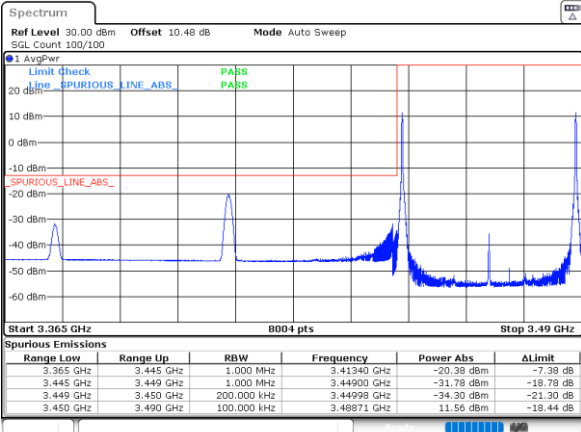




LTE Band 42C / 20MHz+20MHz

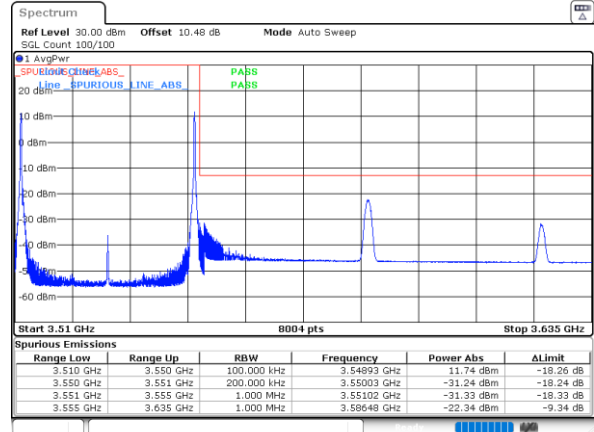
16QAM

Lowest Band Edge / 1RB0 and 1RB9



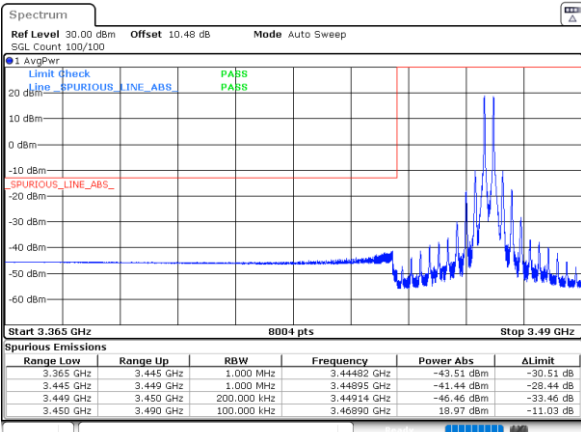
Date: 30.OCT.2022 13:21:43

Highest Band Edge / 1RB0 and 1RB9



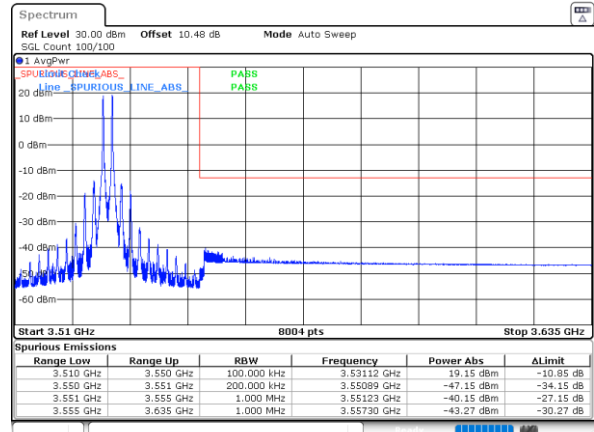
Date: 30.OCT.2022 13:43:12

Lowest Band Edge / 1RB99 and 1RB0



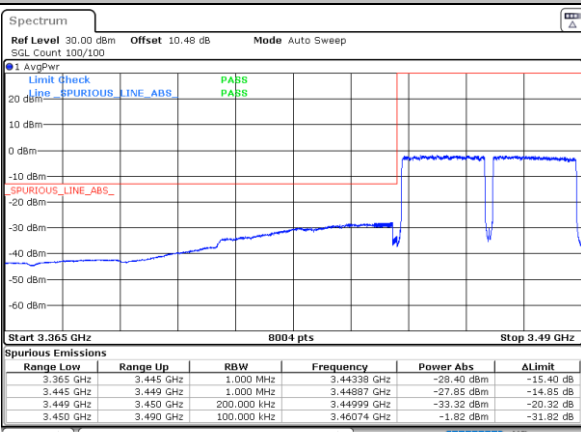
Date: 30.OCT.2022 13:27:04

Highest Band Edge / 1RB99 and 1RB0



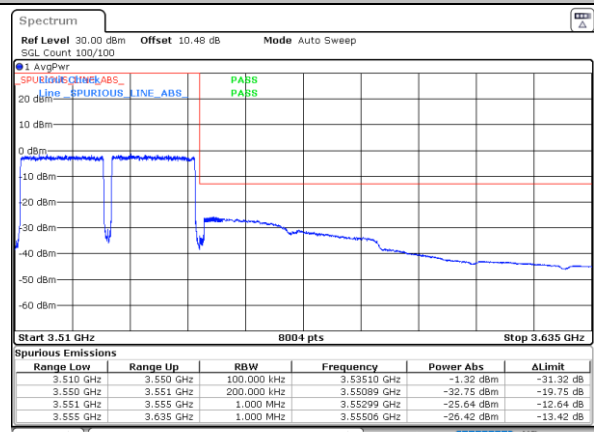
Date: 30.OCT.2022 13:48:33

Lowest Band Edge / Full RB



Date: 30.OCT.2022 13:12:49

Highest Band Edge / Full RB



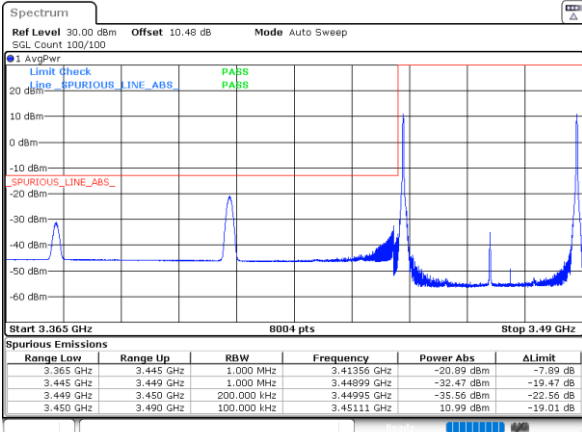
Date: 30.OCT.2022 13:34:18



LTE Band 42C / 20MHz+20MHz

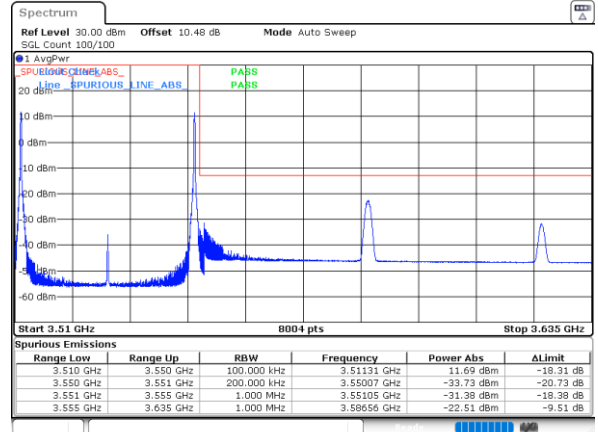
64QAM

Lowest Band Edge / 1RB0 and 1RB9



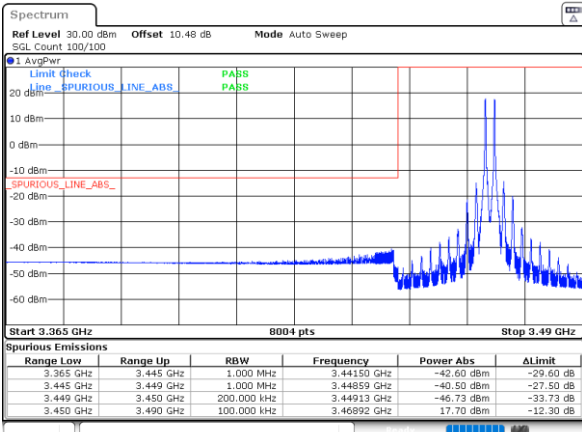
Date: 30.OCT.2022 13:19:56

Highest Band Edge / 1RB0 and 1RB9



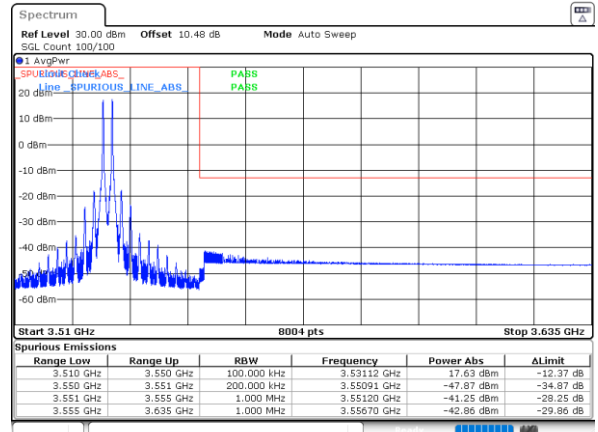
Date: 30.OCT.2022 13:41:26

Lowest Band Edge / 1RB99 and 1RB0



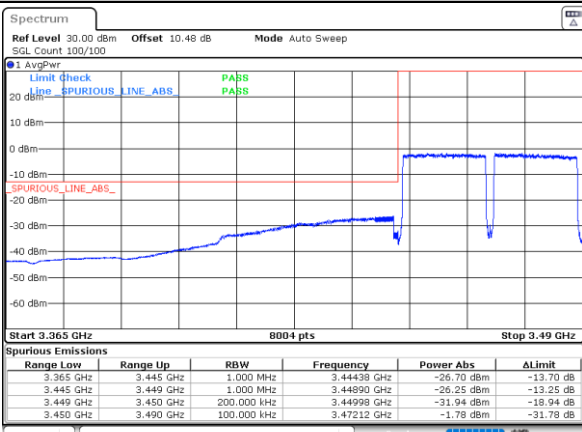
Date: 30.OCT.2022 13:28:51

Highest Band Edge / 1RB99 and 1RB0



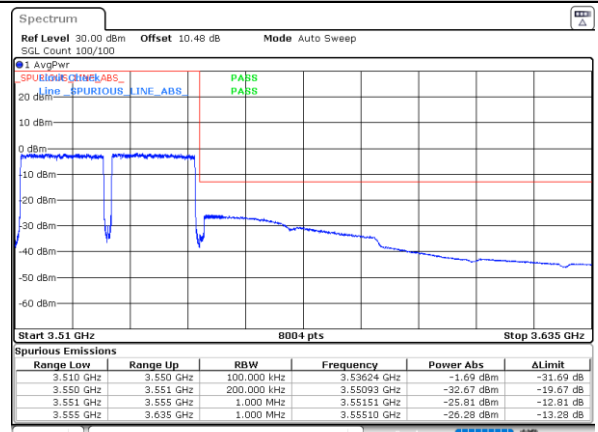
Date: 30.OCT.2022 13:50:20

Lowest Band Edge / Full RB



Date: 30.OCT.2022 13:14:35

Highest Band Edge / Full RB



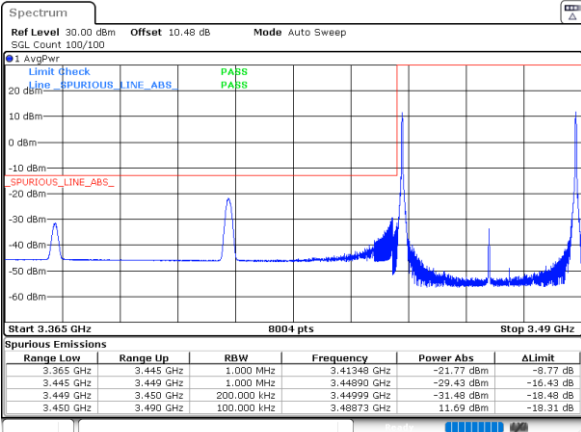
Date: 30.OCT.2022 13:36:05



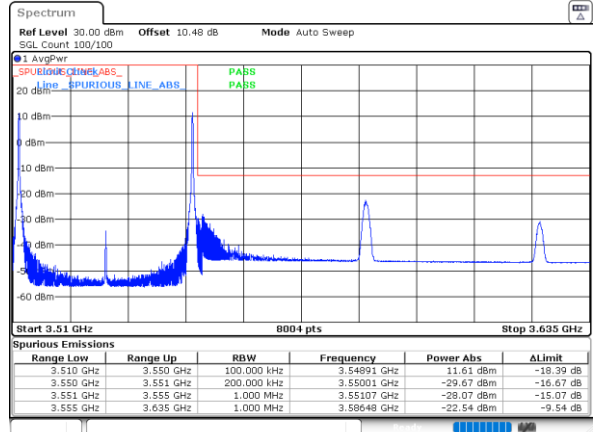
LTE Band 42C / 20MHz+20MHz

256QAM

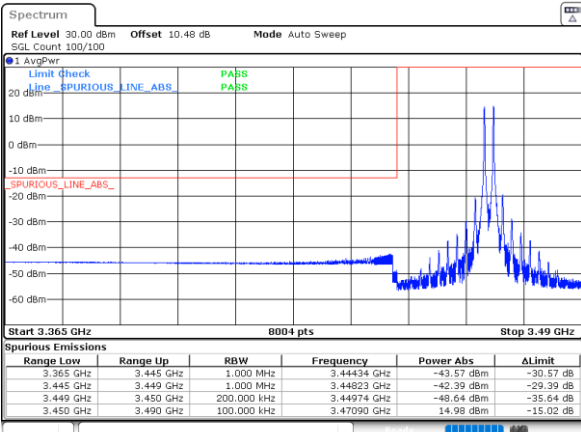
Lowest Band Edge / 1RB0 and 1RB9



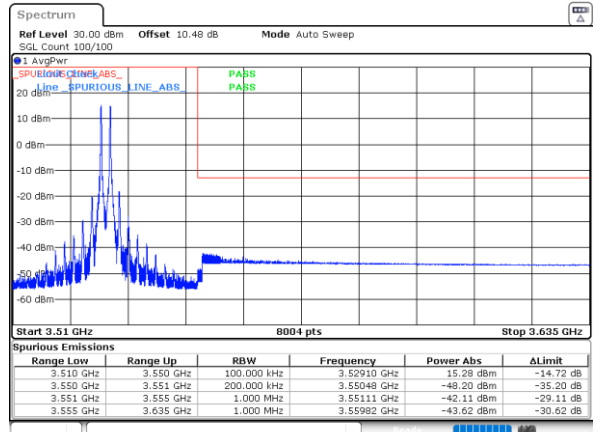
Highest Band Edge / 1RB0 and 1RB9



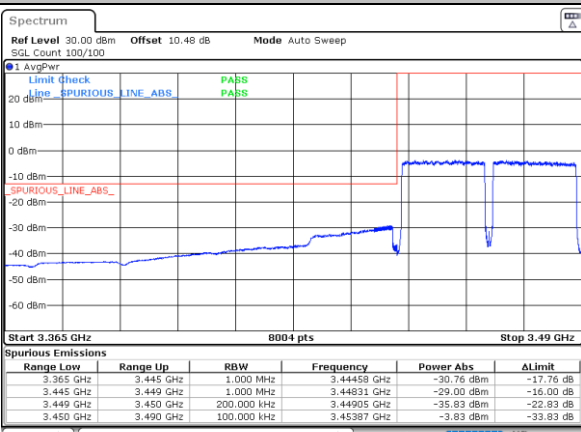
Lowest Band Edge / 1RB99 and 1RB0



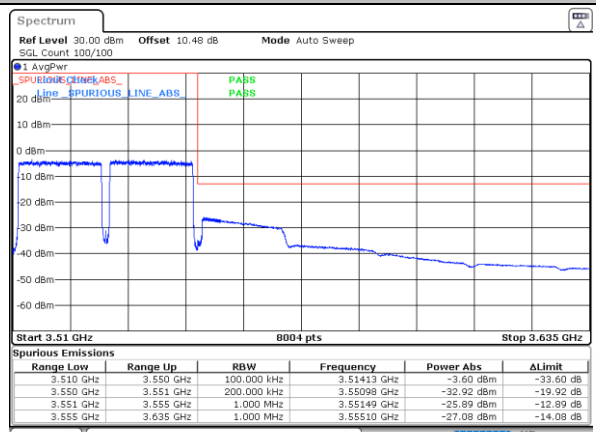
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

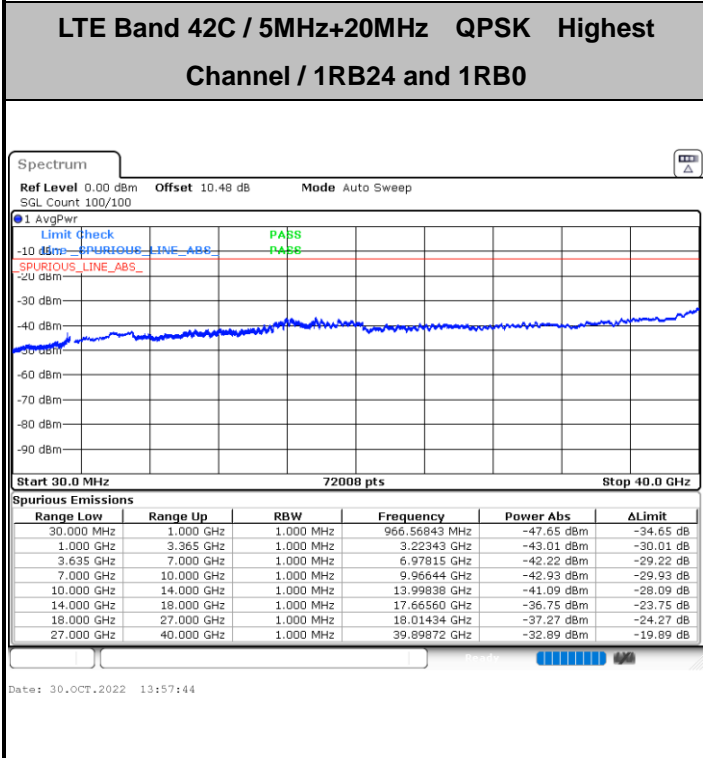
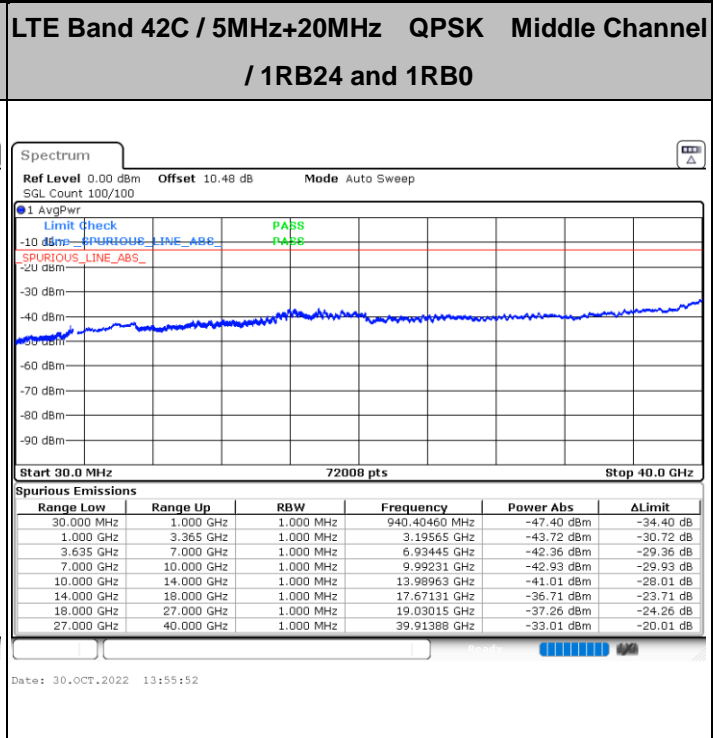
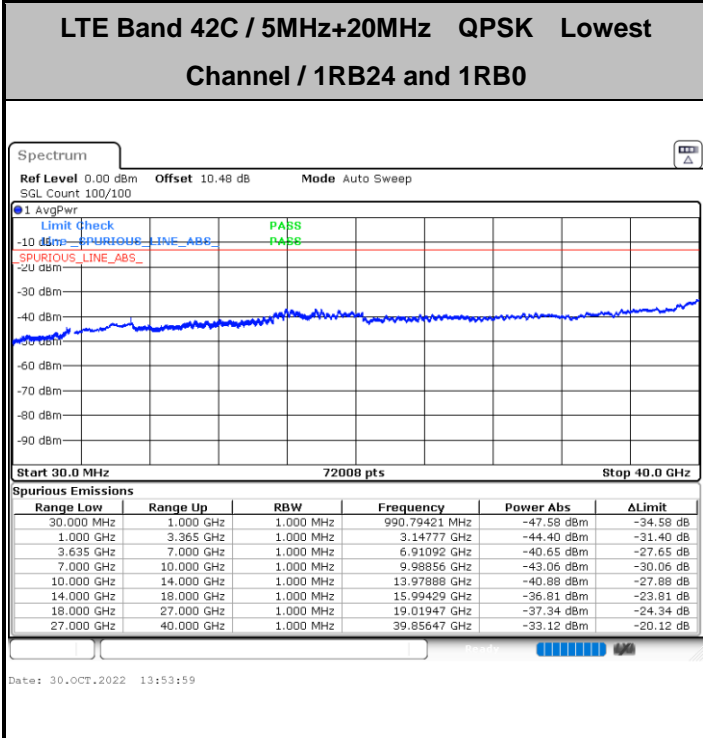


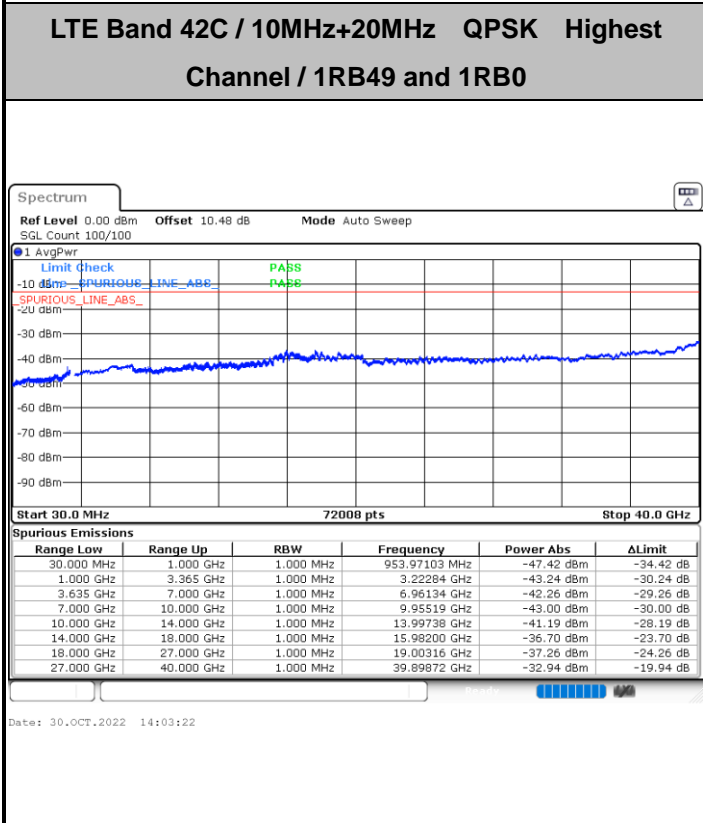
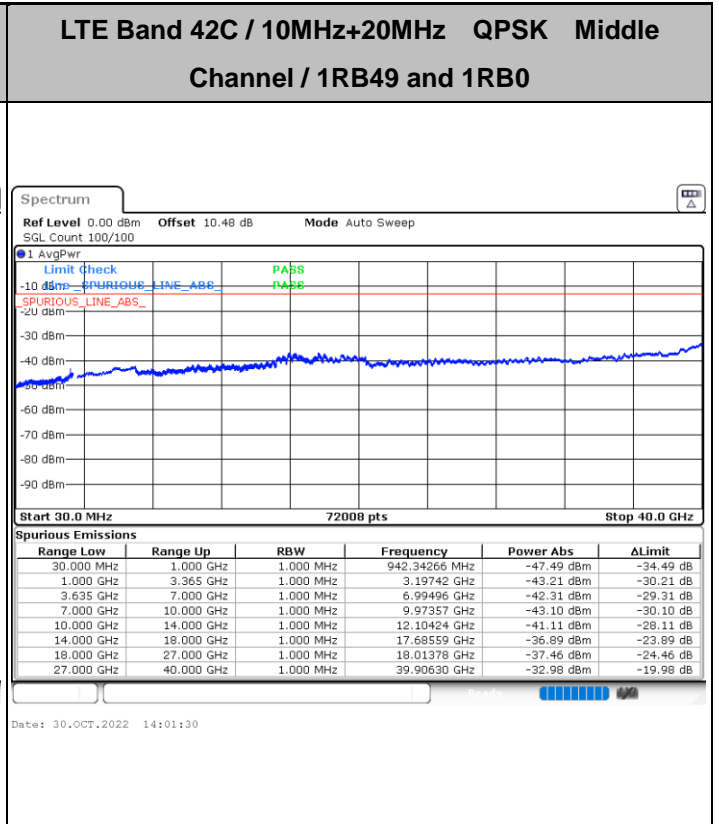
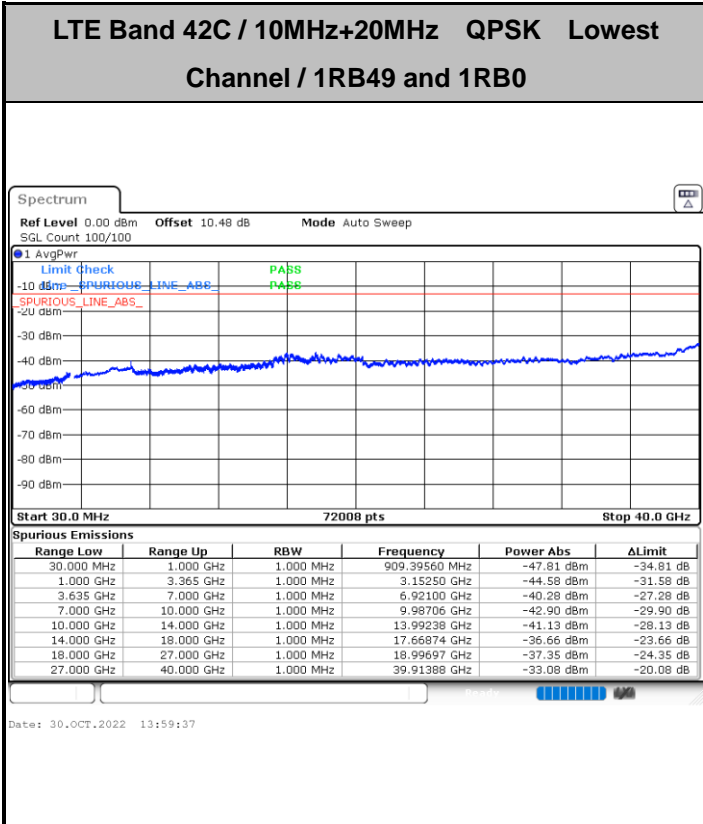
Highest Band Edge / Full RB

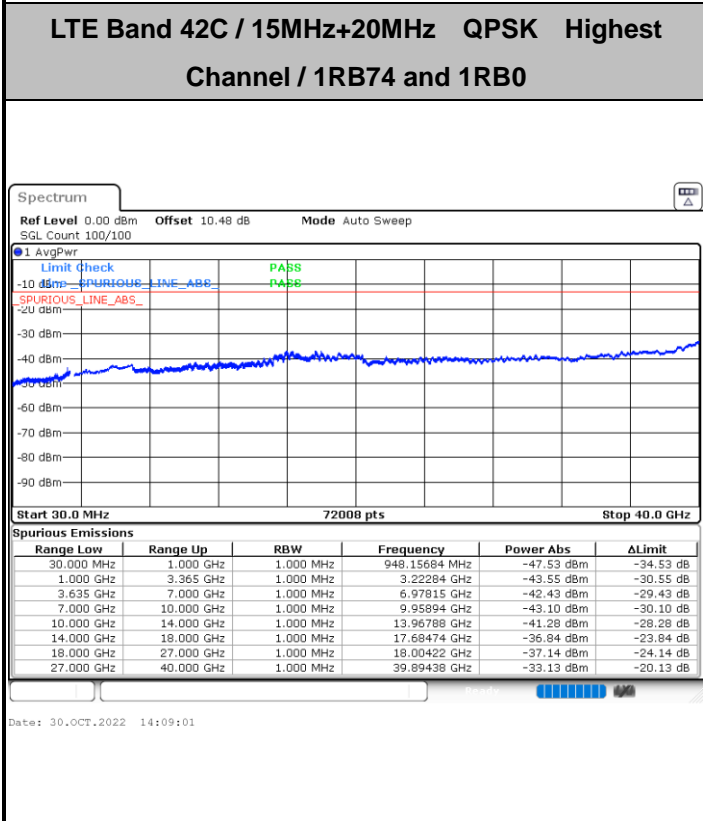
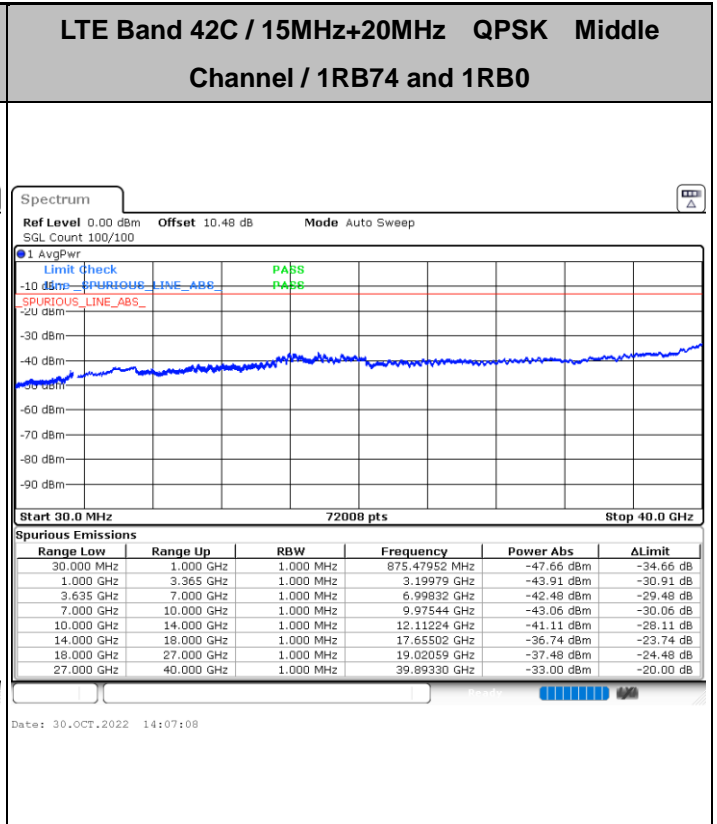
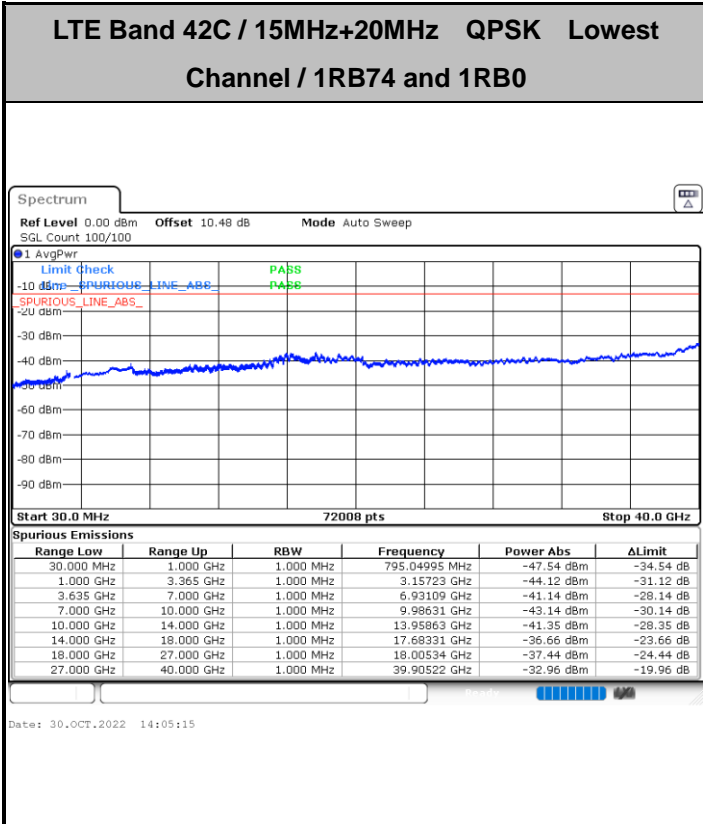


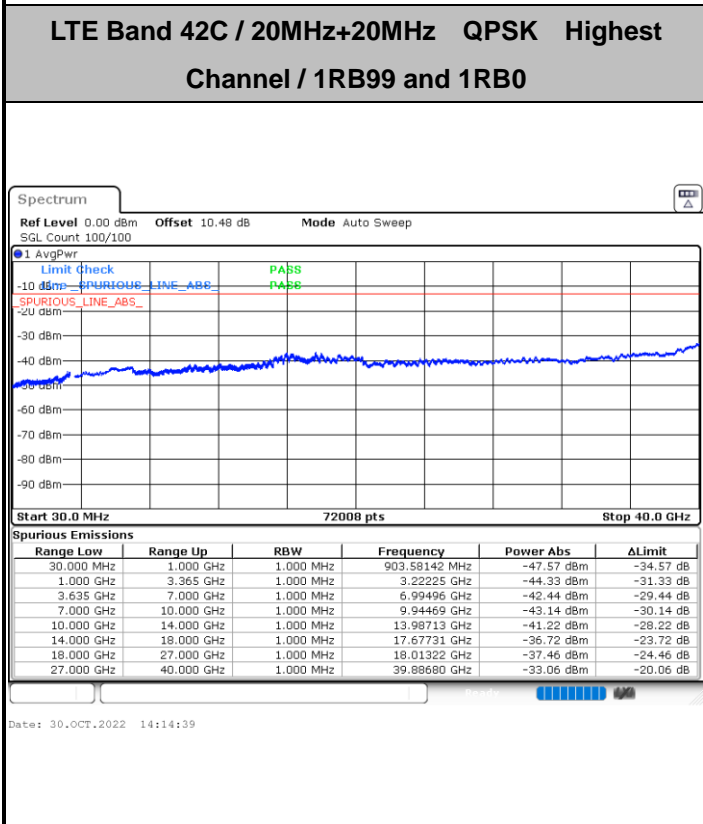
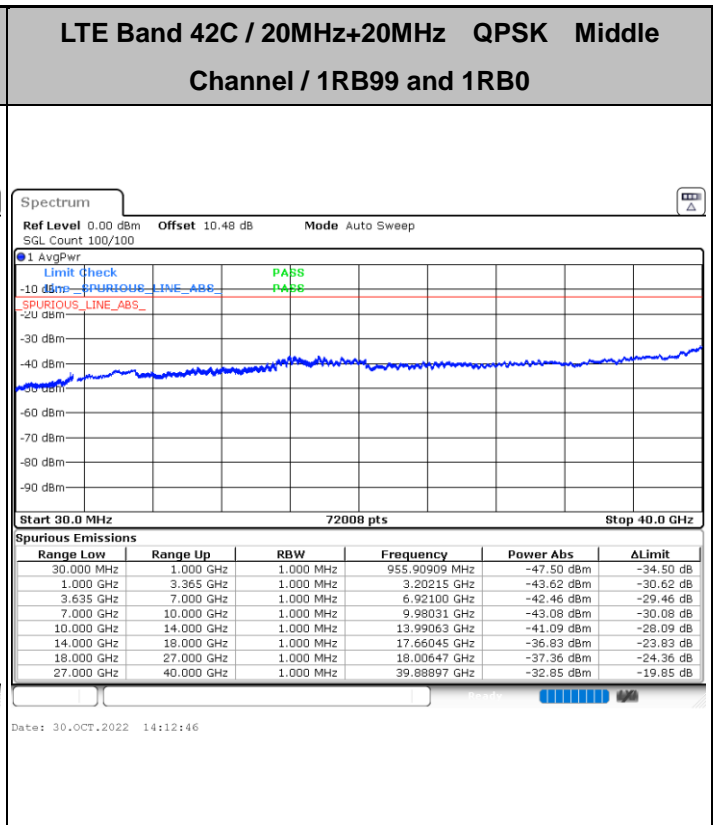
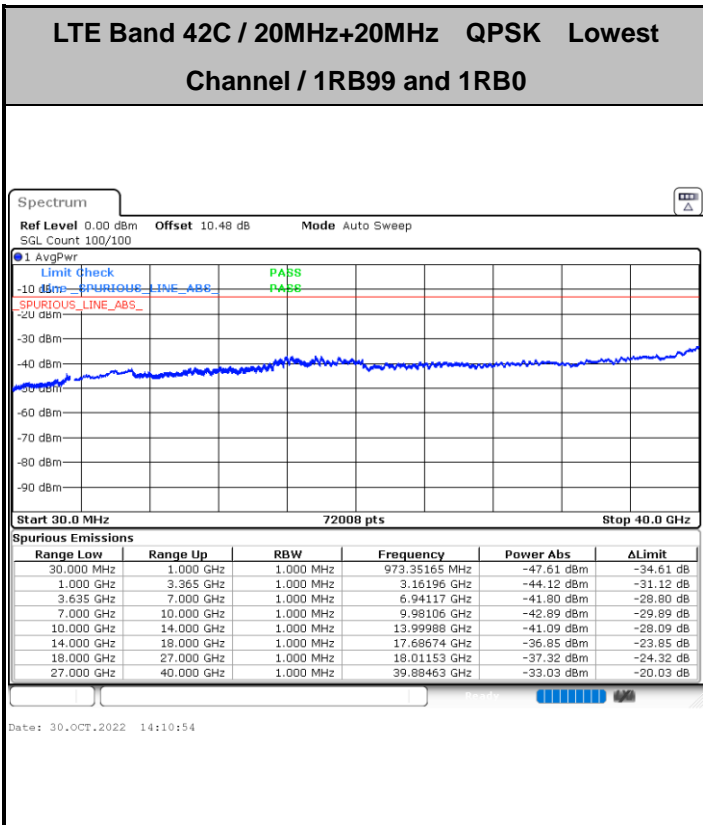


# Conducted Spurious Emission









## 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	0.0018	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0041	
20	Battery End Point	0.0037	

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; 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 :	Carry Xu	Temperature :	23~25°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	-53.87	-13	-40.87	-64.08	3.03	13.24	H
	10350	-51.92	-13	-38.92	-61.37	3.56	13.01	H
	13806	-61.02	-13	-48.02	-70.54	3.92	13.44	H
	17256	-53.53	-13	-40.53	-62.67	4.51	13.65	H
	6900	-53.08	-13	-40.08	-63.29	3.03	13.24	V
	10350	-54.45	-13	-41.45	-63.90	3.56	13.01	V
	13806	-59.84	-13	-46.84	-69.36	3.92	13.44	V
Middle	17256	-55.07	-13	-42.07	-64.21	4.51	13.65	V
	6984	-54.92	-13	-41.92	-65.13	3.03	13.24	H
	10470	-49.96	-13	-36.96	-59.41	3.56	13.01	H
	13962	-60.44	-13	-47.44	-69.96	3.92	13.44	H
	17454	-55.92	-13	-42.92	-65.06	4.51	13.65	H
	6984	-51.29	-13	-38.29	-61.50	3.03	13.24	V
	10470	-52.45	-13	-39.45	-61.90	3.56	13.01	V
Highest	13962	-57.64	-13	-44.64	-67.16	3.92	13.44	V
	17454	-53.66	-13	-40.66	-62.80	4.51	13.65	V
	7062	-52.90	-13	-39.90	-63.11	3.03	13.24	H
	10596	-49.85	-13	-36.85	-59.30	3.56	13.01	H
	14124	-58.35	-13	-45.35	-67.87	3.92	13.44	H
	17658	-56.80	-13	-43.80	-65.94	4.51	13.65	H
	7062	-52.84	-13	-39.84	-63.05	3.03	13.24	V
10590	-52.93	-13	-39.93	-62.38	3.56	13.01	V	
14124	-54.27	-13	-41.27	-63.79	3.92	13.44	V	
17658	-56.04	-13	-43.04	-65.18	4.51	13.65	V	

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



LTE Band 42C_CA / 20MHz+20MHz / QPSK for 1RB0								
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	6804	-56.45	-13	-43.45	-66.66	3.03	13.24	H
	10200	-53.05	-13	-40.05	-62.50	3.56	13.01	H
	13602	-60.81	-13	-47.81	-70.33	3.92	13.44	H
	6804	-56.13	-13	-43.13	-66.34	3.03	13.24	V
	10200	-57.17	-13	-44.17	-66.62	3.56	13.01	V
	13602	-60.96	-13	-47.96	-70.48	3.92	13.44	V
Middle	6960	-58.45	-13	-45.45	-68.66	3.03	13.24	H
	10440	-51.90	-13	-38.90	-61.35	3.56	13.01	H
	13926	-61.01	-13	-48.01	-70.53	3.92	13.44	H
	6960	-55.09	-13	-42.09	-65.30	3.03	13.24	V
	10440	-55.14	-13	-42.14	-64.59	3.56	13.01	V
	13926	-60.75	-13	-47.75	-70.27	3.92	13.44	V
Highest	7122	-54.92	-13	-41.92	-65.13	3.03	13.24	H
	10680	-51.83	-13	-38.83	-61.28	3.56	13.01	H
	14244	-59.95	-13	-46.95	-69.47	3.92	13.44	H
	7122	-55.69	-13	-42.69	-65.90	3.03	13.24	V
	10680	-55.02	-13	-42.02	-64.47	3.56	13.01	V
	14244	-60.36	-13	-47.36	-69.88	3.92	13.44	V

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

LTE Band 42C_CA / 20MHz+20MHz / QPSK for 1RBmax								
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	6840	-64.34	-13	-51.34	-74.55	3.03	13.24	H
	10260	-62.07	-13	-49.07	-71.52	3.56	13.01	H
	13674	-61.20	-13	-48.20	-70.72	3.92	13.44	H
	6840	-64.08	-13	-51.08	-74.29	3.03	13.24	V
	10260	-62.33	-13	-49.33	-71.78	3.56	13.01	V
	13674	-61.32	-13	-48.32	-70.84	3.92	13.44	V
Middle	6996	-63.71	-13	-50.71	-73.92	3.03	13.24	H
	10500	-61.75	-13	-48.75	-71.20	3.56	13.01	H
	13998	-59.90	-13	-46.90	-69.42	3.92	13.44	H
	6996	-63.92	-13	-50.92	-74.13	3.03	13.24	V
	10500	-61.95	-13	-48.95	-71.40	3.56	13.01	V
	13998	-59.95	-13	-46.95	-69.47	3.92	13.44	V
Highest	7158	-63.57	-13	-50.57	-73.78	3.03	13.24	H
	10740	-61.09	-13	-48.09	-70.54	3.56	13.01	H
	14316	-60.66	-13	-47.66	-70.18	3.92	13.44	H
	7158	-63.42	-13	-50.42	-73.63	3.03	13.24	V
	10740	-61.46	-13	-48.46	-70.91	3.56	13.01	V
	14316	-60.36	-13	-47.36	-69.88	3.92	13.44	V

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