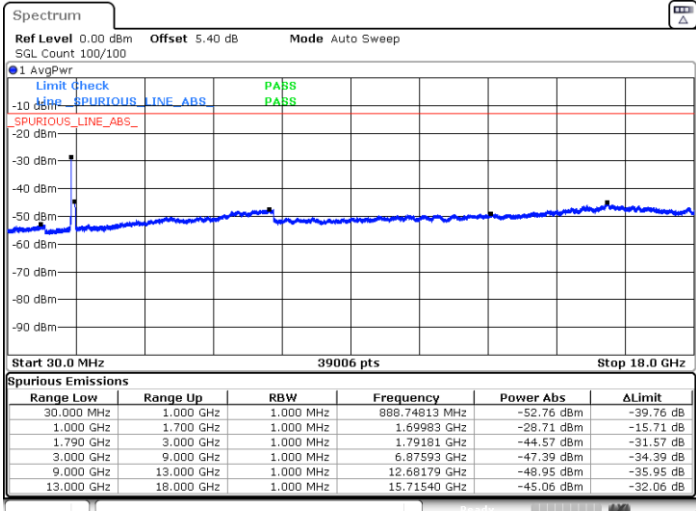


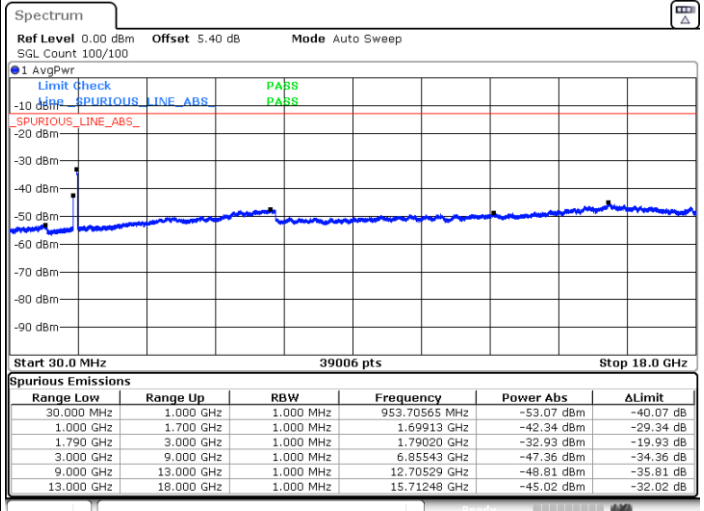


LTE Band 66C / 10MHz+15MHz QPSK Lowest Channel / 1RB24 and 1RB0

LTE Band 66C / 10MHz+15MHz QPSK Middle Channel / 1RB24 and 1RB0

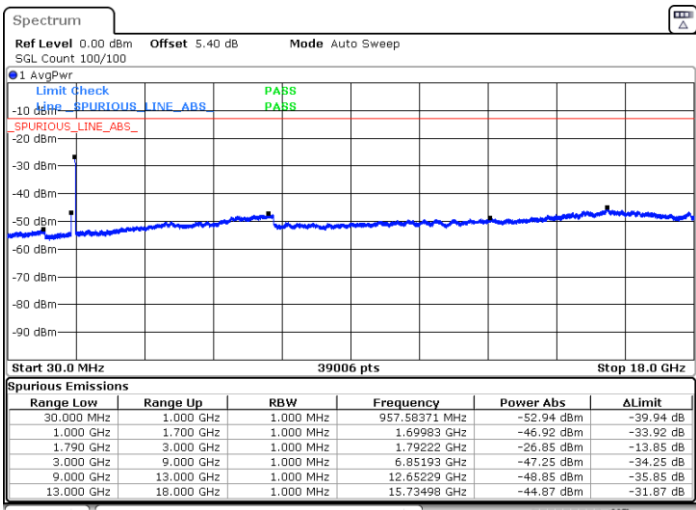


Date: 6.DEC.2022 18:29:44



Date: 6.DEC.2022 18:33:37

LTE Band 66C / 10MHz+15MHz QPSK Highest Channel / 1RB24 and 1RB0

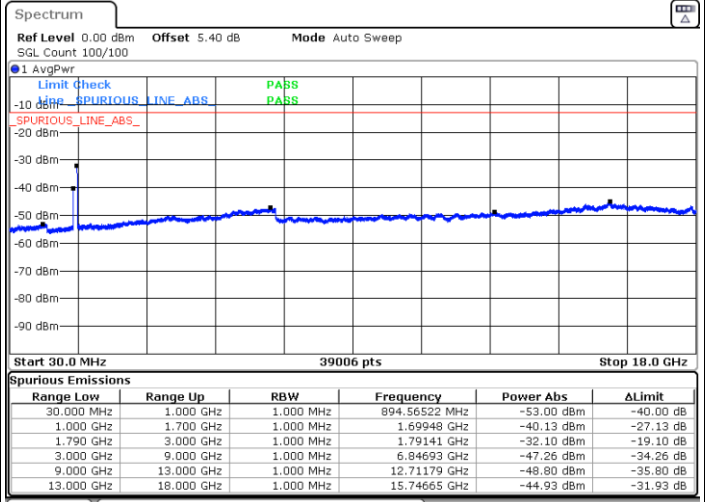
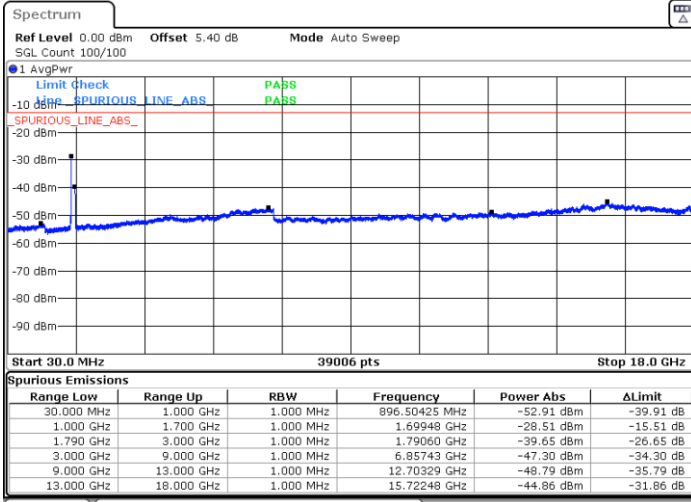


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LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RB49 and 1RB0

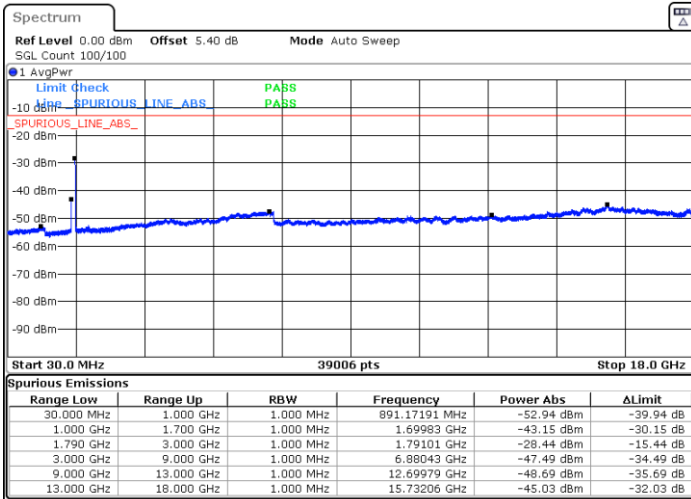
LTE Band 66C / 10MHz+20MHz QPSK Middle Channel / 1RB49 and 1RB0



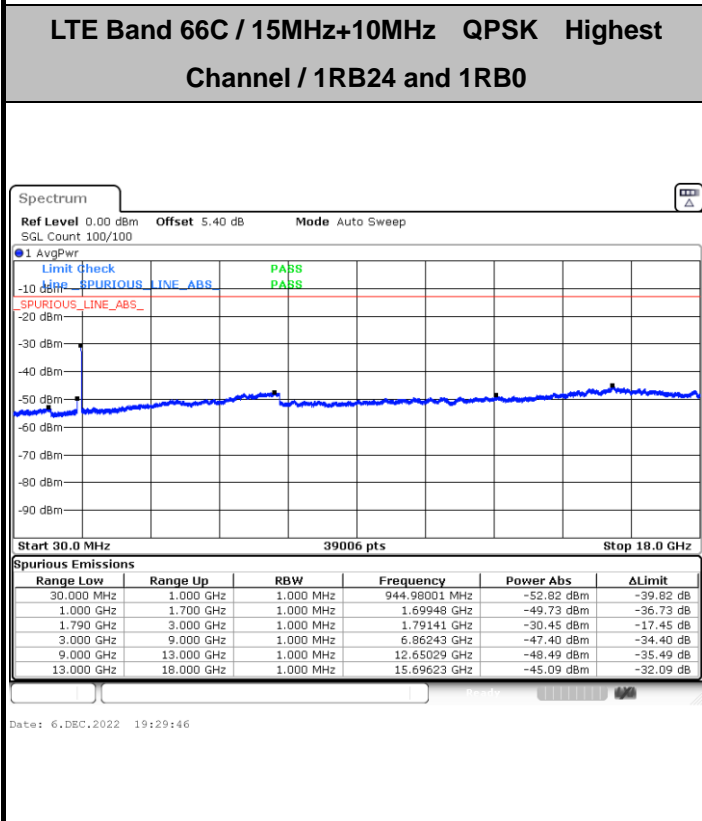
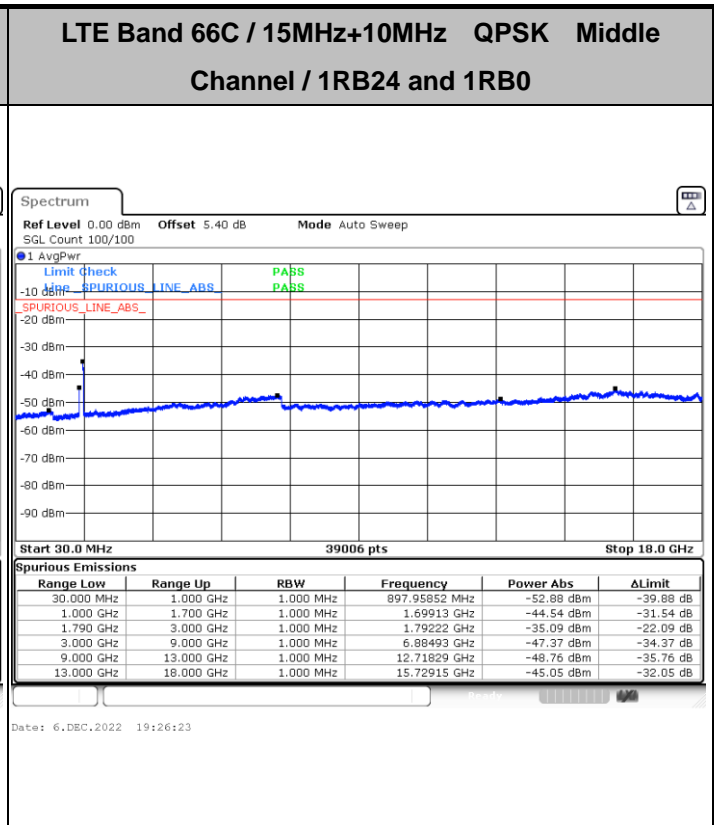
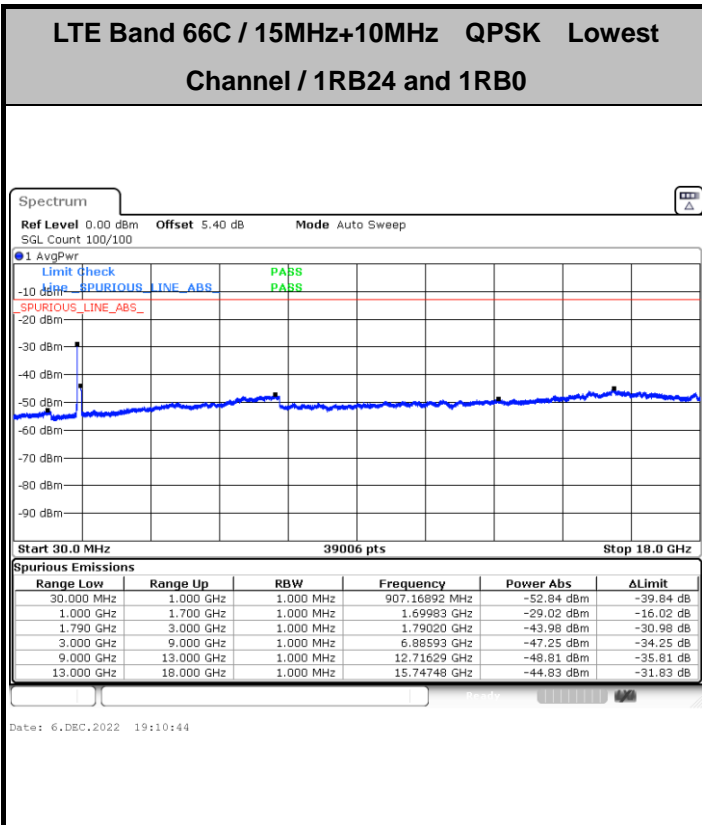
Date: 6.DEC.2022 20:00:27

Date: 6.DEC.2022 20:05:48

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



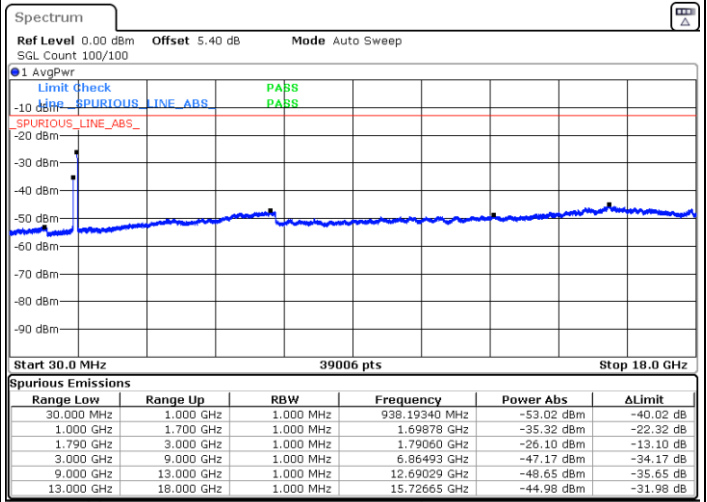
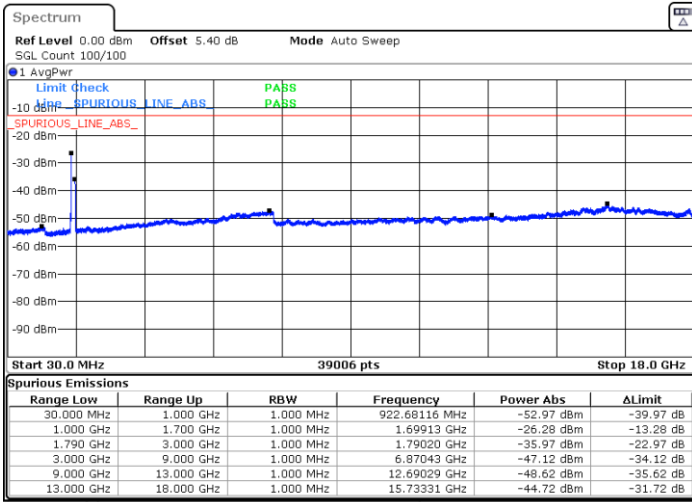
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LTE Band 66C / 15MHz+15MHz QPSK Lowest Channel / 1RB24 and 1RB0

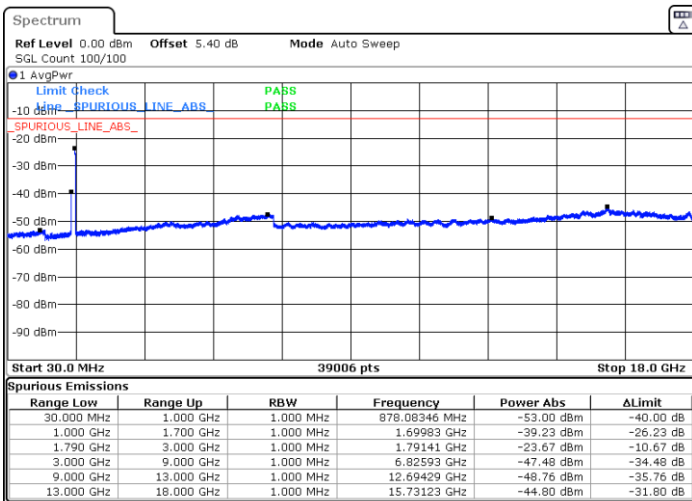
LTE Band 66C / 15MHz+15MHz QPSK Middle Channel / 1RB24 and 1RB0



Date: 6.DEC.2022 21:20:27

Date: 6.DEC.2022 21:22:00

LTE Band 66C / 15MHz+15MHz QPSK Highest Channel / 1RB24 and 1RB0

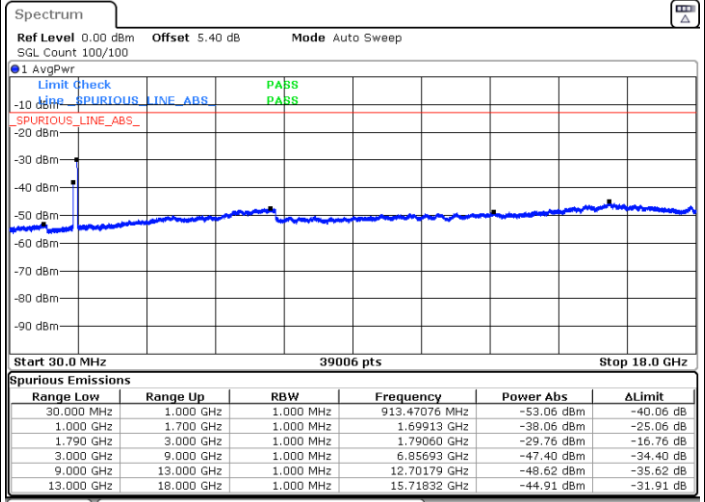
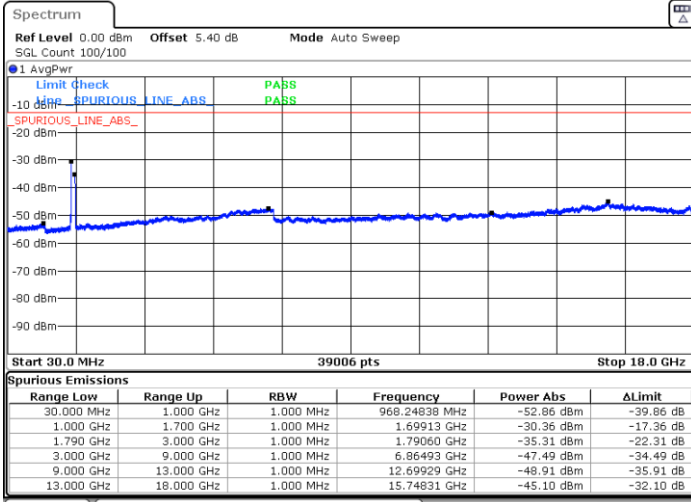


Date: 6.DEC.2022 21:52:07



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

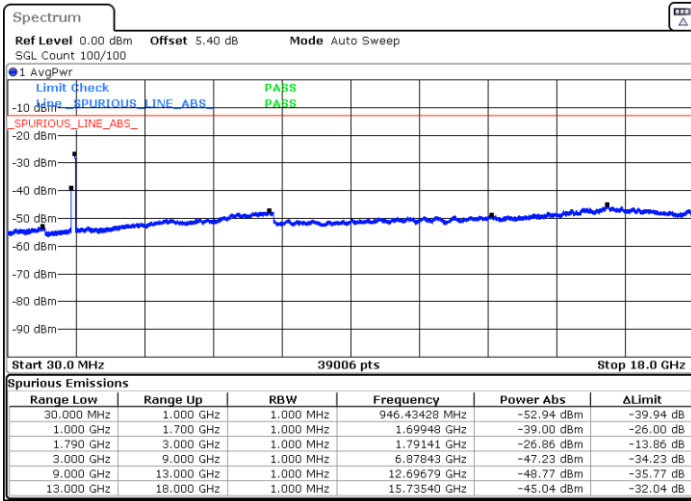
LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RB74 and 1RB0



Date: 6.DEC.2022 22:23:36

Date: 6.DEC.2022 22:25:47

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

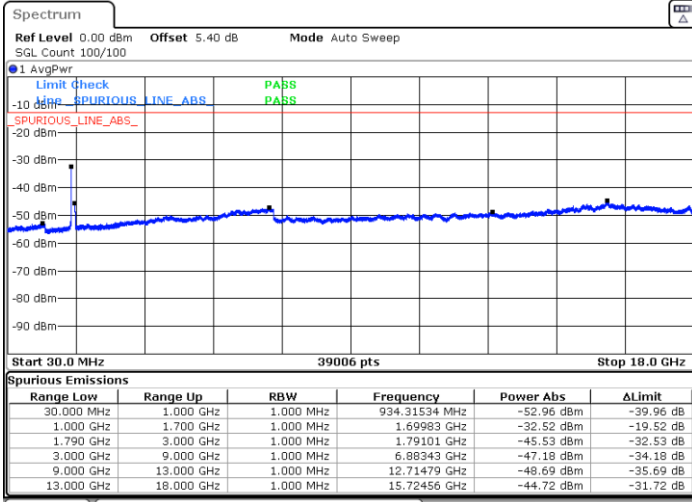


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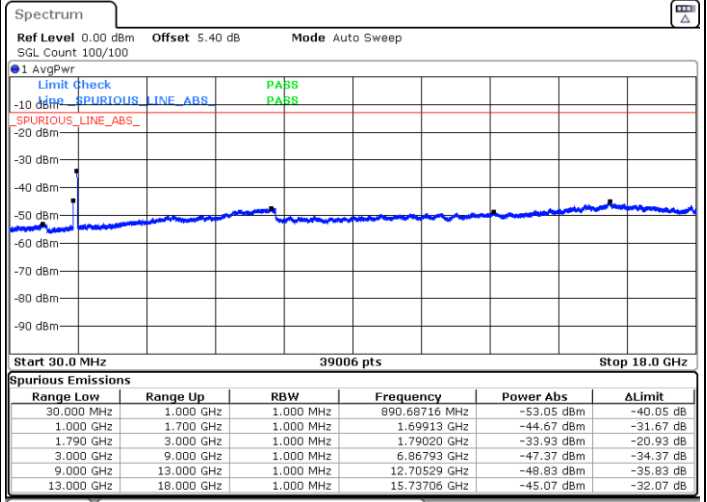


LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

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

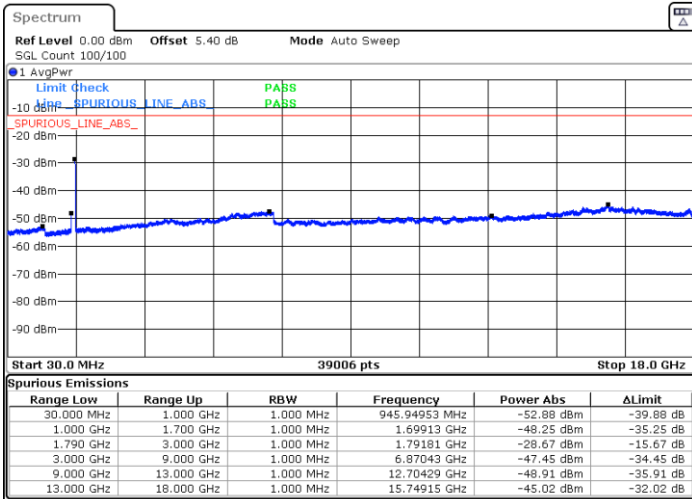


Date: 6.DEC.2022 23:34:24



Date: 6.DEC.2022 23:37:05

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

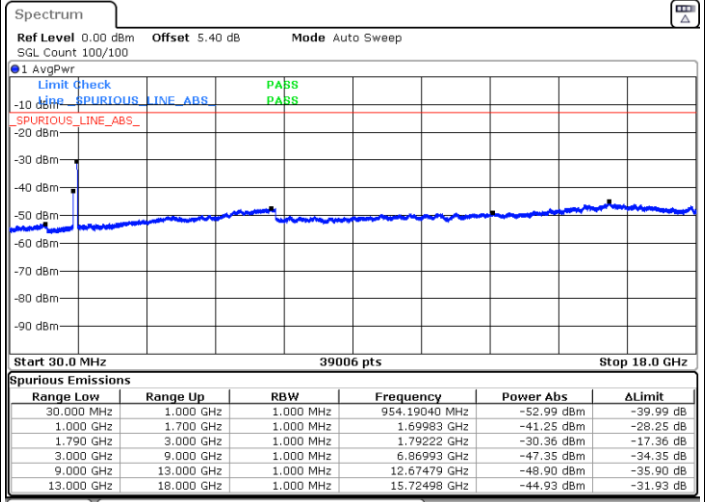
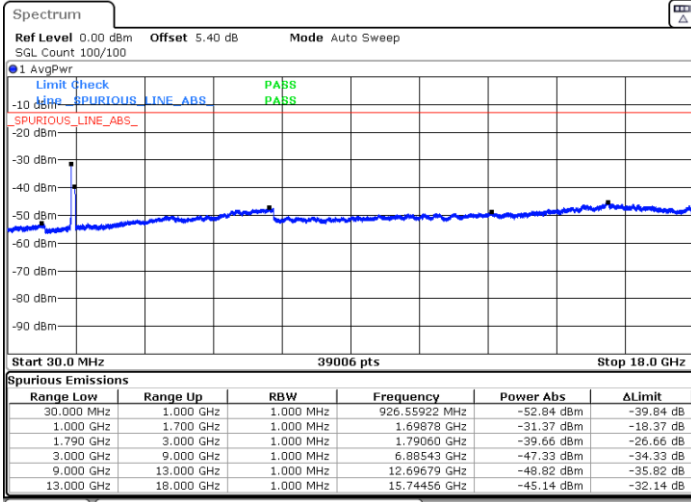


Date: 6.DEC.2022 23:40:24



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

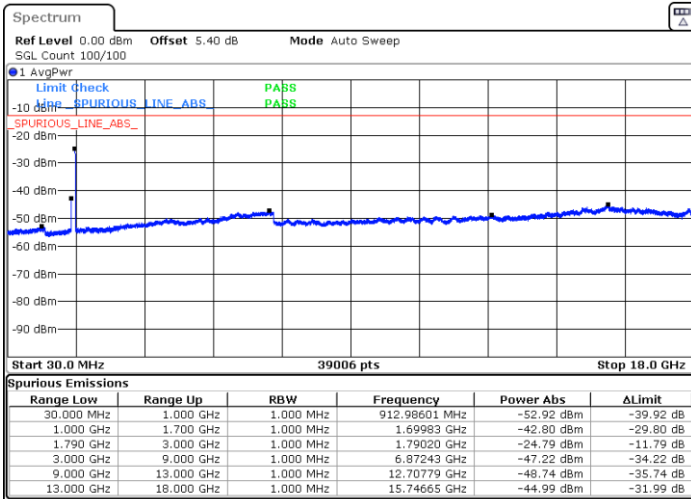
LTE Band 66C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



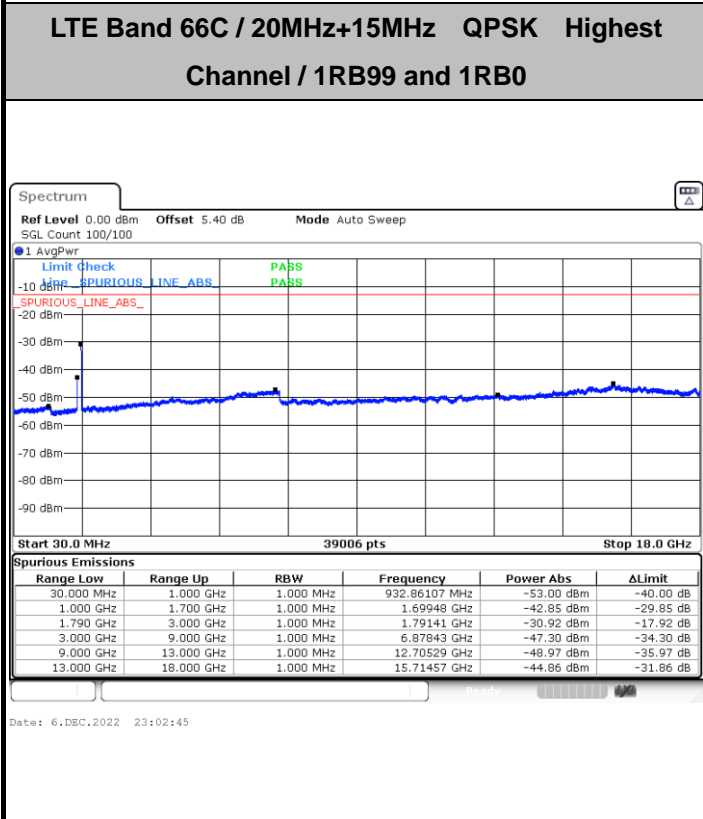
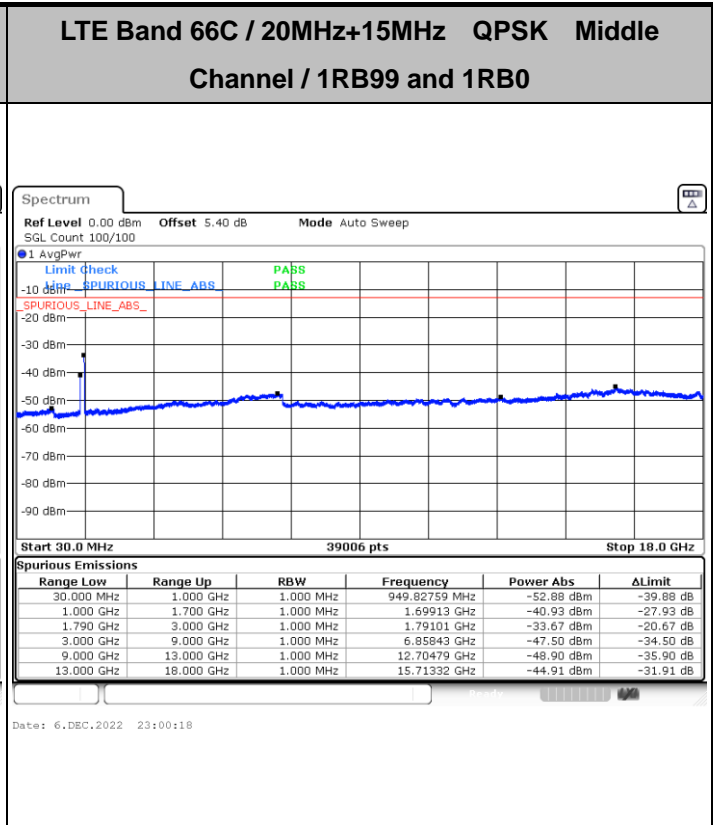
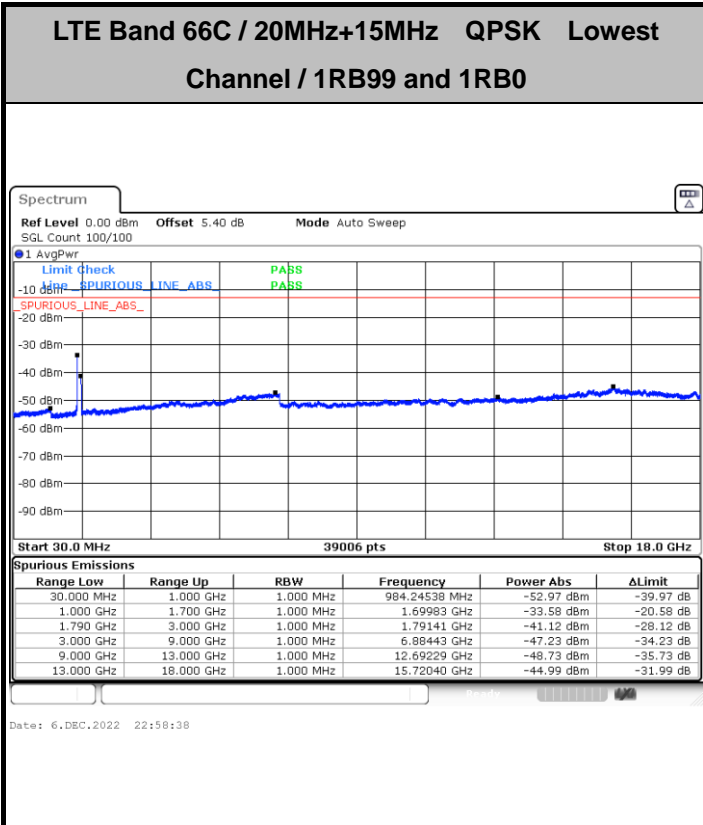
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LTE Band 66C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0



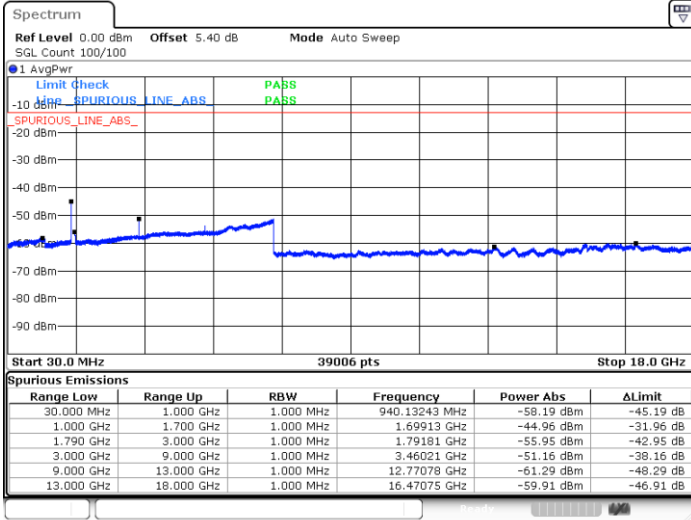
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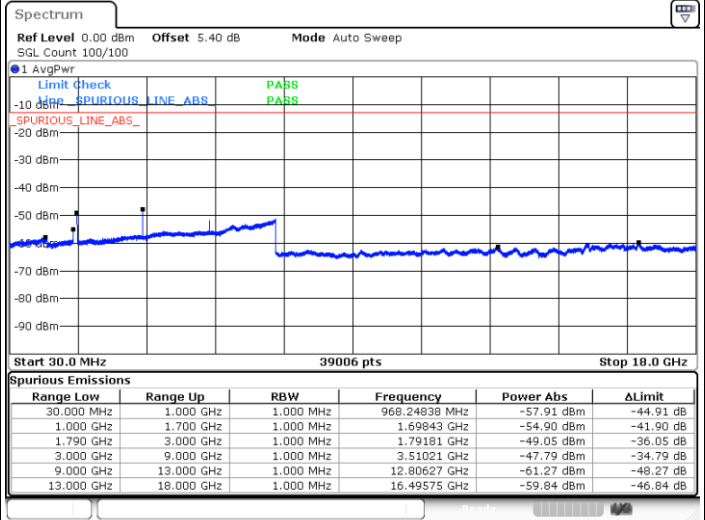


LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

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

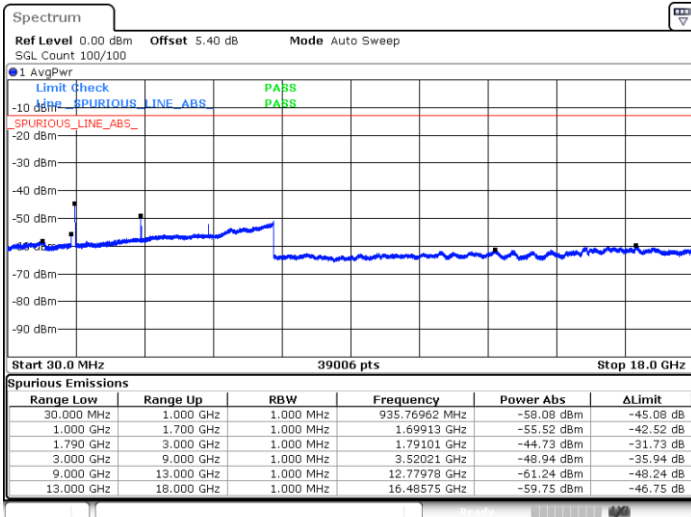


Date: 7.DEC.2022 22:35:09



Date: 7.DEC.2022 22:38:36

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



Date: 7.DEC.2022 22:44:24



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	0.0002	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) = 3.4V. ; Maximum Voltage =4.48 V.
2. 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 :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 13 / 5MHz / QPSK / Ant.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	1560	-67.33	-42.15	-25.18	-69.96	1.09	5.87	H
	2336	-56.79	-13	-43.79	-59.19	1.37	5.92	H
	3120	-61.10	-13	-48.10	-64.99	1.64	7.68	H
	1560	-66.49	-42.15	-24.34	-69.12	1.09	5.87	V
	2336	-60.80	-13	-47.80	-63.20	1.37	5.92	V
	3120	-61.49	-13	-48.49	-65.38	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK / Ant.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	1556	-65.31	-13	-52.31	-67.94	1.09	5.87	H
	2332	-53.15	-13	-40.15	-55.55	1.37	5.92	H
	3108	-61.01	-13	-48.01	-64.90	1.64	7.68	H
	1556	-64.04	-13	-51.04	-66.67	1.09	5.87	V
	2332	-50.49	-13	-37.49	-52.89	1.37	5.92	V
	3108	-61.09	-13	-48.09	-64.98	1.64	7.68	V

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



LTE Band 71 / 20MHz / QPSK / Ant.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	1344	-68.72	-13	-55.72	-70.47	1.02	4.92	H
	2016	-63.13	-13	-50.13	-65.10	1.27	5.39	H
	2688	-61.20	-13	-48.20	-64.13	1.49	6.57	H
	1344	-67.84	-13	-54.84	-69.59	1.02	4.92	V
	2016	-62.12	-13	-49.12	-64.09	1.27	5.39	V
	2688	-60.42	-13	-47.42	-63.35	1.49	6.57	V

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

LTE Band 5B_CA / 10MHz+10MHz / QPSK / Ant.0								
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 (1RB0)	1656.00	-65.69	-13	-52.69	-68.93	1.11	6.50	H
	2480.00	-57.22	-13	-44.22	-59.84	1.43	6.20	H
	3304.00	-61.29	-13	-48.29	-65.73	1.71	8.30	H
	1656.00	-64.86	-13	-51.86	-68.10	1.11	6.50	V
	2480.00	-58.75	-13	-45.75	-61.37	1.43	6.20	V
	3304.00	-61.57	-13	-48.57	-66.01	1.71	8.30	V
Middle (1RBMax)	1672.00	-65.42	-13	-52.42	-68.66	1.11	6.50	H
	2504.00	-61.47	-13	-48.47	-64.09	1.43	6.20	H
	3344.00	-61.54	-13	-48.54	-65.98	1.71	8.30	H
	1672.00	-64.50	-13	-51.50	-67.74	1.11	6.50	V
	2504.00	-60.36	-13	-47.36	-62.98	1.43	6.20	V
	3344.00	-61.54	-13	-48.54	-65.98	1.71	8.30	V

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



LTE Band 66B_CA / 10MHz+10MHz / QPSK / Ant.0								
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 (1RB0)	3495	-58.96	-13	-45.96	-69.70	2.604	13.34	H
	5235	-54.59	-13	-41.59	-65.10	3.011	13.52	H
	6975	-55.67	-13	-42.67	-65.87	3.271	13.47	H
	3495	-60.29	-13	-47.29	-71.03	2.604	13.34	V
	5235	-58.26	-13	-45.26	-68.77	3.011	13.52	V
	6975	-56.47	-13	-43.47	-66.67	3.271	13.47	V
Middle (1RBMax)	3510	-59.13	-13	-46.13	-69.87	2.604	13.34	H
	5265	-57.09	-13	-44.09	-67.60	3.011	13.52	H
	7020	-55.94	-13	-42.94	-66.14	3.271	13.47	H
	3510	-60.67	-13	-47.67	-71.41	2.604	13.34	V
	5265	-58.38	-13	-45.38	-68.89	3.011	13.52	V
	7020	-57.17	-13	-44.17	-67.37	3.271	13.47	V

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

LTE Band 66C_CA / 20MHz+20MHz / QPSK / Ant.0								
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 (1RB0)	3471	-59.06	-13	-46.06	-69.80	2.604	13.34	H
	5208	-56.21	-13	-43.21	-66.72	3.011	13.52	H
	6948	-55.21	-13	-42.21	-65.41	3.271	13.47	H
	3471	-59.57	-13	-46.57	-70.31	2.604	13.34	V
	5208	-56.65	-13	-43.65	-67.16	3.011	13.52	V
	6948	-55.21	-13	-42.21	-65.41	3.271	13.47	V
Middle (1RBMax)	3507	-59.13	-13	-46.13	-69.87	2.604	13.34	H
	5262	-56.80	-13	-43.80	-67.31	3.011	13.52	H
	7020	-55.37	-13	-42.37	-65.57	3.271	13.47	H
	3507	-59.36	-13	-46.36	-70.10	2.604	13.34	V
	5262	-57.04	-13	-44.04	-67.55	3.011	13.52	V
	7020	-55.07	-13	-42.07	-65.27	3.271	13.47	V

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