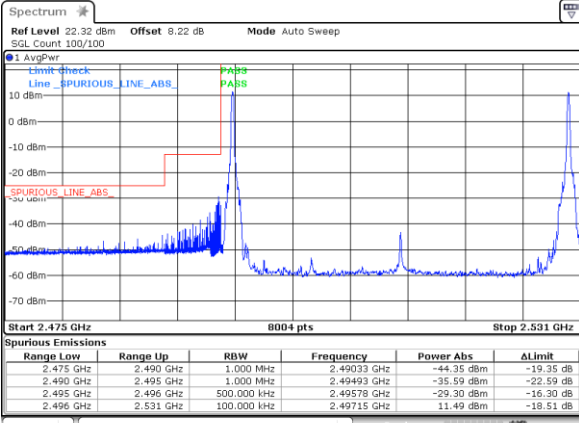




LTE Band 41C / 15MHz+20MHz

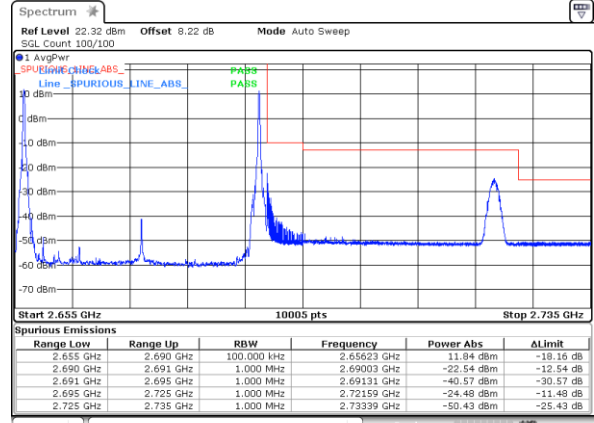
64QAM

Lowest Band Edge / 1RB0 and 1RB9



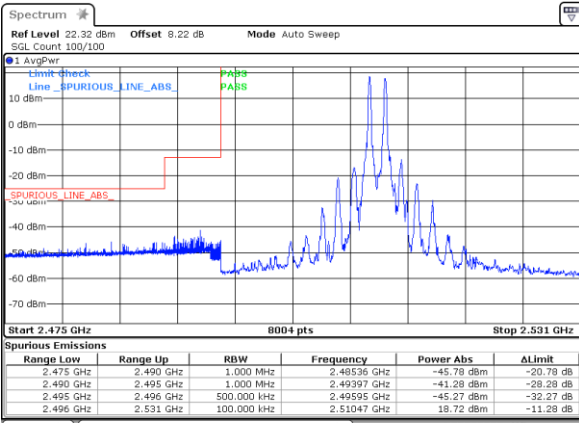
Date: 2.APR.2021 23:49:20

Highest Band Edge / 1RB0 and 1RB9



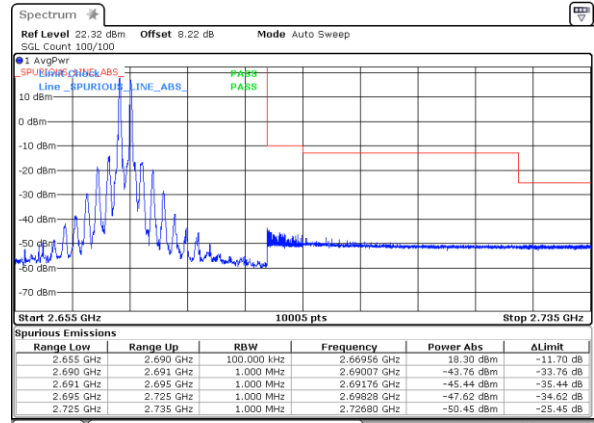
Date: 3.APR.2021 00:02:26

Lowest Band Edge / 1RB74and 1RB0



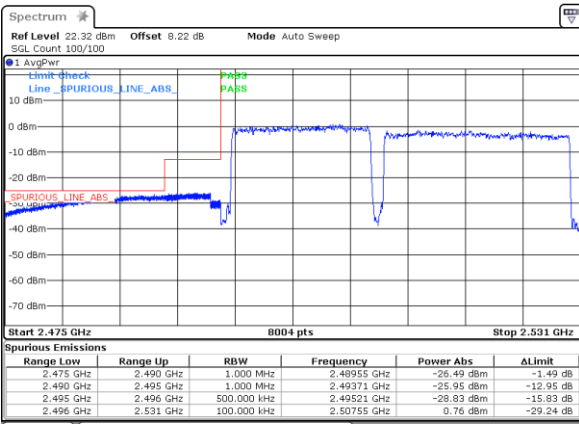
Date: 2.APR.2021 23:52:16

Highest Band Edge / 1RB74 and 1RB0



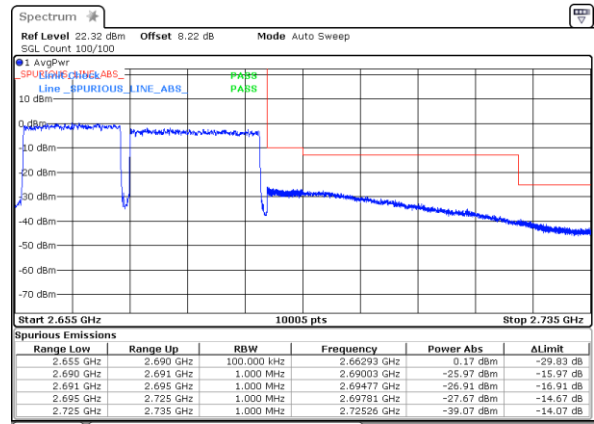
Date: 3.APR.2021 00:00:53

Lowest Band Edge / Full RB



Date: 2.APR.2021 23:47:08

Highest Band Edge / Full RB



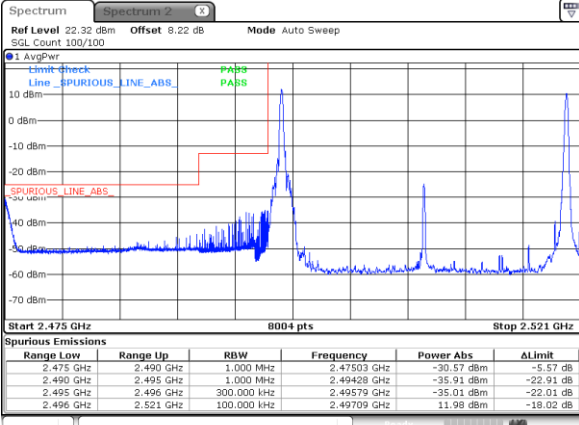
Date: 3.APR.2021 00:03:49



LTE Band 41C / 20MHz+5MHz

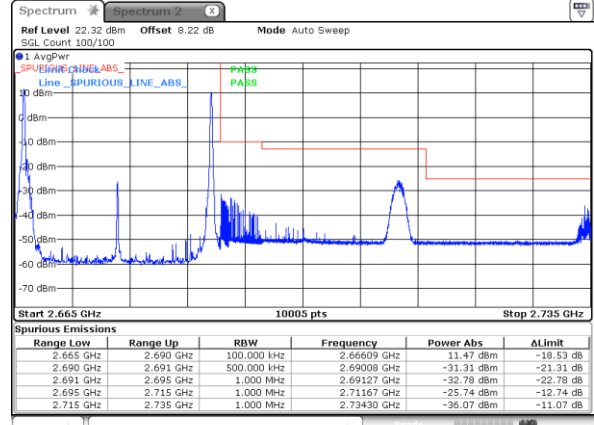
64QAM

Lowest Band Edge / 1RB0 and 1RB24



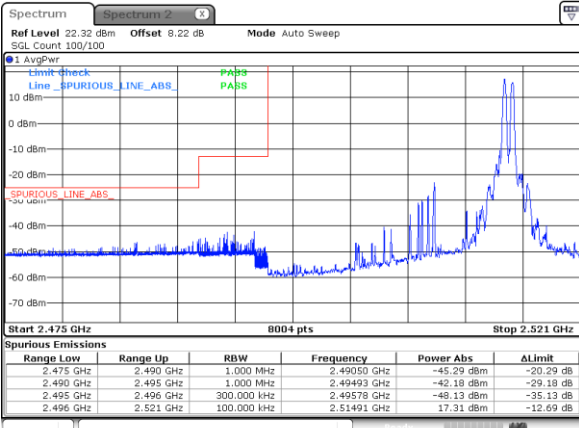
Date: 2.APR.2021 00:59:13

Highest Band Edge / 1RB0 and 1RB24



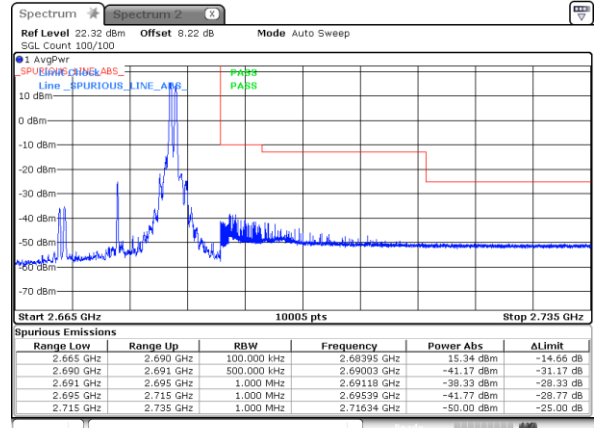
Date: 2.APR.2021 01:07:55

Lowest Band Edge / 1RB99 and 1RB0



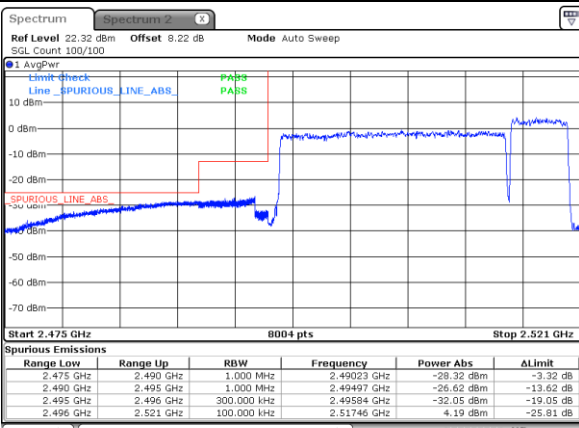
Date: 2.APR.2021 01:02:11

Highest Band Edge / 1RB99 and 1RB0



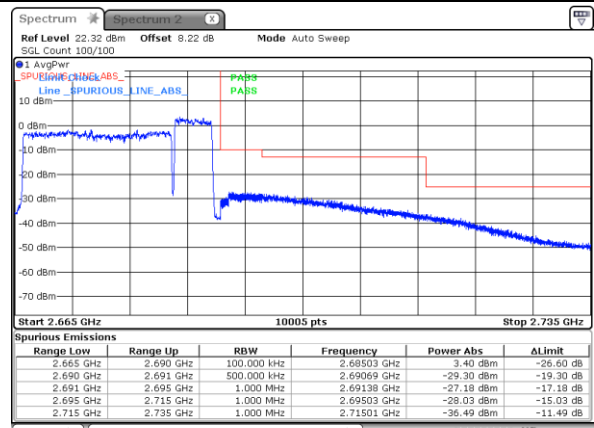
Date: 2.APR.2021 01:06:54

Lowest Band Edge / Full RB



Date: 2.APR.2021 00:58:00

Highest Band Edge / Full RB



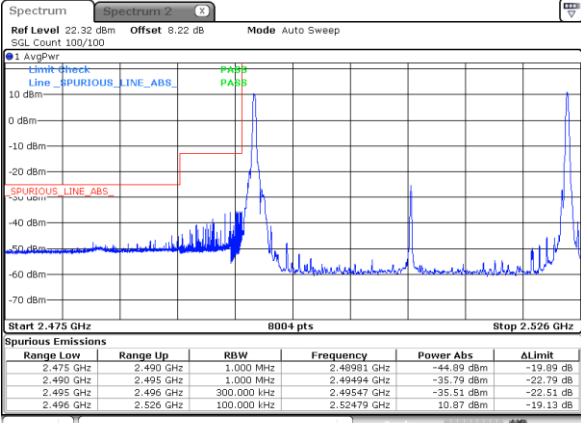
Date: 2.APR.2021 01:09:26



LTE Band 41C / 20MHz+10MHz

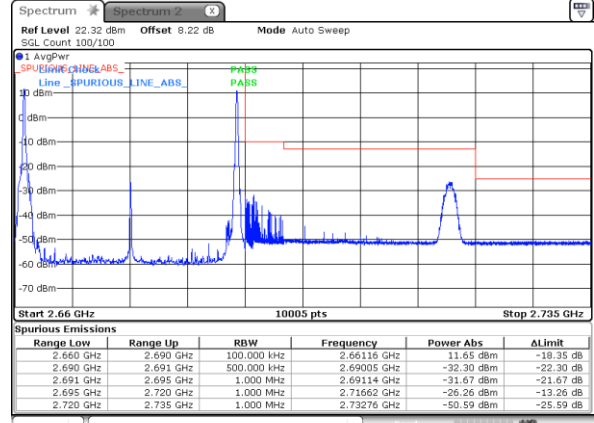
64QAM

Lowest Band Edge / 1RB0 and 1RB49



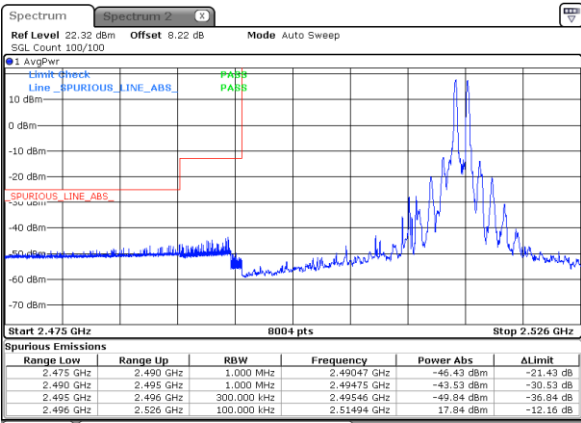
Date: 2.APR.2021 02:13:19

Highest Band Edge / 1RB0 and 1RB49



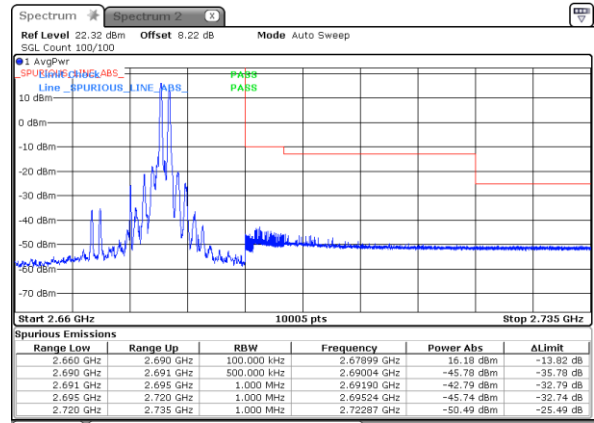
Date: 2.APR.2021 02:16:39

Lowest Band Edge / 1RB99 and 1RB0



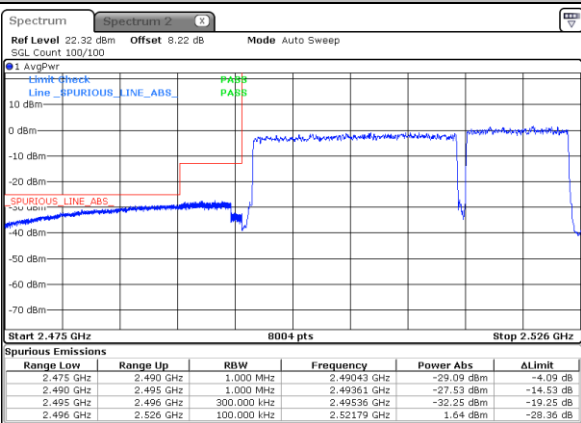
Date: 2.APR.2021 02:15:07

Highest Band Edge / 1RB99 and 1RB0



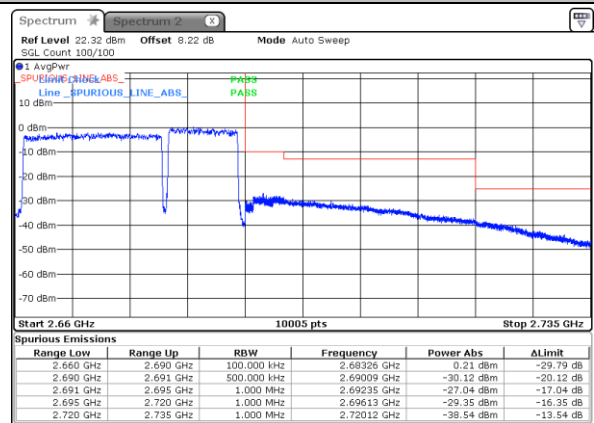
Date: 2.APR.2021 02:16:38

Lowest Band Edge / Full RB



Date: 2.APR.2021 02:13:28

Highest Band Edge / Full RB



Date: 2.APR.2021 02:18:18

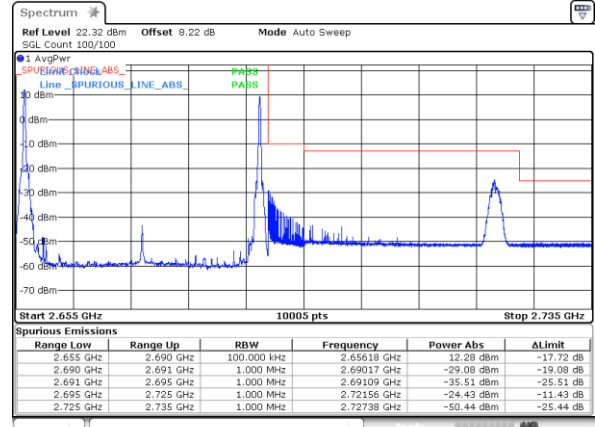
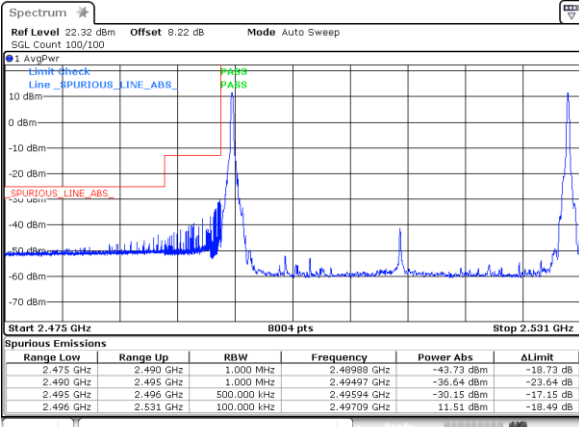


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

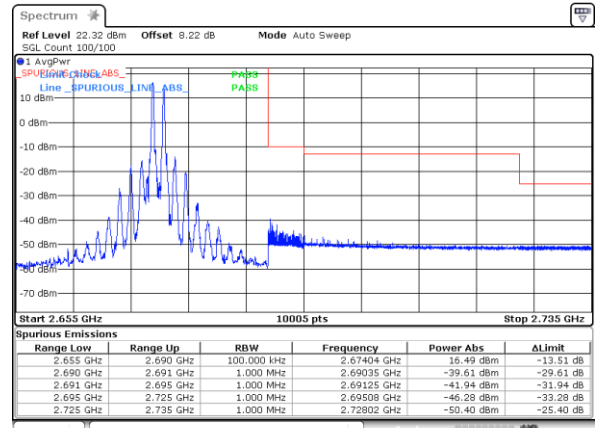
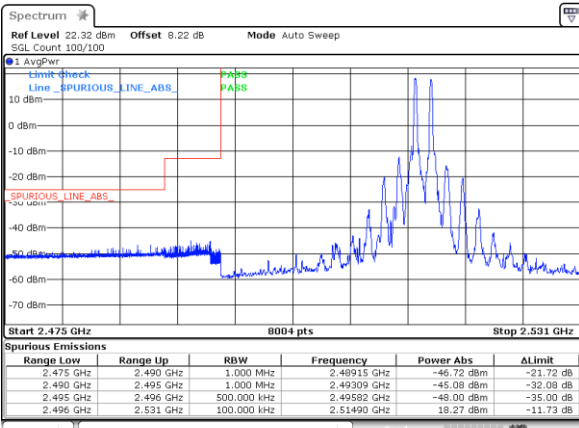


Date: 3.APR.2021 01:17:58

Date: 3.APR.2021 01:26:43

Lowest Band Edge / 1RB99and 1RB0

Highest Band Edge / 1RB99 and 1RB0

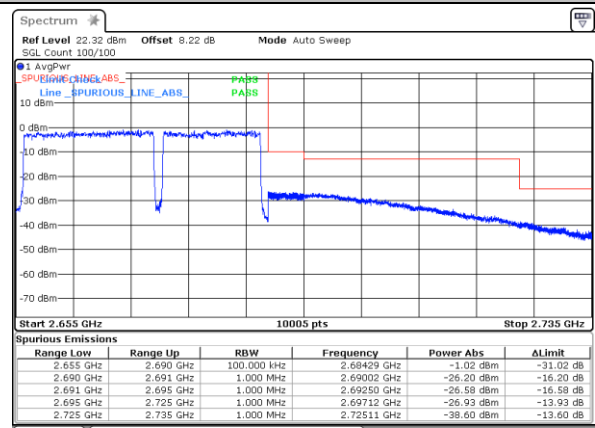
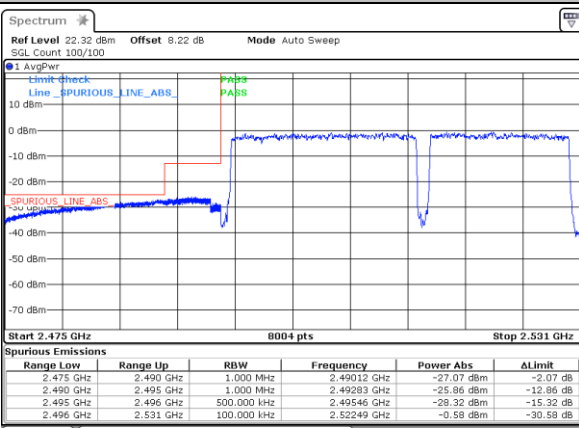


Date: 3.APR.2021 01:20:40

Date: 3.APR.2021 01:25:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.APR.2021 01:16:36

Date: 3.APR.2021 01:28:54

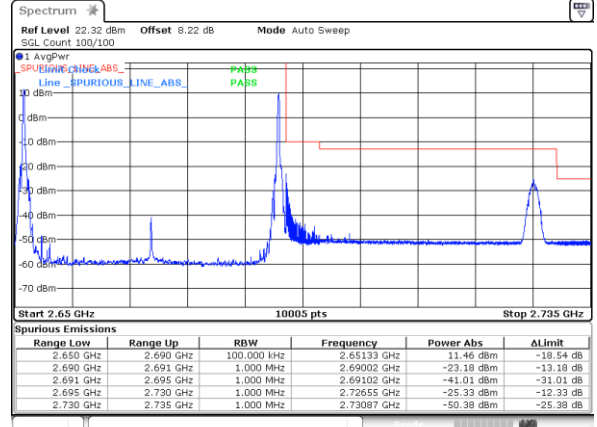
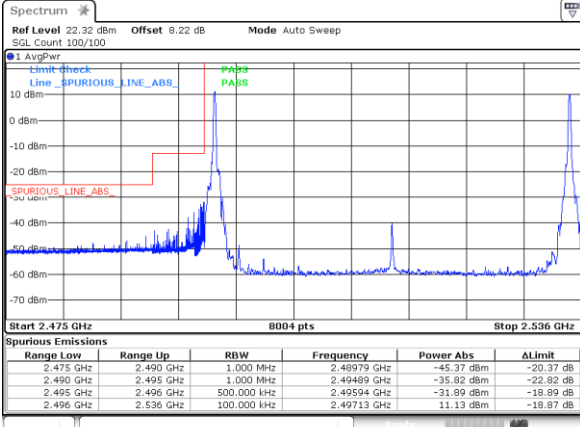


LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

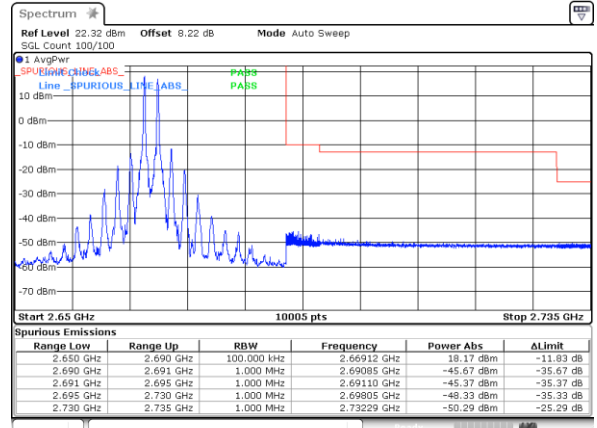
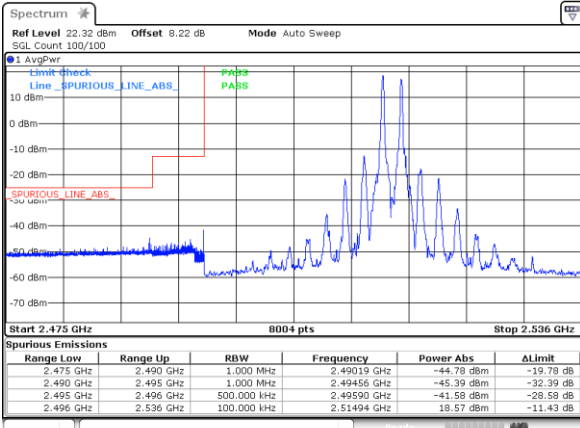


Date: 3.APR.2021 01:46:17

Date: 3.APR.2021 02:01:58

Lowest Band Edge / 1RB74and 1RB0

Highest Band Edge / 1RB74 and 1RB0

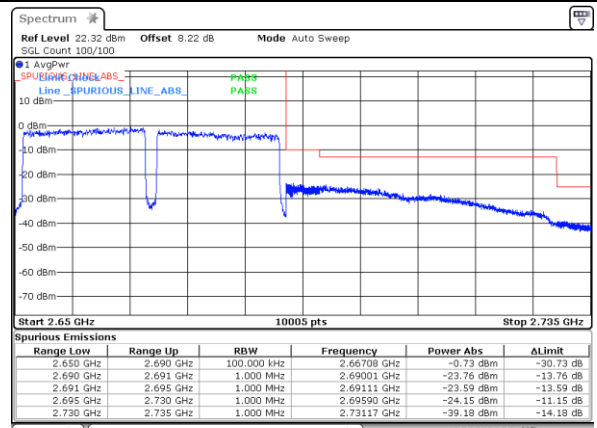
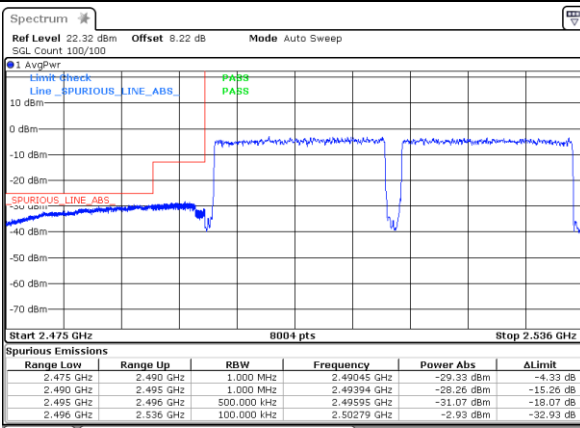


Date: 3.APR.2021 01:51:29

Date: 3.APR.2021 02:04:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20 APR 2021 18:00:06

Date: 3.APR.2021 01:59:08



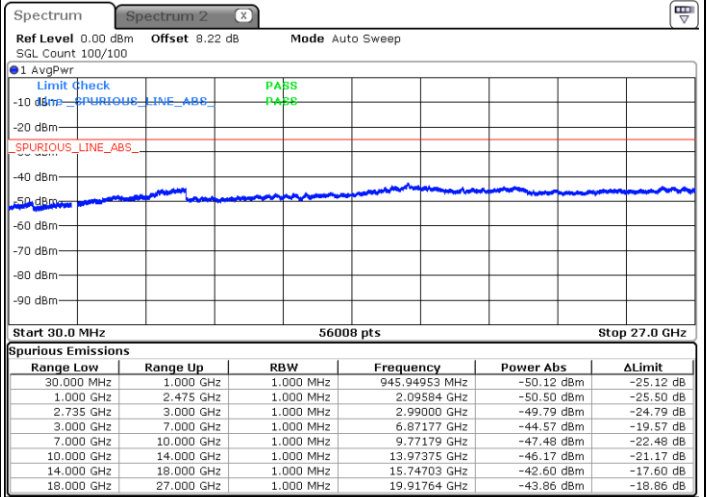
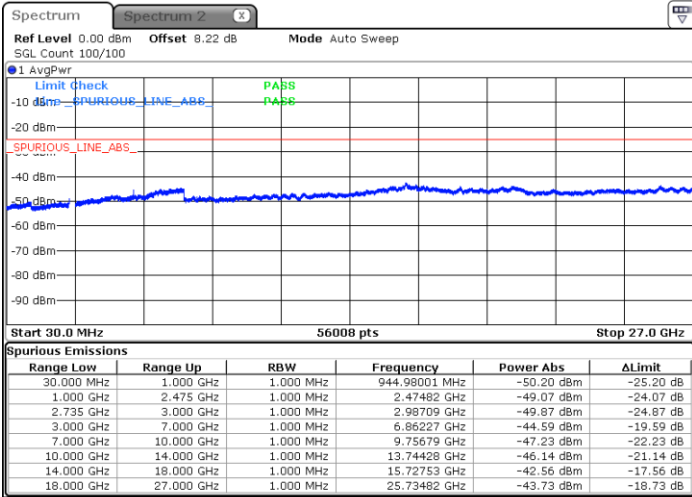
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

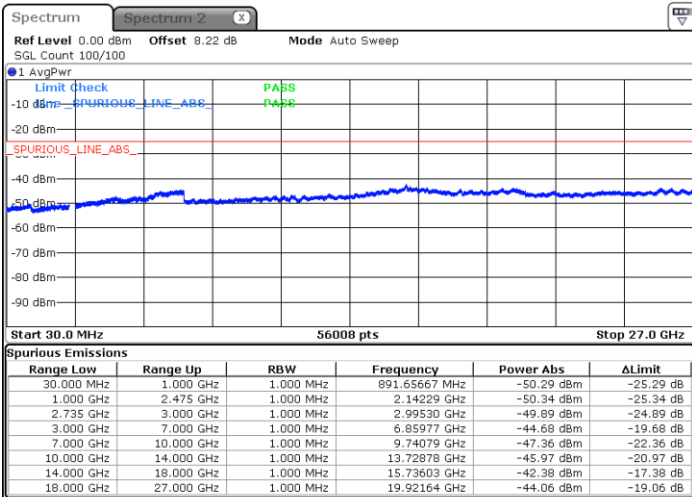


Date: 2.APR.2021 00:44:27

Date: 2.APR.2021 00:45:44

Highest Channel / 1RB24 and 1RB0

N/A



Date: 2.APR.2021 00:46:57

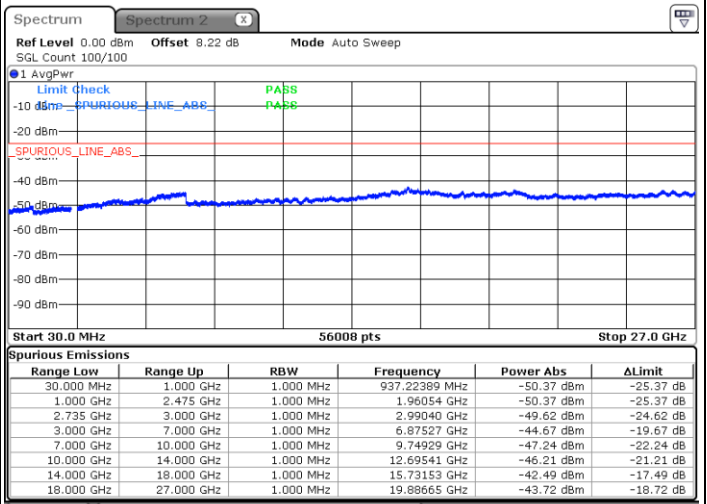
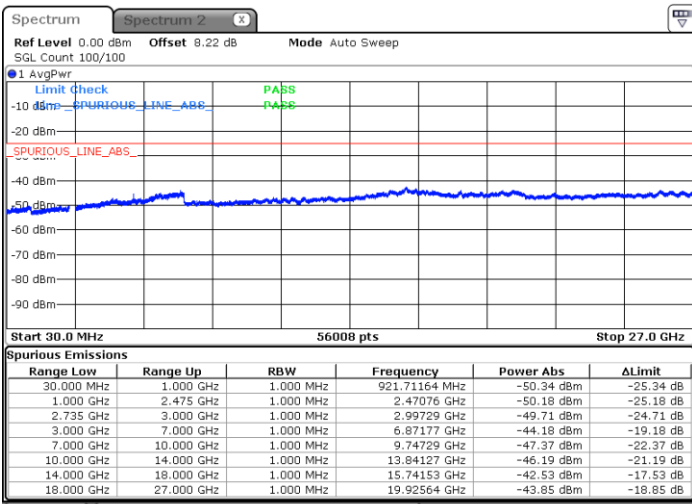


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

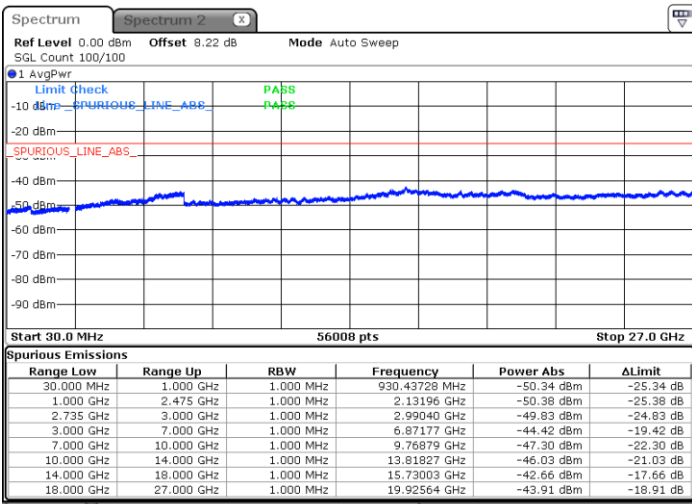


Date: 2.APR.2021 01:19:15

Date: 2.APR.2021 01:21:25

Highest Channel / 1RB49and 1RB0

N/A



Date: 2.APR.2021 01:22:38

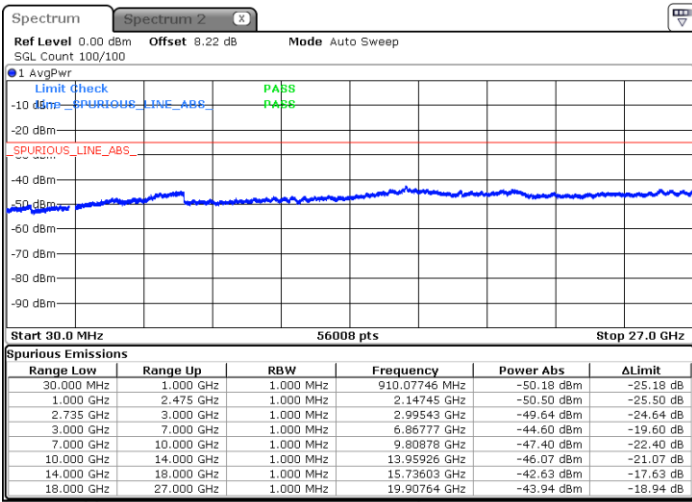


LTE Band 41C / 10MHz+20MHz

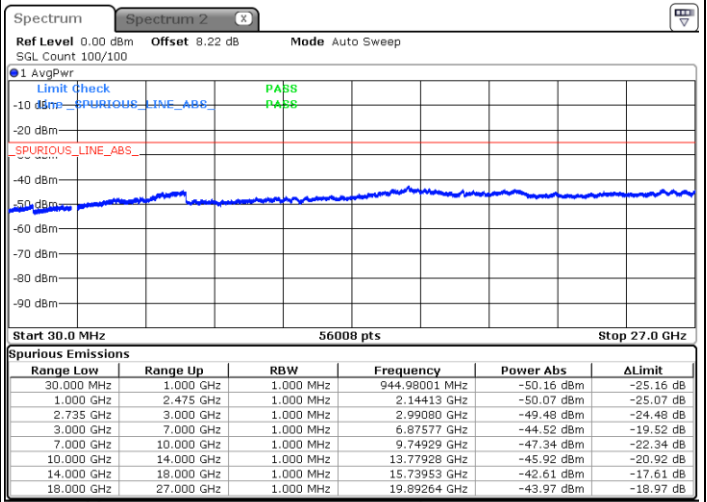
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



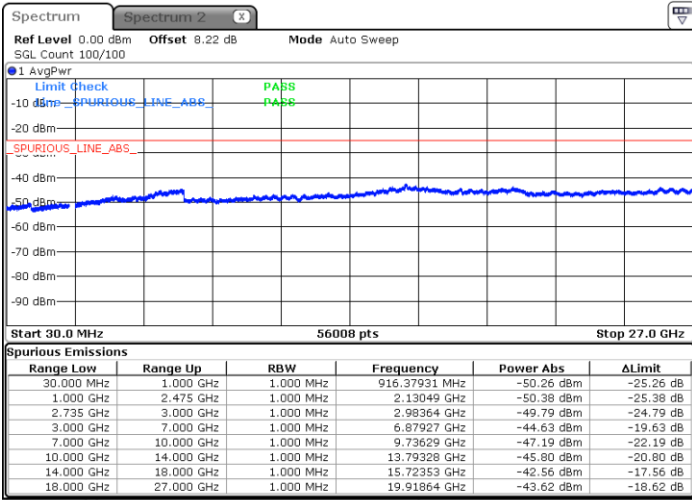
Date: 2.APR.2021 02:08:11



Date: 2.APR.2021 02:09:46

Highest Channel / 1RB49and 1RB0

N/A



Date: 2.APR.2021 02:13:48

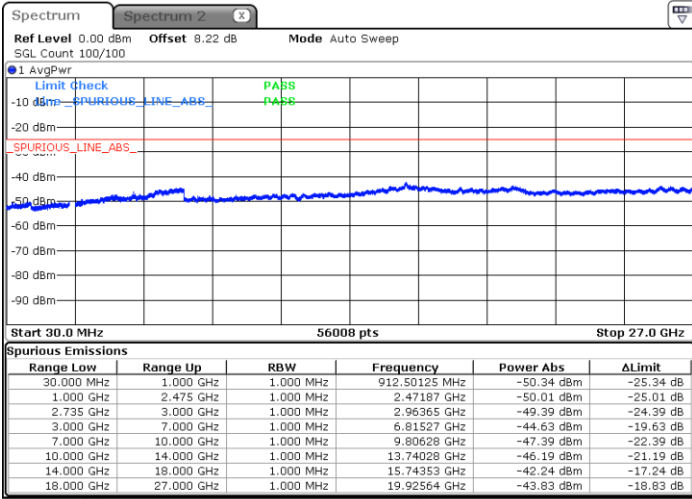


LTE Band 41C / 15MHz+10MHz

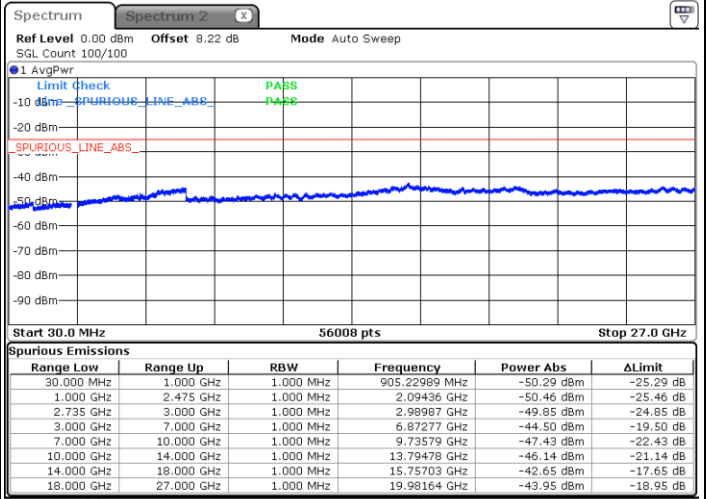
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0



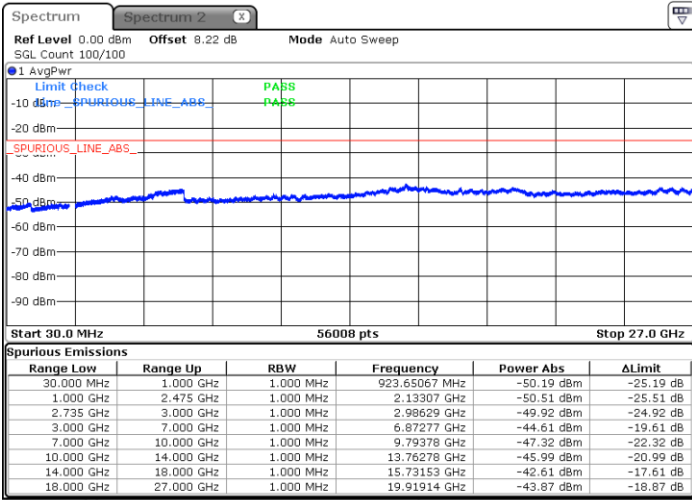
Date: 2.APR.2021 01:38:14



Date: 2.APR.2021 01:40:52

Highest Channel 1RB74 and 1RB0

N/A



Date: 2.APR.2021 01:42:50

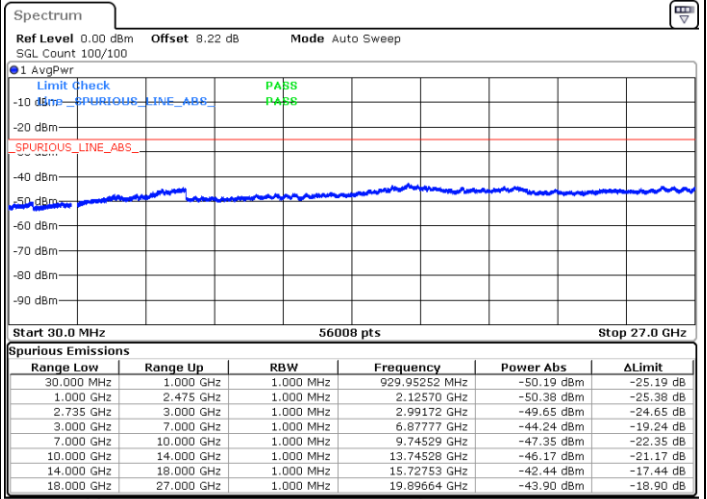
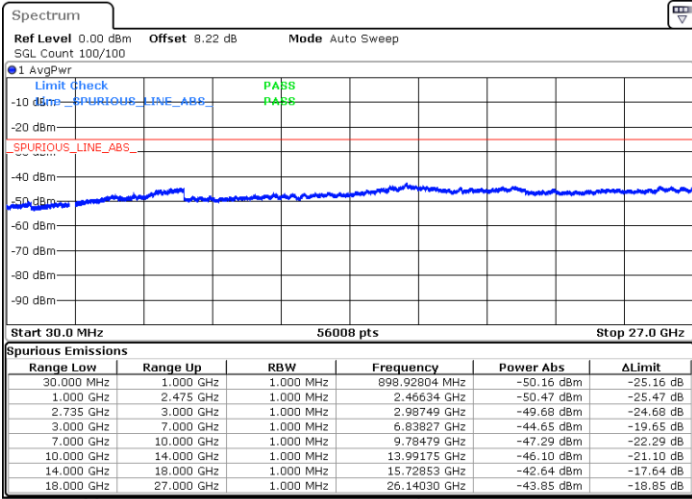


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

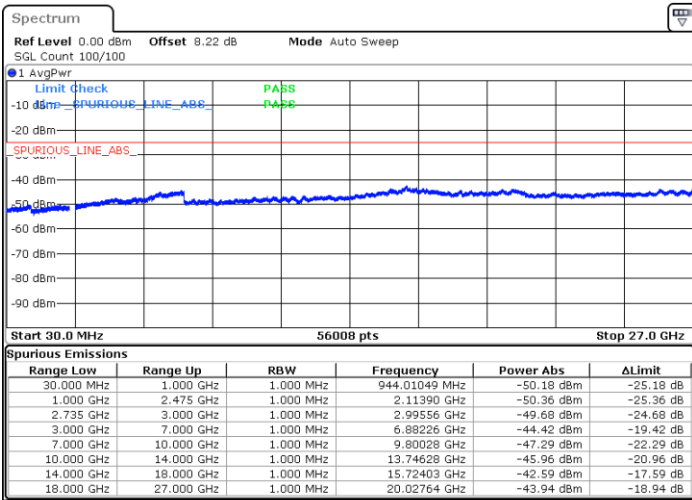


Date: 2.APR.2021 23:17:28

Date: 2.APR.2021 23:20:47

Highest Channel / 1RB74and 1RB0

N/A



Date: 2.APR.2021 23:22:22

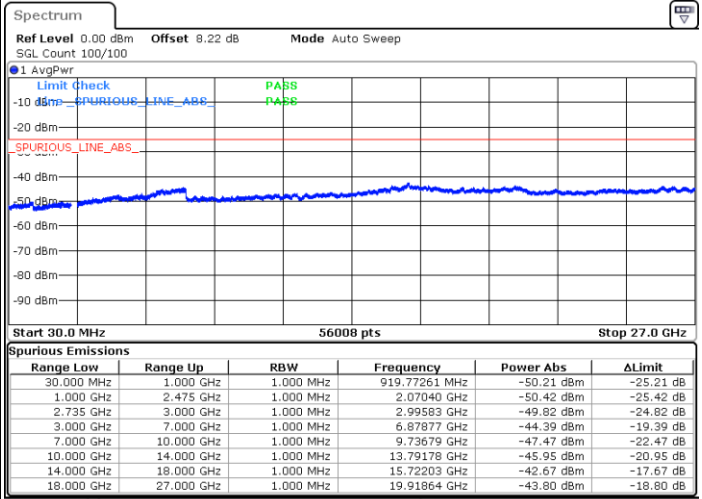
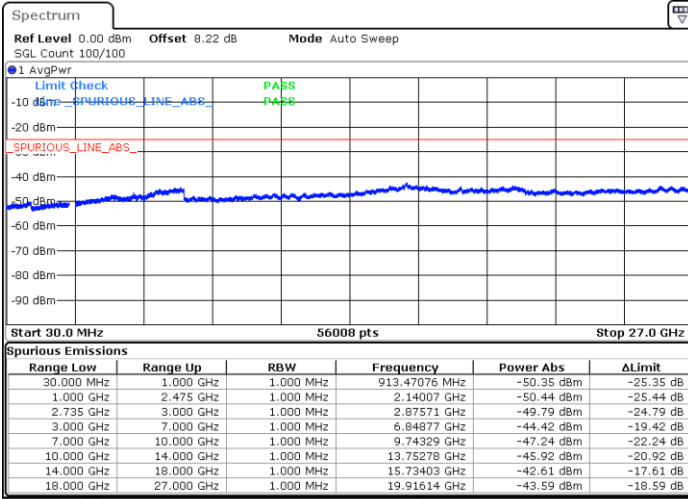


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

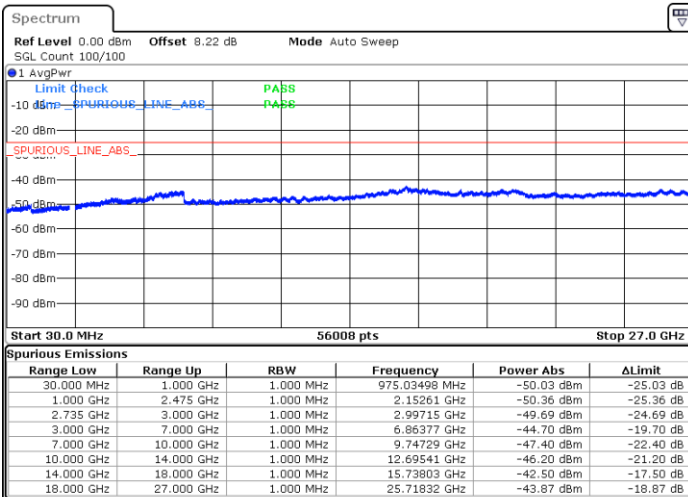


Date: 2.APR.2021 23:53:52

Date: 2.APR.2021 23:55:52

Highest Channel / 1RB49and 1RB0

N/A



Date: 2.APR.2021 23:57:44

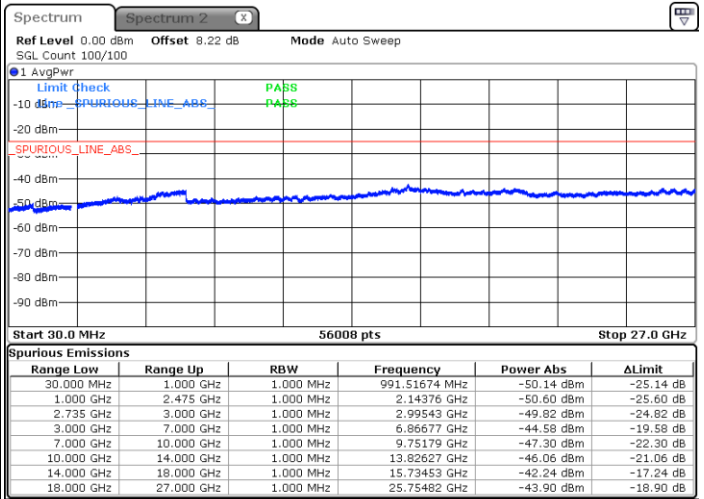
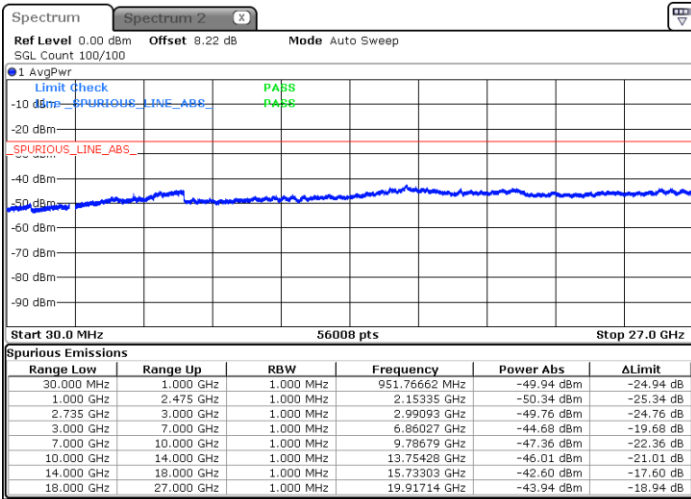


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

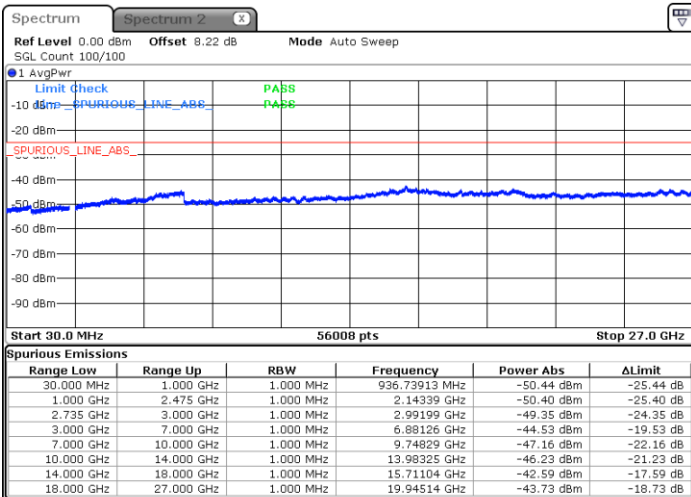


Date: 2.APR.2021 01:01:33

Date: 2.APR.2021 01:04:09

Highest Channel / 1RB99and 1RB0

N/A



Date: 2.APR.2021 01:05:27

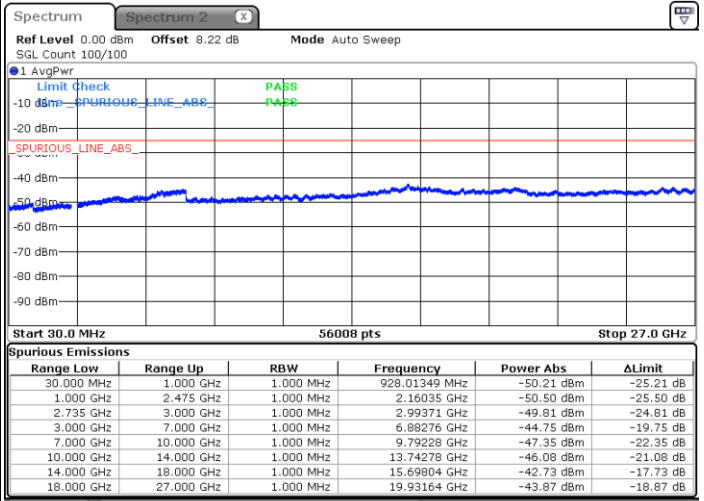
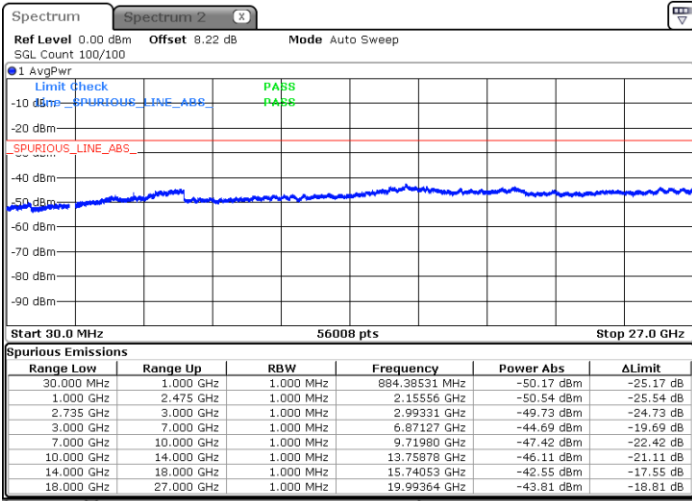


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

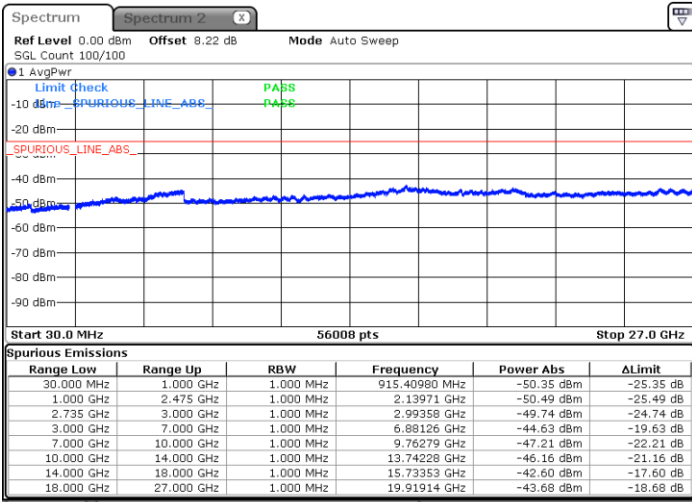


Date: 2.APR.2021 02:36:53

Date: 2.APR.2021 02:38:46

Highest Channel / 1RB99and 1RB0

N/A



Date: 2.APR.2021 02:40:13

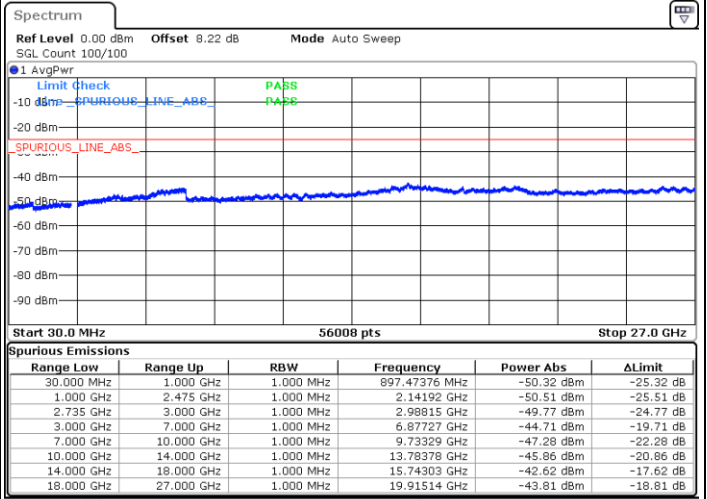
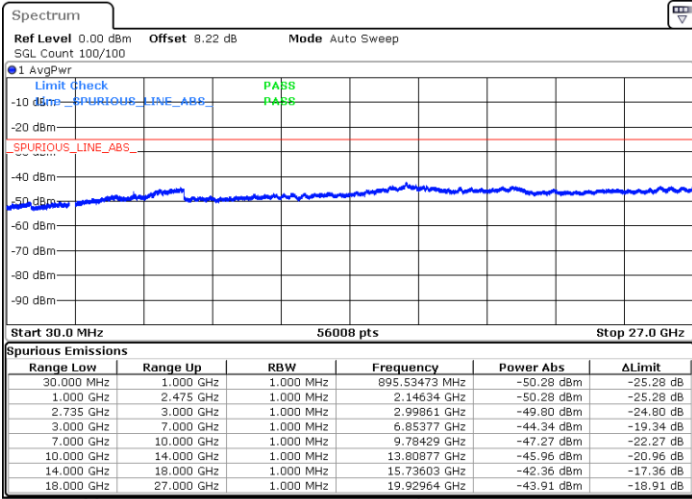


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

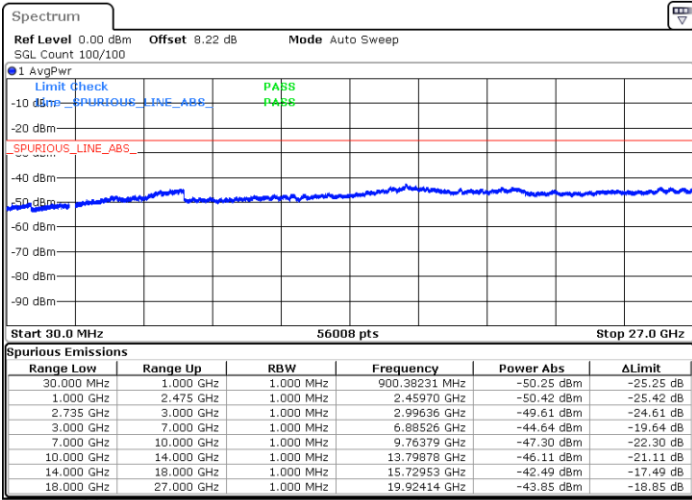


Date: 3.APR.2021 01:19:38

Date: 3.APR.2021 01:22:13

Highest Channel / 1RB99and 1RB0

N/A



Date: 3.APR.2021 01:23:32

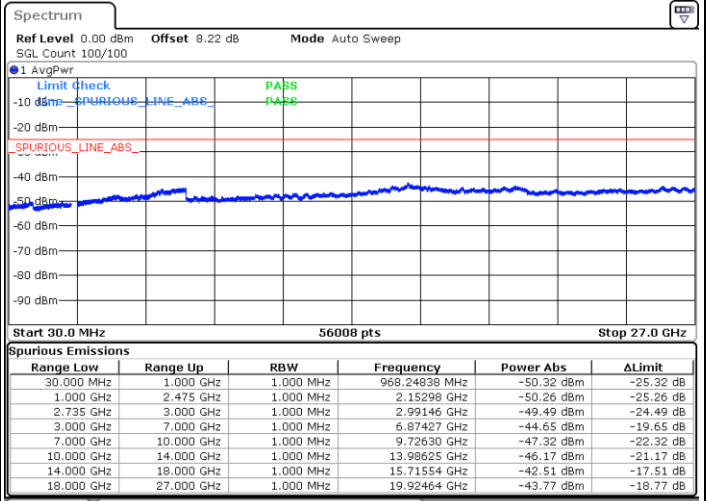
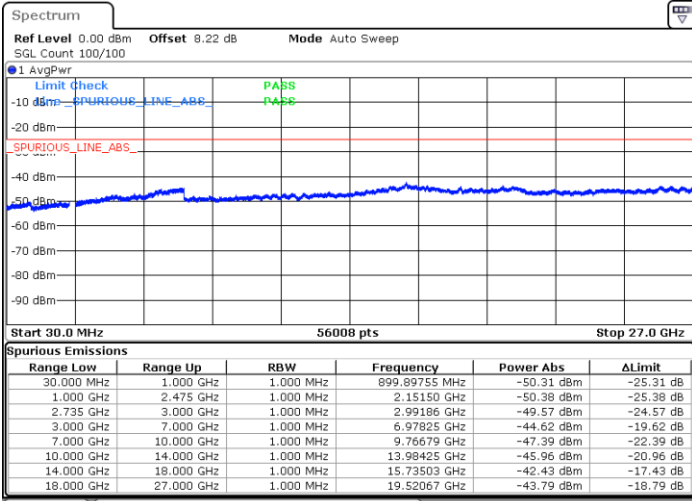


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

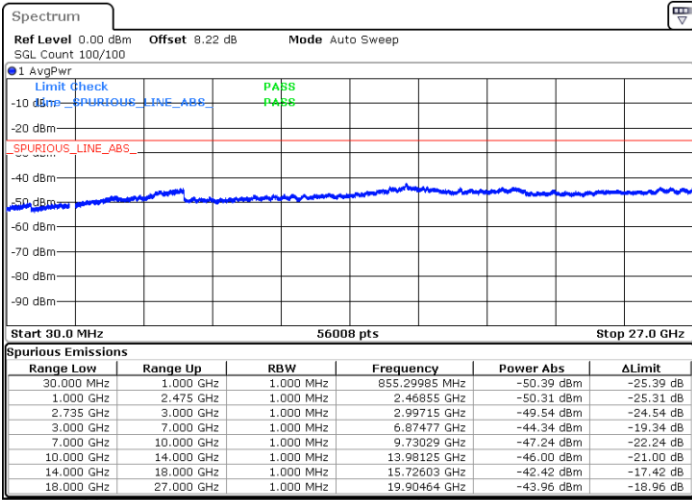


Date: 3.APR.2021 01:49:59

Date: 3.APR.2021 01:53:12

Highest Channel / 1RB99and 1RB0

N/A



Date: 3.APR.2021 02:02:38



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.3 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 7 / 20MHz / QPSK								
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	5052	-49.99	-25	-24.99	-60.20	3.03	13.24	H
	7580	-55.00	-25	-30.00	-64.45	3.56	13.01	H
	10100	-57.56	-25	-32.56	-67.08	3.92	13.44	H
	5052	-44.92	-25	-19.92	-55.13	3.03	13.24	V
	7580	-55.06	-25	-30.06	-64.51	3.56	13.01	V
	10100	-57.12	-25	-32.12	-66.64	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK								
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	5168	-43.43	-25	-18.43	-53.64	3.03	13.24	H
	7752	-55.08	-25	-30.08	-64.53	3.56	13.01	H
	10340	-59.02	-25	-34.02	-68.54	3.92	13.44	H
	5168	-44.53	-25	-19.53	-54.74	3.03	13.24	V
	7752	-58.67	-25	-33.67	-68.12	3.56	13.01	V
	10340	-59.14	-25	-34.14	-68.66	3.92	13.44	V

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

For CA

LTE Band 41C_CA / 20MHz+20MHz / QPSK								
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	5148	-46.55	-25	-21.55	-56.76	3.03	13.24	H
	7724	-52.38	-25	-27.38	-61.83	3.56	13.01	H
	10300	-59.22	-25	-34.22	-68.74	3.92	13.44	H
	5148	-49.12	-25	-24.12	-59.33	3.03	13.24	V
	7724	-51.18	-25	-26.18	-60.63	3.56	13.01	V
	10300	-59.11	-25	-34.11	-68.63	3.92	13.44	V

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