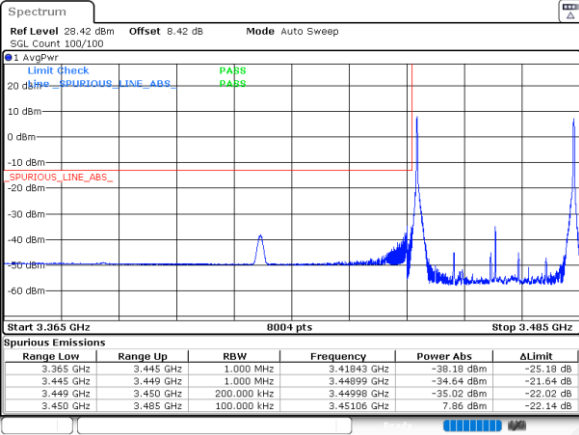




LTE Band 42C / 20MHz+15MHz

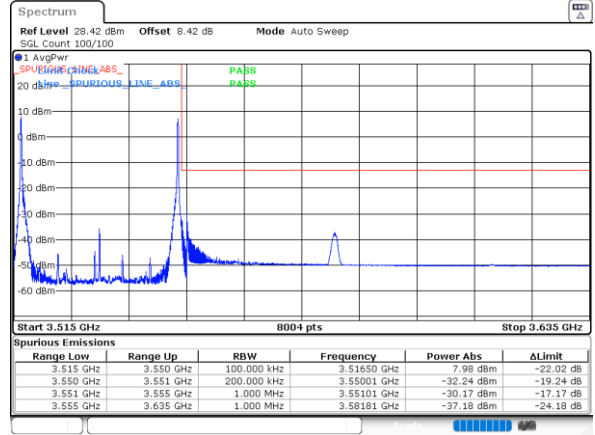
256QAM

Lowest Band Edge / 1RB0 and 1RB74



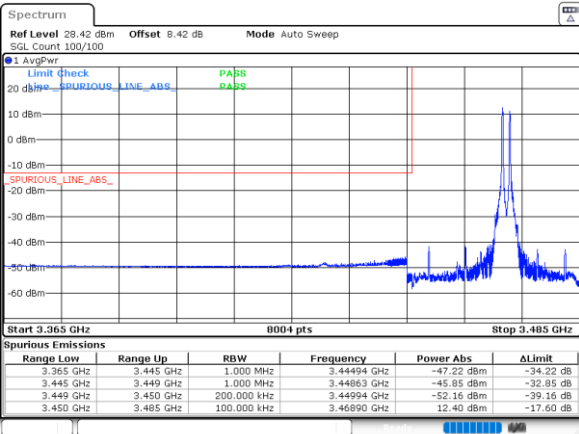
Date: 11.FEB.2023 06:01:33

Highest Band Edge / 1RB0 and 1RB74



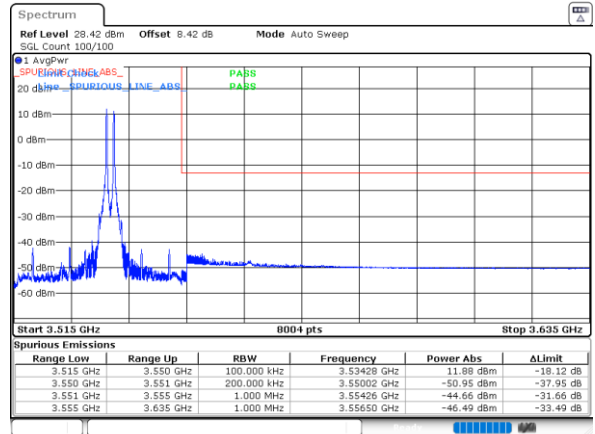
Date: 11.FEB.2023 06:19:06

Lowest Band Edge / 1RB99 and 1RB0



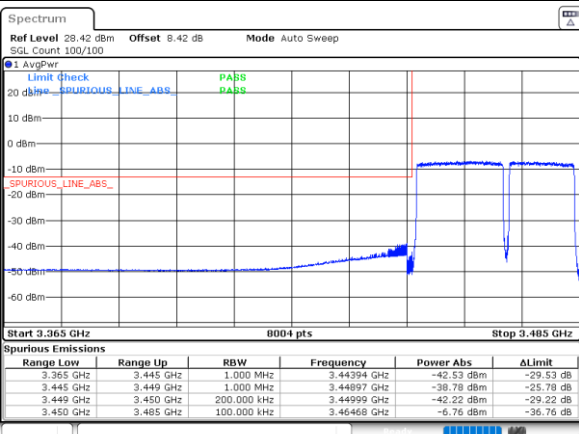
Date: 11.FEB.2023 05:51:50

Highest Band Edge / 1RB99 and 1RB0



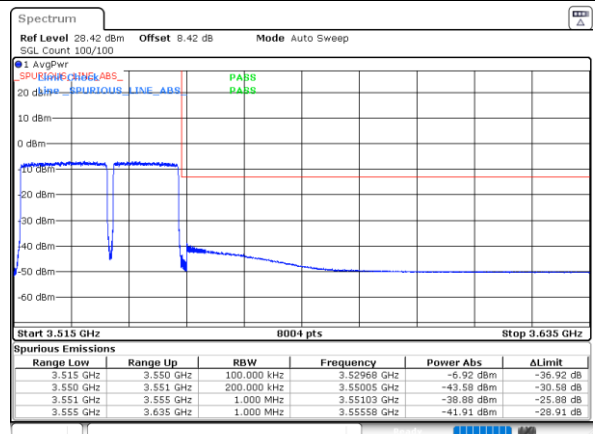
Date: 11.FEB.2023 06:09:28

Lowest Band Edge / Full RB



Date: 11.FEB.2023 05:56:41

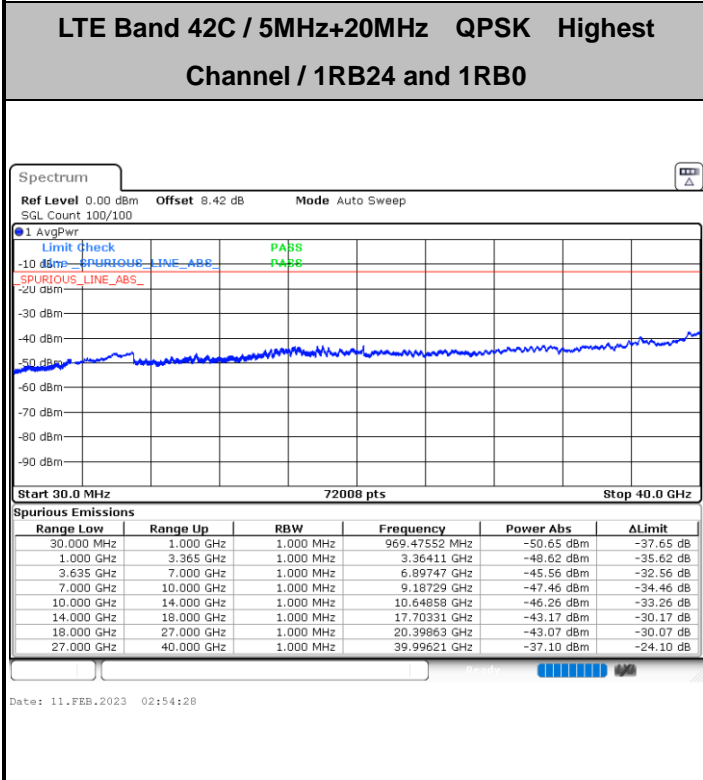
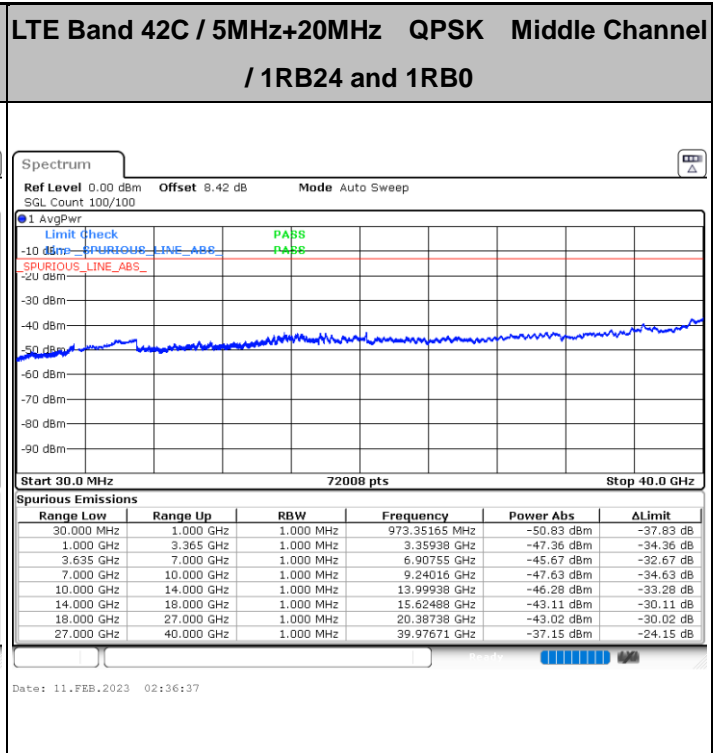
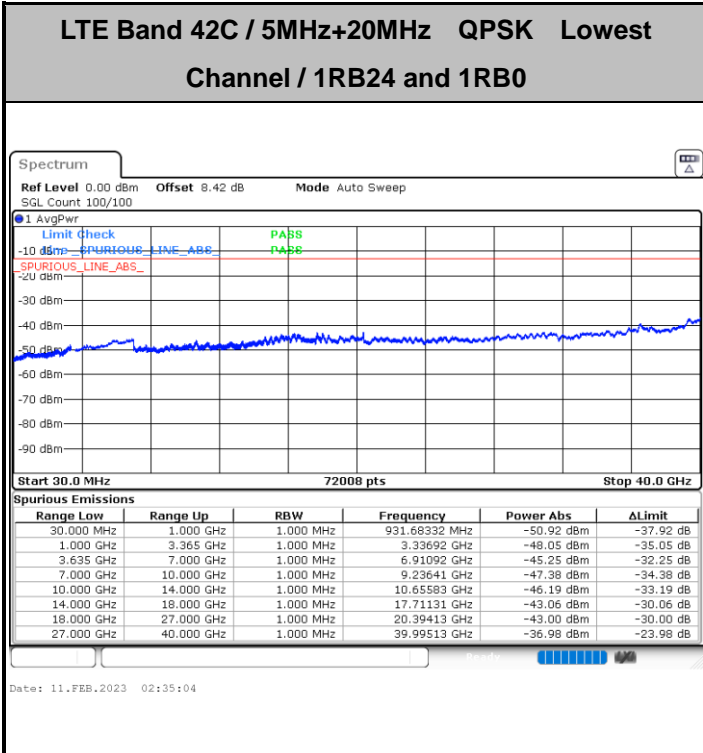
Highest Band Edge / Full RB

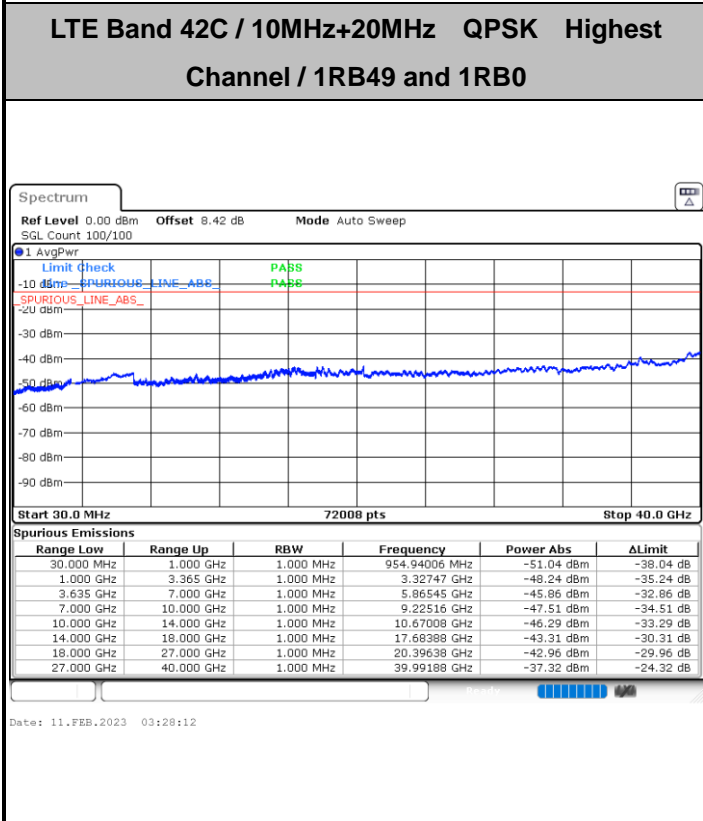
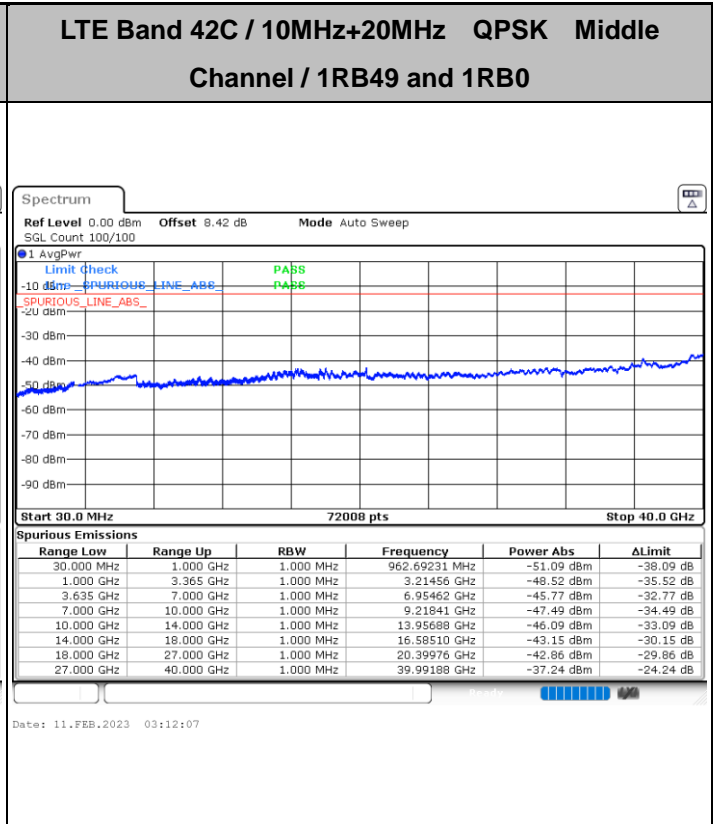
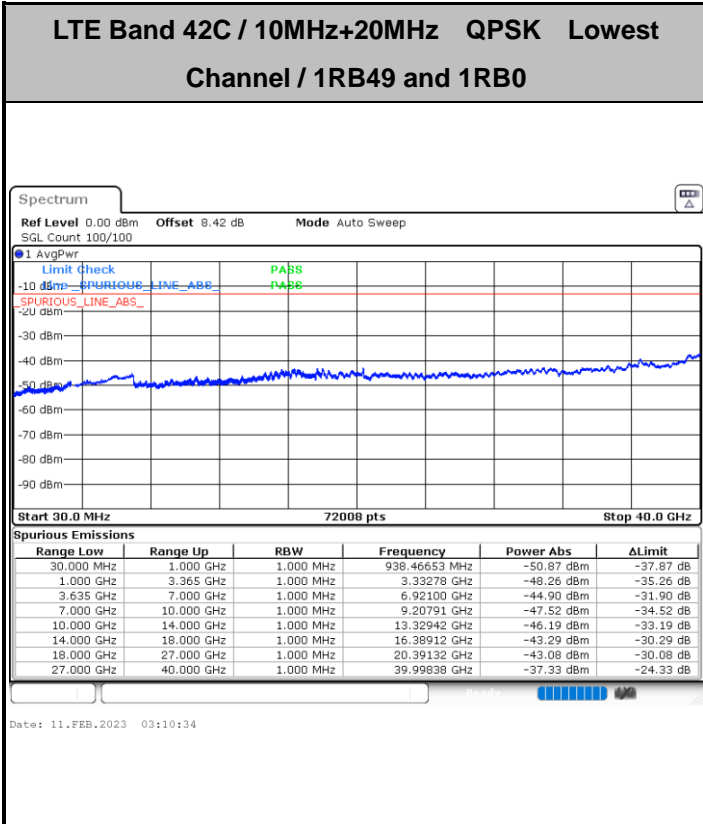


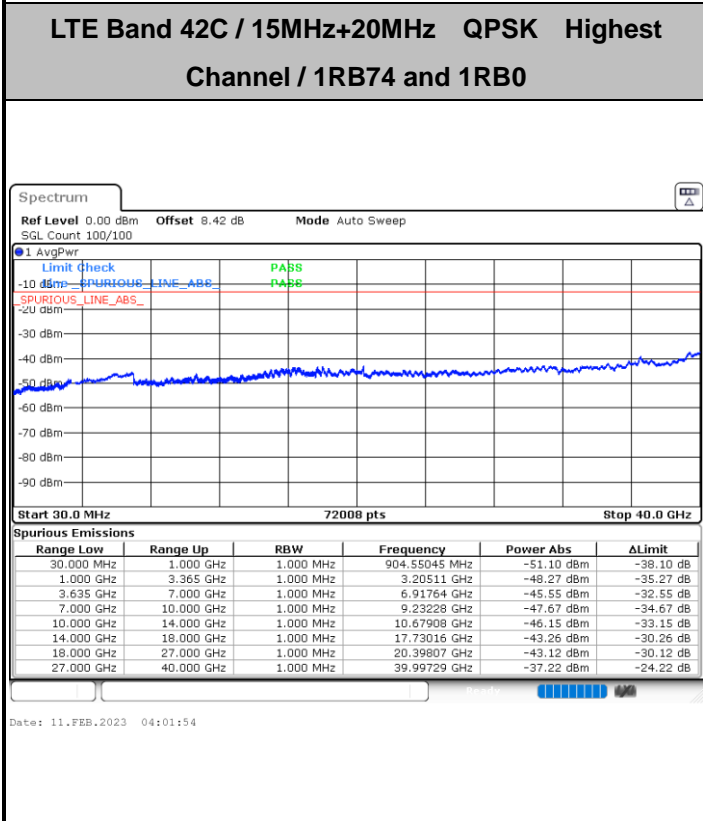
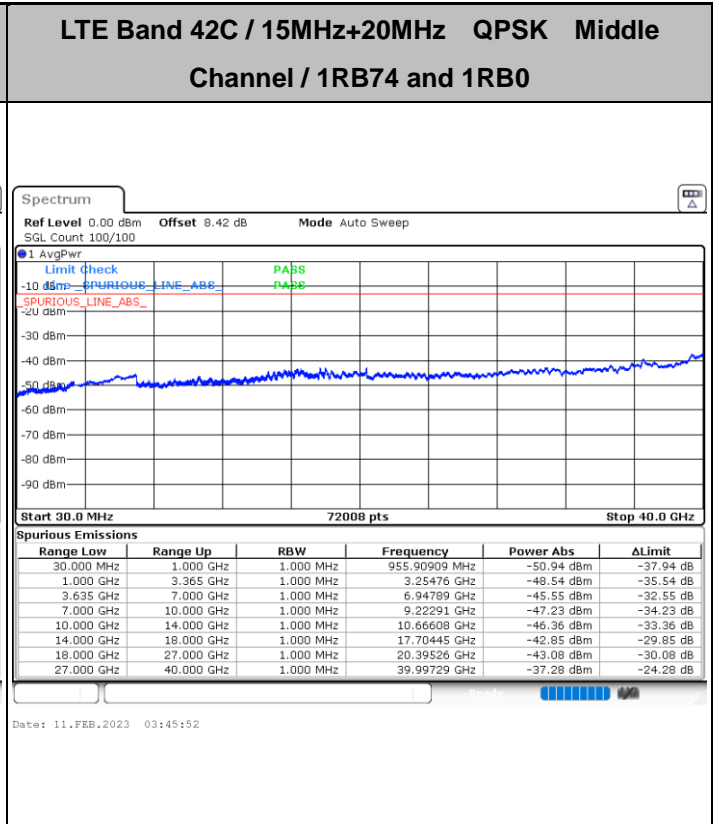
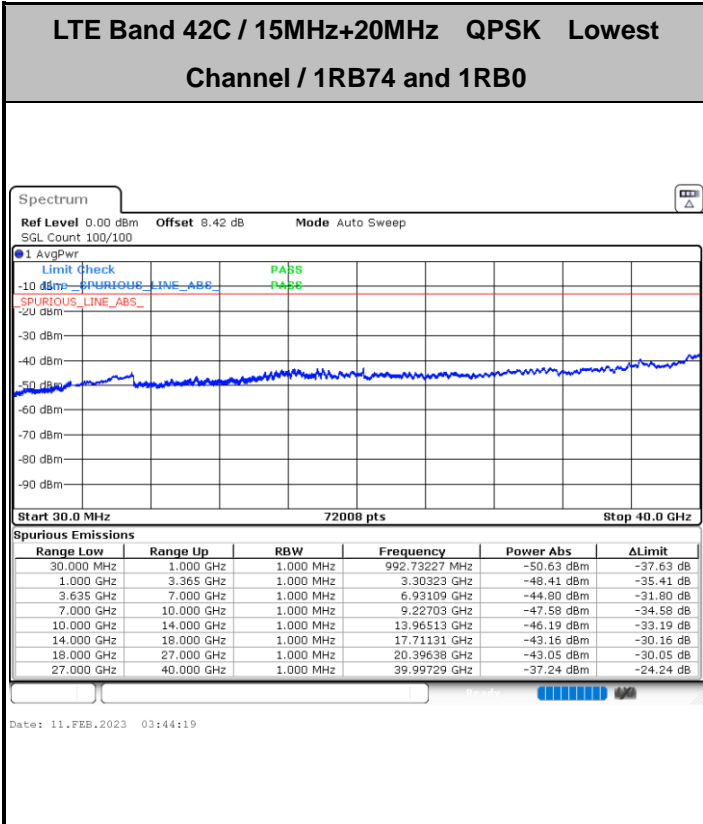
Date: 11.FEB.2023 06:14:17

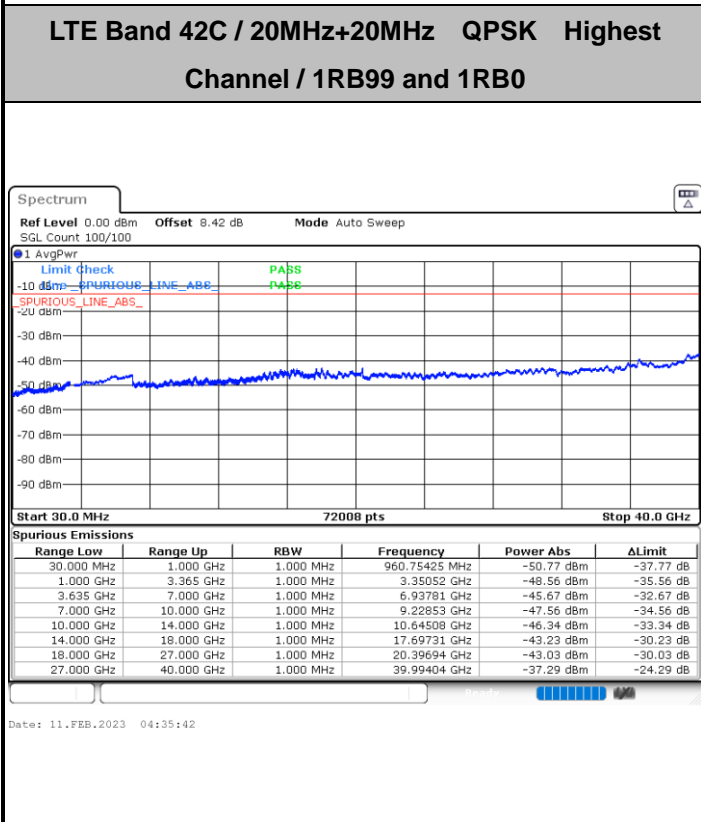
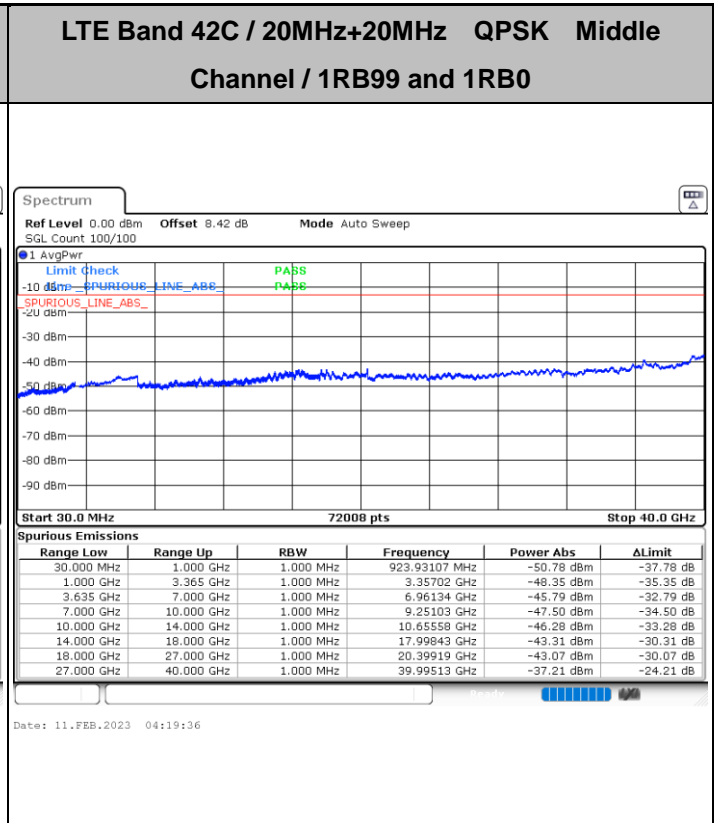
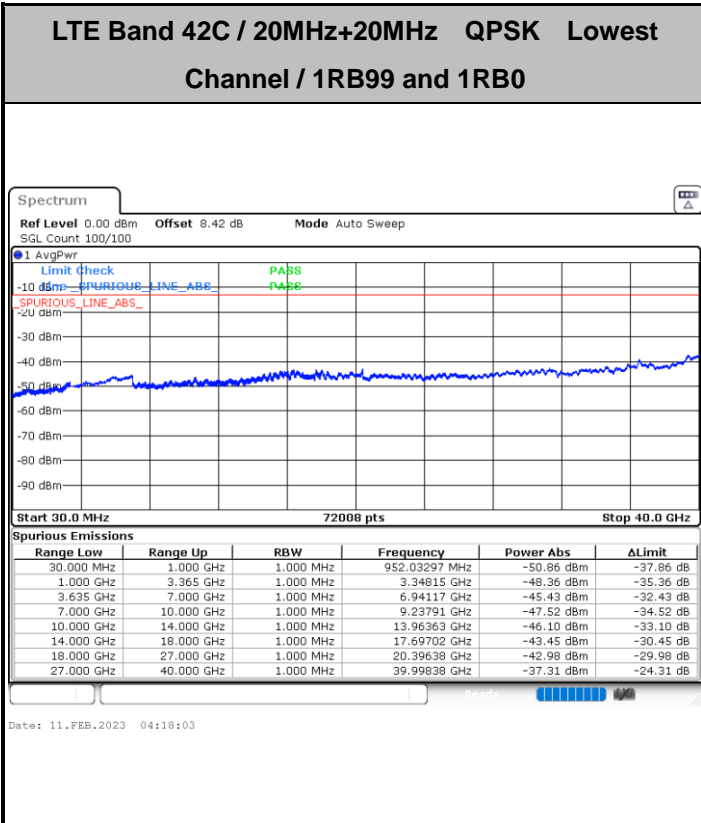


# Conducted Spurious Emission



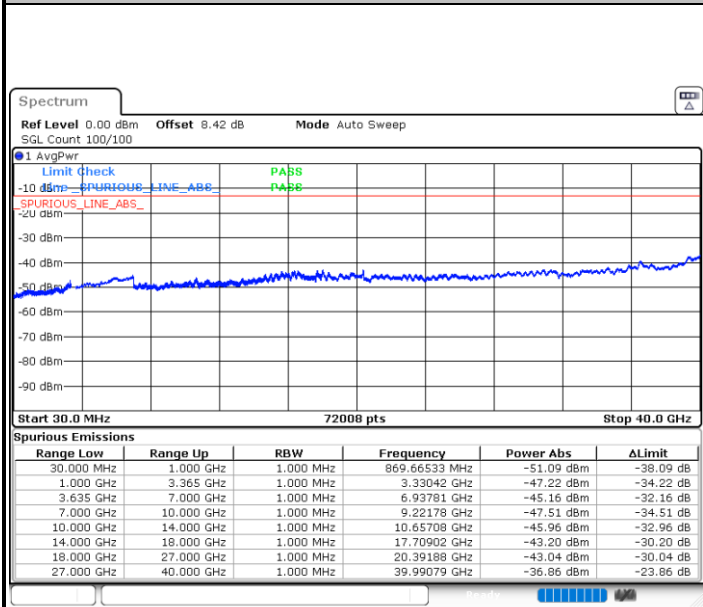






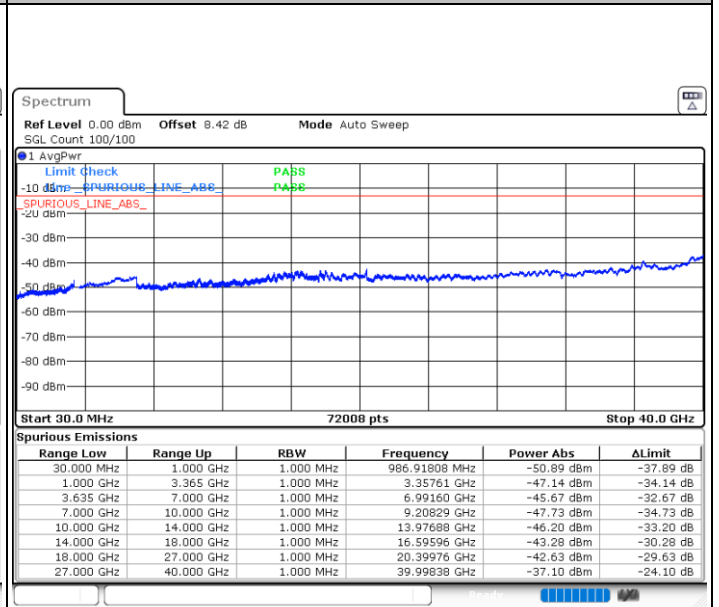


**LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0**



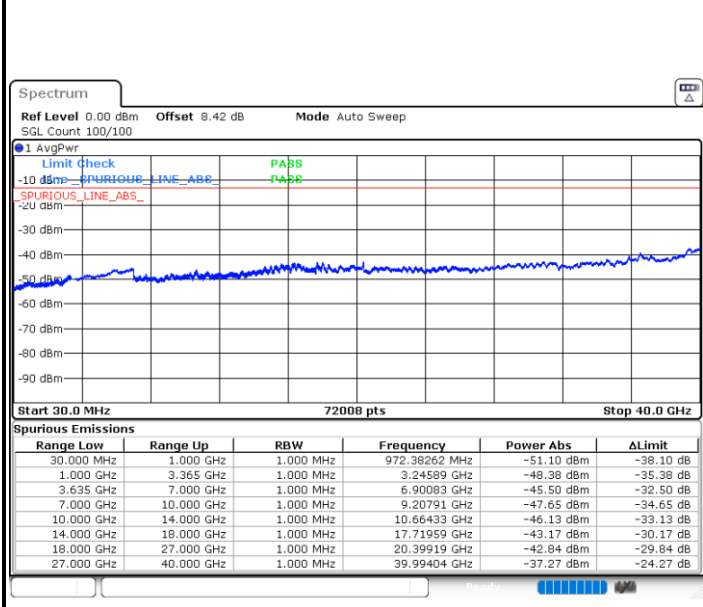
Date: 11.FEB.2023 04:51:47

**LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0**



Date: 11.FEB.2023 04:53:22

**LTE Band 42C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0**

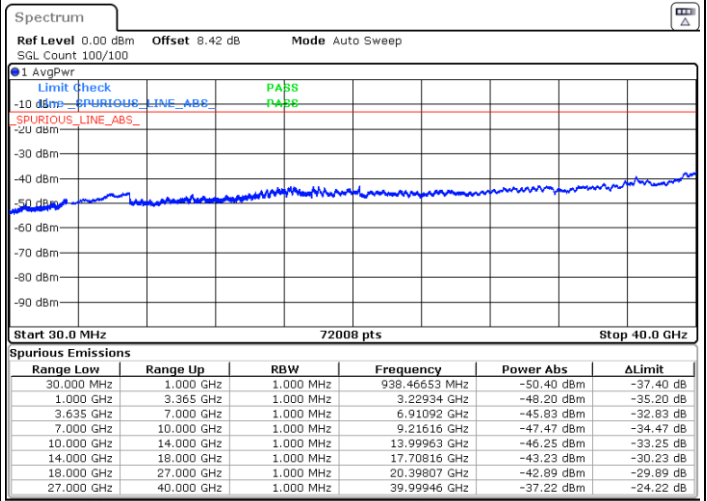
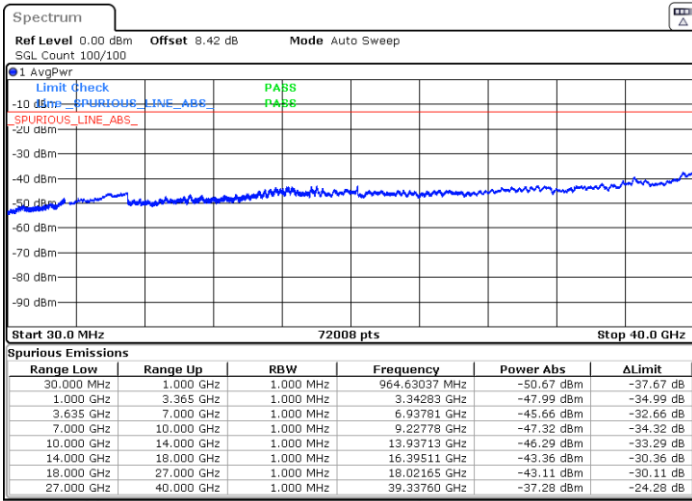


Date: 11.FEB.2023 05:09:30



LTE Band 42C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

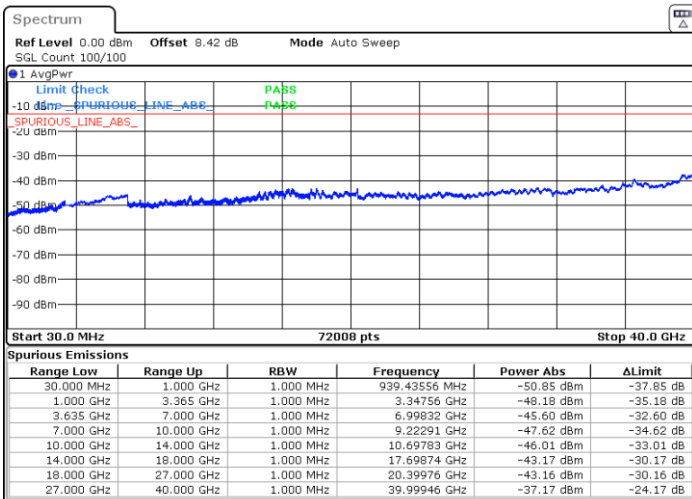
LTE Band 42C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 11.FEB.2023 05:25:36

Date: 11.FEB.2023 05:27:09

LTE Band 42C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0

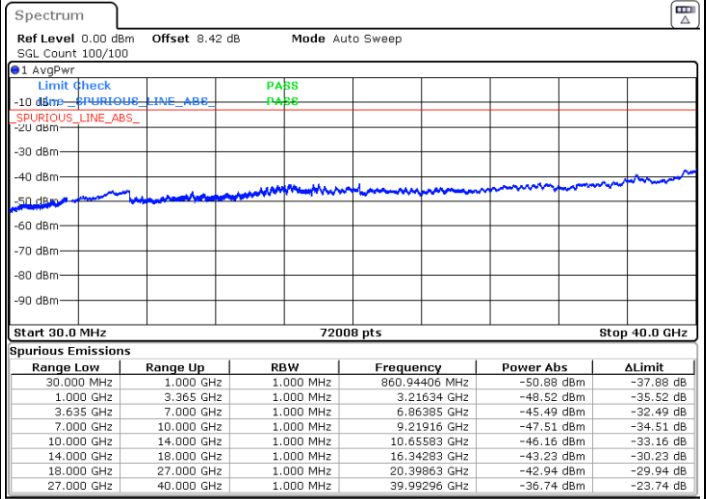
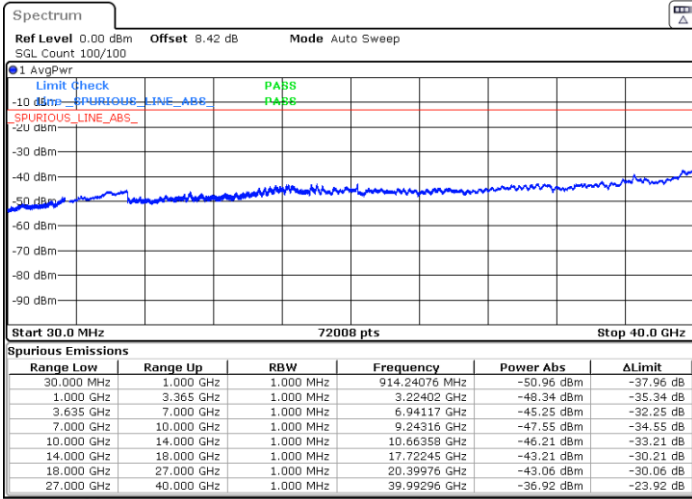


Date: 11.FEB.2023 05:43:14



LTE Band 42C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0

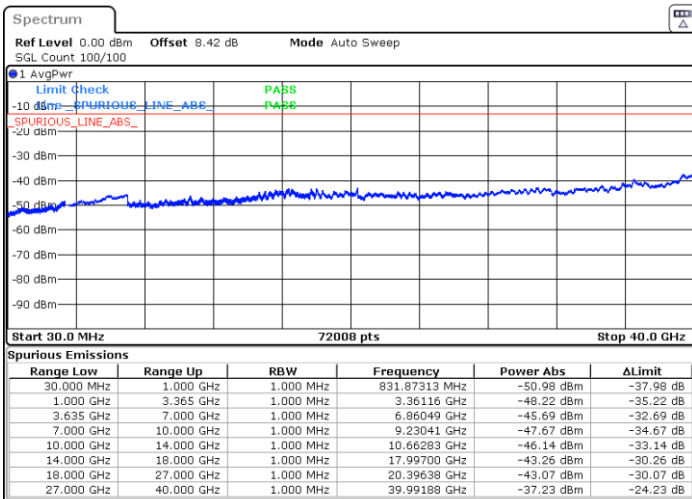
LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 11.FEB.2023 06:02:58

Date: 11.FEB.2023 07:07:44

LTE Band 42C / 20MHz+15MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 11.FEB.2023 06:20:33



## Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0013	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 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 :	Carl Ni	Temperature :	22~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 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)
Lowest	6900	-63.48	-13	-50.48	-73.69	3.03	13.24	H
	10356	-61.49	-13	-48.49	-70.94	3.56	13.01	H
	13800	-59.83	-13	-46.83	-69.35	3.92	13.44	H
	6900	-63.70	-13	-50.70	-73.91	3.03	13.24	V
	10356	-61.30	-13	-48.30	-70.75	3.56	13.01	V
	13800	-59.78	-13	-46.78	-69.30	3.92	13.44	V
Middle	6984	-62.81	-13	-49.81	-73.02	3.03	13.24	H
	10476	-61.83	-13	-48.83	-71.28	3.56	13.01	H
	13968	-59.69	-13	-46.69	-69.21	3.92	13.44	H
	6984	-62.72	-13	-49.72	-72.93	3.03	13.24	V
	10476	-62.09	-13	-49.09	-71.54	3.56	13.01	V
	13968	-59.67	-13	-46.67	-69.19	3.92	13.44	V
Highest	7056	-62.95	-13	-49.95	-73.16	3.03	13.24	H
	10596	-60.49	-13	-47.49	-69.94	3.56	13.01	H
	14124	-60.28	-13	-47.28	-69.80	3.92	13.44	H
	7056	-62.55	-13	-49.55	-72.76	3.03	13.24	V
	10596	-60.81	-13	-47.81	-70.26	3.56	13.01	V
	14124	-60.56	-13	-47.56	-70.08	3.92	13.44	V

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



<PCC: 1RB0>

LTE Band 42C_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)
Lowest	6900	-63.29	-13	-50.29	-73.50	3.03	13.24	H
	10356	-61.47	-13	-48.47	-70.92	3.56	13.01	H
	13800	-59.81	-13	-46.81	-69.33	3.92	13.44	H
	6900	-63.57	-13	-50.57	-73.78	3.03	13.24	V
	10356	-61.78	-13	-48.78	-71.23	3.56	13.01	V
	13800	-60.40	-13	-47.40	-69.92	3.92	13.44	V
Middle	6984	-63.23	-13	-50.23	-73.44	3.03	13.24	H
	10476	-62.15	-13	-49.15	-71.60	3.56	13.01	H
	13968	-59.72	-13	-46.72	-69.24	3.92	13.44	H
	6984	-63.16	-13	-50.16	-73.37	3.03	13.24	V
	10476	-62.36	-13	-49.36	-71.81	3.56	13.01	V
	13968	-60.01	-13	-47.01	-69.53	3.92	13.44	V
Highest	7020	-62.89	-13	-49.89	-73.10	3.03	13.24	H
	10536	-61.39	-13	-48.39	-70.84	3.56	13.01	H
	14040	-59.55	-13	-46.55	-69.07	3.92	13.44	H
	7020	-62.75	-13	-49.75	-72.96	3.03	13.24	V
	10536	-61.57	-13	-48.57	-71.02	3.56	13.01	V
	14040	-59.27	-13	-46.27	-68.79	3.92	13.44	V

<SCC: 1RB MAX>

LTE Band 42C_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)
Lowest	6936	-63.71	-13	-50.71	-73.92	3.03	13.24	H
	10416	-61.45	-13	-48.45	-70.90	3.56	13.01	H
	13884	-60.64	-13	-47.64	-70.16	3.92	13.44	H
	6936	-63.71	-13	-50.71	-73.92	3.03	13.24	V
	10416	-61.35	-13	-48.35	-70.80	3.56	13.01	V
	13884	-60.58	-13	-47.58	-70.10	3.92	13.44	V
Middle	7020	-62.86	-13	-49.86	-73.07	3.03	13.24	H
	10536	-61.56	-13	-48.56	-71.01	3.56	13.01	H
	14040	-59.54	-13	-46.54	-69.06	3.92	13.44	H
	7020	-62.90	-13	-49.90	-73.11	3.03	13.24	V
	10536	-61.62	-13	-48.62	-71.07	3.56	13.01	V
	14040	-59.47	-13	-46.47	-68.99	3.92	13.44	V
Highest	7056	-62.84	-13	-49.84	-73.05	3.03	13.24	H
	10596	-60.74	-13	-47.74	-70.19	3.56	13.01	H
	14124	-61.01	-13	-48.01	-70.53	3.92	13.44	H
	7056	-62.96	-13	-49.96	-73.17	3.03	13.24	V
	10596	-61.10	-13	-48.10	-70.55	3.56	13.01	V
	14124	-60.59	-13	-47.59	-70.11	3.92	13.44	V

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