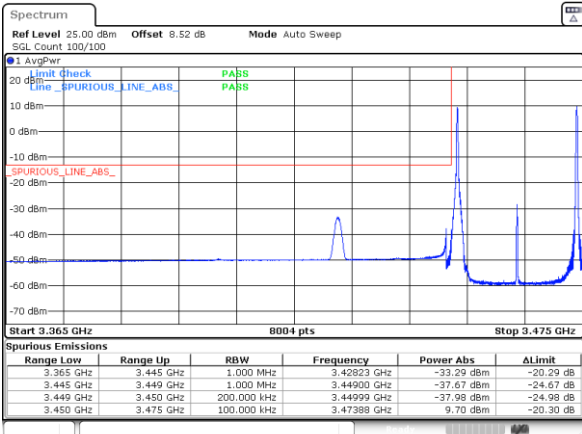




LTE Band 42C / 20MHz+5MHz

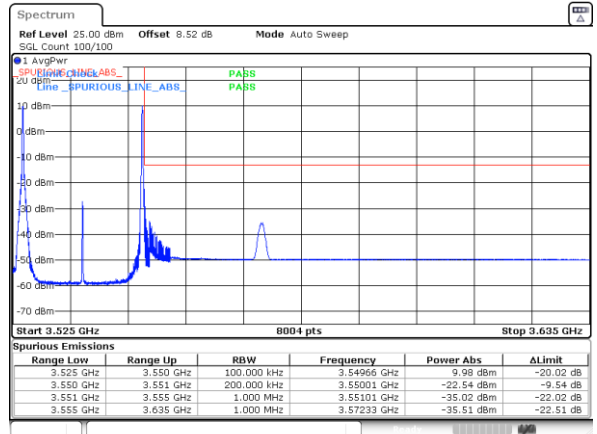
QPSK

Lowest Band Edge / 1RB0 and 1RB24



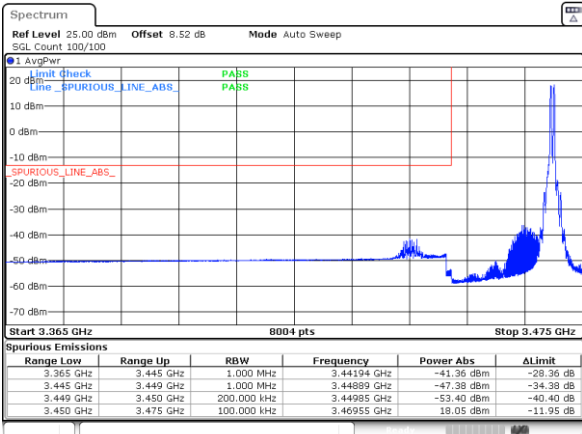
Date: 23.APR.2023 10:12:48

Highest Band Edge / 1RB0 and 1RB24



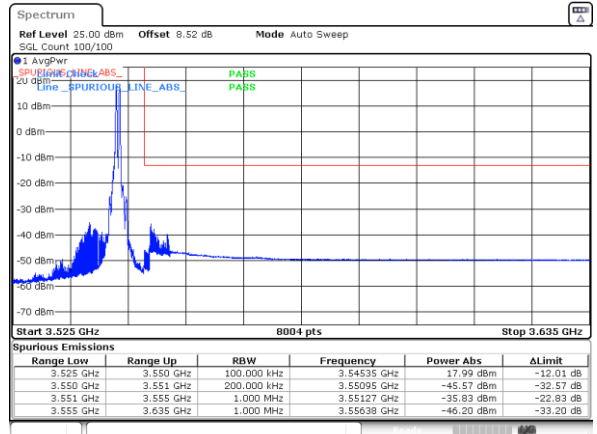
Date: 23.APR.2023 10:14:53

Lowest Band Edge / 1RB99 and 1RB0



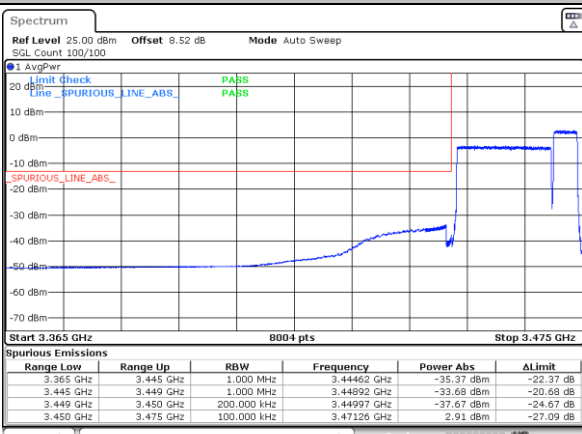
Date: 23.APR.2023 10:12:58

Highest Band Edge / 1RB99 and 1RB0



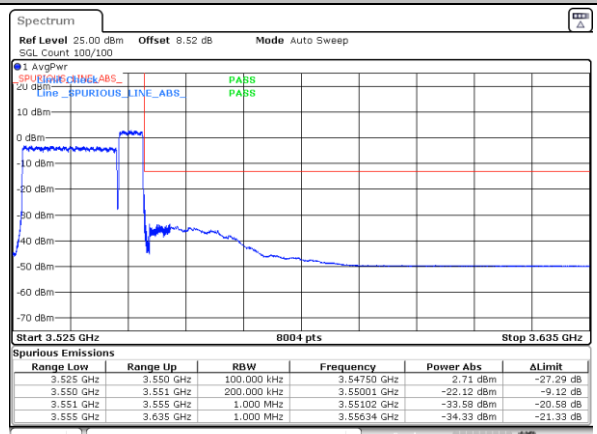
Date: 23.APR.2023 10:13:01

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:17:52

Highest Band Edge / Full RB



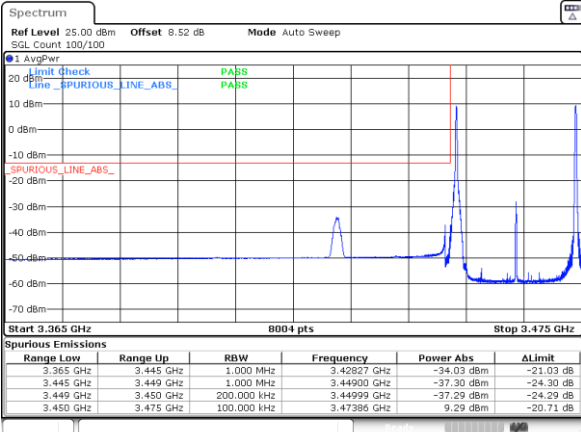
Date: 23.APR.2023 10:15:58



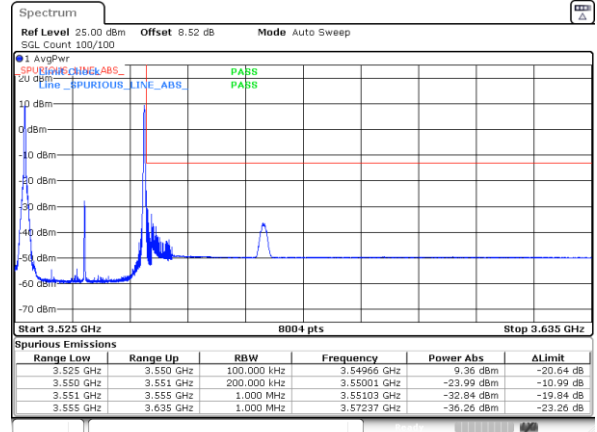
LTE Band 42C / 20MHz+5MHz

16QAM

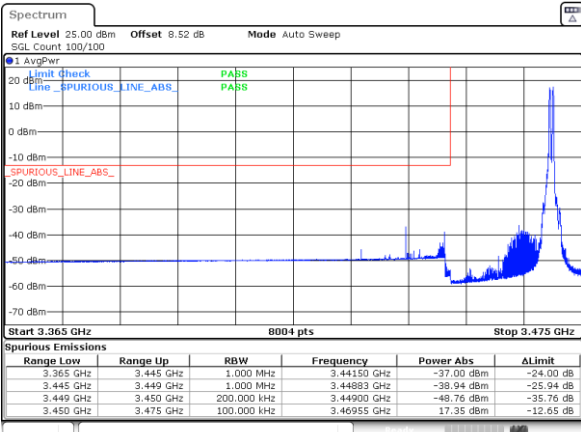
Lowest Band Edge / 1RB0 and 1RB24



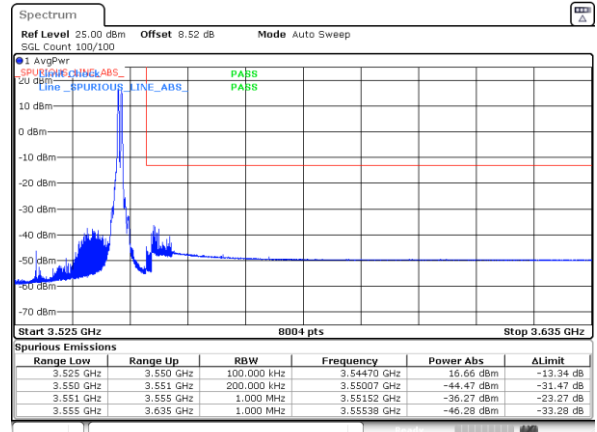
Highest Band Edge / 1RB0 and 1RB24



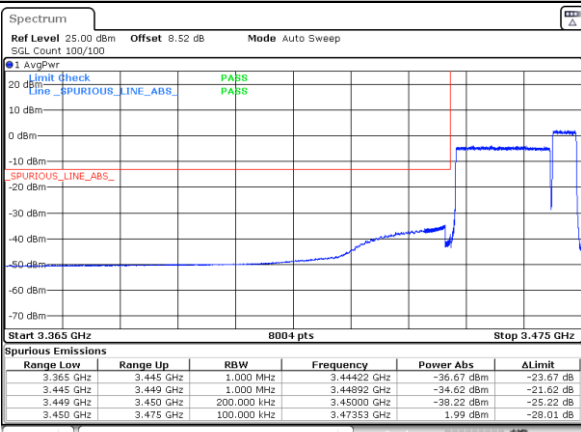
Lowest Band Edge / 1RB99 and 1RB0



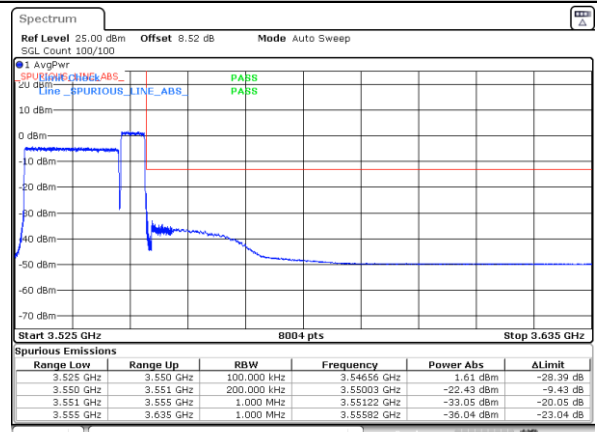
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

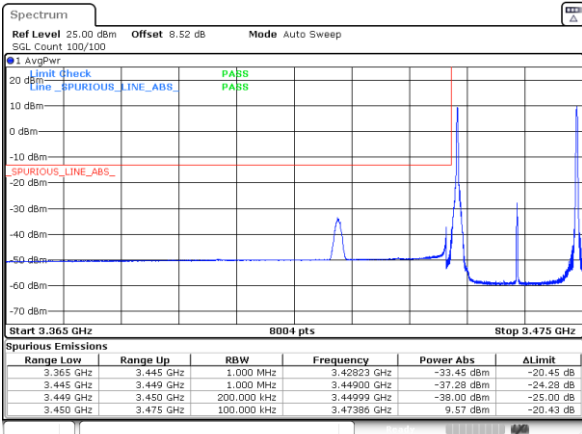




LTE Band 42C / 20MHz+5MHz

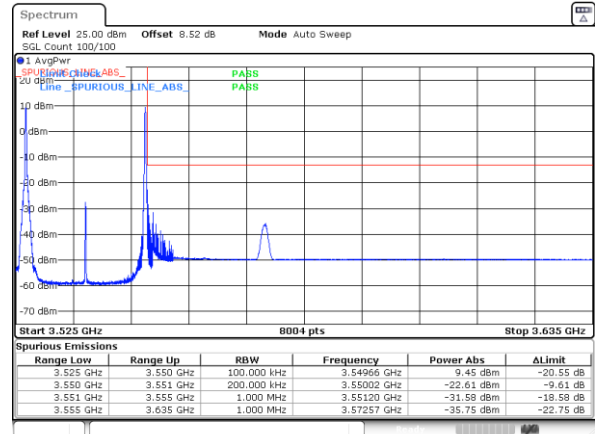
64QAM

Lowest Band Edge / 1RB0 and 1RB24



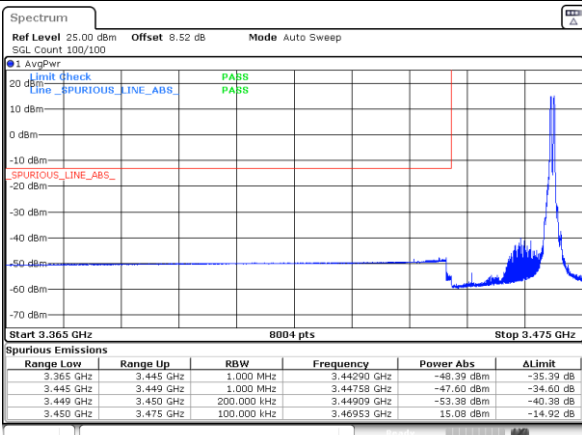
Date: 23.APR.2023 10:25:15

Highest Band Edge / 1RB0 and 1RB24



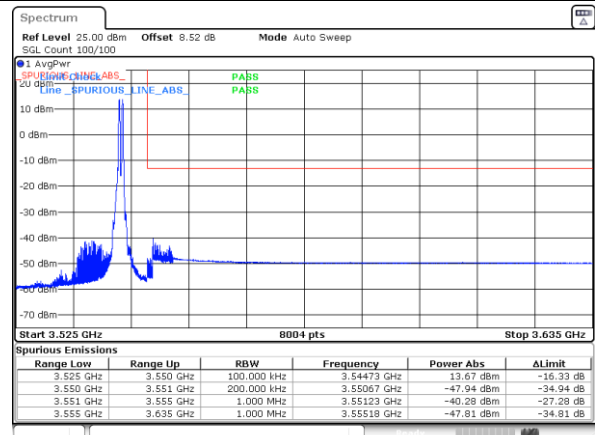
Date: 23.APR.2023 10:43:22

Lowest Band Edge / 1RB99 and 1RB0



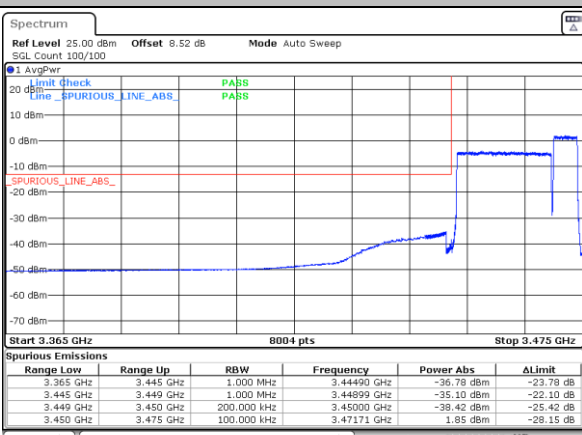
Date: 23.APR.2023 10:15:24

Highest Band Edge / 1RB99 and 1RB0



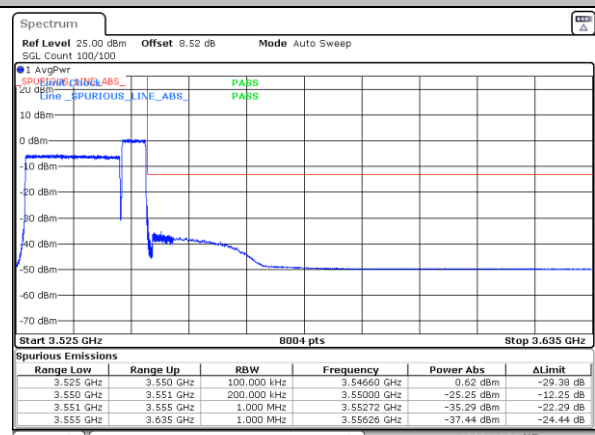
Date: 23.APR.2023 10:33:29

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:20:20

Highest Band Edge / Full RB



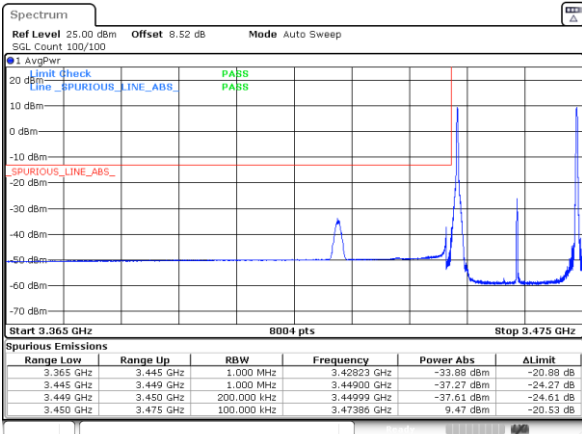
Date: 23.APR.2023 10:38:25



LTE Band 42C / 20MHz+5MHz

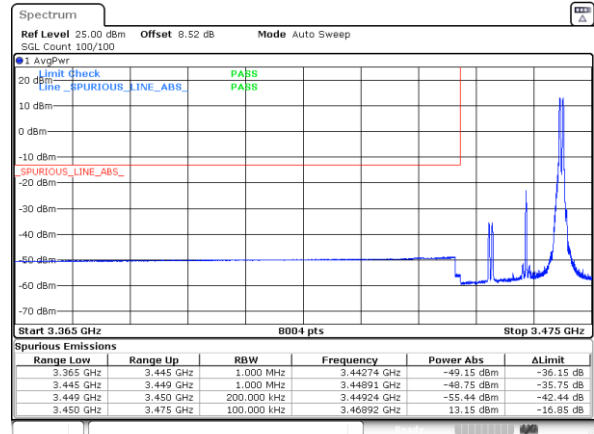
256QAM

Lowest Band Edge / 1RB0 and 1RB24



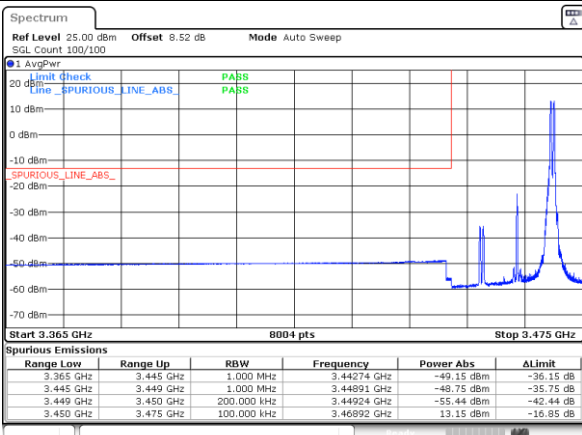
Date: 23.APR.2023 10:16:30

Highest Band Edge / 1RB0 and 1RB24



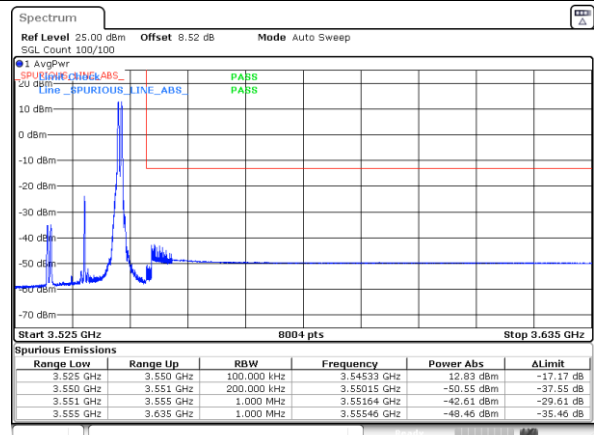
Date: 23.APR.2023 10:16:38

Lowest Band Edge / 1RB99 and 1RB0



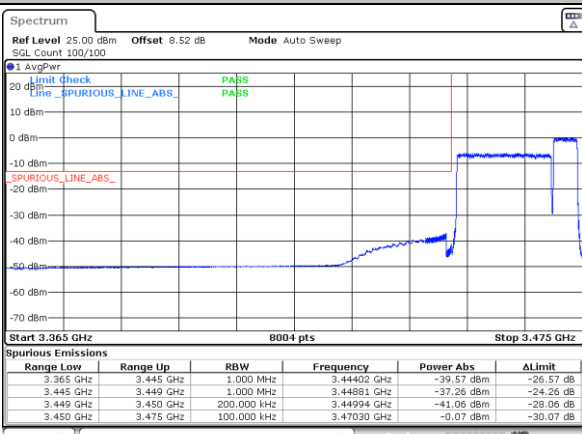
Date: 23.APR.2023 10:16:38

Highest Band Edge / 1RB99 and 1RB0



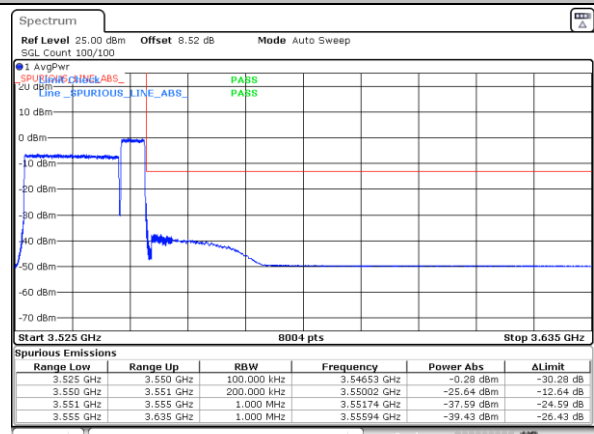
Date: 23.APR.2023 10:34:43

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:21:33

Highest Band Edge / Full RB



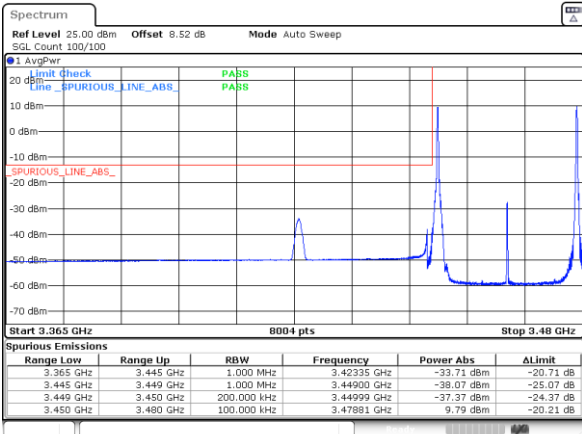
Date: 23.APR.2023 10:39:39



LTE Band 42C / 20MHz+10MHz

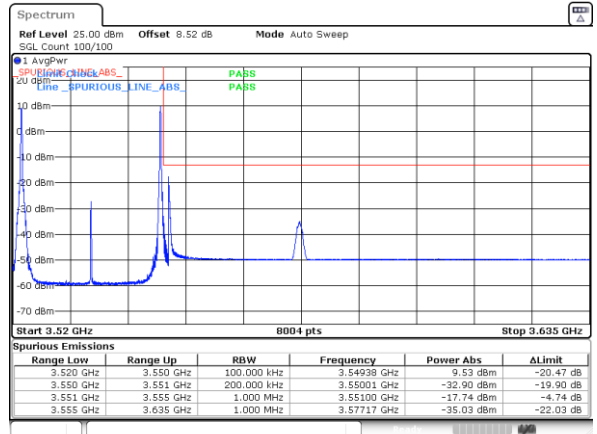
QPSK

Lowest Band Edge / 1RB0 and 1RB49



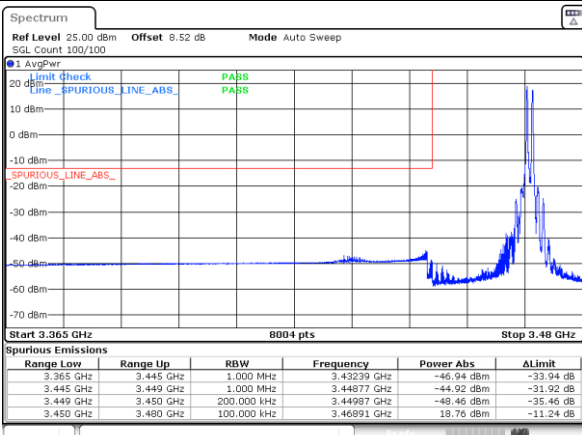
Date: 23.APR.2023 10:57:20

Highest Band Edge / 1RB0 and 1RB49



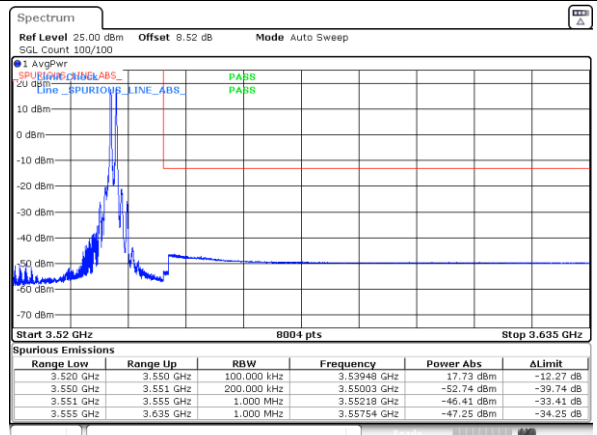
Date: 23.APR.2023 11:15:25

Lowest Band Edge / 1RB99 and 1RB0



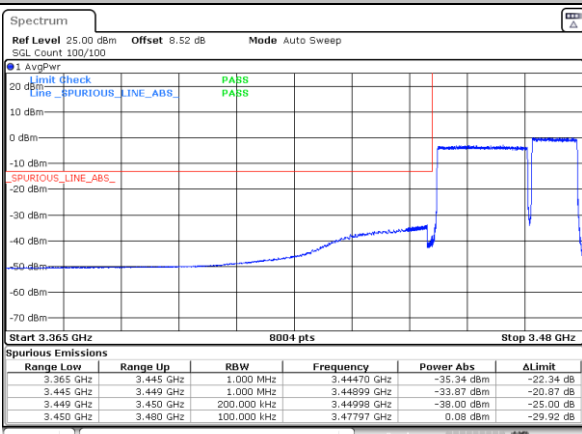
Date: 23.APR.2023 10:47:28

Highest Band Edge / 1RB99 and 1RB0



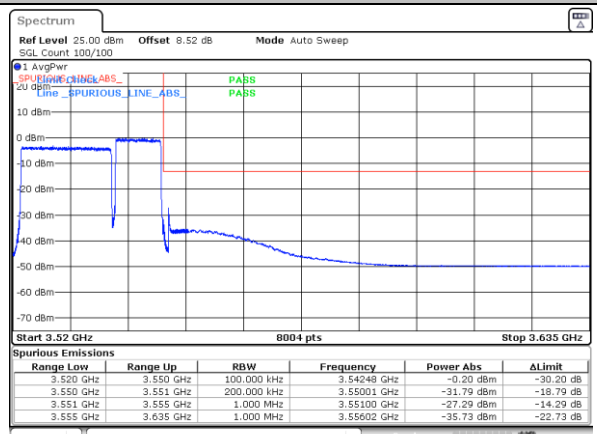
Date: 23.APR.2023 11:05:31

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:52:24

Highest Band Edge / Full RB



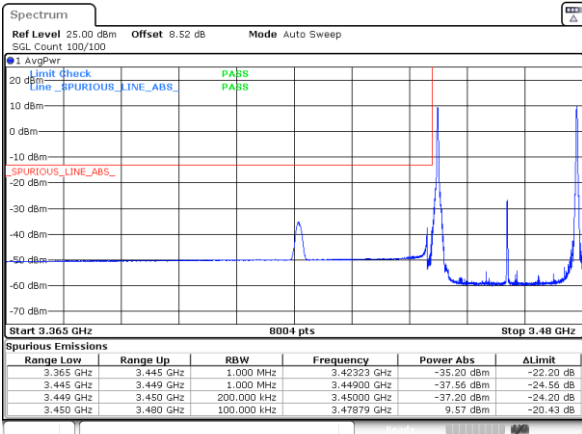
Date: 23.APR.2023 11:10:29



LTE Band 42C / 20MHz+10MHz

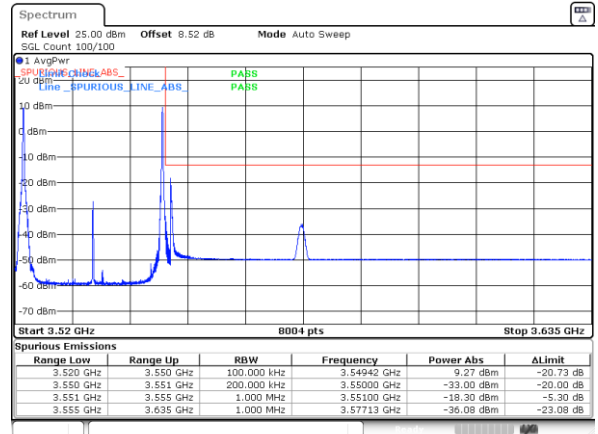
16QAM

Lowest Band Edge / 1RB0 and 1RB49



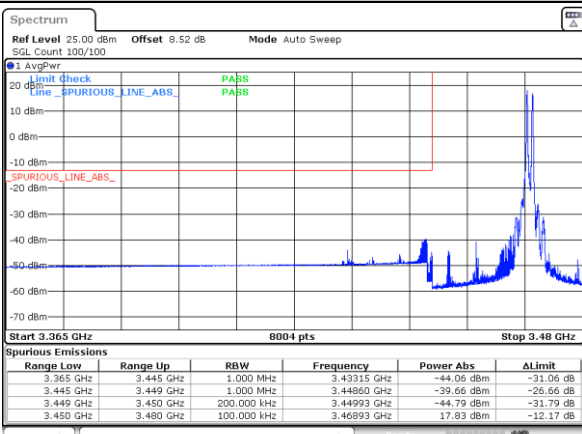
Date: 23.APR.2023 10:58:14

Highest Band Edge / 1RB0 and 1RB49



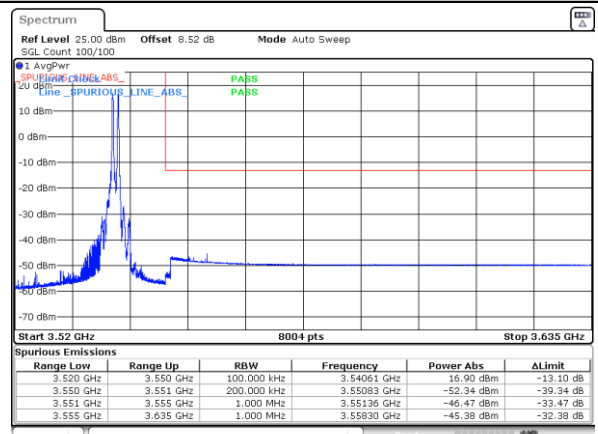
Date: 23.APR.2023 11:16:39

Lowest Band Edge / 1RB99 and 1RB0



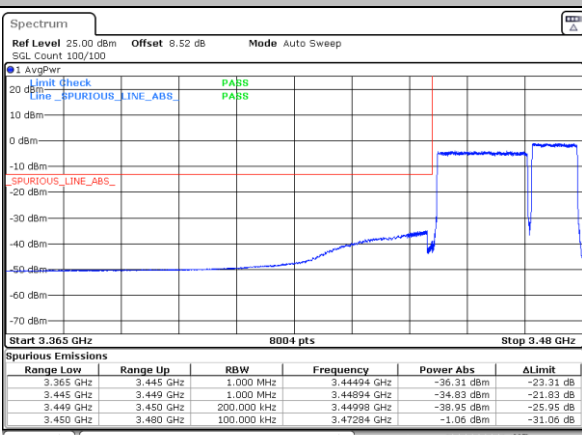
Date: 23.APR.2023 10:48:41

Highest Band Edge / 1RB99 and 1RB0



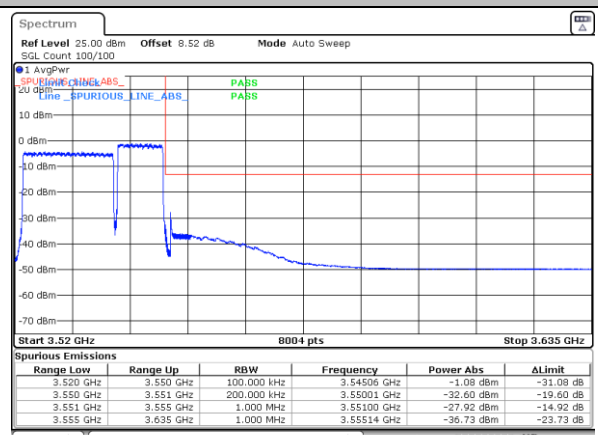
Date: 23.APR.2023 11:06:46

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:53:37

Highest Band Edge / Full RB



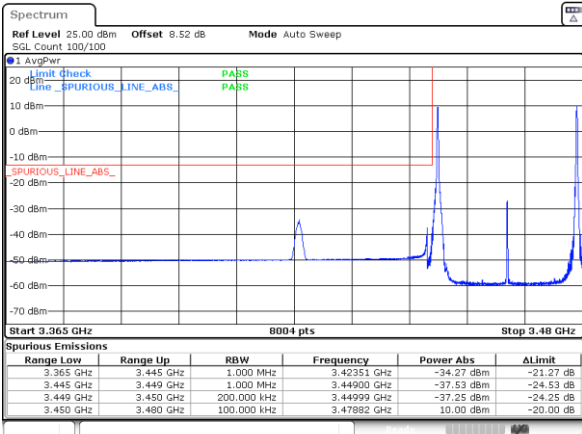
Date: 23.APR.2023 11:11:43



LTE Band 42C / 20MHz+10MHz

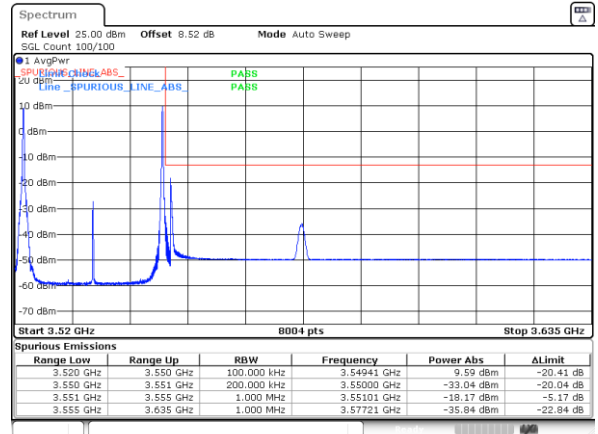
64QAM

Lowest Band Edge / 1RB0 and 1RB49



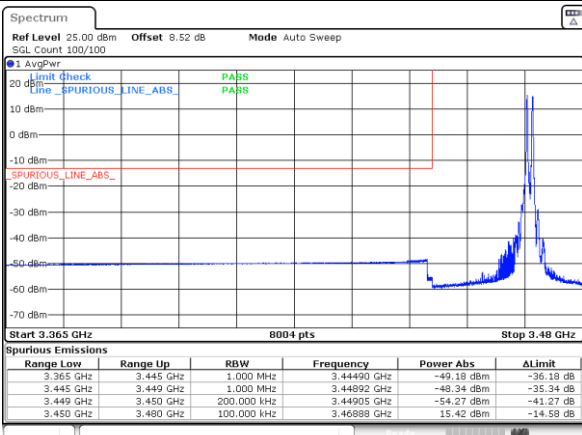
Date: 23.APR.2023 10:59:48

Highest Band Edge / 1RB0 and 1RB49



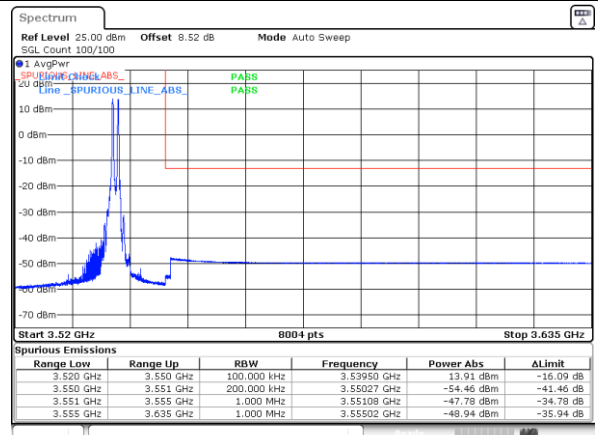
Date: 23.APR.2023 11:17:53

Lowest Band Edge / 1RB99 and 1RB0



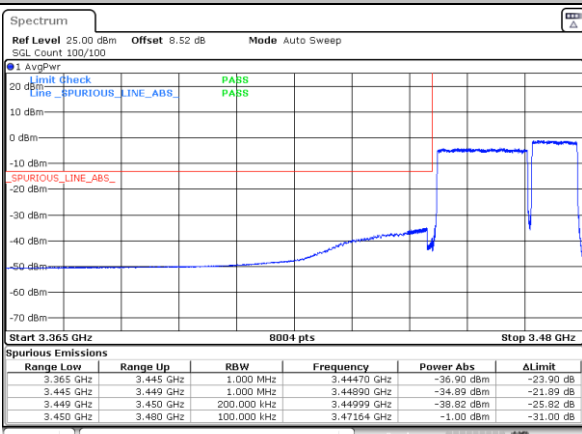
Date: 23.APR.2023 10:49:55

Highest Band Edge / 1RB99 and 1RB0



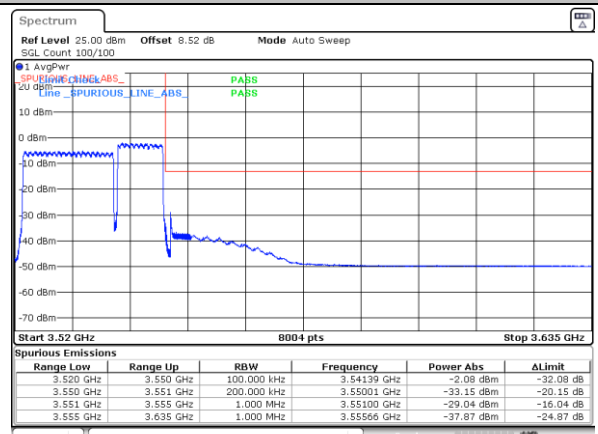
Date: 23.APR.2023 11:08:00

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:54:51

Highest Band Edge / Full RB



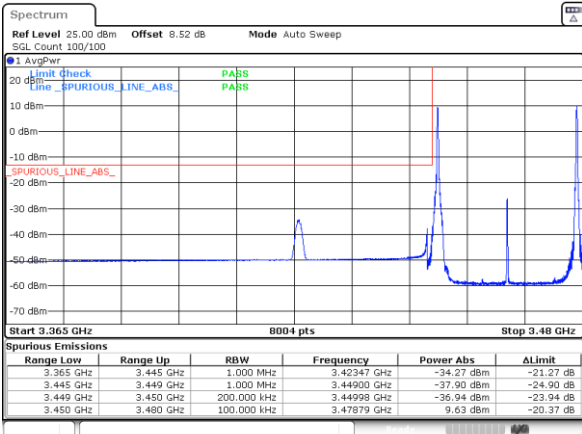
Date: 23.APR.2023 11:12:57



LTE Band 42C / 20MHz+10MHz

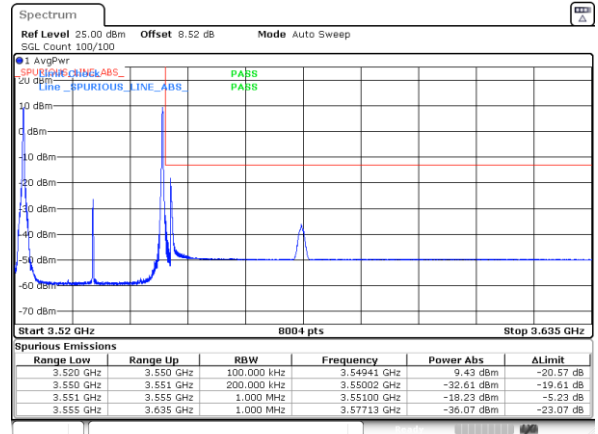
256QAM

Lowest Band Edge / 1RB0 and 1RB49



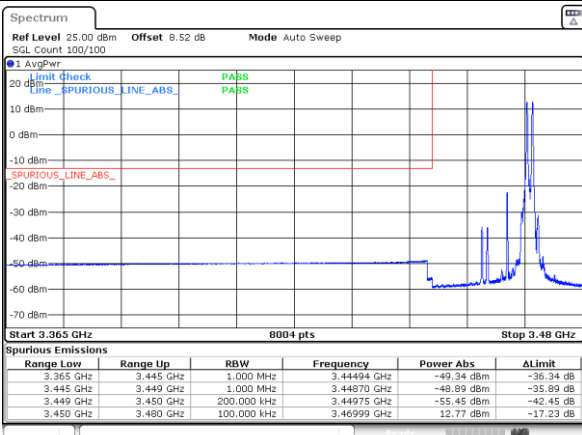
Date: 23.APR.2023 11:01:01

Highest Band Edge / 1RB0 and 1RB49



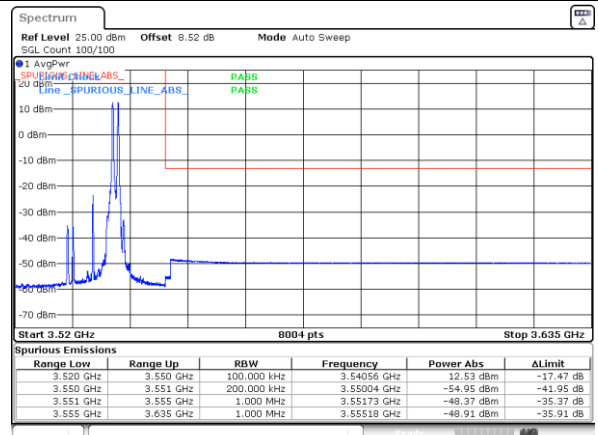
Date: 23.APR.2023 11:19:07

Lowest Band Edge / 1RB99 and 1RB0



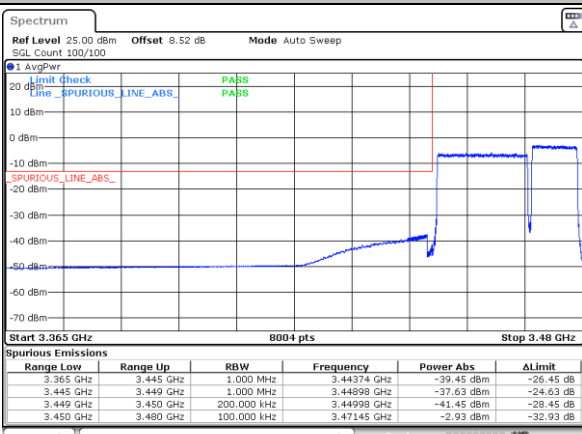
Date: 23.APR.2023 10:51:09

Highest Band Edge / 1RB99 and 1RB0



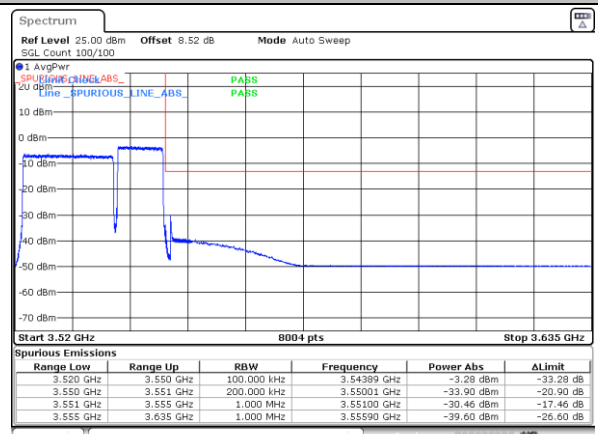
Date: 23.APR.2023 11:09:14

Lowest Band Edge / Full RB



Date: 23.APR.2023 10:56:06

Highest Band Edge / Full RB



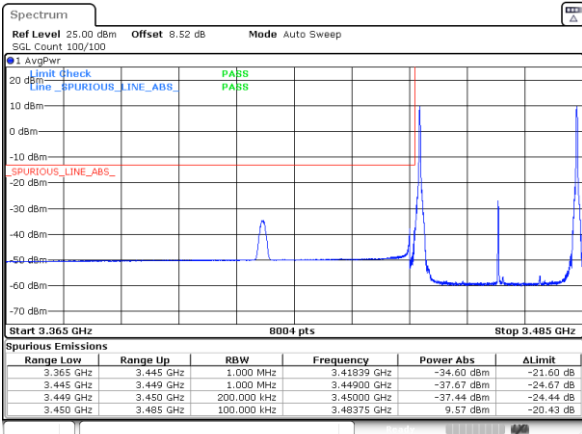
Date: 23.APR.2023 11:14:11



LTE Band 42C / 20MHz+15MHz

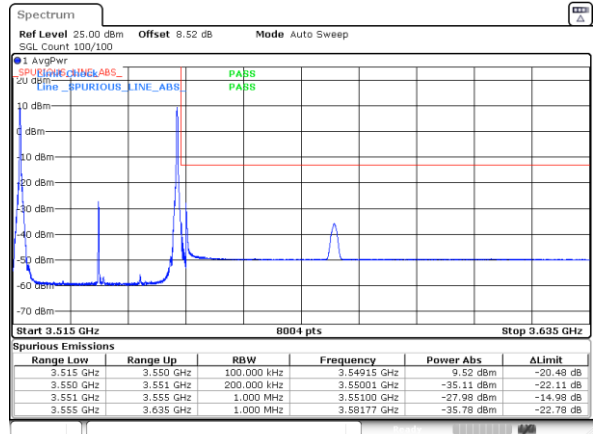
QPSK

Lowest Band Edge / 1RB0 and 1RB74



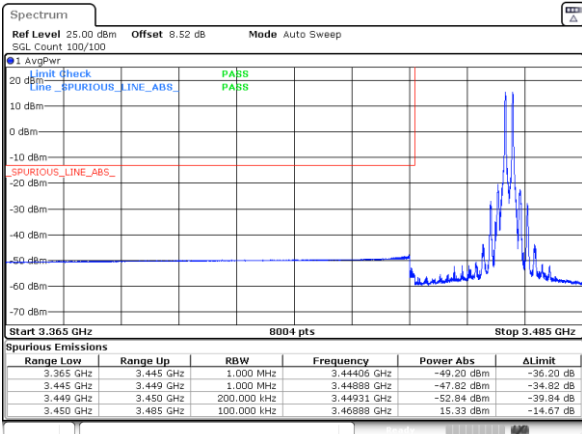
Date: 23.APR.2023 11:31:49

Highest Band Edge / 1RB0 and 1RB74



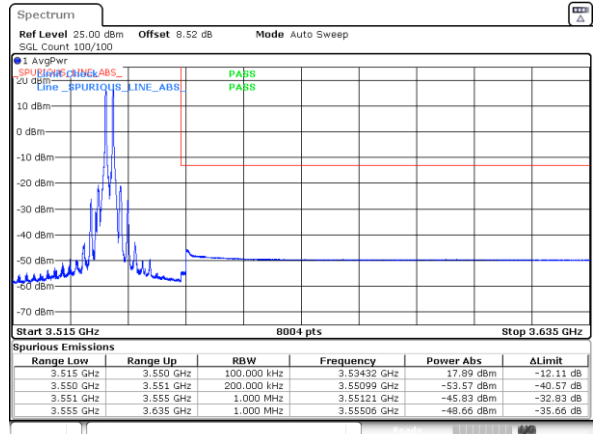
Date: 23.APR.2023 11:50:51

Lowest Band Edge / 1RB99 and 1RB0



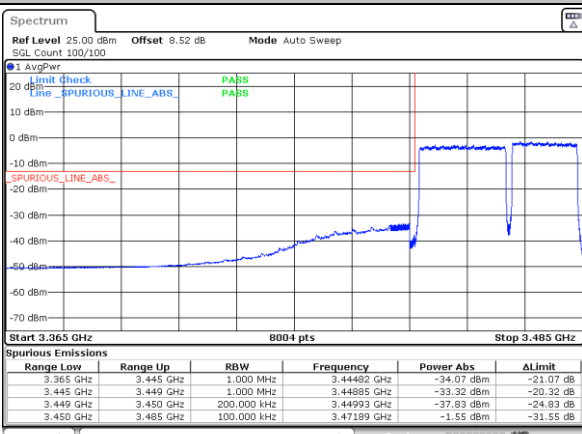
Date: 23.APR.2023 11:21:59

Highest Band Edge / 1RB99 and 1RB0



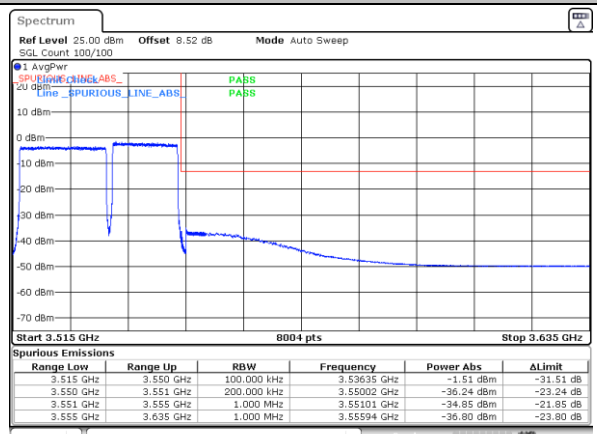
Date: 23.APR.2023 11:41:10

Lowest Band Edge / Full RB



Date: 23.APR.2023 11:26:54

Highest Band Edge / Full RB



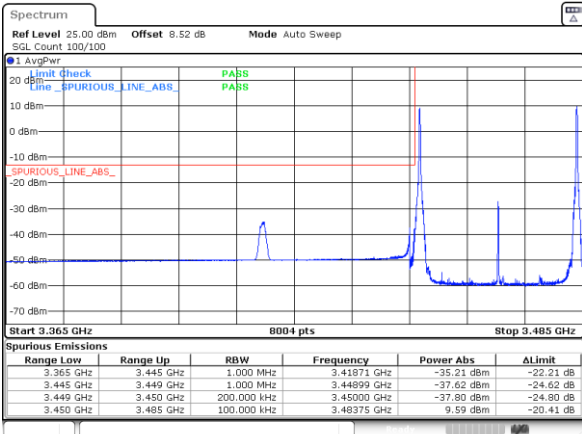
Date: 23.APR.2023 11:46:01



LTE Band 42C / 20MHz+15MHz

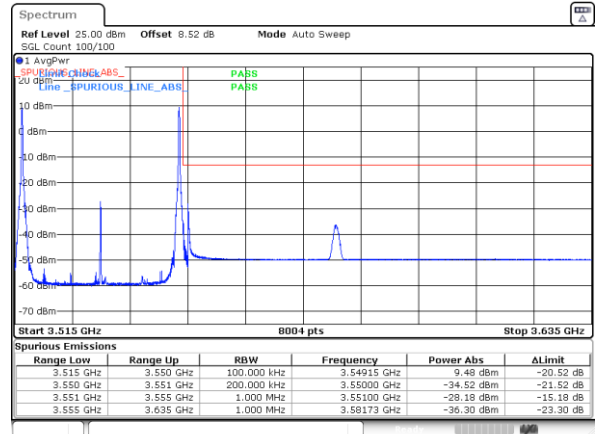
16QAM

Lowest Band Edge / 1RB0 and 1RB74



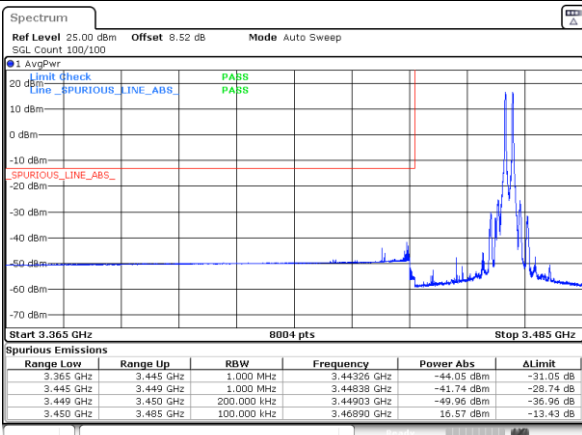
Date: 23.APR.2023 11:33:04

Highest Band Edge / 1RB0 and 1RB74



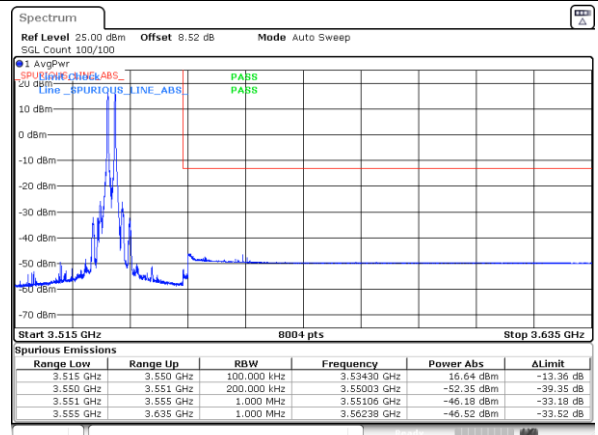
Date: 23.APR.2023 11:52:04

Lowest Band Edge / 1RB99 and 1RB0



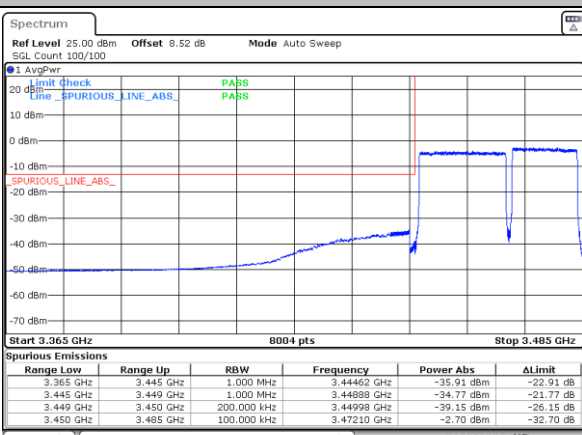
Date: 23.APR.2023 11:23:13

Highest Band Edge / 1RB99 and 1RB0



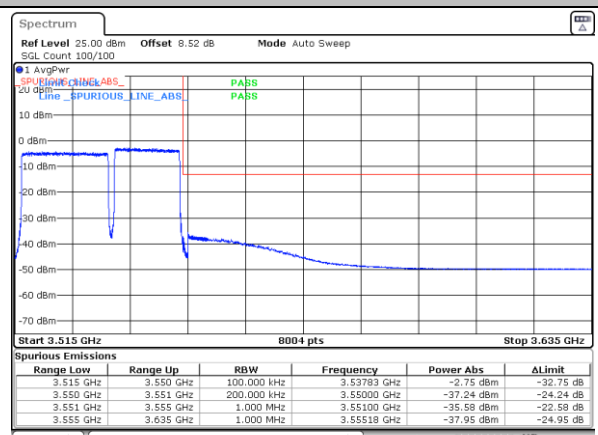
Date: 23.APR.2023 11:42:23

Lowest Band Edge / Full RB



Date: 23.APR.2023 11:28:09

Highest Band Edge / Full RB



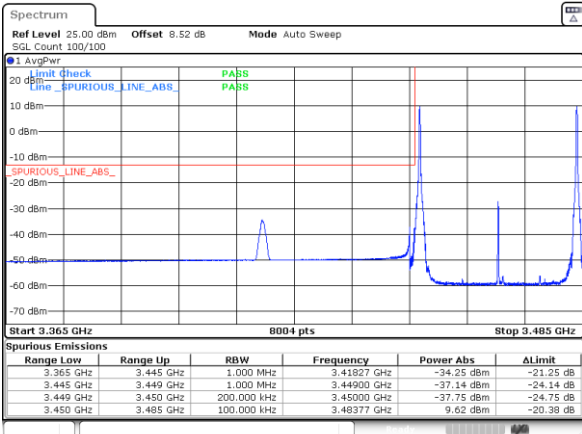
Date: 23.APR.2023 11:47:13



LTE Band 42C / 20MHz+15MHz

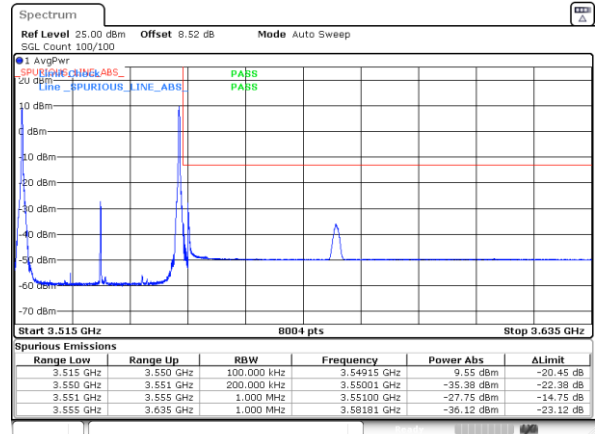
64QAM

Lowest Band Edge / 1RB0 and 1RB74



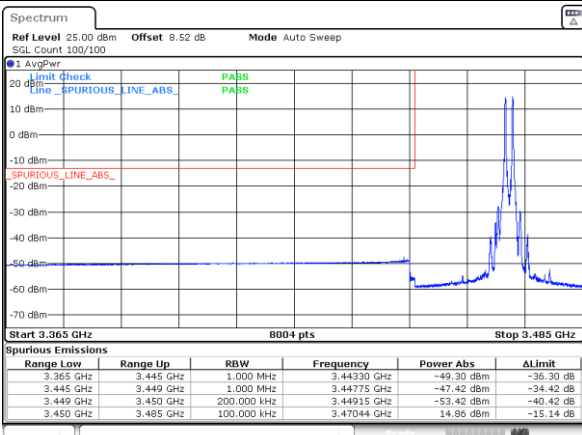
Date: 23.APR.2023 11:34:18

Highest Band Edge / 1RB0 and 1RB74



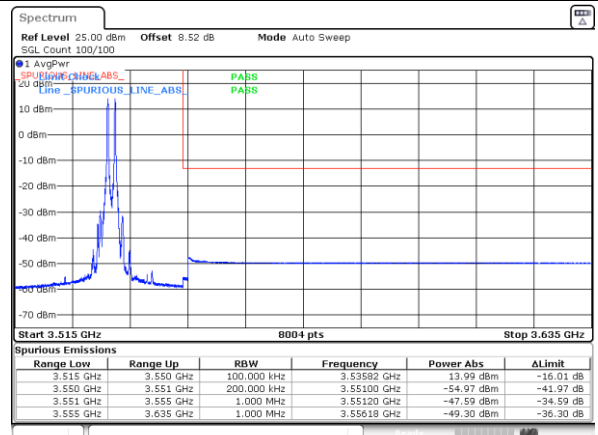
Date: 23.APR.2023 11:53:16

Lowest Band Edge / 1RB99 and 1RB0



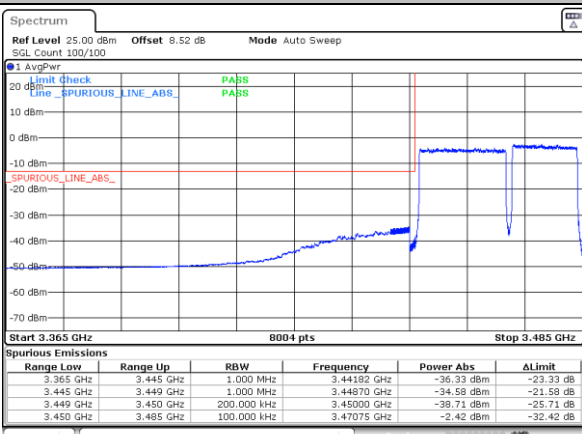
Date: 23.APR.2023 11:24:26

Highest Band Edge / 1RB99 and 1RB0



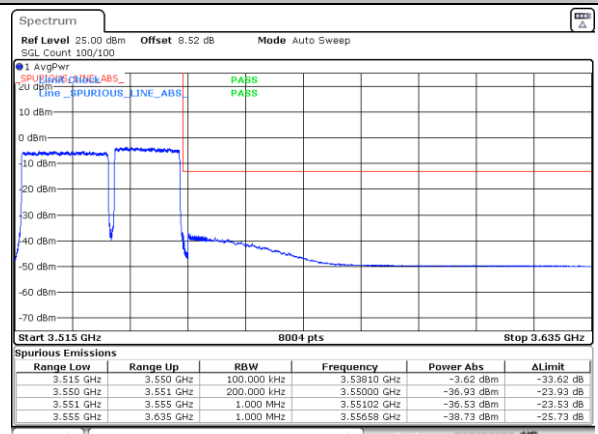
Date: 23.APR.2023 11:43:35

Lowest Band Edge / Full RB



Date: 23.APR.2023 11:29:21

Highest Band Edge / Full RB



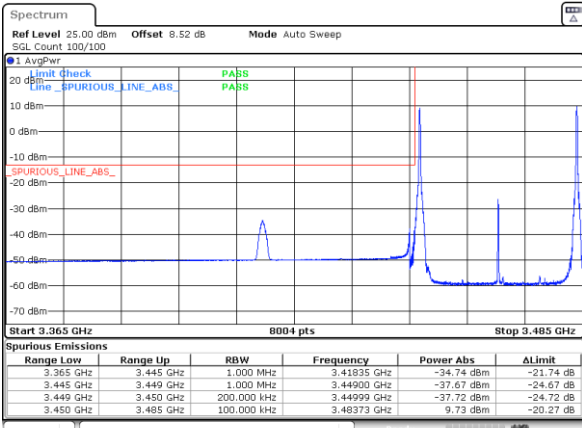
Date: 23.APR.2023 11:48:26



LTE Band 42C / 20MHz+15MHz

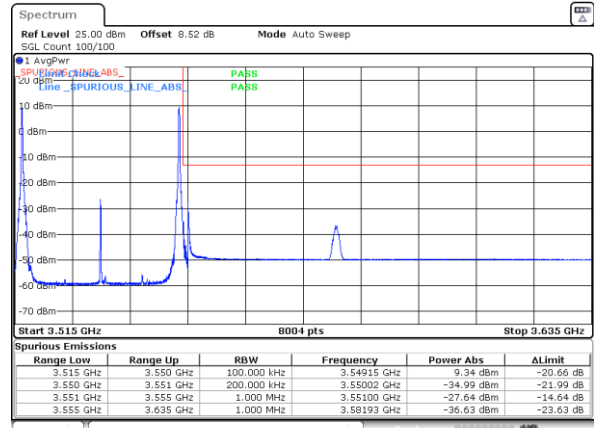
256QAM

Lowest Band Edge / 1RB0 and 1RB74



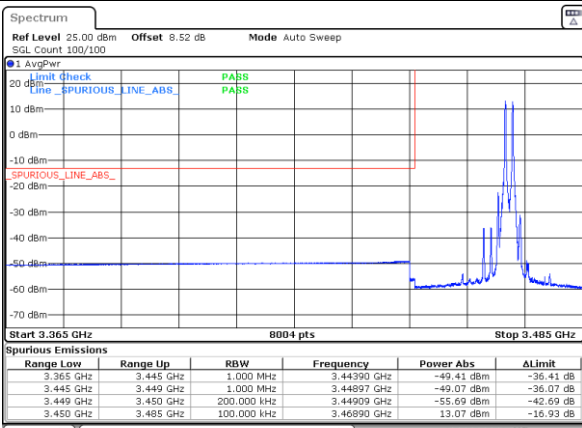
Date: 23.APR.2023 11:35:33

Highest Band Edge / 1RB0 and 1RB74



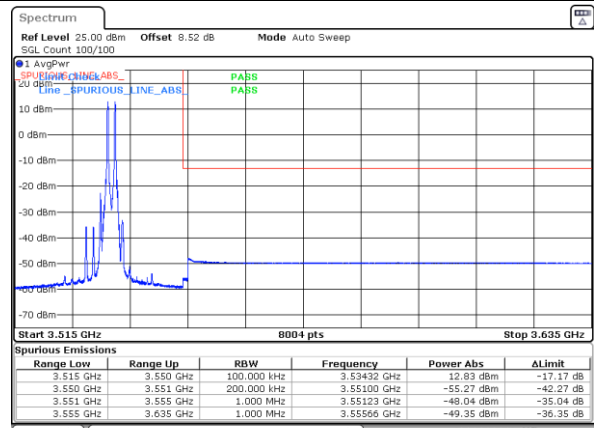
Date: 23.APR.2023 11:54:29

Lowest Band Edge / 1RB99 and 1RB0



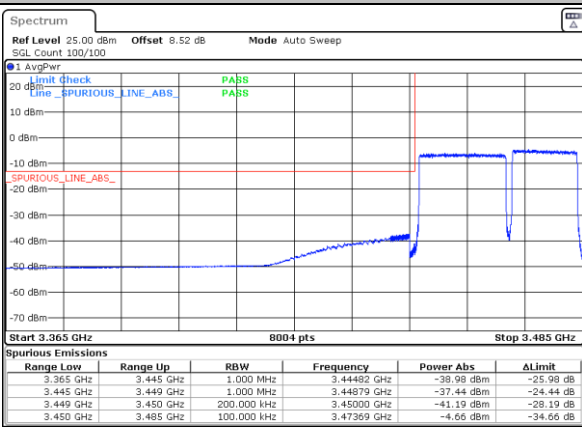
Date: 23.APR.2023 11:25:40

Highest Band Edge / 1RB99 and 1RB0



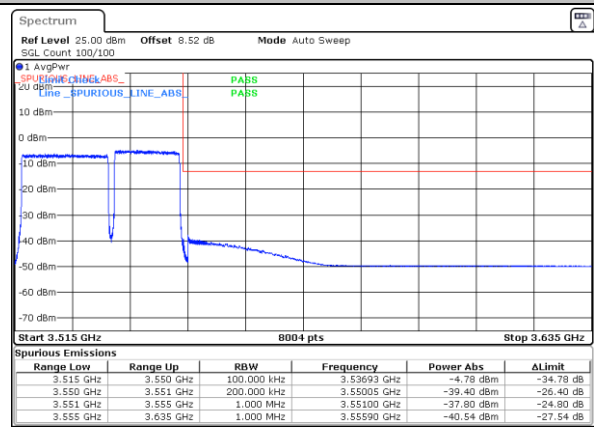
Date: 23.APR.2023 11:44:48

Lowest Band Edge / Full RB



Date: 23.APR.2023 11:30:35

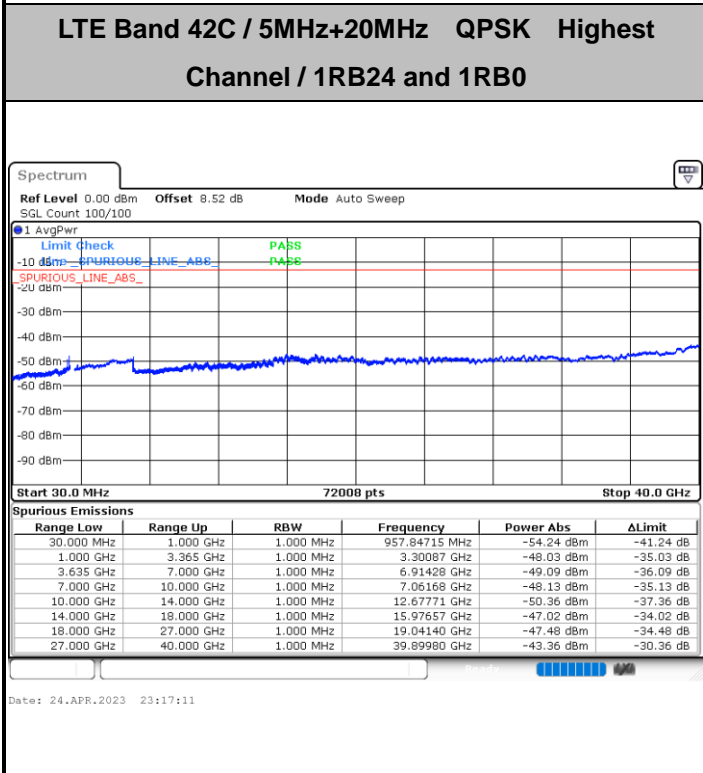
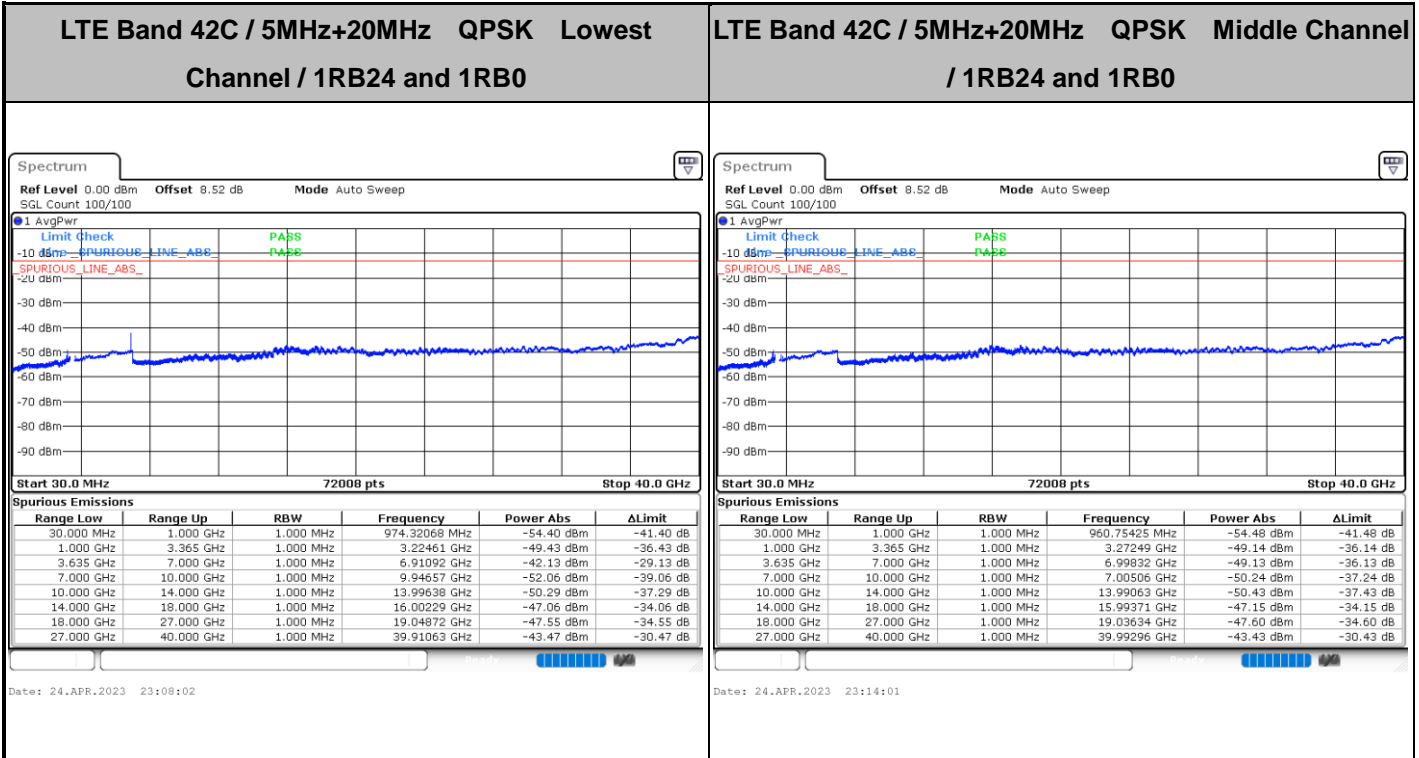
Highest Band Edge / Full RB

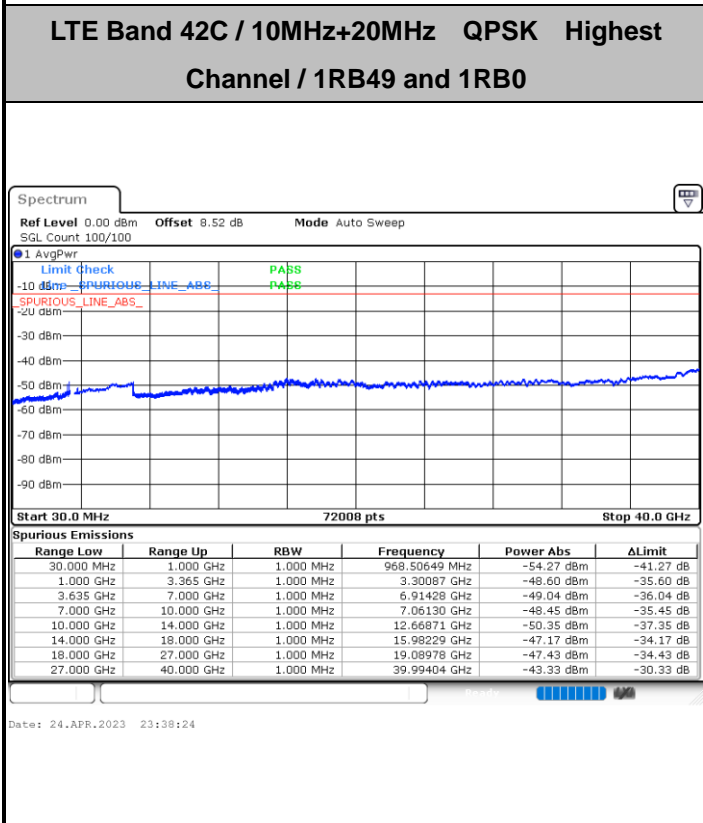
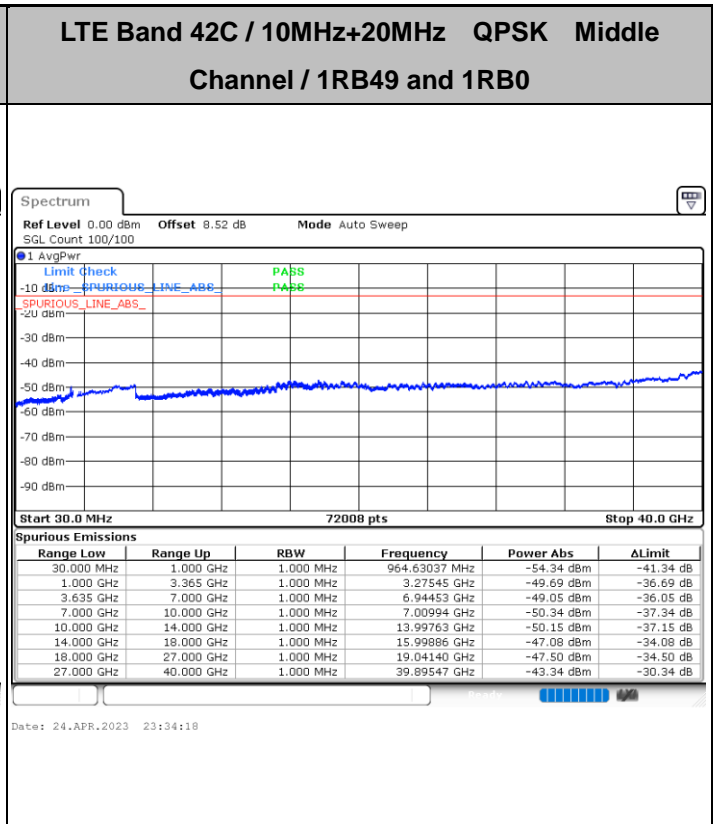
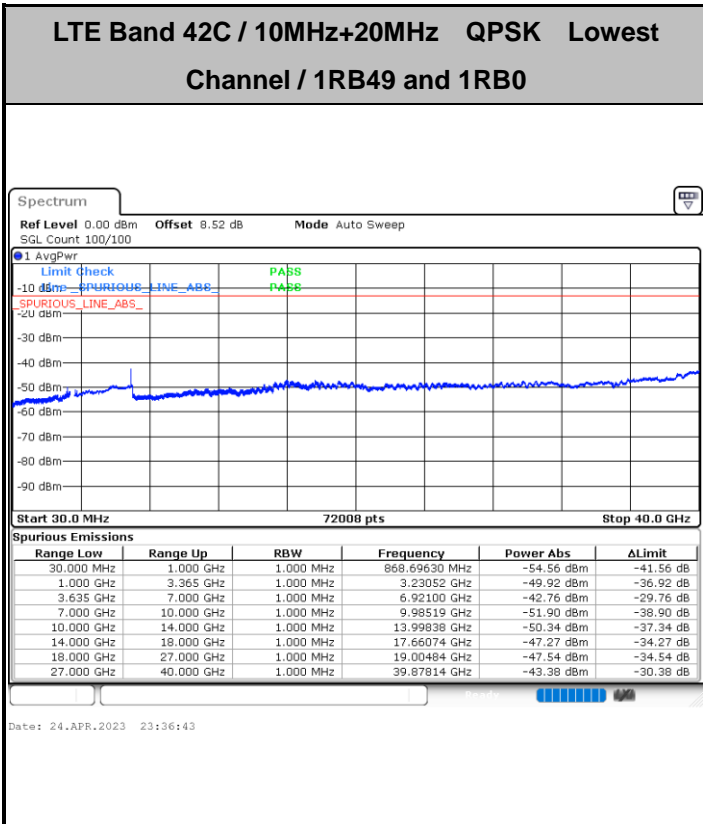


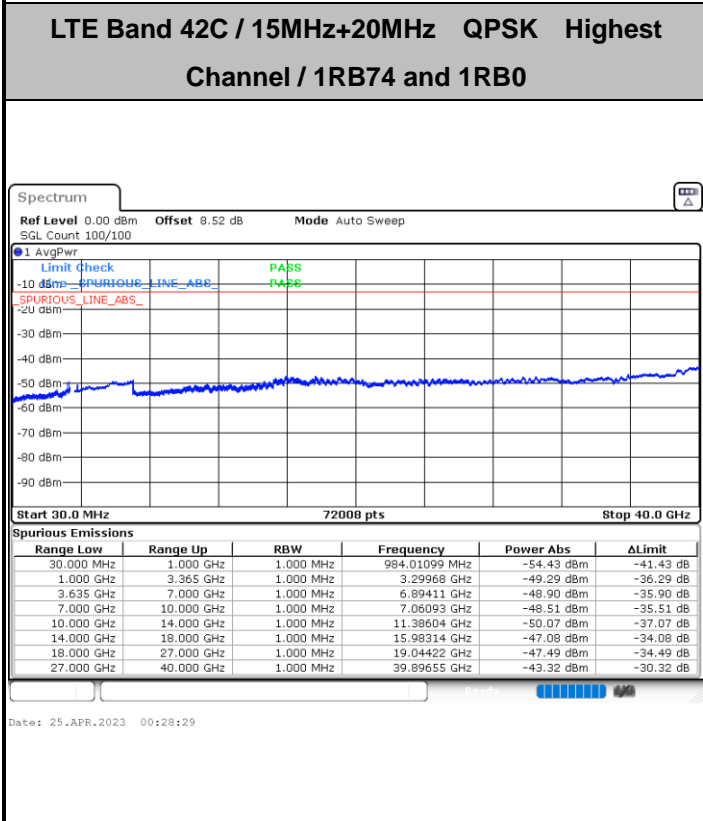
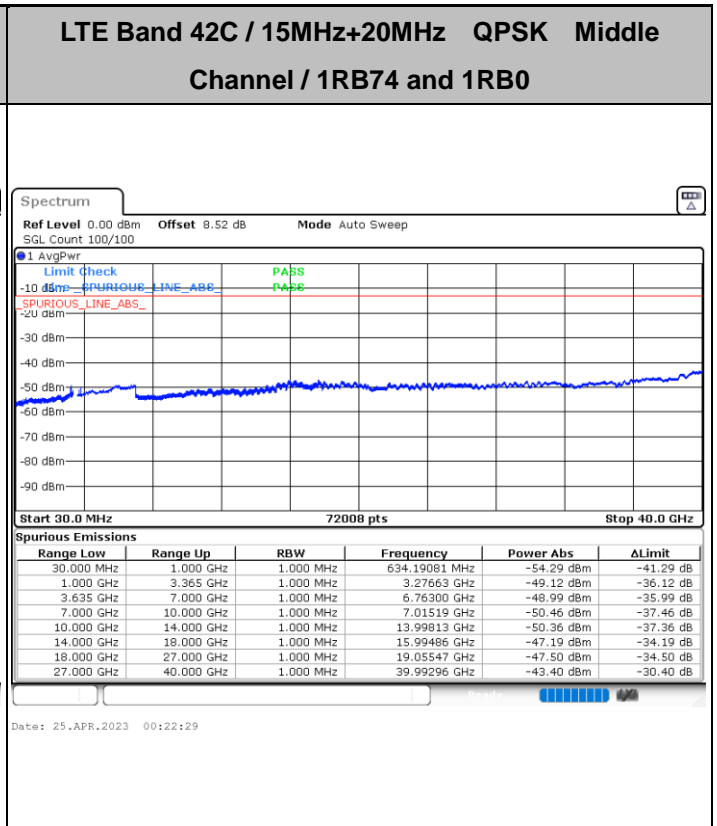
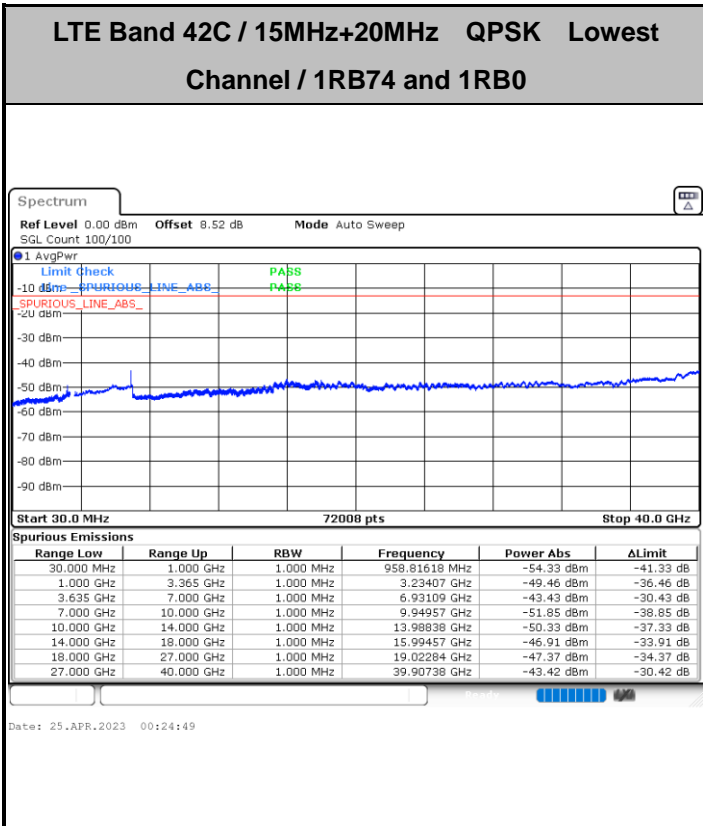
Date: 23.APR.2023 11:49:38

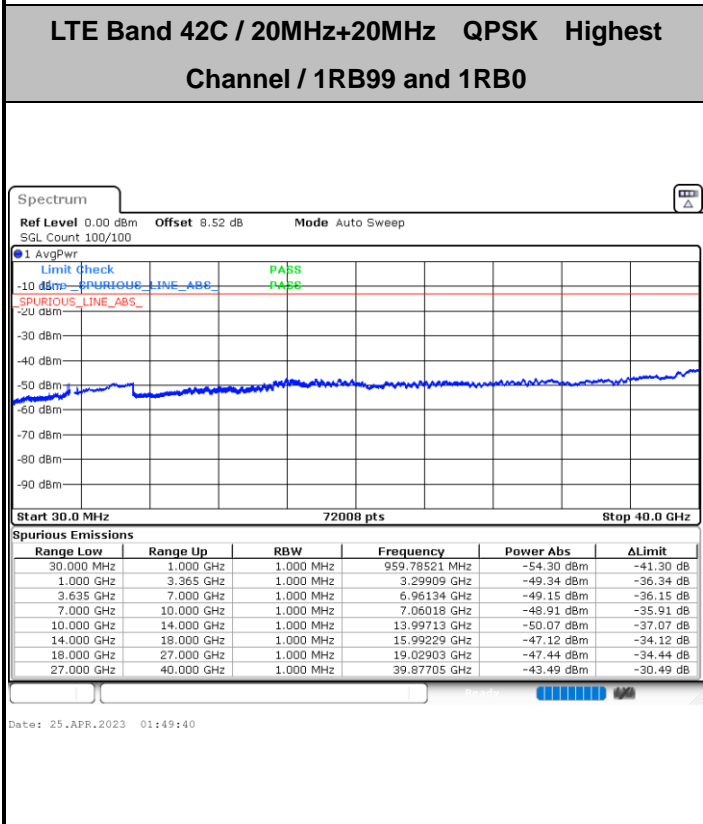
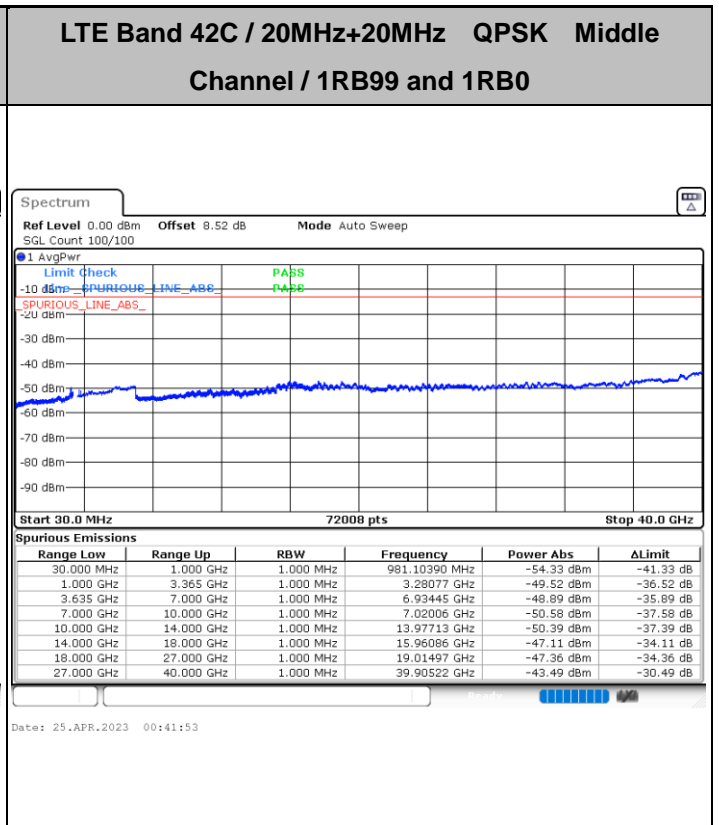
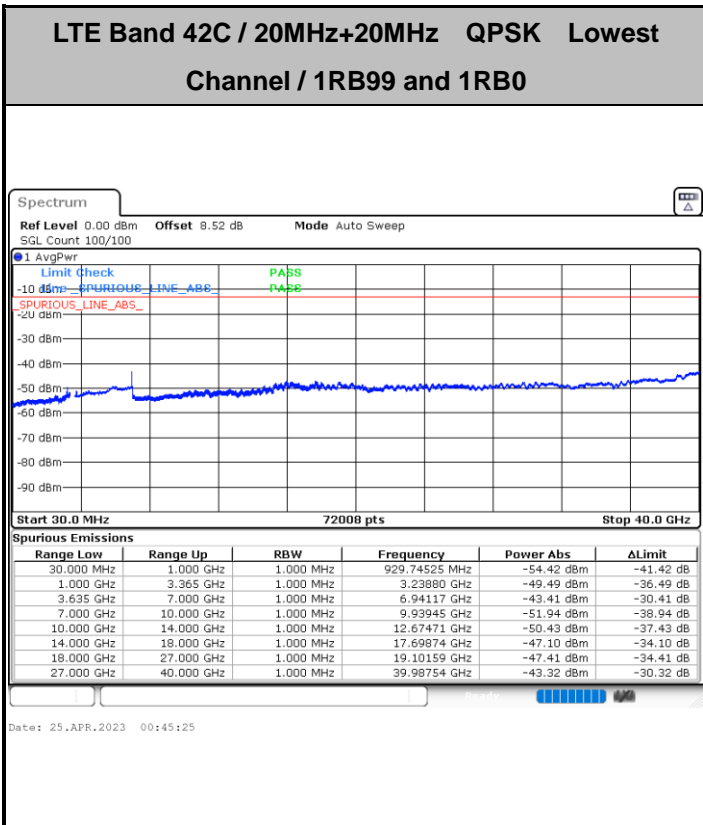


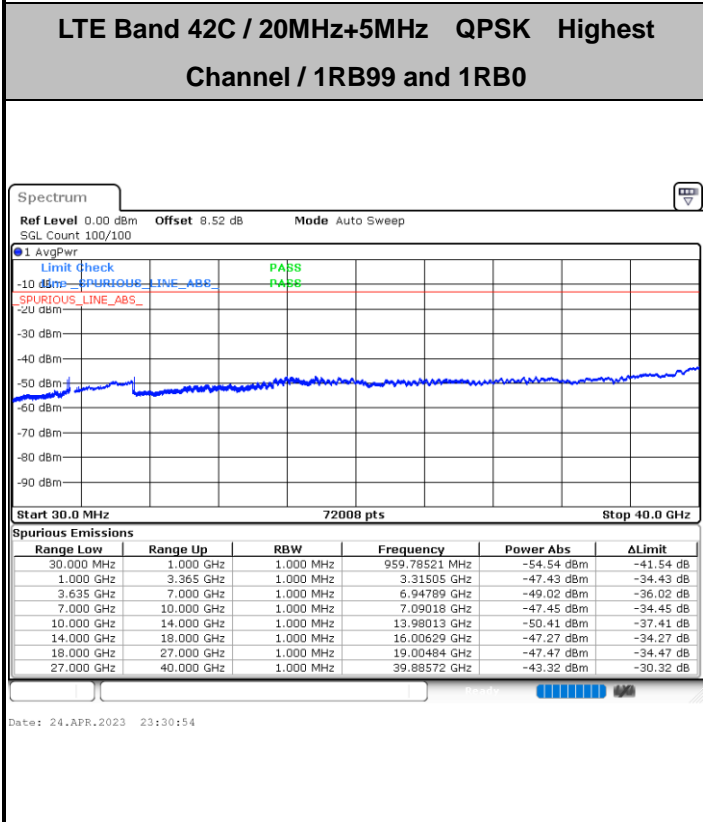
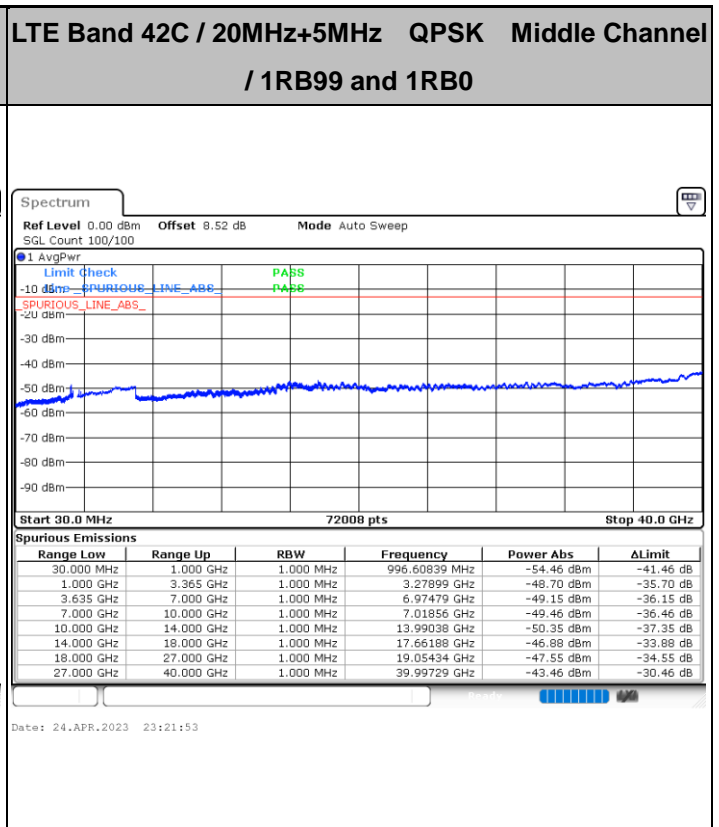
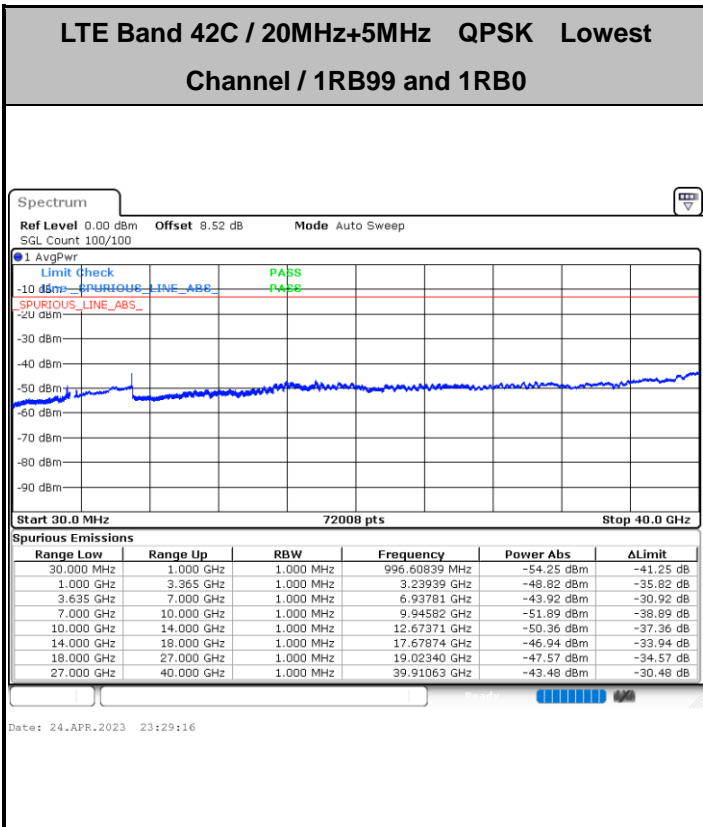
Conducted Spurious Emission

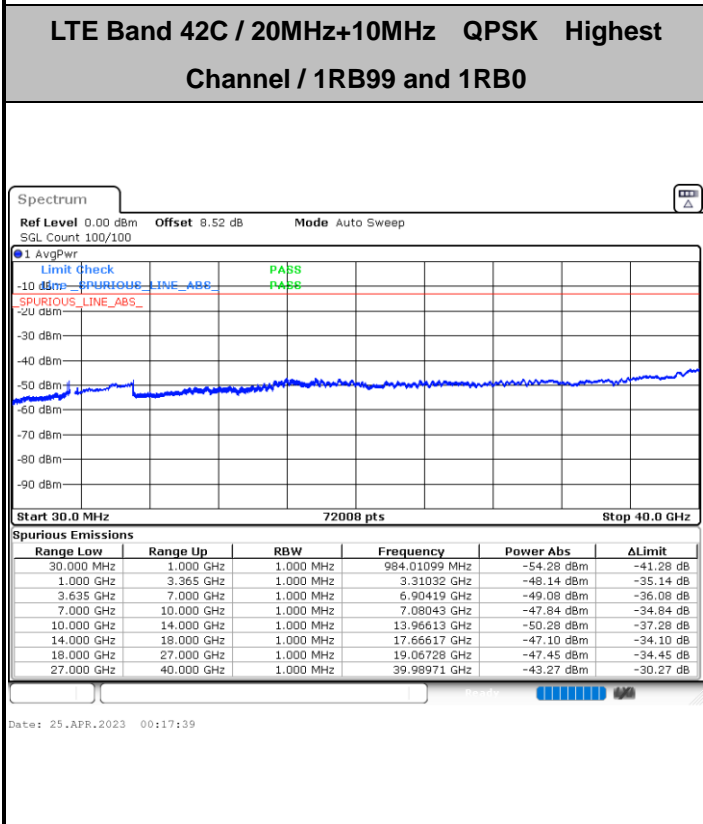
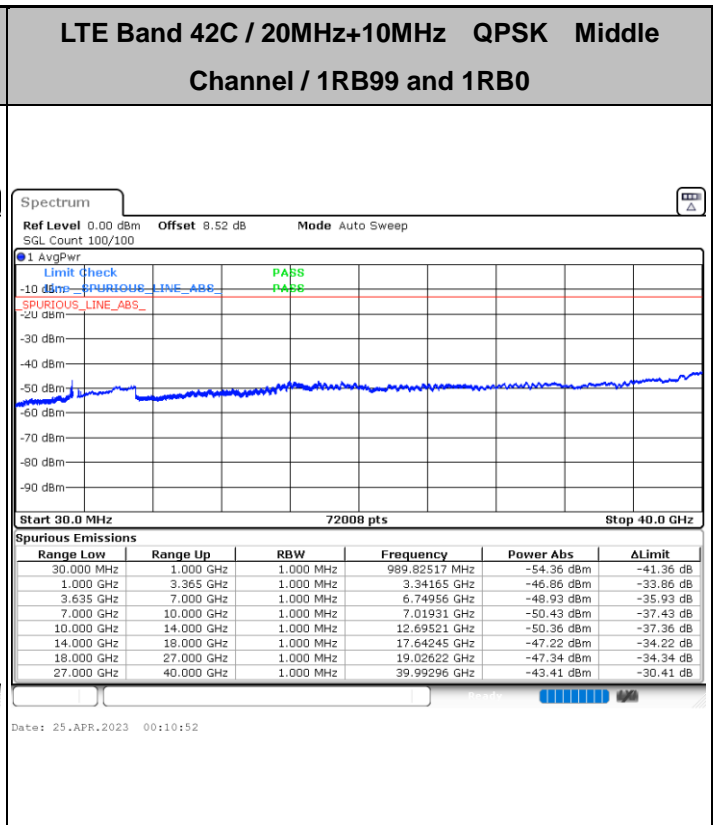
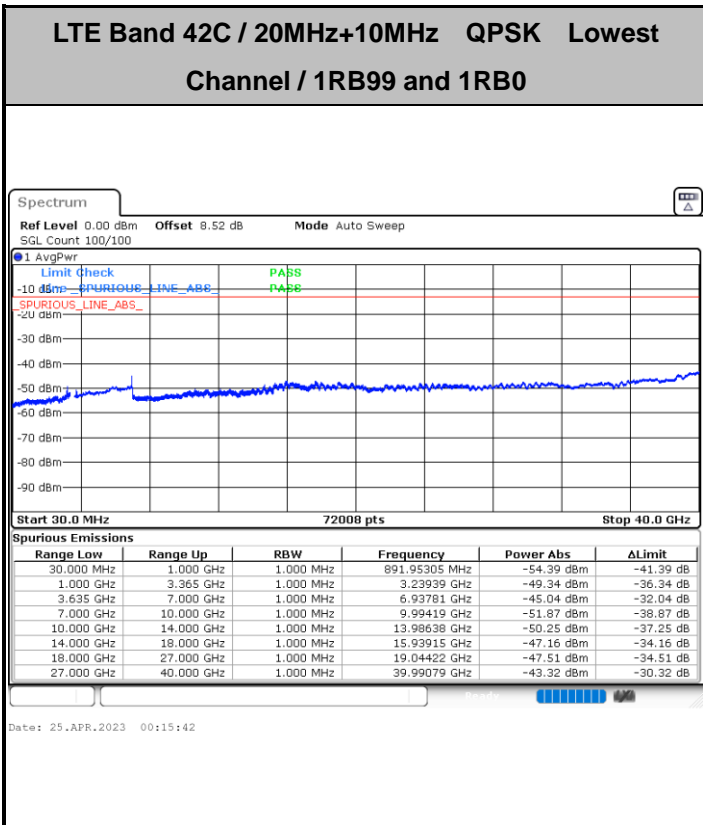








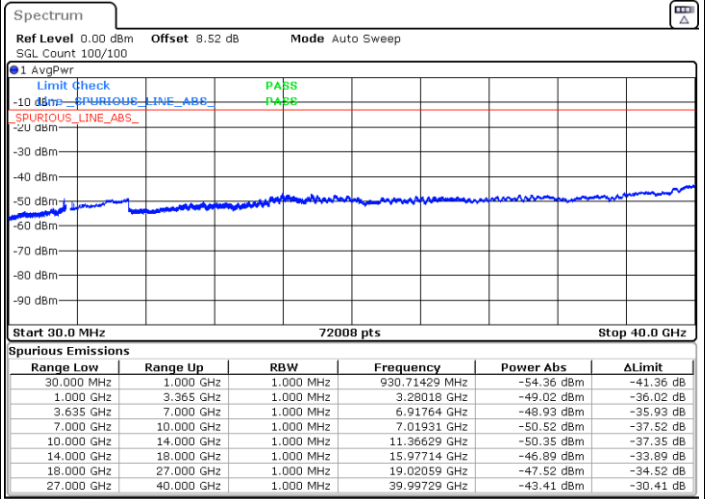
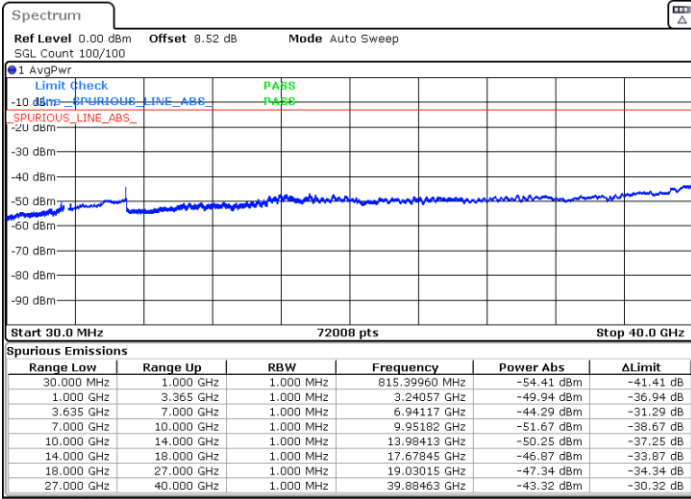






LTE Band 42C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0

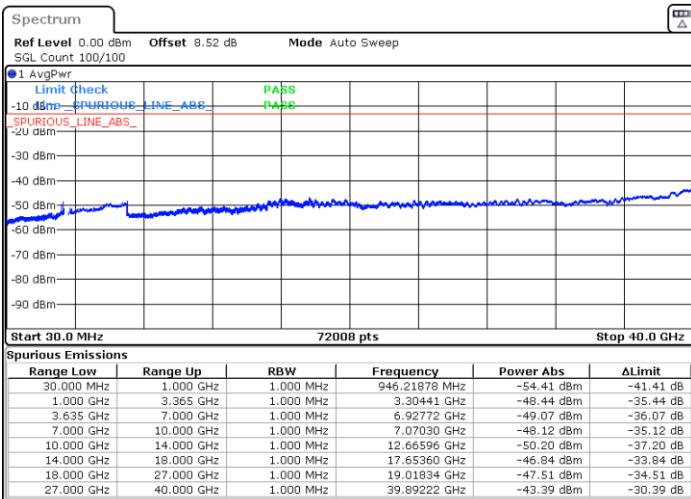
LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 25.APR.2023 00:34:17

Date: 25.APR.2023 00:31:07

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



Date: 25.APR.2023 00:39:24

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 =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	-60.11	-13	-47.11	-70.32	3.03	13.24	H
	10356	-55.71	-13	-42.71	-65.16	3.56	13.01	H
	13800	-60.67	-13	-47.67	-70.19	3.92	13.44	H
	6900	-59.83	-13	-46.83	-70.04	3.03	13.24	V
	10356	-53.10	-13	-40.10	-62.55	3.56	13.01	V
	13800	-61.09	-13	-48.09	-70.61	3.92	13.44	V
Middle	6984	-61.99	-13	-48.99	-72.20	3.03	13.24	H
	10476	-62.37	-13	-49.37	-71.82	3.56	13.01	H
	13968	-60.08	-13	-47.08	-69.60	3.92	13.44	H
	6984	-60.98	-13	-47.98	-71.19	3.03	13.24	V
	10476	-62.80	-13	-49.80	-72.25	3.56	13.01	V
	13964.36	-60.24	-13	-47.24	-69.76	3.92	13.44	V
Highest	7068	-63.15	-13	-50.15	-73.36	3.03	13.24	H
	10596	-60.99	-13	-47.99	-70.44	3.56	13.01	H
	14124	-60.59	-13	-47.59	-70.11	3.92	13.44	H
	7068	-63.03	-13	-50.03	-73.24	3.03	13.24	V
	10596	-61.51	-13	-48.51	-70.96	3.56	13.01	V
	14124	-60.94	-13	-47.94	-70.46	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 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	6802	-59.48	-13	-46.48	-69.69	3.03	13.24	H
	10203	-48.87	-13	-35.87	-58.32	3.56	13.01	H
	13604	-60.65	-13	-47.65	-70.17	3.92	13.44	H
	6802	-55.43	-13	-42.43	-65.64	3.03	13.24	V
	10203	-44.09	-13	-31.09	-53.54	3.56	13.01	V
	13604	-60.86	-13	-47.86	-70.38	3.92	13.44	V
Middle	6962	-61.80	-13	-48.80	-72.01	3.03	13.24	H
	10443	-56.91	-13	-43.91	-66.36	3.56	13.01	H
	13924	-60.45	-13	-47.45	-69.97	3.92	13.44	H
	6962	-61.73	-13	-48.73	-71.94	3.03	13.24	V
	10443	-56.89	-13	-43.89	-66.34	3.56	13.01	V
	13924	-60.73	-13	-47.73	-70.25	3.92	13.44	V
Highest	7122	-63.52	-13	-50.52	-73.73	3.03	13.24	H



	10683	-53.72	-13	-40.72	-63.17	3.56	13.01	H
	14244	-59.41	-13	-46.41	-68.93	3.92	13.44	H
	7122.58	-61.12	-13	-48.12	-71.33	3.03	13.24	V
	10683	-55.27	-13	-42.27	-64.72	3.56	13.01	V
	14244	-59.48	-13	-46.48	-69.00	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 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	-63.84	-13	-50.84	-74.05	3.03	13.24	H
	10262	-61.94	-13	-48.94	-71.39	3.56	13.01	H
	13683	-60.48	-13	-47.48	-70.00	3.92	13.44	H
	6840	-63.85	-13	-50.85	-74.06	3.03	13.24	V
	10262	-62.47	-13	-49.47	-71.92	3.56	13.01	V
	13683	-60.65	-13	-47.65	-70.17	3.92	13.44	V
Middle	7001	-63.17	-13	-50.17	-73.38	3.03	13.24	H
	10502	-62.32	-13	-49.32	-71.77	3.56	13.01	H
	14004	-60.00	-13	-47.00	-69.52	3.92	13.44	H
	7001	-63.67	-13	-50.67	-73.88	3.03	13.24	V
	10502	-62.81	-13	-49.81	-72.26	3.56	13.01	V
	14004	-59.83	-13	-46.83	-69.35	3.92	13.44	V
Highest	7164	-63.08	-13	-50.08	-73.29	3.03	13.24	H
	10740	-62.40	-13	-49.40	-71.85	3.56	13.01	H
	14328	-60.25	-13	-47.25	-69.77	3.92	13.44	H
	7164	-63.30	-13	-50.30	-73.51	3.03	13.24	V
	10740	-62.34	-13	-49.34	-71.79	3.56	13.01	V
	14328	-60.26	-13	-47.26	-69.78	3.92	13.44	V

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