

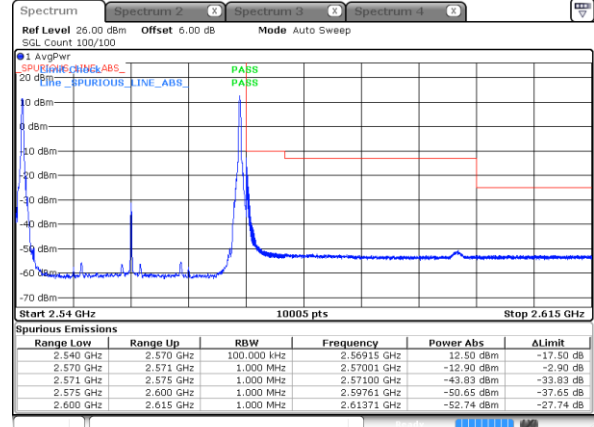
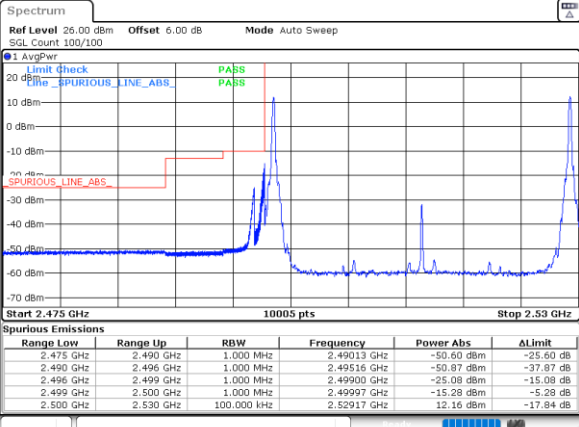


LTE Band 7C / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

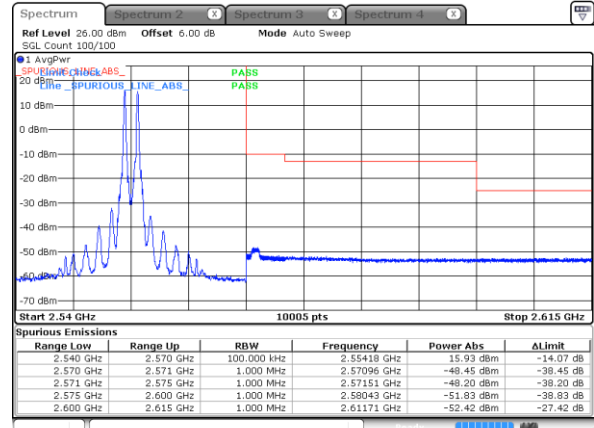
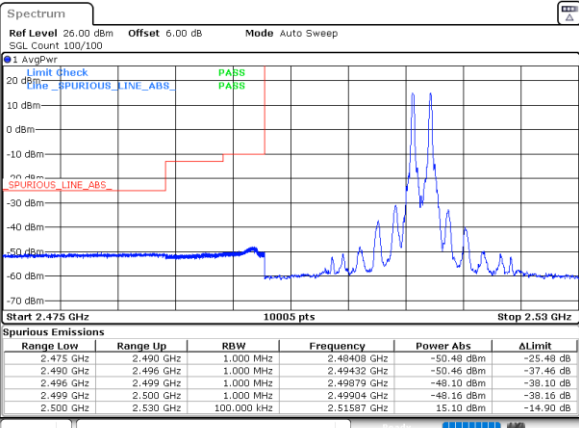


Date: 5.NOV.2021 09:43:42

Date: 16 NOV 2021 04:13:28

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

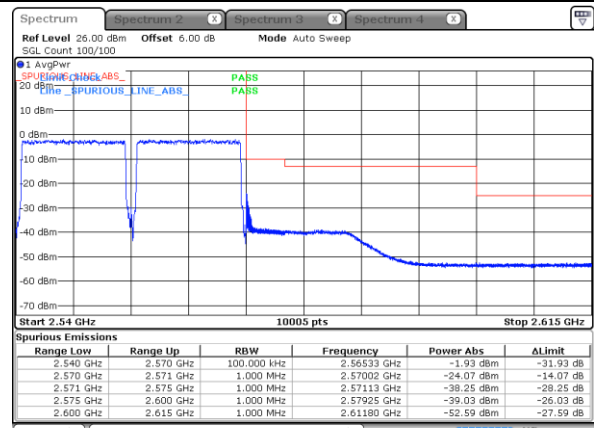
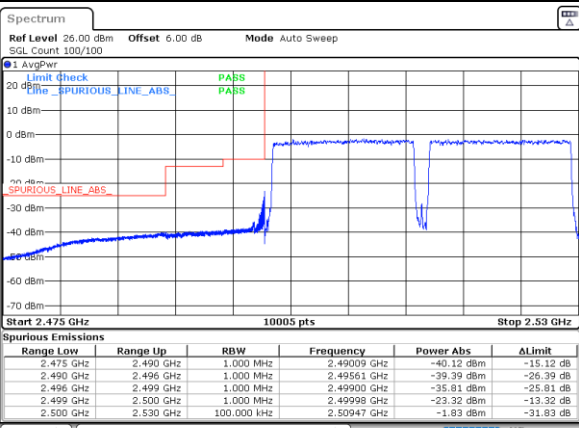


Date: 5.NOV.2021 09:44:09

Date: 16 NOV 2021 04:13:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2021 09:43:09

Date: 16 NOV 2021 04:12:45

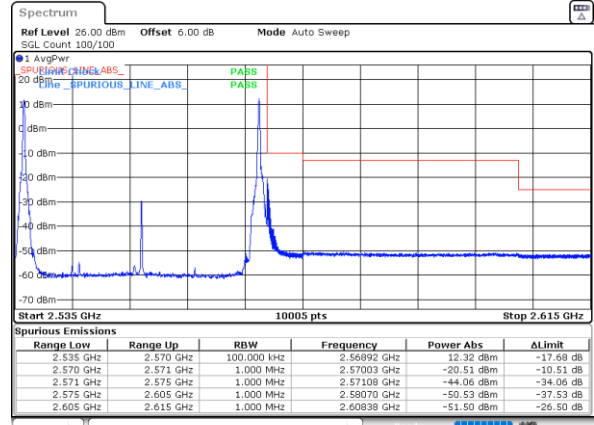
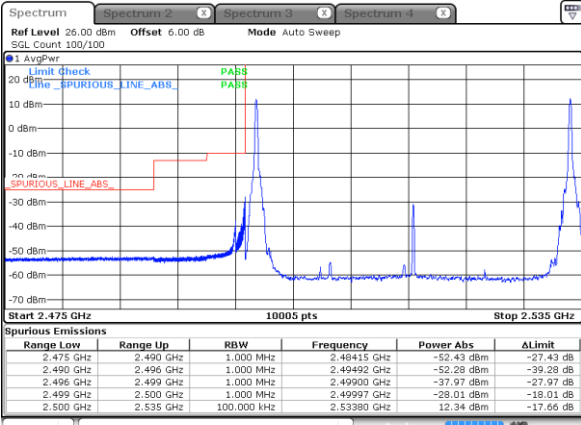


LTE Band 7C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

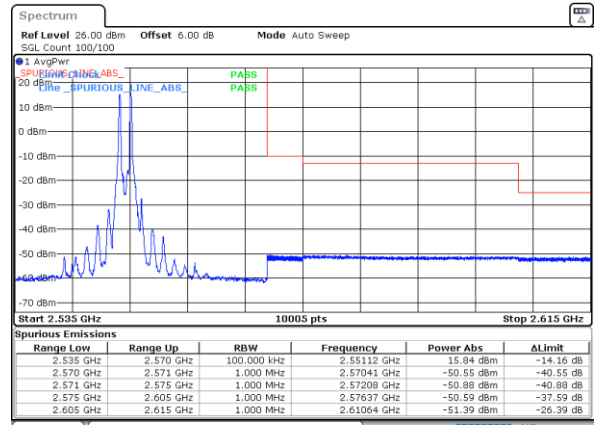
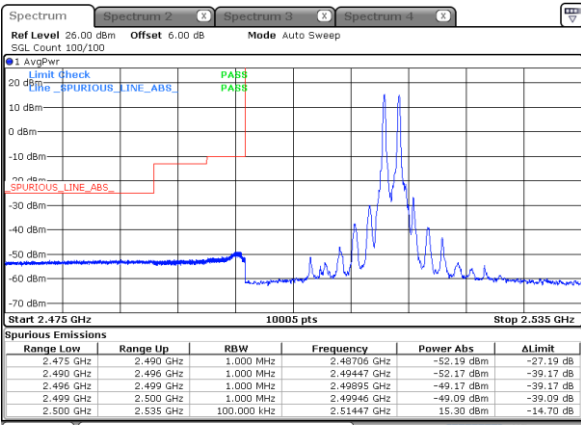


Date: 16 NOV 2021 03:56:14

Date: 5 NOV 2021 08:55:58

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

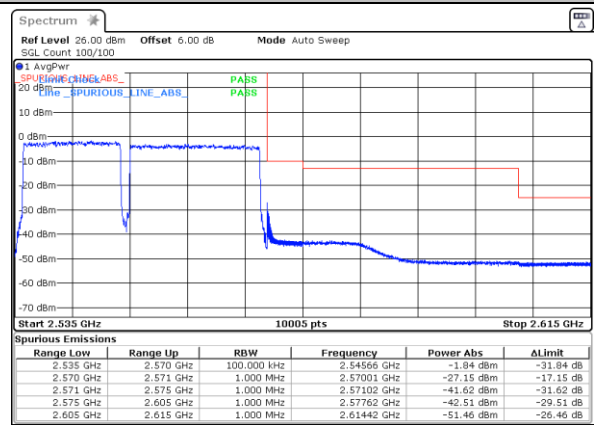
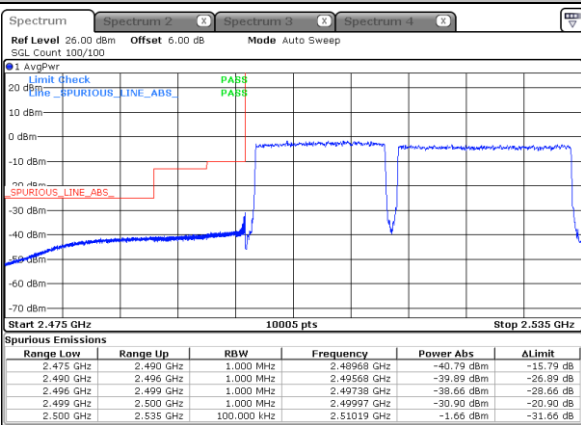


Date: 16 NOV 2021 03:55:22

Date: 5 NOV 2021 08:57:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 NOV 2021 03:56:54

Date: 5 NOV 2021 08:54:26

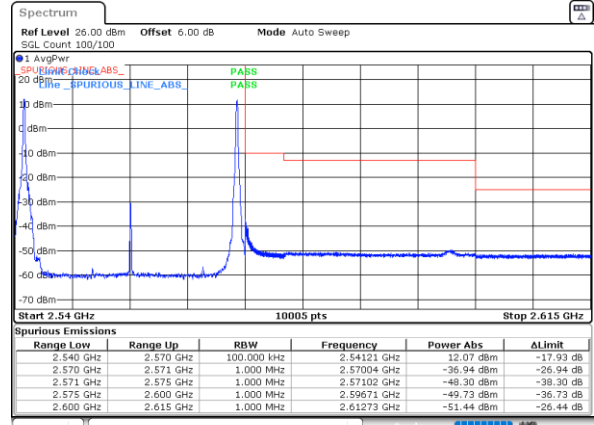
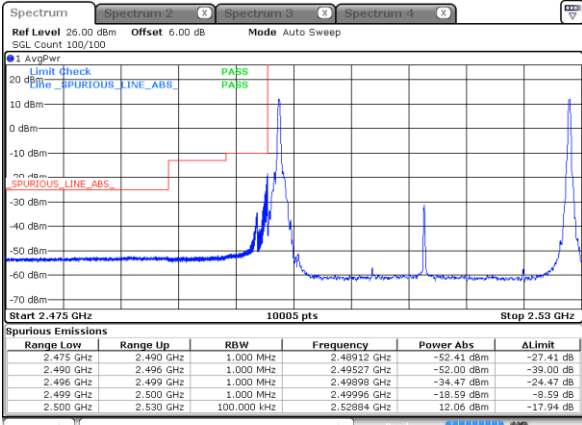


LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

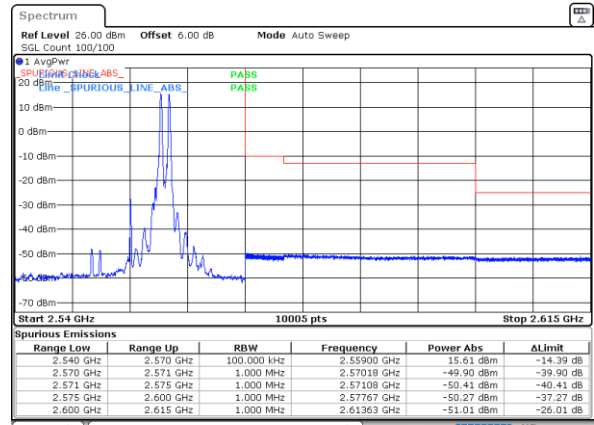
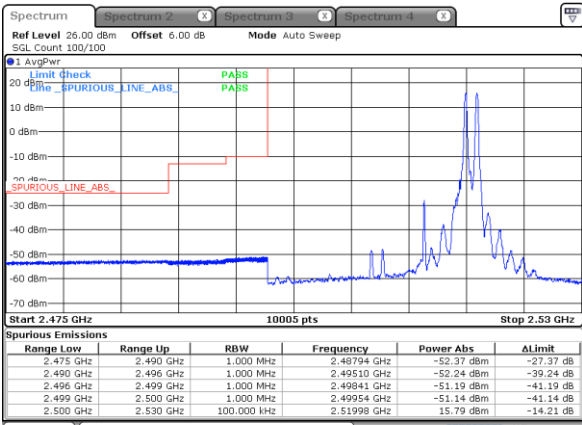


Date: 16 NOV 2021 04:00:05

Date: 5 NOV 2021 09:22:11

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

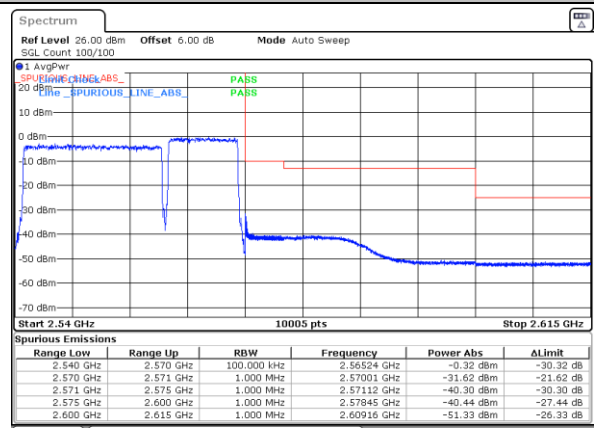
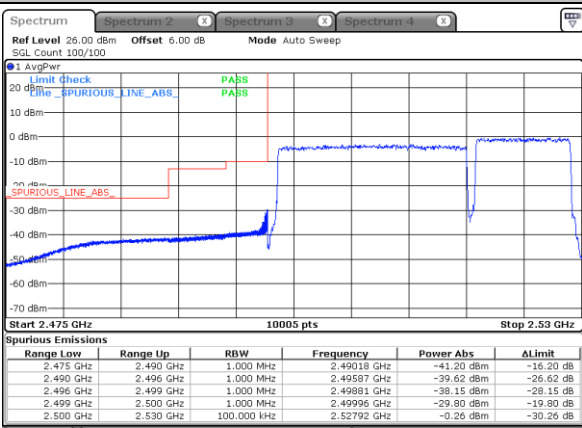


Date: 16 NOV 2021 04:00:59

Date: 5 NOV 2021 09:20:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 NOV 2021 03:58:57

Date: 5 NOV 2021 09:22:46

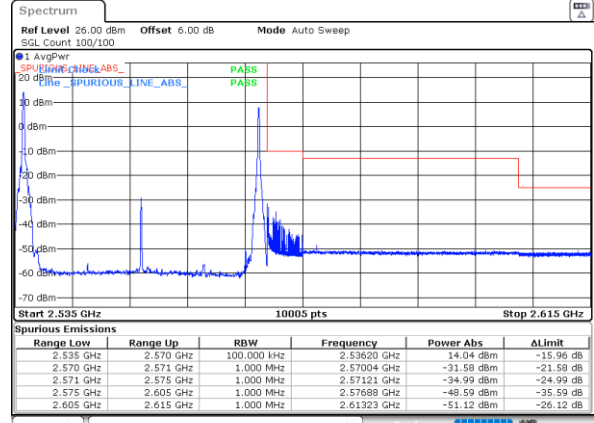
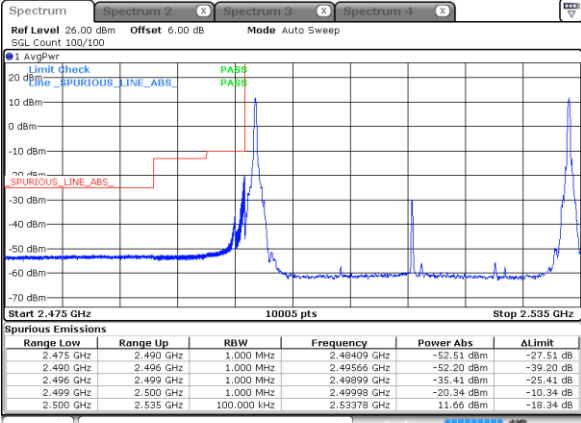


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

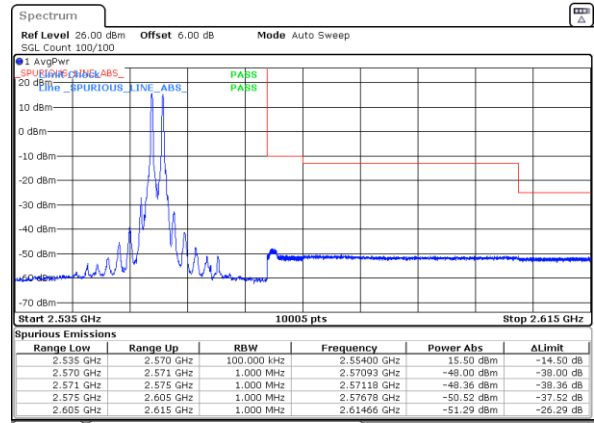
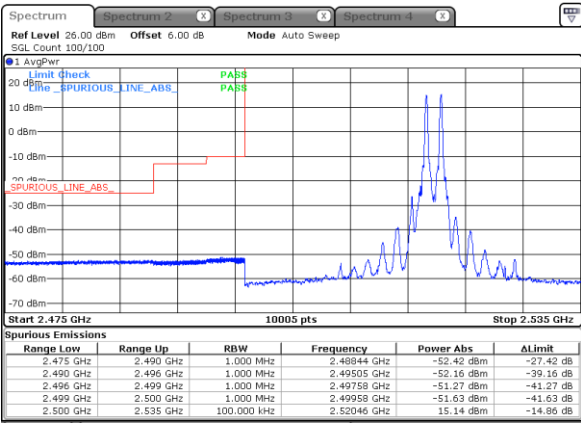


Date: 16 NOV 2021 04:03:48

Date: 5 NOV 2021 08:28:59

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

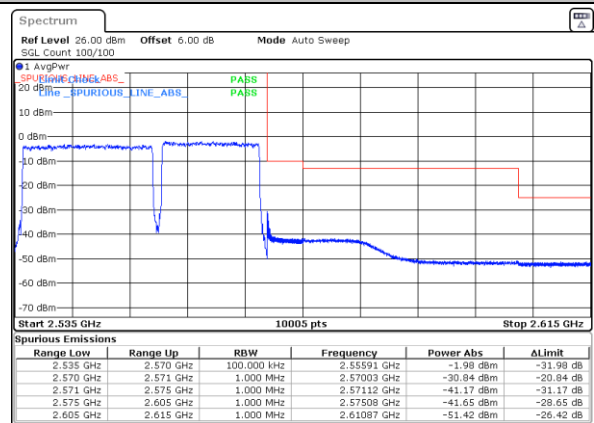
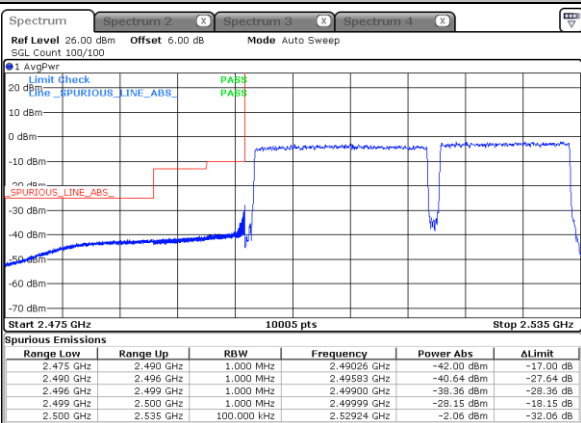


Date: 16 NOV 2021 04:03:12

Date: 5 NOV 2021 09:13:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16 NOV 2021 04:04:35

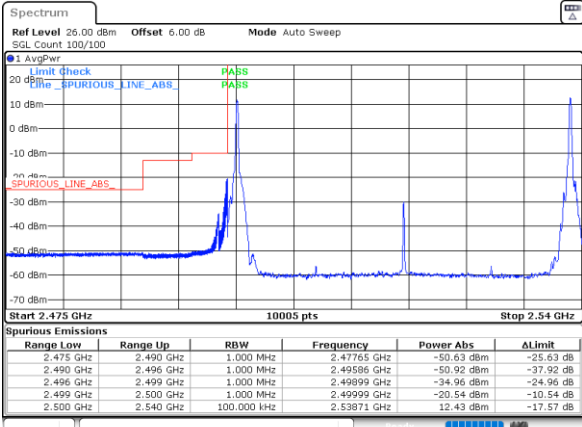
Date: 5 NOV 2021 09:14:20



LTE Band 7C / 20MHz+20MHz

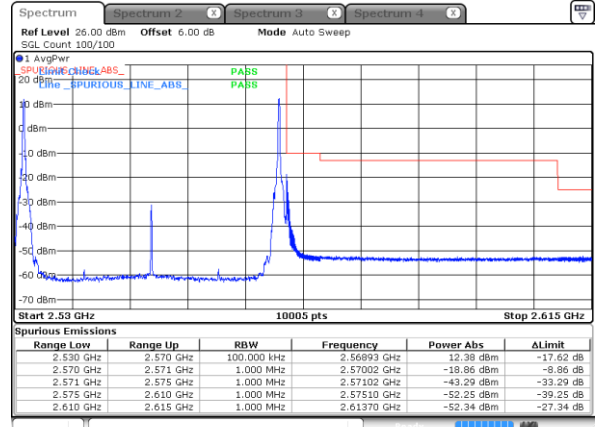
256QAM

Lowest Band Edge / 1RB0 and 1RB99



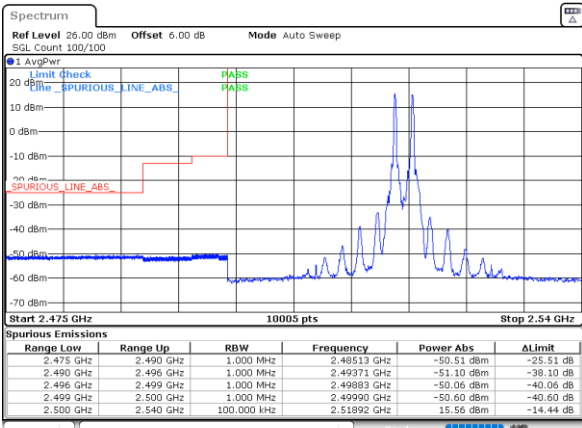
Date: 5.NOV.2021 09:02:51

Highest Band Edge / 1RB0 and 1RB99



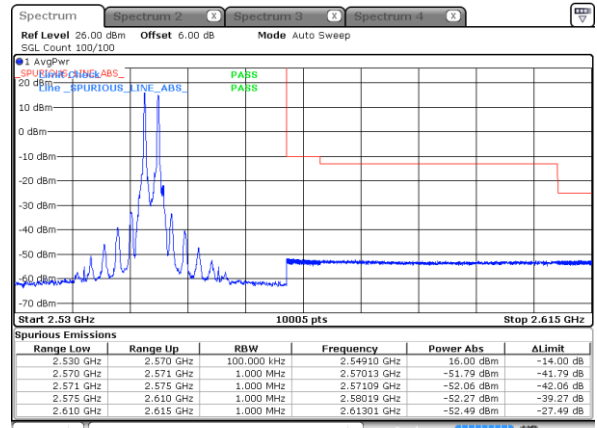
Date: 16 NOV 2021 04:16:40

Lowest Band Edge / 1RB99 and 1RB0



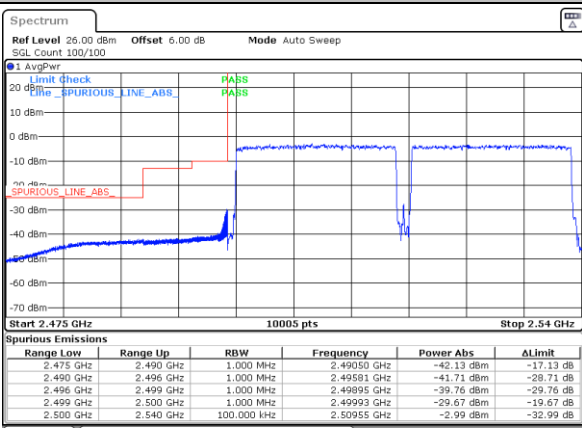
Date: 5.NOV.2021 09:03:31

Highest Band Edge / 1RB99 and 1RB0



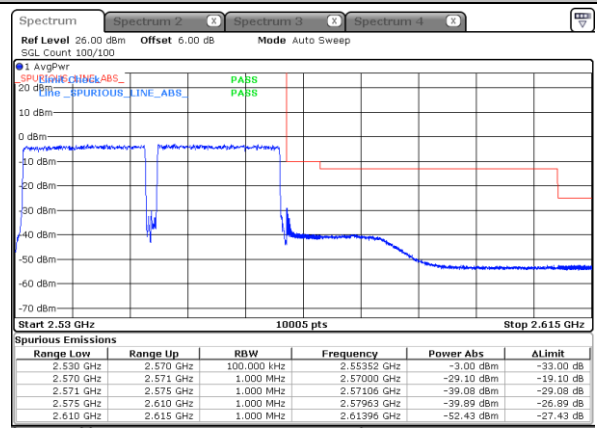
Date: 16 NOV 2021 04:17:08

Lowest Band Edge / Full RB



Date: 5.NOV.2021 09:02:12

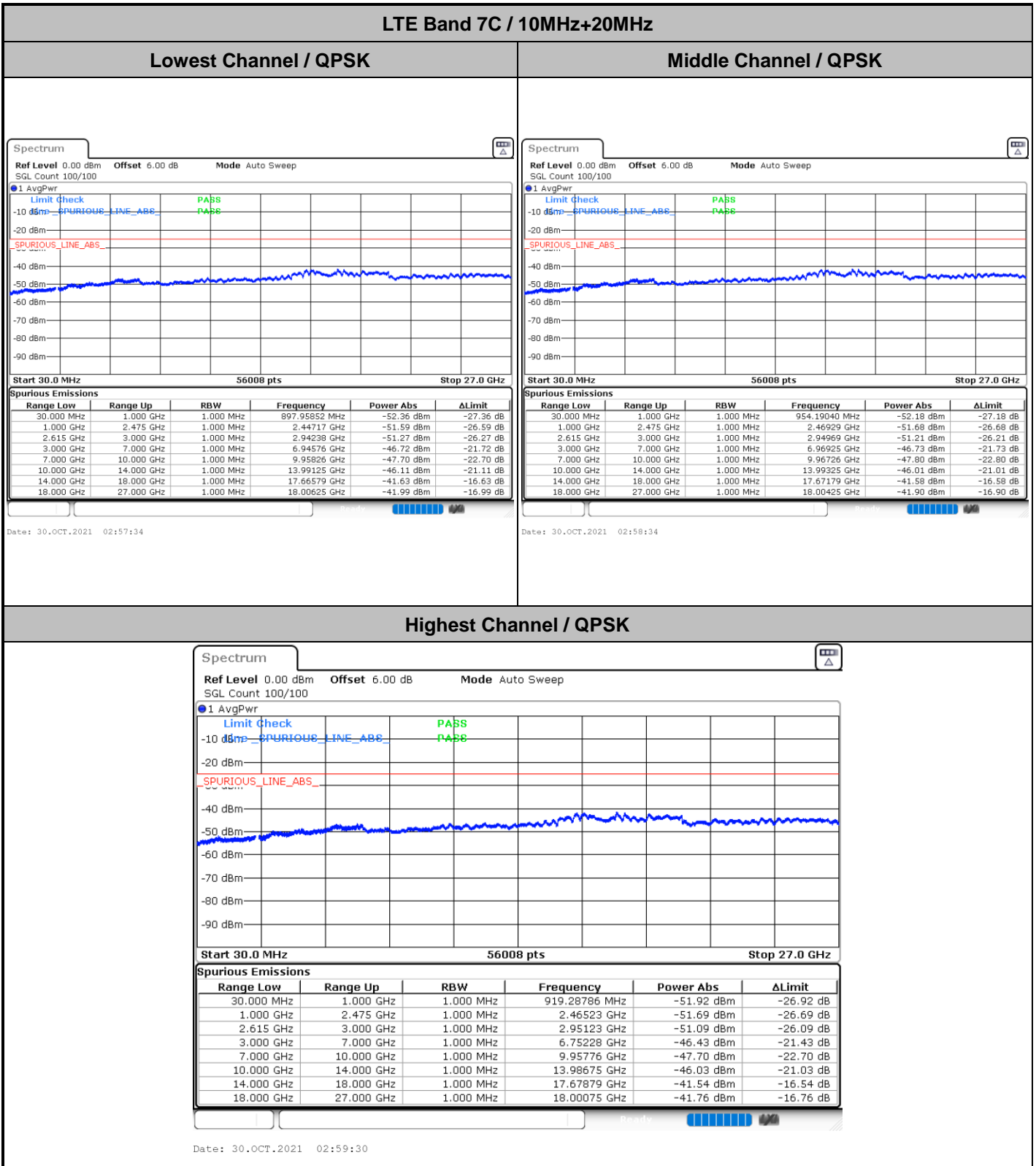
Highest Band Edge / Full RB



Date: 16 NOV 2021 04:16:09



Conducted Spurious Emission

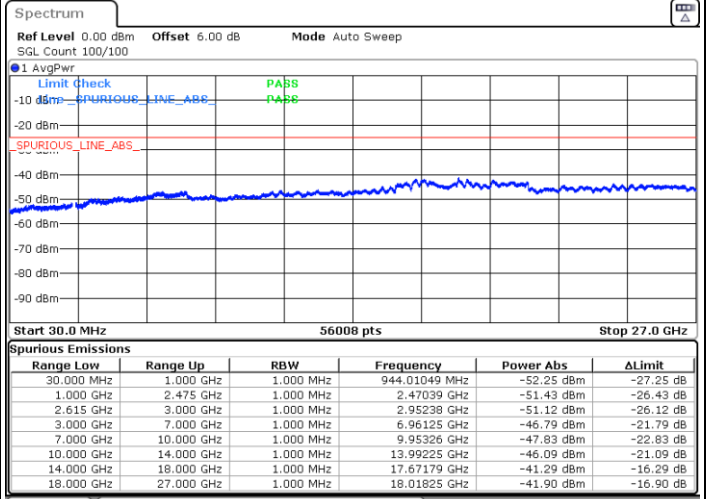
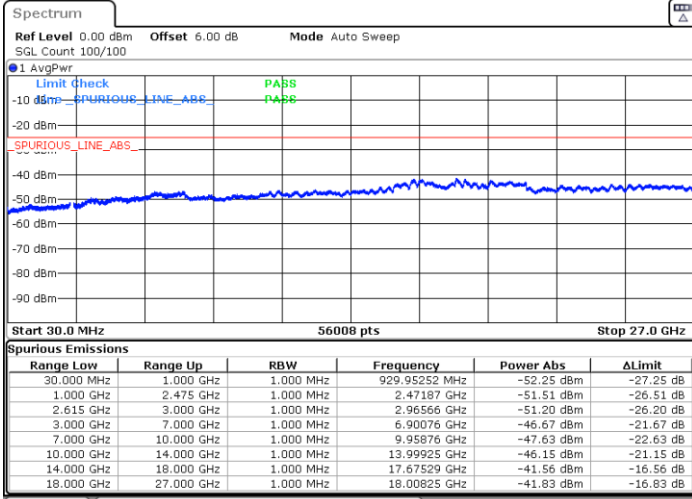




LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

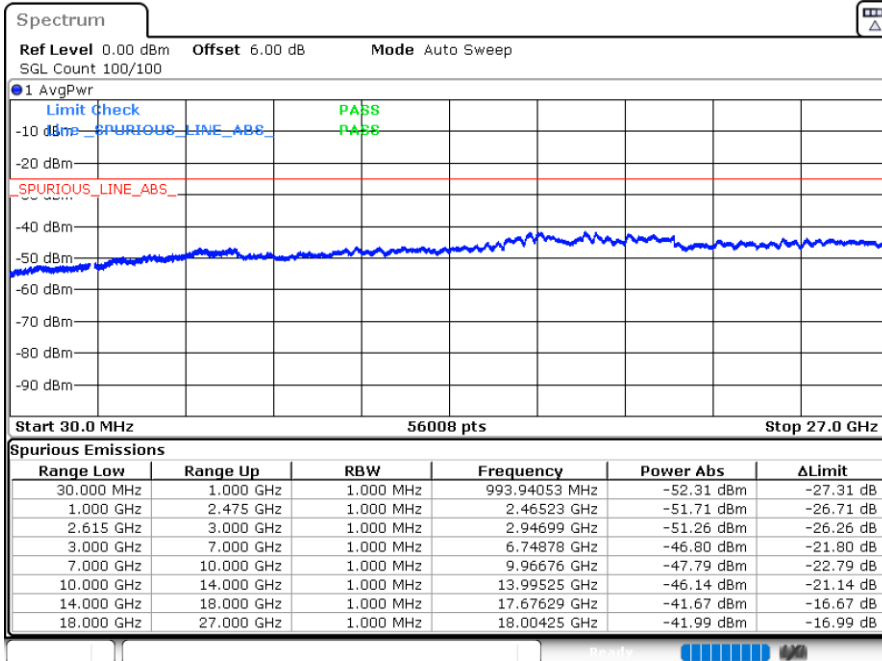
Middle Channel / QPSK



Date: 30.OCT.2021 06:49:04

Date: 30.OCT.2021 06:50:10

Highest Channel / QPSK



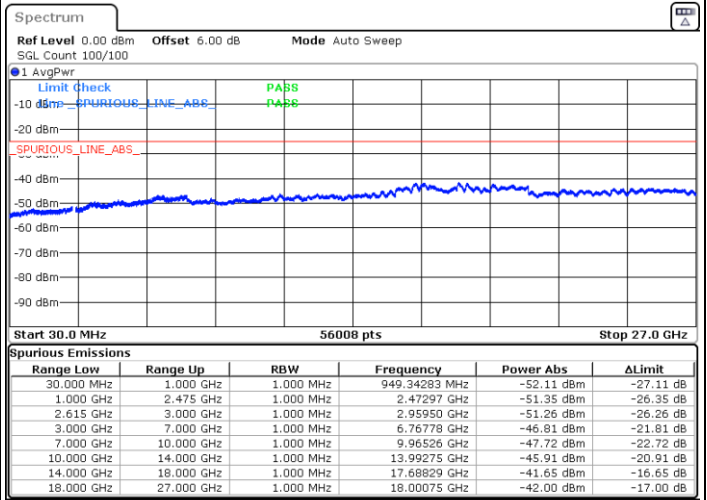
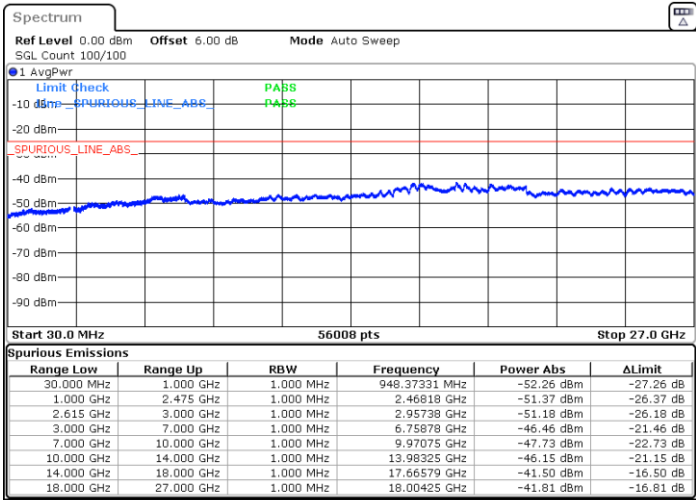
Date: 30.OCT.2021 06:55:53



LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

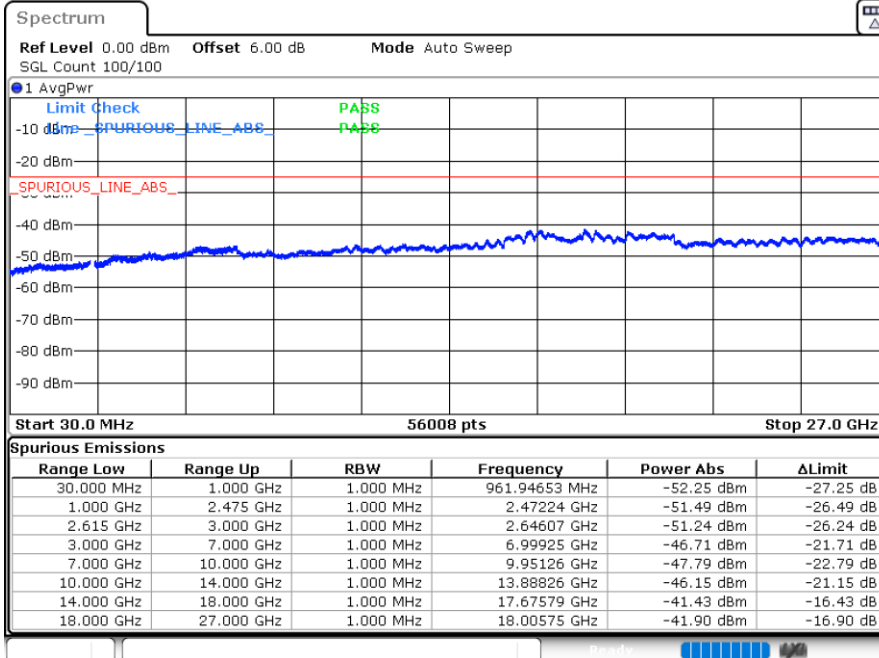
Middle Channel / QPSK



Date: 30.OCT.2021 04:10:29

Date: 30.OCT.2021 04:11:27

Highest Channel / QPSK



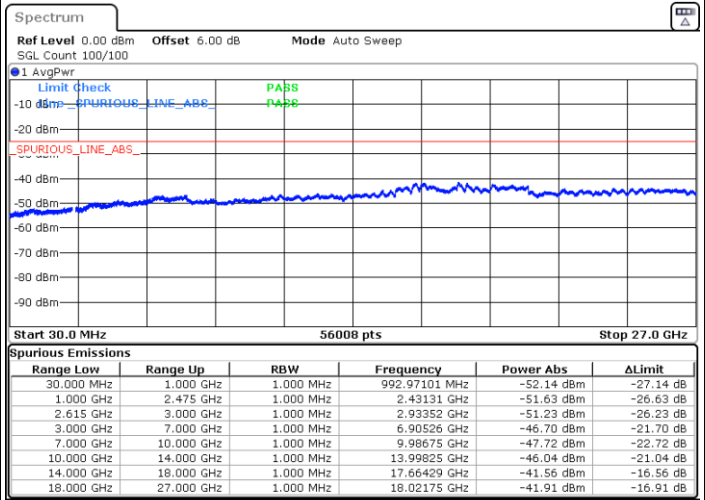
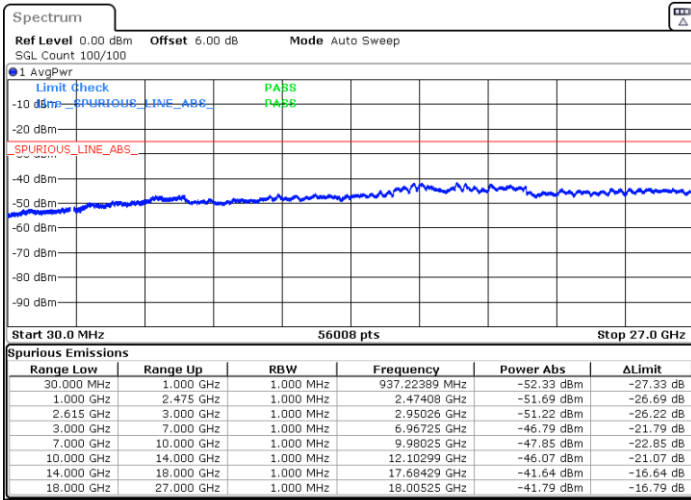
Date: 30.OCT.2021 04:12:22



LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

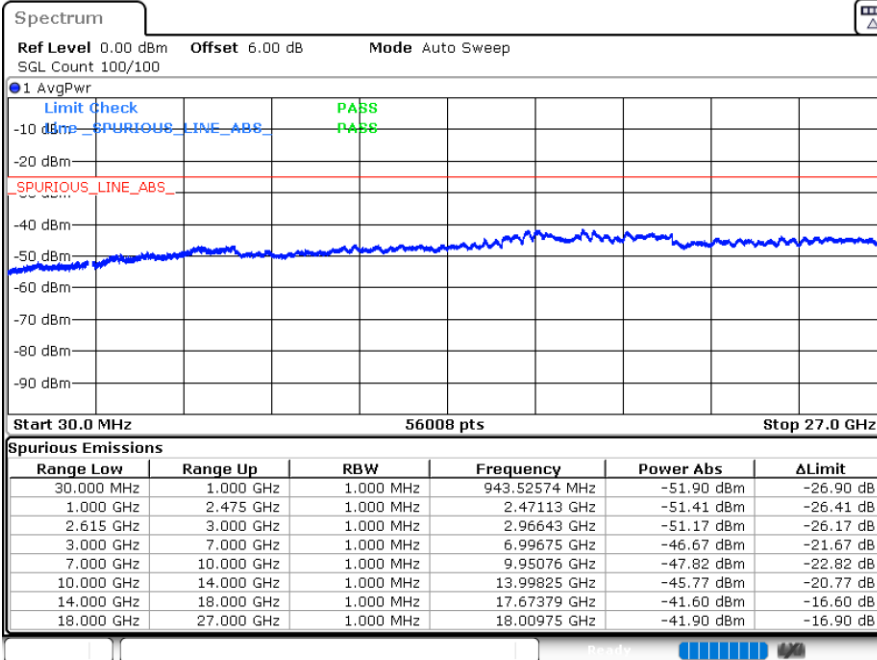
Middle Channel / QPSK



Date: 30.OCT.2021 04:34:09

Date: 30.OCT.2021 04:35:48

Highest Channel / QPSK



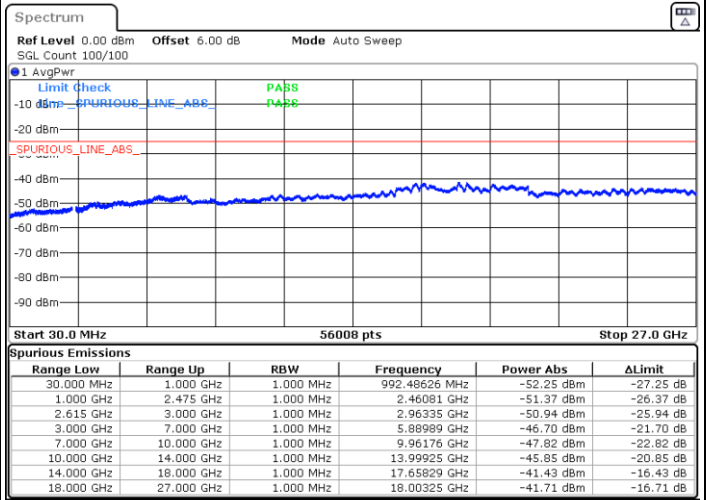
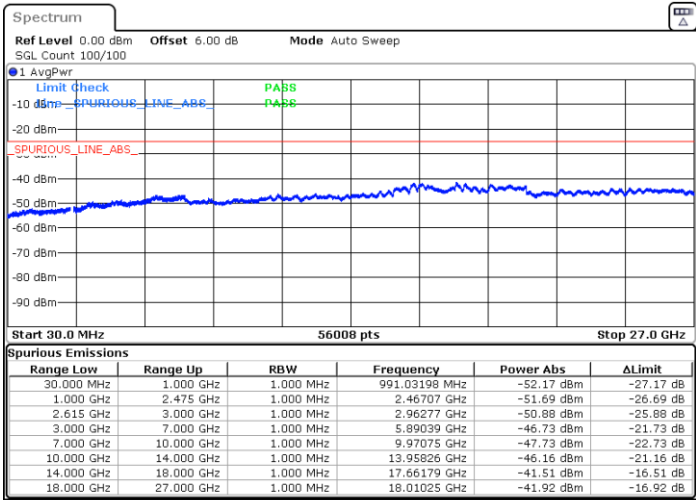
Date: 30.OCT.2021 04:37:30



LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

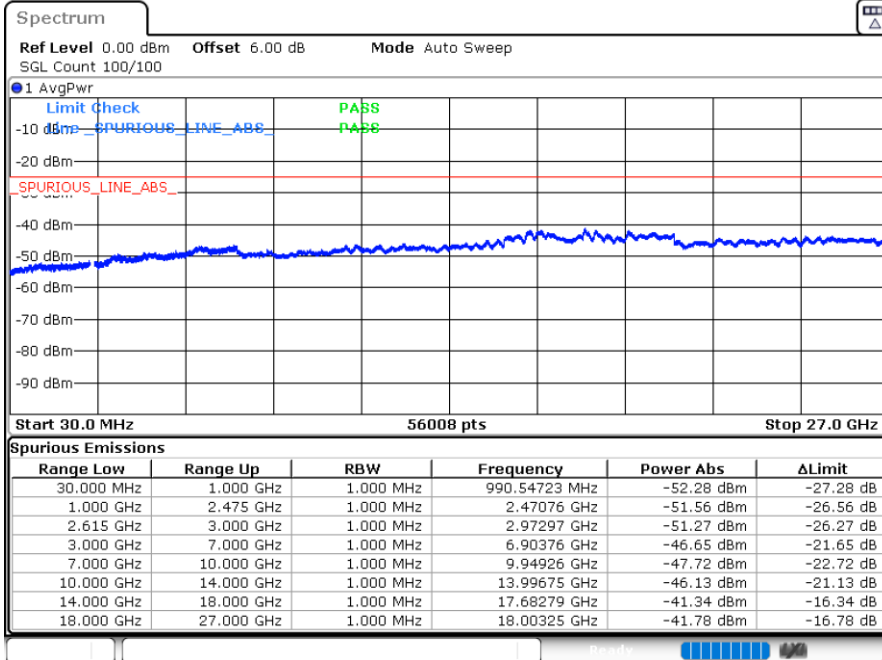
Middle Channel / QPSK



Date: 30.OCT.2021 03:43:58

Date: 30.OCT.2021 03:46:39

Highest Channel / QPSK



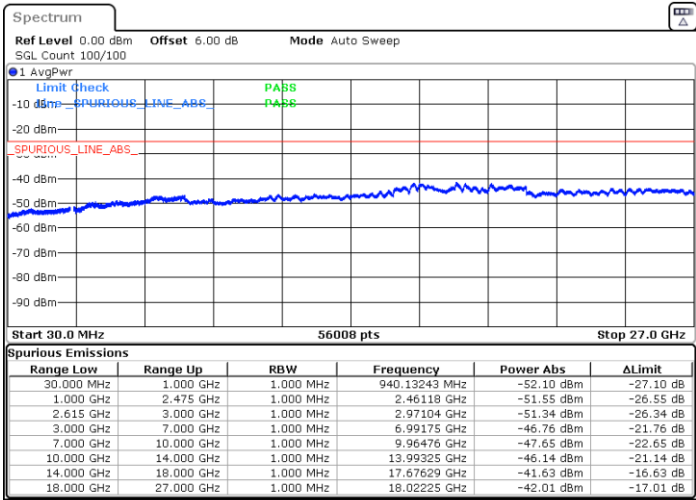
Date: 30.OCT.2021 03:49:10



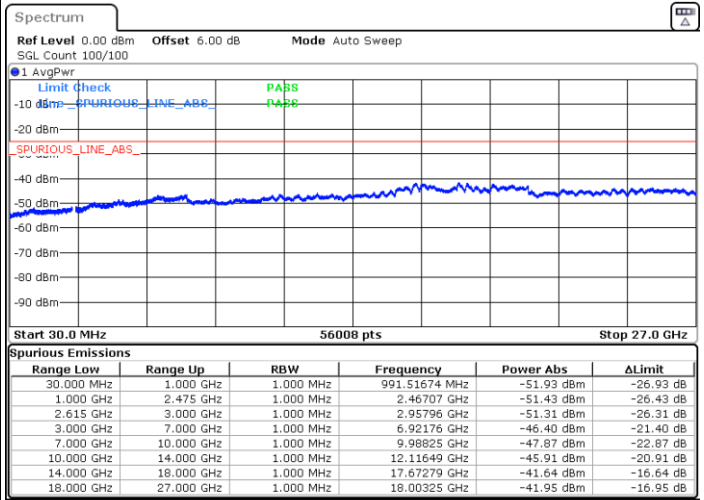
LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

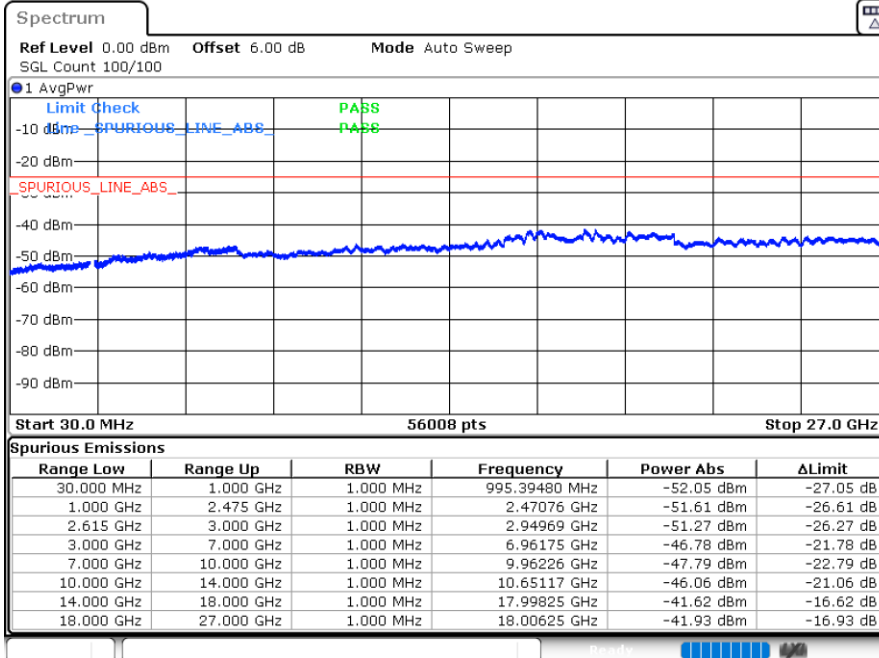


Date: 30.OCT.2021 05:20:18



Date: 30.OCT.2021 05:21:14

Highest Channel / QPSK



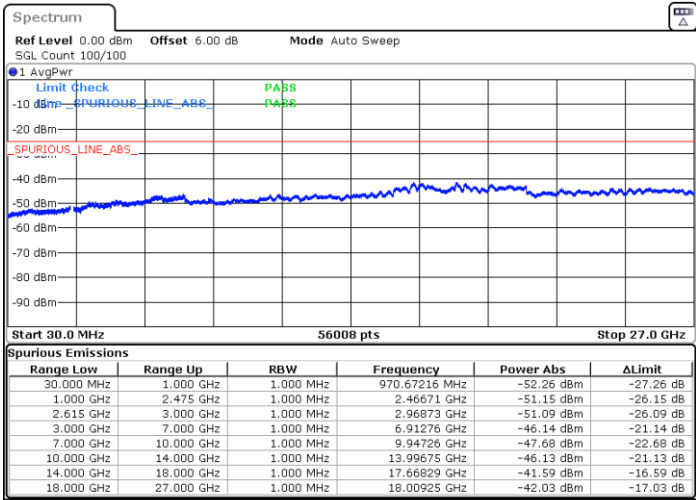
Date: 30.OCT.2021 05:22:27



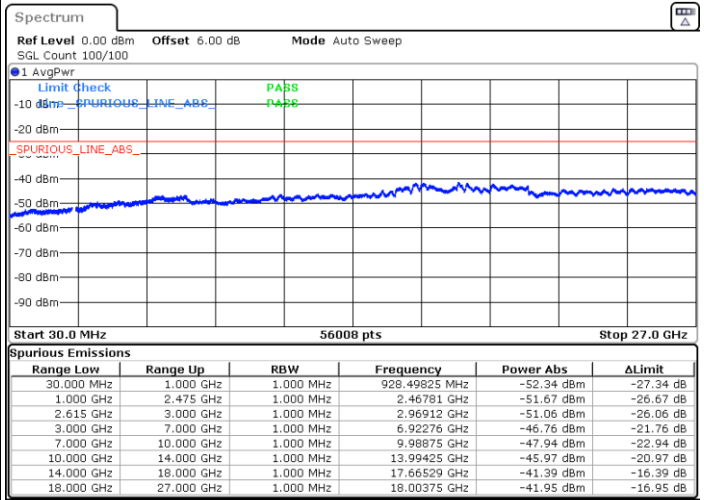
LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

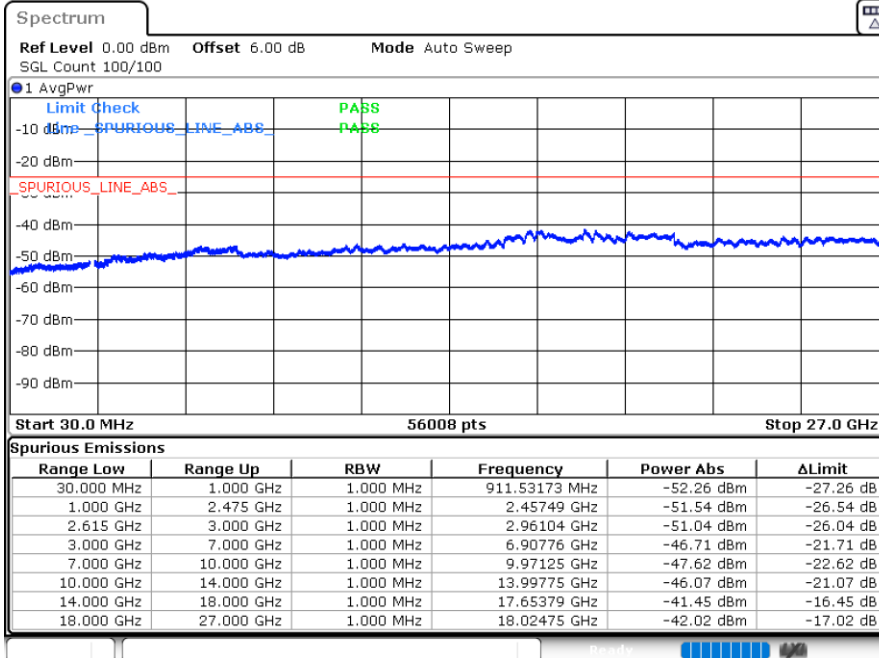


Date: 30.OCT.2021 06:27:13



Date: 30.OCT.2021 06:28:31

Highest Channel / QPSK



Date: 30.OCT.2021 06:29:29



Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.03	PASS
40	Normal Voltage	0.02	
30	Normal Voltage	-0.02	
20(Ref.)	Normal Voltage	0.01	
10	Normal Voltage	0.01	
0	Normal Voltage	-0.02	
-10	Normal Voltage	0.03	
-20	Normal Voltage	-0.01	
-30	Normal Voltage	-0.02	
20	Maximum Voltage	0.02	
20	Normal Voltage	0.02	
20	Battery End Point	-0.02	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4V. ; 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 :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

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	-62.59	-25	-37.59	-72.80	3.03	13.24	H
	7580	-47.91	-25	-22.91	-57.36	3.56	13.01	H
	10100	-61.58	-25	-36.58	-71.10	3.92	13.44	H
	5052	-63.66	-25	-38.66	-73.87	3.03	13.24	V
	7580	-46.83	-25	-21.83	-56.28	3.56	13.01	V
	10100	-62.10	-25	-37.10	-71.62	3.92	13.44	V

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

LTE Band 38 / 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	5172	-66.80	-25	-41.80	-77.01	3.03	13.24	H
	7760	-49.29	-25	-24.29	-58.74	3.56	13.01	H
	10340	-63.04	-25	-38.04	-72.56	3.92	13.44	H
	5172	-67.21	-25	-42.21	-77.42	3.03	13.24	V
	7760	-48.66	-25	-23.66	-58.11	3.56	13.01	V
	10340	-63.94	-25	-38.94	-73.46	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	-62.64	-25	-37.64	-72.85	3.03	13.24	H
	7752	-52.67	-25	-27.67	-62.12	3.56	13.01	H
	10340	-61.10	-25	-36.10	-70.62	3.92	13.44	H
	5168	-63.20	-25	-38.20	-73.41	3.03	13.24	V
	7752	-48.81	-25	-23.81	-58.26	3.56	13.01	V
	10340	-61.09	-25	-36.09	-70.61	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 / 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	5032	-58.67	-25	-33.67	-68.88	3.03	13.24	H
	7548	-56.42	-25	-31.42	-65.87	3.56	13.01	H
	10060	-59.44	-25	-34.44	-68.96	3.92	13.44	H
	5032	-61.10	-25	-36.10	-71.31	3.03	13.24	V
	7548	-57.23	-25	-32.23	-66.68	3.56	13.01	V
	10060	-59.92	-25	-34.92	-69.44	3.92	13.44	V

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