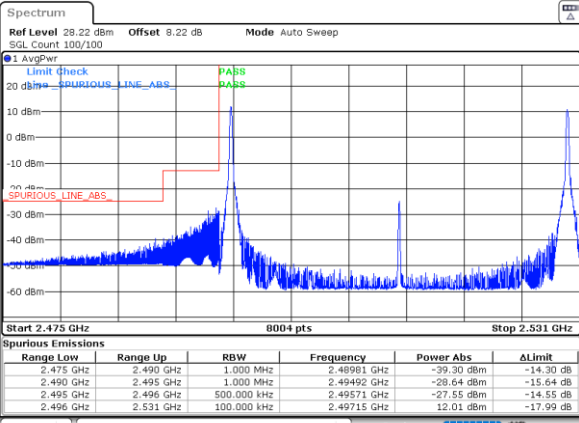




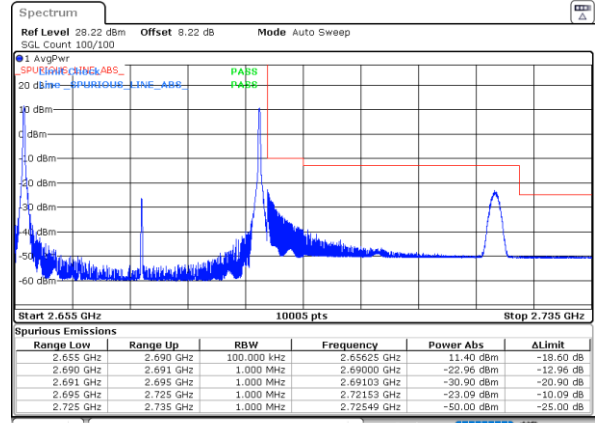
LTE Band 41C / 15MHz+20MHz

256QAM

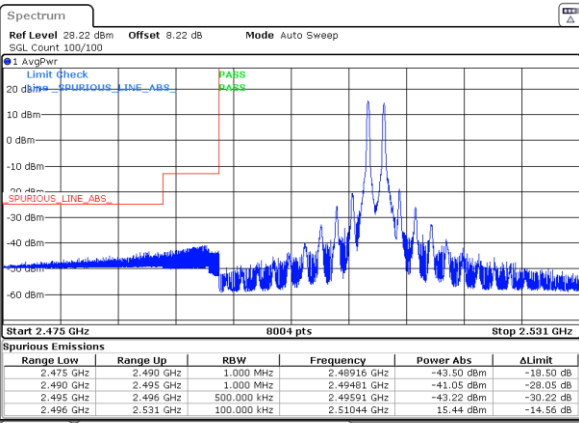
Lowest Band Edge / 1RB0 and 1RB9



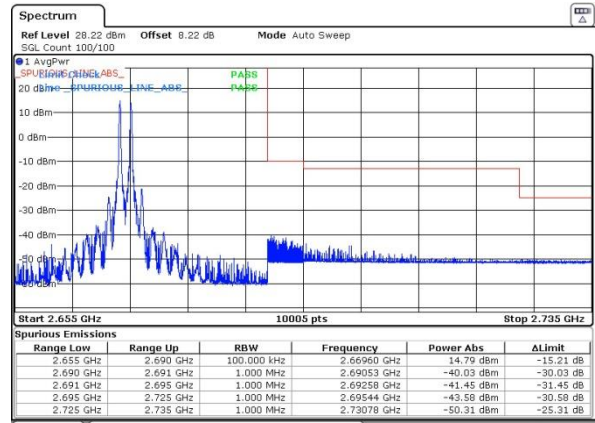
Highest Band Edge / 1RB0 and 1RB9



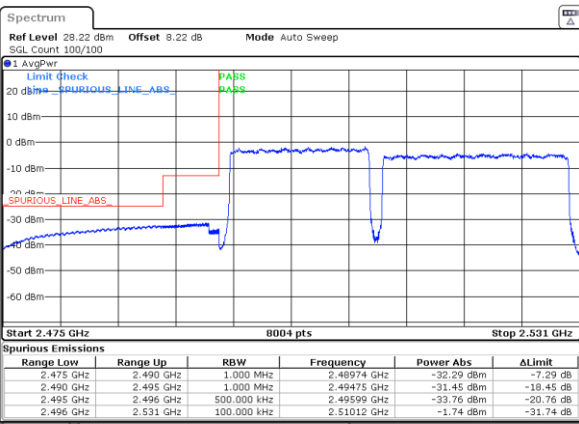
Lowest Band Edge / 1RB74and 1RB0



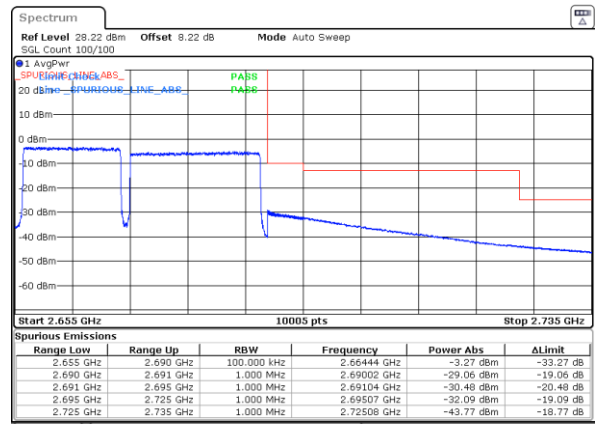
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



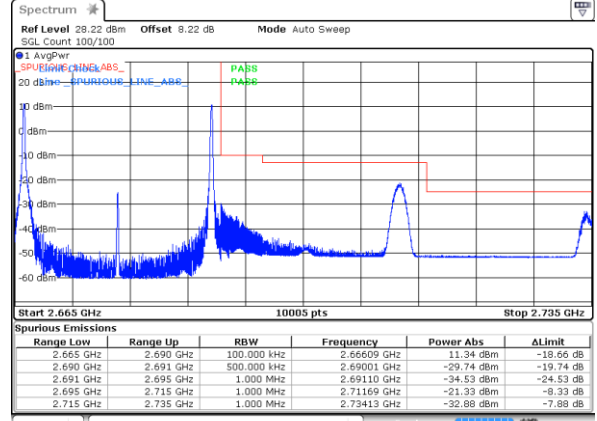
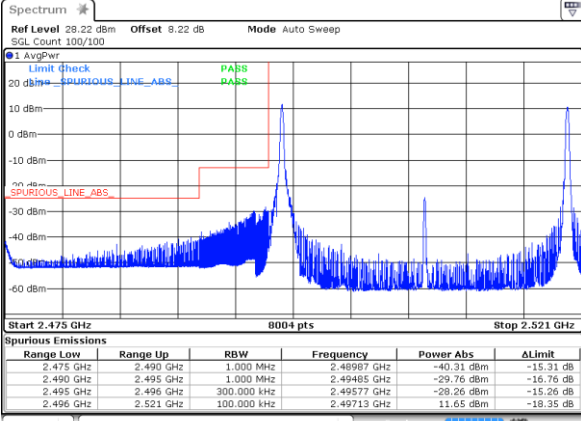


LTE Band 41C / 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

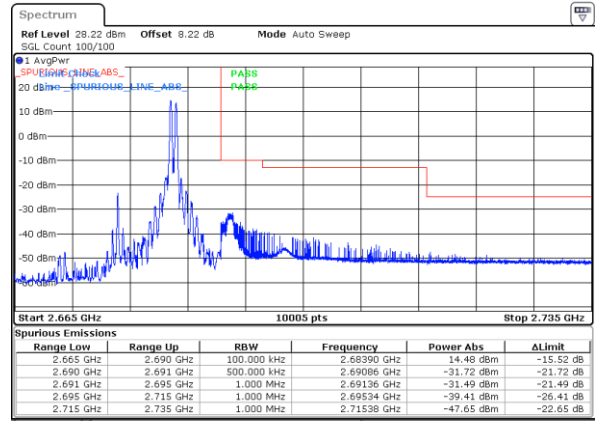
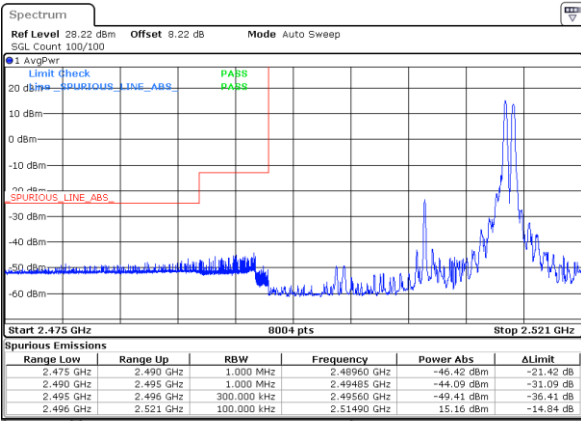


Date: 7 SEP 2021 16:12:37

Date: 7 SEP 2021 16:53:06

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

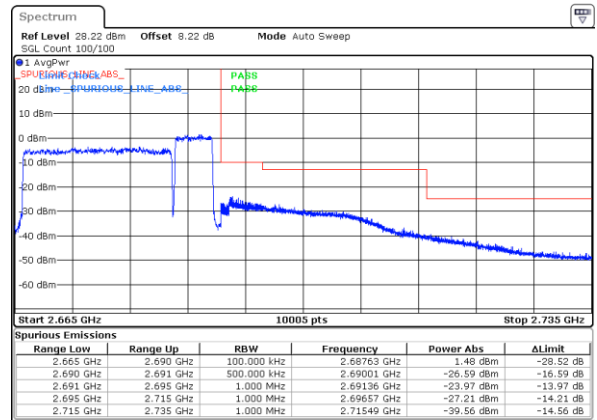
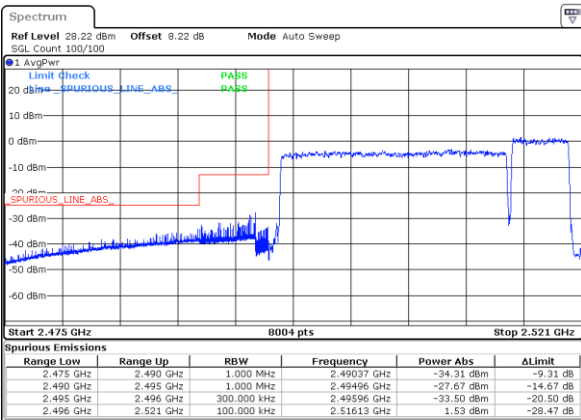


Date: 7 SEP 2021 16:40:48

Date: 7 SEP 2021 16:51:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7 SEP 2021 16:11:44

Date: 7 SEP 2021 17:05:06

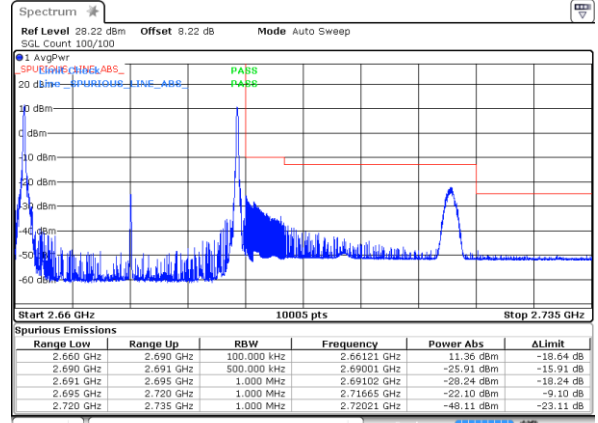
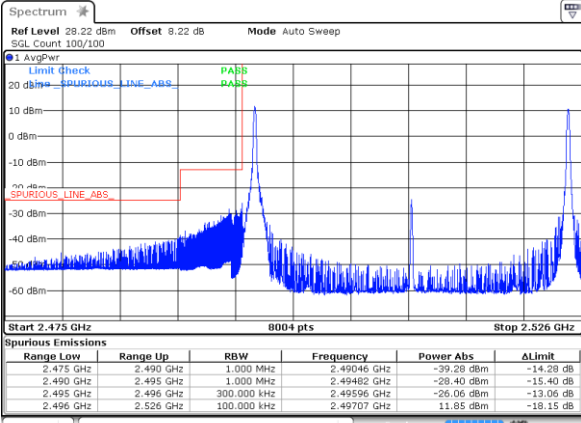


LTE Band 41C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

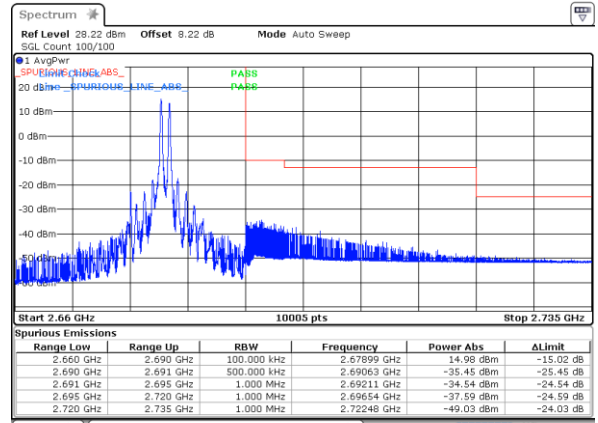
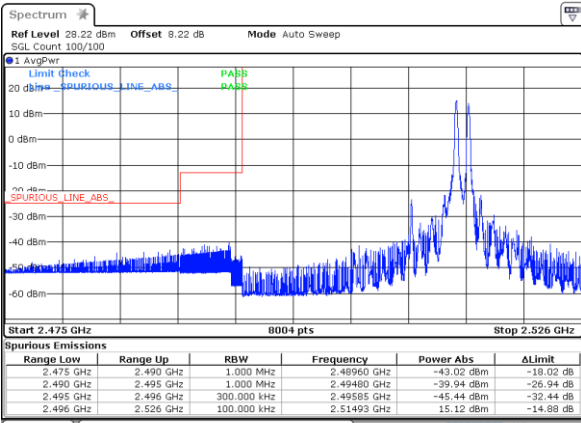


Date: 7 SEP 2021 15:40:44

Date: 7 SEP 2021 16:01:58

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

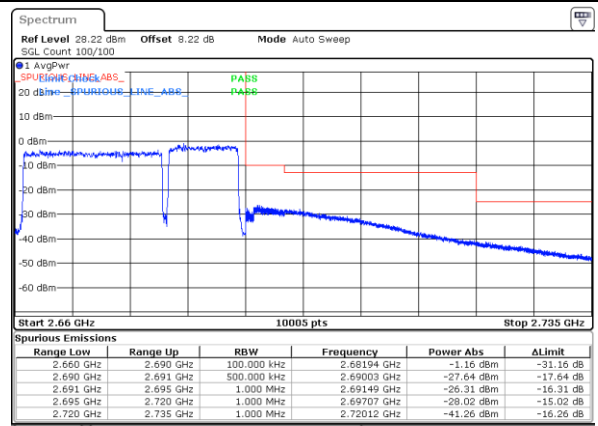
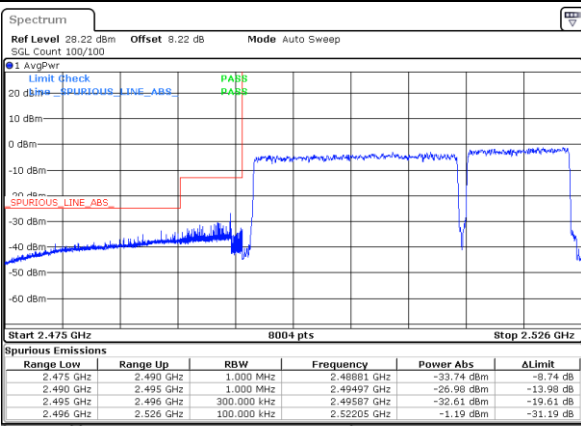


Date: 7 SEP 2021 15:49:46

Date: 7 SEP 2021 15:56:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7 SEP 2021 15:35:09

Date: 7 SEP 2021 16:03:17

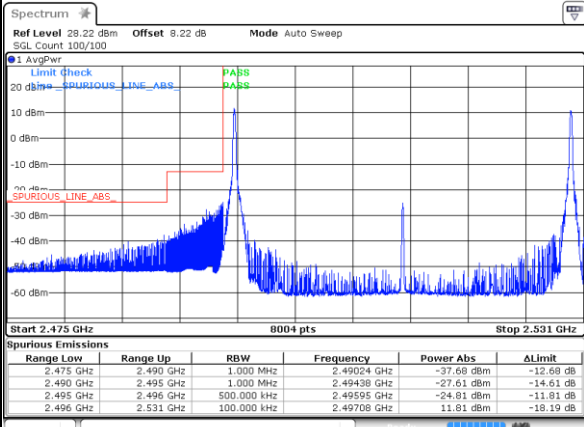


LTE Band 41C / 20MHz+15MHz

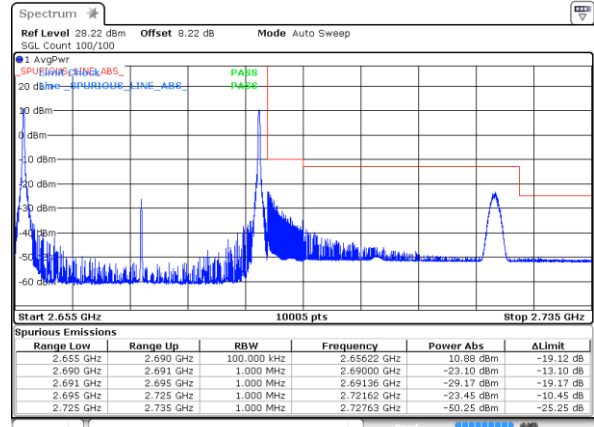
256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74



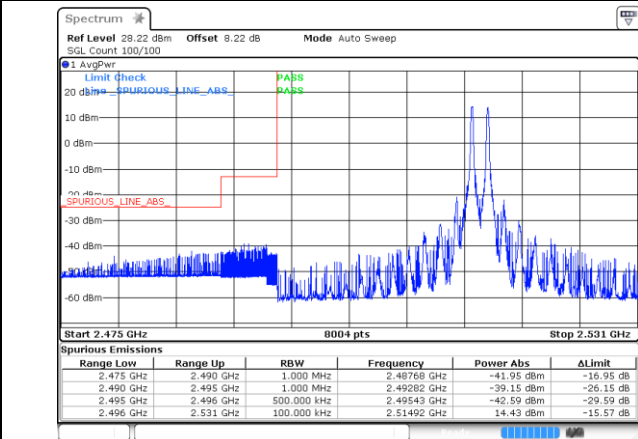
Date: 7.SEP.2021 14:45:18



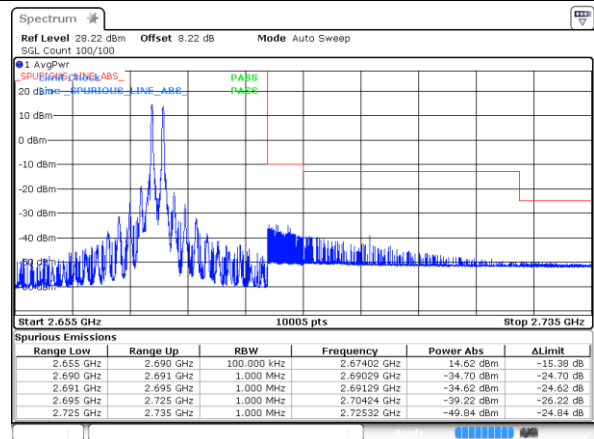
Date: 7.SEP.2021 15:02:10

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



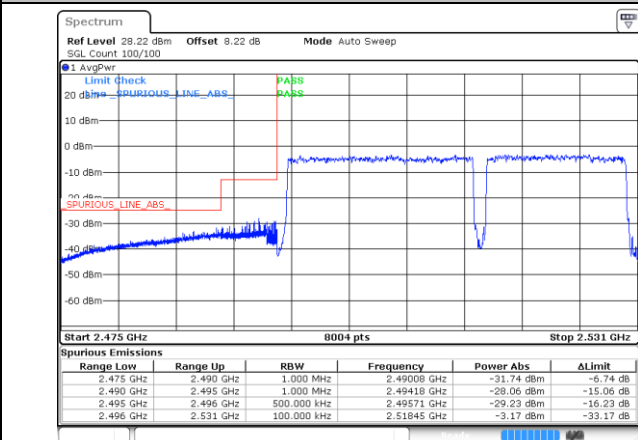
Date: 7.SEP.2021 14:53:15



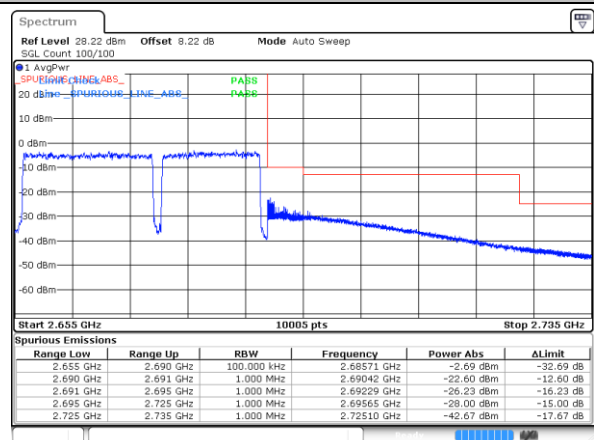
Date: 7.SEP.2021 15:00:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.SEP.2021 14:44:14



Date: 7.SEP.2021 15:10:15

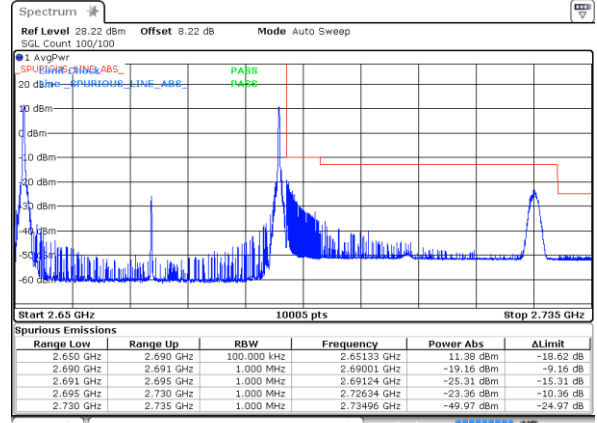
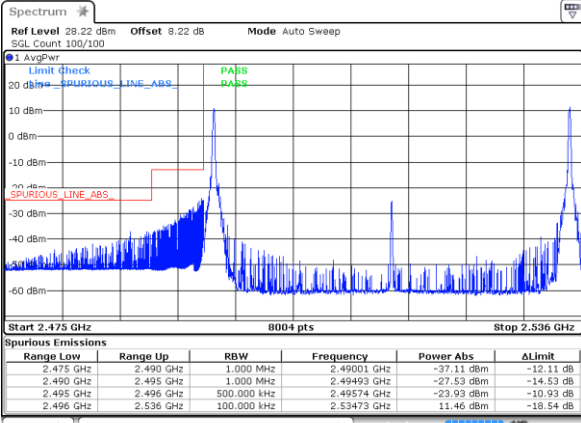


LTE Band 41C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

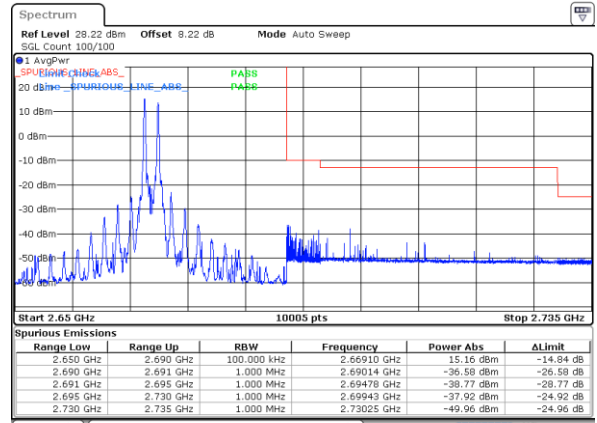
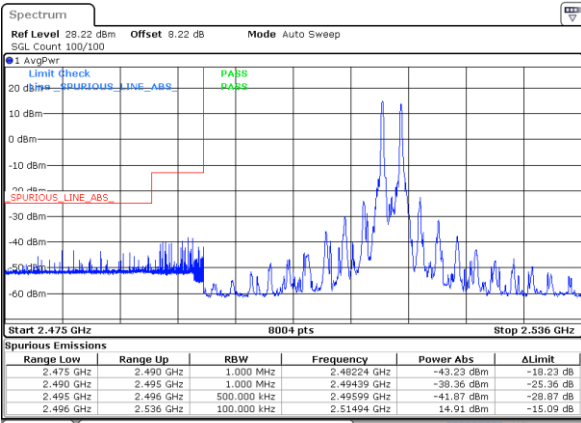


Date: 7 SEP 2021 12:38:11

Date: 7 SEP 2021 13:02:28

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

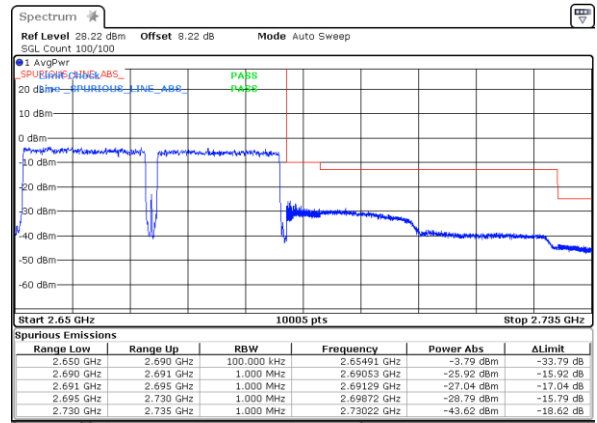
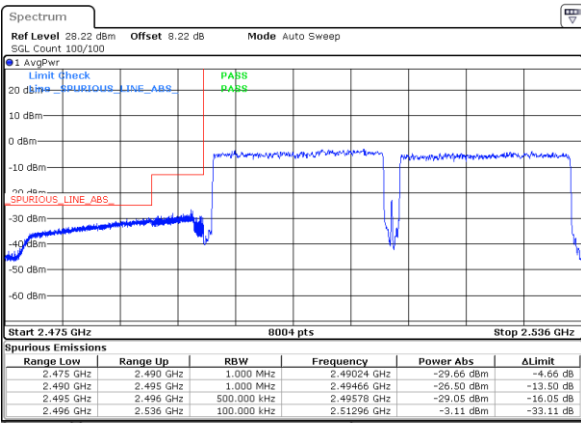


Date: 7 SEP 2021 12:45:17

Date: 7 SEP 2021 13:03:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7 SEP 2021 12:45:46

Date: 7 SEP 2021 12:55:58



Conducted Spurious Emission

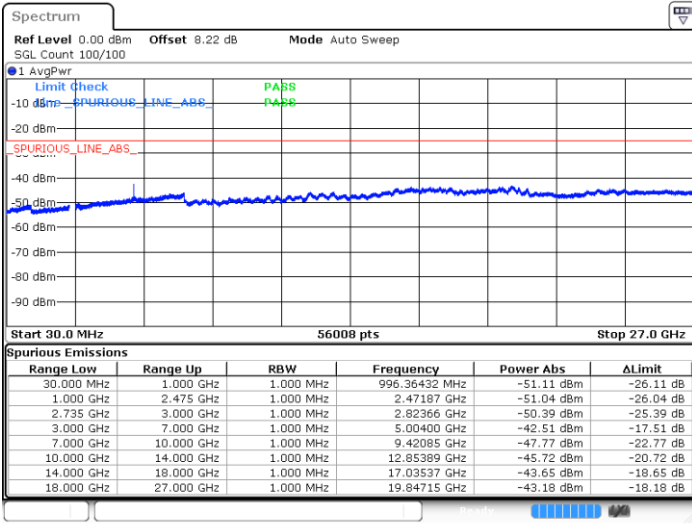


LTE Band 41C / 5MHz+20MHz

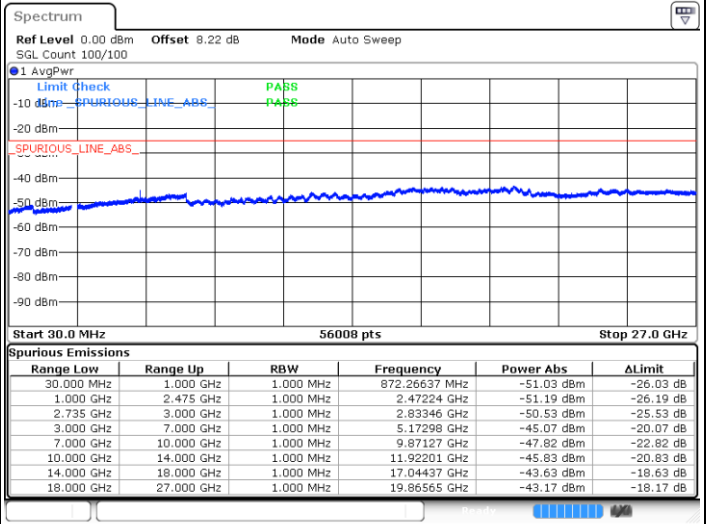
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



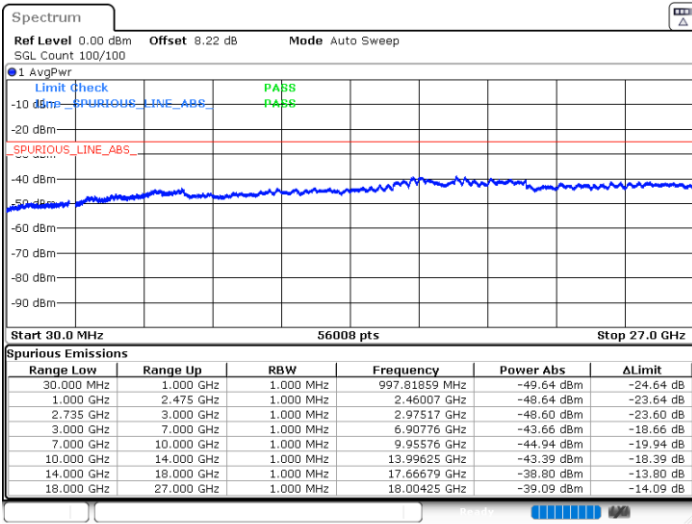
Date: 7.SEP.2021 18:32:14



Date: 7.SEP.2021 18:49:20

Highest Channel / 1RB24 and 1RB0

N/A



Date: 8.SEP.2021 02:37:27

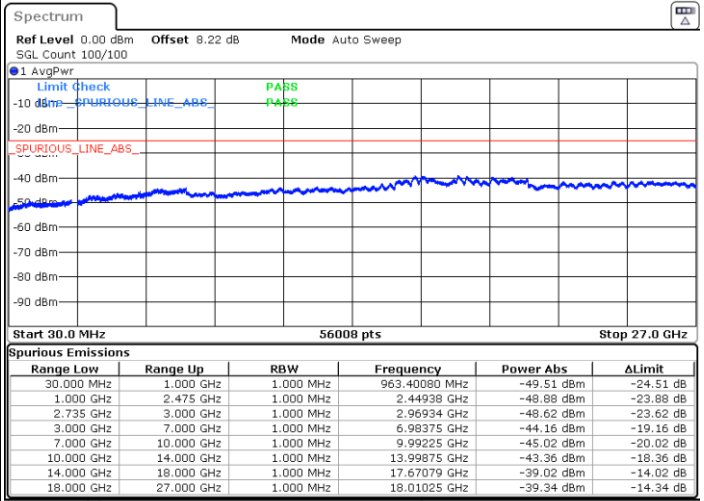
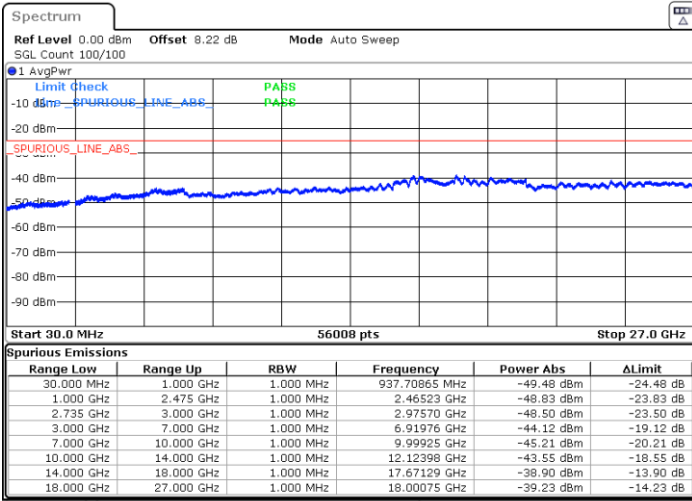


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

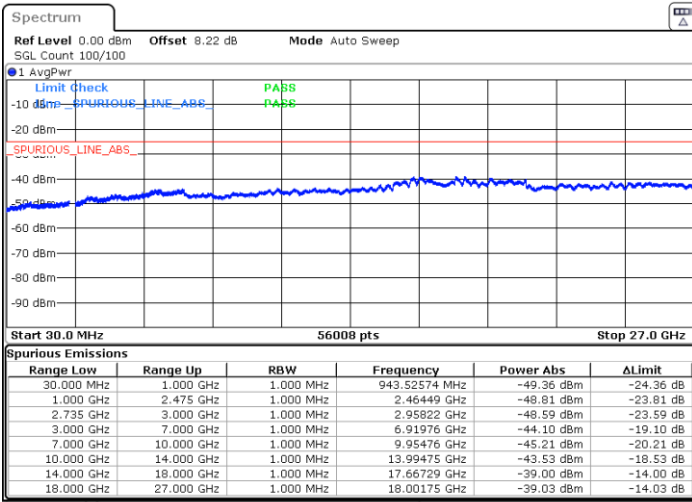


Date: 8.SEP.2021 06:13:56

Date: 8.SEP.2021 06:12:26

Highest Channel / 1RB49and 1RB0

N/A



Date: 8.SEP.2021 06:15:26

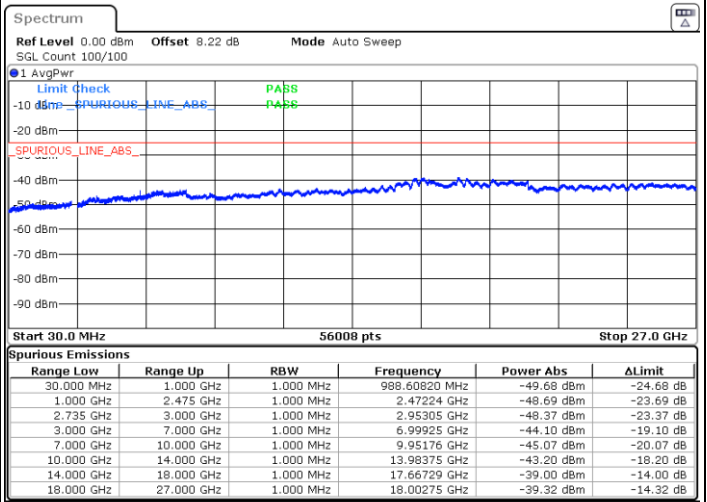
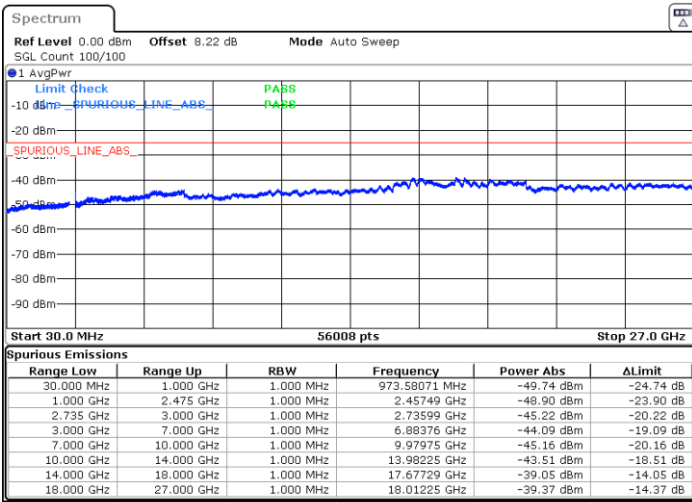


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

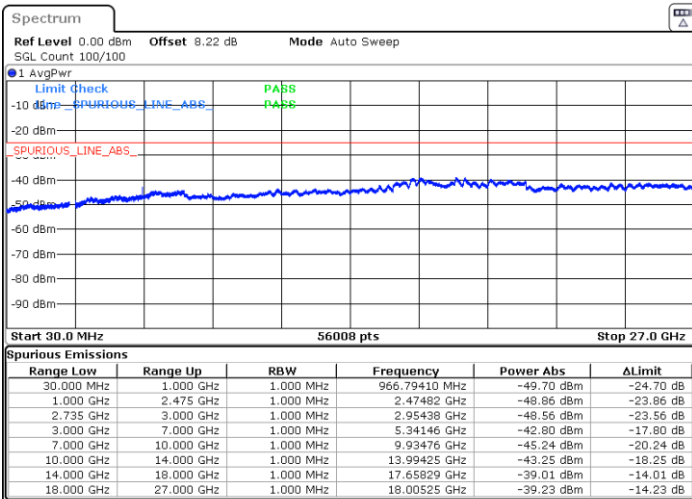


Date: 8.SEP.2021 07:01:50

Date: 8.SEP.2021 07:03:20

Highest Channel / 1RB49and 1RB0

N/A



Date: 8.SEP.2021 07:04:50

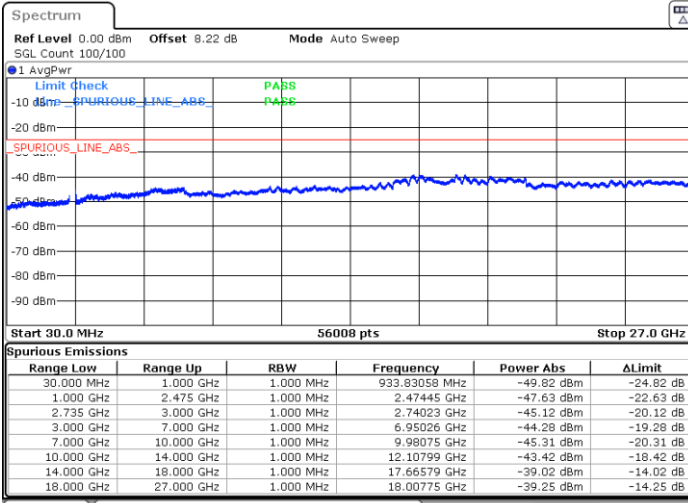


LTE Band 41C / 15MHz+10MHz

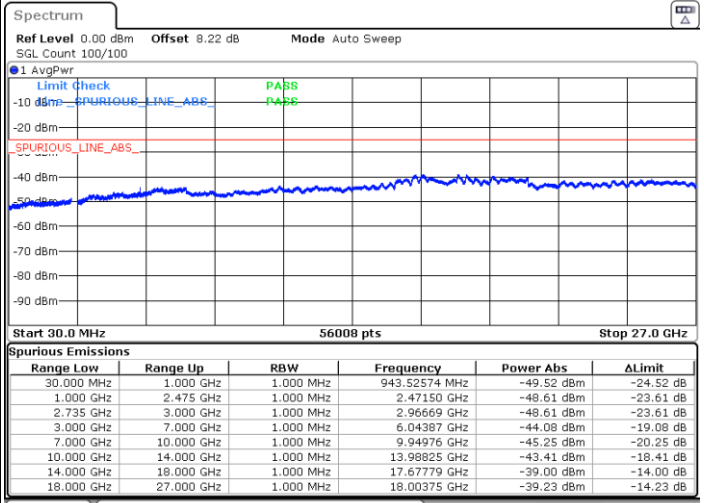
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0



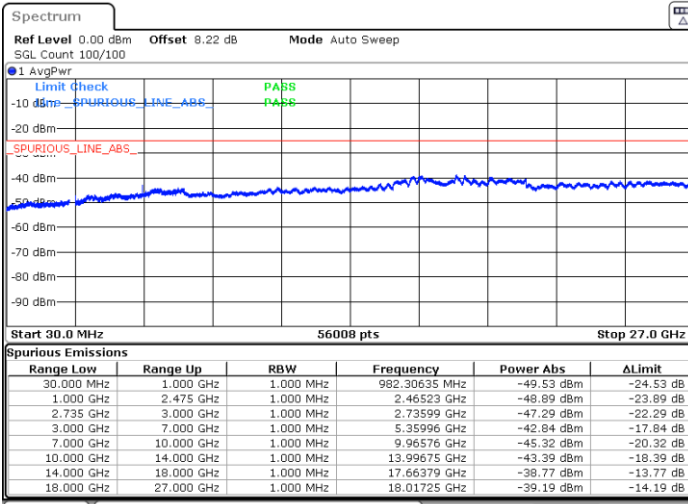
Date: 8.SEP.2021 07:26:55



Date: 8.SEP.2021 07:28:25

Highest Channel 1RB74 and 1RB0

N/A



Date: 8.SEP.2021 07:47:40

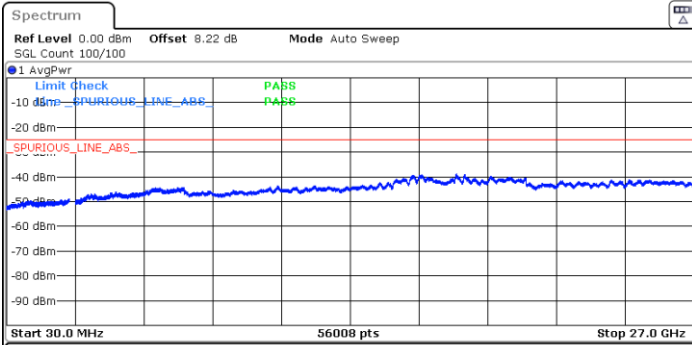


LTE Band 41C / 15MHz+15MHz

QPSK

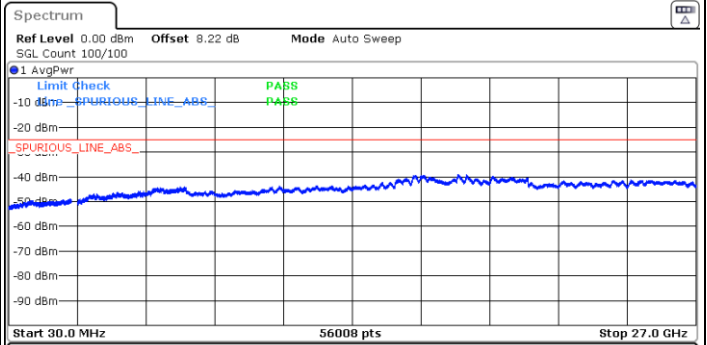
Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-49.62 dBm	-24.62 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47297 GHz	-48.79 dBm	-23.79 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97278 GHz	-48.43 dBm	-23.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91176 GHz	-44.27 dBm	-19.27 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94626 GHz	-45.29 dBm	-20.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99075 GHz	-43.61 dBm	-18.61 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.67679 GHz	-38.85 dBm	-13.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00575 GHz	-38.91 dBm	-13.91 dB

Date: 8.SEP.2021 08:07:21

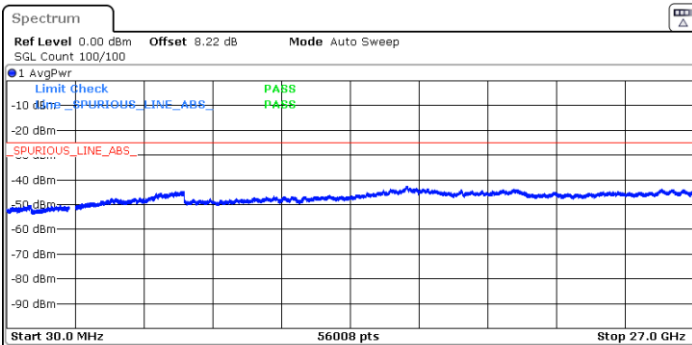


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.10195 MHz	-49.53 dBm	-24.53 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46302 GHz	-48.82 dBm	-23.82 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95650 GHz	-48.45 dBm	-23.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-43.95 dBm	-18.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95276 GHz	-45.09 dBm	-20.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-43.46 dBm	-18.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65429 GHz	-39.07 dBm	-14.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00125 GHz	-39.08 dBm	-14.08 dB

Date: 8.SEP.2021 08:08:52

Highest Channel / 1RB74and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.68416 MHz	-50.22 dBm	-25.22 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.15150 GHz	-50.35 dBm	-25.35 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99848 GHz	-49.62 dBm	-24.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.66929 GHz	-44.66 dBm	-19.66 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75629 GHz	-47.24 dBm	-22.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97525 GHz	-46.02 dBm	-21.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73853 GHz	-42.52 dBm	-17.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92314 GHz	-43.75 dBm	-18.75 dB

Date: 9.SEP.2021 17:04:31

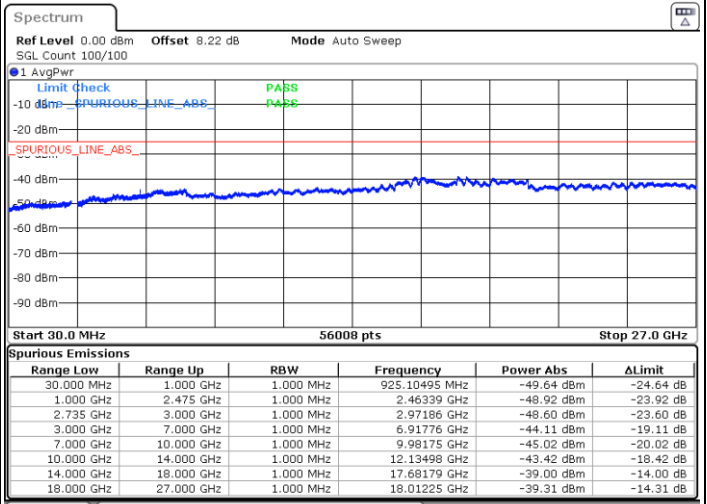
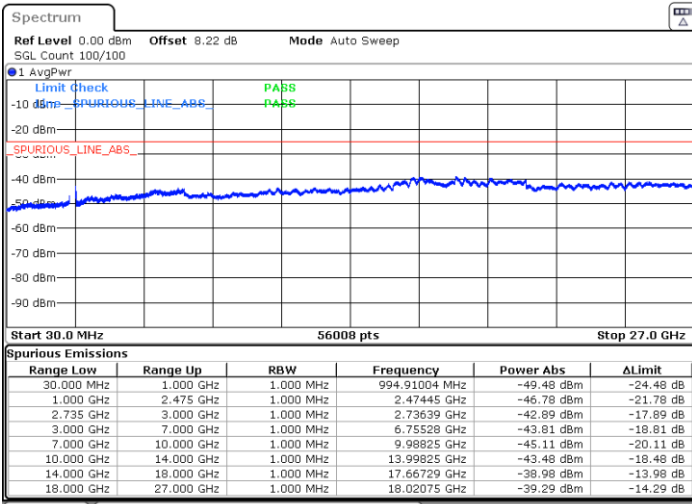


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

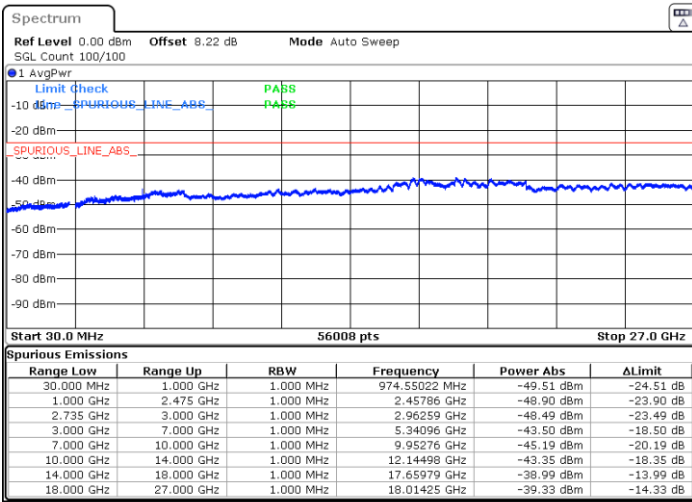


Date: 8.SEP.2021 04:59:53

Date: 8.SEP.2021 05:01:23

Highest Channel / 1RB49and 1RB0

N/A



Date: 8.SEP.2021 05:13:14

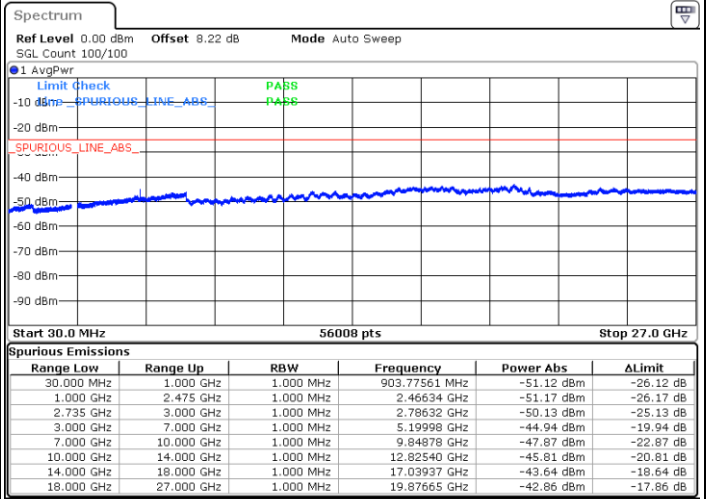
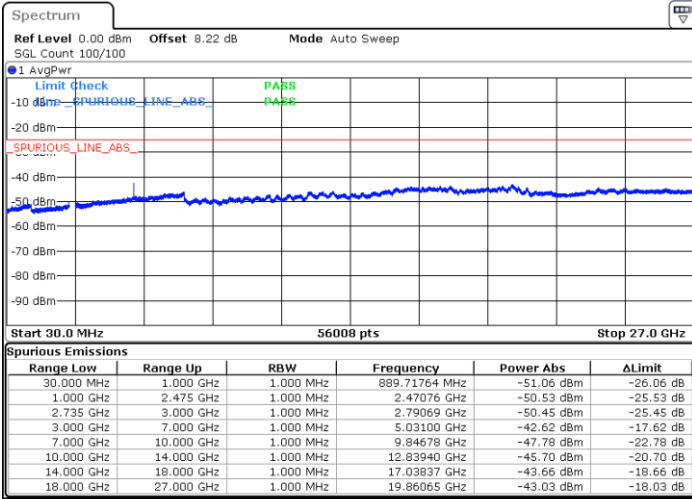


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

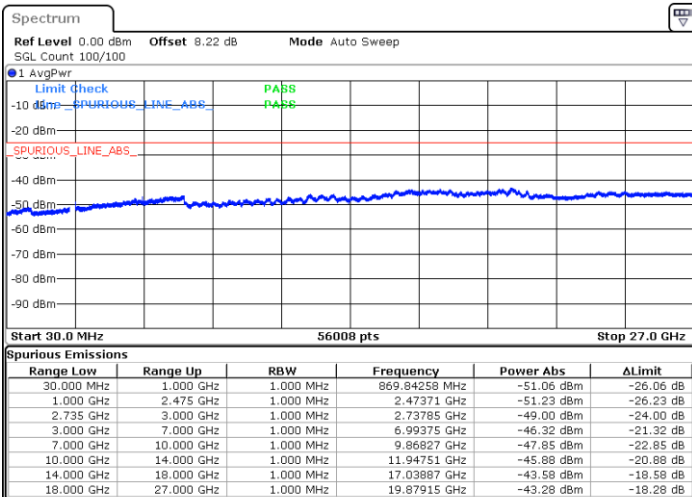


Date: 7.SEP.2021 16:43:14

Date: 7.SEP.2021 16:45:22

Highest Channel / 1RB99and 1RB0

N/A



Date: 7.SEP.2021 16:47:35

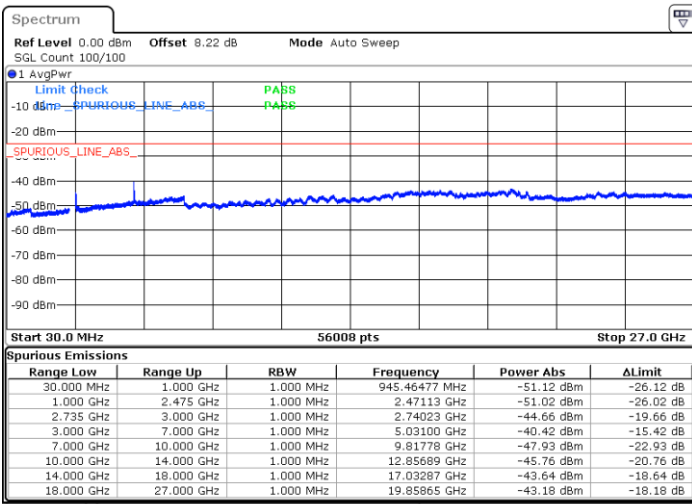


LTE Band 41C / 20MHz+10MHz

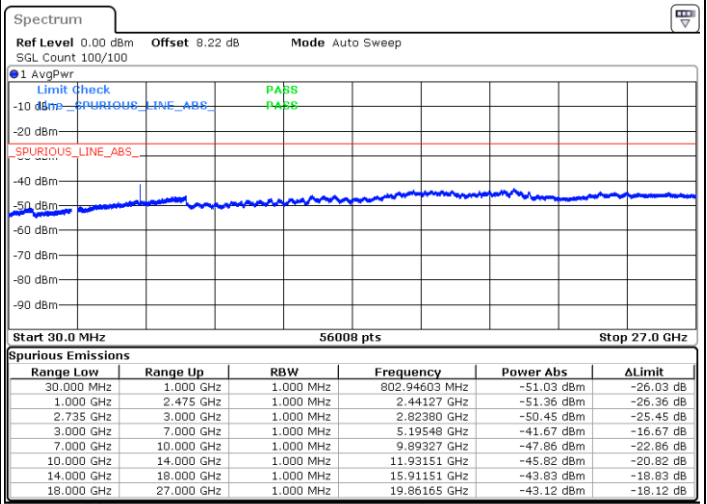
QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



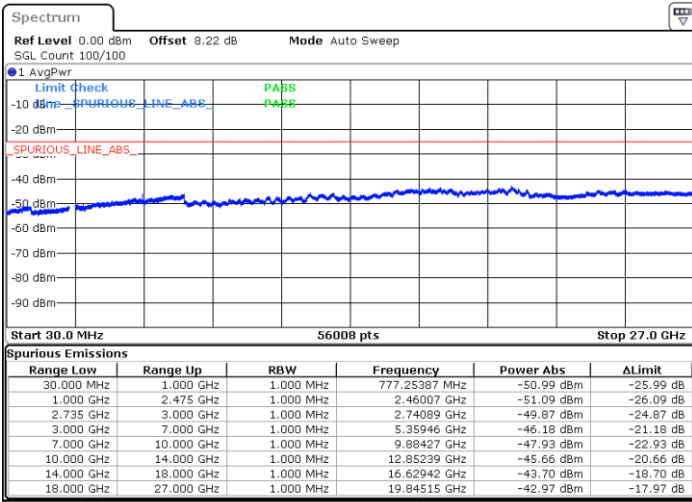
Date: 7.SEP.2021 15:47:54



Date: 7.SEP.2021 15:52:09

Highest Channel / 1RB99and 1RB0

N/A



Date: 7.SEP.2021 15:58:06

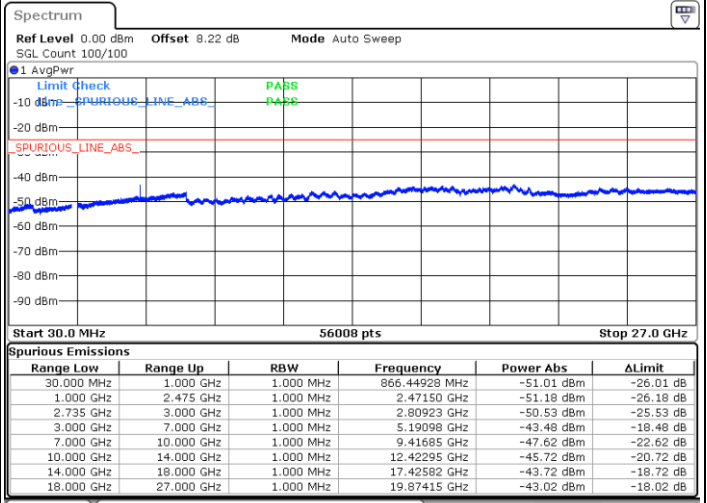
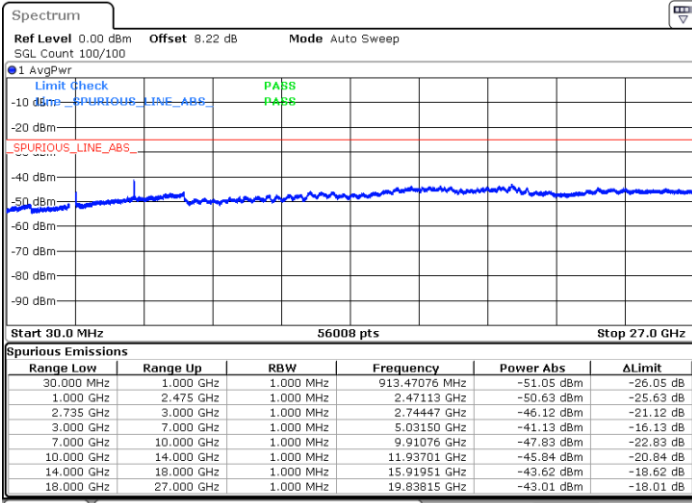


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

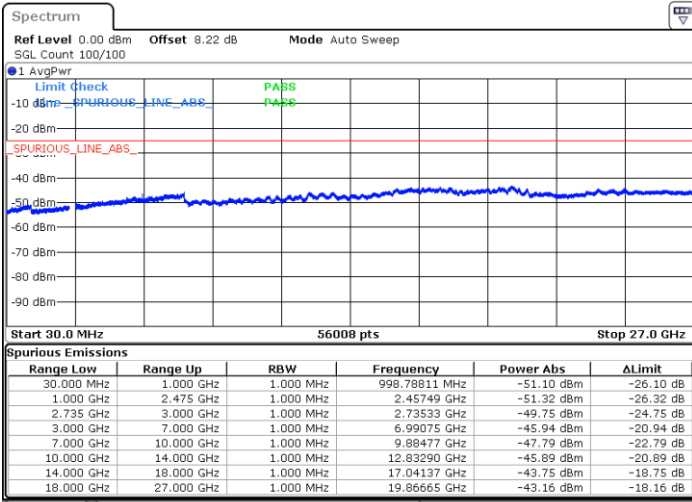


Date: 7.SEP.2021 14:50:41

Date: 7.SEP.2021 14:56:05

Highest Channel / 1RB99and 1RB0

N/A



Date: 7.SEP.2021 14:58:28

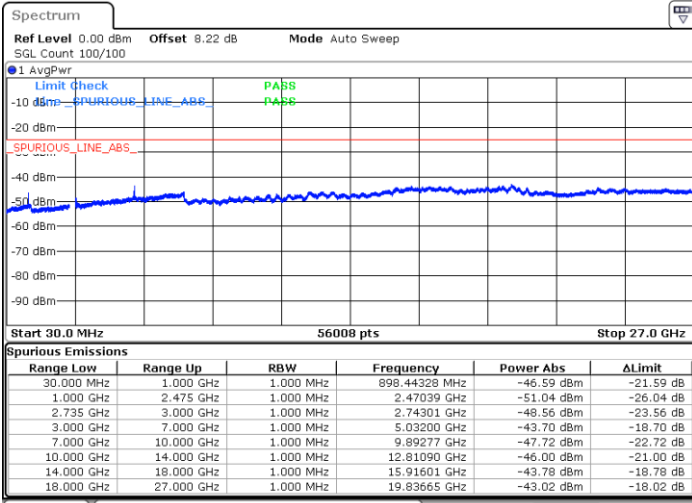


LTE Band 41C / 20MHz+20MHz

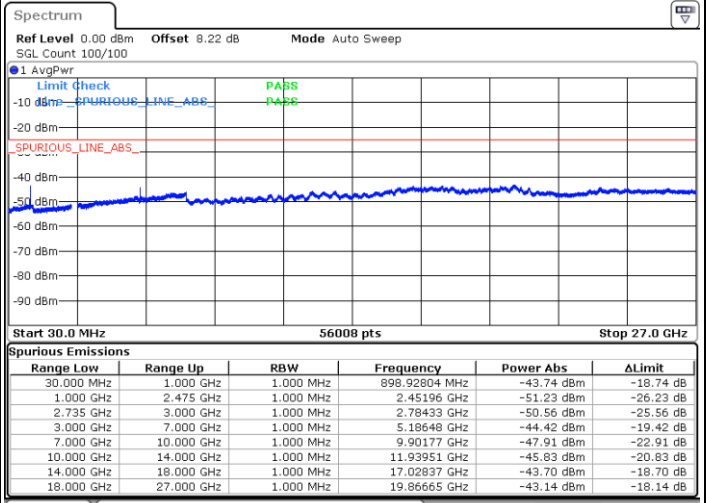
QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



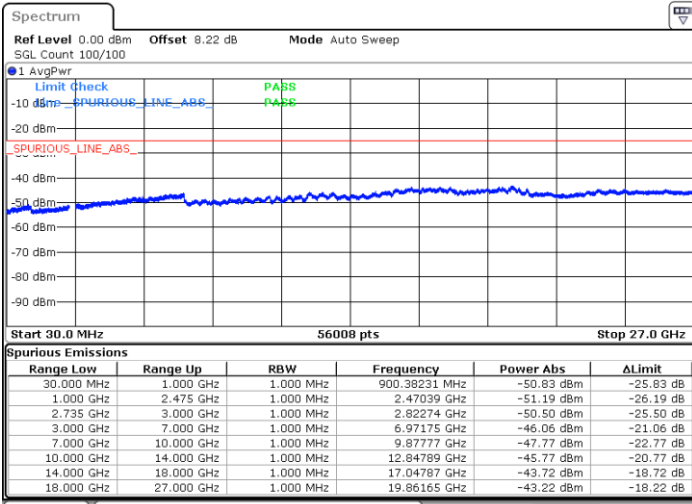
Date: 7.SEP.2021 14:35:28



Date: 7.SEP.2021 14:37:27

Highest Channel / 1RB99and 1RB0

N/A



Date: 7.SEP.2021 14:32:45



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 =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

<Ant. 1>

LTE Band 7 / 20MHz / 16QAM								
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	-57.41	-25	-32.41	-67.62	3.03	13.24	H
	7580	-52.79	-25	-27.79	-62.24	3.56	13.01	H
	10100	-60.18	-25	-35.18	-69.70	3.92	13.44	H
	5052	-57.13	-25	-32.13	-67.34	3.03	13.24	V
	7580	-54.73	-25	-29.73	-64.18	3.56	13.01	V
	10100	-60.46	-25	-35.46	-69.98	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	-55.21	-25	-30.21	-65.42	3.03	13.24	H
	7752	-55.24	-25	-30.24	-64.69	3.56	13.01	H
	10340	-57.53	-25	-32.53	-67.05	3.92	13.44	H
	5168	-53.76	-25	-28.76	-63.97	3.03	13.24	V
	7752	-58.69	-25	-33.69	-68.14	3.56	13.01	V
	10340	-57.94	-25	-32.94	-67.46	3.92	13.44	V

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

LTE Band 7C_CA / 20MHz+20MHz / 64QAM								
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	5032	-58.23	-25	-33.23	-68.44	3.03	13.24	H
	7548	-48.80	-25	-23.80	-58.25	3.56	13.01	H
	10060	-59.49	-25	-34.49	-69.01	3.92	13.44	H
	5032	-59.34	-25	-34.34	-69.55	3.03	13.24	V
	7548	-49.79	-25	-24.79	-59.24	3.56	13.01	V
	10060	-59.18	-25	-34.18	-68.70	3.92	13.44	V

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



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	-55.92	-25	-30.92	-66.13	3.03	13.24	H
	7724	-51.22	-25	-26.22	-60.67	3.56	13.01	H
	10300	-58.47	-25	-33.47	-67.99	3.92	13.44	H
	5148	-57.62	-25	-32.62	-67.83	3.03	13.24	V
	7724	-53.76	-25	-28.76	-63.21	3.56	13.01	V
	10300	-58.57	-25	-33.57	-68.09	3.92	13.44	V

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