

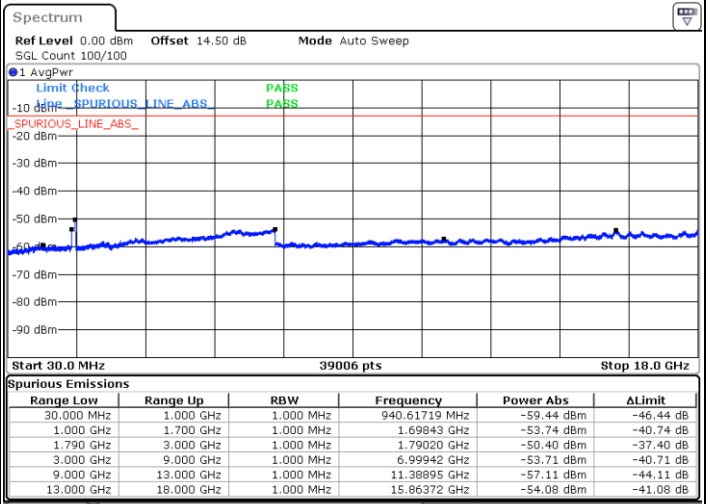
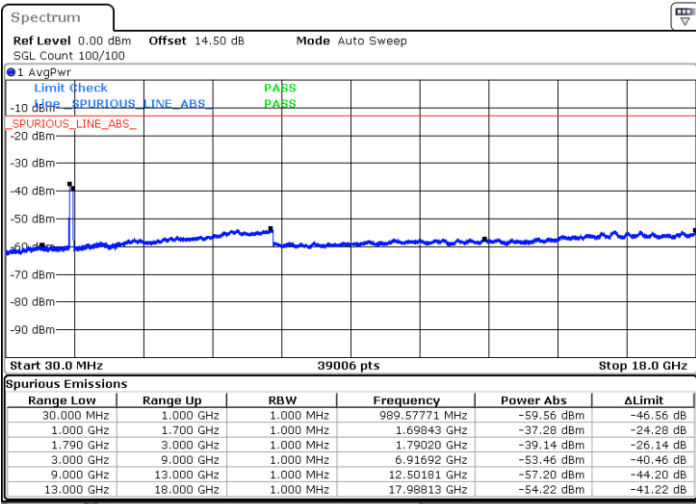


LTE Band 66C / 20MHz+5MHz

64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0

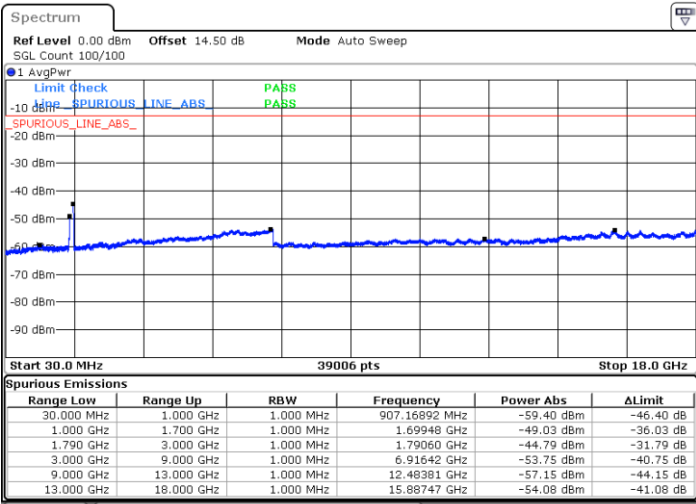


Date: 28.DEC.2022 14:15:52

Date: 28.DEC.2022 14:21:14

Middle Channel / FullIRB

N/A



Date: 28.DEC.2022 14:14:47

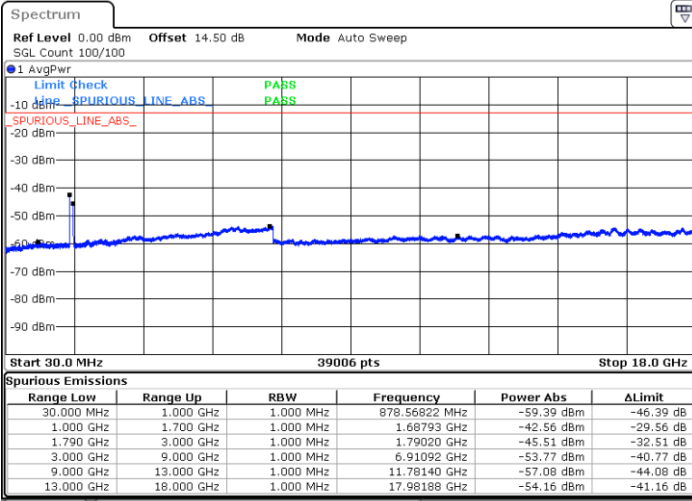


LTE Band 66C / 20MHz+5MHz

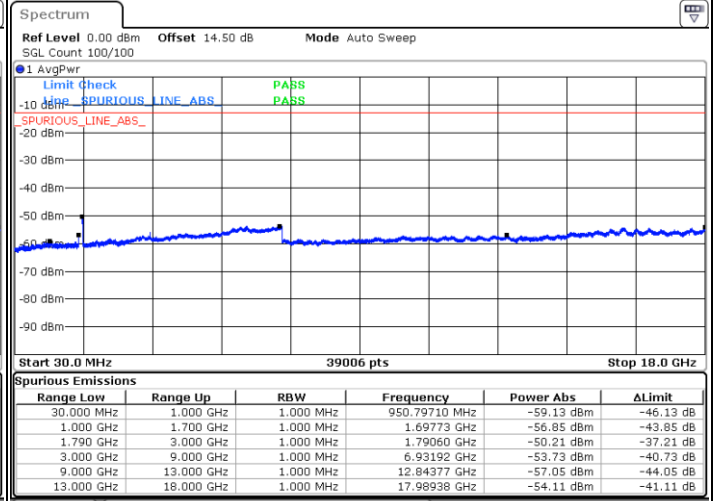
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



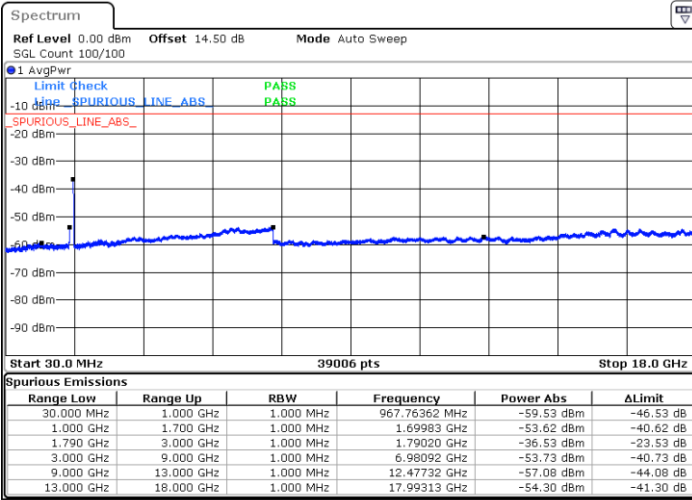
Date: 28.DEC.2022 14:34:35



Date: 28.DEC.2022 14:33:30

Highest Channel / FullIRB

N/A



Date: 28.DEC.2022 14:39:58

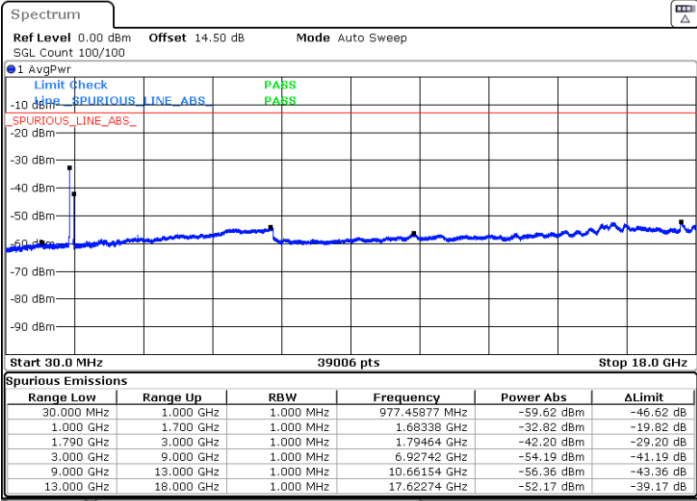


LTE Band 66C / 20MHz+10MHz

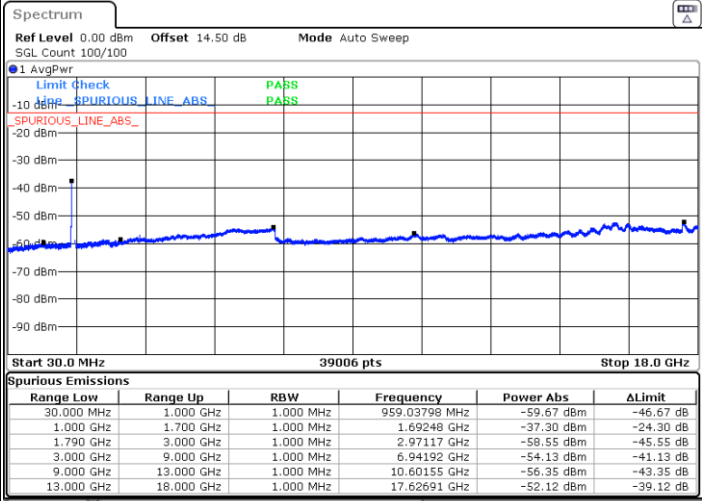
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



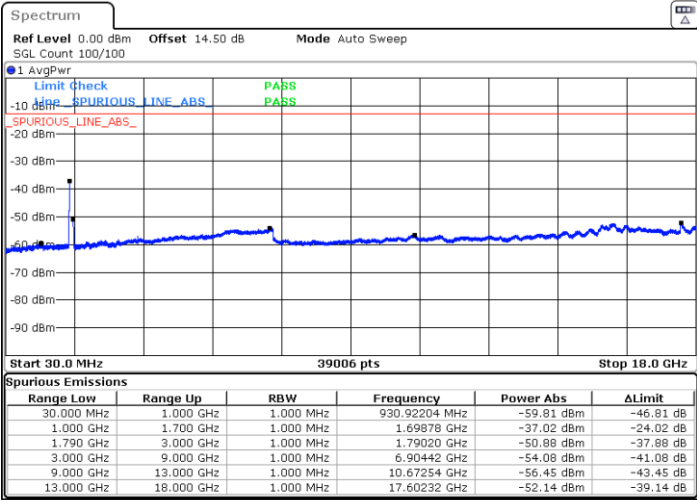
Date: 28.DEC.2022 00:41:39



Date: 28.DEC.2022 00:32:57

Lowest Channel / FullIRB

N/A



Date: 28.DEC.2022 00:43:25

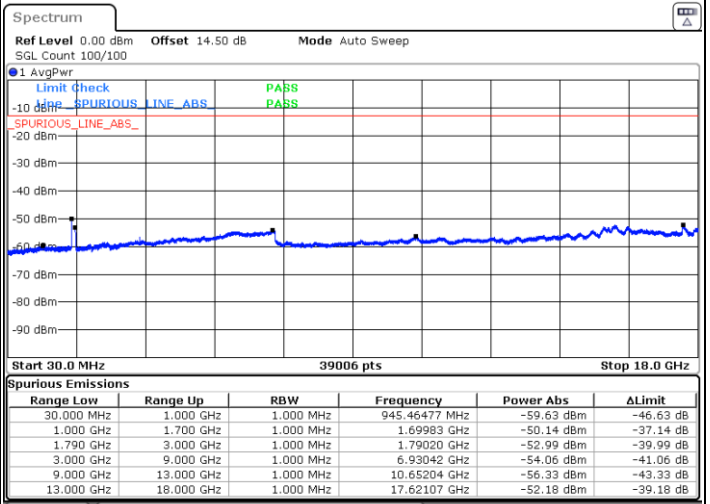
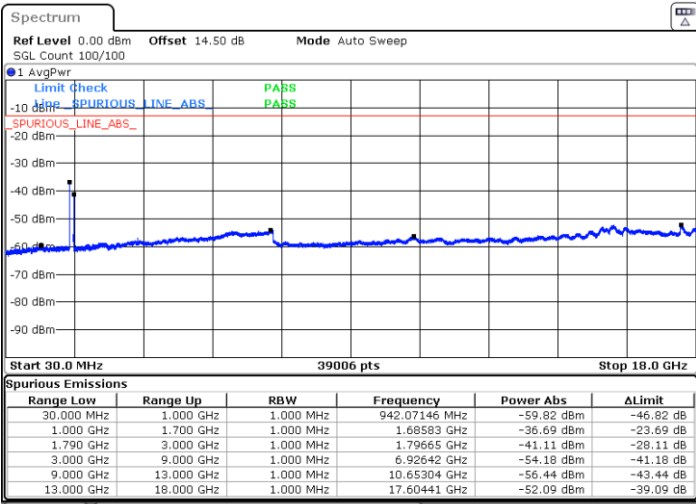


LTE Band 66C / 20MHz+10MHz

64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0

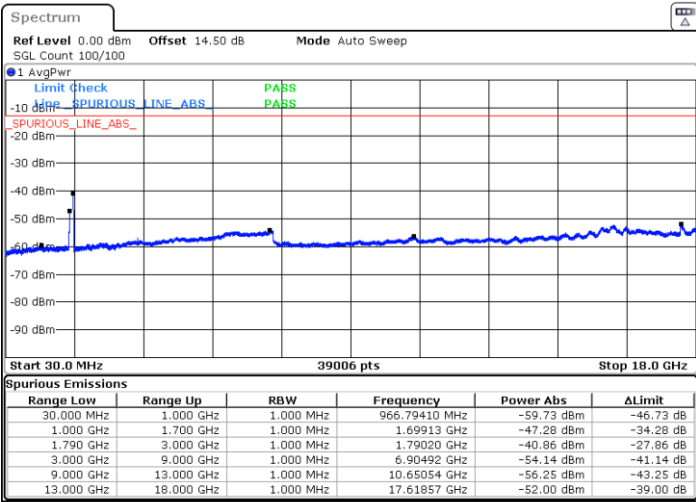


Date: 28.DEC.2022 00:56:52

Date: 28.DEC.2022 01:05:34

Middle Channel / FullRB

N/A



Date: 28.DEC.2022 00:55:07

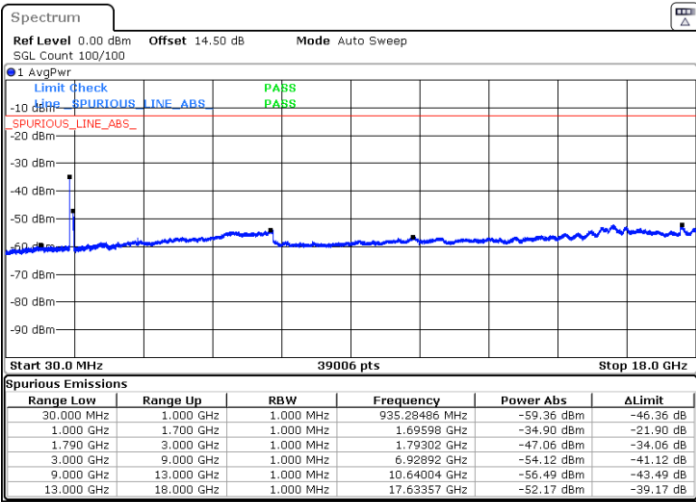


LTE Band 66C / 20MHz+10MHz

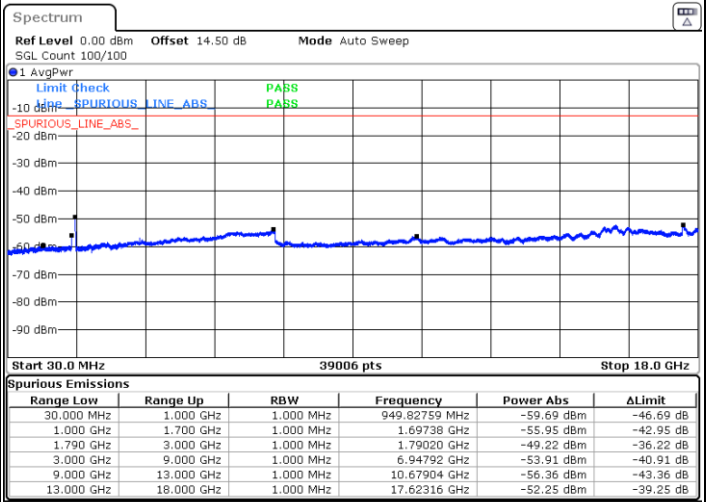
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



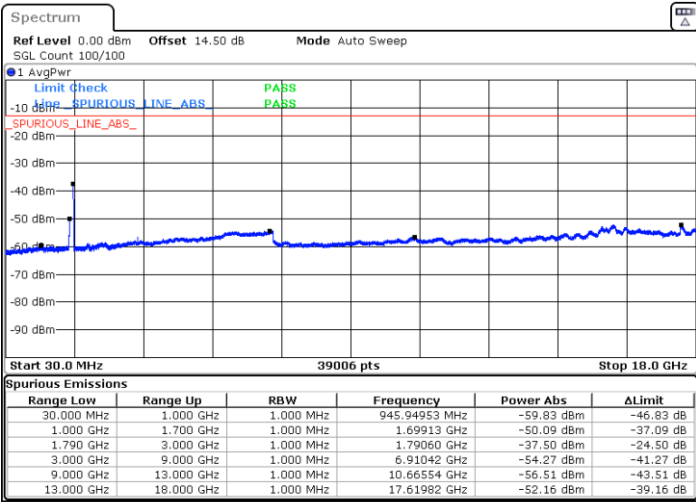
Date: 28.DEC.2022 01:28:17



Date: 28.DEC.2022 01:26:32

Highest Channel / FullIRB

N/A



Date: 28.DEC.2022 01:36:59

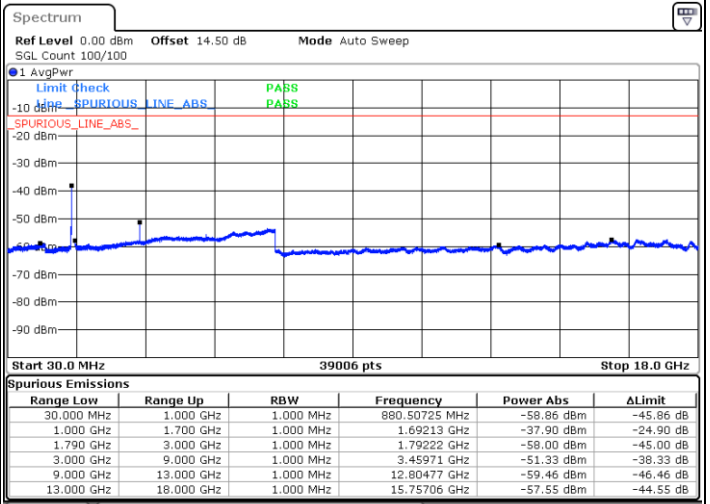
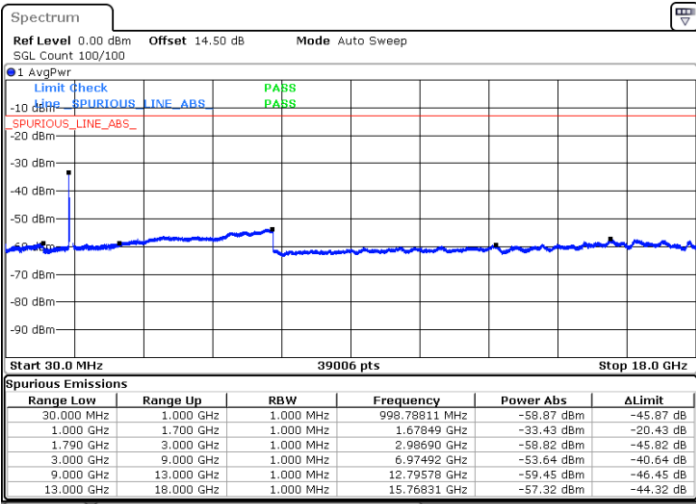


LTE Band 66C / 20MHz+15MHz

64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

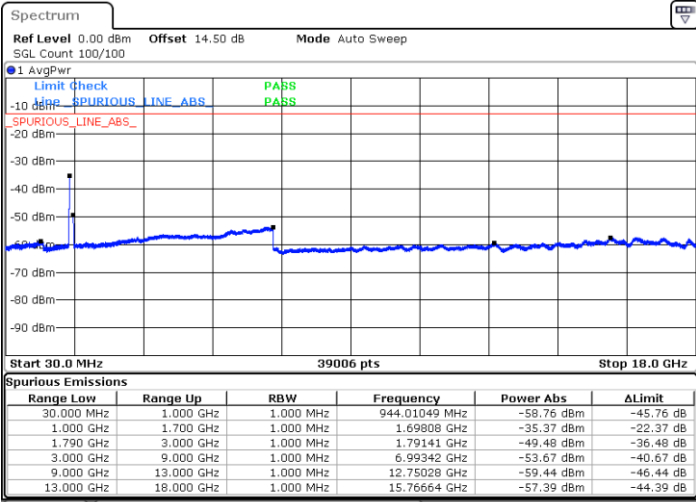


Date: 26 DEC.2022 23:04:30

Date: 26 DEC.2022 22:55:49

Lowest Channel / FullIRB

N/A



Date: 26 DEC.2022 23:06:15

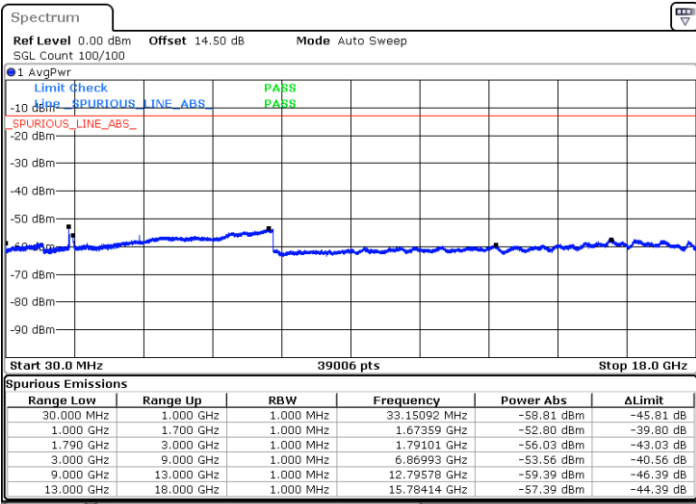


LTE Band 66C / 20MHz+15MHz

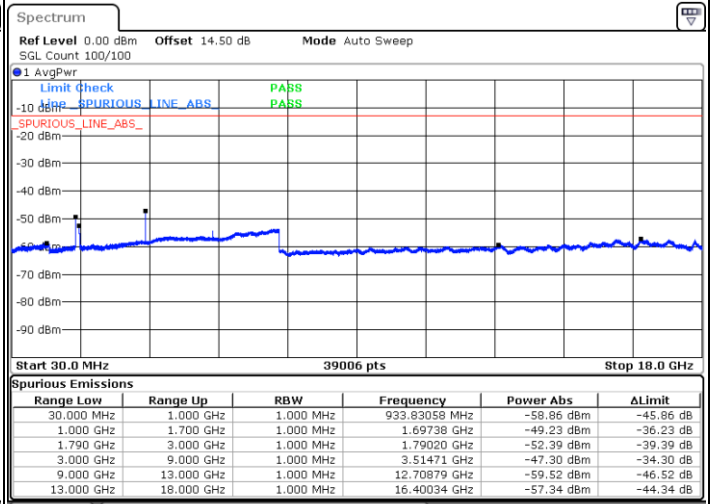
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



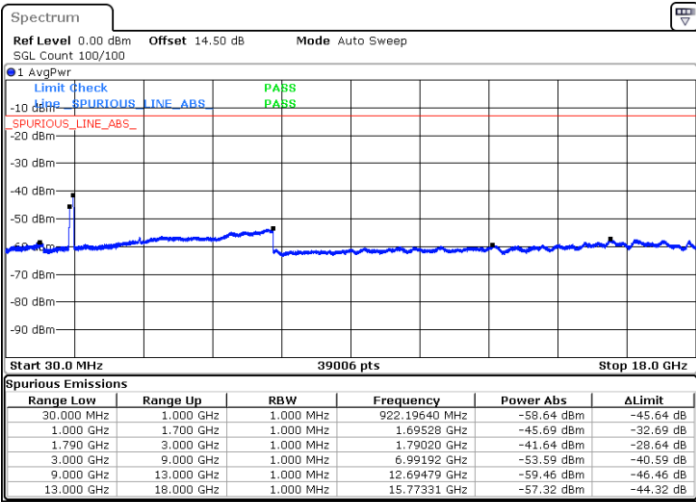
Date: 26 DEC 2022 23:19:43



Date: 26 DEC 2022 23:28:23

Middle Channel / FullIRB

N/A



Date: 26 DEC 2022 23:17:58

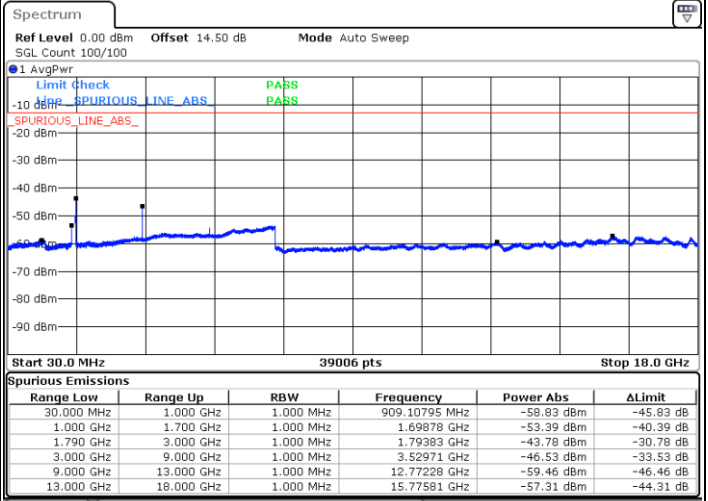
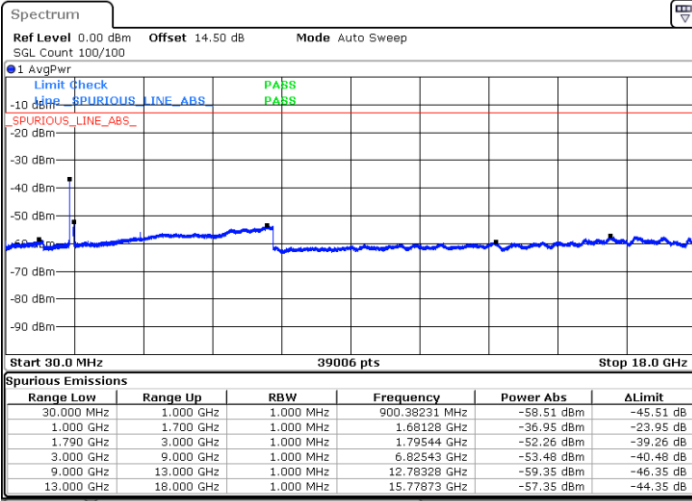


LTE Band 66C / 20MHz+15MHz

64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0

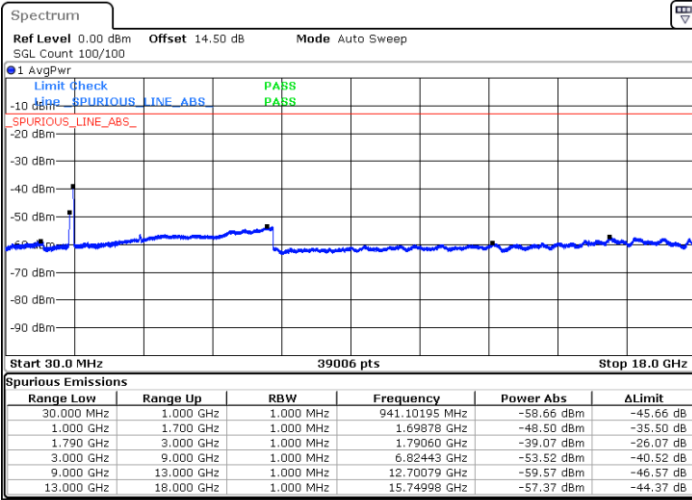


Date: 26 DEC 2022 23:51:01

Date: 26 DEC 2022 23:49:17

Highest Channel / FullIRB

N/A



Date: 26 DEC 2022 23:59:43

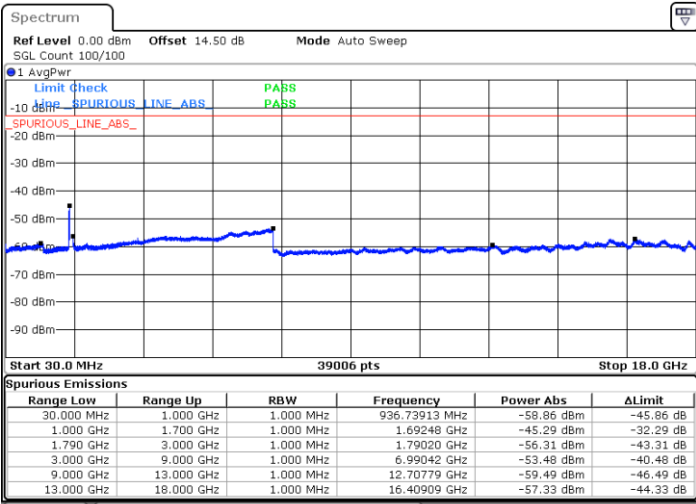


LTE Band 66C / 20MHz+20MHz

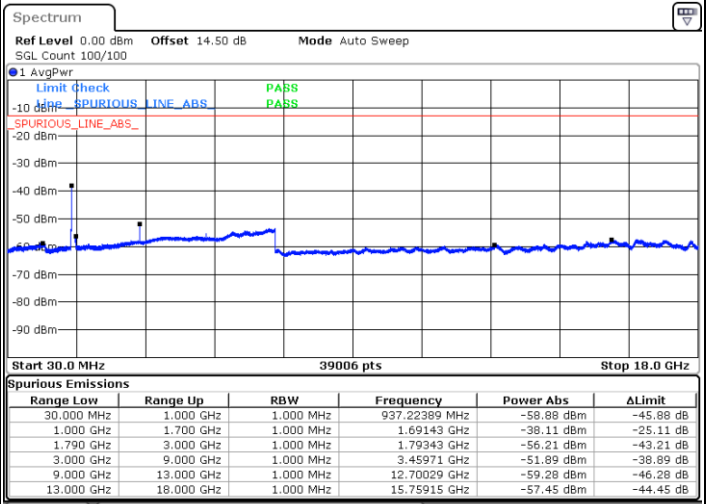
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



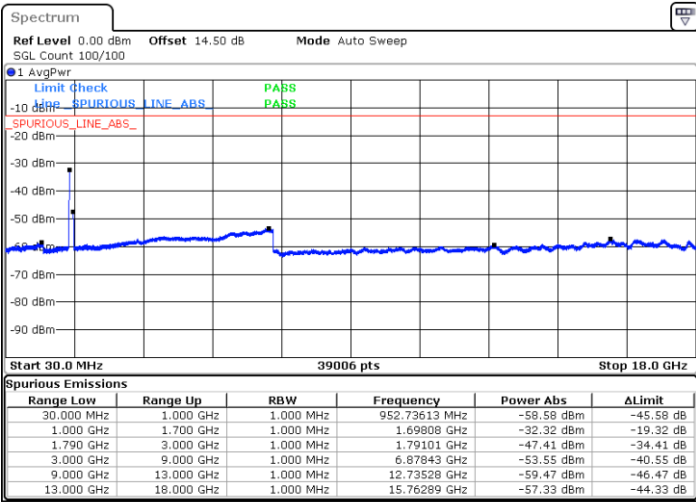
Date: 26 DEC 2022 21:33:25



Date: 26 DEC 2022 21:24:45

Lowest Channel / FullIRB

N/A



Date: 26 DEC 2022 21:35:10

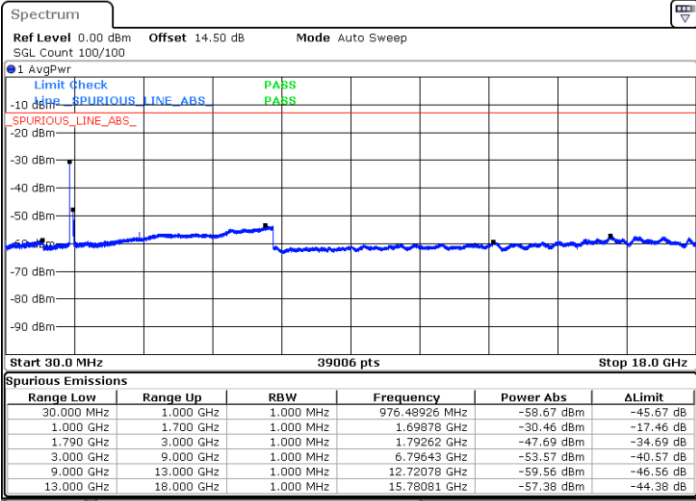


LTE Band 66C / 20MHz+20MHz

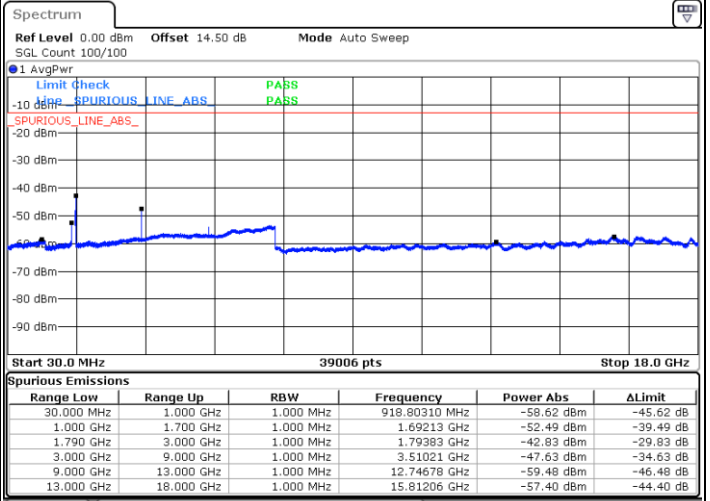
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



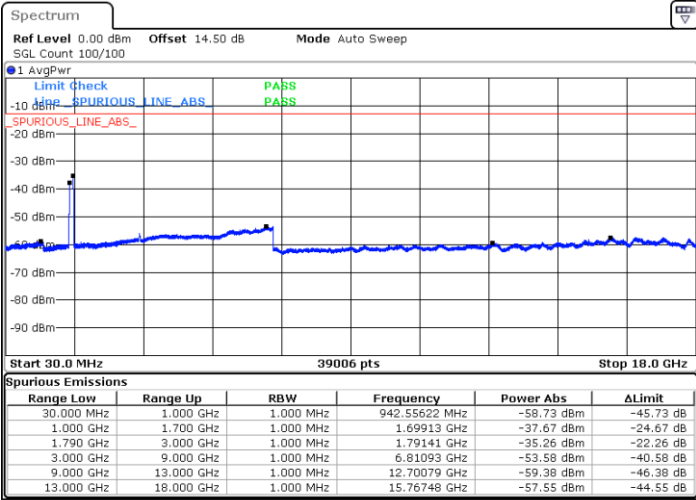
Date: 26 DEC.2022 21:48:37



Date: 26 DEC.2022 21:57:16

Middle Channel / FullIRB

N/A



Date: 26 DEC.2022 21:46:52

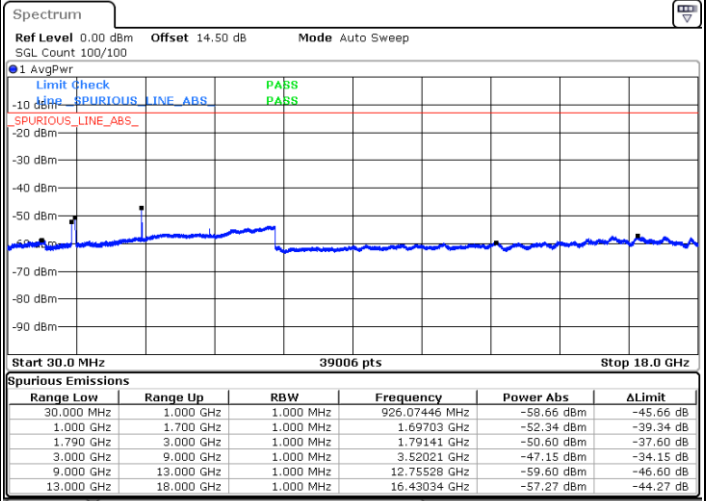
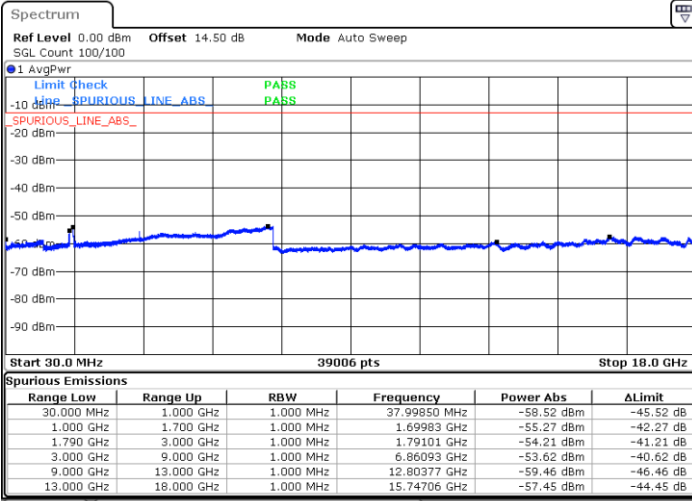


LTE Band 66C / 20MHz+20MHz

64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0

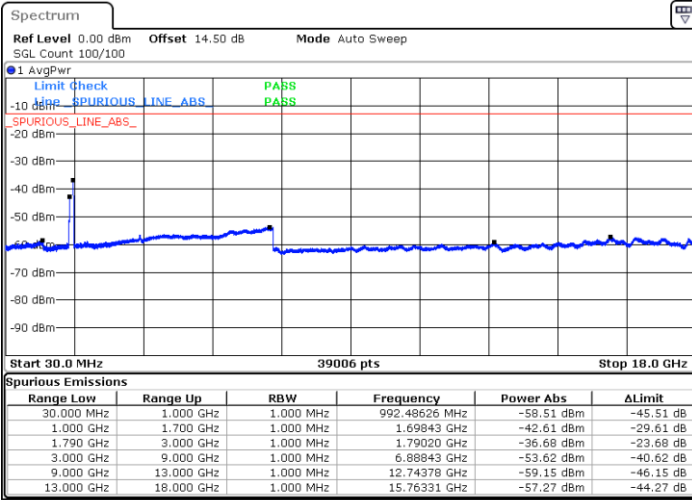


Date: 26 DEC.2022 22:19:51

Date: 26 DEC.2022 22:18:06

Highest Channel / FullIRB

N/A



Date: 26 DEC.2022 22:28:30



Frequency Stability

Test Conditions		LTE Band 66C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 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 :	Wenbo Xiao/HuaCong Liang /ZhangXu	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1559.5	-67.21	-42.15	-25.06	-73.84	-70.46	4.00	9.40	H
	2339.25	-64.44	-13	-51.44	-75.13	-68.01	4.88	10.60	H
	3119	-63.62	-13	-50.62	-76.31	-68.55	5.52	12.60	H
	1559.5	-67.03	-42.15	-24.88	-73.87	-70.28	4.00	9.40	V
	2339.25	-63.71	-13	-50.71	-74.79	-67.28	4.88	10.60	V
	3119	-62.96	-13	-49.96	-76.16	-67.89	5.52	12.60	V

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

LTE Band 5B / 10MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1673.1	-67.38	-13	-54.38	-73.46	-70.63	4.00	9.40	H
	2509.65	-64.66	-13	-51.66	-74.81	-68.23	4.88	10.60	H
	3346.2	-63.97	-13	-50.97	-75.80	-68.90	5.52	12.60	H
	1673.1	-67.75	-13	-54.75	-73.56	-71.00	4.00	9.40	V
	2509.65	-64.35	-13	-51.35	-74.83	-67.92	4.88	10.60	V
	3346.2	-63.80	-13	-50.80	-76.01	-68.73	5.52	12.60	V

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

LTE Band 66B / 10MHz + 10MHz / 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	3491.2	-63.70	-13	-50.70	-76.54	-70.55	5.65	12.50	H
	5236.8	-62.36	-13	-49.36	-79.10	-68.03	7.13	12.80	H
	6982.4	-58.34	-13	-45.34	-79.12	-61.74	8.40	11.80	H
	3491.2	-62.94	-13	-49.94	-76.31	-69.79	5.65	12.50	V
	5236.8	-62.22	-13	-49.22	-78.91	-67.89	7.13	12.80	V
	6982.4	-57.97	-13	-44.97	-78.91	-61.37	8.40	11.80	V

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



LTE Band 66C / 20MHz + 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	3472.2	-63.90	-13	-50.90	-76.52	-70.75	5.65	12.50	H
	5208.3	-62.02	-13	-49.02	-79.16	-67.69	7.13	12.80	H
	6944.4	-59.05	-13	-46.05	-79.65	-62.45	8.40	11.80	H
	3472.2	-63.20	-13	-50.20	-76.36	-70.05	5.65	12.50	V
	5208.3	-61.80	-13	-48.80	-78.89	-67.47	7.13	12.80	V
	6944.4	-58.95	-13	-45.95	-79.6	-62.35	8.40	11.80	V

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