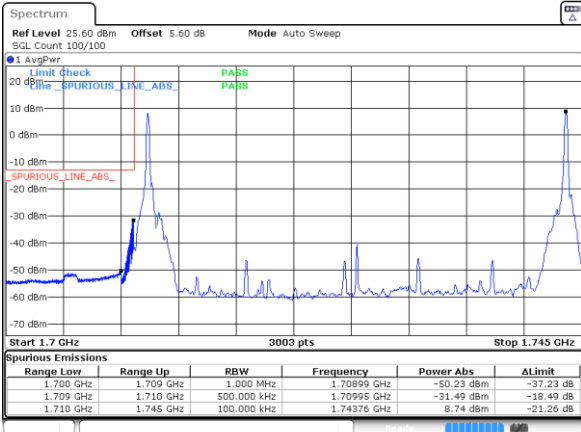




LTE Band 66C / 20MHz+15MHz

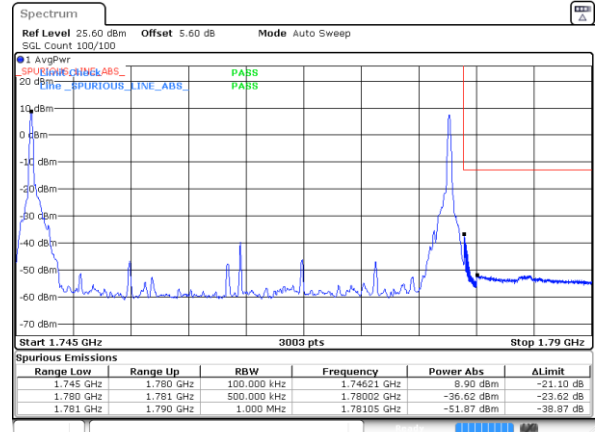
QPSK

Lowest Band Edge / 1RB0 and 1RB74



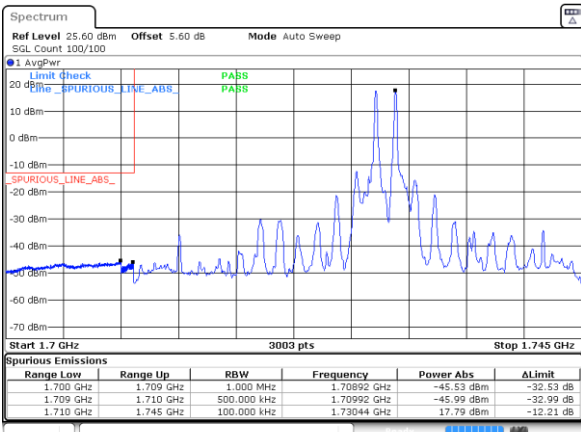
Date: 27 DEC 2021 22:50:02

Highest Band Edge / 1RB0 and 1RB74



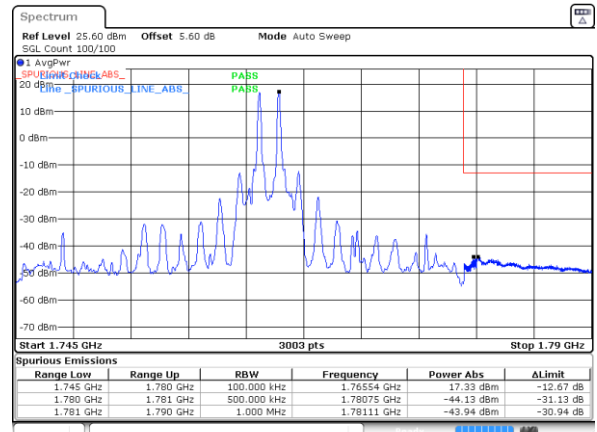
Date: 27 DEC 2021 23:20:30

Lowest Band Edge / 1RB99 and 1RB0



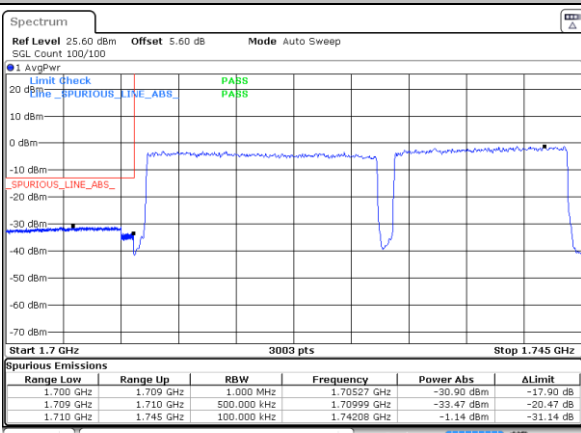
Date: 27 DEC 2021 22:50:51

Highest Band Edge / 1RB99 and 1RB0



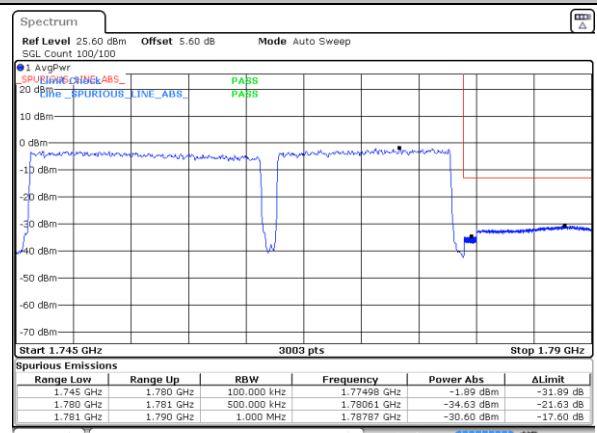
Date: 27 DEC 2021 23:13:43

Lowest Band Edge / Full RB



Date: 27 DEC 2021 22:42:35

Highest Band Edge / Full RB



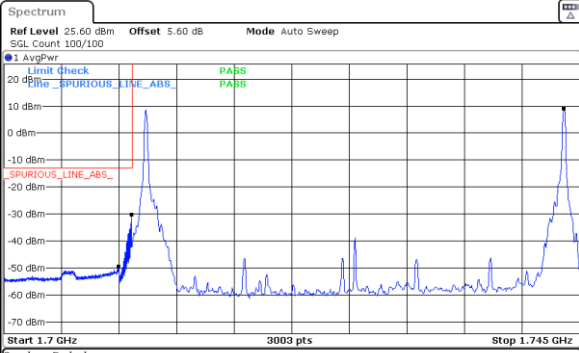
Date: 27 DEC 2021 23:19:44



LTE Band 66C / 20MHz+15MHz

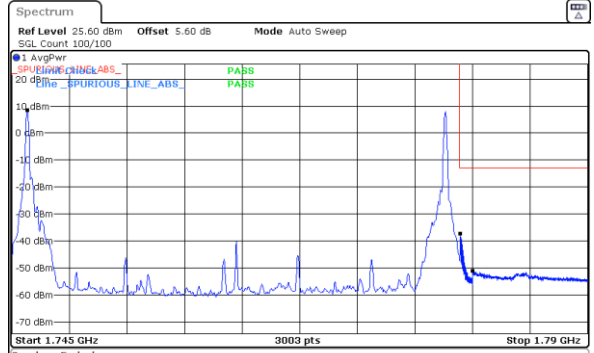
16QAM

Lowest Band Edge / 1RB0 and 1RB74



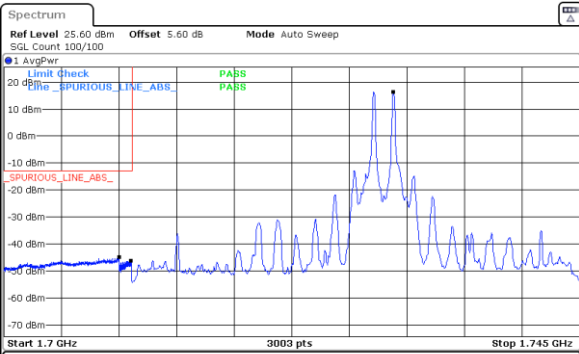
Date: 27 DEC 2021 22:49:02

Highest Band Edge / 1RB0 and 1RB74



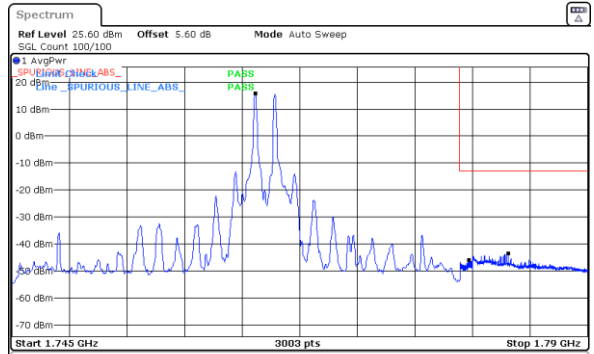
Date: 27 DEC 2021 23:16:40

Lowest Band Edge / 1RB99 and 1RB0



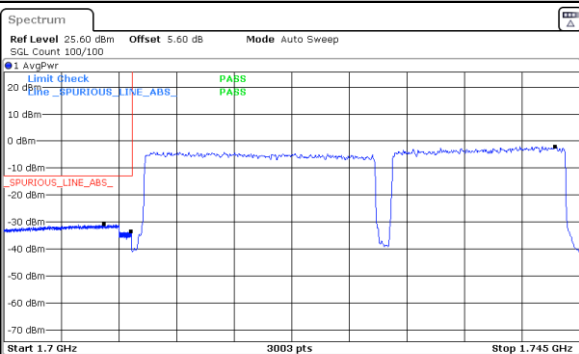
Date: 27 DEC 2021 22:54:03

Highest Band Edge / 1RB99 and 1RB0



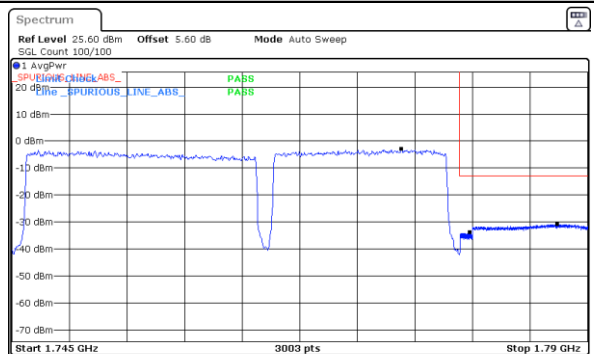
Date: 27 DEC 2021 23:14:39

Lowest Band Edge / Full RB



Date: 27 DEC 2021 22:45:55

Highest Band Edge / Full RB



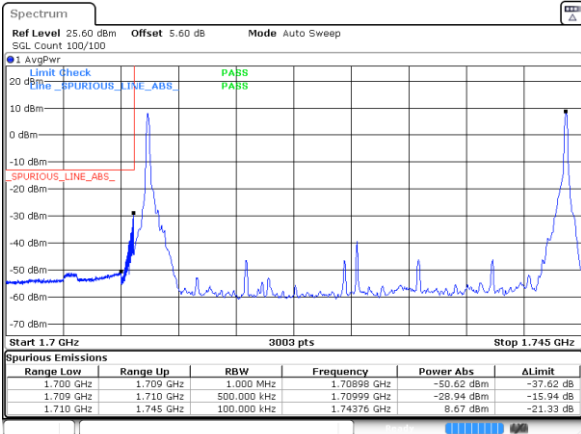
Date: 27 DEC 2021 23:18:47



LTE Band 66C / 20MHz+15MHz

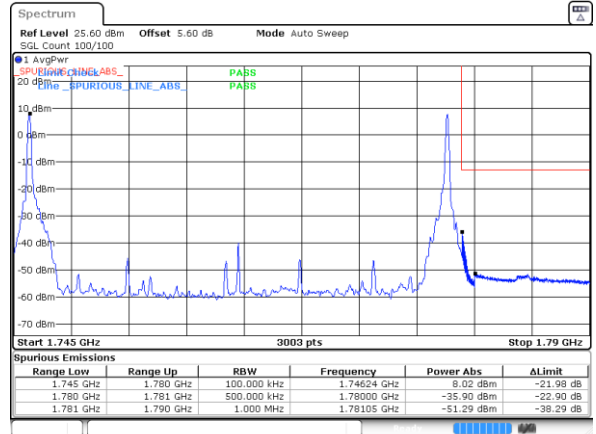
64QAM

Lowest Band Edge / 1RB0 and 1RB74



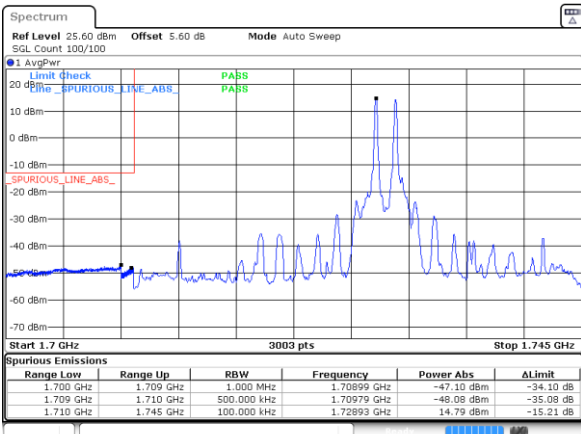
Date: 27 DEC 2021 22:48:22

Highest Band Edge / 1RB0 and 1RB74



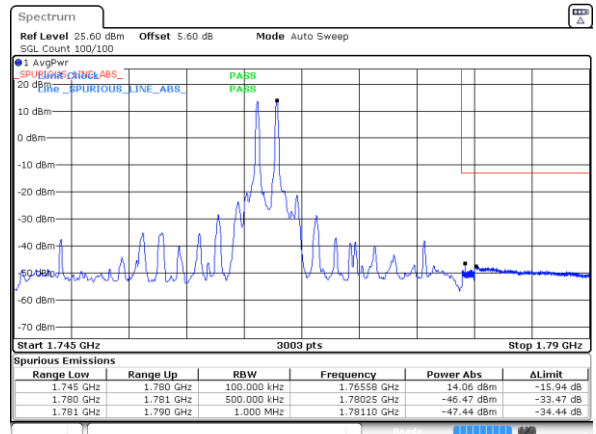
Date: 27 DEC 2021 23:17:21

Lowest Band Edge / 1RB99 and 1RB0



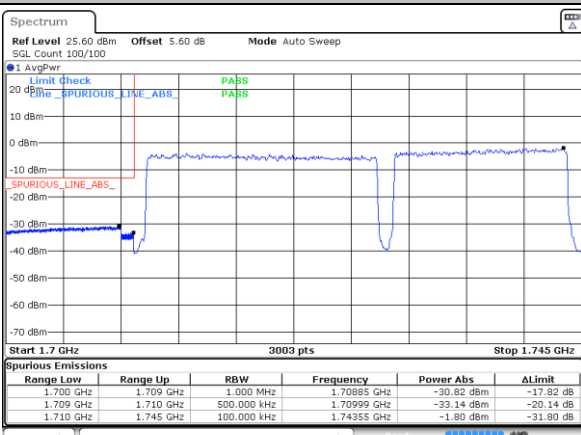
Date: 27 DEC 2021 23:07:15

Highest Band Edge / 1RB99 and 1RB0



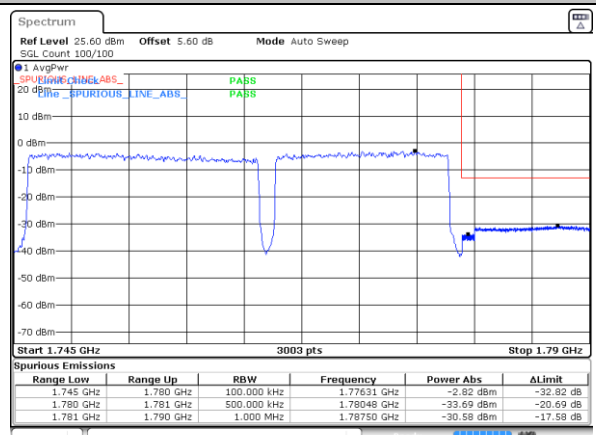
Date: 27 DEC 2021 23:15:20

Lowest Band Edge / Full RB



Date: 27 DEC 2021 22:46:30

Highest Band Edge / Full RB



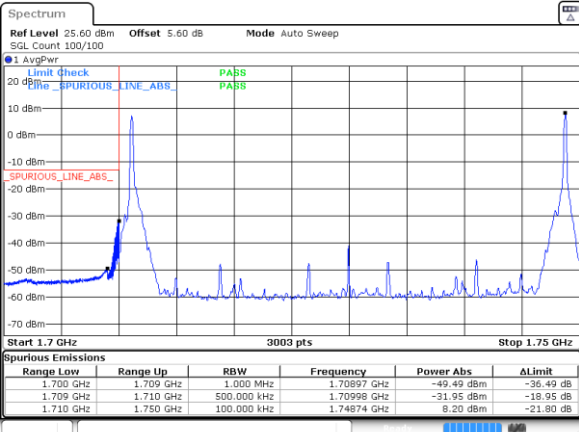
Date: 27 DEC 2021 23:18:06



LTE Band 66C / 20MHz+20MHz

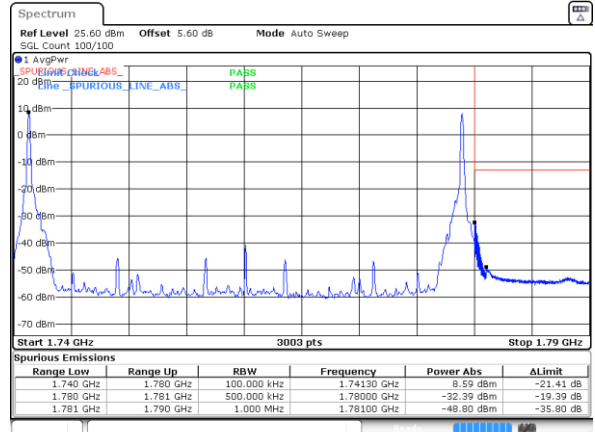
QPSK

Lowest Band Edge / 1RB0 and 1RB9



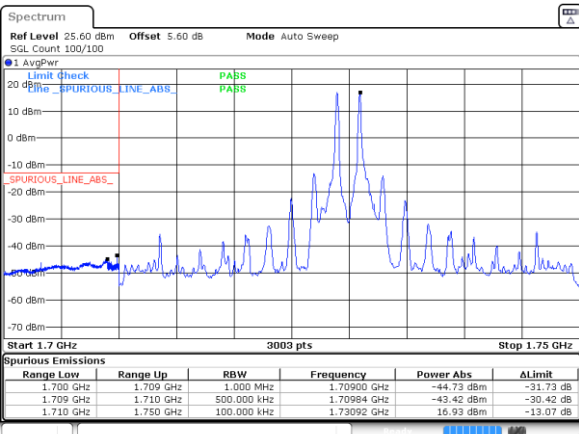
Date: 27 DEC 2021 23:40:14

Highest Band Edge / 1RB0 and 1RB9



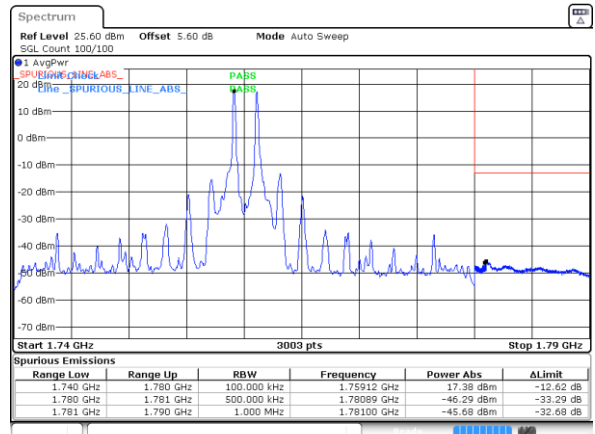
Date: 27 DEC 2021 23:58:01

Lowest Band Edge / 1RB99 and 1RB0



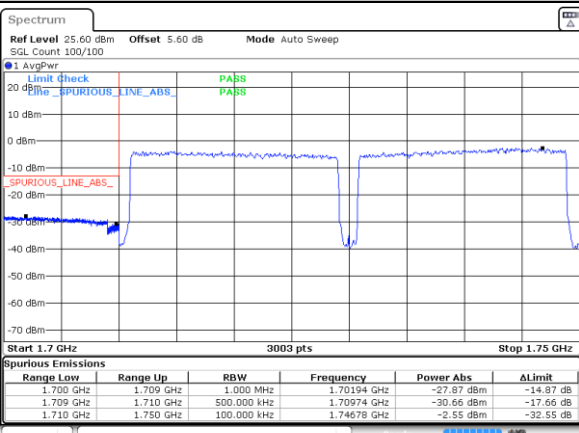
Date: 27 DEC 2021 23:40:51

Highest Band Edge / 1RB99 and 1RB0



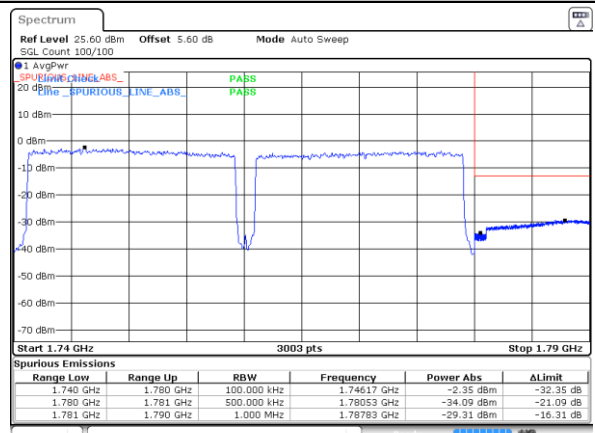
Date: 28 DEC 2021 00:05:07

Lowest Band Edge / Full RB



Date: 27 DEC 2021 23:24:58

Highest Band Edge / Full RB



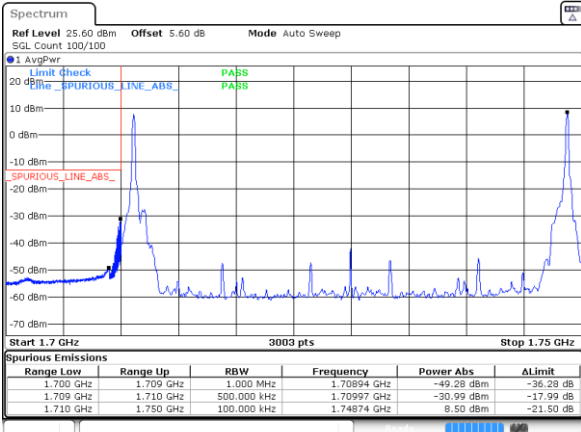
Date: 27 DEC 2021 23:52:36



LTE Band 66C / 20MHz+20MHz

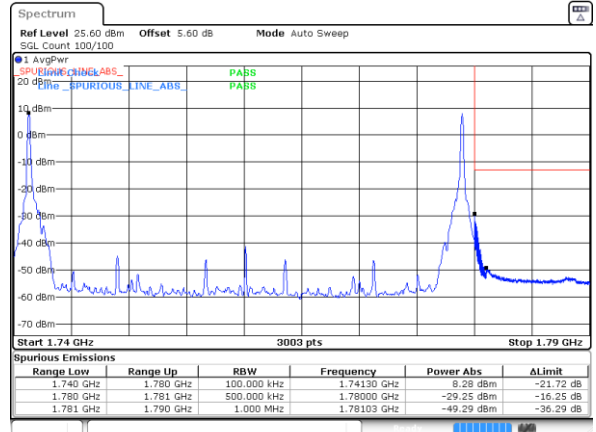
16QAM

Lowest Band Edge / 1RB0 and 1RB9



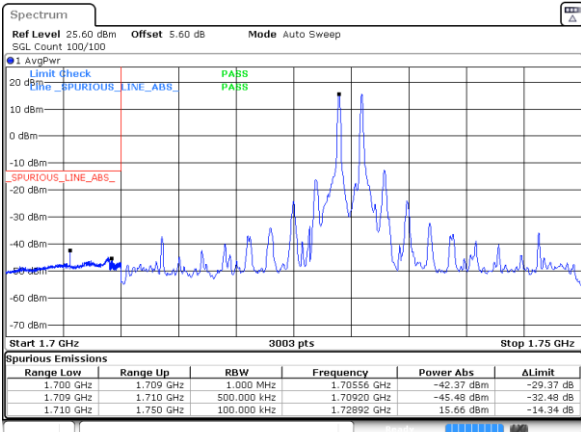
Date: 27 DEC 2021 23:39:38

Highest Band Edge / 1RB0 and 1RB9



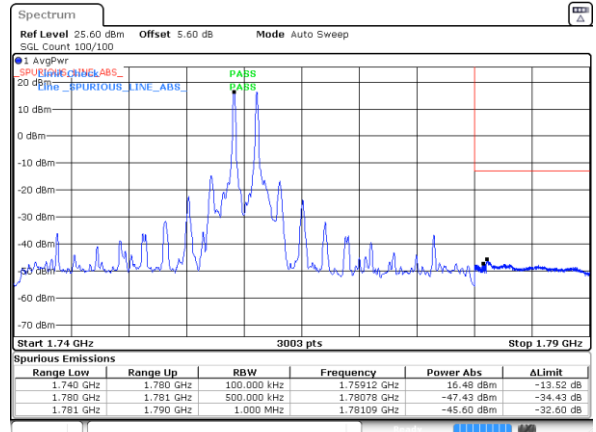
Date: 27 DEC 2021 23:56:24

Lowest Band Edge / 1RB99 and 1RB0



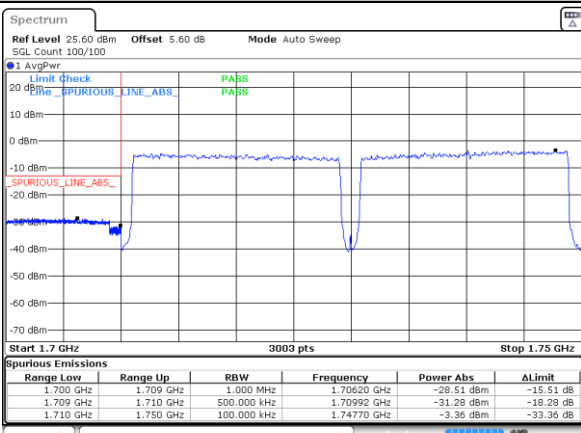
Date: 27 DEC 2021 23:45:42

Highest Band Edge / 1RB99 and 1RB0



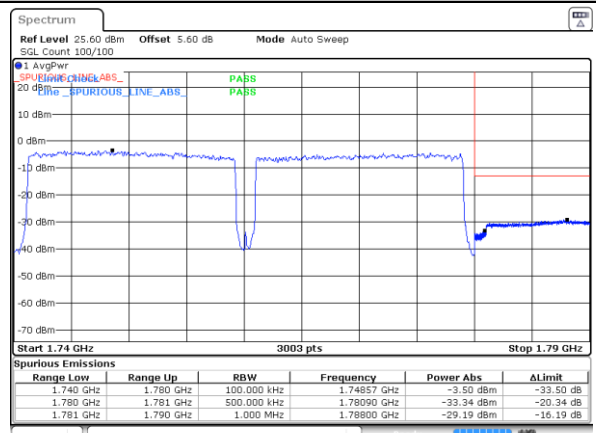
Date: 28 DEC 2021 00:06:25

Lowest Band Edge / Full RB



Date: 27 DEC 2021 23:37:05

Highest Band Edge / Full RB



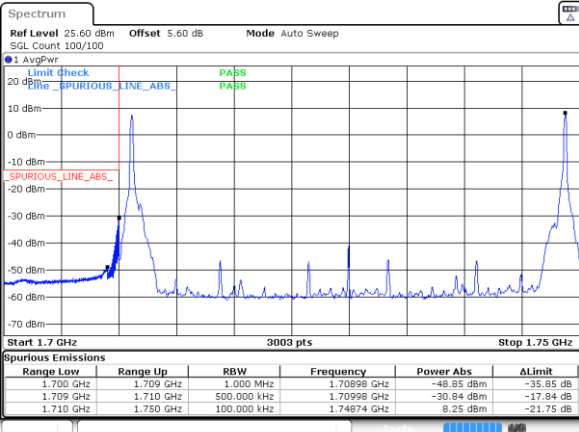
Date: 27 DEC 2021 23:53:25



LTE Band 66C / 20MHz+20MHz

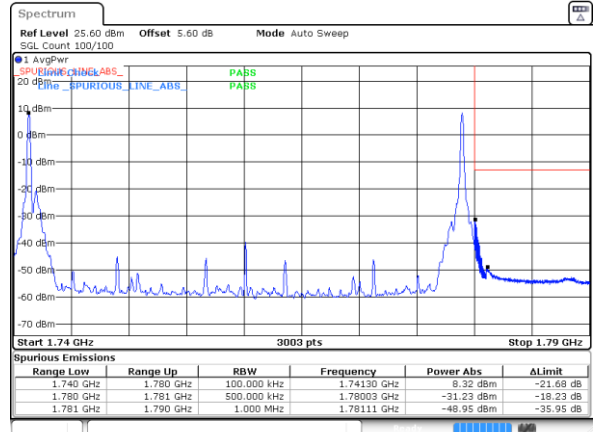
64QAM

Lowest Band Edge / 1RB0 and 1RB9



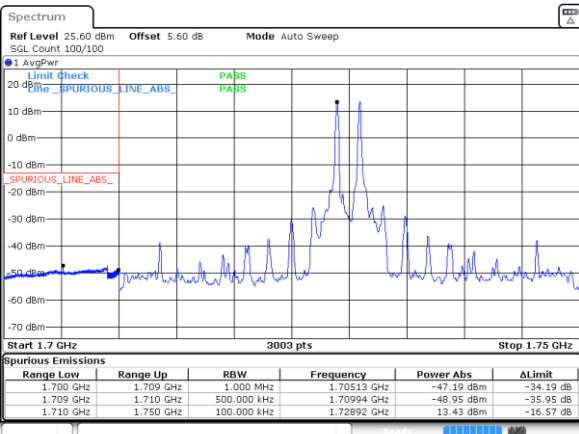
Date: 27 DEC 2021 23:38:48

Highest Band Edge / 1RB0 and 1RB9



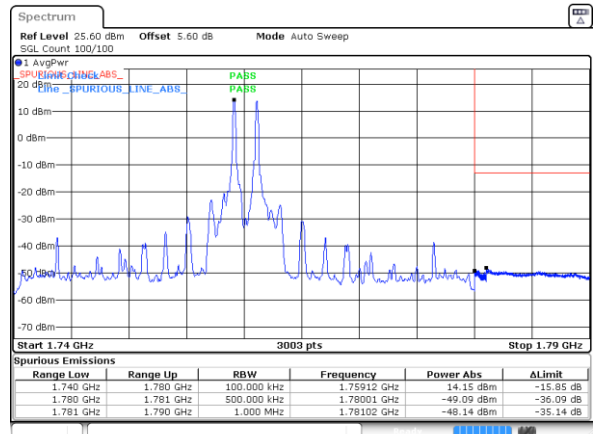
Date: 27 DEC 2021 23:57:03

Lowest Band Edge / 1RB99 and 1RB0



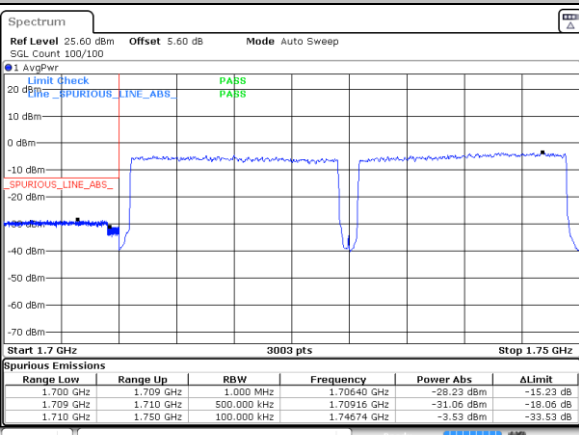
Date: 27 DEC 2021 23:46:19

Highest Band Edge / 1RB99 and 1RB0



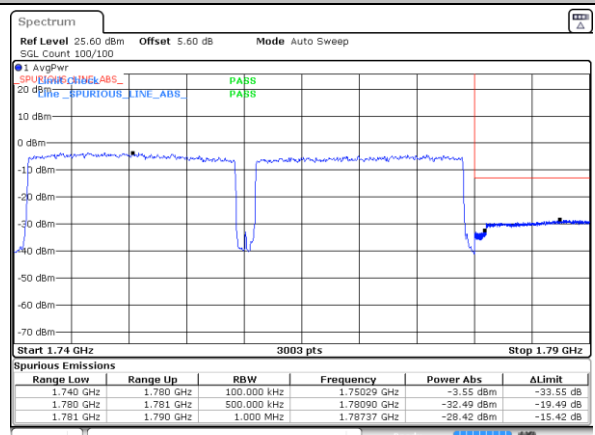
Date: 28 DEC 2021 00:07:05

Lowest Band Edge / Full RB



Date: 27 DEC 2021 23:38:09

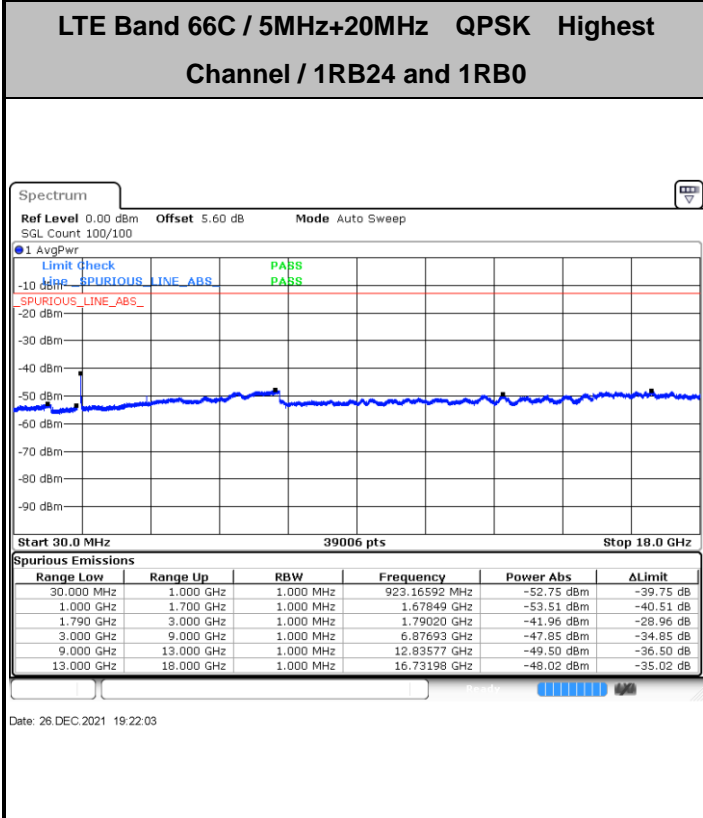
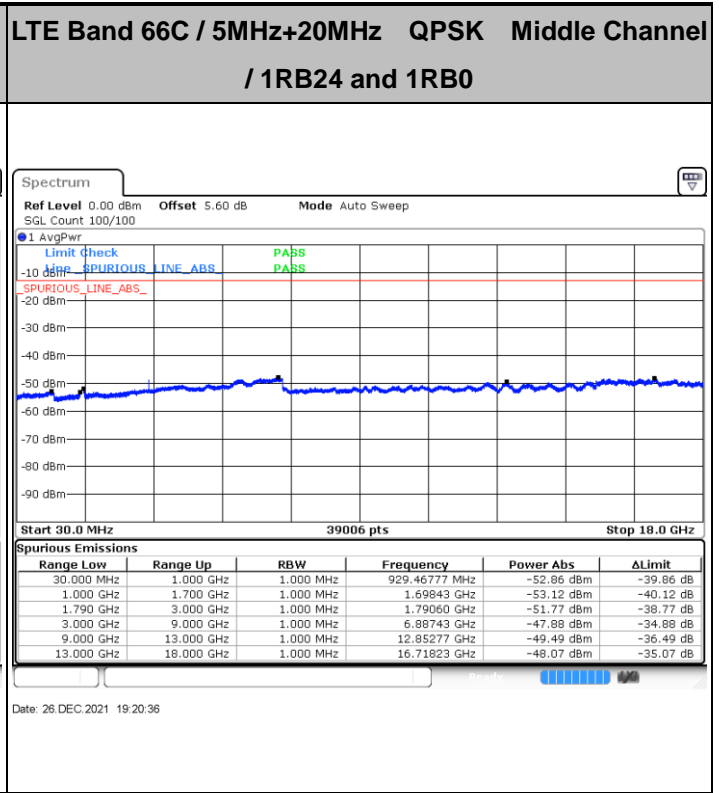
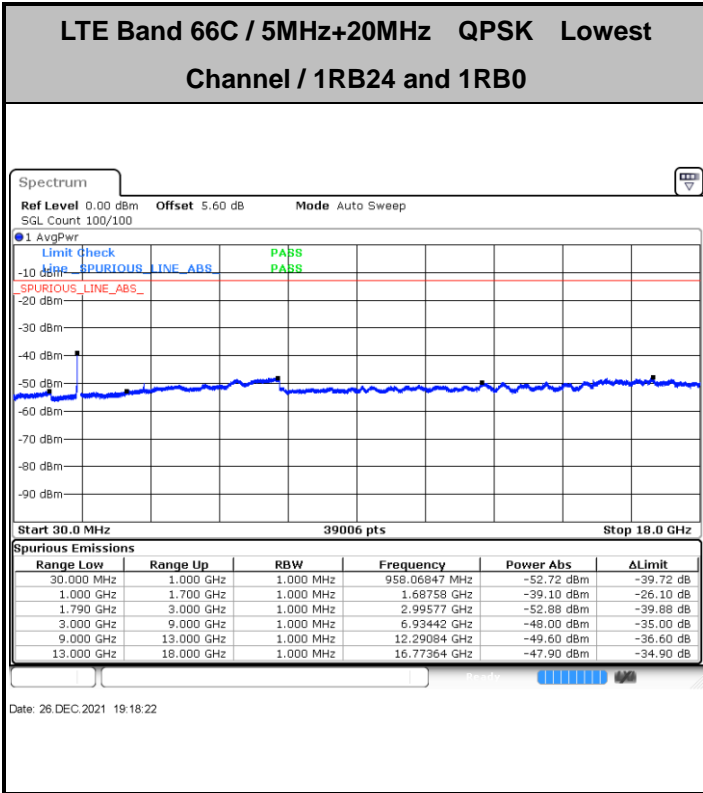
Highest Band Edge / Full RB

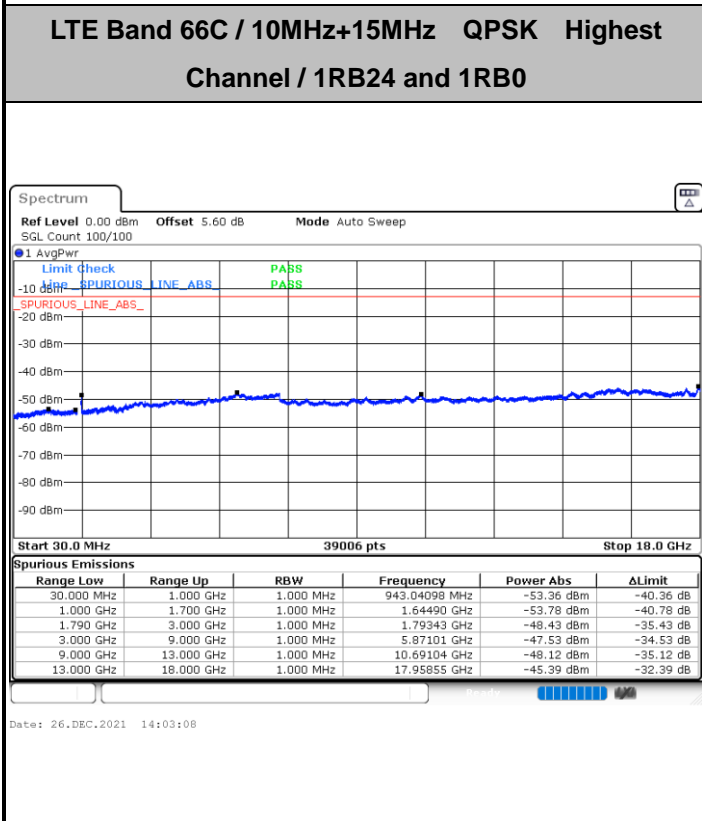
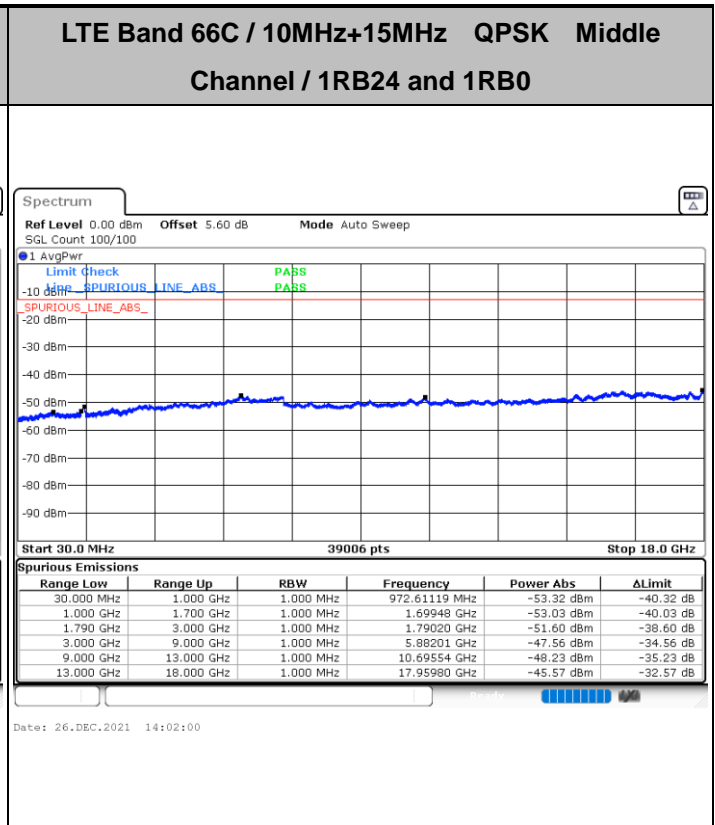
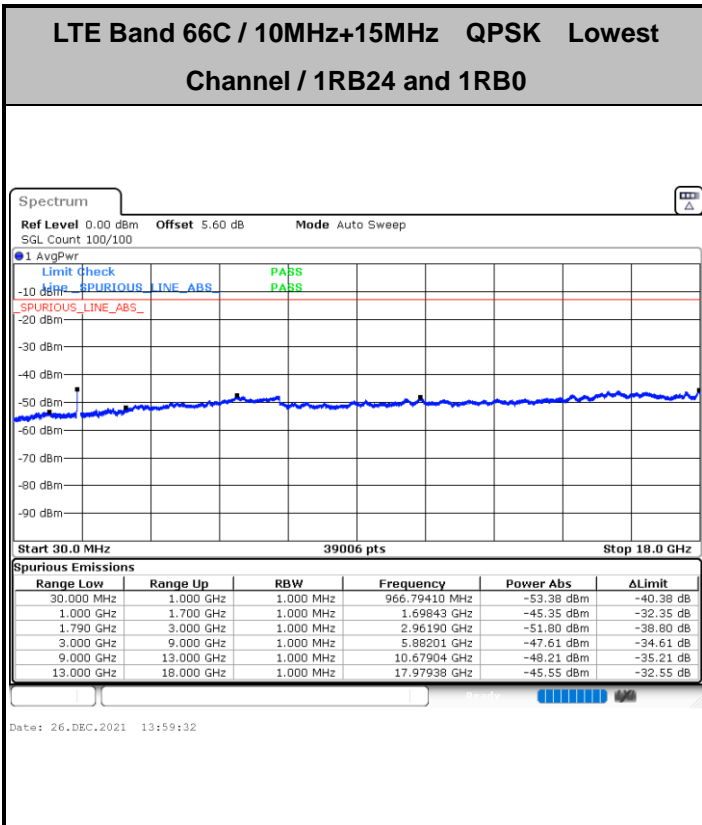


Date: 27 DEC 2021 23:54:34



Conducted Spurious Emission

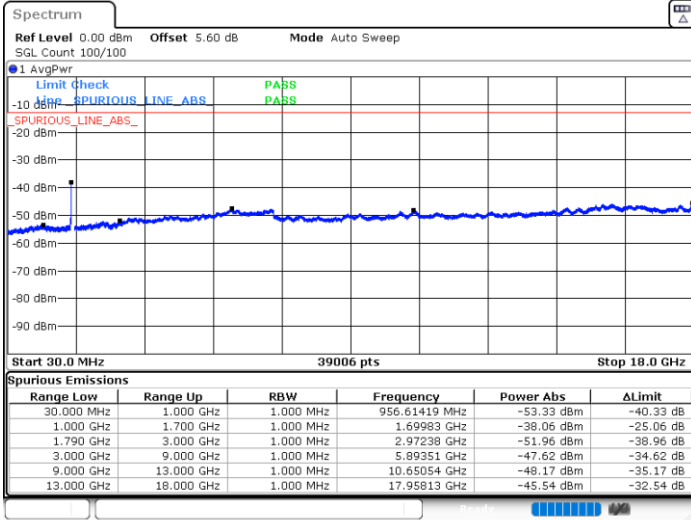




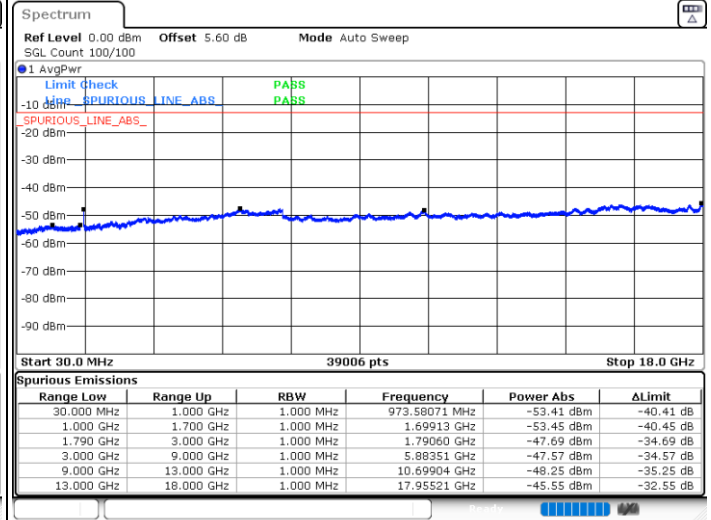


LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0

LTE Band 66C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0

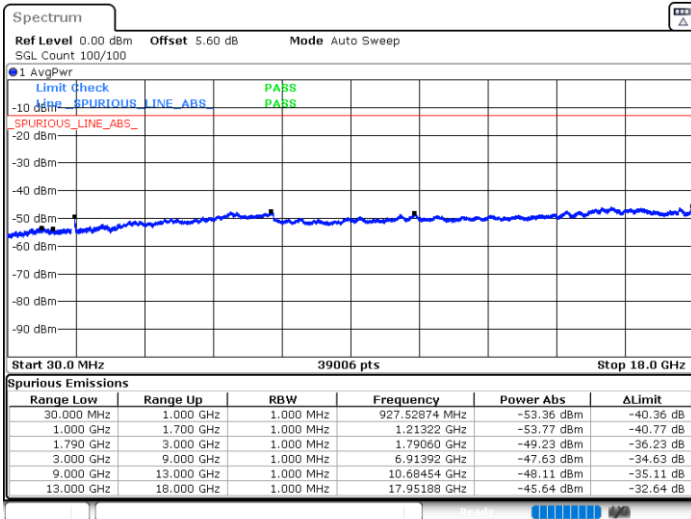


Date: 26.DEC.2021 15:06:37

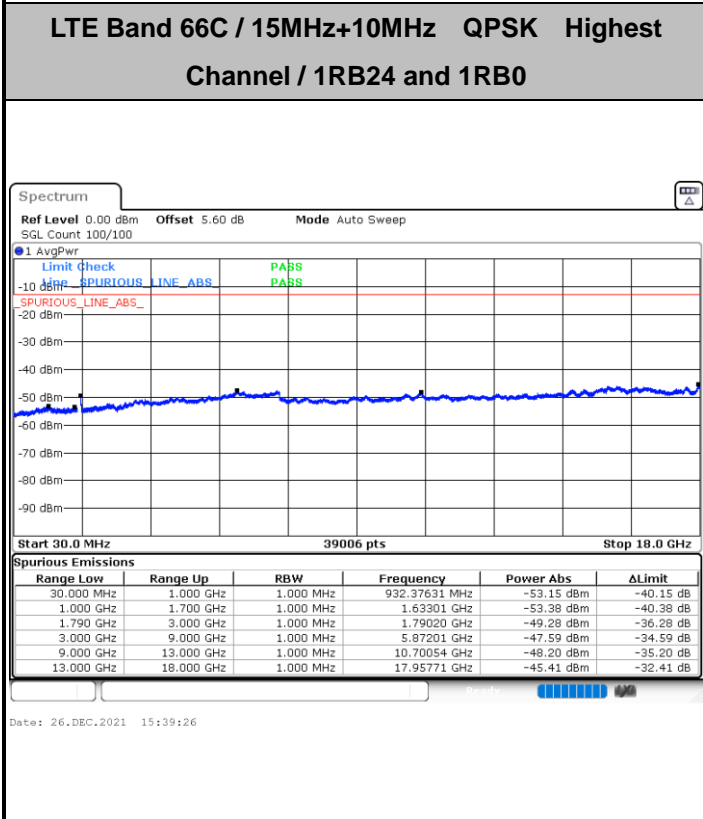
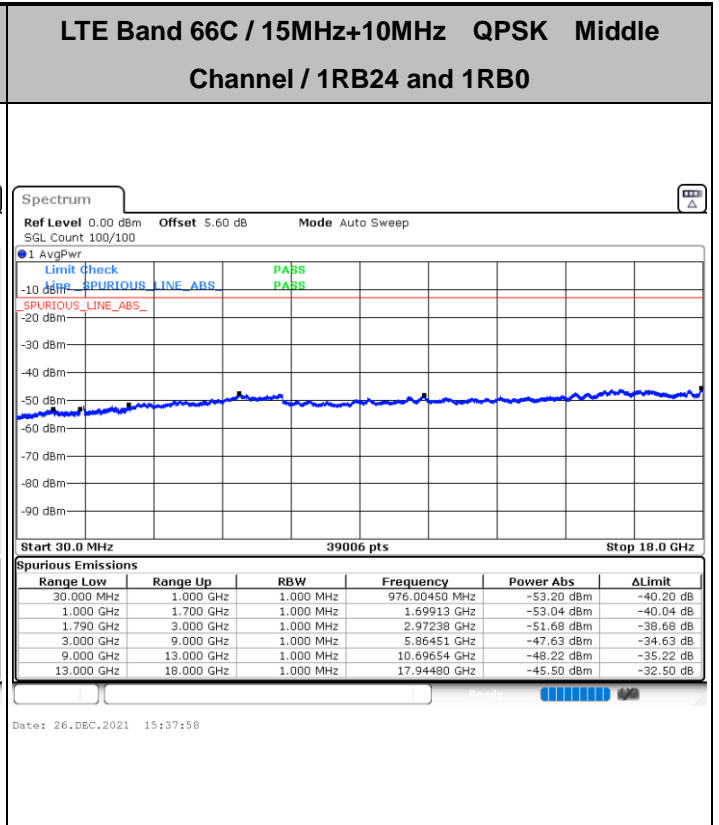
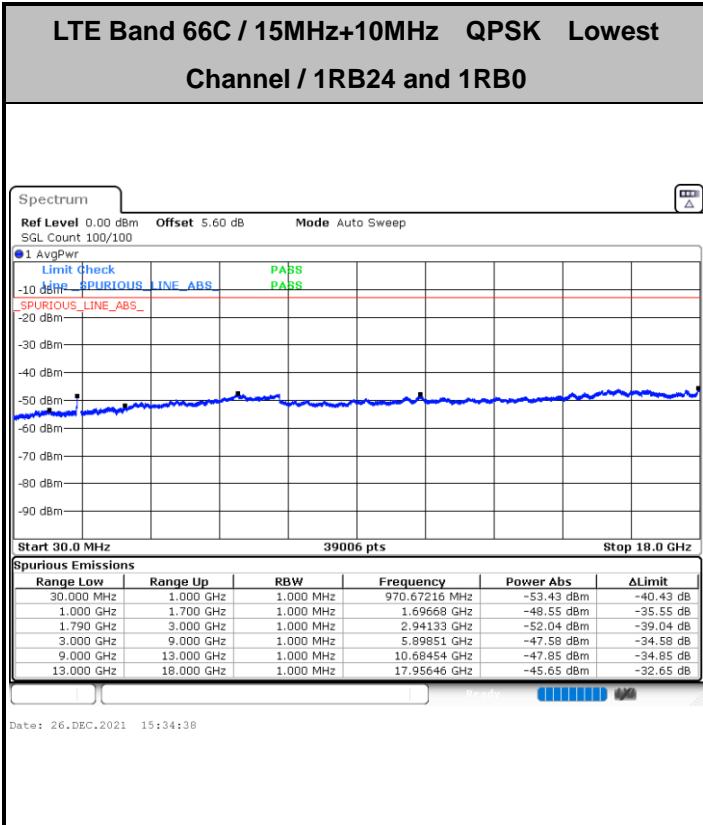


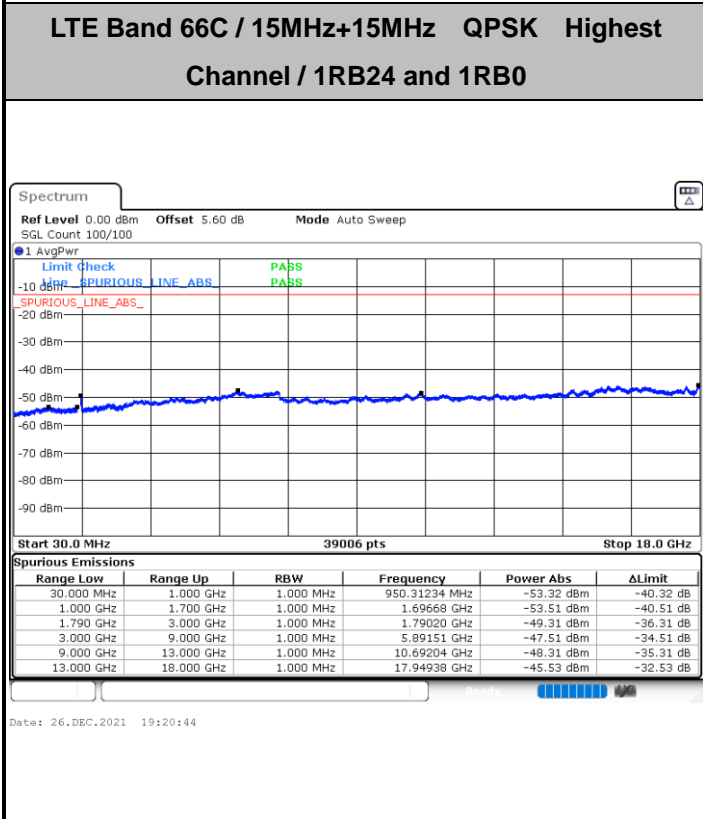
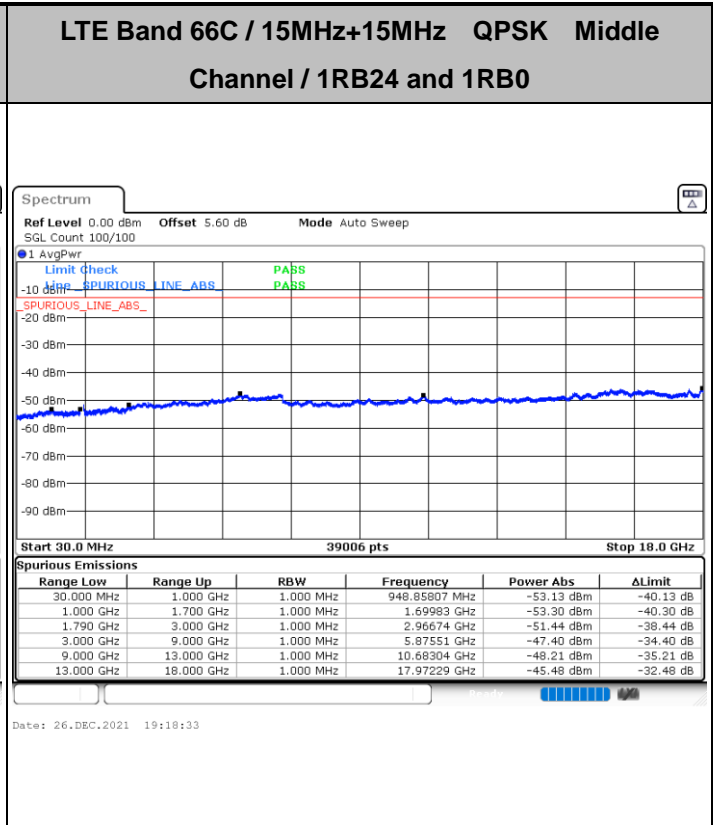
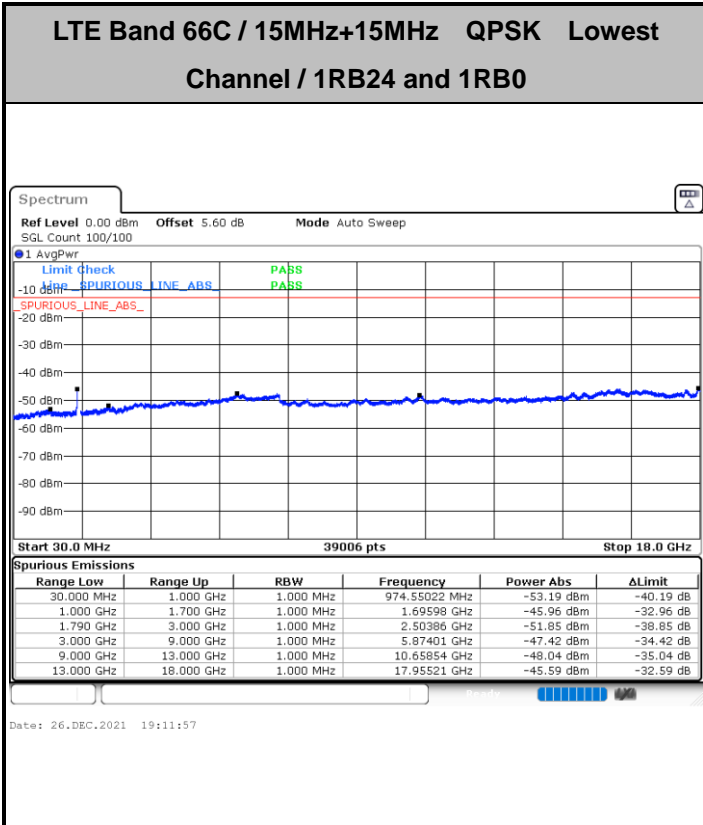
Date: 26.DEC.2021 15:12:08

LTE Band 66C / 10MHz+20MHz QPSK Highest Channel / 1RB49 and 1RB0



Date: 26.DEC.2021 15:13:14

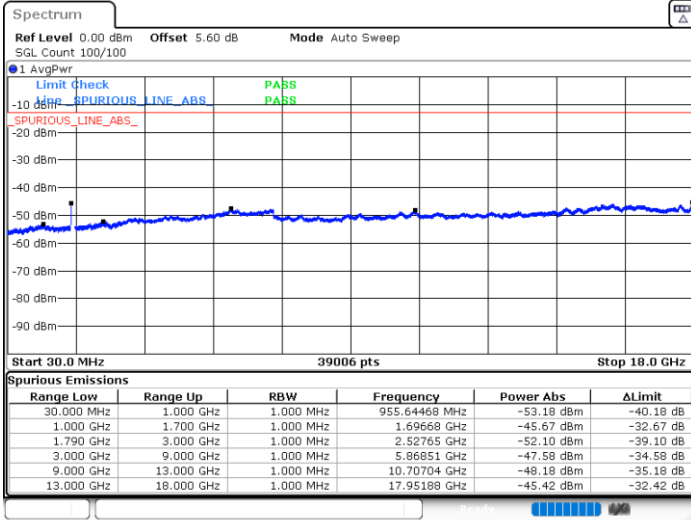




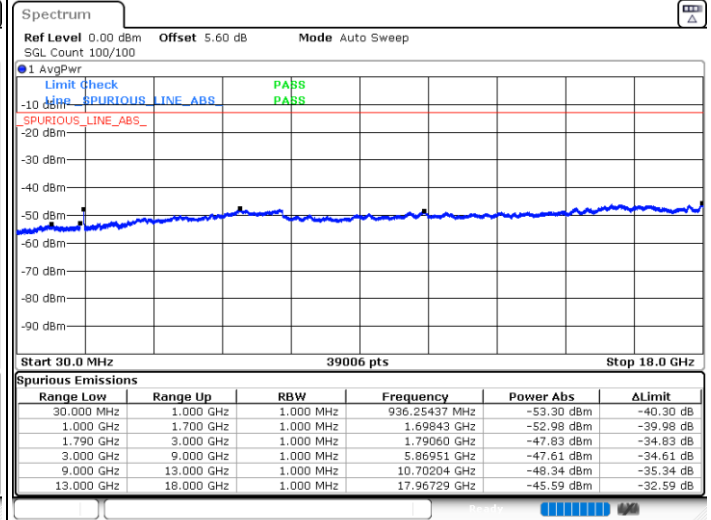


LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RB74 and 1RB0

LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RB74 and 1RB0

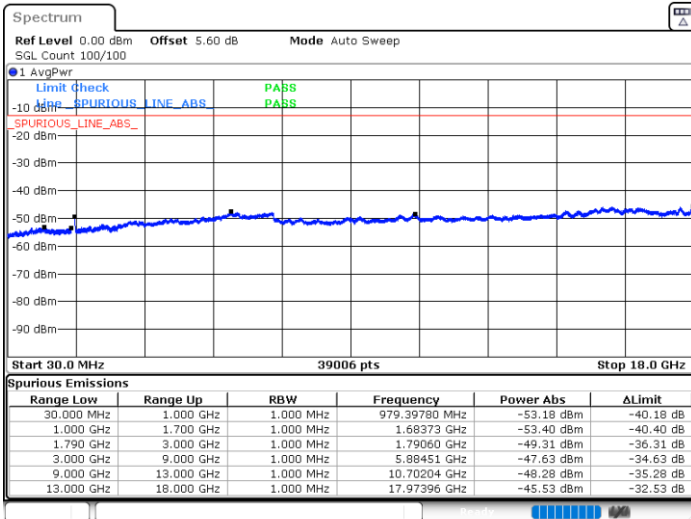


Date: 26.DEC.2021 21:28:23



Date: 26.DEC.2021 21:33:27

LTE Band 66C / 15MHz+20MHz QPSK Highest Channel / 1RB74 and 1RB0

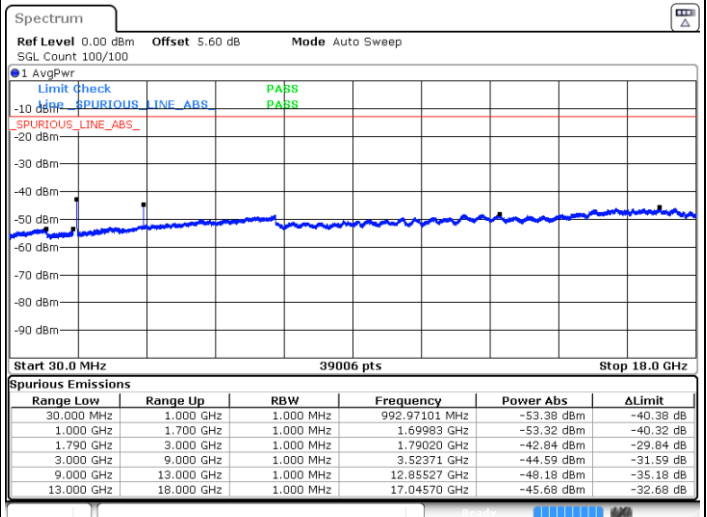
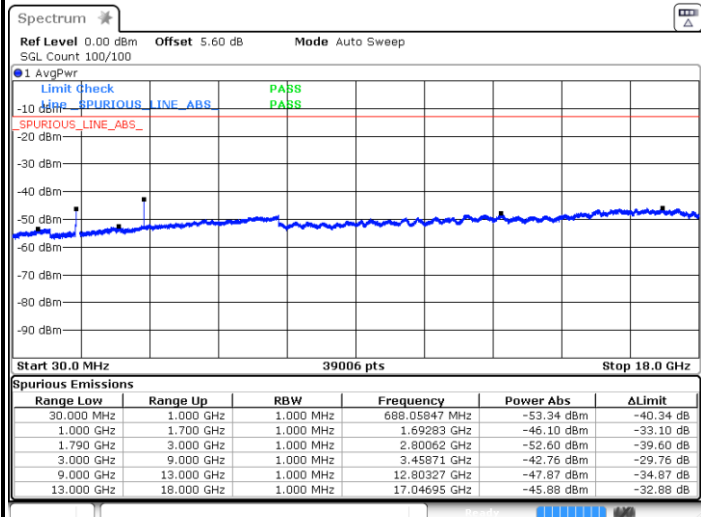


Date: 26.DEC.2021 21:34:52



LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

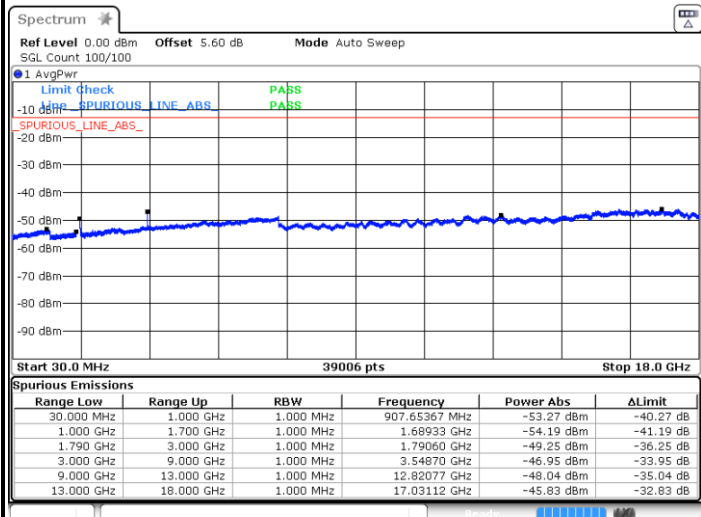
LTE Band 66C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 27 DEC 2021 22:17:59

Date: 27 DEC 2021 22:23:23

LTE Band 66C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0

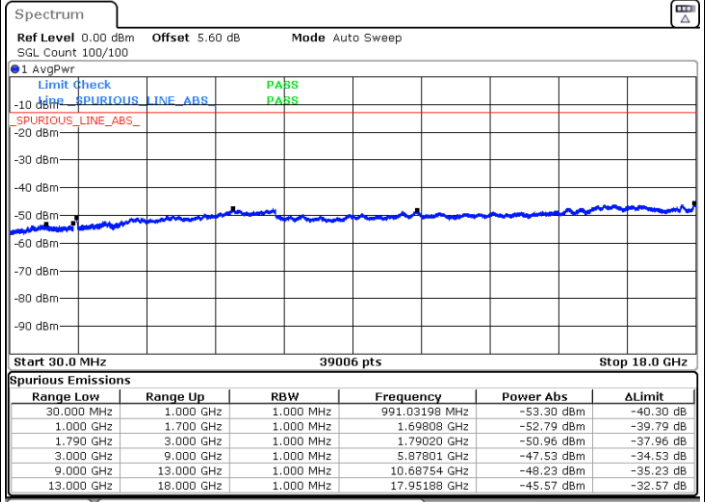
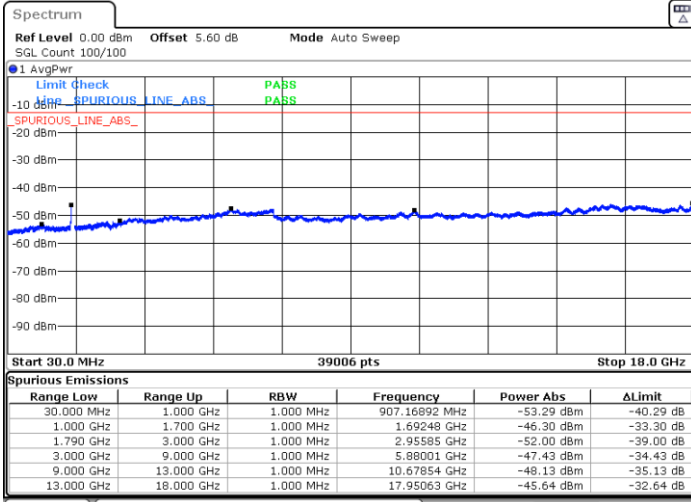


Date: 27 DEC 2021 22:33:27



LTE Band 66C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

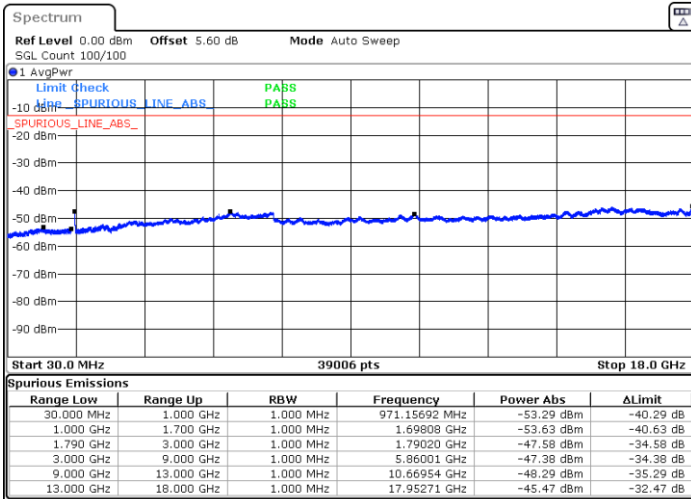
LTE Band 66C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



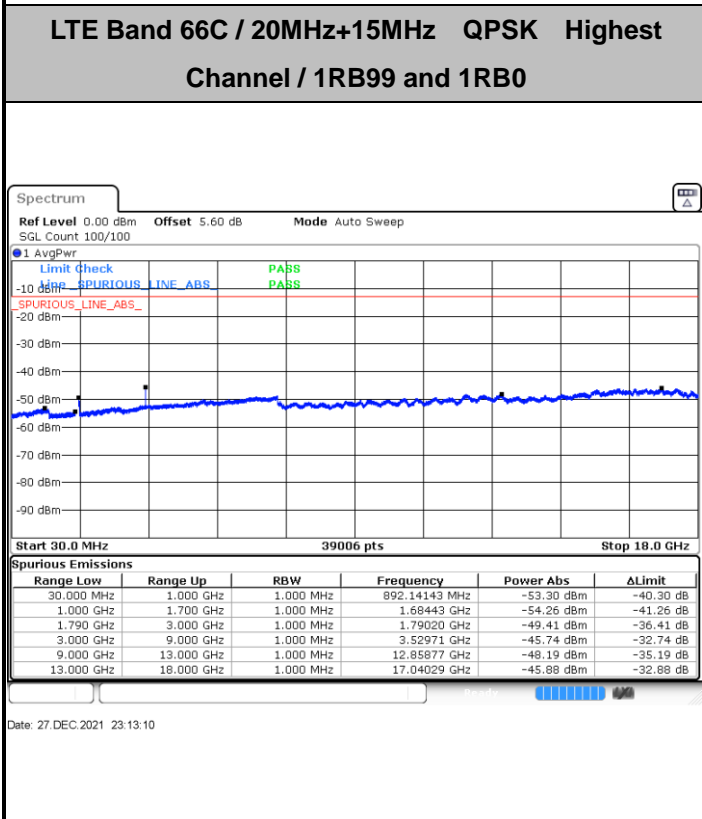
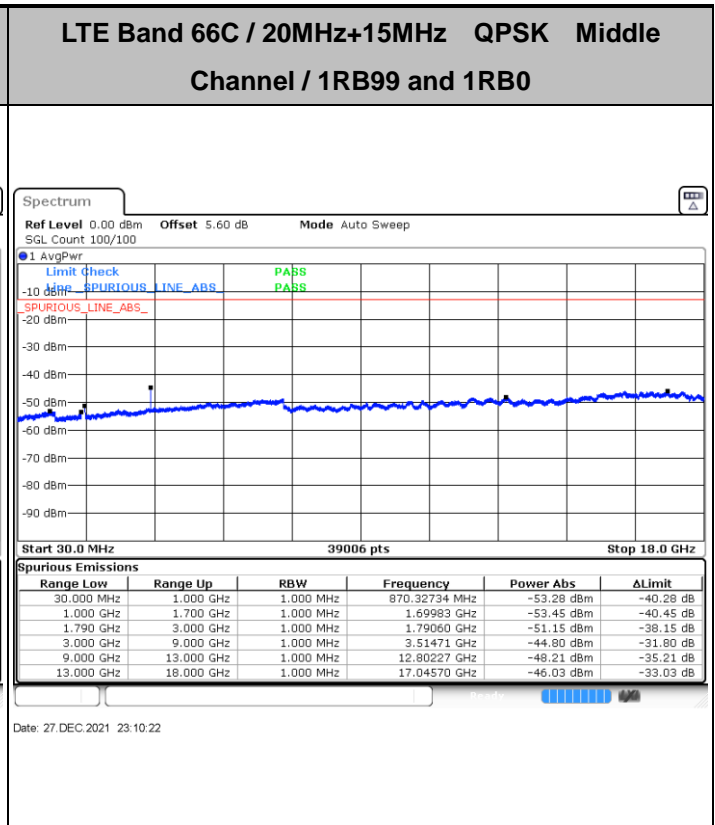
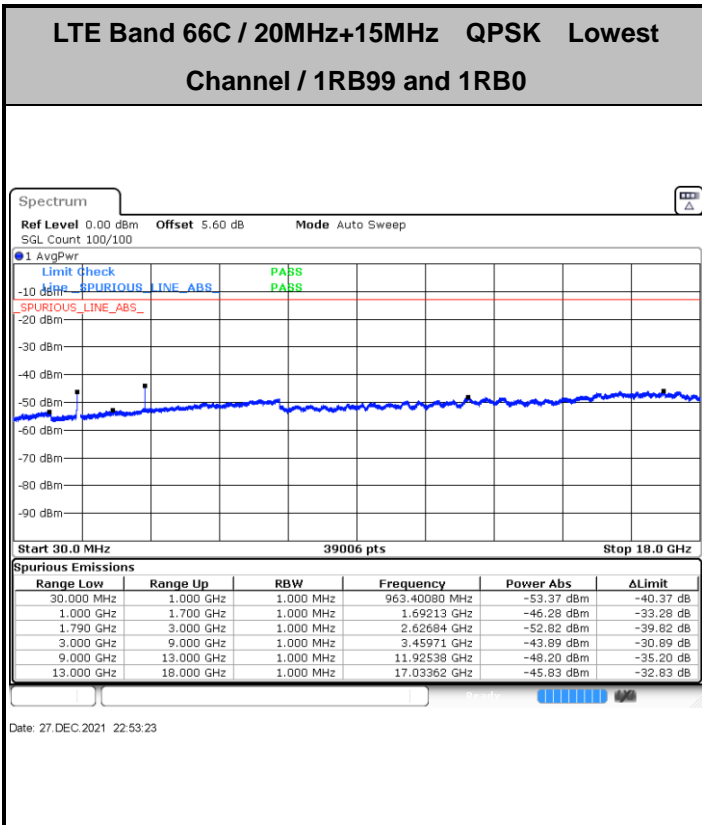
Date: 26.DEC.2021 18:19:20

Date: 26.DEC.2021 18:20:30

LTE Band 66C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0



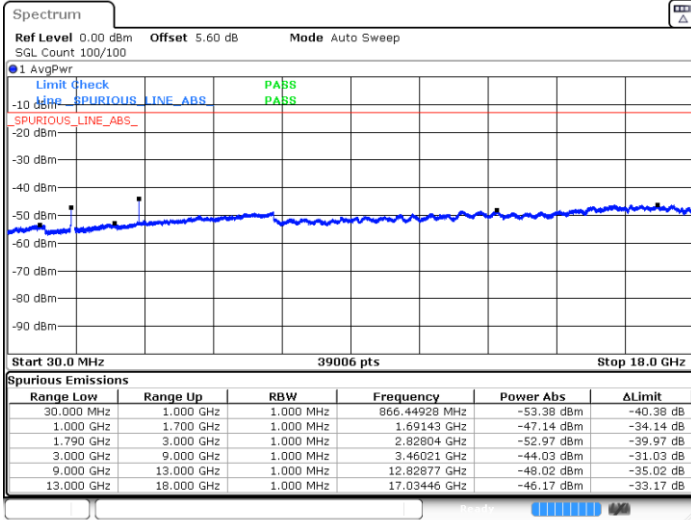
Date: 26.DEC.2021 18:21:35



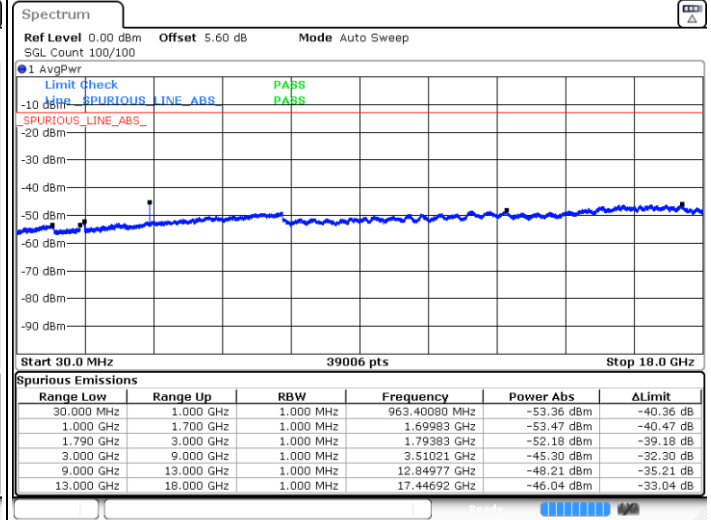


LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

LTE Band 66C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0

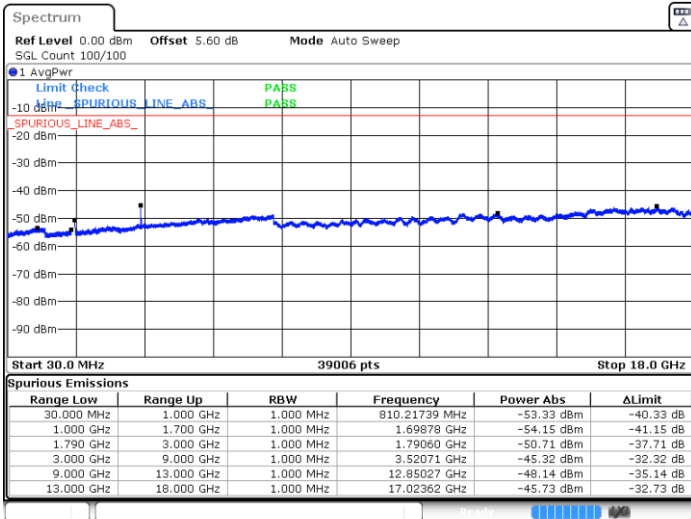


Date: 27 DEC 2021 23:44:58



Date: 27 DEC 2021 23:46:59

LTE Band 66C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 28 DEC 2021 00:04:23



Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0019	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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 :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

LTE Band 25 / 20MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-61.22	-13	-48.22	-73.48	2.64	14.90	H
	5613.27	-60.15	-13	-47.15	-72.01	2.94	14.80	H
	7488	-57.59	-13	-44.59	-67.36	3.39	13.16	H
	3742.18	-60.44	-13	-47.44	-72.70	2.64	14.90	V
	5613	-53.44	-13	-40.44	-65.30	2.94	14.80	V
	7488	-57.31	-13	-44.31	-67.08	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-68.65	-13	-55.65	-75.62	1.58	10.70	H
	2489.52	-59.85	-13	-46.85	-68.10	2.102	12.50	H
	3320	-64.17	-13	-51.17	-73.06	2.856	13.90	H
	1656	-66.50	-13	-53.50	-73.47	1.58	10.70	V
	2488	-56.19	-13	-43.19	-64.44	2.10	12.50	V
	3320	-64.18	-13	-51.18	-73.07	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-62.98	-13	-49.98	-73.72	2.604	13.34	H
	5208.27	-60.97	-13	-47.97	-71.48	3.011	13.52	H
	6944.36	-58.98	-13	-45.98	-69.18	3.271	13.47	H
	3465	-62.49	-13	-49.49	-73.23	2.604	13.34	V
	5208.273	-60.83	-13	-47.83	-71.34	3.011	13.52	V
	6945	-57.83	-13	-44.83	-68.03	3.271	13.47	V

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



LTE Band 5B / 10MHz+5MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-62.38	-13	-49.38	-69.35	1.58	10.70	H
	2496	-57.52	-13	-44.52	-65.77	2.102	12.50	H
	3328	-57.08	-13	-44.08	-65.97	2.856	13.90	H
	1664	-61.45	-13	-48.45	-68.42	1.58	10.70	V
	2496	-56.21	-13	-43.21	-64.46	2.10	12.50	V
	3328	-57.43	-13	-44.43	-66.32	2.86	13.90	V

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

LTE Band 66B / 10MHz+10MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3480	-56.54	-13	-43.54	-67.28	2.604	13.34	H
	5220	-54.01	-13	-41.01	-64.52	3.011	13.52	H
	6960	-53.37	-13	-40.37	-63.57	3.271	13.47	H
	3480	-57.28	-13	-44.28	-68.02	2.604	13.34	V
	5220	-53.81	-13	-40.81	-64.32	3.011	13.52	V
	6960	-52.91	-13	-39.91	-63.11	3.271	13.47	V

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

LTE Band 66C / 20MHz+20MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-57.37	-13	-44.37	-68.11	2.604	13.34	H
	5205	-53.63	-13	-40.63	-64.14	3.011	13.52	H
	6945	-53.22	-13	-40.22	-63.42	3.271	13.47	H
	3465	-57.42	-13	-44.42	-68.16	2.604	13.34	V
	5205	-53.68	-13	-40.68	-64.19	3.011	13.52	V
	6945	-53.02	-13	-40.02	-63.22	3.271	13.47	V

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