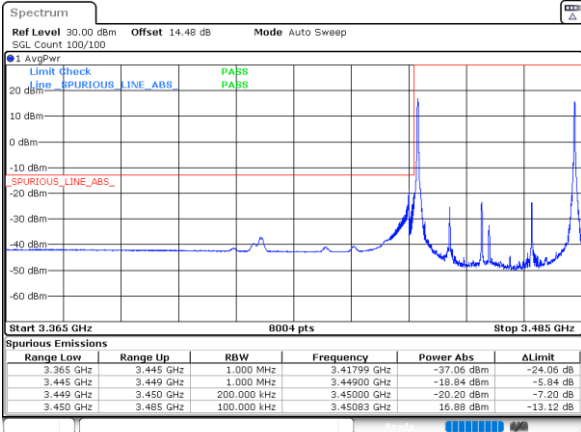




LTE Band 42C / 15MHz+20MHz

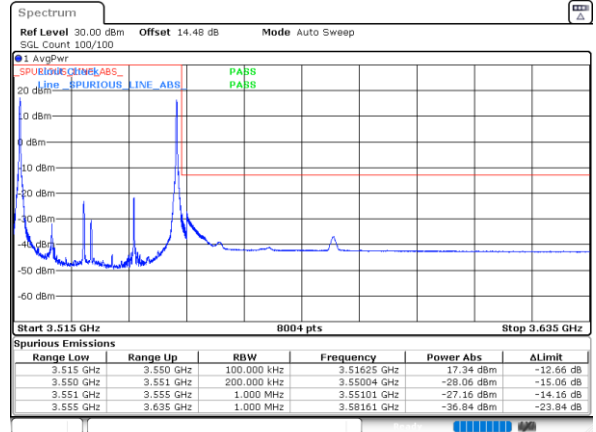
QPSK

Lowest Band Edge / 1RB0 and 1RB9



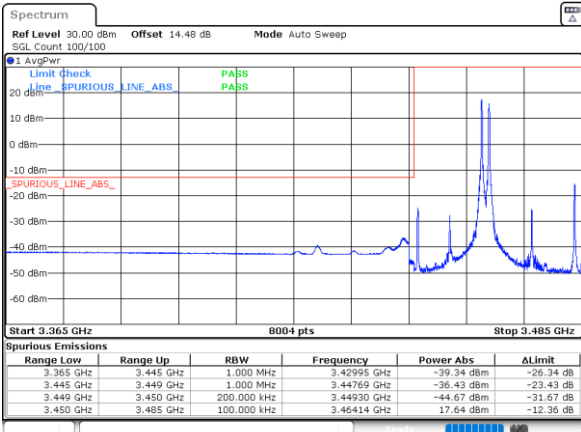
Date: 31.OCT.2023 16:32:08

Highest Band Edge / 1RB0 and 1RB9



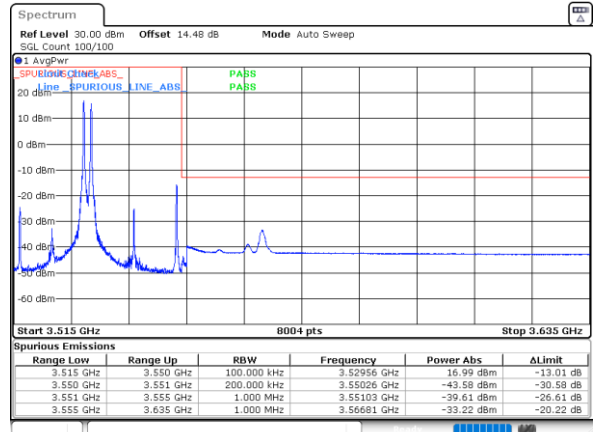
Date: 31.OCT.2023 16:51:59

Lowest Band Edge / 1RB74 and 1RB0



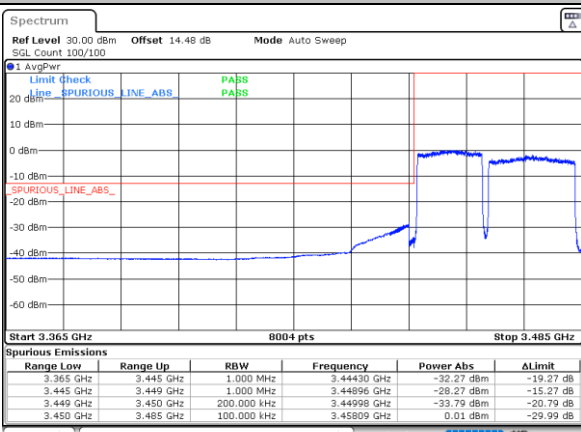
Date: 31.OCT.2023 16:26:26

Highest Band Edge / 1RB74 and 1RB0



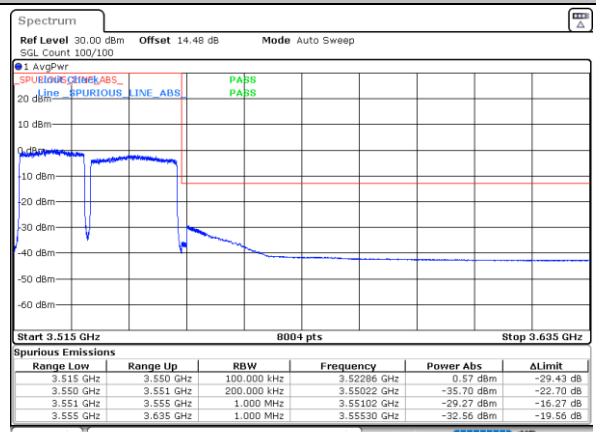
Date: 31.OCT.2023 16:46:19

Lowest Band Edge / Full RB



Date: 31.OCT.2023 16:29:17

Highest Band Edge / Full RB



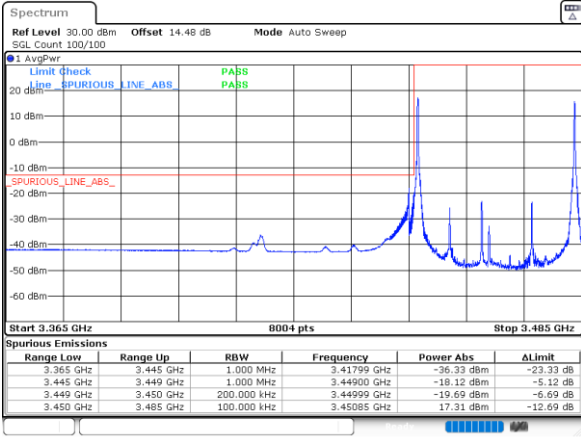
Date: 31.OCT.2023 16:49:09



LTE Band 42C / 15MHz+20MHz

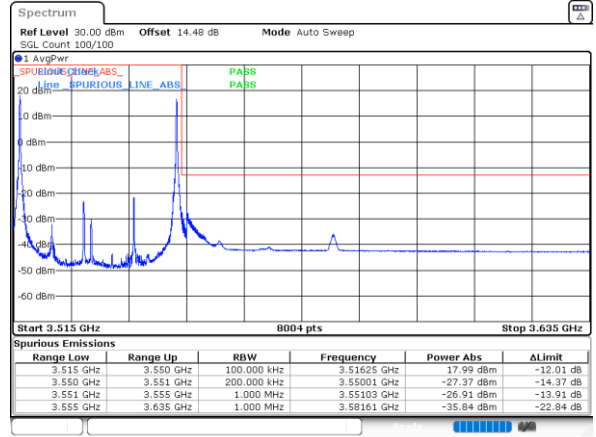
16QAM

Lowest Band Edge / 1RB0 and 1RB9



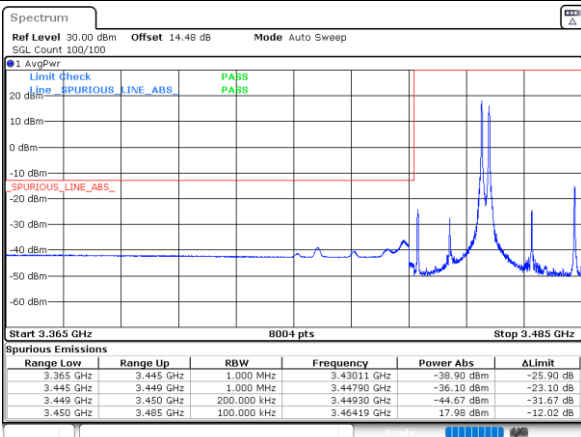
Date: 31.OCT.2023 16:33:05

Highest Band Edge / 1RB0 and 1RB9



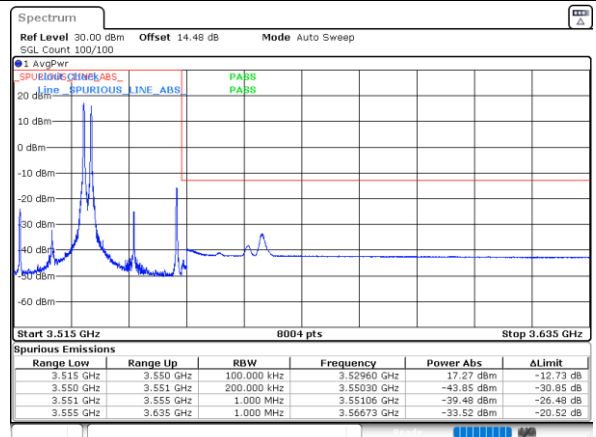
Date: 31.OCT.2023 16:52:56

Lowest Band Edge / 1RB74 and 1RB0



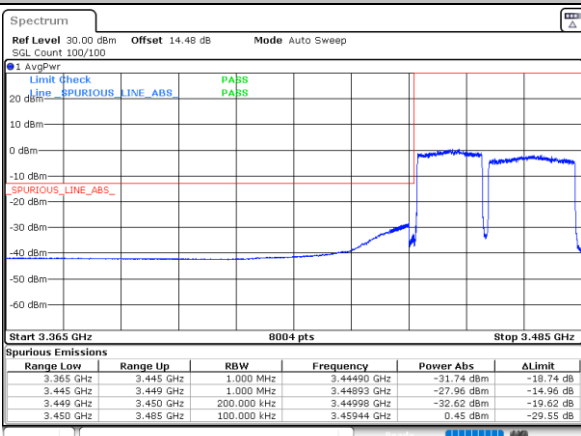
Date: 31.OCT.2023 16:27:23

Highest Band Edge / 1RB74 and 1RB0



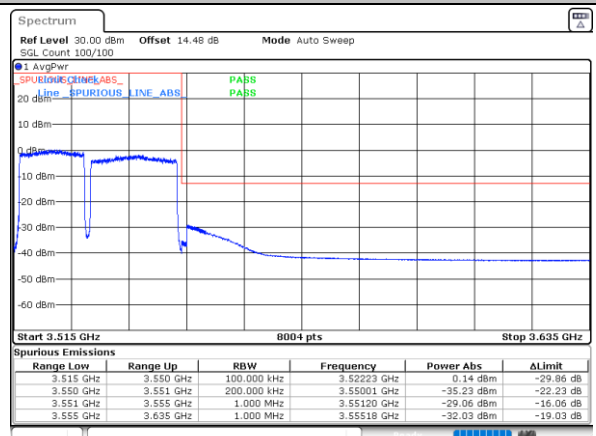
Date: 31.OCT.2023 16:47:16

Lowest Band Edge / Full RB



Date: 31.OCT.2023 16:30:14

Highest Band Edge / Full RB



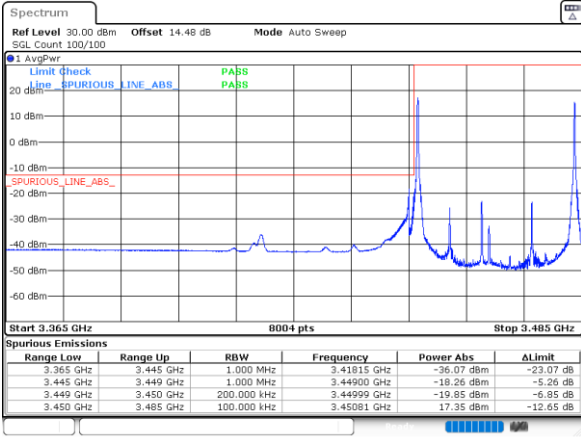
Date: 31.OCT.2023 16:50:06



LTE Band 42C / 15MHz+20MHz

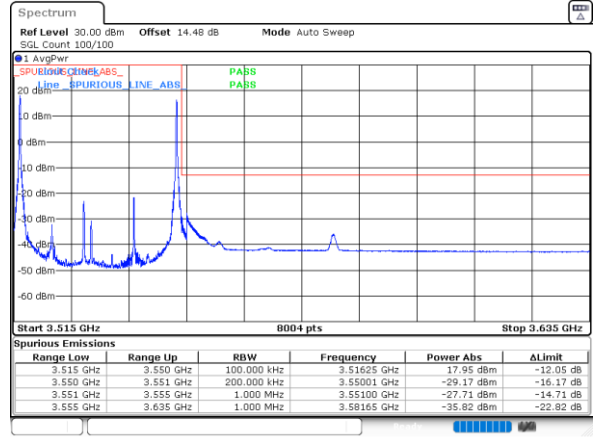
64QAM

Lowest Band Edge / 1RB0 and 1RB99



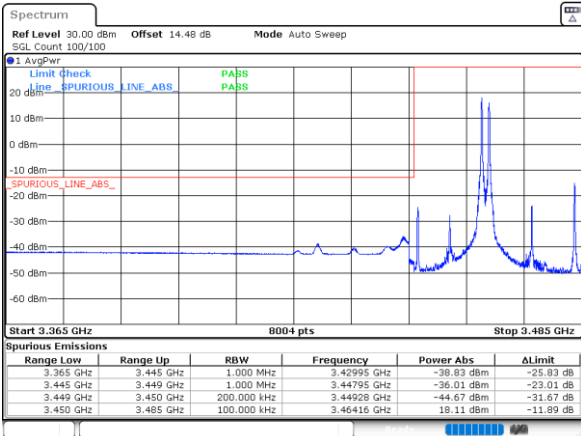
Date: 31.OCT.2023 16:34:02

Highest Band Edge / 1RB0 and 1RB99



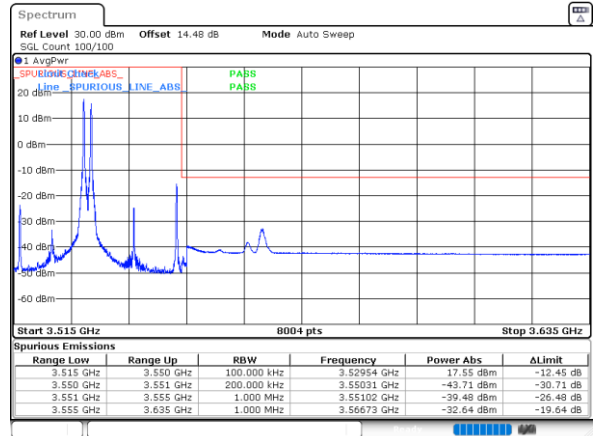
Date: 31.OCT.2023 16:53:52

Lowest Band Edge / 1RB74 and 1RB0



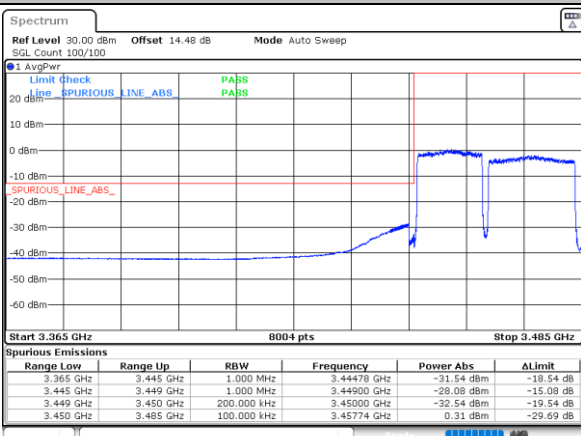
Date: 31.OCT.2023 16:28:20

Highest Band Edge / 1RB74 and 1RB0



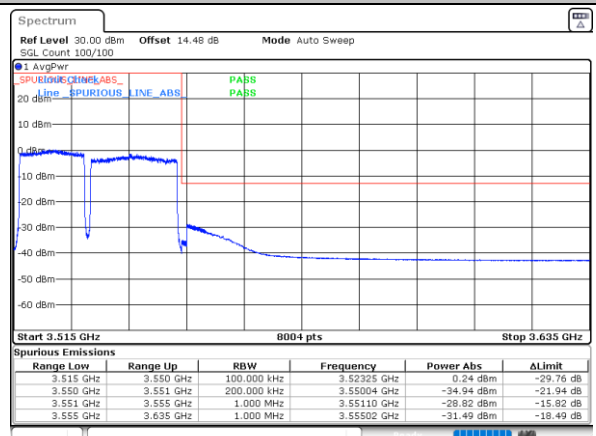
Date: 31.OCT.2023 16:48:12

Lowest Band Edge / Full RB



Date: 31.OCT.2023 16:31:11

Highest Band Edge / Full RB



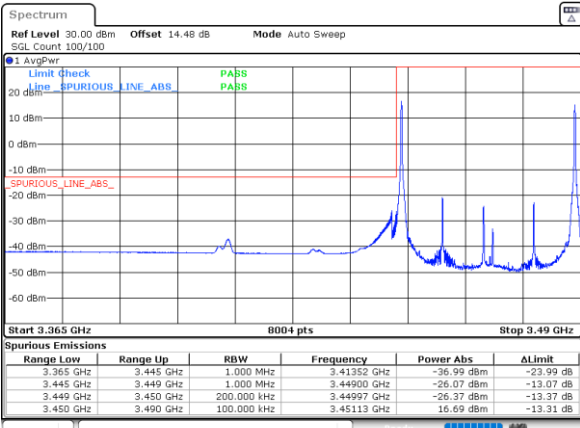
Date: 31.OCT.2023 16:51:02



LTE Band 42C / 20MHz+20MHz

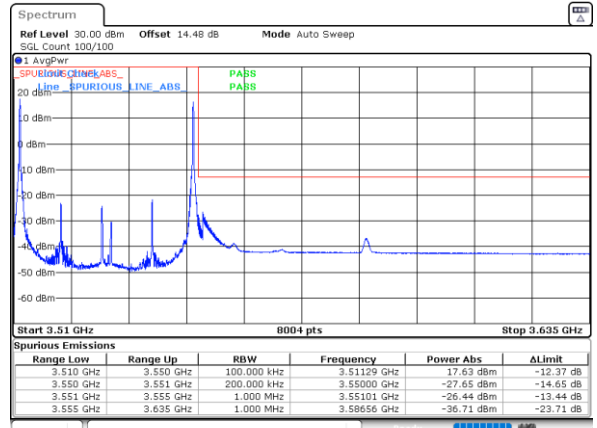
QPSK

Lowest Band Edge / 1RB0 and 1RB9



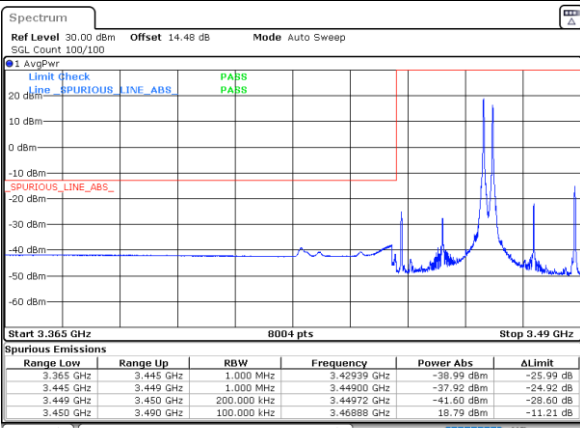
Date: 31.OCT.2023 17:30:15

Highest Band Edge / 1RB0 and 1RB9



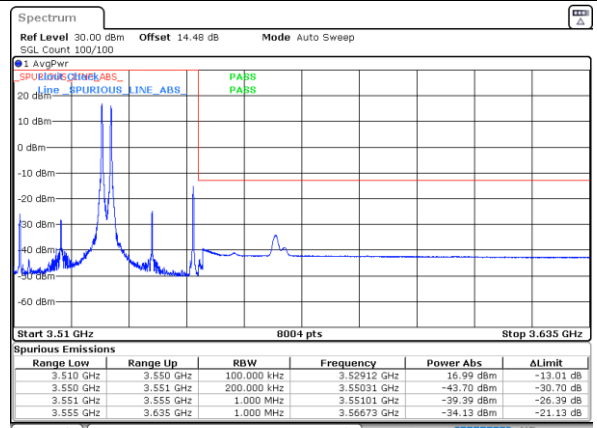
Date: 31.OCT.2023 17:59:02

Lowest Band Edge / 1RB99 and 1RB0



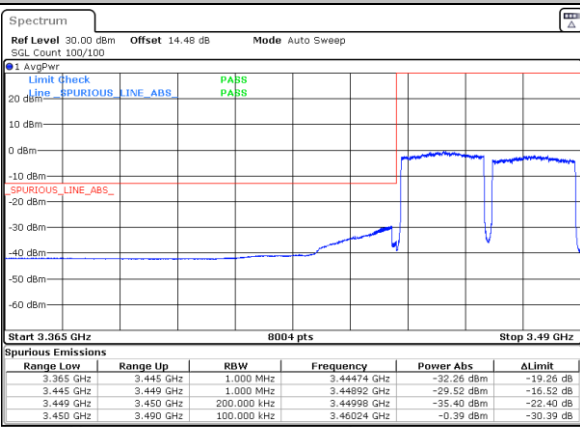
Date: 31.OCT.2023 17:15:31

Highest Band Edge / 1RB99 and 1RB0



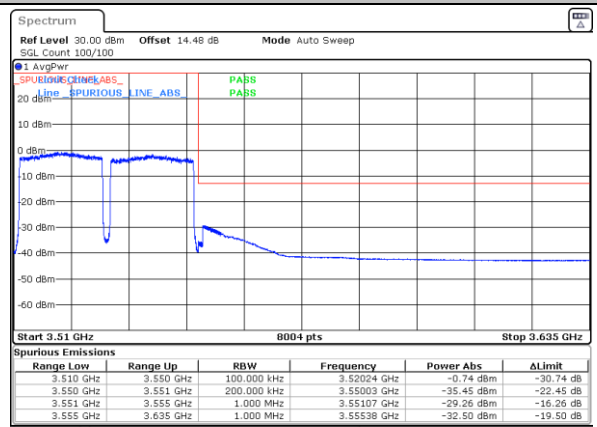
Date: 31.OCT.2023 17:44:19

Lowest Band Edge / Full RB



Date: 31.OCT.2023 17:22:54

Highest Band Edge / Full RB



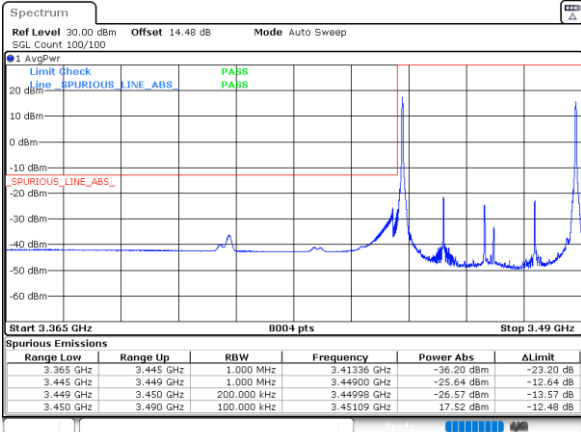
Date: 31.OCT.2023 17:51:40



LTE Band 42C / 20MHz+20MHz

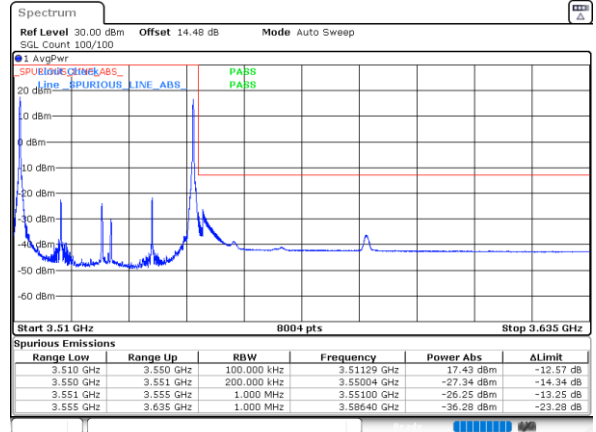
16QAM

Lowest Band Edge / 1RB0 and 1RB9



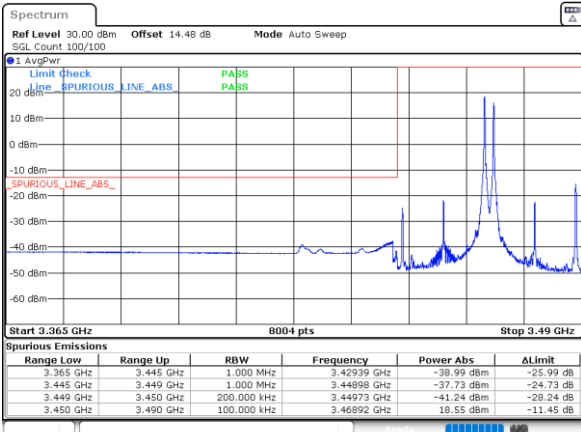
Date: 31.OCT.2023 17:32:42

Highest Band Edge / 1RB0 and 1RB9



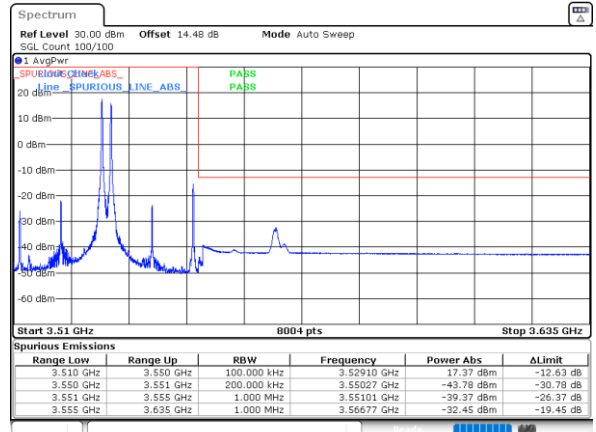
Date: 31.OCT.2023 18:01:28

Lowest Band Edge / 1RB99 and 1RB0



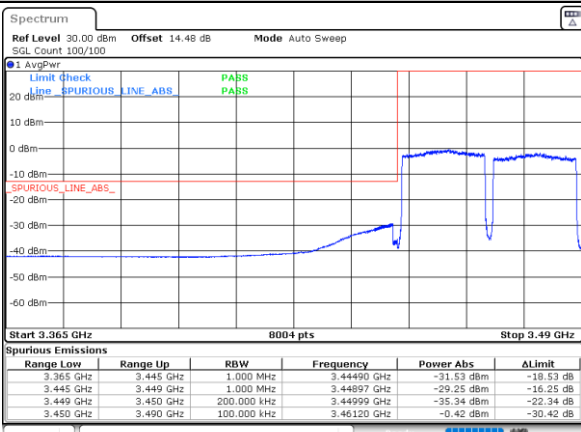
Date: 31.OCT.2023 17:17:58

Highest Band Edge / 1RB99 and 1RB0



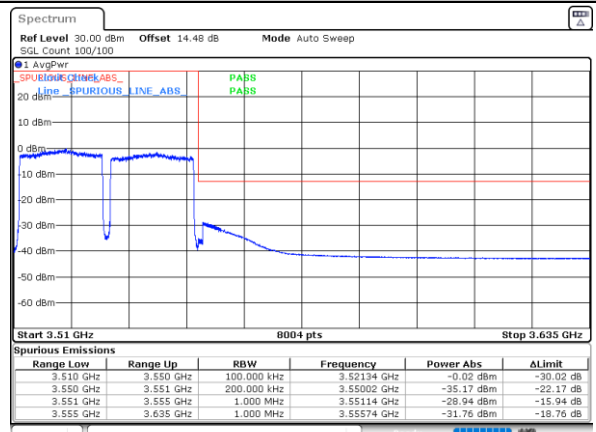
Date: 31.OCT.2023 17:46:46

Lowest Band Edge / Full RB



Date: 31.OCT.2023 17:25:21

Highest Band Edge / Full RB



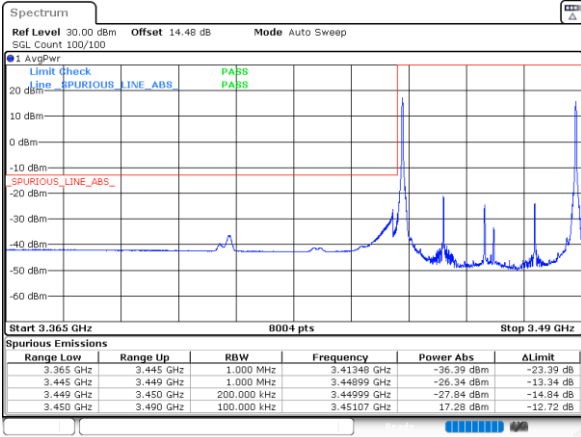
Date: 31.OCT.2023 17:54:07



LTE Band 42C / 20MHz+20MHz

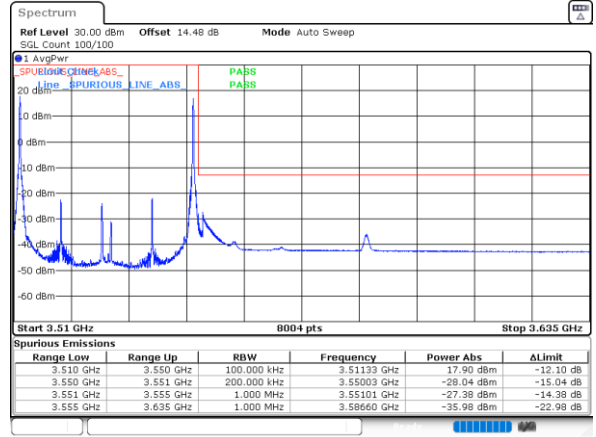
64QAM

Lowest Band Edge / 1RB0 and 1RB9



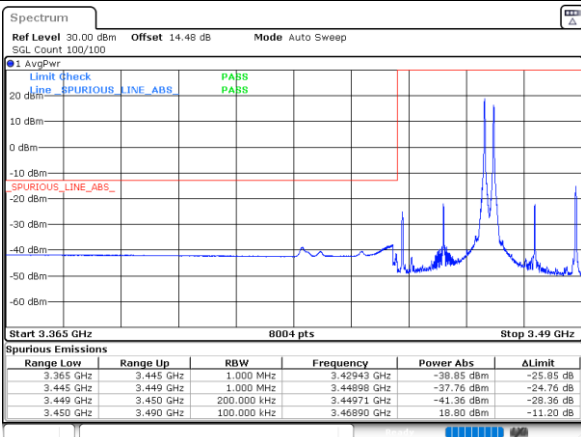
Date: 31.OCT.2023 17:35:09

Highest Band Edge / 1RB0 and 1RB9



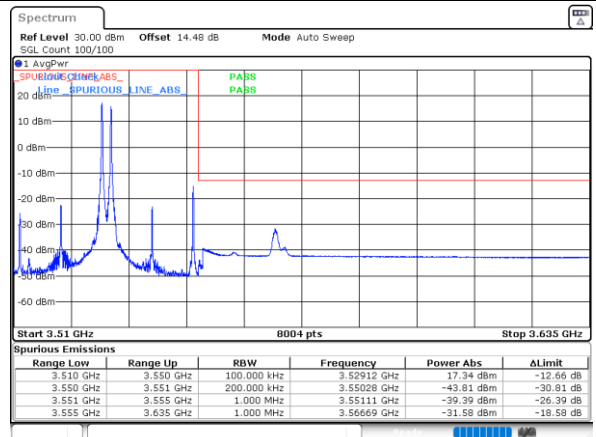
Date: 31.OCT.2023 18:03:55

Lowest Band Edge / 1RB99 and 1RB0



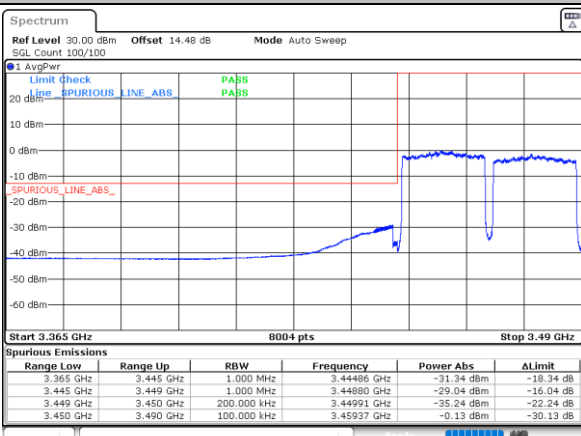
Date: 31.OCT.2023 17:20:26

Highest Band Edge / 1RB99 and 1RB0



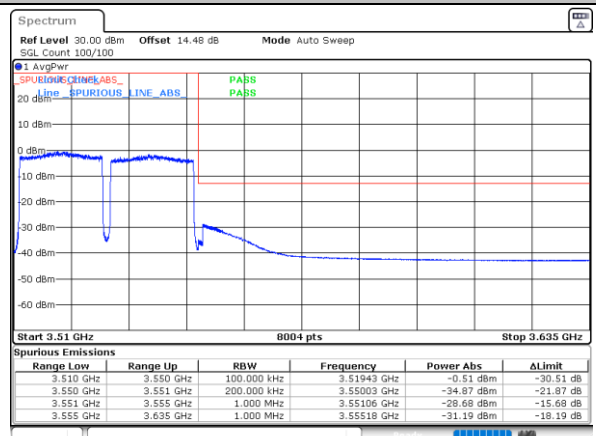
Date: 31.OCT.2023 17:49:13

Lowest Band Edge / Full RB



Date: 31.OCT.2023 17:27:48

Highest Band Edge / Full RB



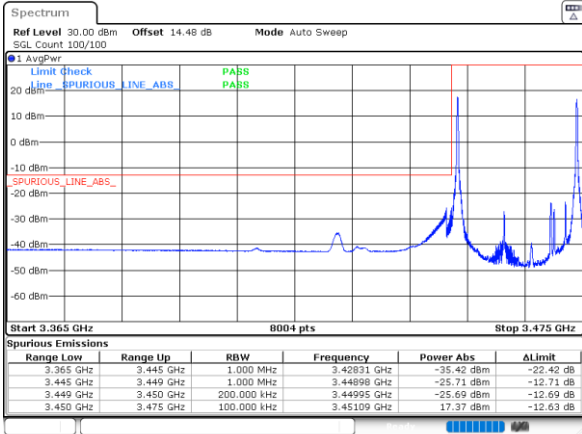
Date: 31.OCT.2023 17:56:34



LTE Band 42C / 20MHz+5MHz

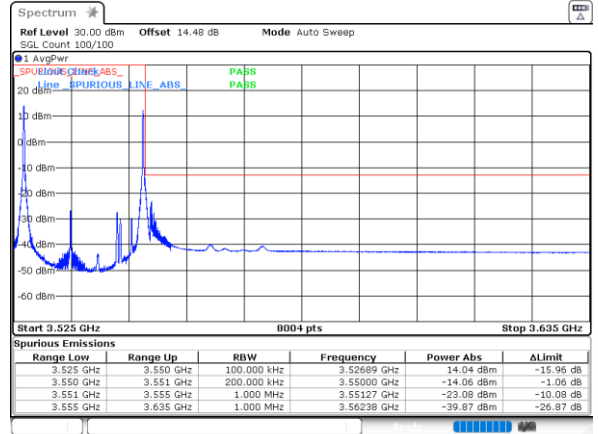
QPSK

Lowest Band Edge / 1RB0 and 1RB24



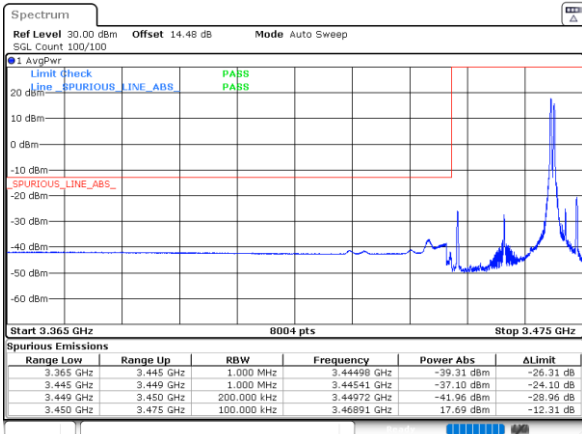
Date: 1.NOV.2023 09:00:34

Highest Band Edge / 1RB0 and 1RB24



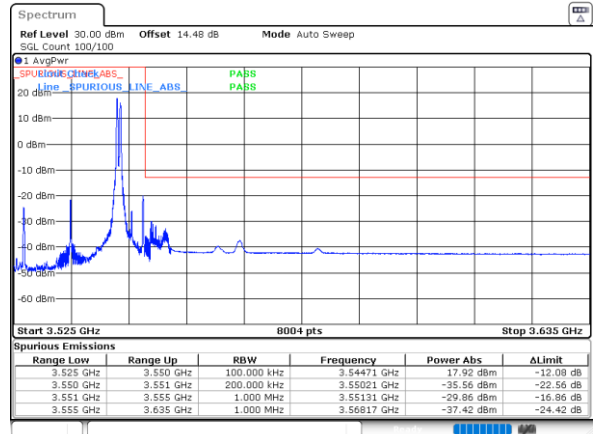
Date: 1.NOV.2023 13:12:39

Lowest Band Edge / 1RB99 and 1RB0



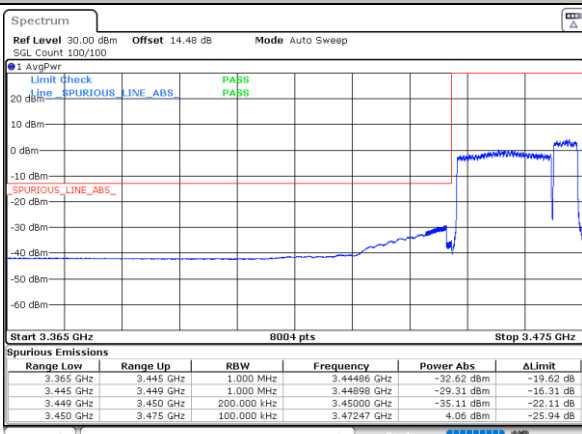
Date: 1.NOV.2023 08:45:51

Highest Band Edge / 1RB99 and 1RB0



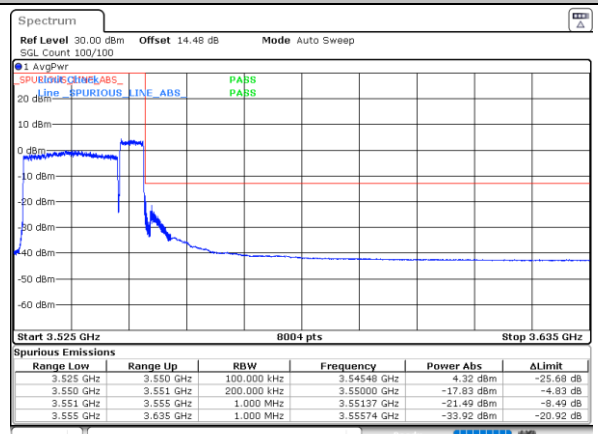
Date: 1.NOV.2023 09:19:12

Lowest Band Edge / Full RB



Date: 1.NOV.2023 08:53:13

Highest Band Edge / Full RB



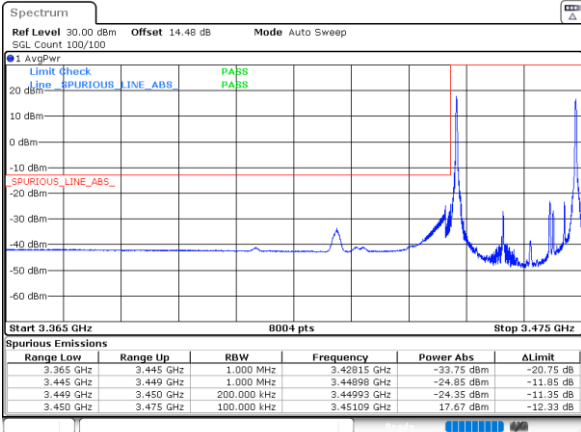
Date: 1.NOV.2023 09:26:33



LTE Band 42C / 20MHz+5MHz

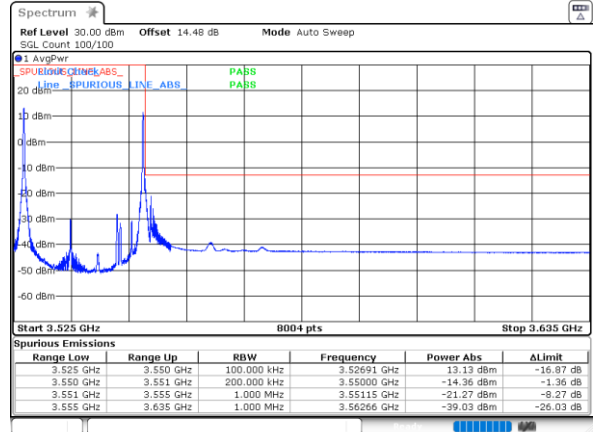
16QAM

Lowest Band Edge / 1RB0 and 1RB24



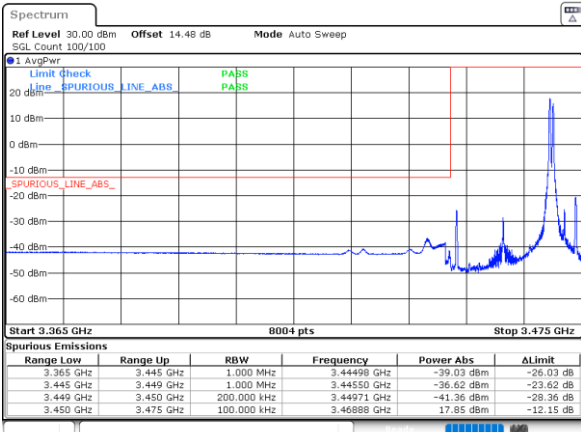
Date: 1.NOV.2023 09:03:00

Highest Band Edge / 1RB0 and 1RB24



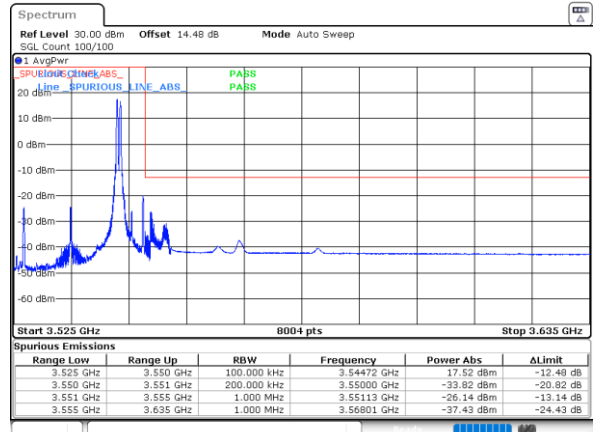
Date: 1.NOV.2023 13:15:55

Lowest Band Edge / 1RB99 and 1RB0



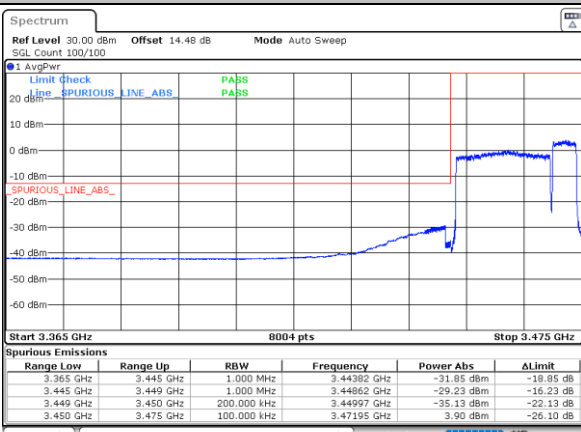
Date: 1.NOV.2023 08:48:18

Highest Band Edge / 1RB99 and 1RB0



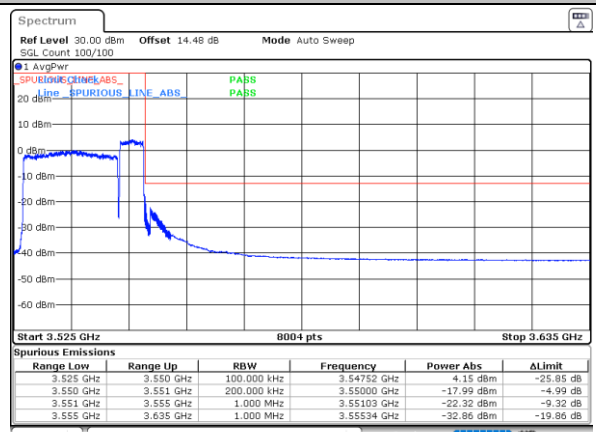
Date: 1.NOV.2023 09:21:39

Lowest Band Edge / Full RB



Date: 1.NOV.2023 08:55:40

Highest Band Edge / Full RB



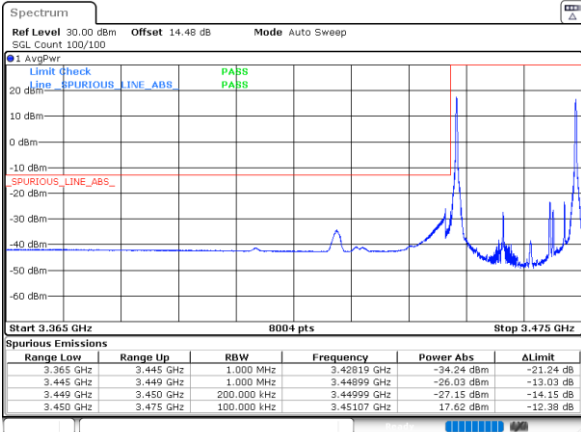
Date: 1.NOV.2023 09:29:00



LTE Band 42C / 20MHz+5MHz

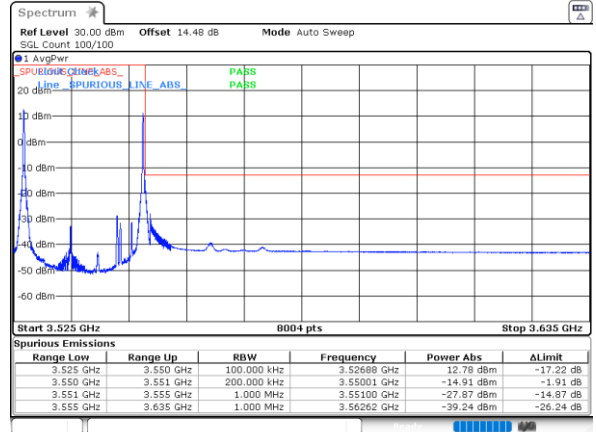
64QAM

Lowest Band Edge / 1RB0 and 1RB24



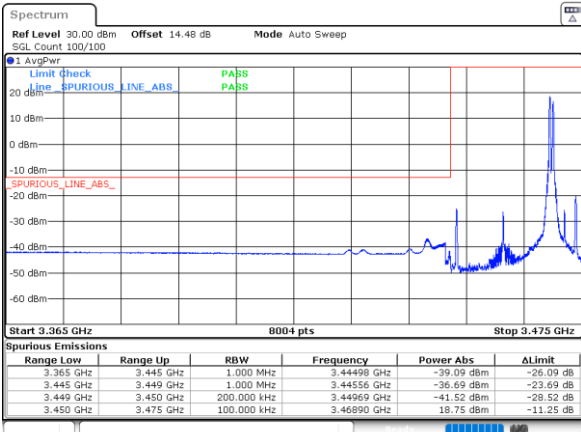
Date: 1.NOV.2023 09:05:28

Highest Band Edge / 1RB0 and 1RB24



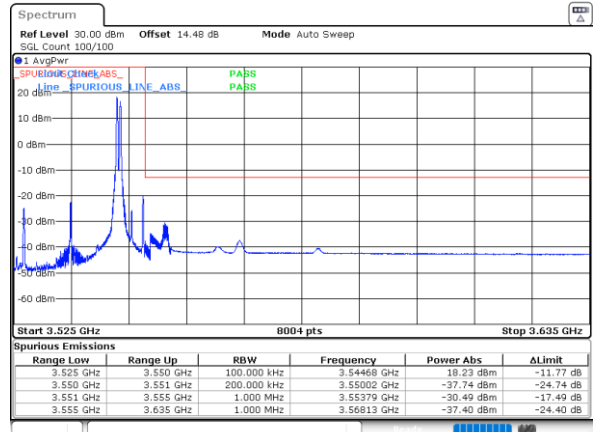
Date: 1.NOV.2023 13:22:56

Lowest Band Edge / 1RB99 and 1RB0



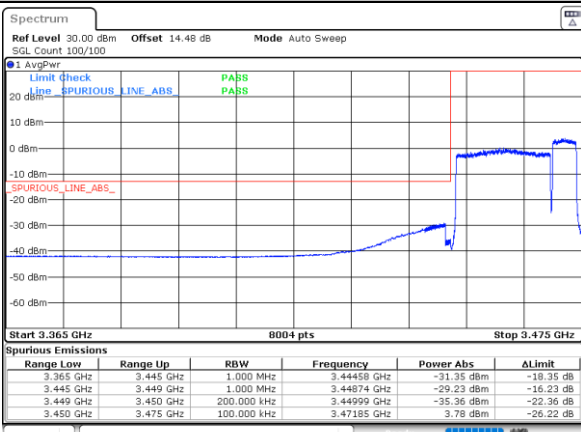
Date: 1.NOV.2023 08:50:45

Highest Band Edge / 1RB99 and 1RB0



Date: 1.NOV.2023 09:24:06

Lowest Band Edge / Full RB



Date: 1.NOV.2023 08:58:06

Highest Band Edge / Full RB



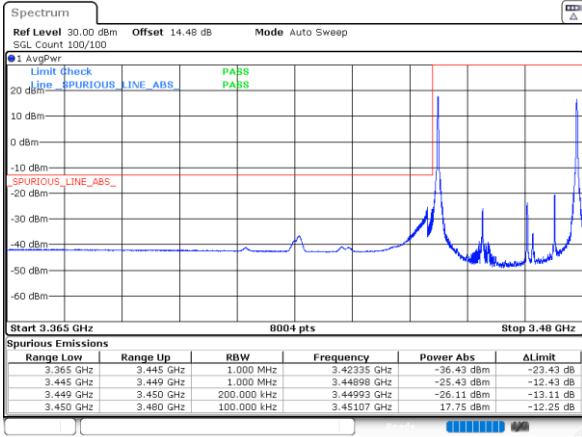
Date: 1.NOV.2023 09:31:27



LTE Band 42C / 20MHz+10MHz

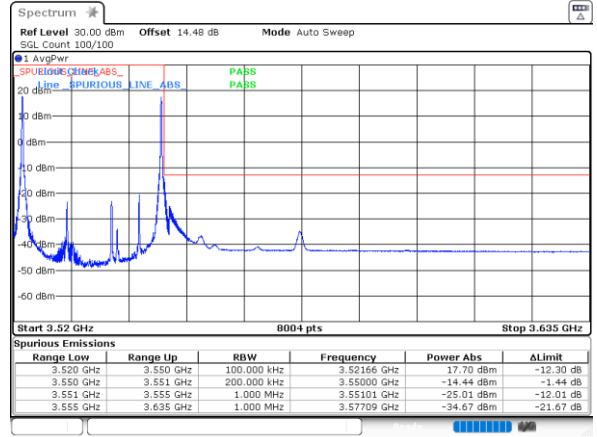
QPSK

Lowest Band Edge / 1RB0 and 1RB49



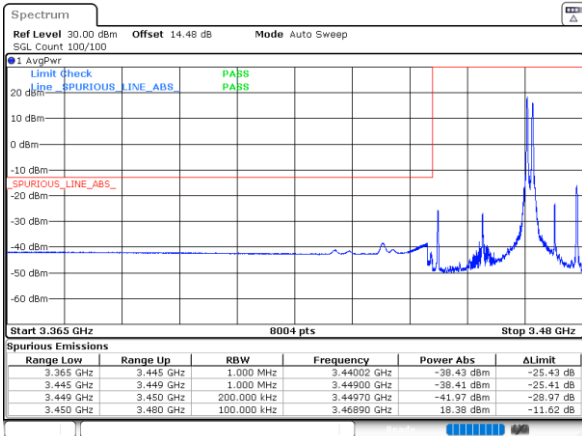
Date: 1.NOV.2023 10:00:32

Highest Band Edge / 1RB0 and 1RB49



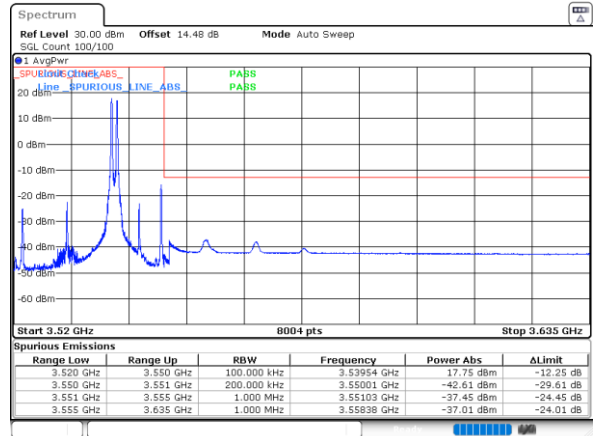
Date: 1.NOV.2023 12:40:35

Lowest Band Edge / 1RB99 and 1RB0



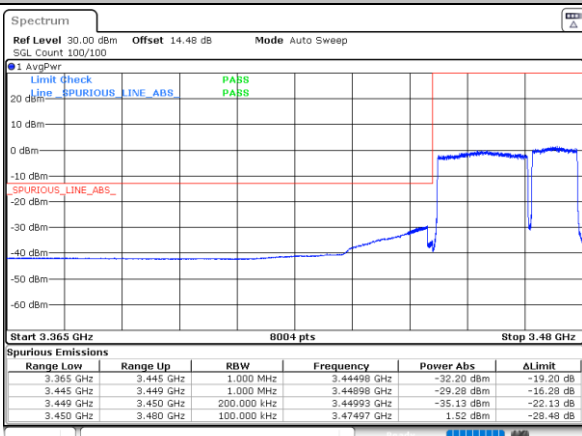
Date: 1.NOV.2023 09:45:10

Highest Band Edge / 1RB99 and 1RB0



Date: 1.NOV.2023 10:19:38

Lowest Band Edge / Full RB



Date: 1.NOV.2023 09:53:11

Highest Band Edge / Full RB



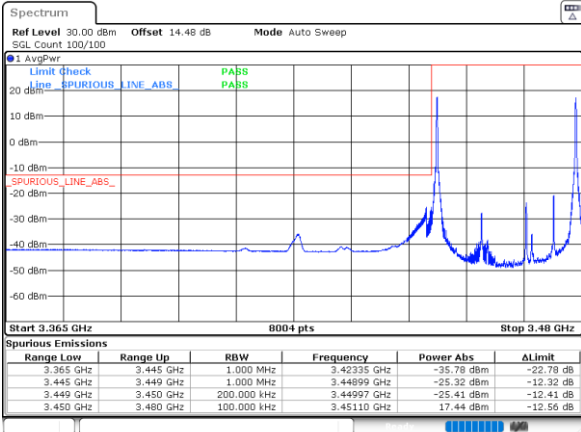
Date: 1.NOV.2023 10:27:00



LTE Band 42C / 20MHz+10MHz

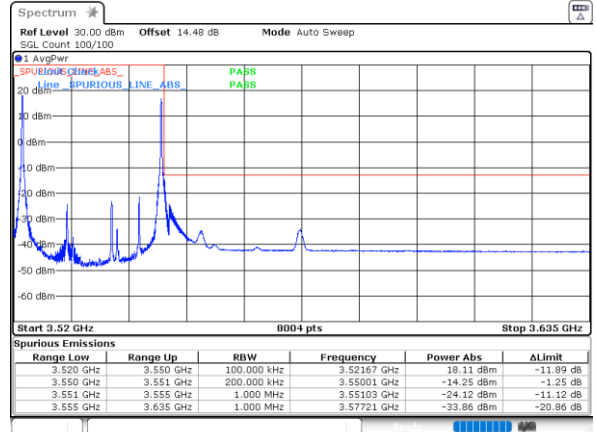
16QAM

Lowest Band Edge / 1RB0 and 1RB49



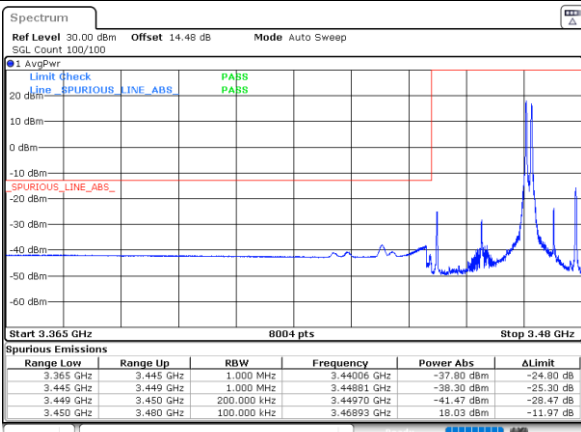
Date: 1.NOV.2023 10:02:59

Highest Band Edge / 1RB0 and 1RB49



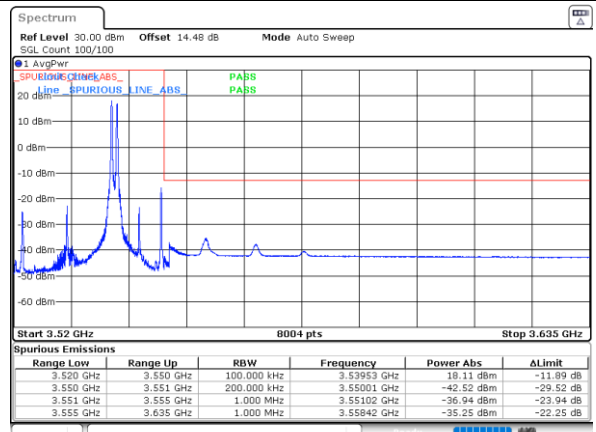
Date: 1.NOV.2023 12:41:58

Lowest Band Edge / 1RB99 and 1RB0



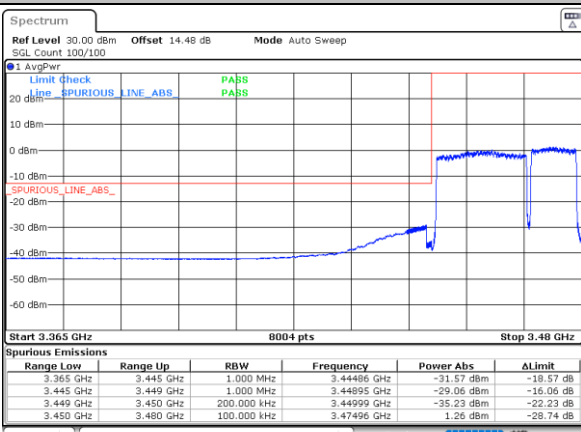
Date: 1.NOV.2023 09:48:16

Highest Band Edge / 1RB99 and 1RB0



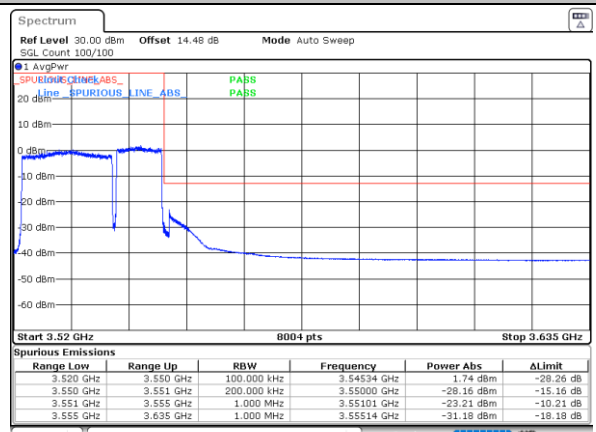
Date: 1.NOV.2023 10:22:05

Lowest Band Edge / Full RB



Date: 1.NOV.2023 09:55:18

Highest Band Edge / Full RB



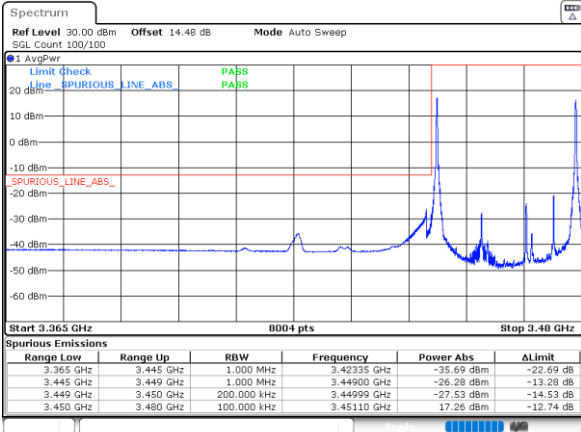
Date: 1.NOV.2023 10:29:17



LTE Band 42C / 20MHz+10MHz

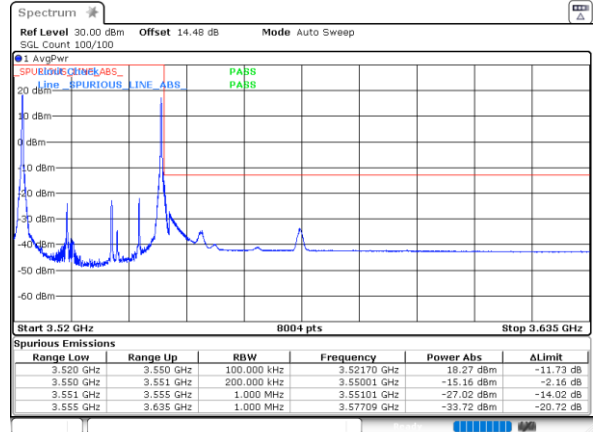
64QAM

Lowest Band Edge / 1RB0 and 1RB49



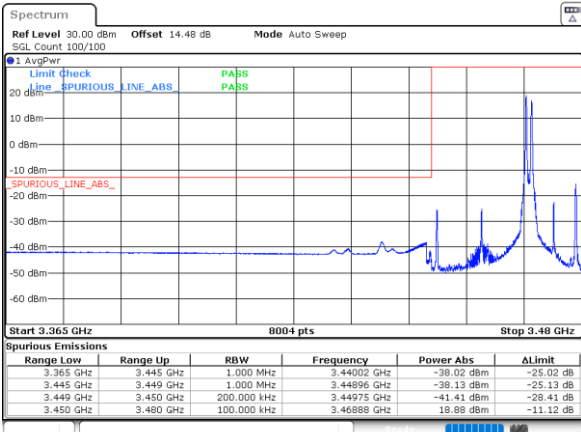
Date: 1.NOV.2023 10:05:26

Highest Band Edge / 1RB0 and 1RB49



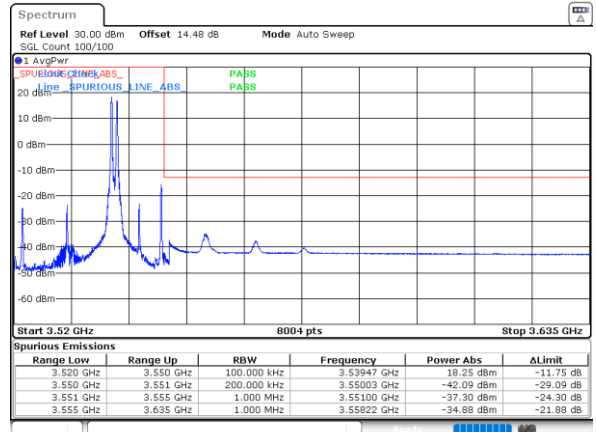
Date: 1.NOV.2023 12:43:16

Lowest Band Edge / 1RB99 and 1RB0



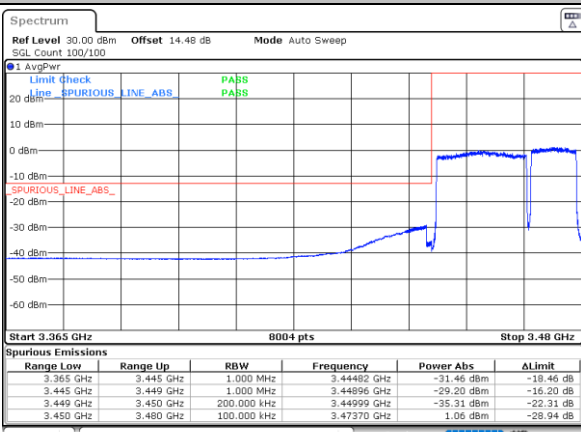
Date: 1.NOV.2023 09:50:44

Highest Band Edge / 1RB99 and 1RB0



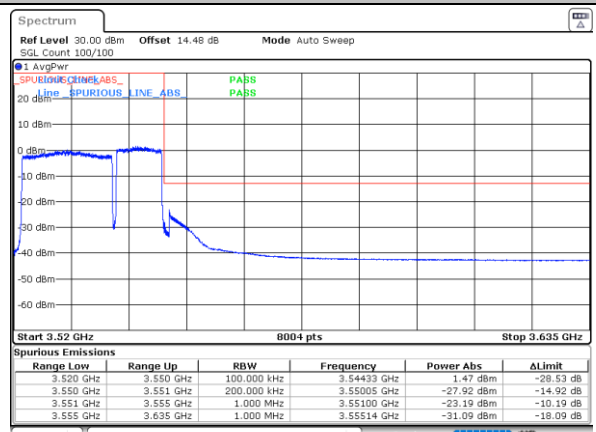
Date: 1.NOV.2023 10:24:32

Lowest Band Edge / Full RB



Date: 1.NOV.2023 09:58:05

Highest Band Edge / Full RB



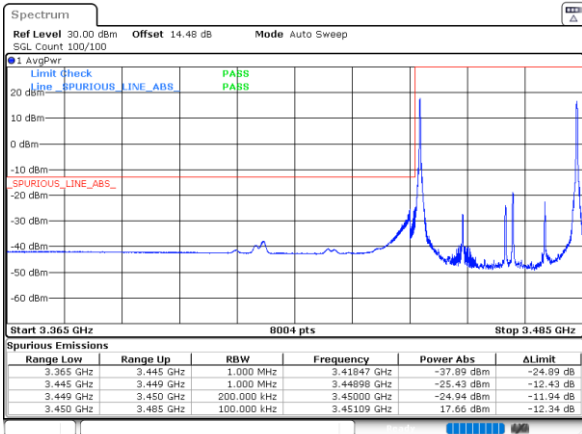
Date: 1.NOV.2023 10:31:54



LTE Band 42C / 20MHz+15MHz

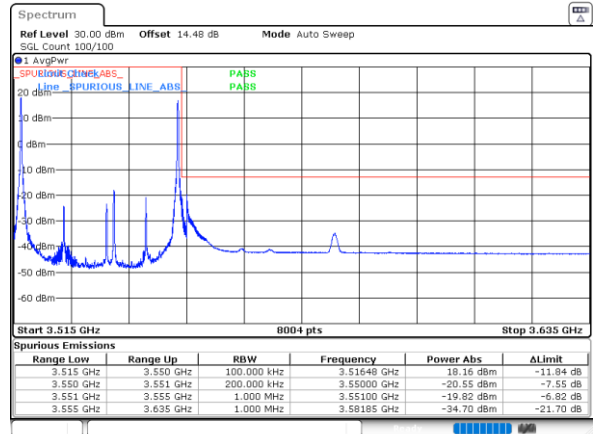
QPSK

Lowest Band Edge / 1RB0 and 1RB74



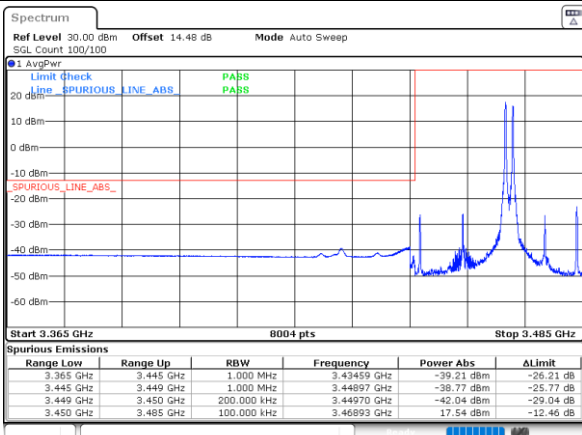
Date: 1.NOV.2023 11:04:22

Highest Band Edge / 1RB0 and 1RB74



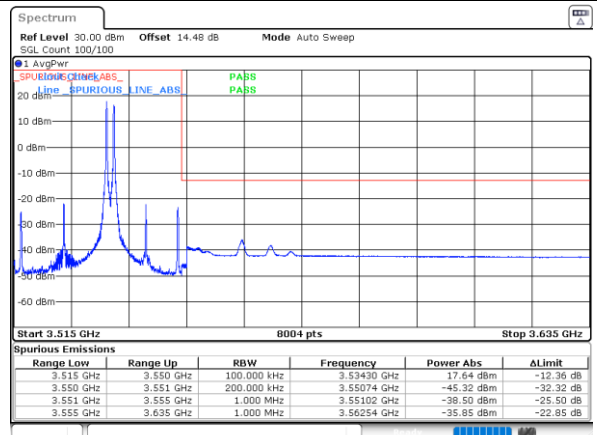
Date: 1.NOV.2023 12:23:25

Lowest Band Edge / 1RB99 and 1RB0



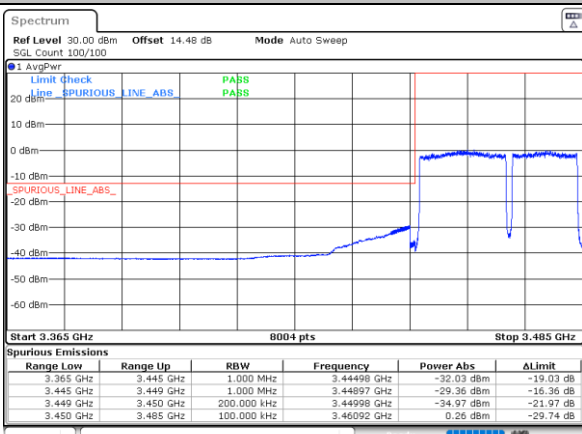
Date: 1.NOV.2023 10:49:39

Highest Band Edge / 1RB99 and 1RB0



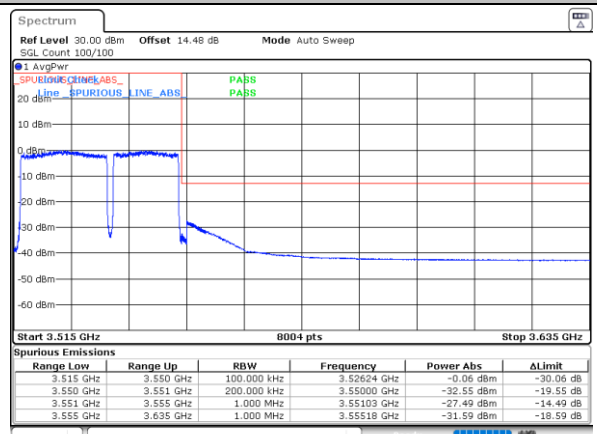
Date: 1.NOV.2023 12:08:44

Lowest Band Edge / Full RB



Date: 1.NOV.2023 10:57:01

Highest Band Edge / Full RB



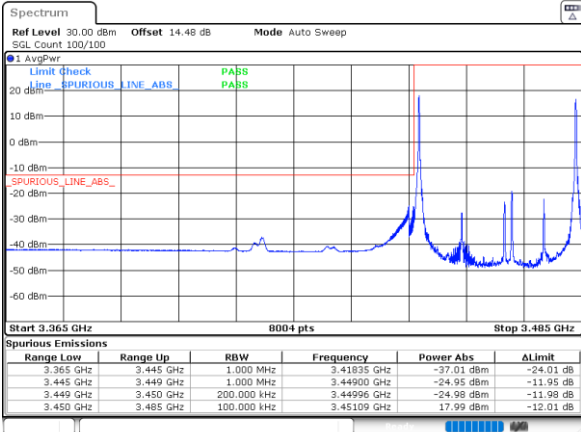
Date: 1.NOV.2023 12:16:05



LTE Band 42C / 20MHz+15MHz

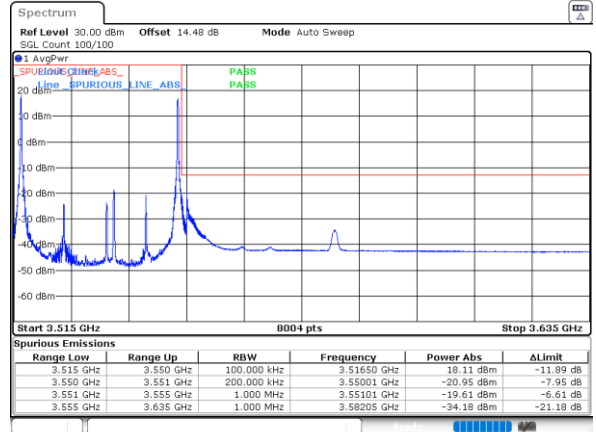
16QAM

Lowest Band Edge / 1RB0 and 1RB74



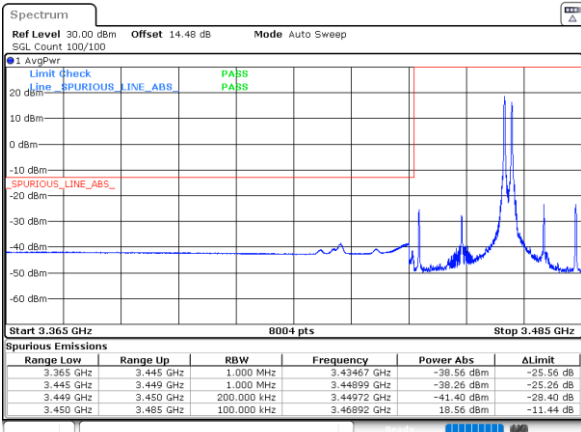
Date: 1.NOV.2023 11:06:49

Highest Band Edge / 1RB0 and 1RB74



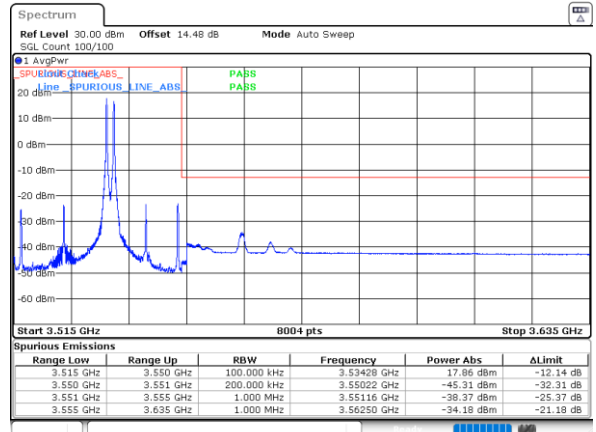
Date: 1.NOV.2023 12:25:52

Lowest Band Edge / 1RB99 and 1RB0



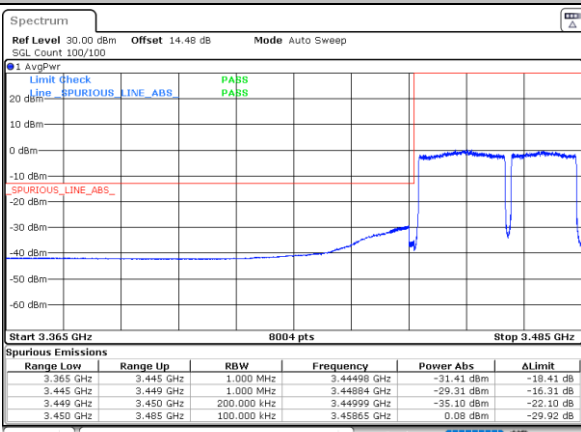
Date: 1.NOV.2023 10:52:06

Highest Band Edge / 1RB99 and 1RB0



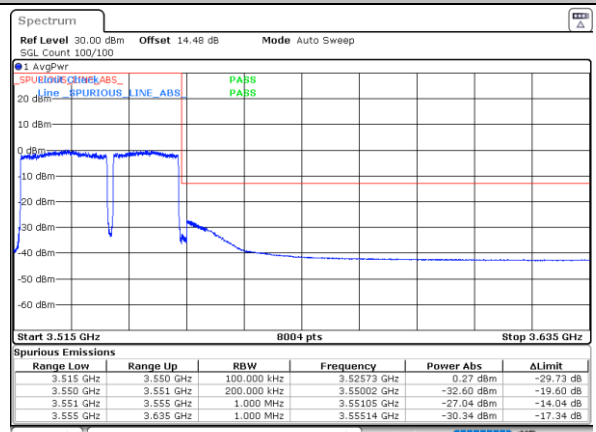
Date: 1.NOV.2023 12:11:11

Lowest Band Edge / Full RB



Date: 1.NOV.2023 10:59:27

Highest Band Edge / Full RB



Date: 1.NOV.2023 12:18:52

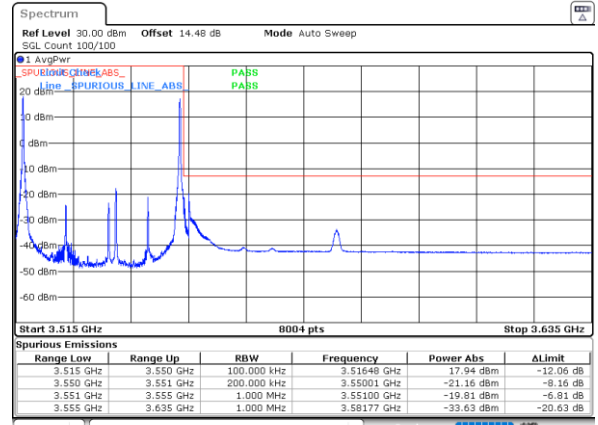
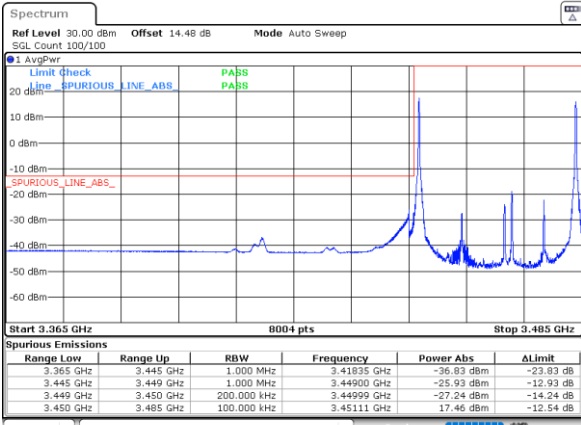


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

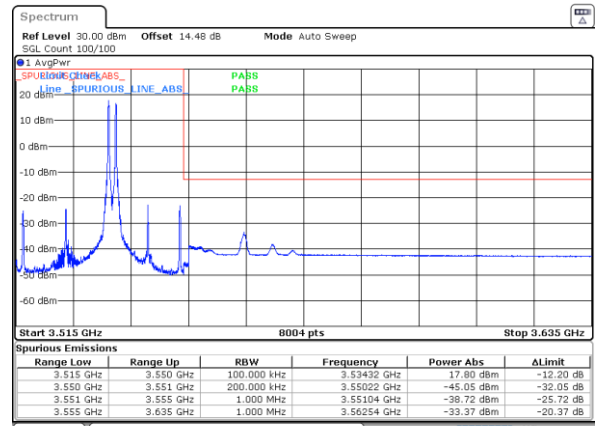
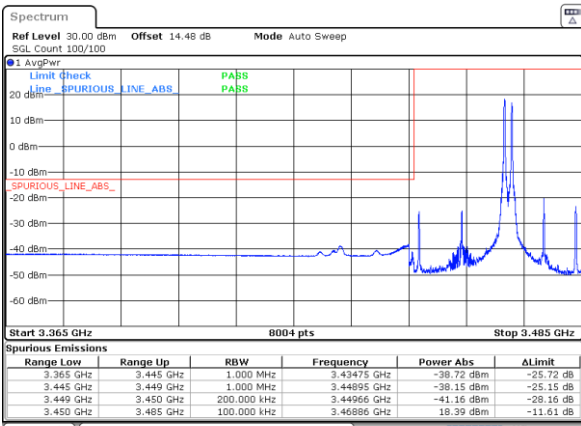


Date: 1.NOV.2023 11:09:16

Date: 1.NOV.2023 12:28:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

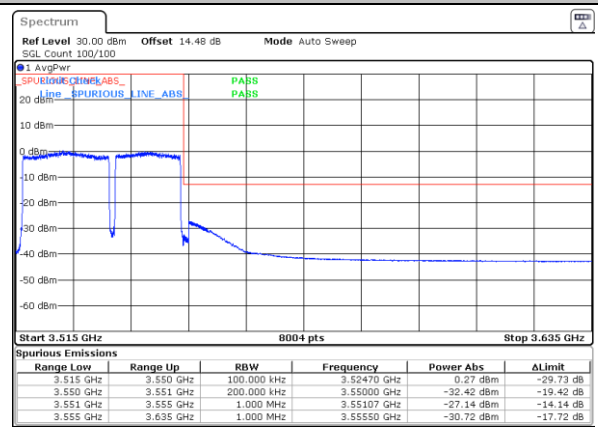
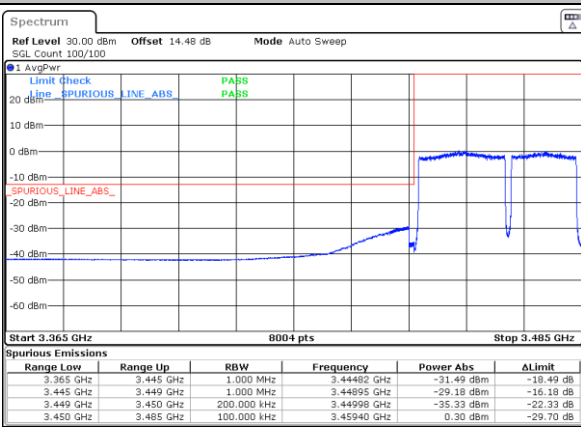


Date: 1.NOV.2023 10:54:33

Date: 1.NOV.2023 12:13:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

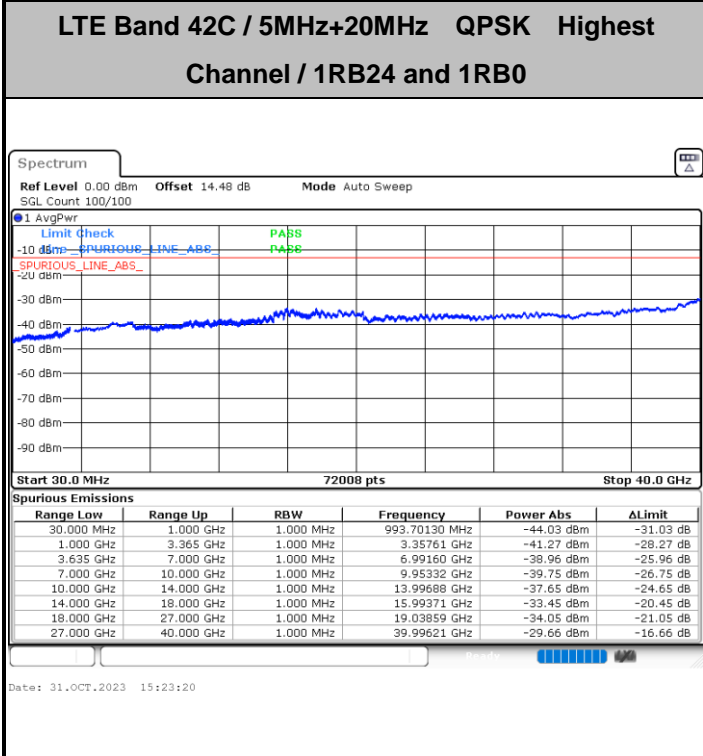
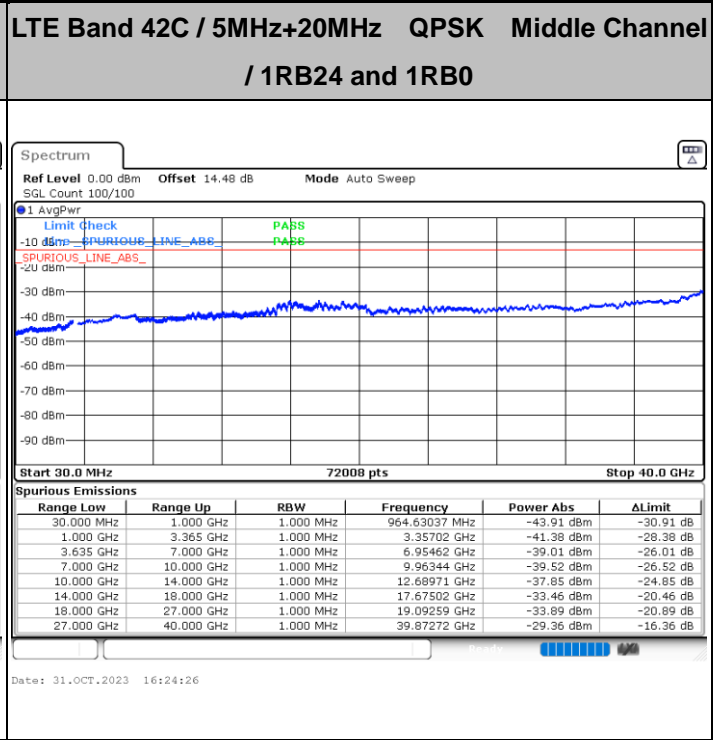
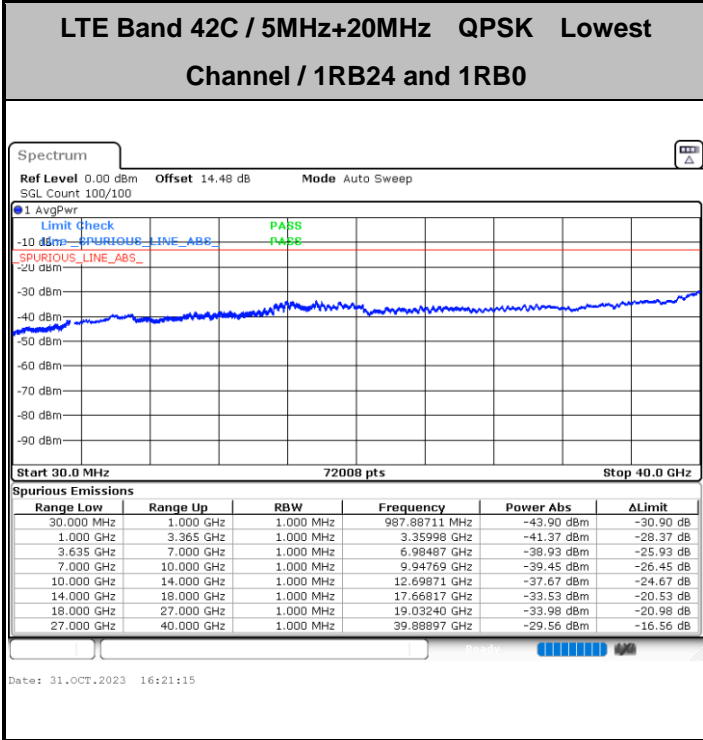


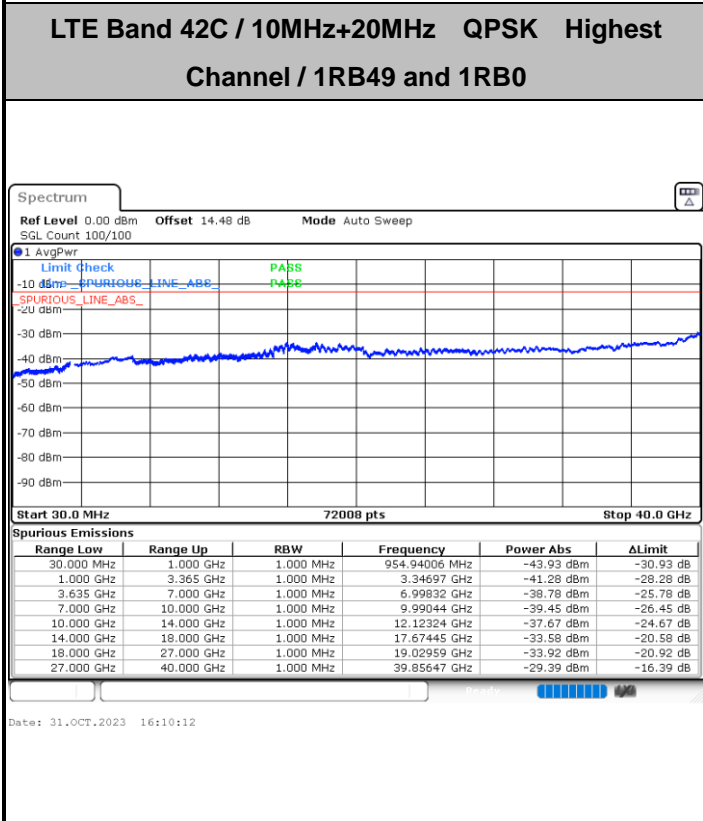
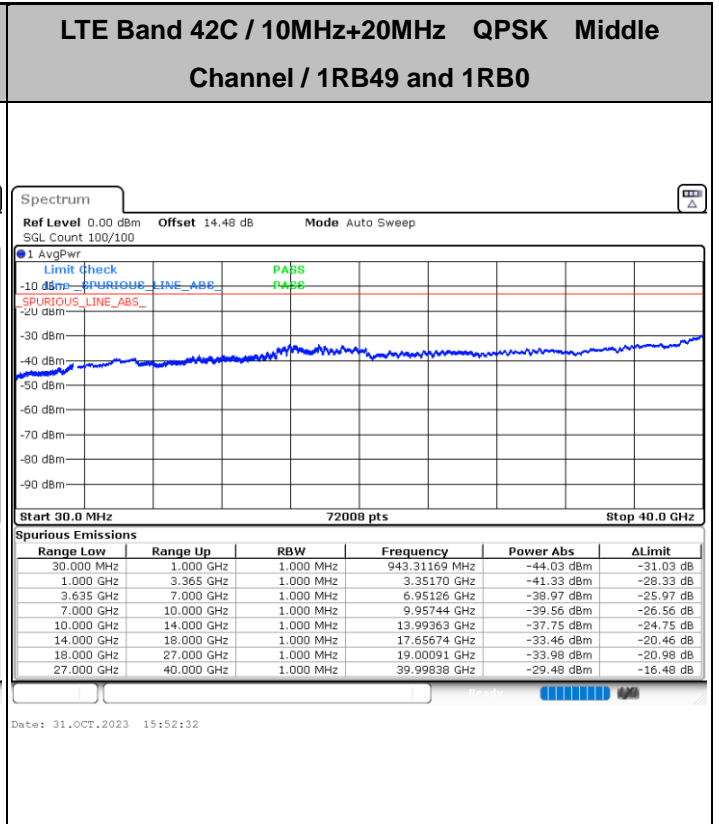
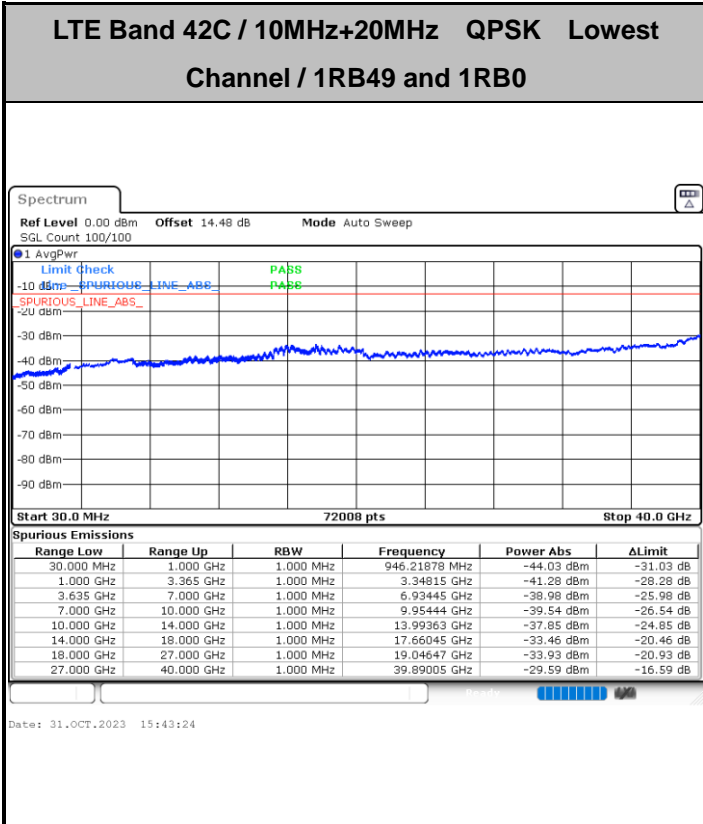
Date: 1.NOV.2023 11:01:55

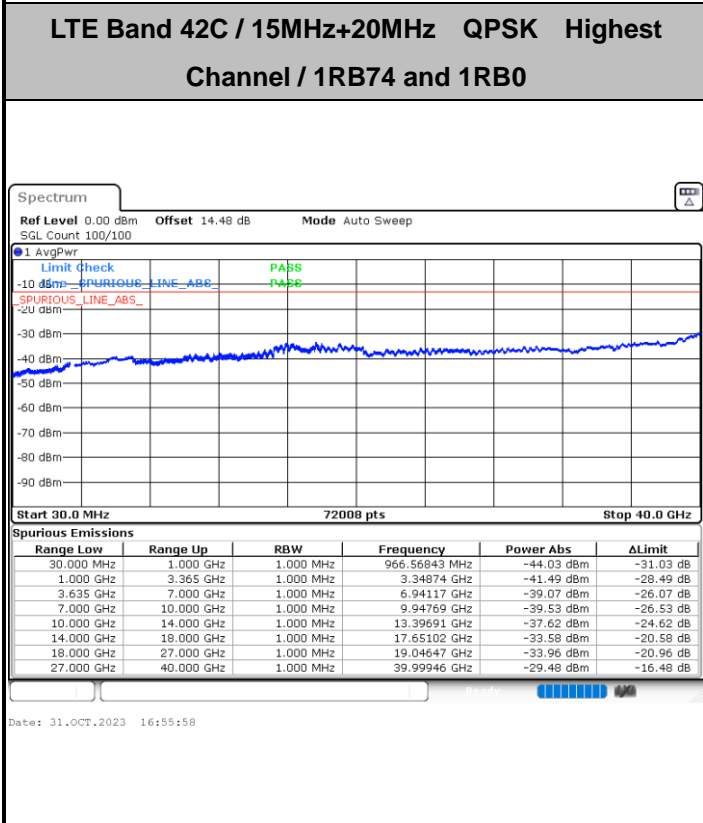
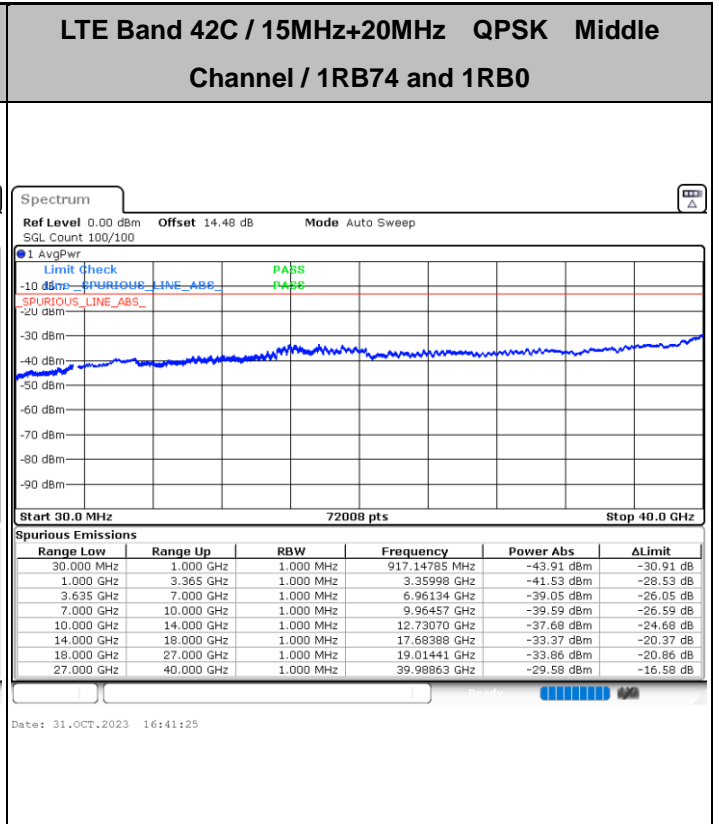
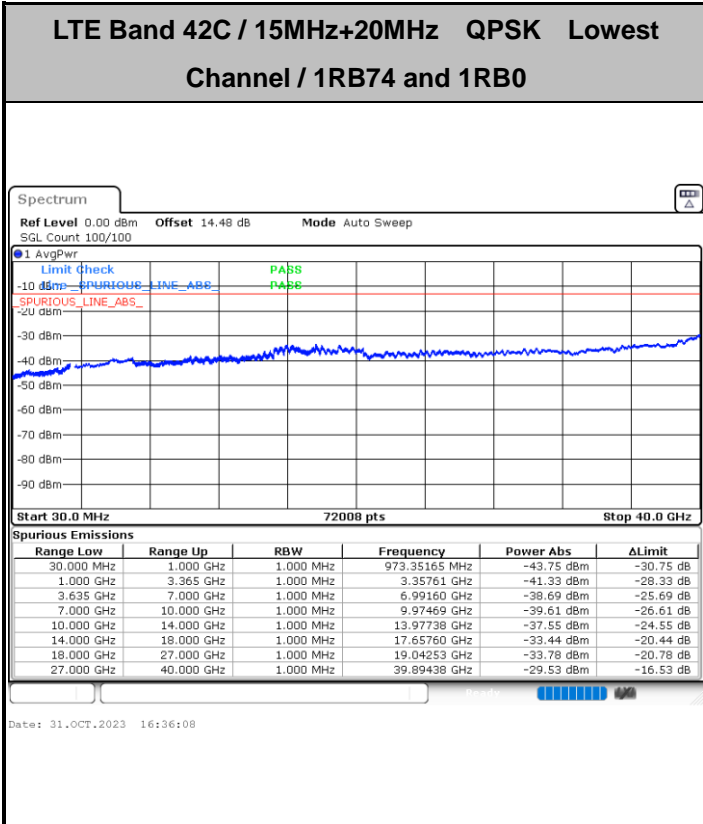
Date: 1.NOV.2023 12:20:58



Conducted Spurious Emission



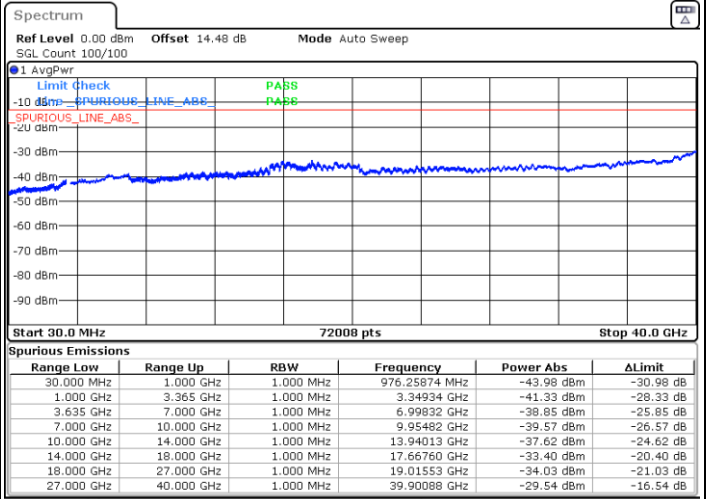
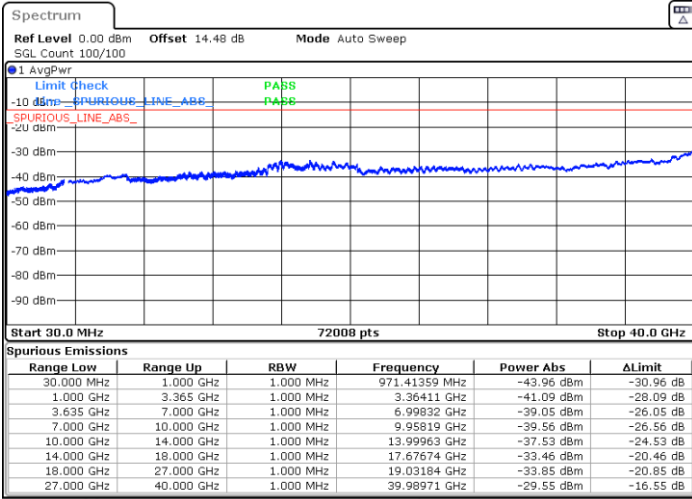






LTE Band 42C / 20MHz+20MHz QPSK Lowest Channel / 1RB99 and 1RB0

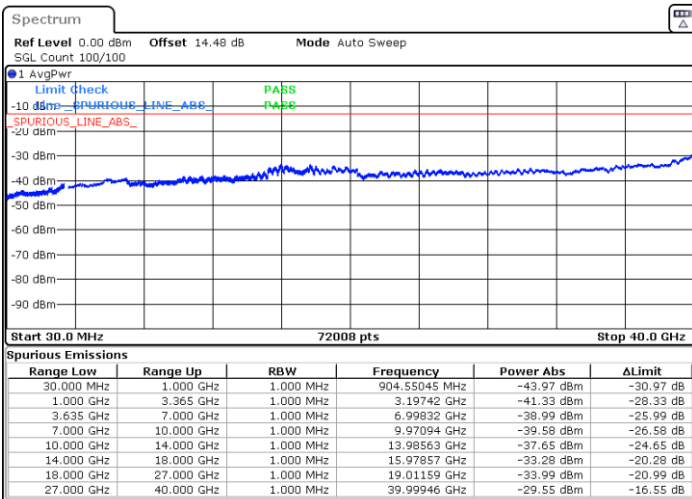
LTE Band 42C / 20MHz+20MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 31.OCT.2023 17:37:16

Date: 31.OCT.2023 17:40:52

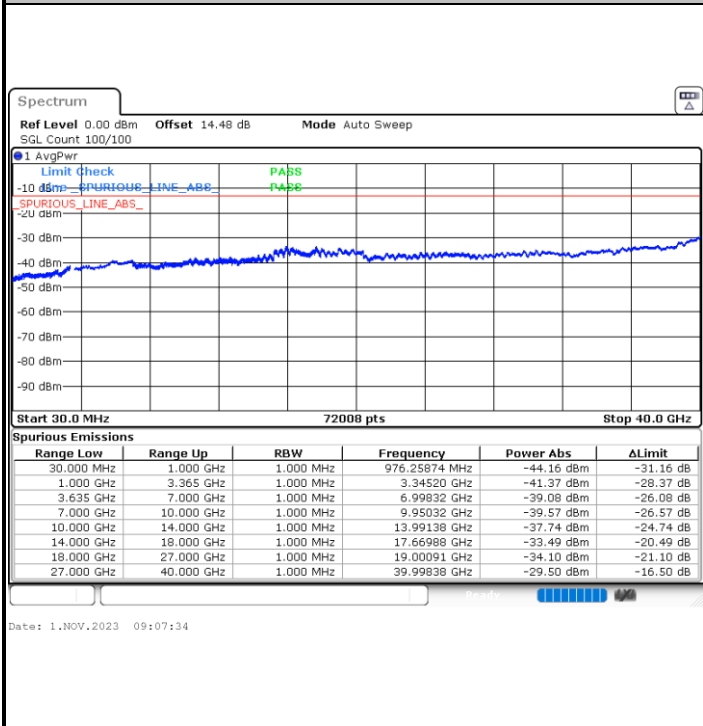
LTE Band 42C / 20MHz+20MHz QPSK Highest Channel / 1RB99 and 1RB0



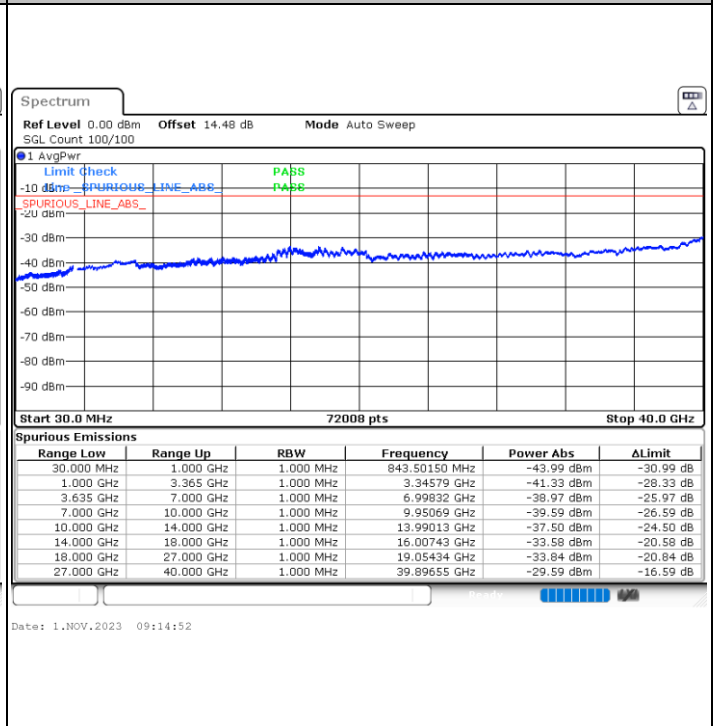
Date: 31.OCT.2023 18:06:02



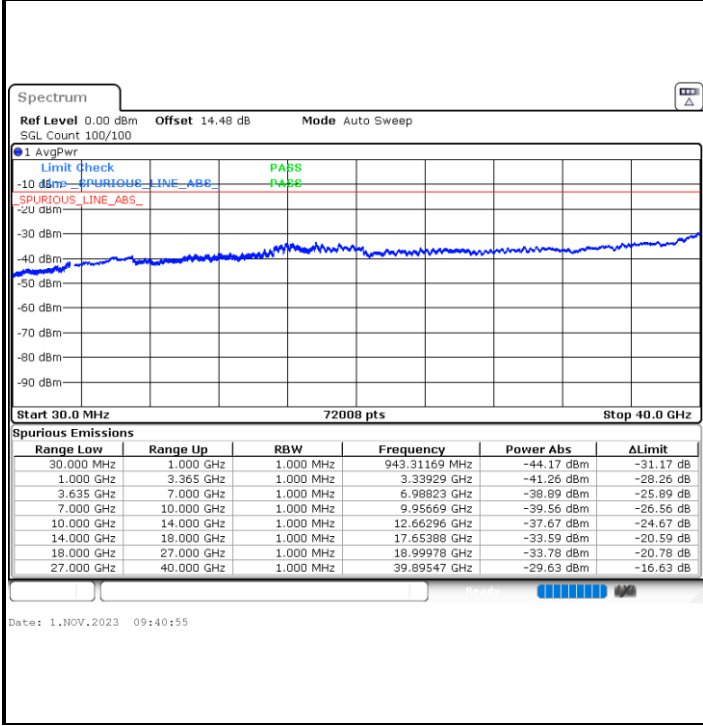
LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

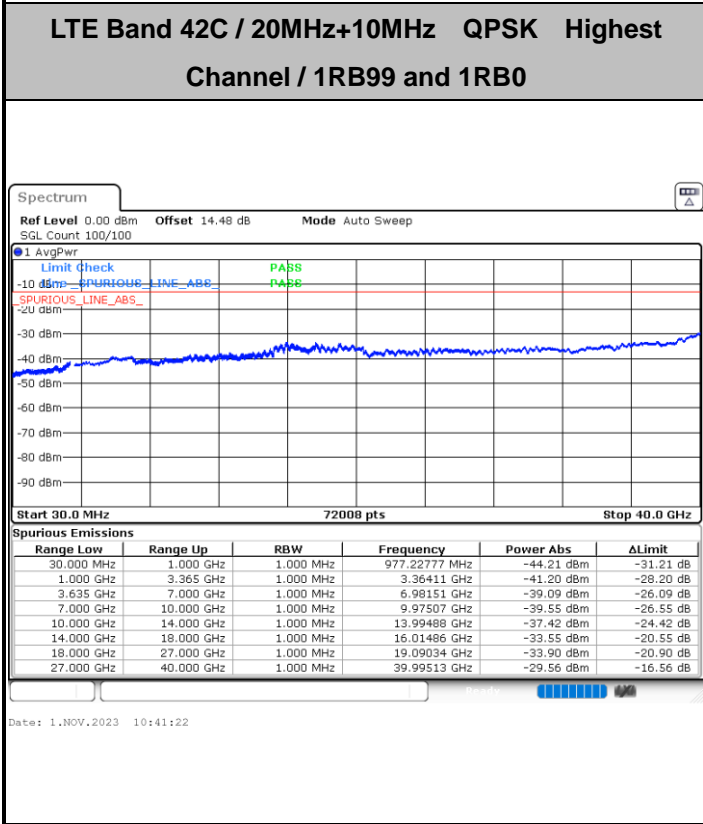
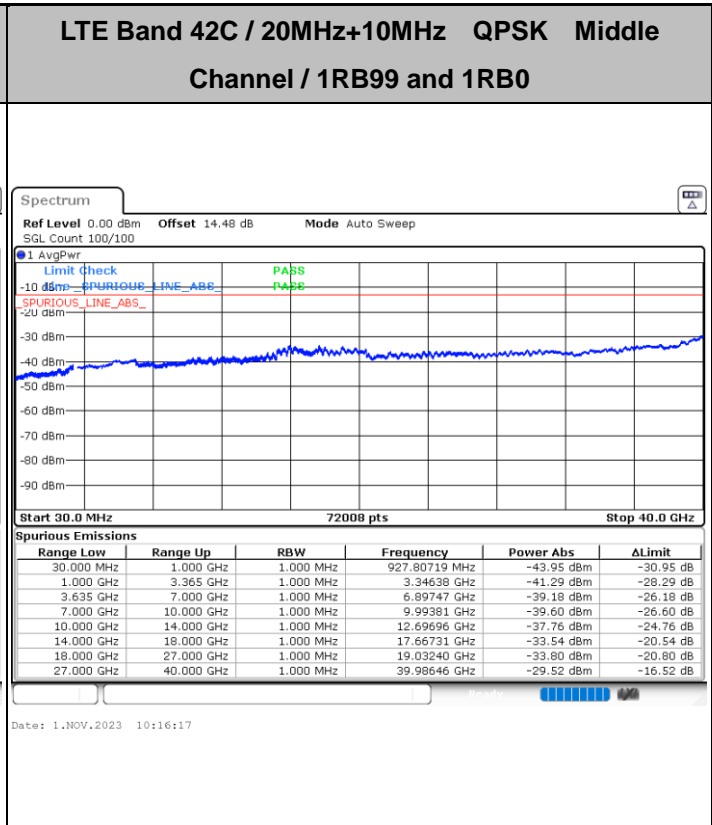
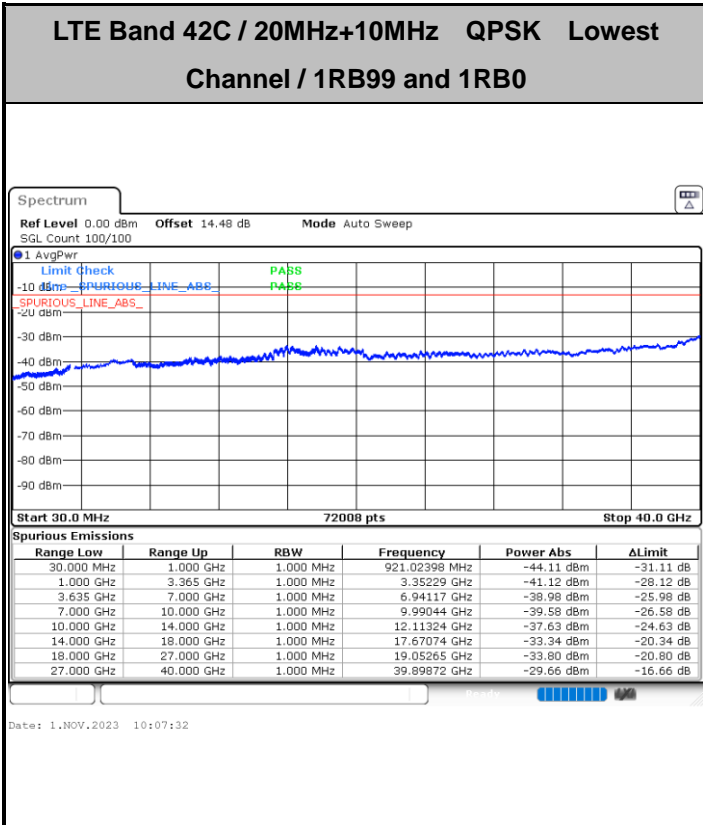


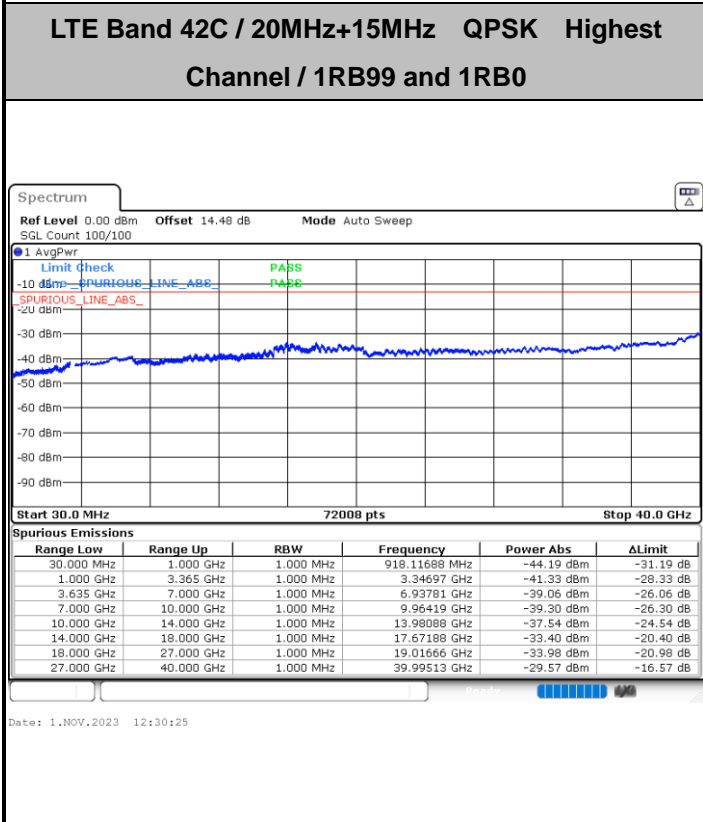
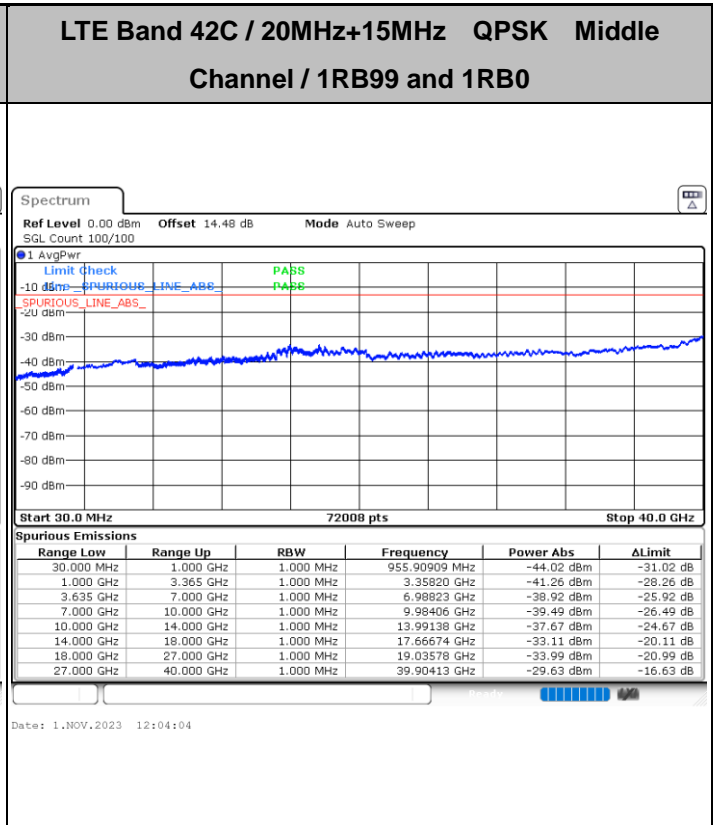
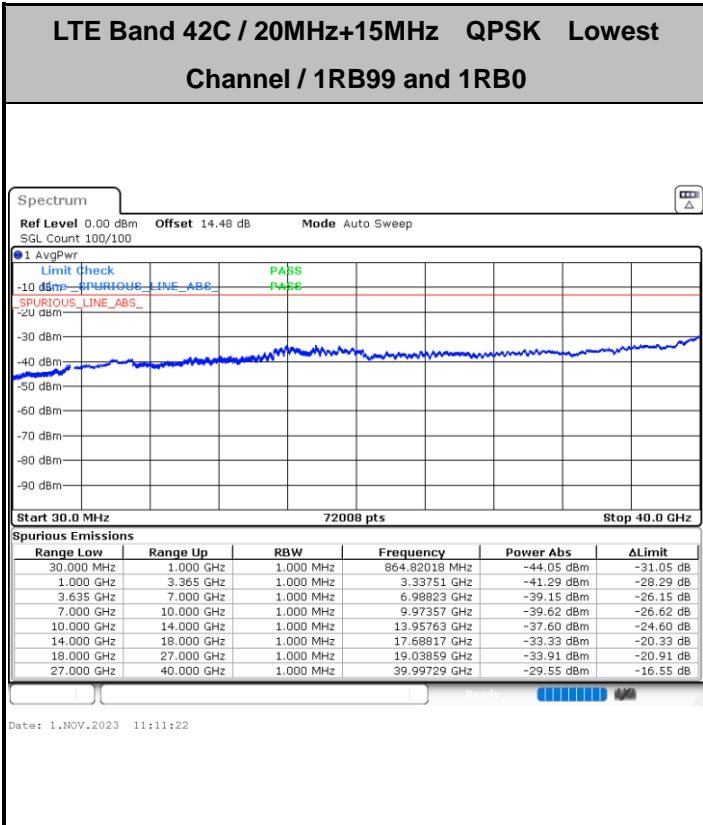
LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0



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







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	0.0000	
20	Minimum Voltage	0.0013	

Note:

1. Normal Voltage =52 V. ; Minimum Voltage =48 V. ; Maximum Voltage =56 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 :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worse antenna modes to perform final test and record in the report.

LTE Band 42 / 20MHz / QPSK / Ant. 2								
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	6984	-32.52	-13	-19.52	-42.73	3.03	13.24	H
	10476	-60.20	-13	-47.20	-69.65	3.56	13.01	H
	13968	-58.16	-13	-45.16	-67.68	3.92	13.44	H
	6984	-37.18	-13	-24.18	-47.39	3.03	13.24	V
	10473	-60.28	-13	-47.28	-69.73	3.56	13.01	V
	13968	-59.37	-13	-46.37	-68.89	3.92	13.44	V

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

LTE Band 42_UL MIMO / 20MHz / QPSK / Ant. 0+2								
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	6984	-40.73	-13	-27.73	-50.94	3.03	13.24	H
	10476	-58.49	-13	-45.49	-67.94	3.56	13.01	H
	13968	-58.52	-13	-45.52	-68.04	3.92	13.44	H
	6984	-43.16	-13	-30.16	-53.37	3.03	13.24	V
	10476	-61.40	-13	-48.40	-70.85	3.56	13.01	V
	13968	-59.02	-13	-46.02	-68.54	3.92	13.44	V

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

LTE Band 42B_CA / 10+10MHz / QPSK / Ant. 2 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)
Middle	6984	-55.73	-13	-42.73	-65.94	3.03	13.24	H
	10476	-61.27	-13	-48.27	-70.72	3.56	13.01	H
	13968	-58.63	-13	-45.63	-68.15	3.92	13.44	H
	6984	-58.90	-13	-45.90	-69.11	3.03	13.24	V
	10476	-61.86	-13	-48.86	-71.31	3.56	13.01	V
	13968	-58.66	-13	-45.66	-68.18	3.92	13.44	V

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



LTE Band 42B_CA / 10+10MHz / QPSK / Ant. 2 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)
Middle	6996	-40.93	-13	-27.93	-51.14	3.03	13.24	H
	10500	-60.89	-13	-47.89	-70.34	3.56	13.01	H
	14004	-58.85	-13	-45.85	-68.37	3.92	13.44	H
	6996	-46.94	-13	-33.94	-57.15	3.03	13.24	V
	10500	-61.05	-13	-48.05	-70.50	3.56	13.01	V
	14004	-59.05	-13	-46.05	-68.57	3.92	13.44	V

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

LTE Band 42C_CA / 20+20MHz / QPSK / Ant. 2 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)
Middle	6960	-43.25	-13	-30.25	-53.46	3.03	13.24	H
	10440	-60.23	-13	-47.23	-69.68	3.56	13.01	H
	13920	-59.16	-13	-46.16	-68.68	3.92	13.44	H
	6960	-40.75	-13	-27.75	-50.96	3.03	13.24	V
	10440	-60.95	-13	-47.95	-70.40	3.56	13.01	V
	13920	-59.61	-13	-46.61	-69.13	3.92	13.44	V

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

LTE Band 42C_CA / 20+20MHz / QPSK / Ant. 2 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)
Middle	7032	-62.08	-13	-49.08	-72.29	3.03	13.24	H
	10560	-61.53	-13	-48.53	-70.98	3.56	13.01	H
	14076	-60.04	-13	-47.04	-69.56	3.92	13.44	H
	7032	-62.36	-13	-49.36	-72.57	3.03	13.24	V
	10560	-61.93	-13	-48.93	-71.38	3.56	13.01	V
	14076	-60.16	-13	-47.16	-69.68	3.92	13.44	V

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



LTE Band 42A-42A_CA / 20+20MHz / QPSK / Ant. 2 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)
Middle	6984	-54.00	-13	-41.00	-64.21	3.03	13.24	H
	10476	-57.62	-13	-44.62	-67.07	3.56	13.01	H
	13964	-59.12	-13	-46.12	-68.64	3.92	13.44	H
	6996	-59.59	-13	-46.59	-69.80	3.03	13.24	V
	10473	-60.01	-13	-47.01	-69.46	3.56	13.01	V
	13964	-59.45	-13	-46.45	-68.97	3.92	13.44	V

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

LTE Band 42A-42A_CA / 20+20MHz / QPSK / Ant. 2 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)
Middle	7200	-64.55	-13	-51.55	-74.76	3.03	13.24	H
	10800	-61.47	-13	-48.47	-70.92	3.56	13.01	H
	14400	-60.26	-13	-47.26	-69.78	3.92	13.44	H
	7198	-63.98	-13	-50.98	-74.19	3.03	13.24	V
	10797	-61.42	-13	-48.42	-70.87	3.56	13.01	V
	14396	-60.27	-13	-47.27	-69.79	3.92	13.44	V

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