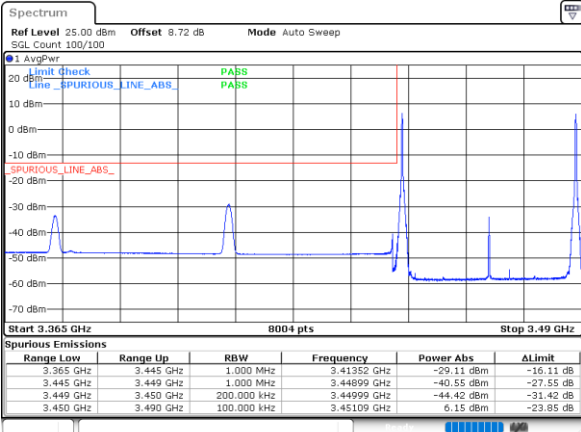




LTE Band 42C / 20MHz+20MHz

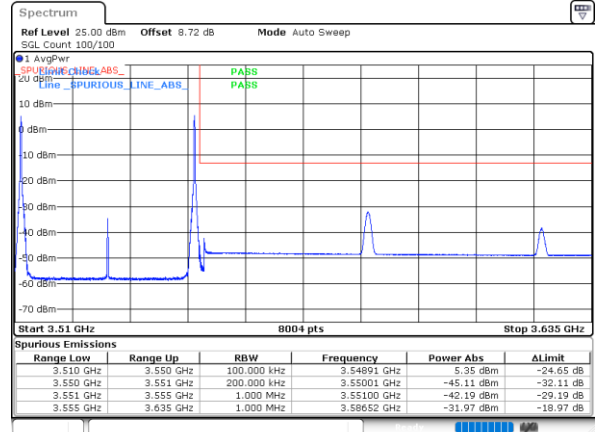
256QAM

Lowest Band Edge / 1RB0 and 1RB9



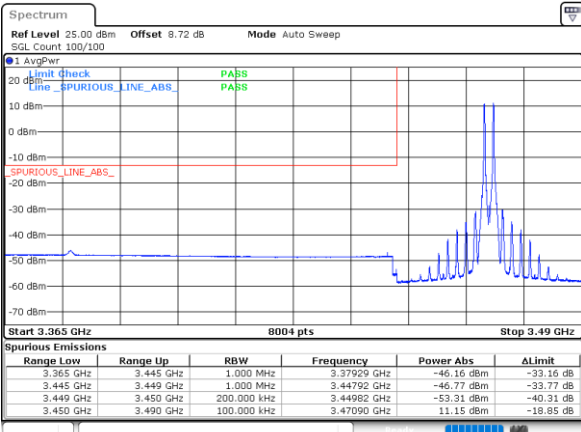
Date: 22.MAY.2024 09:59:53

Highest Band Edge / 1RB0 and 1RB9



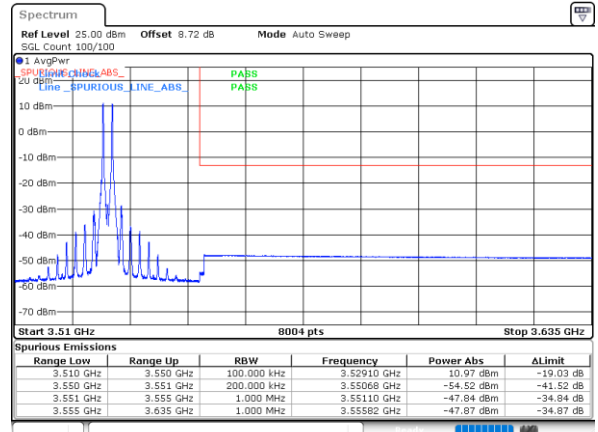
Date: 22.MAY.2024 10:17:40

Lowest Band Edge / 1RB99 and 1RB0



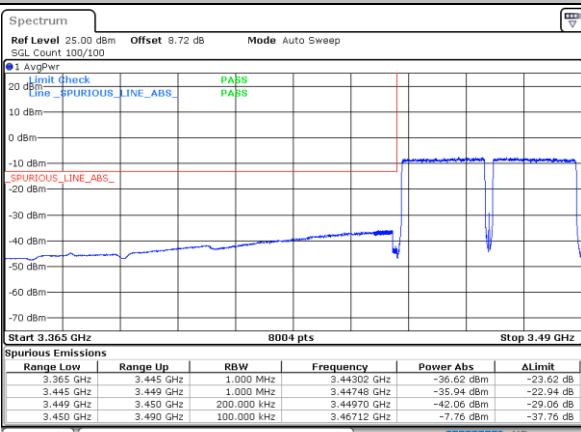
Date: 22.MAY.2024 09:50:25

Highest Band Edge / 1RB99 and 1RB0



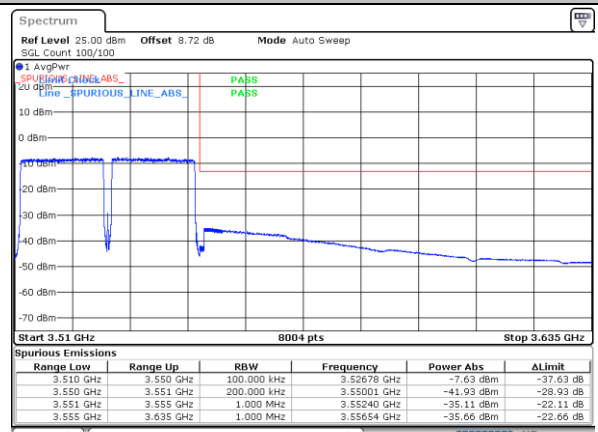
Date: 22.MAY.2024 10:08:46

Lowest Band Edge / Full RB



Date: 22.MAY.2024 09:59:53

Highest Band Edge / Full RB



Date: 22.MAY.2024 10:08:46

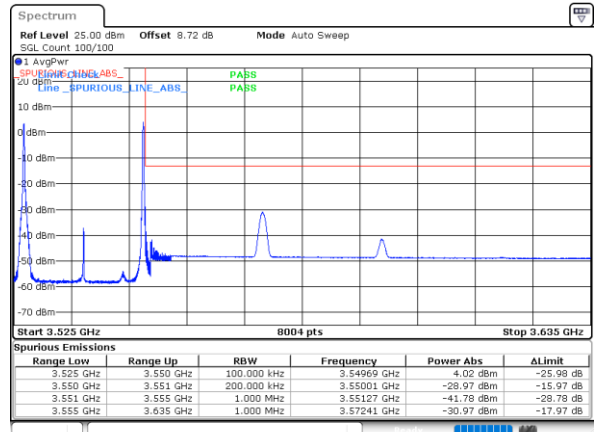
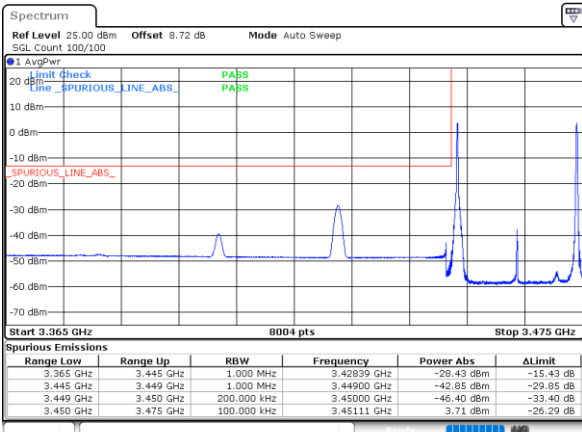


LTE Band 42C / 20MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

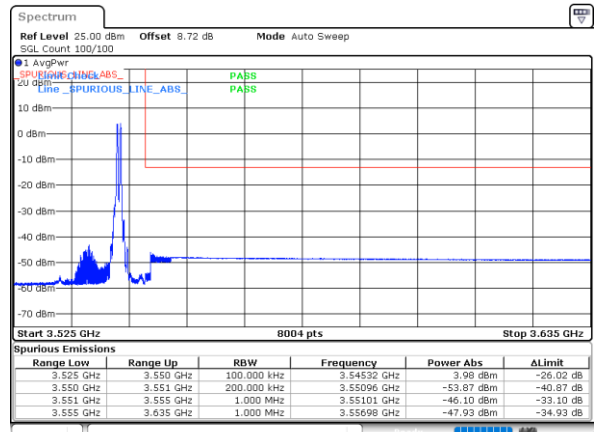
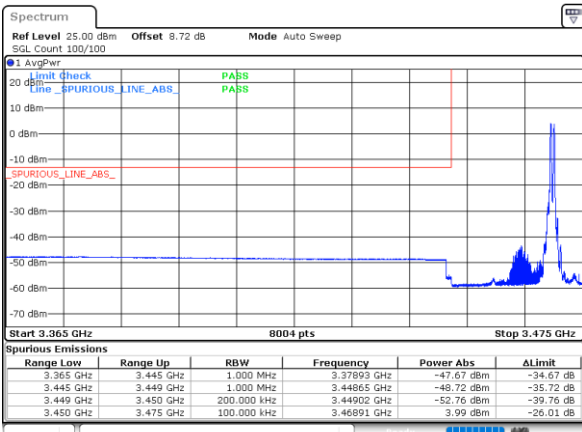


Date: 22.MAY.2024 10:29:55

Date: 22.MAY.2024 10:47:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

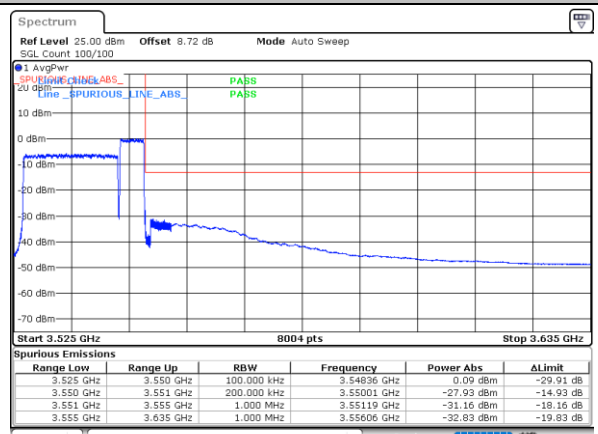
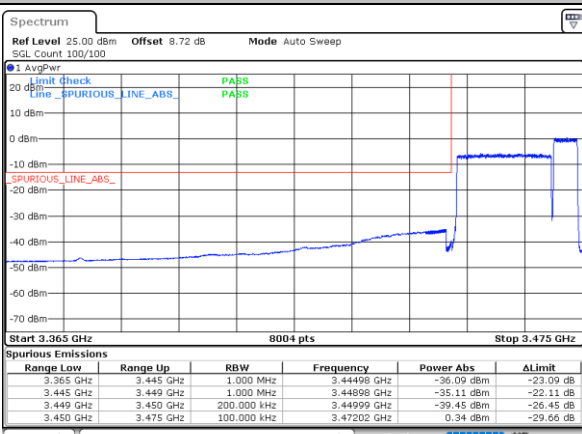


Date: 22.MAY.2024 10:21:00

Date: 22.MAY.2024 10:38:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAY.2024 10:25:28

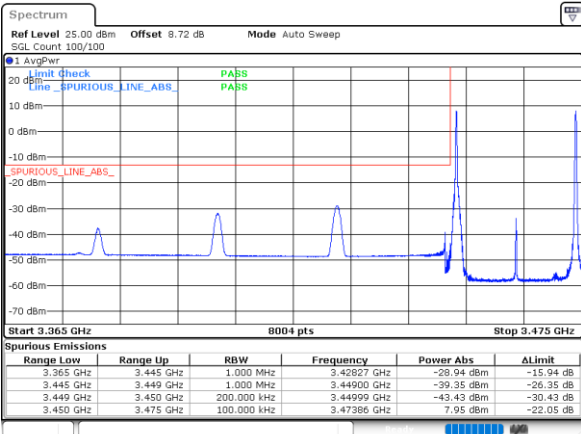
Date: 22.MAY.2024 10:43:15



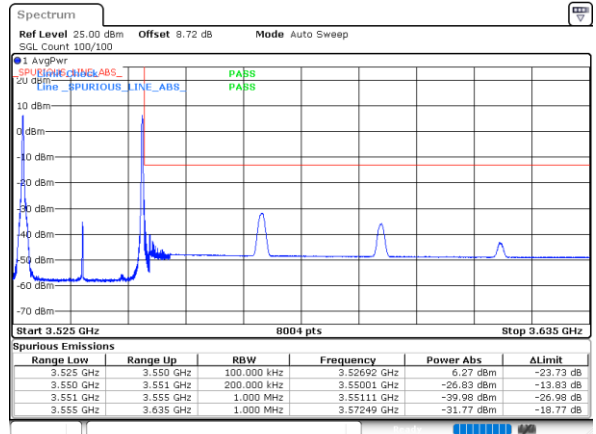
LTE Band 42C / 20MHz+5MHz

16QAM

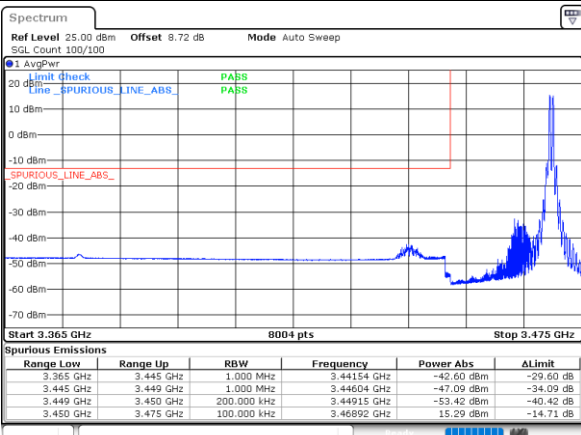
Lowest Band Edge / 1RB0 and 1RB24



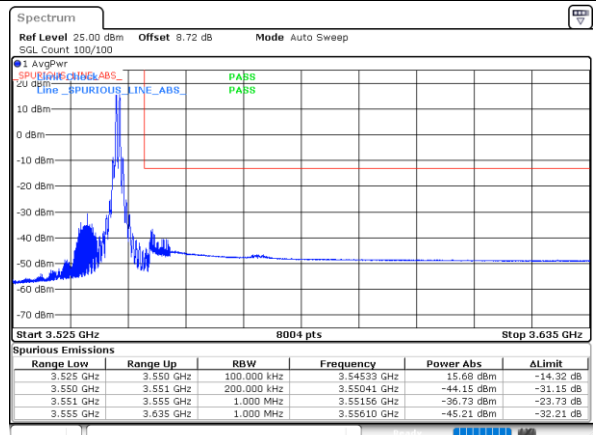
Highest Band Edge / 1RB0 and 1RB24



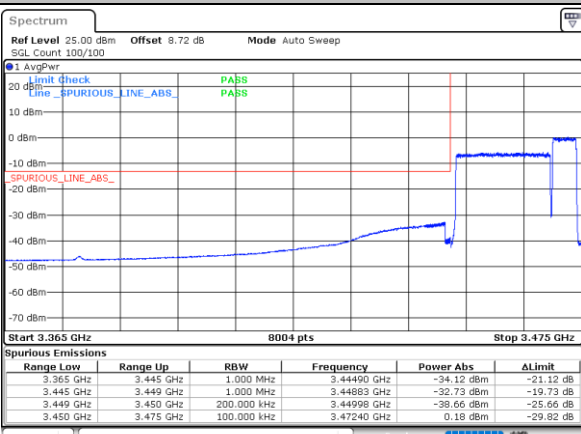
Lowest Band Edge / 1RB99 and 1RB0



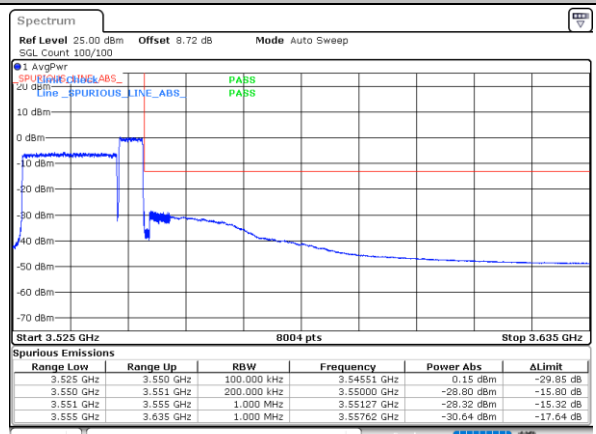
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

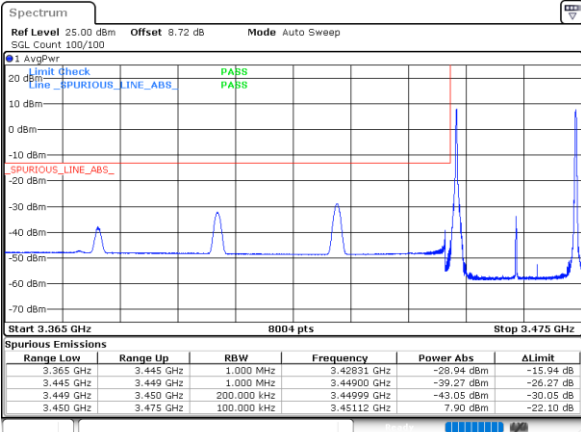




LTE Band 42C / 20MHz+5MHz

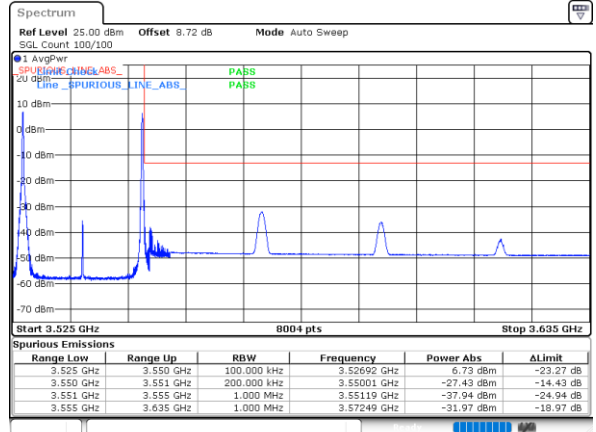
64QAM

Lowest Band Edge / 1RB0 and 1RB24



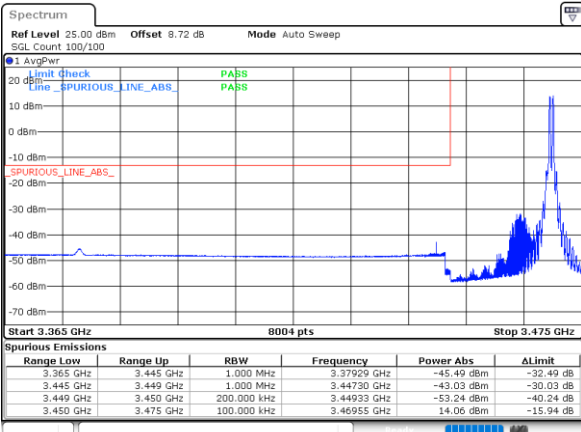
Date: 22.MAY.2024 10:32:08

Highest Band Edge / 1RB0 and 1RB24



Date: 22.MAY.2024 10:49:56

Lowest Band Edge / 1RB99 and 1RB0



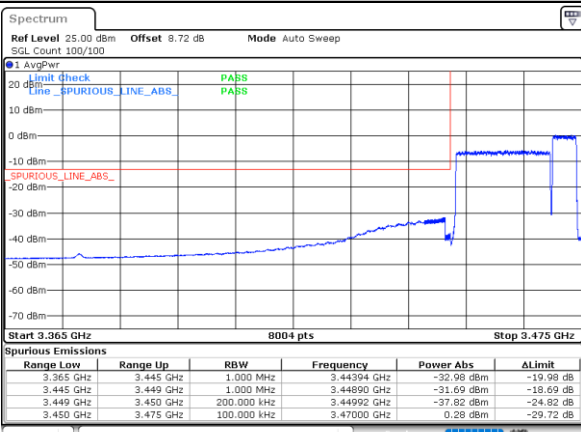
Date: 22.MAY.2024 10:23:14

Highest Band Edge / 1RB99 and 1RB0



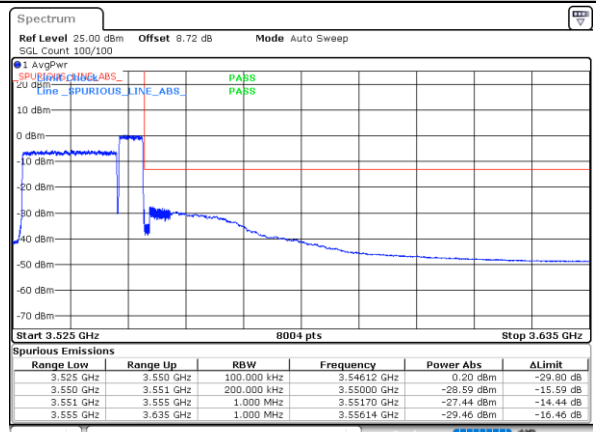
Date: 22.MAY.2024 10:41:01

Lowest Band Edge / Full RB



Date: 22.MAY.2024 10:27:41

Highest Band Edge / Full RB



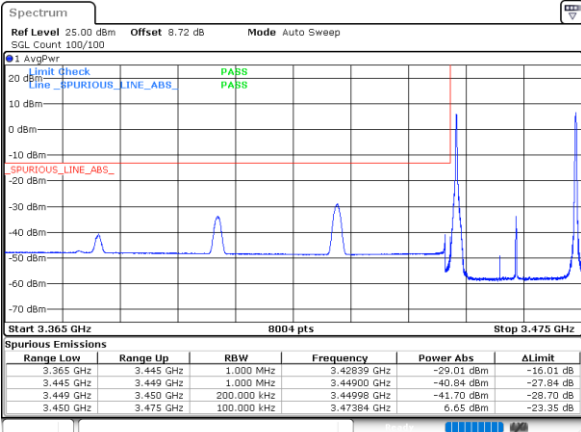
Date: 22.MAY.2024 10:45:29



LTE Band 42C / 20MHz+5MHz

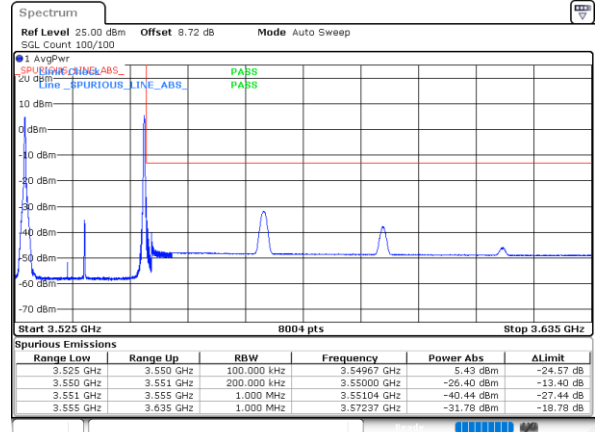
256QAM

Lowest Band Edge / 1RB0 and 1RB24



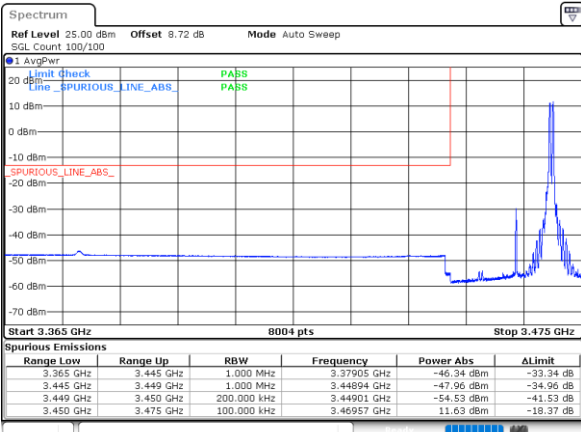
Date: 22.MAY.2024 10:33:14

Highest Band Edge / 1RB0 and 1RB24



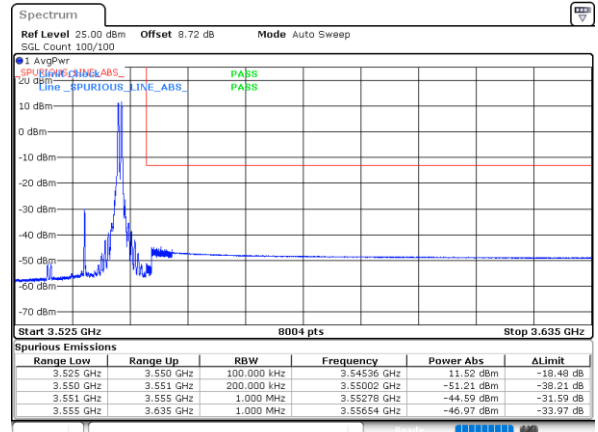
Date: 22.MAY.2024 10:51:02

Lowest Band Edge / 1RB99 and 1RB0



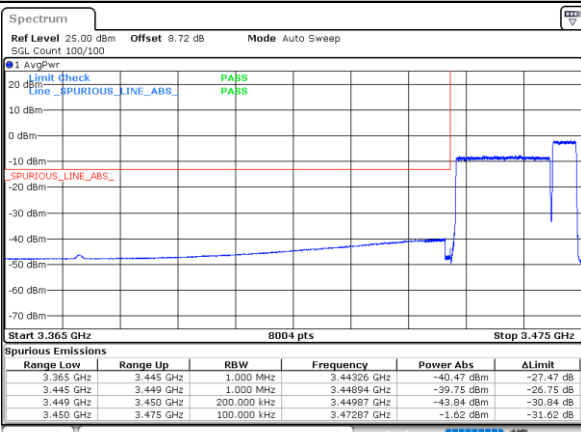
Date: 22.MAY.2024 10:24:21

Highest Band Edge / 1RB99 and 1RB0



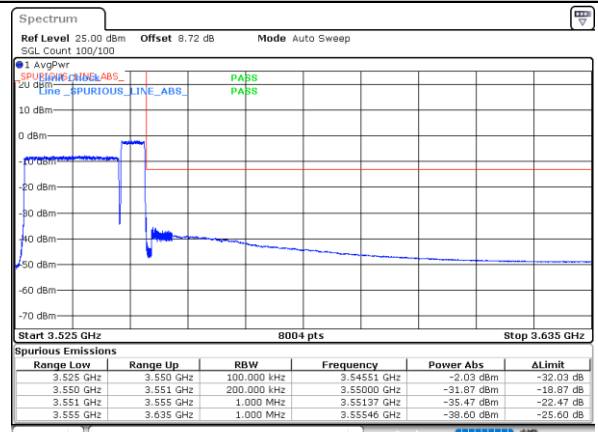
Date: 22.MAY.2024 10:42:07

Lowest Band Edge / Full RB



Date: 22.MAY.2024 10:28:48

Highest Band Edge / Full RB



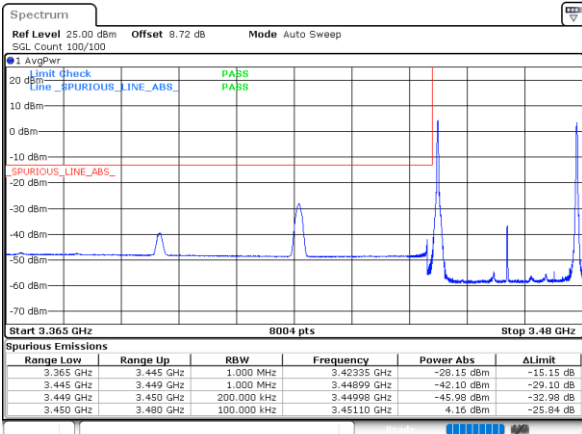
Date: 22.MAY.2024 10:46:35



LTE Band 42C / 20MHz+10MHz

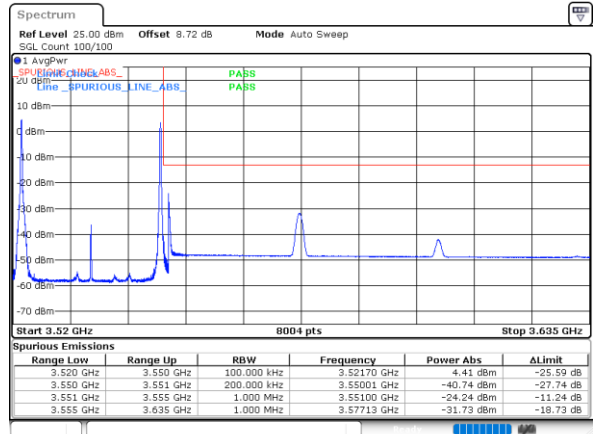
QPSK

Lowest Band Edge / 1RB0 and 1RB49



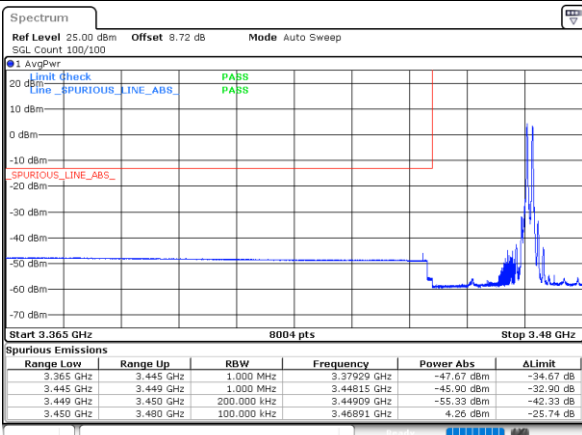
Date: 22.MAY.2024 11:03:18

Highest Band Edge / 1RB0 and 1RB49



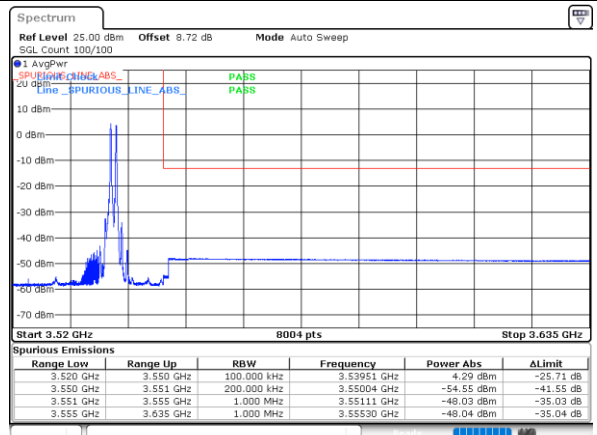
Date: 22.MAY.2024 11:21:05

Lowest Band Edge / 1RB99 and 1RB0



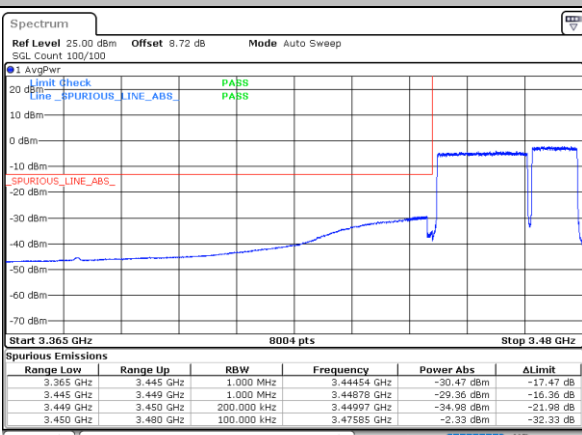
Date: 22.MAY.2024 10:54:22

Highest Band Edge / 1RB99 and 1RB0



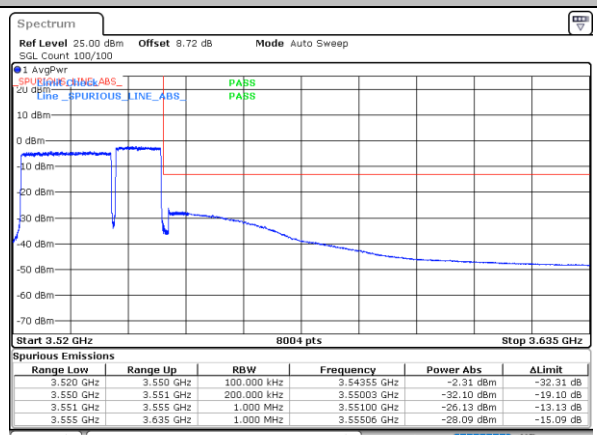
Date: 22.MAY.2024 11:12:10

Lowest Band Edge / Full RB



Date: 22.MAY.2024 10:58:50

Highest Band Edge / Full RB



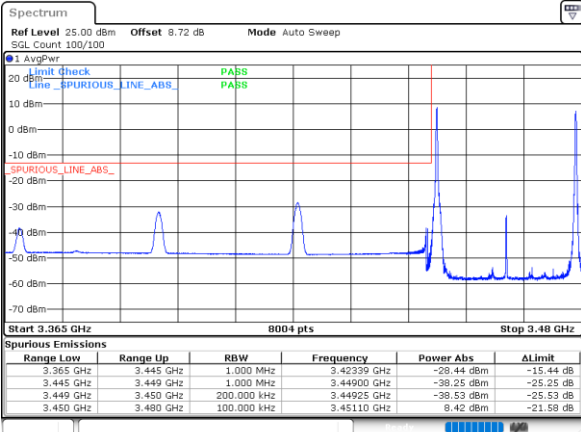
Date: 22.MAY.2024 11:16:37



LTE Band 42C / 20MHz+10MHz

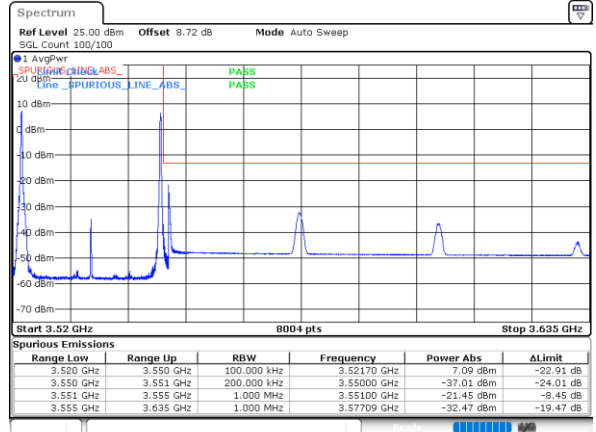
16QAM

Lowest Band Edge / 1RB0 and 1RB49



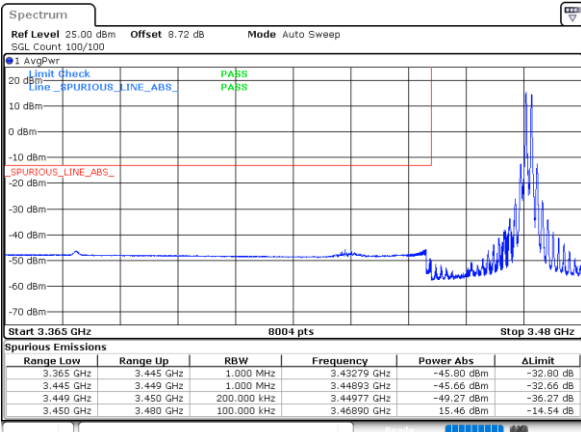
Date: 22.MAY.2024 11:04:24

Highest Band Edge / 1RB0 and 1RB49



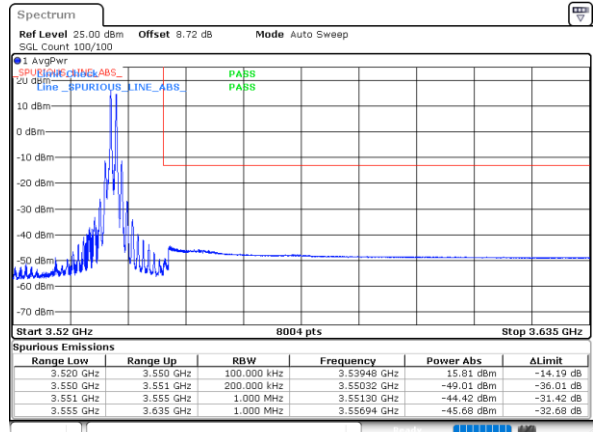
Date: 22.MAY.2024 11:22:11

Lowest Band Edge / 1RB99 and 1RB0



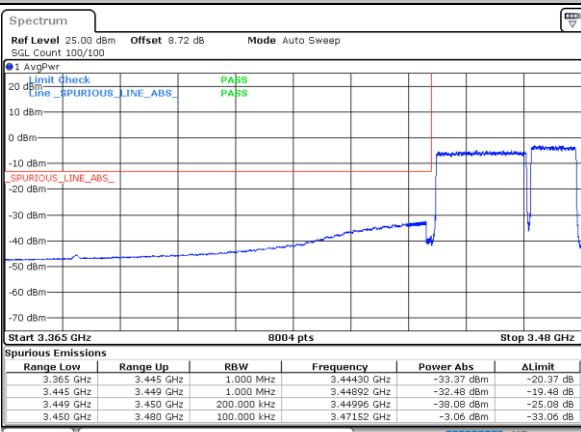
Date: 22.MAY.2024 10:55:29

Highest Band Edge / 1RB99 and 1RB0



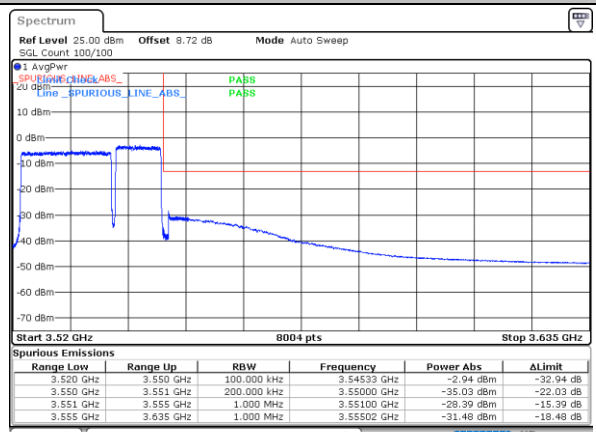
Date: 22.MAY.2024 11:13:17

Lowest Band Edge / Full RB



Date: 22.MAY.2024 10:59:57

Highest Band Edge / Full RB



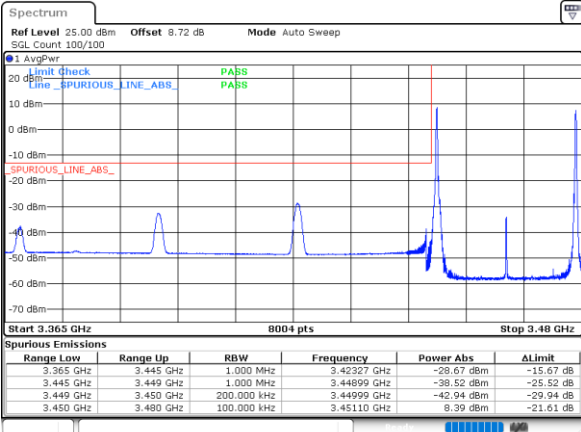
Date: 22.MAY.2024 11:17:44



LTE Band 42C / 20MHz+10MHz

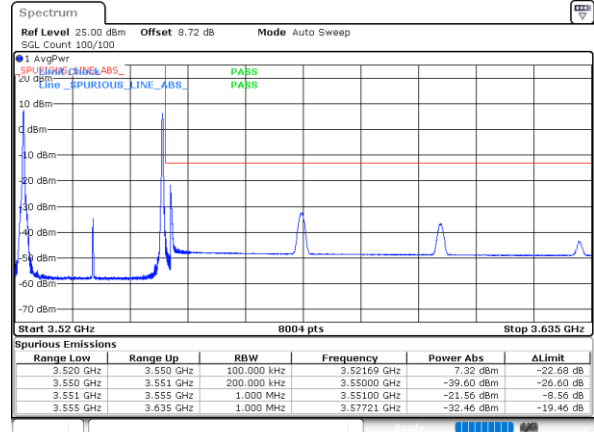
64QAM

Lowest Band Edge / 1RB0 and 1RB49



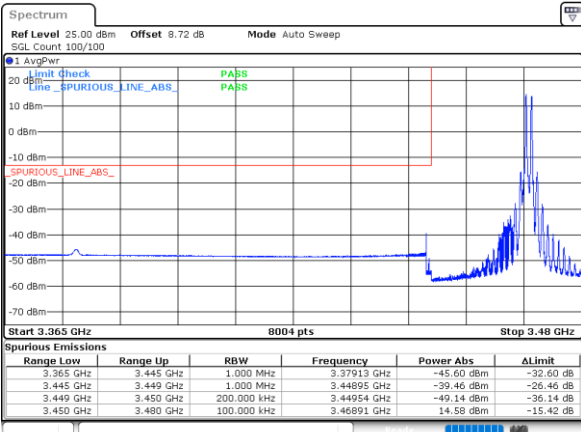
Date: 22.MAY.2024 11:05:32

Highest Band Edge / 1RB0 and 1RB49



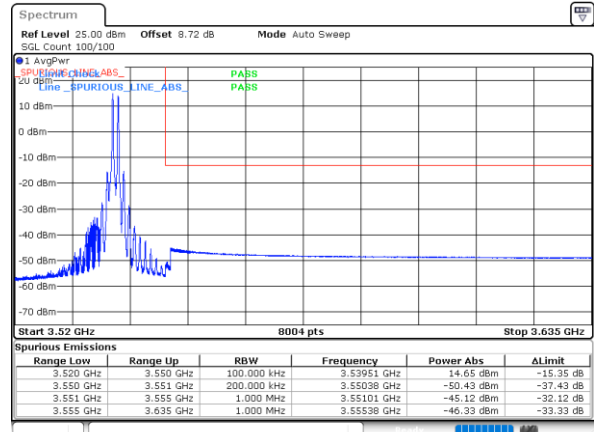
Date: 22.MAY.2024 11:23:18

Lowest Band Edge / 1RB99 and 1RB0



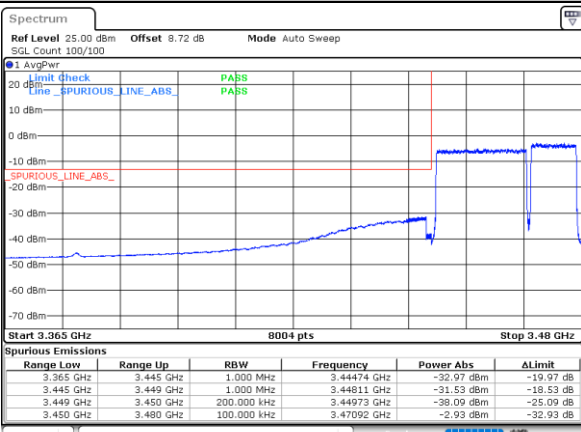
Date: 22.MAY.2024 10:56:36

Highest Band Edge / 1RB99 and 1RB0



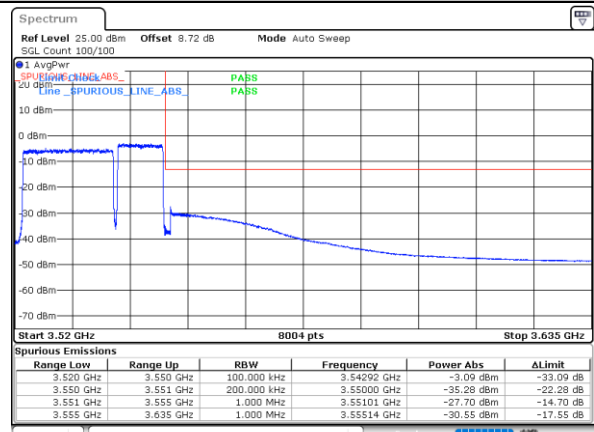
Date: 22.MAY.2024 11:14:24

Lowest Band Edge / Full RB



Date: 22.MAY.2024 11:01:04

Highest Band Edge / Full RB



Date: 22.MAY.2024 11:18:51

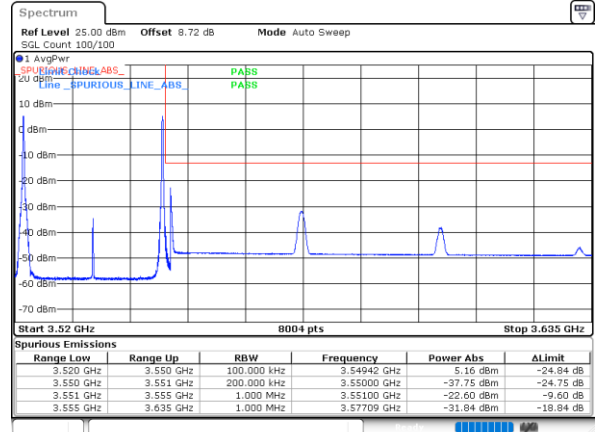
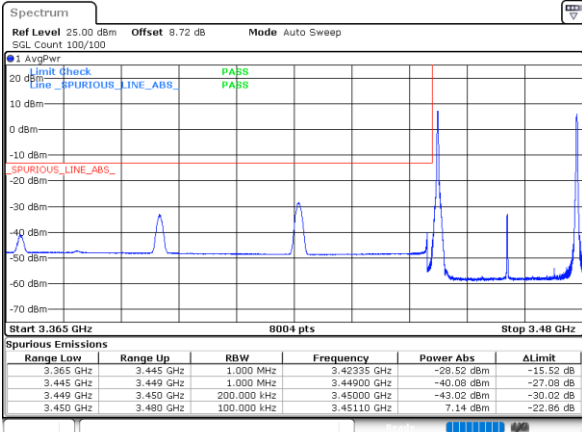


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

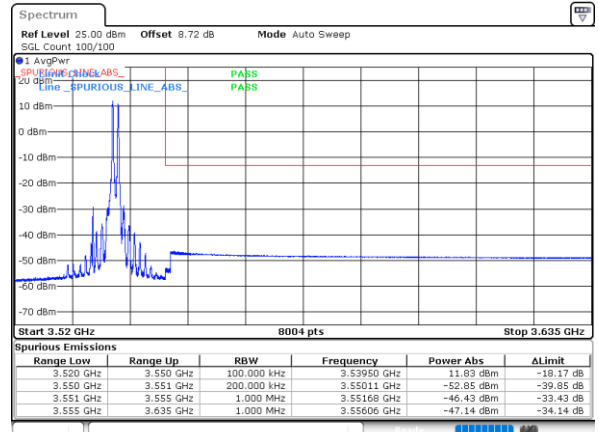
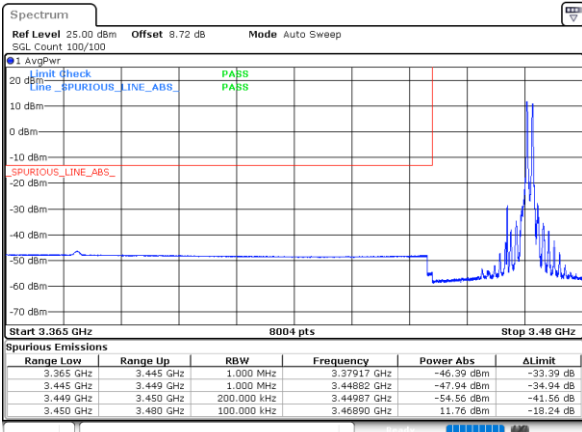


Date: 22.MAY.2024 11:06:38

Date: 22.MAY.2024 11:24:24

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

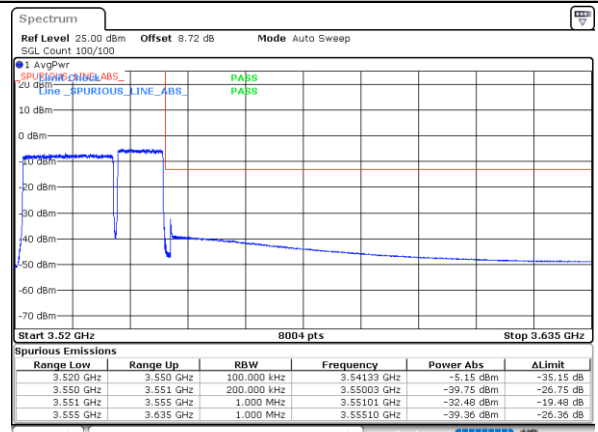
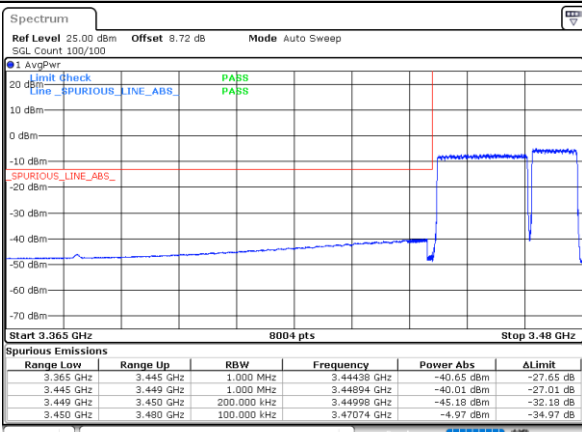


Date: 22.MAY.2024 10:57:43

Date: 22.MAY.2024 11:15:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.MAY.2024 11:02:11

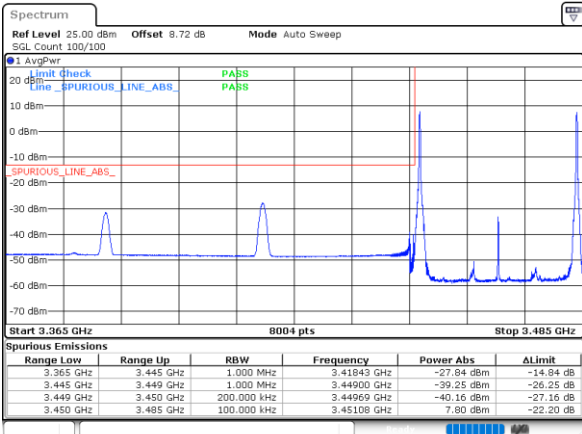
Date: 22.MAY.2024 11:19:58



LTE Band 42C / 20MHz+15MHz

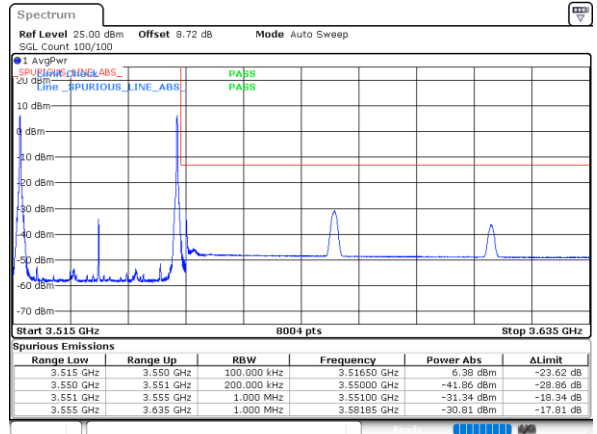
QPSK

Lowest Band Edge / 1RB0 and 1RB74



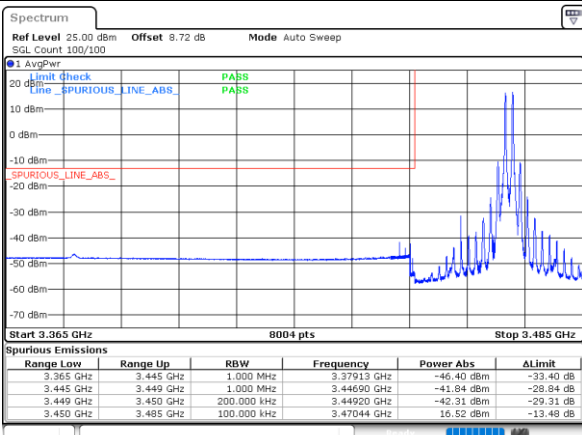
Date: 22_MAY_2024 11:36:39

Highest Band Edge / 1RB0 and 1RB74



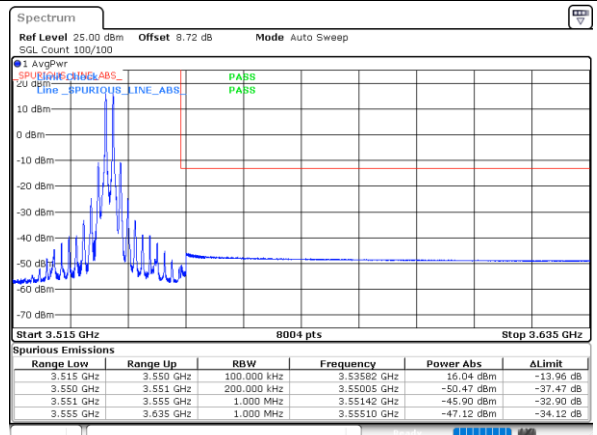
Date: 22_MAY_2024 11:56:45

Lowest Band Edge / 1RB99 and 1RB0



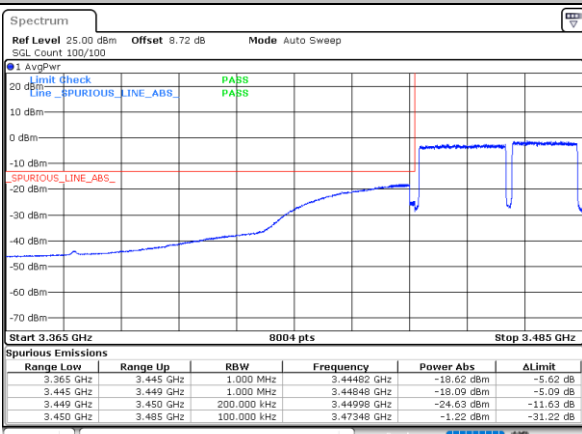
Date: 22_MAY_2024 11:27:44

Highest Band Edge / 1RB99 and 1RB0



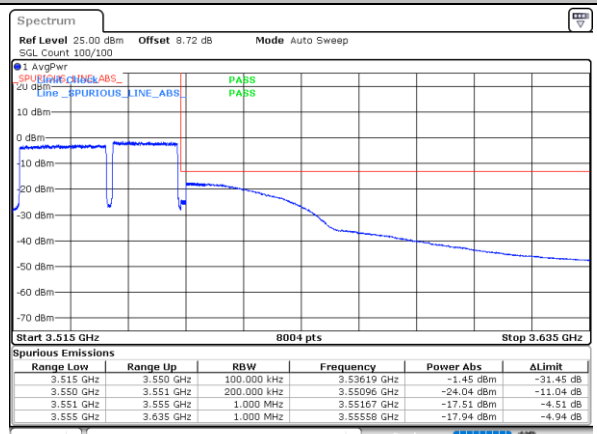
Date: 22_MAY_2024 11:47:52

Lowest Band Edge / Full RB



Date: 22_MAY_2024 11:52:11

Highest Band Edge / Full RB



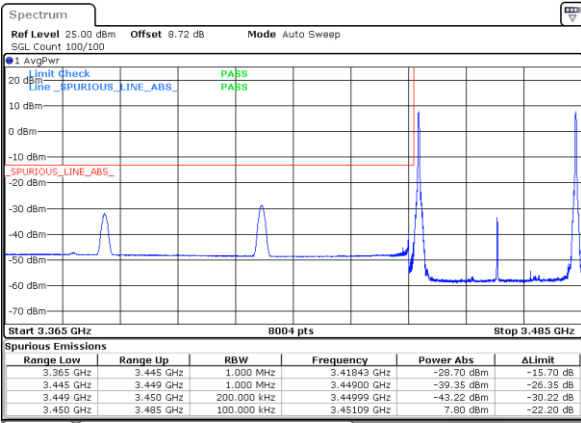
Date: 22_MAY_2024 11:52:19



LTE Band 42C / 20MHz+15MHz

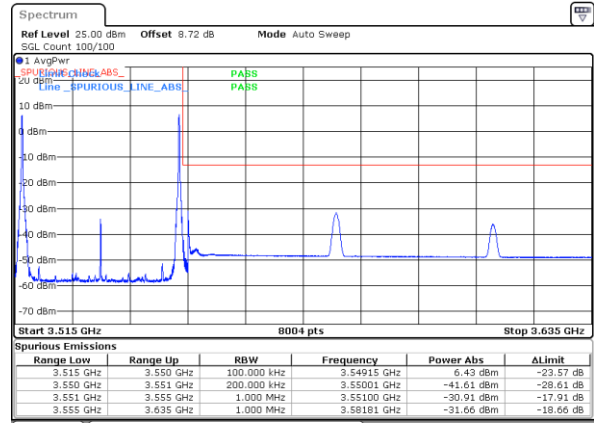
16QAM

Lowest Band Edge / 1RB0 and 1RB74



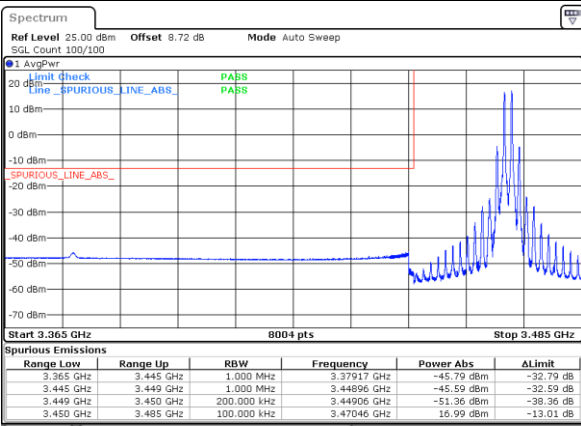
Date: 22.MAY.2024 11:37:45

Highest Band Edge / 1RB0 and 1RB74



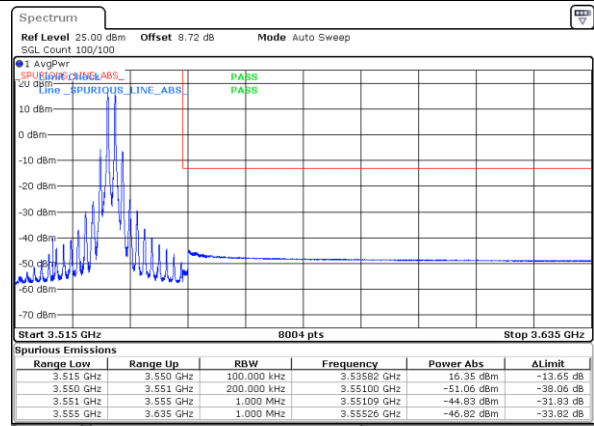
Date: 22.MAY.2024 11:57:52

Lowest Band Edge / 1RB99 and 1RB0



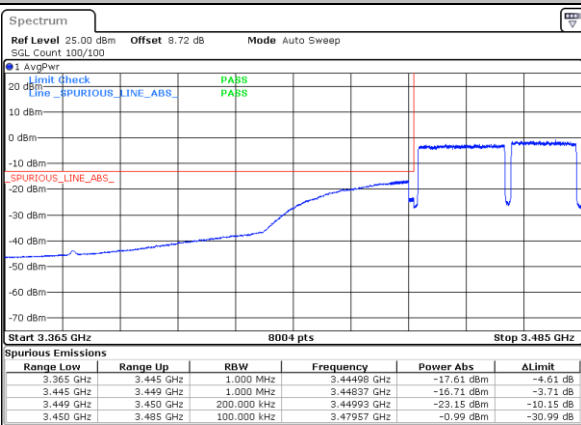
Date: 22.MAY.2024 11:28:51

Highest Band Edge / 1RB99 and 1RB0



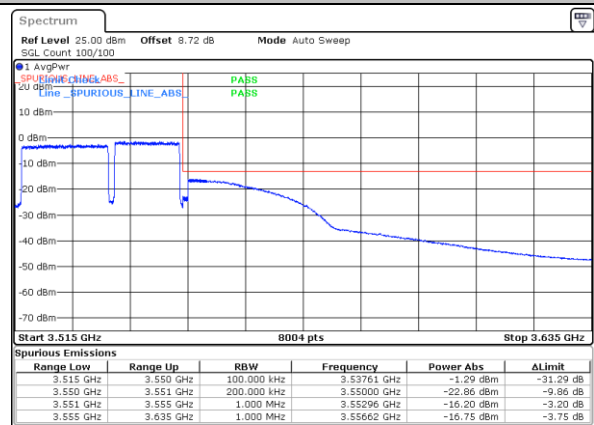
Date: 22.MAY.2024 11:48:59

Lowest Band Edge / Full RB



Date: 22.MAY.2024 11:33:18

Highest Band Edge / Full RB



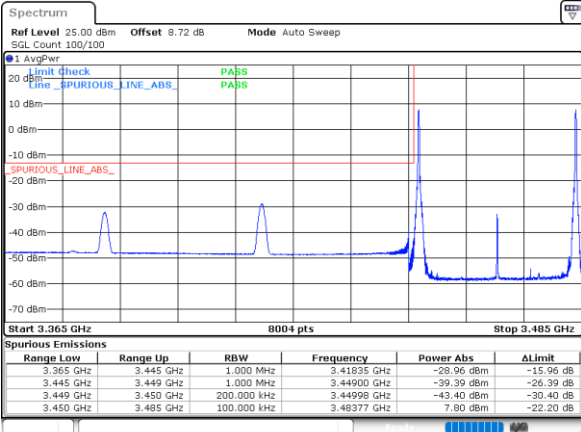
Date: 22.MAY.2024 11:53:25



LTE Band 42C / 20MHz+15MHz

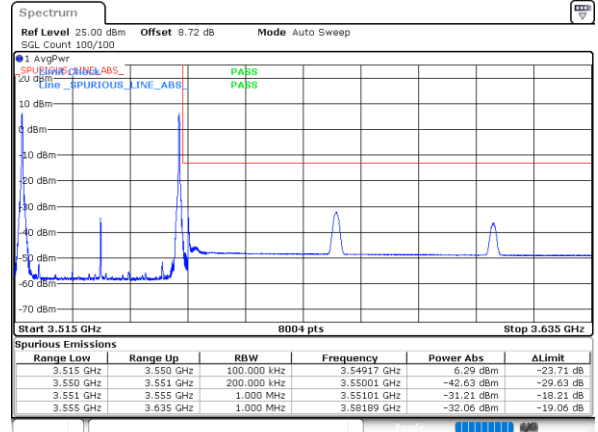
64QAM

Lowest Band Edge / 1RB0 and 1RB74



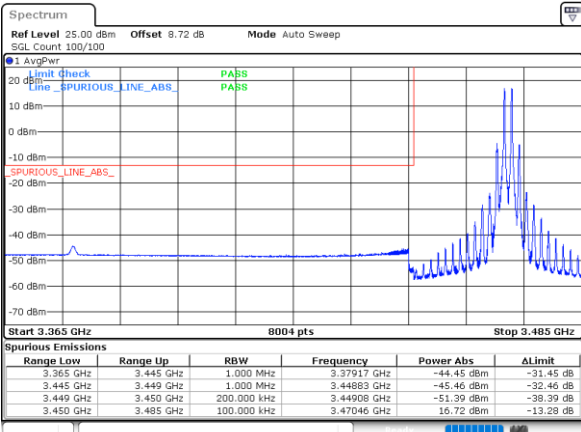
Date: 22.MAY.2024 11:38:52

Highest Band Edge / 1RB0 and 1RB74



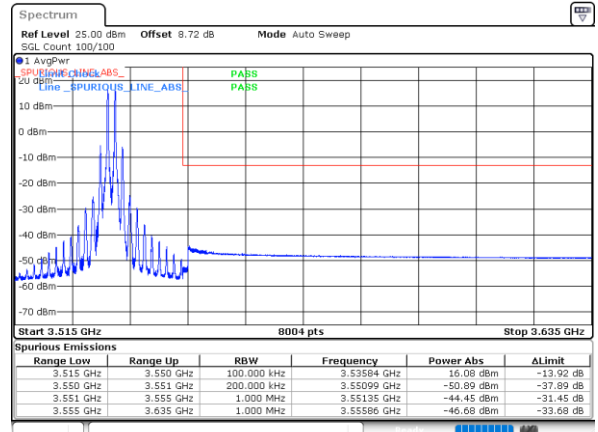
Date: 22.MAY.2024 11:58:59

Lowest Band Edge / 1RB99 and 1RB0



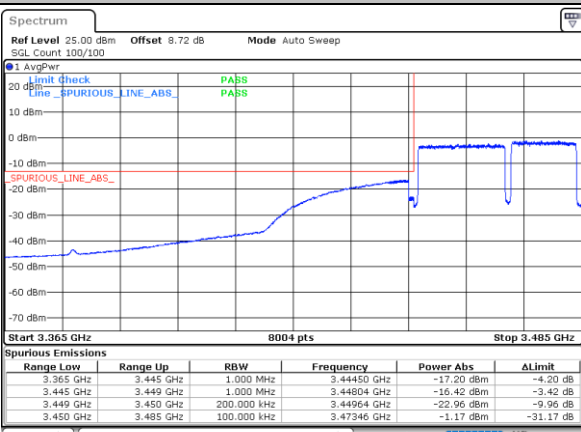
Date: 22.MAY.2024 11:29:57

Highest Band Edge / 1RB99 and 1RB0



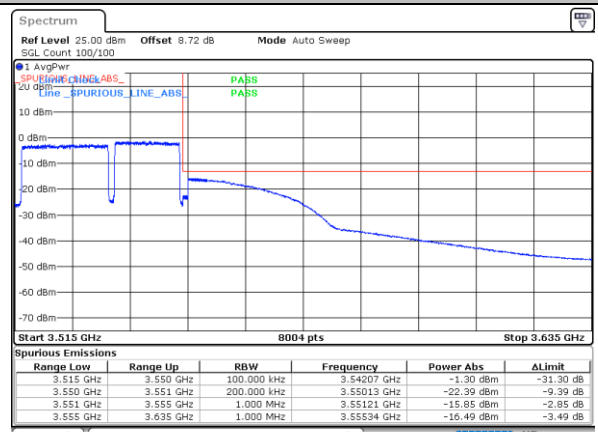
Date: 22.MAY.2024 11:50:05

Lowest Band Edge / Full RB



Date: 22.MAY.2024 11:34:25

Highest Band Edge / Full RB



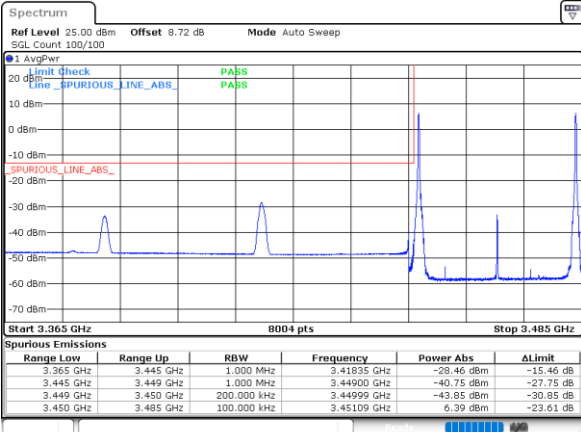
Date: 22.MAY.2024 11:54:32



LTE Band 42C / 20MHz+15MHz

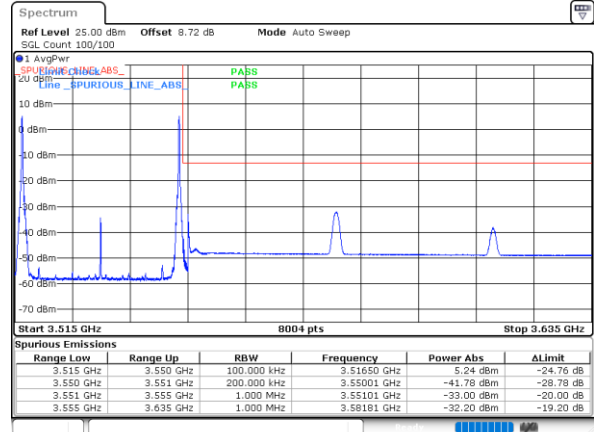
256QAM

Lowest Band Edge / 1RB0 and 1RB74



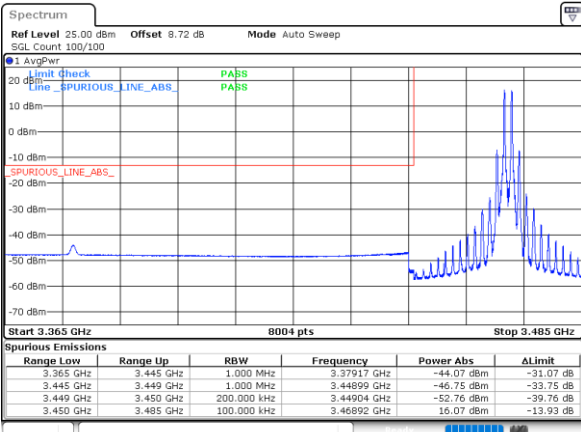
Date: 22.MAY.2024 11:39:59

Highest Band Edge / 1RB0 and 1RB74



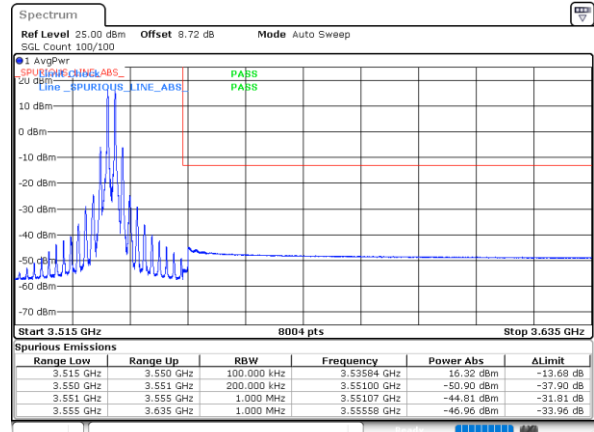
Date: 22.MAY.2024 12:00:05

Lowest Band Edge / 1RB99 and 1RB0



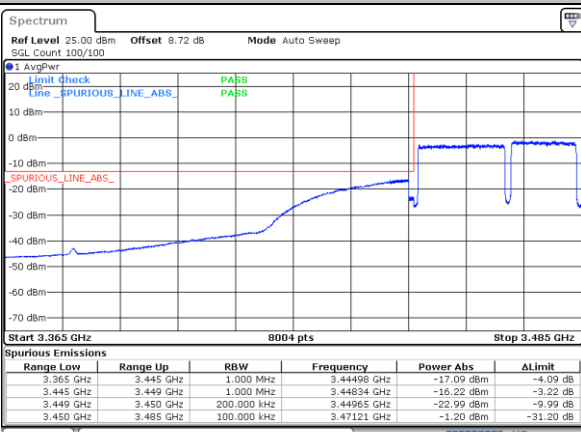
Date: 22.MAY.2024 11:31:04

Highest Band Edge / 1RB99 and 1RB0



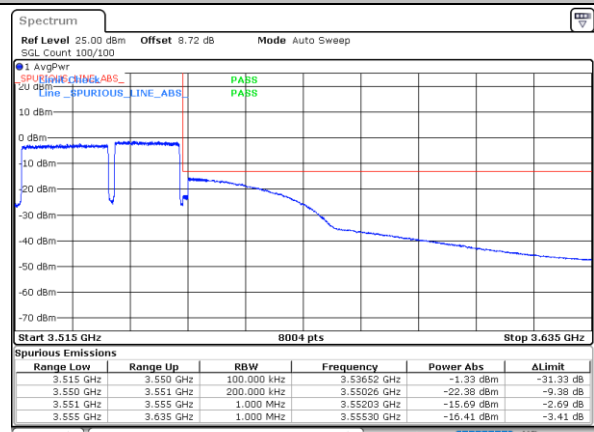
Date: 22.MAY.2024 11:51:11

Lowest Band Edge / Full RB



Date: 22.MAY.2024 11:31:04

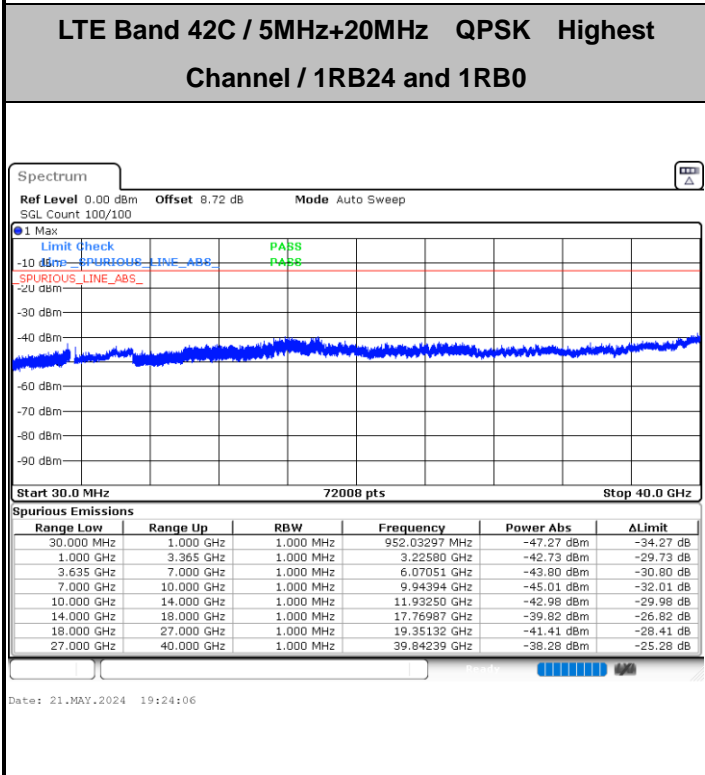
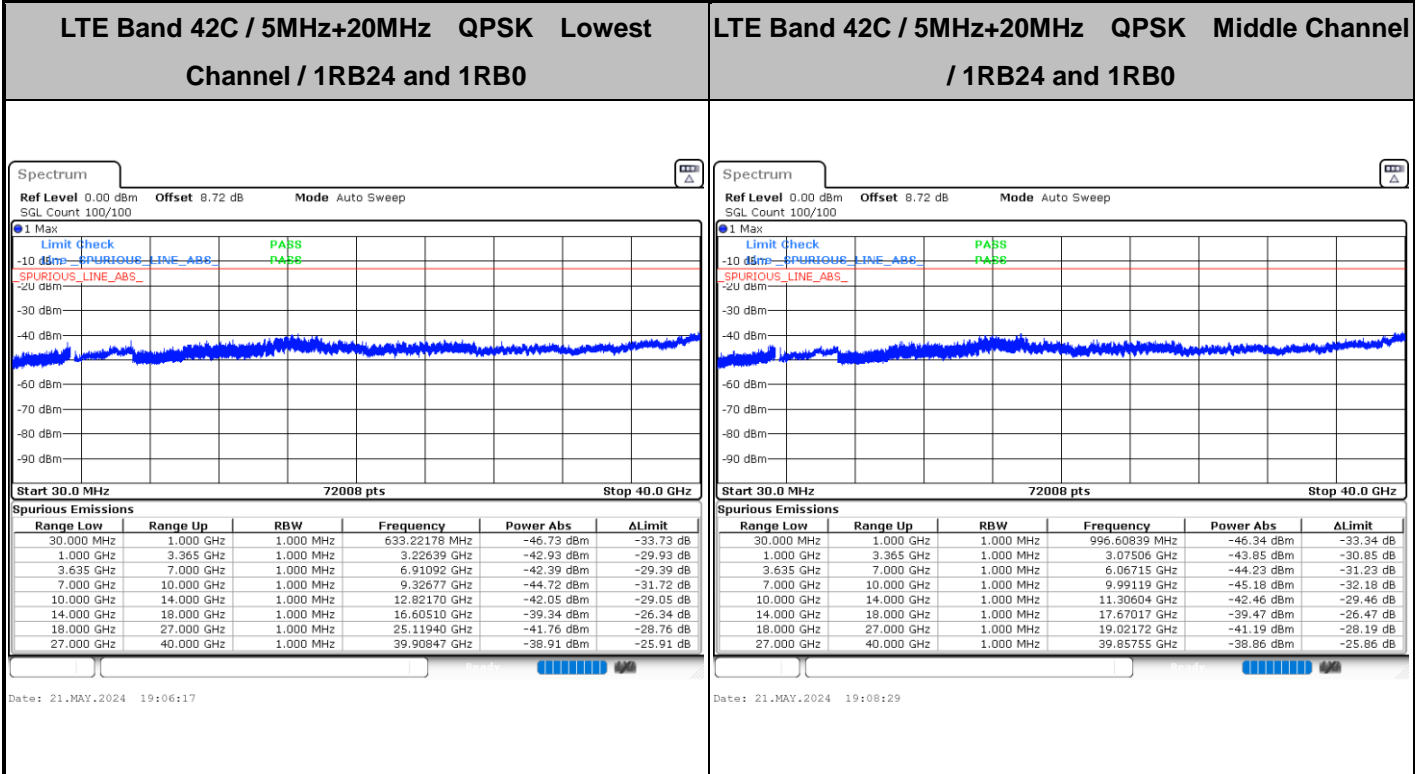
Highest Band Edge / Full RB

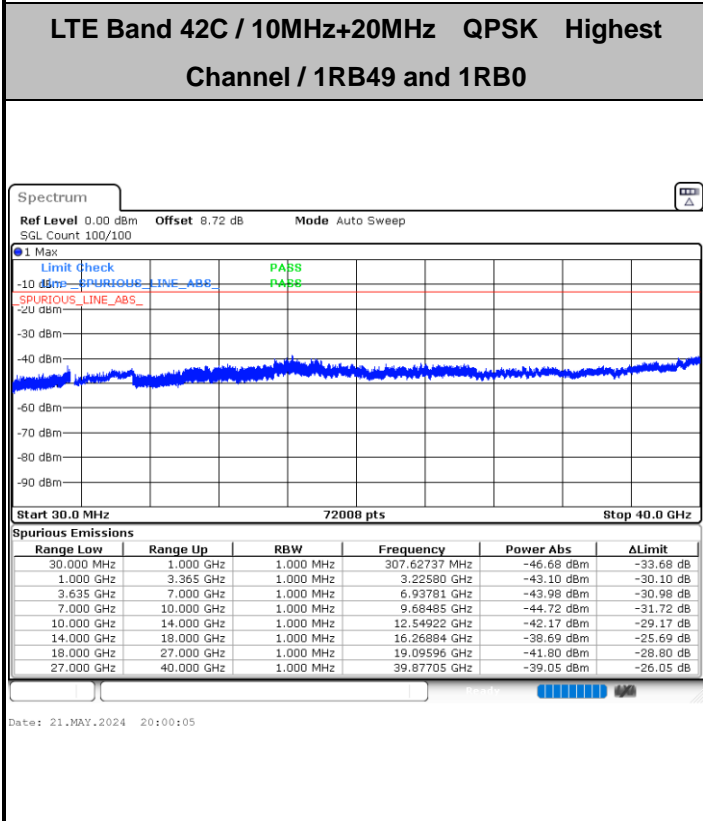
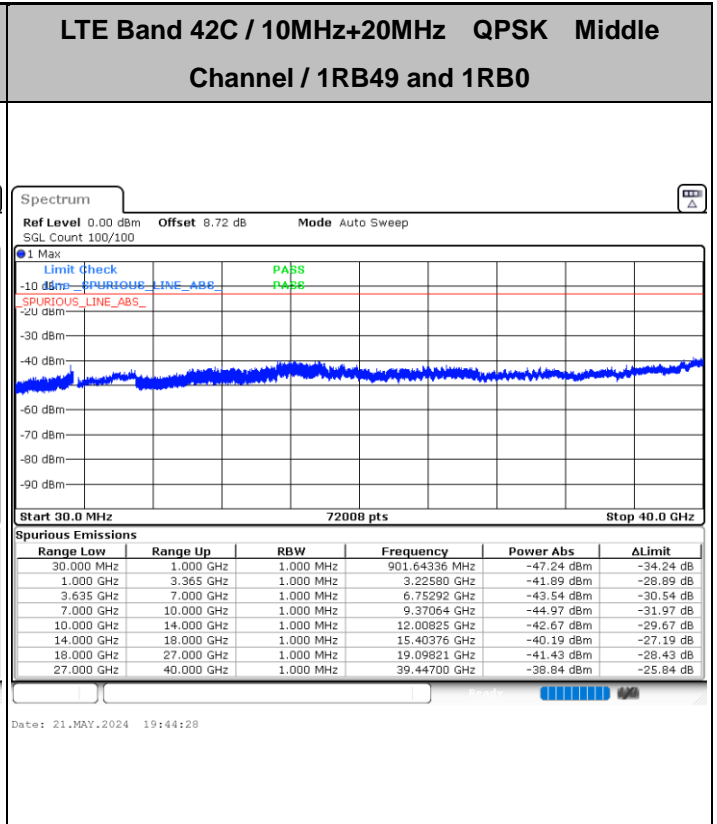
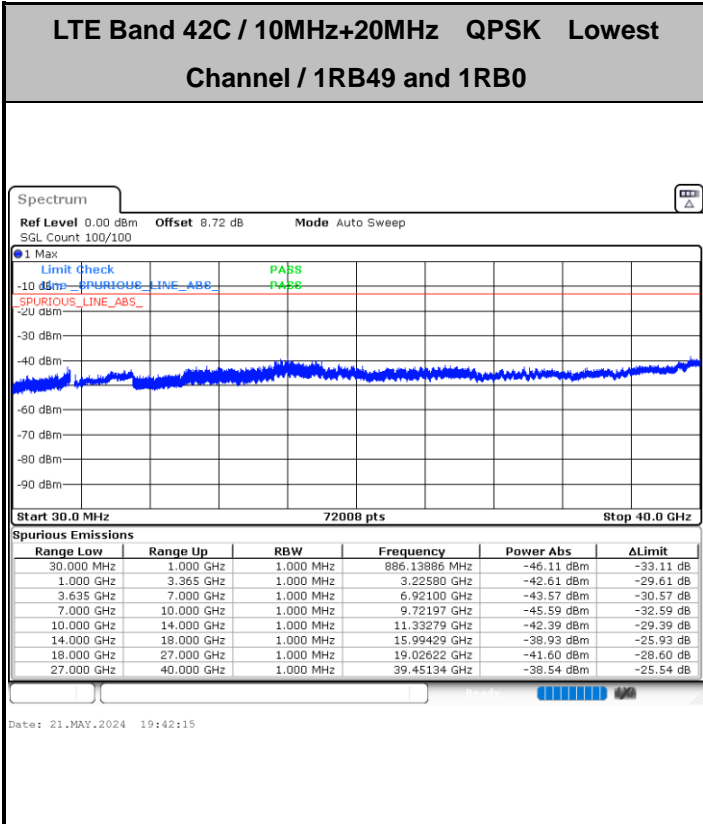


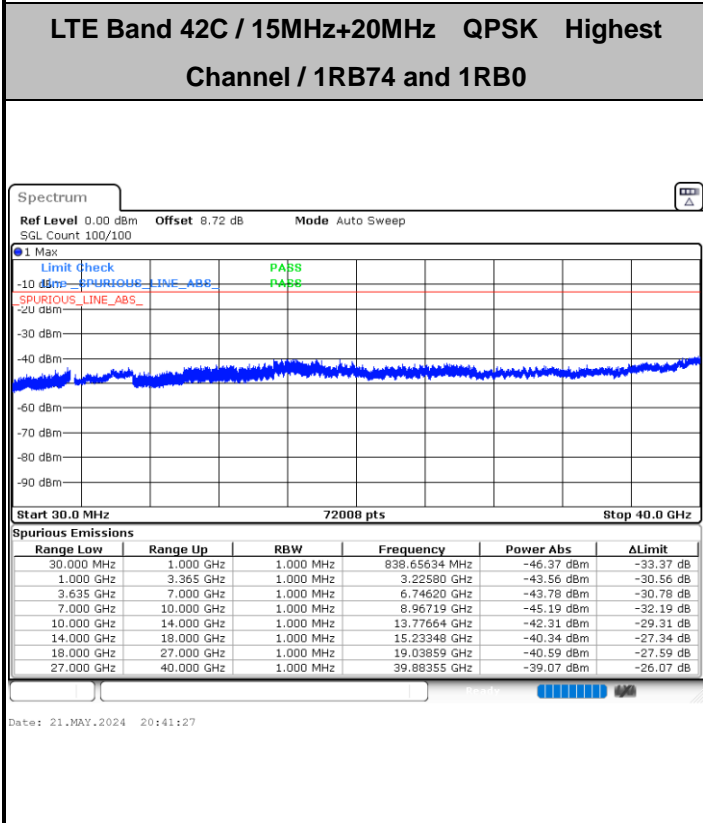
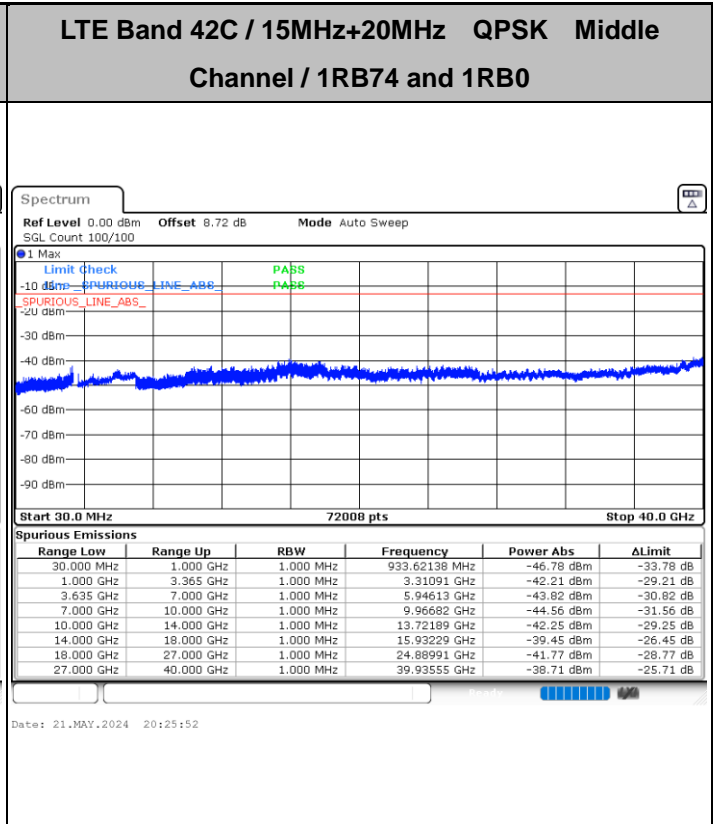
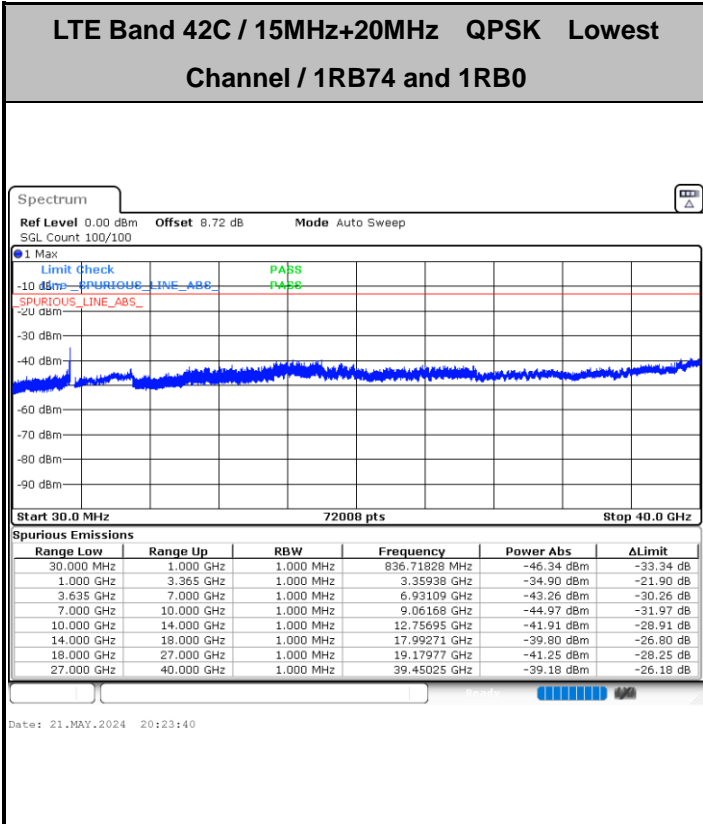
Date: 22.MAY.2024 11:51:11

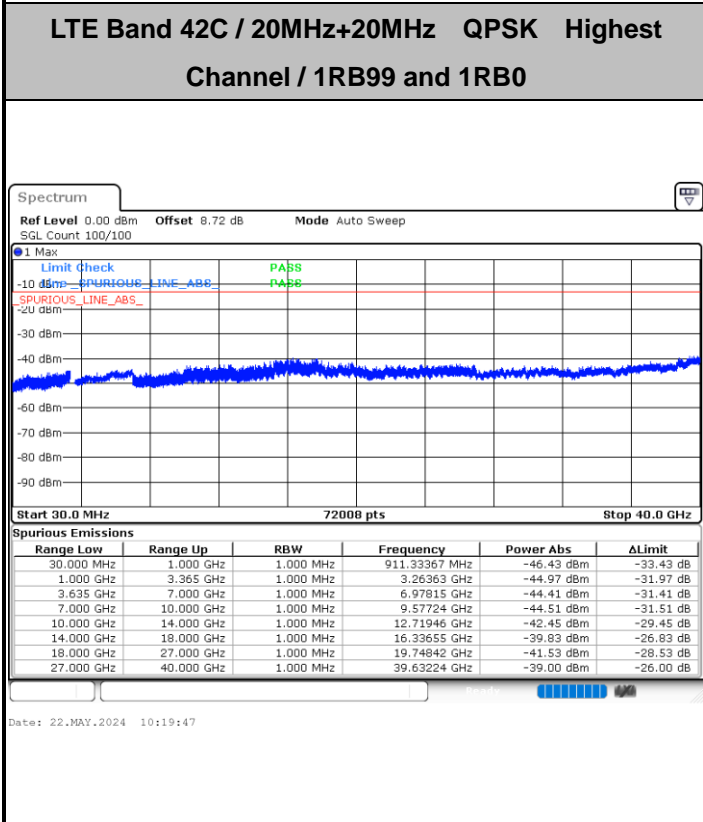
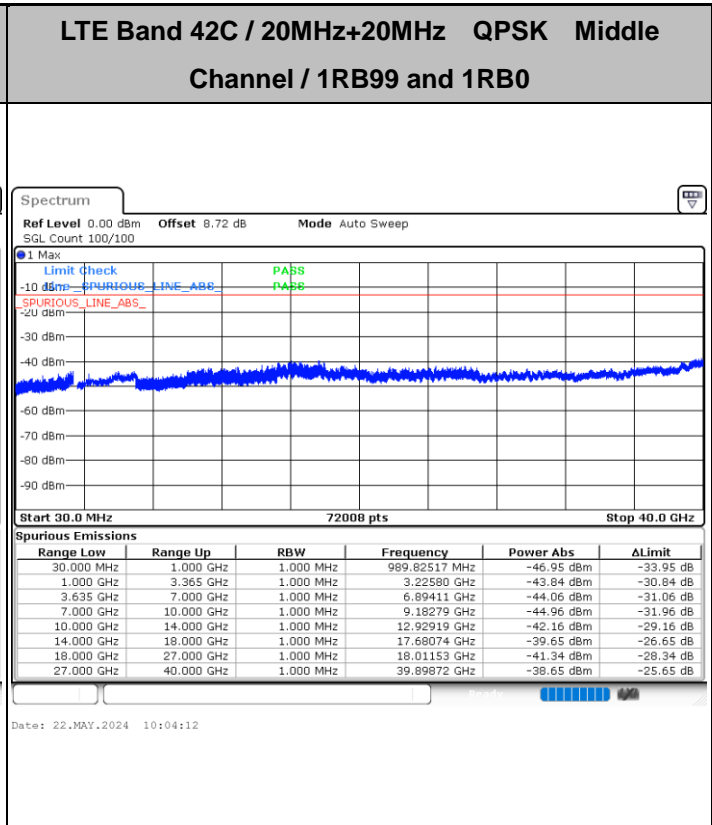
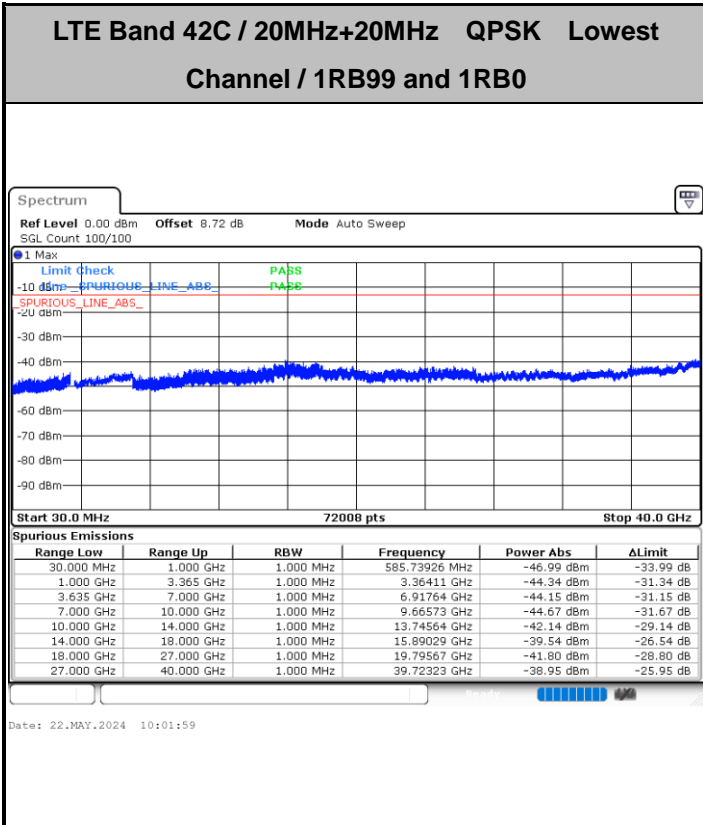


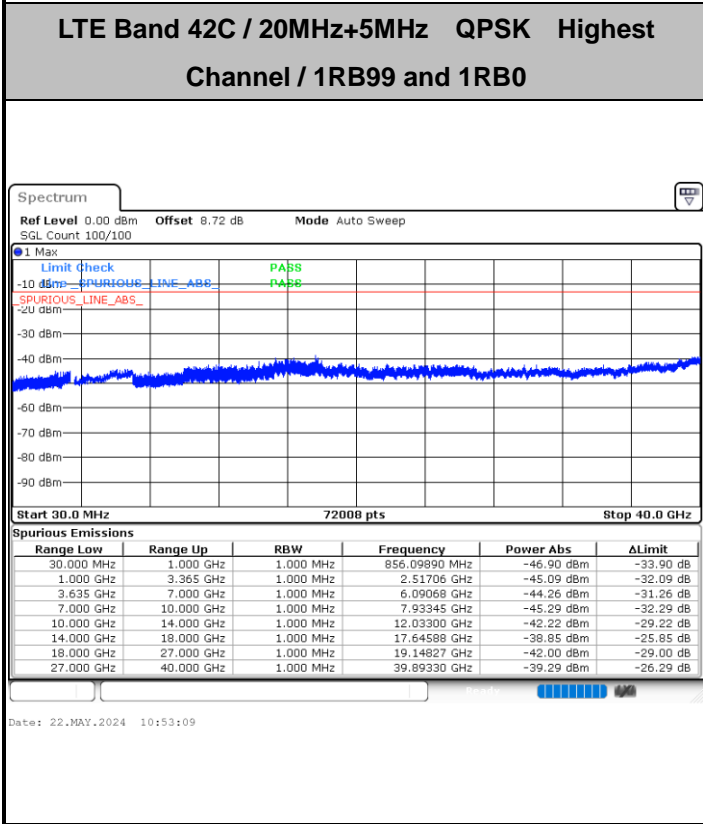
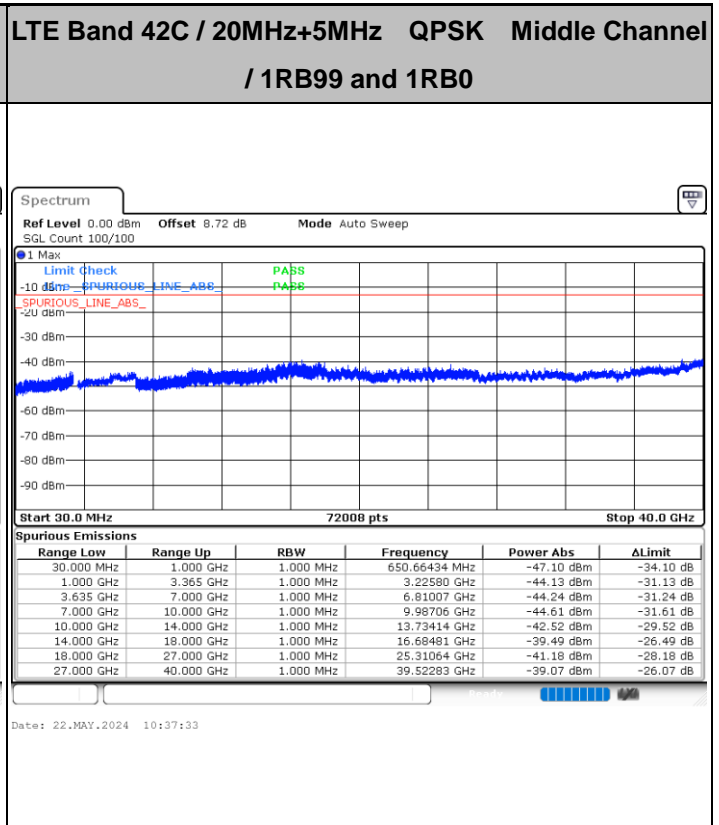
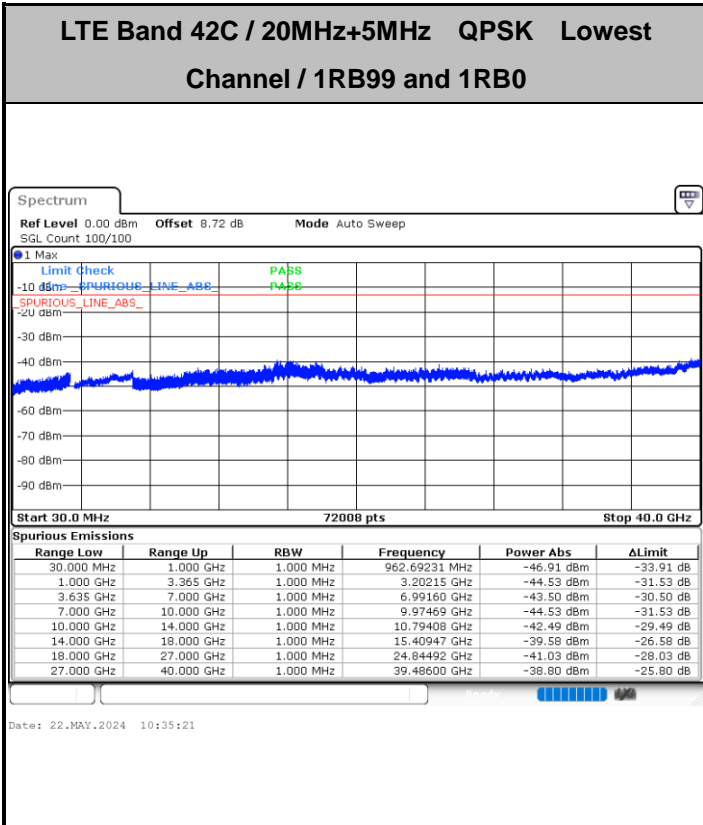
Conducted Spurious Emission

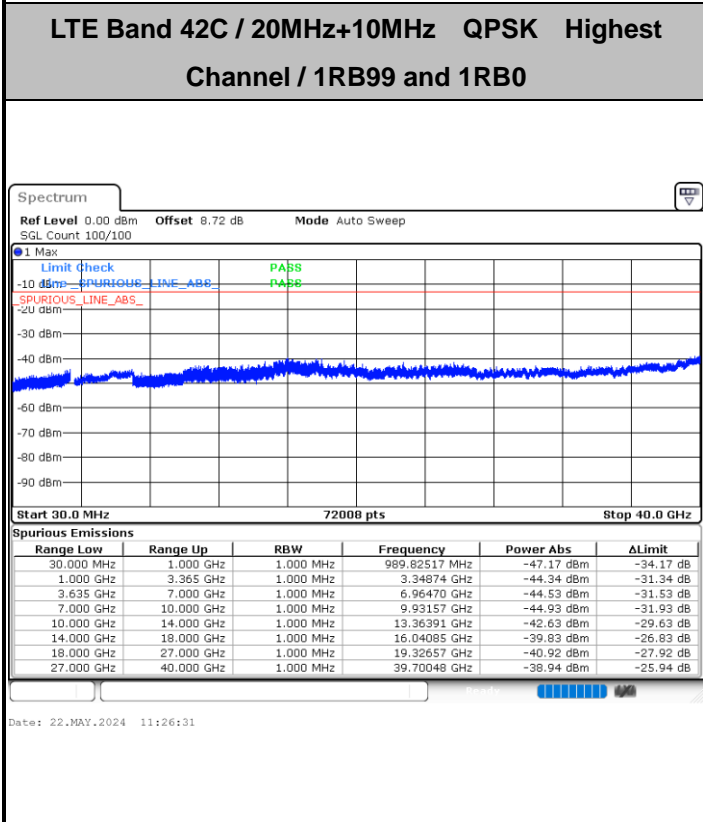
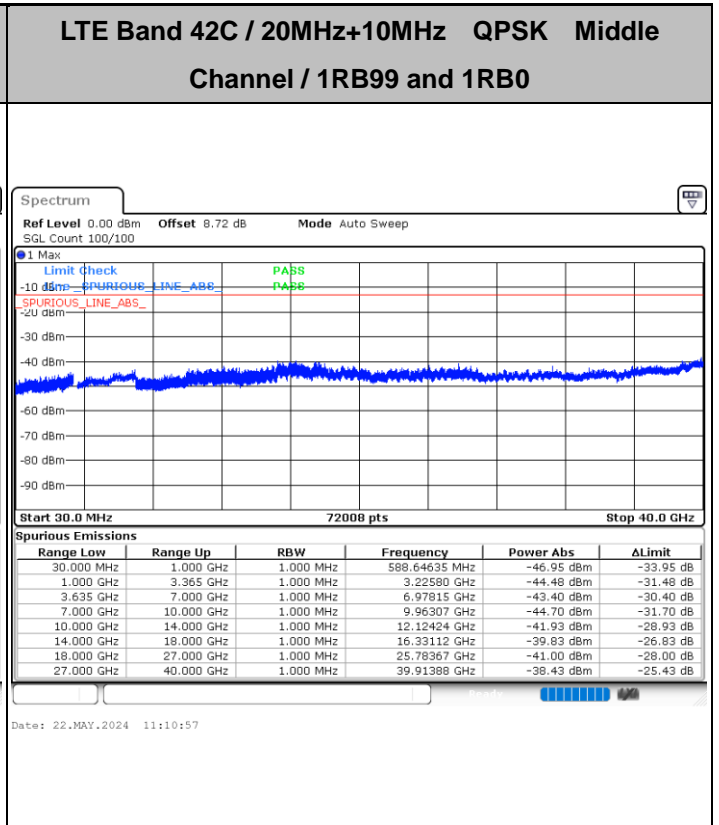
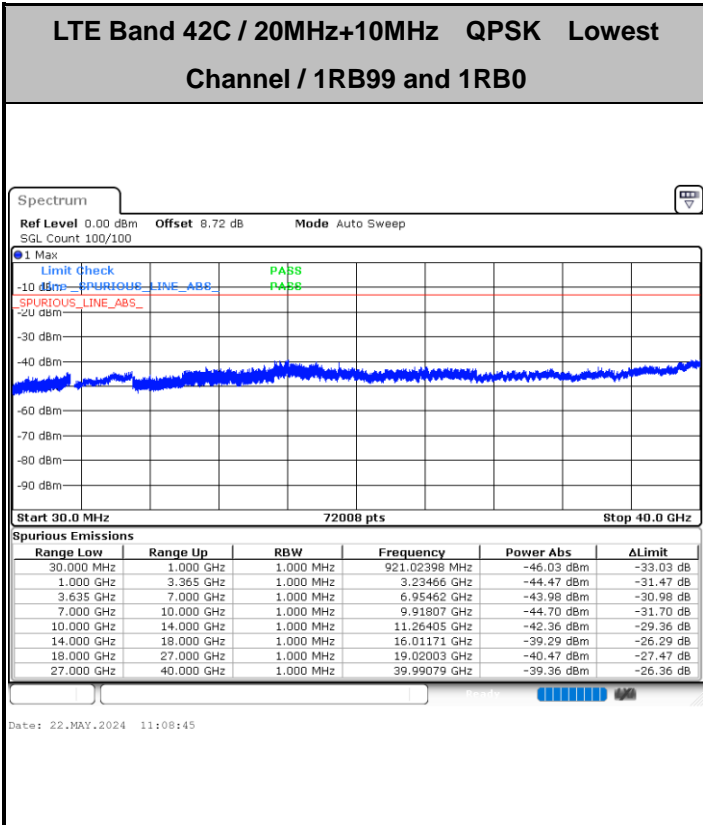








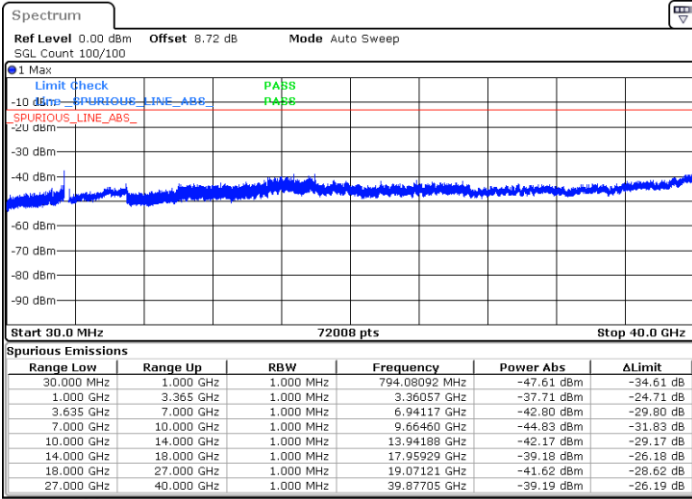




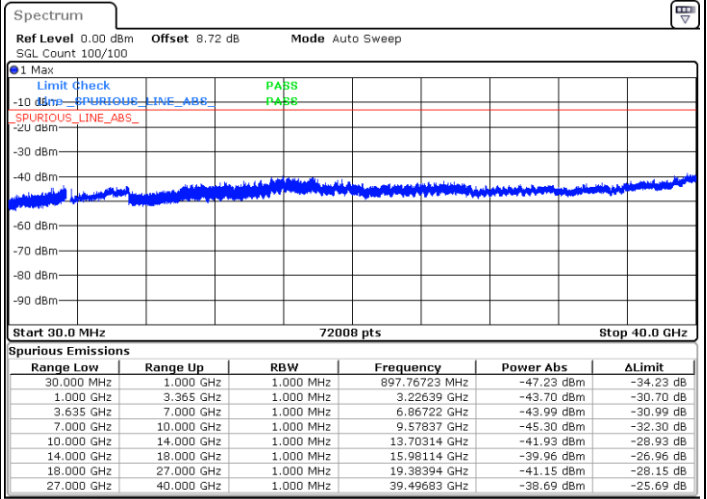


LTE Band 42C / 20MHz+15MHz QPSK Lowest Channel / 1RB99 and 1RB0

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

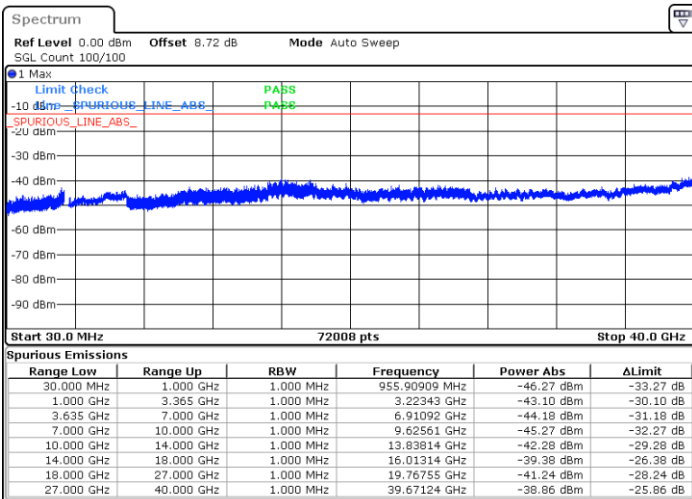


Date: 22.MAY.2024 11:42:05



Date: 22.MAY.2024 11:44:19

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



Date: 22.MAY.2024 12:02:12

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	0.0019	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0044	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0067	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0012	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =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

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	-53.74	-13	-40.74	-63.95	3.03	13.24	H
	10356	-61.17	-13	-48.17	-70.62	3.56	13.01	H
	13800	-61.58	-13	-48.58	-71.10	3.92	13.44	H
	17256	-54.28	-13	-41.28	-63.42	4.51	13.65	H
	6900	-53.40	-13	-40.40	-63.61	3.03	13.24	V
	10356	-53.42	-13	-40.42	-62.87	3.56	13.01	V
	13800	-52.11	-13	-39.11	-61.63	3.92	13.44	V
	17256	-42.85	-13	-29.85	-51.99	4.51	13.65	V
Middle	6984	-54.52	-13	-41.52	-64.73	3.03	13.24	H
	10476	-61.24	-13	-48.24	-70.69	3.56	13.01	H
	13968	-61.43	-13	-48.43	-70.95	3.92	13.44	H
	17460	-55.24	-13	-42.24	-64.38	4.51	13.65	H
	6984	-56.55	-13	-43.55	-66.76	3.03	13.24	V
	10476	-58.06	-13	-45.06	-67.51	3.56	13.01	V
	13968	-51.23	-13	-38.23	-60.75	3.92	13.44	V
	17460	-43.47	-13	-30.47	-52.61	4.51	13.65	V
Highest	7056	-51.47	-13	-38.47	-61.68	3.03	13.24	H
	10596	-61.37	-13	-48.37	-70.82	3.56	13.01	H
	14124	-61.72	-13	-48.72	-71.24	3.92	13.44	H
	17652	-53.95	-13	-40.95	-63.09	4.51	13.65	H
	7056	-55.30	-13	-42.30	-65.51	3.03	13.24	V
	10596	-60.61	-13	-47.61	-70.06	3.56	13.01	V
	14124	-49.18	-13	-36.18	-58.70	3.92	13.44	V
	17652	-42.22	-13	-29.22	-51.36	4.51	13.65	V

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



LTE Band 42C / 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)
PCC Lowest	6804	-64.33	-13	-51.33	-74.54	3.03	13.24	H
	10200	-61.59	-13	-48.59	-71.04	3.56	13.01	H
	13608	-61.59	-13	-48.59	-71.11	3.92	13.44	H
	6804	-64.48	-13	-51.48	-74.69	3.03	13.24	V
	10200	-62.23	-13	-49.23	-71.68	3.56	13.01	V
	13608	-61.41	-13	-48.41	-70.93	3.92	13.44	V
SCC Lowest	6840	-64.05	-13	-51.05	-74.26	3.03	13.24	H
	10260	-61.43	-13	-48.43	-70.88	3.56	13.01	H
	13680	-61.35	-13	-48.35	-70.87	3.92	13.44	H
	6840	-64.28	-13	-51.28	-74.49	3.03	13.24	V
	10260	-61.84	-13	-48.84	-71.29	3.56	13.01	V
	13680	-61.50	-13	-48.50	-71.02	3.92	13.44	V
PCC Middle	6960	-64.15	-13	-51.15	-74.36	3.03	13.24	H
	10440	-61.83	-13	-48.83	-71.28	3.56	13.01	H
	13920	-62.26	-13	-49.26	-71.78	3.92	13.44	H
	6960	-64.47	-13	-51.47	-74.68	3.03	13.24	V
	10440	-61.97	-13	-48.97	-71.42	3.56	13.01	V
	13920	-62.53	-13	-49.53	-72.05	3.92	13.44	V
SCC Middle	6996	-64.03	-13	-51.03	-74.24	3.03	13.24	H
	10500	-61.02	-13	-48.02	-70.47	3.56	13.01	H
	14004	-62.08	-13	-49.08	-71.60	3.92	13.44	H
	6996	-63.95	-13	-50.95	-74.16	3.03	13.24	V
	10500	-61.22	-13	-48.22	-70.67	3.56	13.01	V
	14004	-62.11	-13	-49.11	-71.63	3.92	13.44	V
PCC Highest	7128	-63.76	-13	-50.76	-73.97	3.03	13.24	H
	10680	-61.10	-13	-48.10	-70.55	3.56	13.01	H
	14244	-61.44	-13	-48.44	-70.96	3.92	13.44	H
	7128	-63.25	-13	-50.25	-73.46	3.03	13.24	V
	10680	-61.36	-13	-48.36	-70.81	3.56	13.01	V
	14244	-61.88	-13	-48.88	-71.40	3.92	13.44	V
SCC Highest	7164	-63.69	-13	-50.69	-73.90	3.03	13.24	H
	10740	-61.65	-13	-48.65	-71.10	3.56	13.01	H
	14328	-61.14	-13	-48.14	-70.66	3.92	13.44	H
	7164	-63.22	-13	-50.22	-73.43	3.03	13.24	V
	10740	-61.14	-13	-48.14	-70.59	3.56	13.01	V
	14328	-60.98	-13	-47.98	-70.50	3.92	13.44	V

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