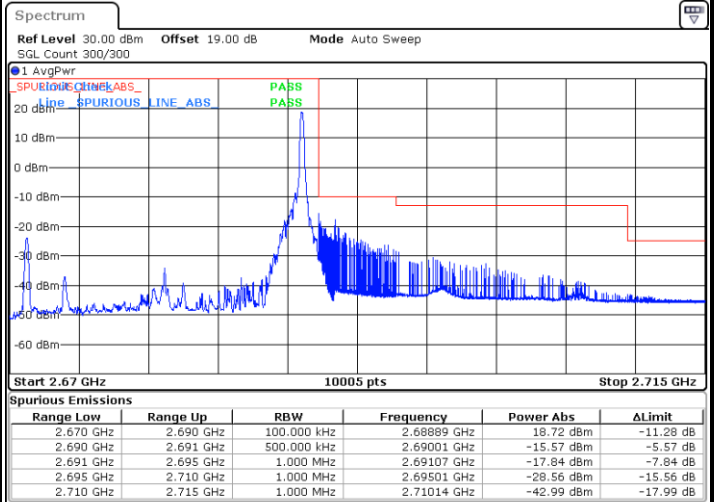
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



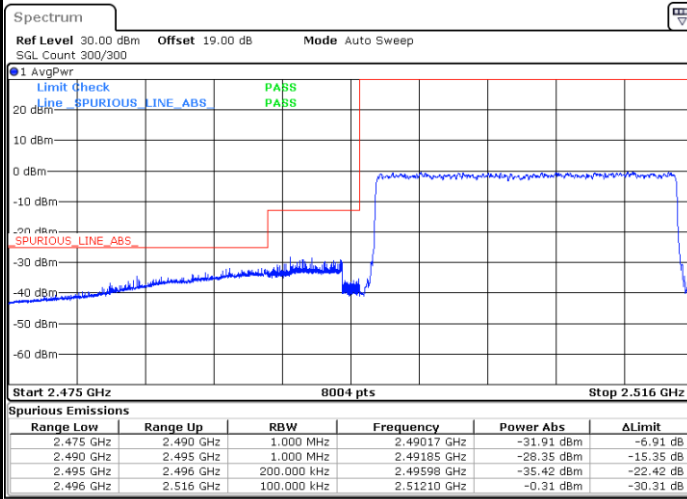
Date: 3.MAR.2022 17:53:16

Highest Band Edge / 1 RB



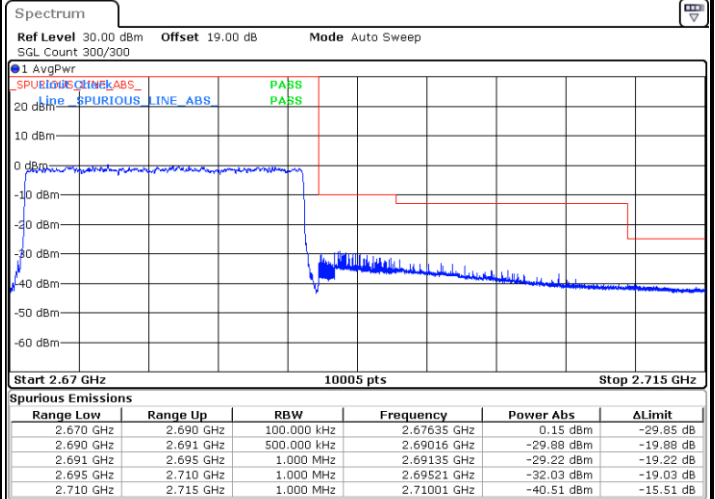
Date: 3.MAR.2022 18:00:07

Lowest Band Edge / Full RB



Date: 3.MAR.2022 17:56:42

Highest Band Edge / Full RB

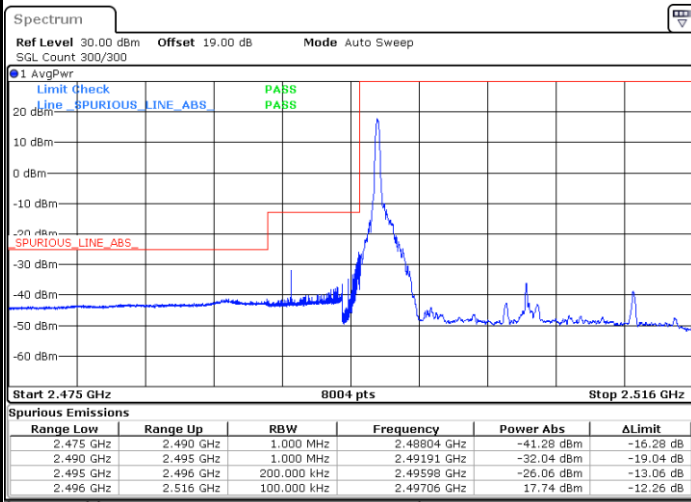


Date: 3.MAR.2022 18:01:49



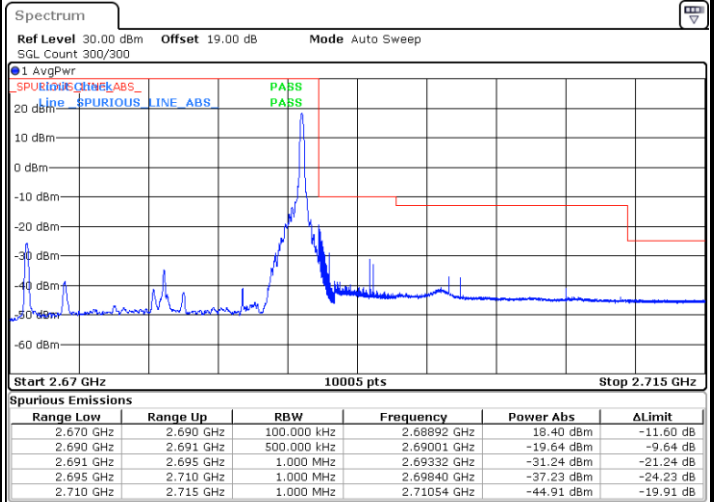
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



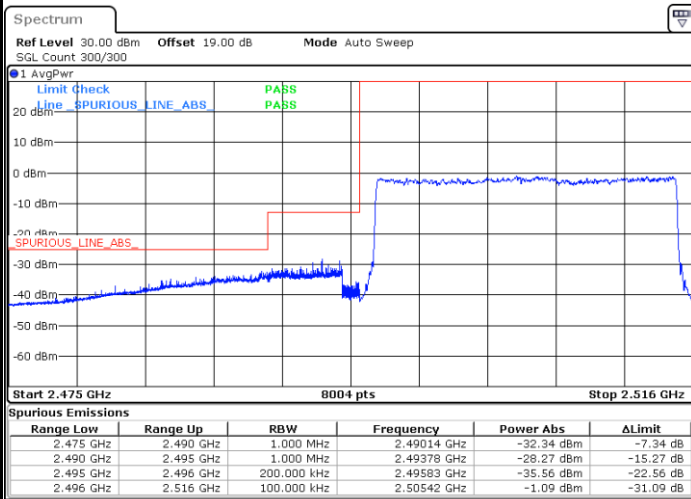
Date: 3.MAR.2022 18:56:51

Highest Band Edge / 1 RB



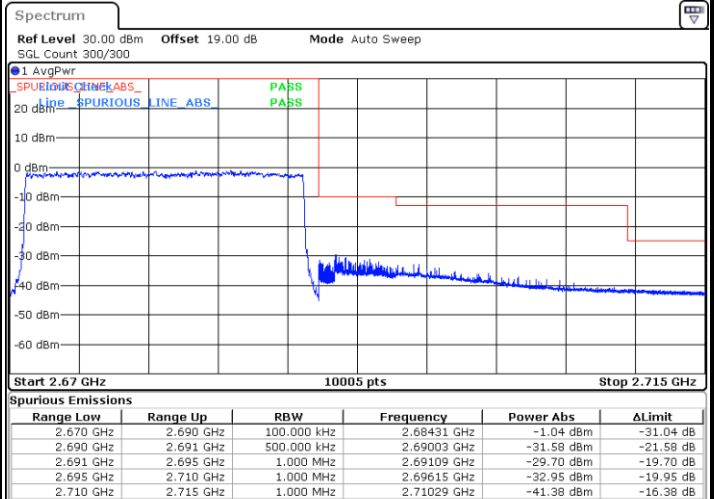
Date: 3.MAR.2022 19:00:17

Lowest Band Edge / Full RB



Date: 3.MAR.2022 18:58:34

Highest Band Edge / Full RB

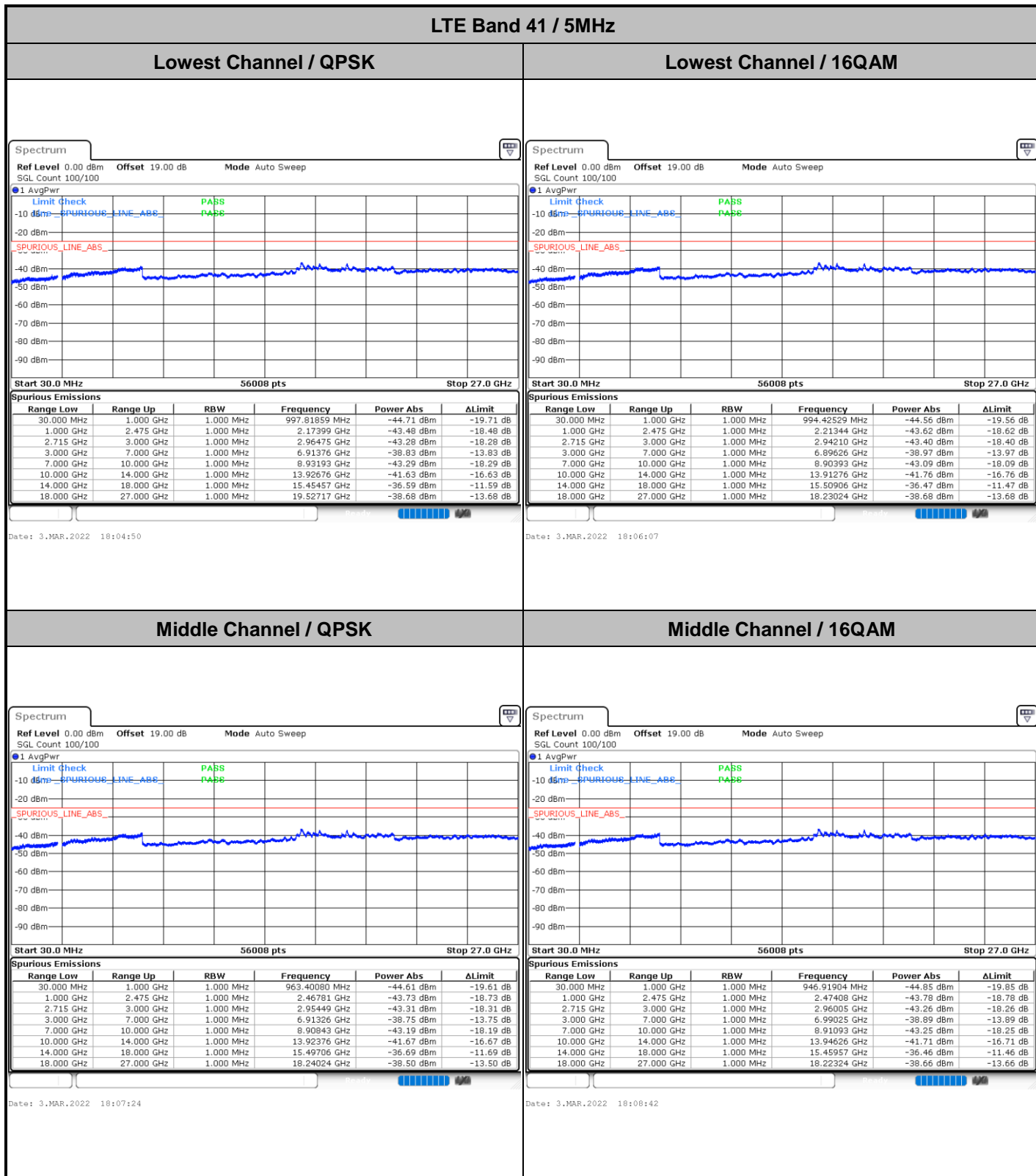


Date: 3.MAR.2022 19:01:59





# Conducted Spurious Emission

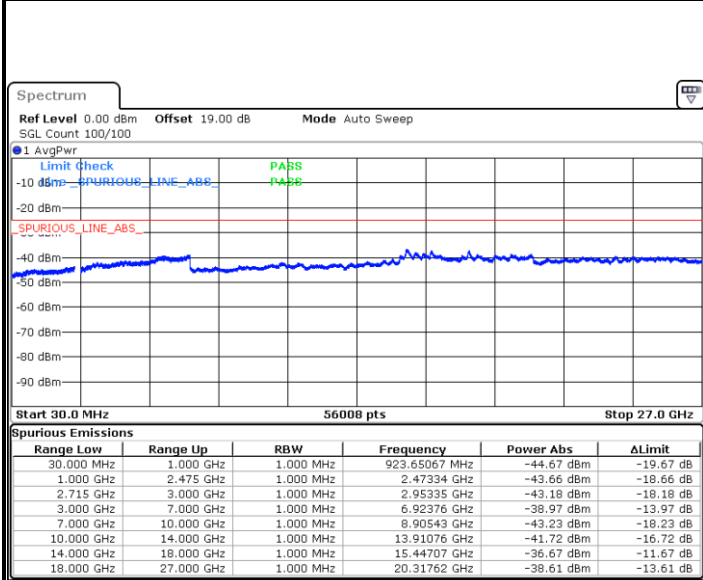






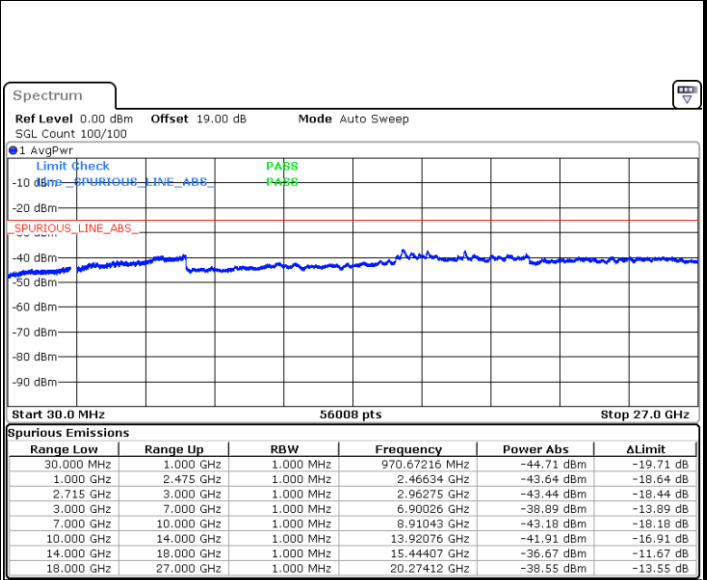
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 3.MAR.2022 18:09:59

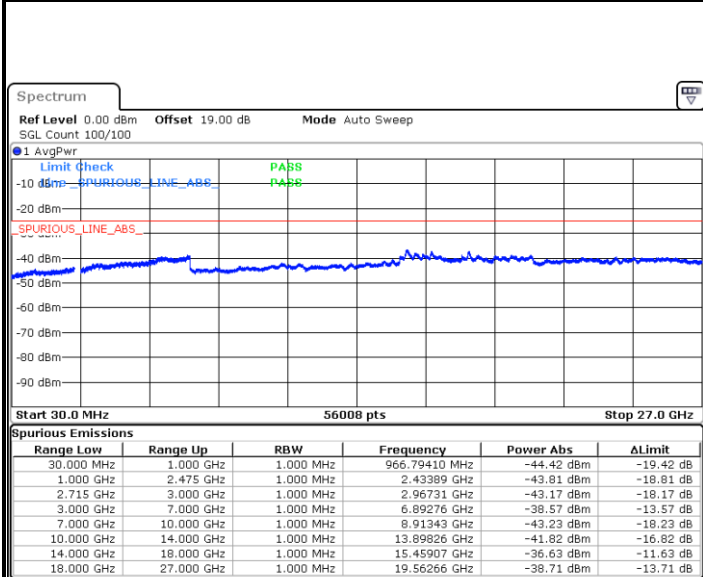
Highest Channel / 16QAM



Date: 3.MAR.2022 18:11:17

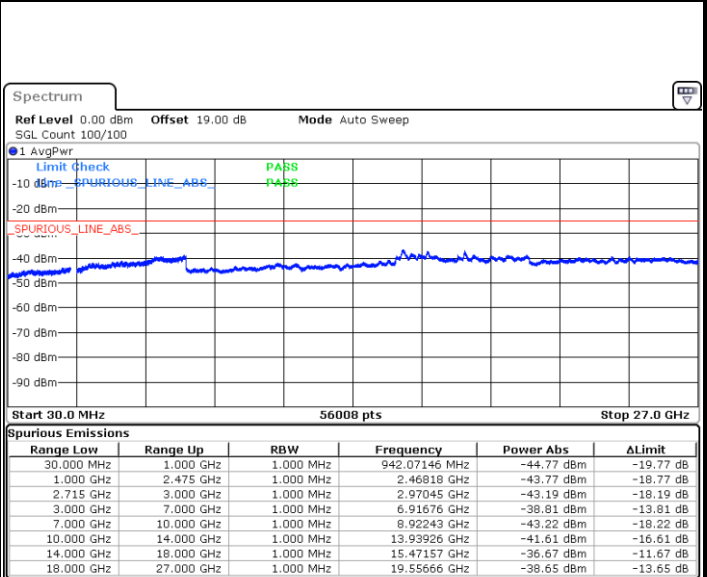
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 3.MAR.2022 18:12:35

Lowest Channel / 16QAM



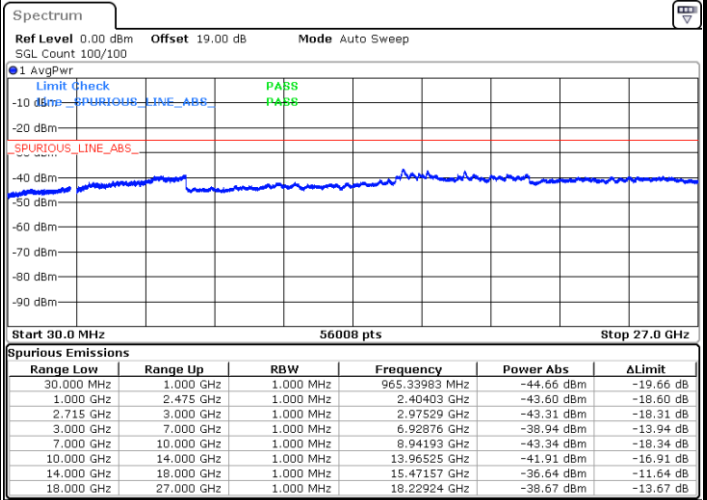
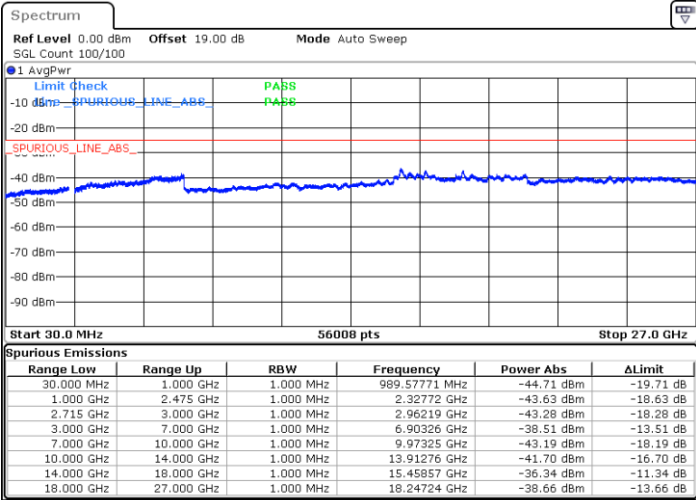
Date: 3.MAR.2022 18:13:53



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

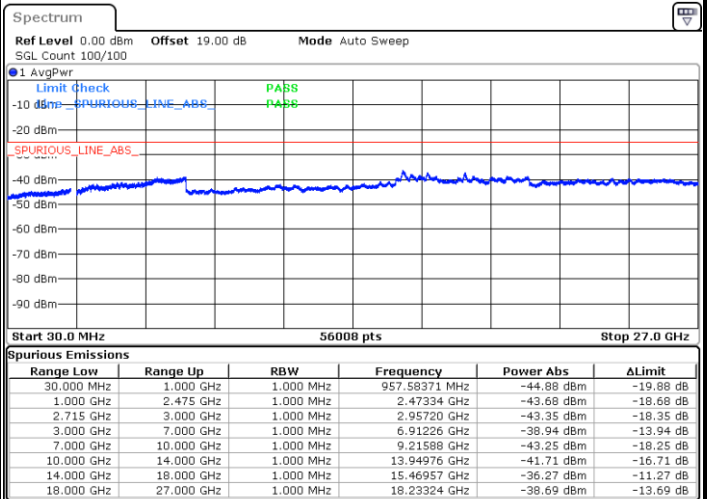
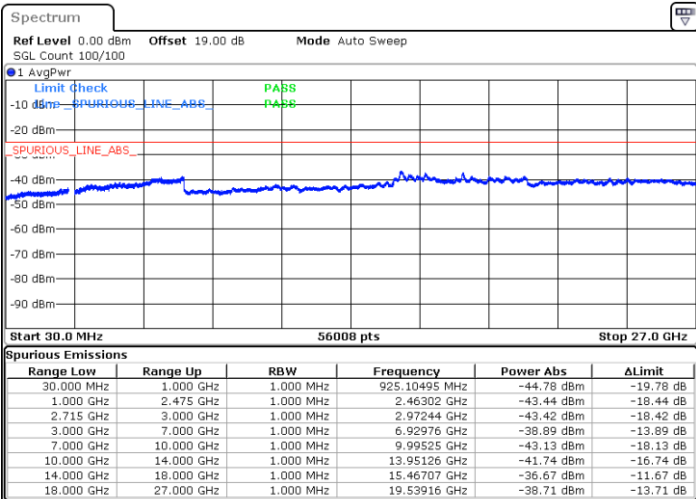


Date: 3.MAR.2022 18:15:10

Date: 3.MAR.2022 18:16:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.MAR.2022 18:17:44

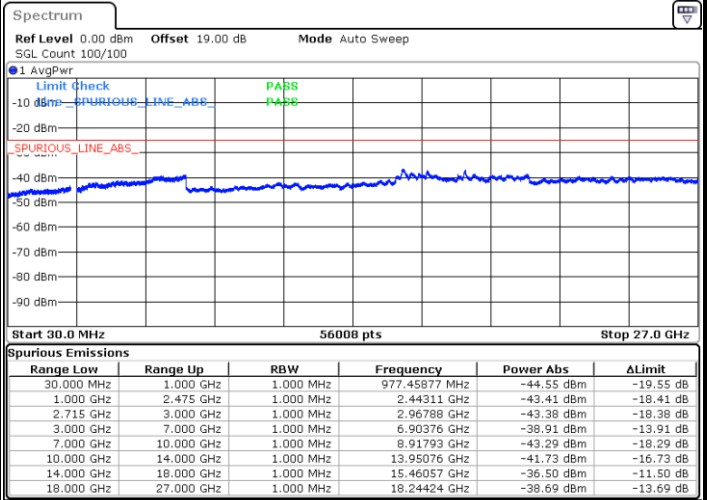
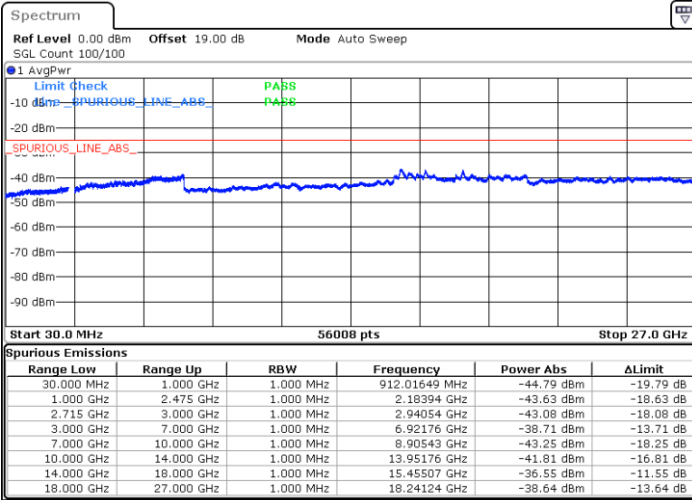
Date: 3.MAR.2022 18:19:02



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

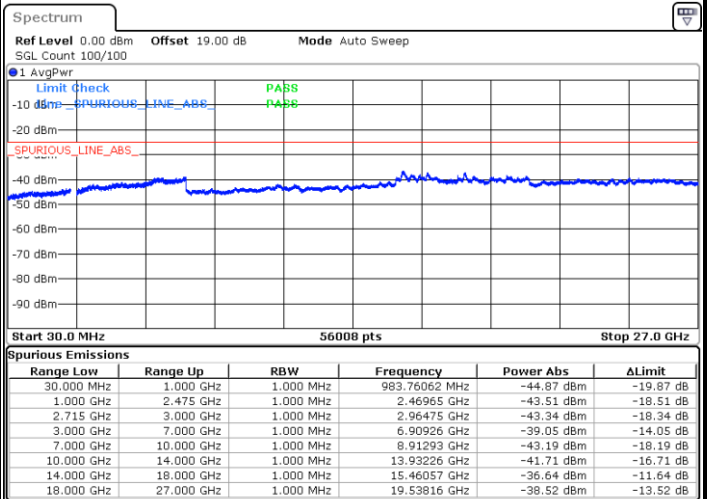
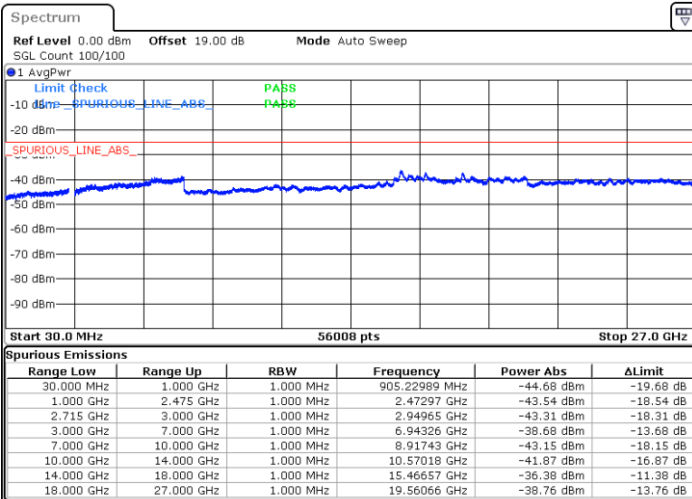


Date: 3.MAR.2022 18:20:20

Date: 3.MAR.2022 18:21:37

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.MAR.2022 18:22:55

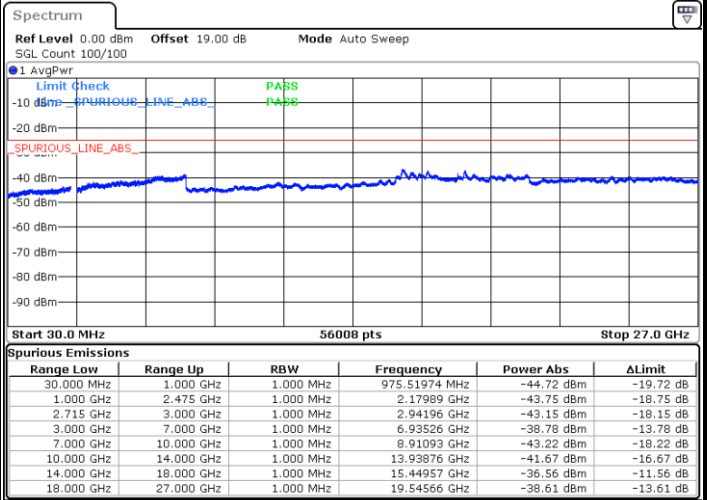
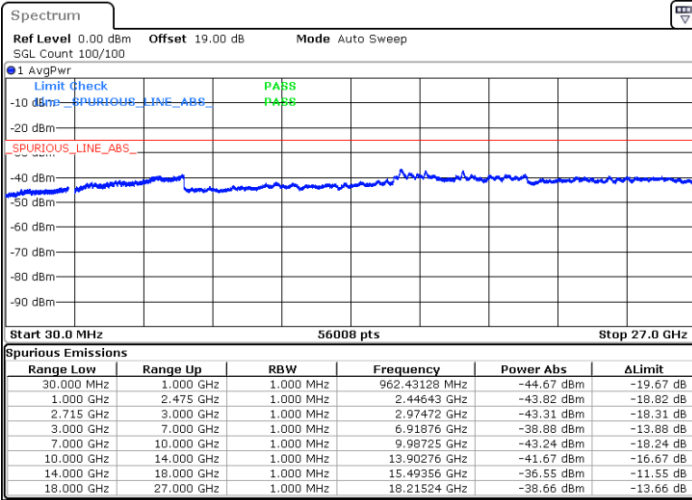
Date: 3.MAR.2022 18:24:12



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



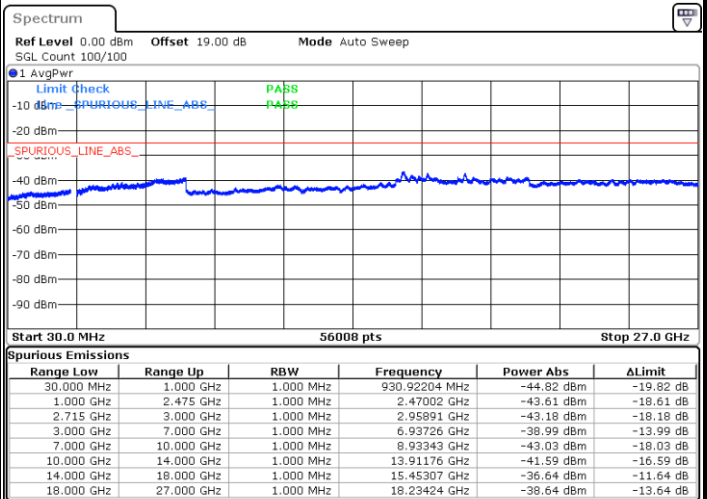
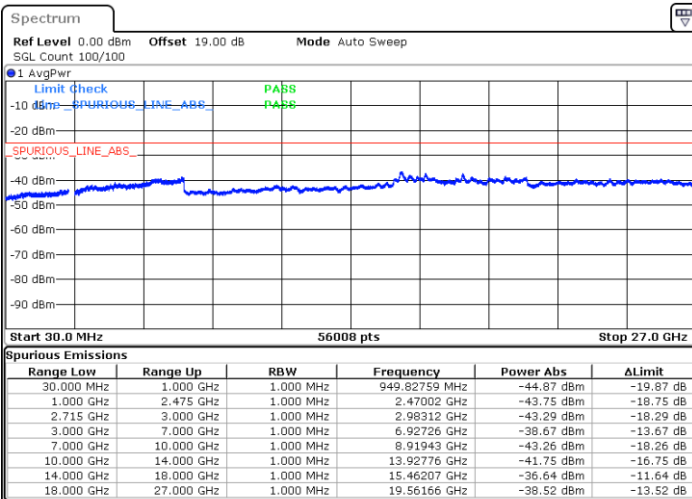
Date: 3.MAR.2022 18:25:29

Date: 3.MAR.2022 18:26:47

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.MAR.2022 18:28:05

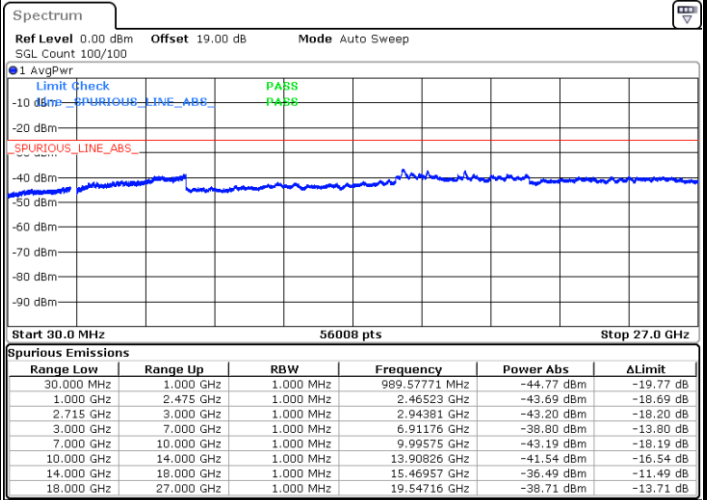
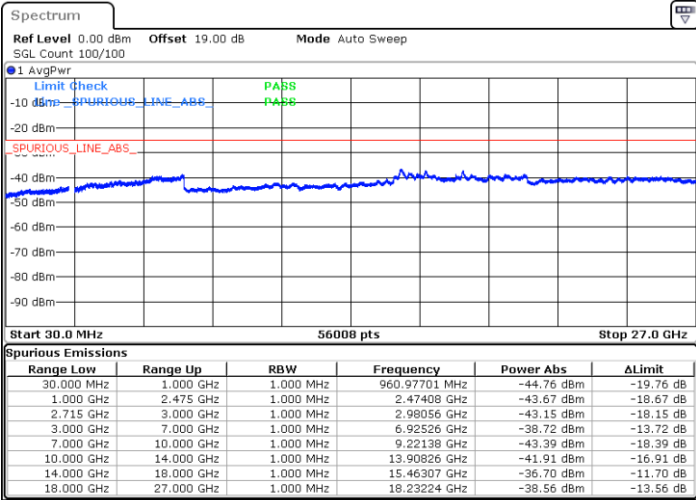
Date: 3.MAR.2022 18:29:23



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

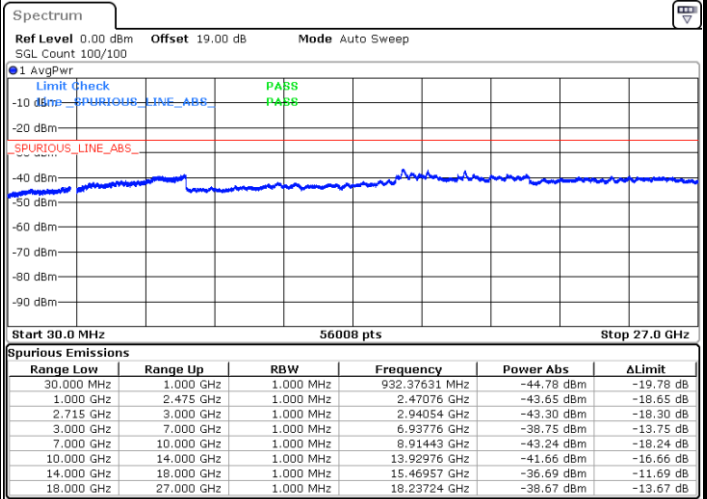
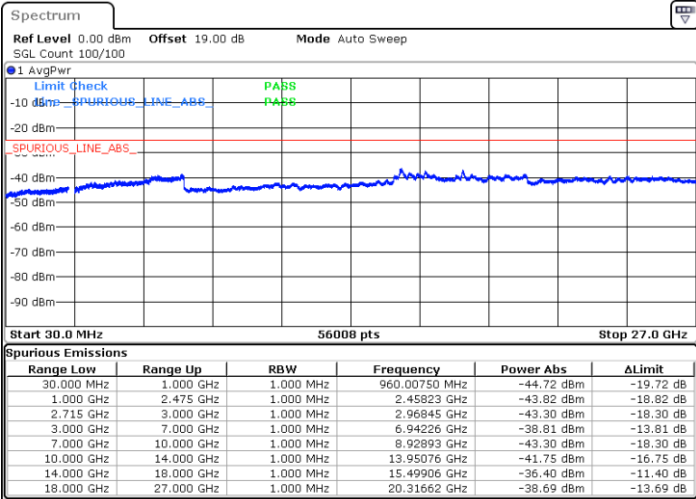


Date: 3.MAR.2022 18:30:40

Date: 3.MAR.2022 18:31:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.MAR.2022 18:33:15

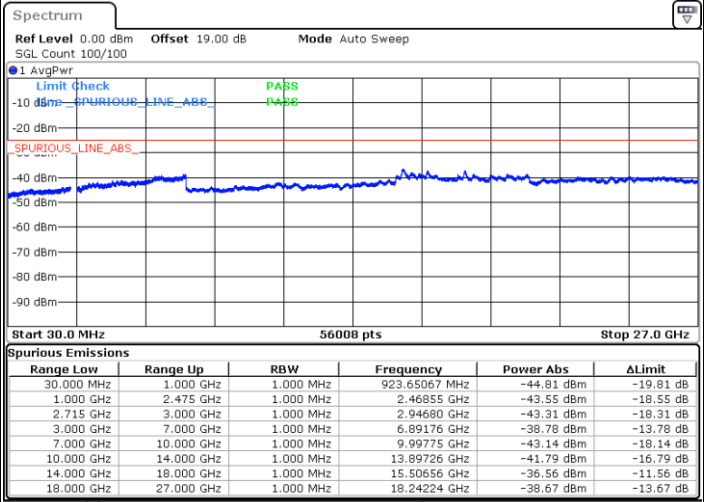
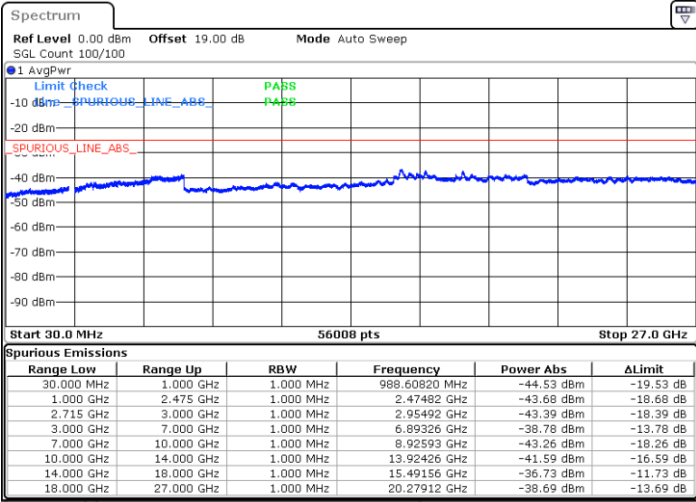
Date: 3.MAR.2022 18:34:32



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

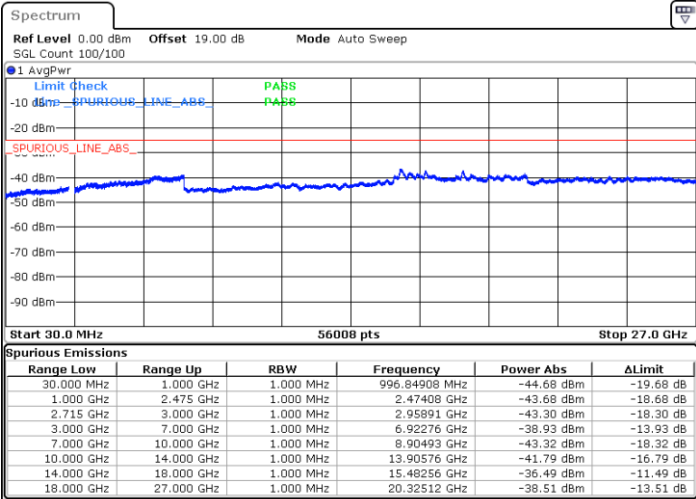
Middle Channel / 64QAM



Date: 3.MAR.2022 19:03:17

Date: 3.MAR.2022 19:04:34

Highest Channel / 64QAM



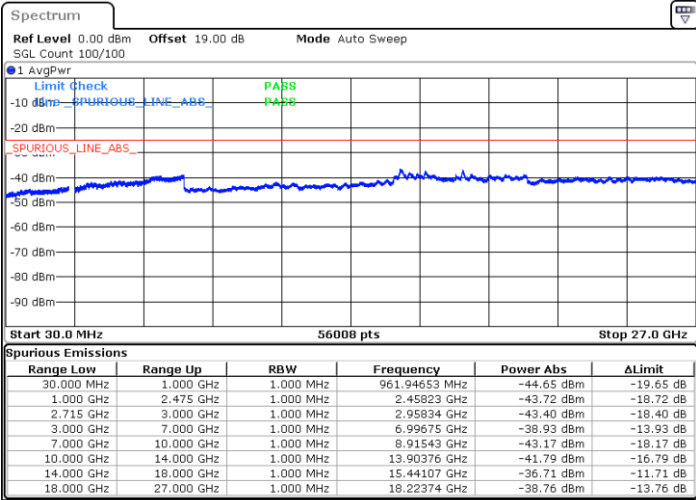
Date: 3.MAR.2022 19:05:51



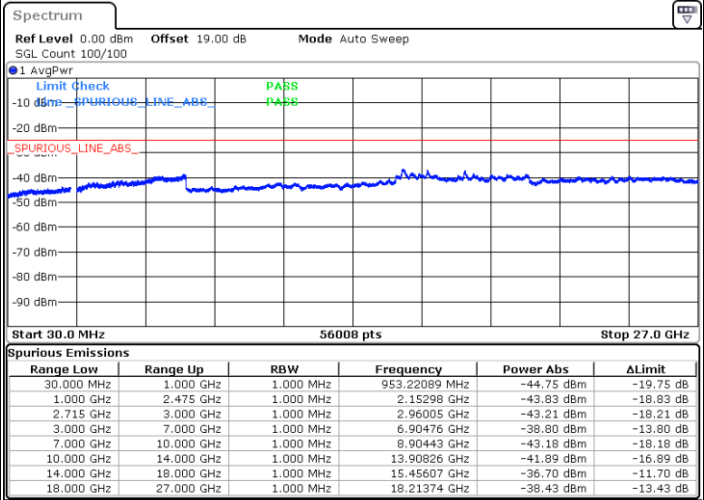
LTE Band 41 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

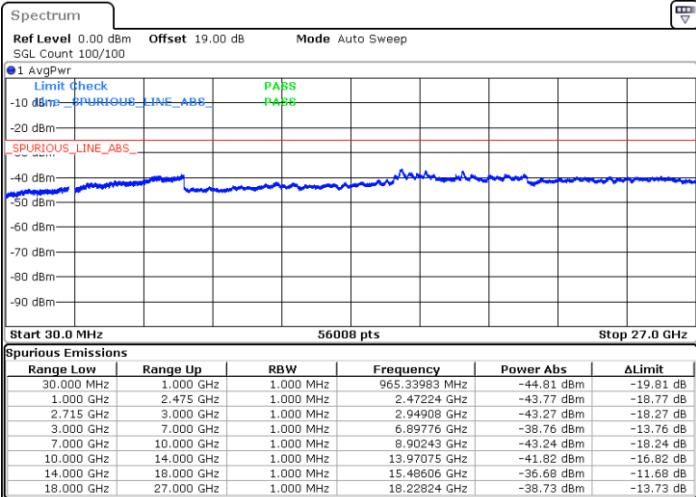


Date: 3.MAR.2022 19:07:09



Date: 3.MAR.2022 19:08:26

Highest Channel / 64QAM



Date: 3.MAR.2022 19:09:43

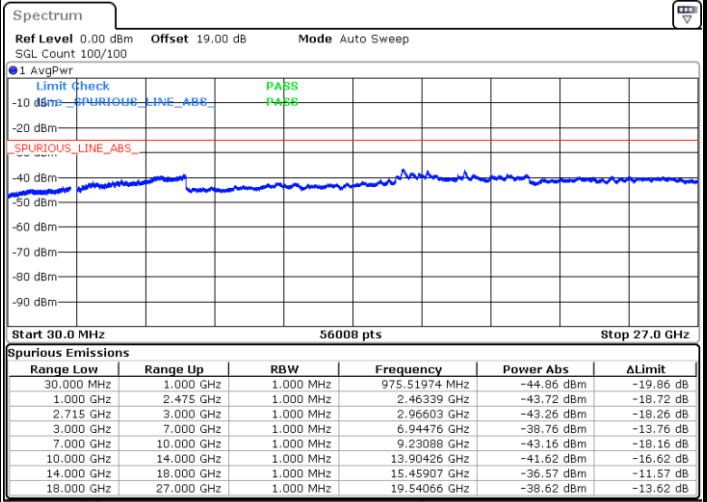
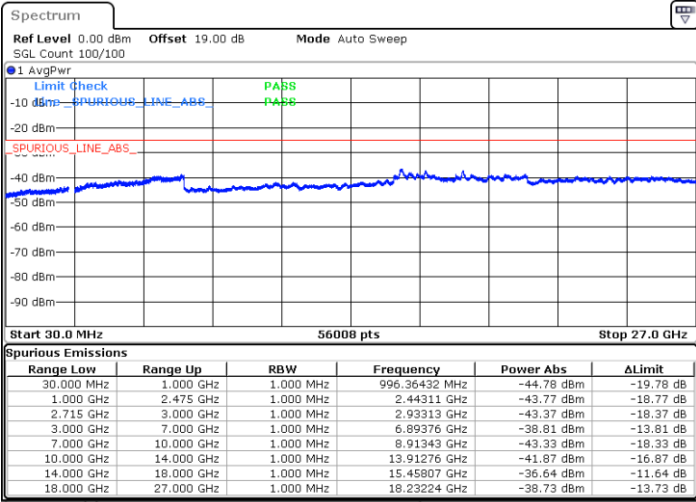




LTE Band 41 / 15MHz

Lowest Channel / 64QAM

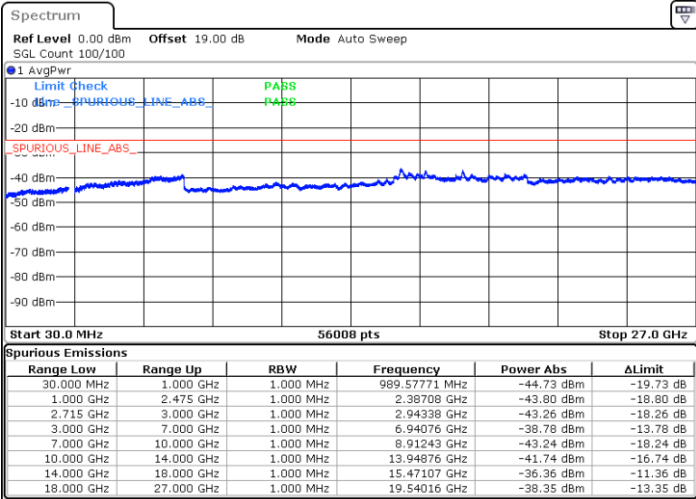
Middle Channel / 64QAM



Date: 3.MAR.2022 19:11:01

Date: 3.MAR.2022 19:12:19

Highest Channel / 64QAM



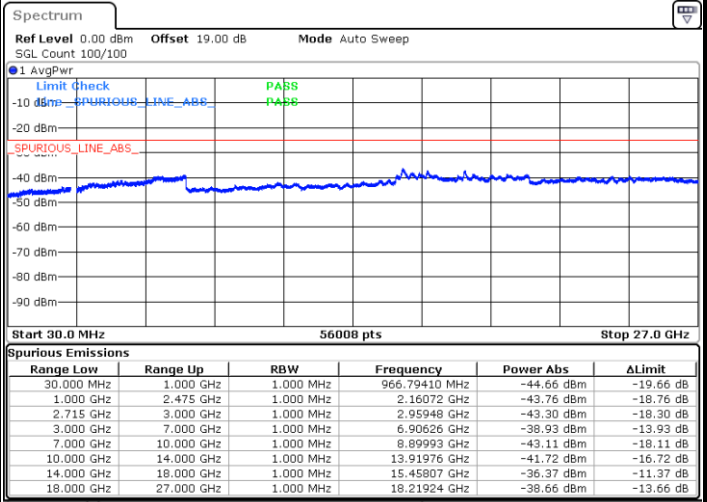
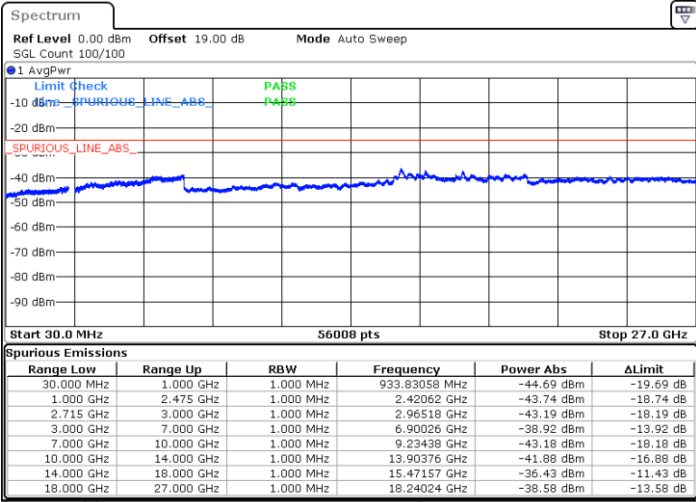
Date: 3.MAR.2022 19:13:36



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

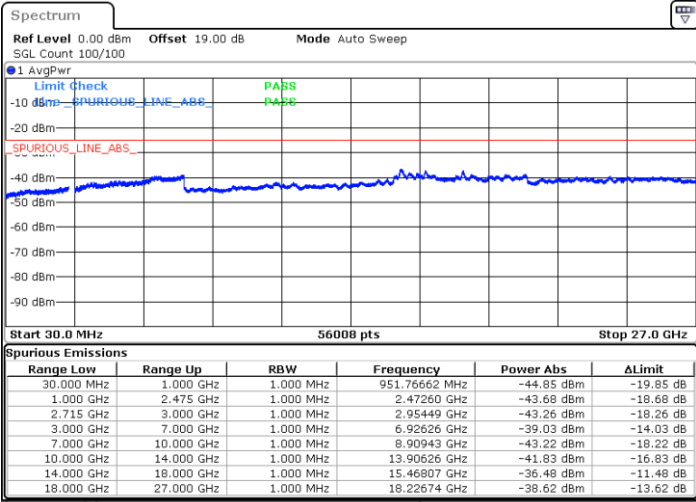
Middle Channel / 64QAM



Date: 3.MAR.2022 19:14:54

Date: 3.MAR.2022 19:16:11

Highest Channel / 64QAM



Date: 3.MAR.2022 19:17:28



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0040	

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.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	ZhangXu	Temperature :	22~25°C
		Relative Humidity :	48~52%

**Sample 1 :**

LTE Band 41 / 20MHz / QPSK									
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	5168.18	-55.93	-25	-30.93	-79.85	-61.49	7.14	12.70	H
	7752.27	-55.56	-25	-30.56	-81.13	-58.86	8.30	11.60	H
	10336.36	-51.68	-25	-26.68	-82.27	-53.20	10.48	12.00	H
	5168.18	-56.30	-25	-31.30	-80.72	-61.86	7.14	12.70	V
	7752.27	-51.89	-25	-26.89	-80.55	-55.19	8.30	11.60	V
	10336.36	-49.95	-25	-24.95	-82.29	-51.47	10.48	12.00	V

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

**Sample 2 :**

LTE Band 41 / 20MHz / QPSK									
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	5168.18	-57.03	-25	-32.03	-80.95	-62.59	7.14	12.70	H
	7752.27	-55.77	-25	-30.77	-81.34	-59.07	8.30	11.60	H
	10336.36	-52.34	-25	-27.34	-82.93	-53.86	10.48	12.00	H
	5168.18	-56.85	-25	-31.85	-81.27	-62.41	7.14	12.70	V
	7752.27	-52.16	-25	-27.16	-80.82	-55.46	8.30	11.60	V
	10336.36	-50.38	-25	-25.38	-82.72	-51.90	10.48	12.00	V

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