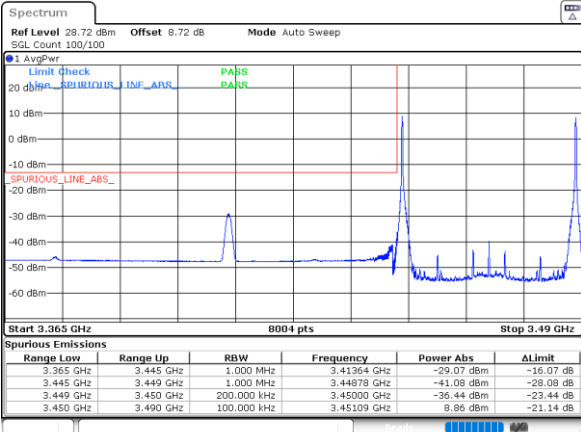




LTE Band 42C / 20MHz+20MHz

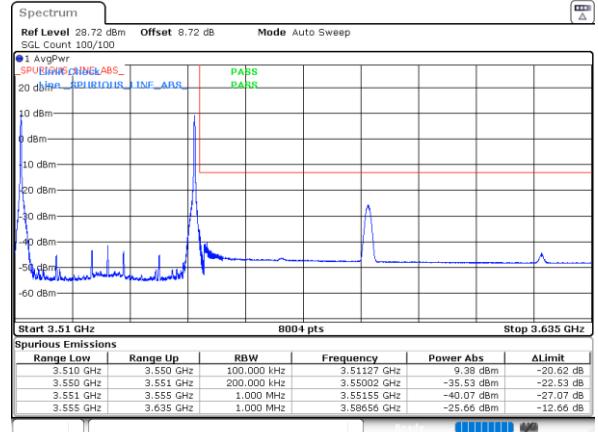
16QAM

Lowest Band Edge / 1RB0 and 1RB9



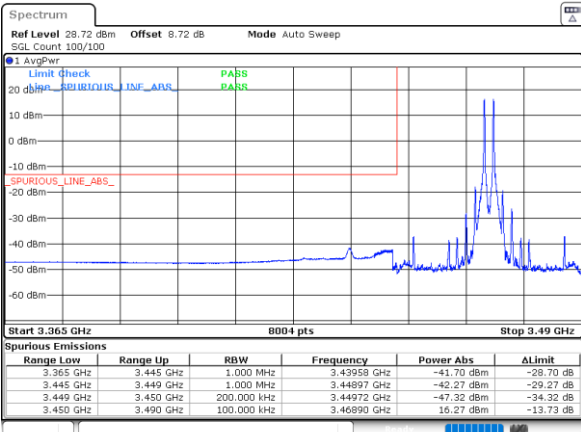
Date: 26.MAR.2024 07:54:13

Highest Band Edge / 1RB0 and 1RB9



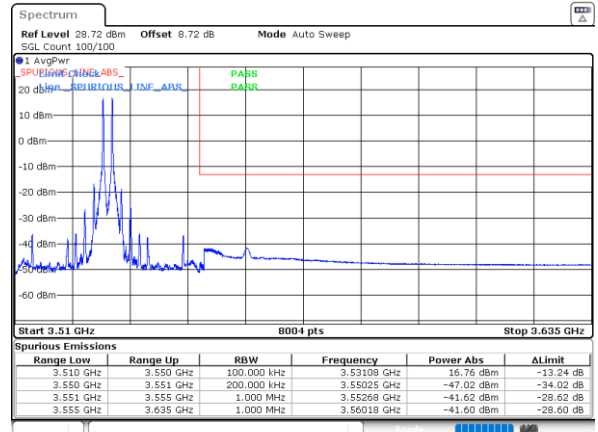
Date: 26.MAR.2024 08:13:27

Lowest Band Edge / 1RB99 and 1RB0



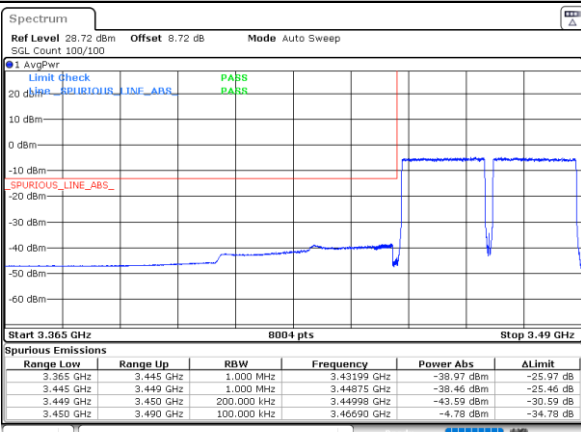
Date: 26.MAR.2024 07:49:24

Highest Band Edge / 1RB99 and 1RB0



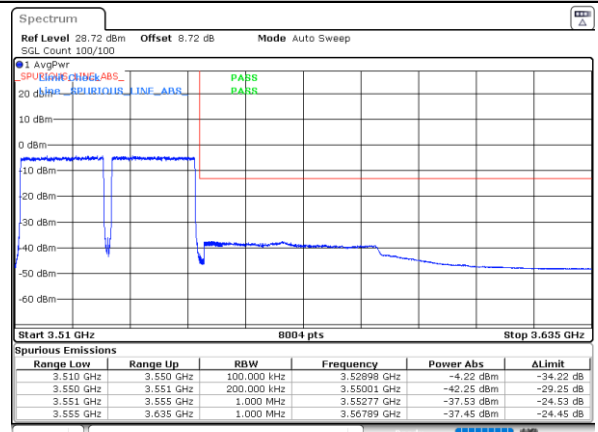
Date: 26.MAR.2024 08:08:38

Lowest Band Edge / Full RB



Date: 26.MAR.2024 07:59:03

Highest Band Edge / Full RB



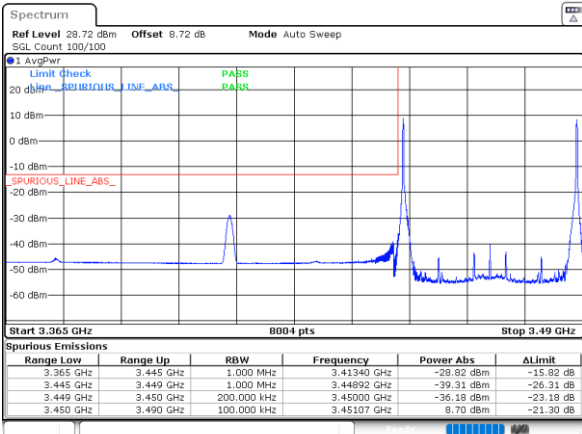
Date: 26.MAR.2024 08:18:17



LTE Band 42C / 20MHz+20MHz

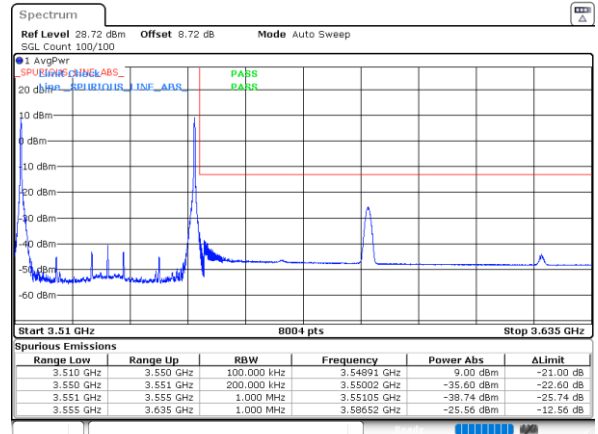
64QAM

Lowest Band Edge / 1RB0 and 1RB9



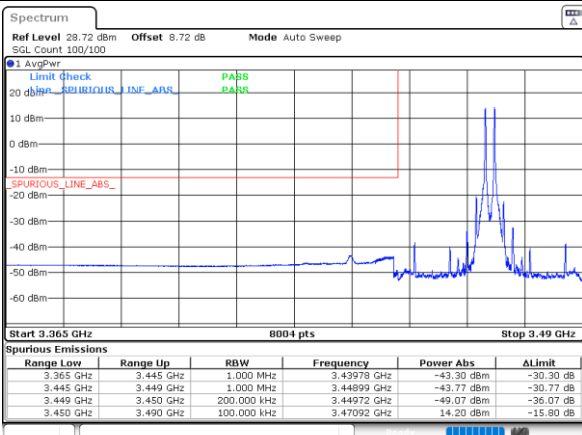
Date: 26.MAR.2024 07:55:26

Highest Band Edge / 1RB0 and 1RB9



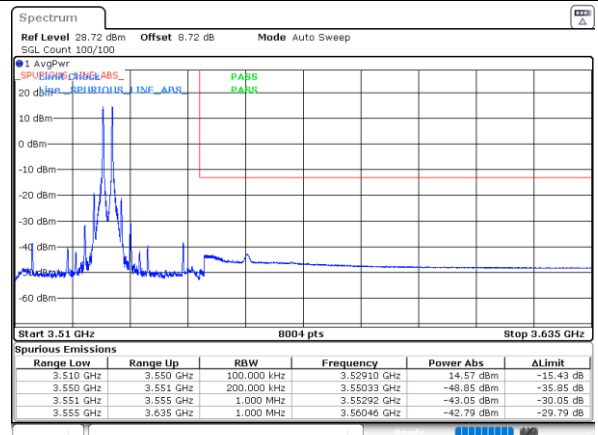
Date: 26.MAR.2024 08:14:40

Lowest Band Edge / 1RB99 and 1RB0



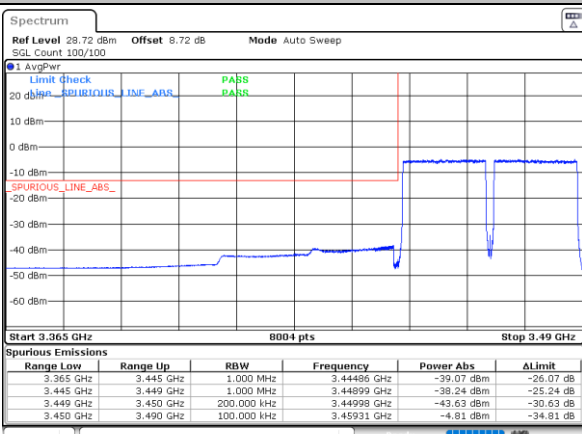
Date: 26.MAR.2024 07:50:36

Highest Band Edge / 1RB99 and 1RB0



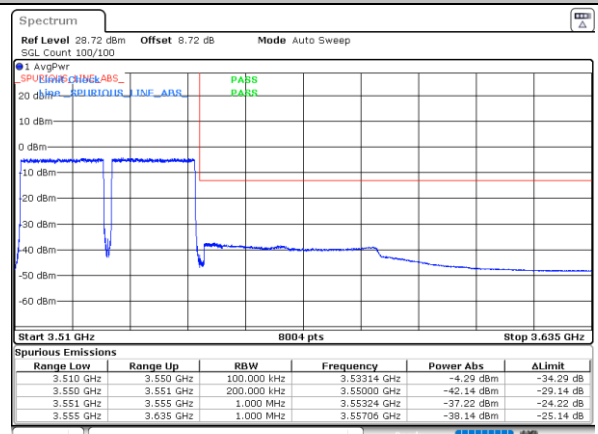
Date: 26.MAR.2024 08:09:50

Lowest Band Edge / Full RB



Date: 26.MAR.2024 08:00:16

Highest Band Edge / Full RB



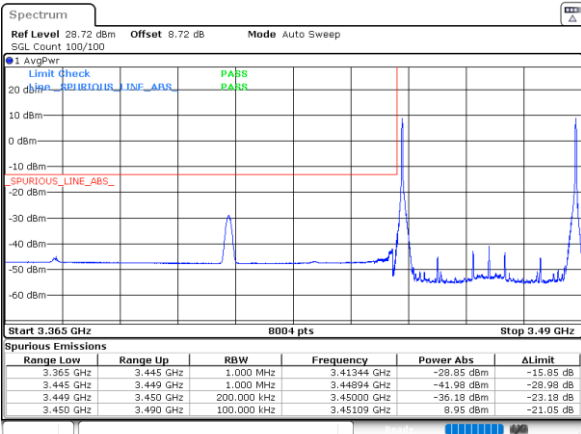
Date: 26.MAR.2024 08:19:29



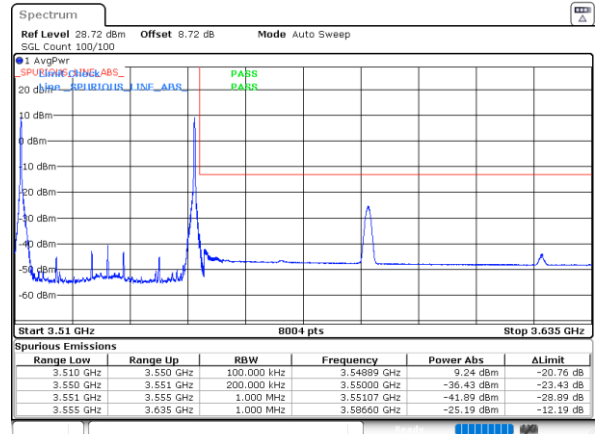
LTE Band 42C / 20MHz+20MHz

256QAM

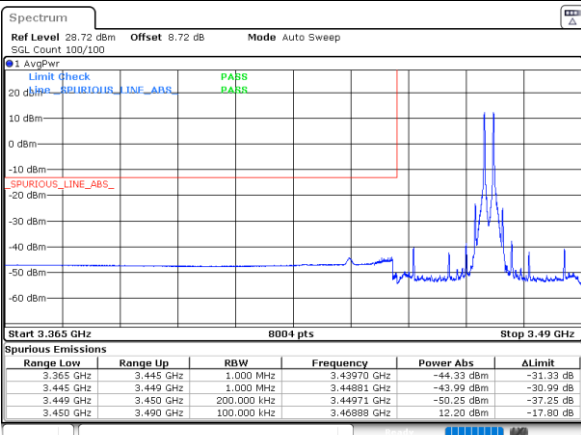
Lowest Band Edge / 1RB0 and 1RB9



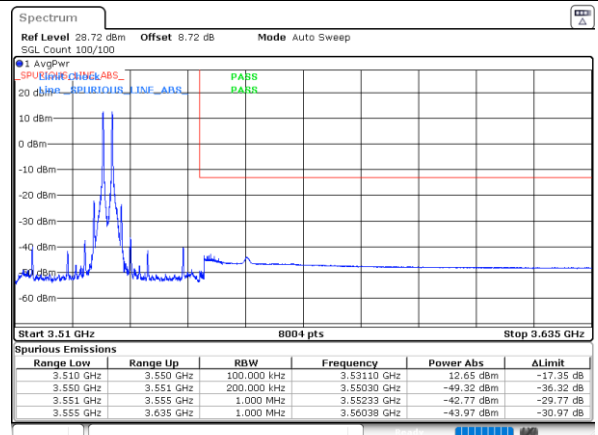
Highest Band Edge / 1RB0 and 1RB9



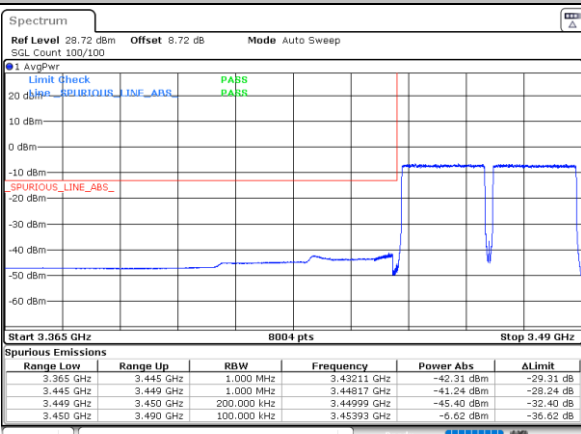
Lowest Band Edge / 1RB99 and 1RB0



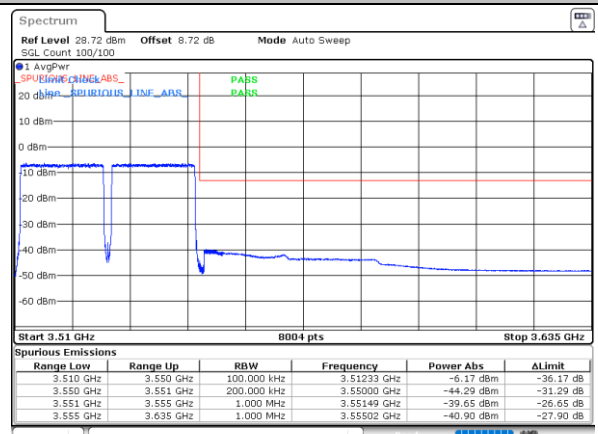
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

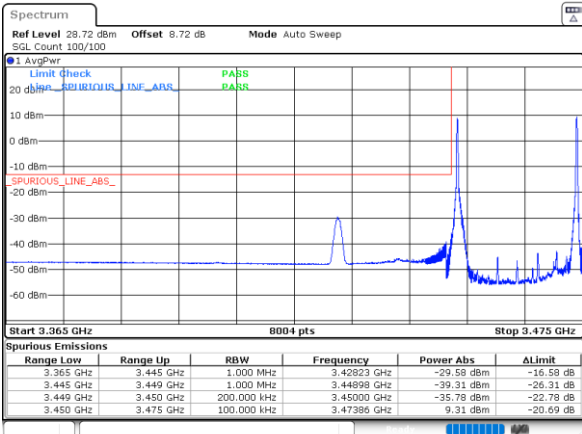




LTE Band 42C / 20MHz+5MHz

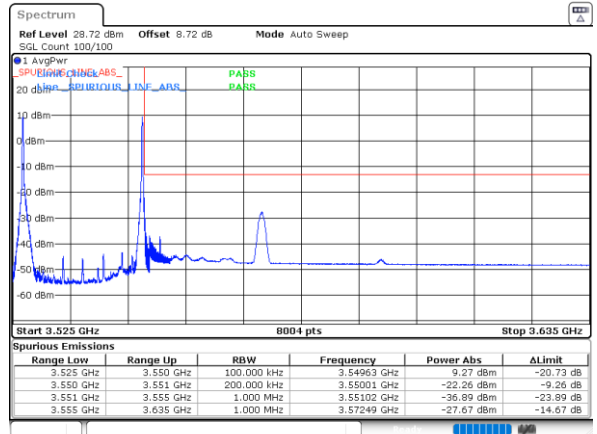
QPSK

Lowest Band Edge / 1RB0 and 1RB24



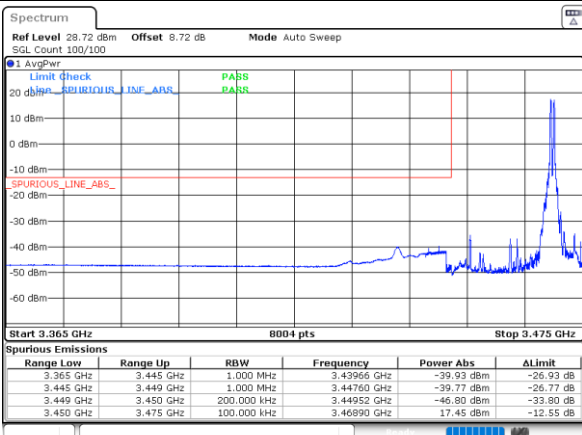
Date: 26.MAR.2024 06:08:34

Highest Band Edge / 1RB0 and 1RB24



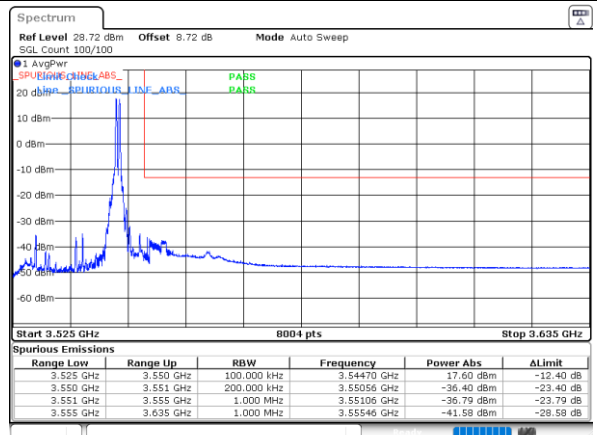
Date: 26.MAR.2024 06:27:02

Lowest Band Edge / 1RB99 and 1RB0



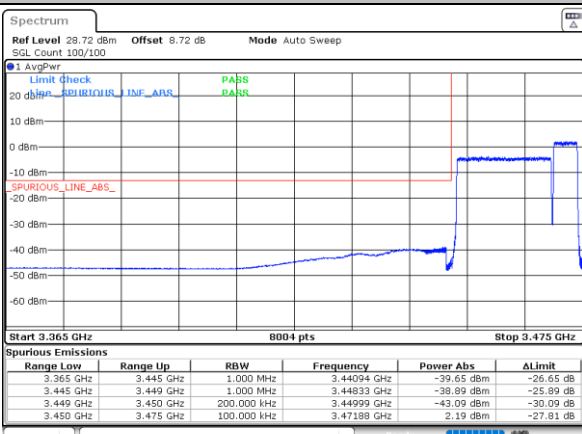
Date: 26.MAR.2024 06:03:36

Highest Band Edge / 1RB99 and 1RB0



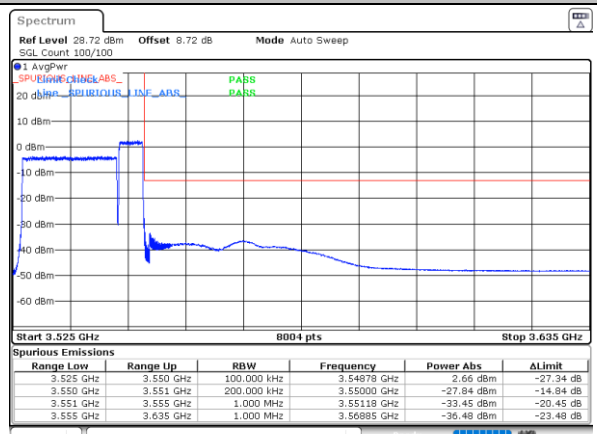
Date: 26.MAR.2024 06:22:04

Lowest Band Edge / Full RB



Date: 26.MAR.2024 06:13:32

Highest Band Edge / Full RB



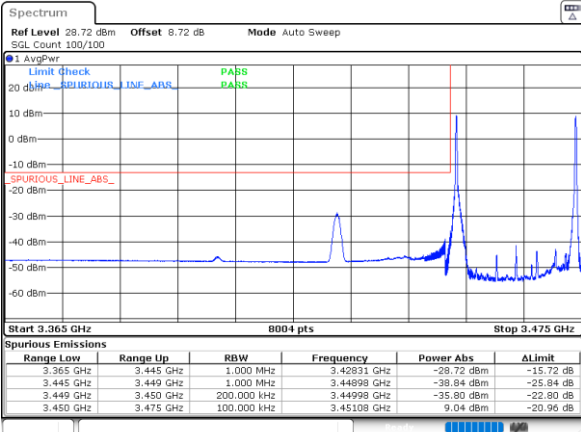
Date: 26.MAR.2024 06:32:00



LTE Band 42C / 20MHz+5MHz

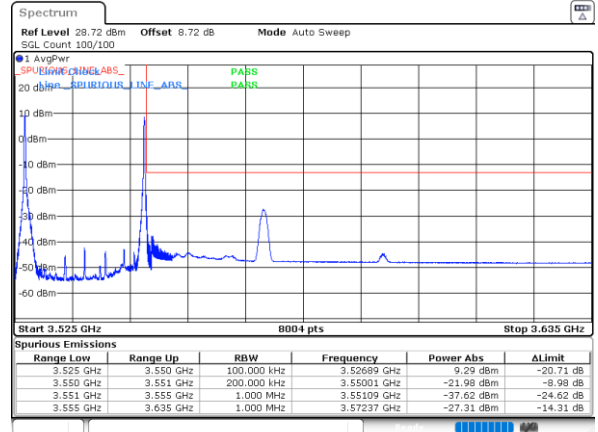
16QAM

Lowest Band Edge / 1RB0 and 1RB24



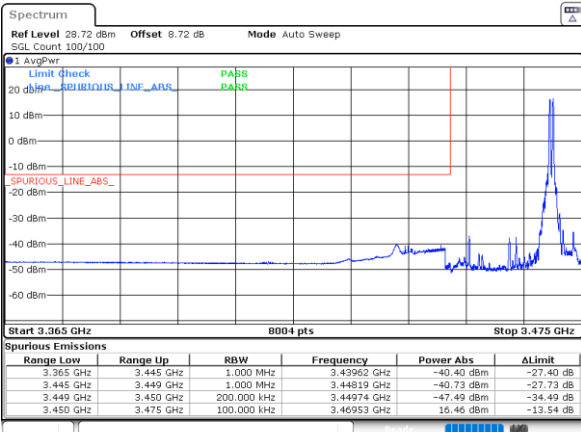
Date: 26.MAR.2024 06:09:48

Highest Band Edge / 1RB0 and 1RB24



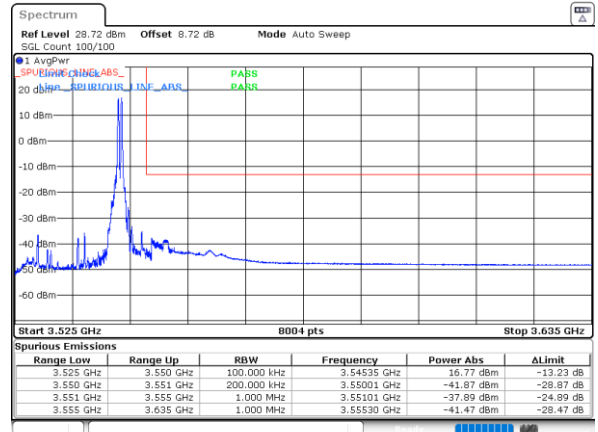
Date: 26.MAR.2024 06:28:16

Lowest Band Edge / 1RB99 and 1RB0



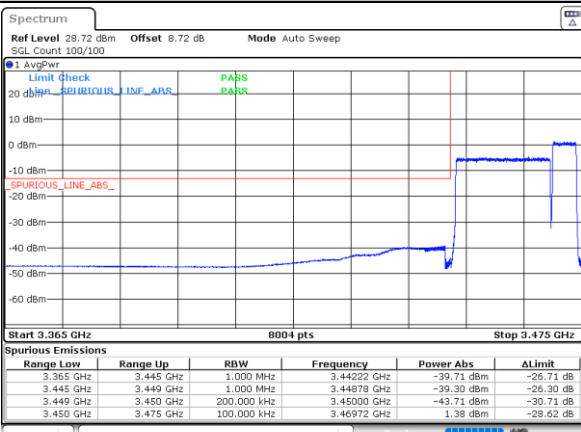
Date: 26.MAR.2024 06:04:51

Highest Band Edge / 1RB99 and 1RB0



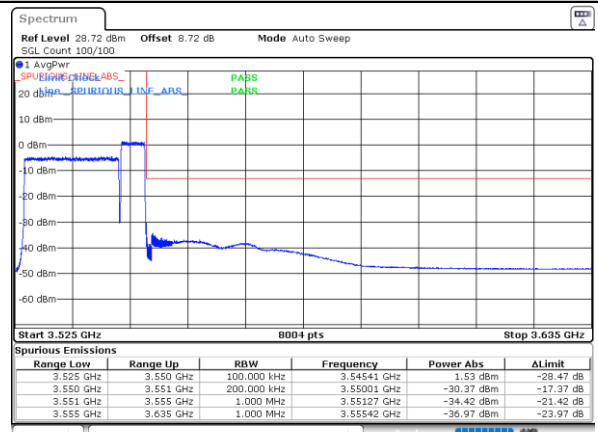
Date: 26.MAR.2024 06:23:19

Lowest Band Edge / Full RB



Date: 26.MAR.2024 06:14:46

Highest Band Edge / Full RB



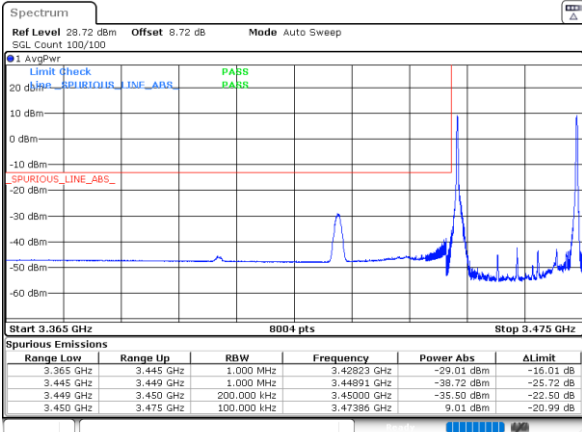
Date: 26.MAR.2024 06:33:14



LTE Band 42C / 20MHz+5MHz

64QAM

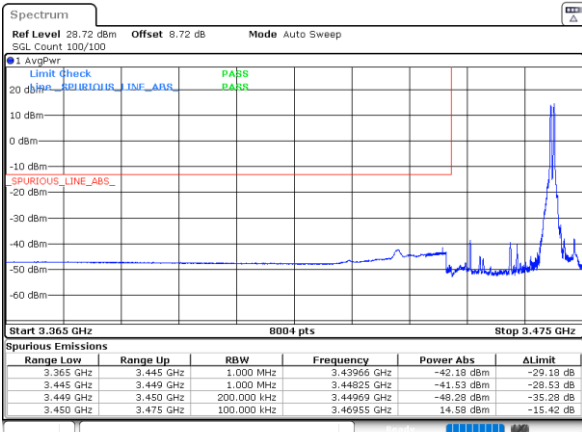
Lowest Band Edge / 1RB0 and 1RB24



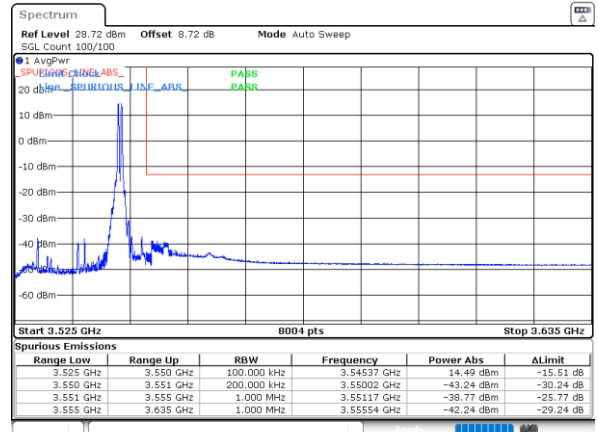
Highest Band Edge / 1RB0 and 1RB24



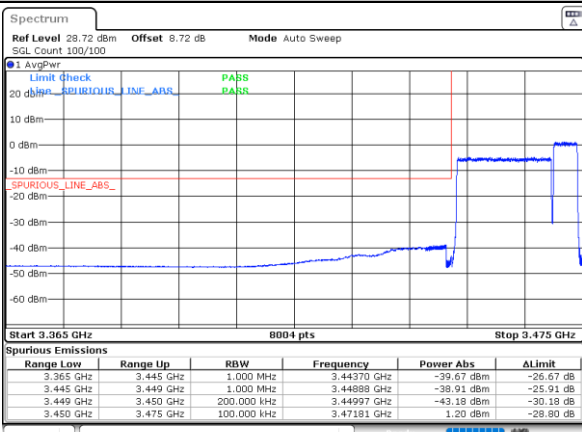
Lowest Band Edge / 1RB99 and 1RB0



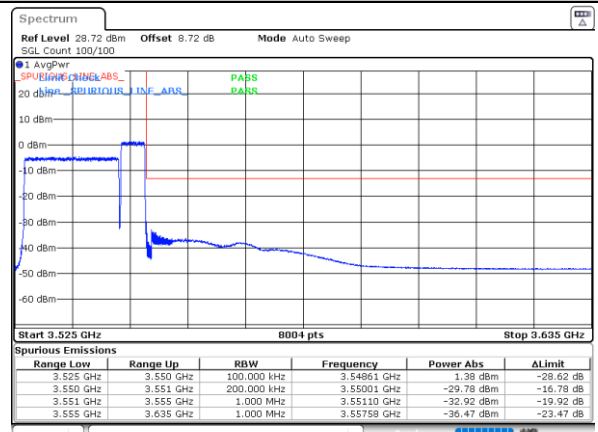
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

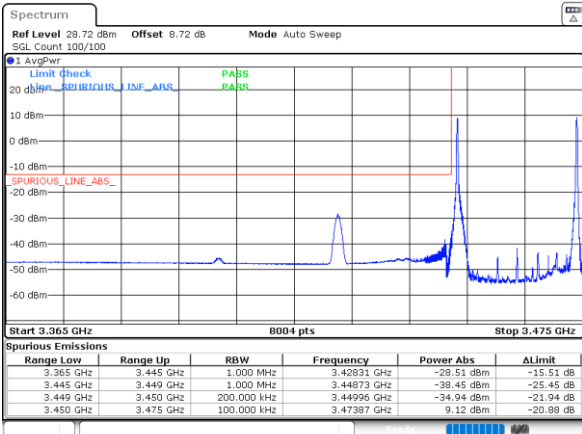




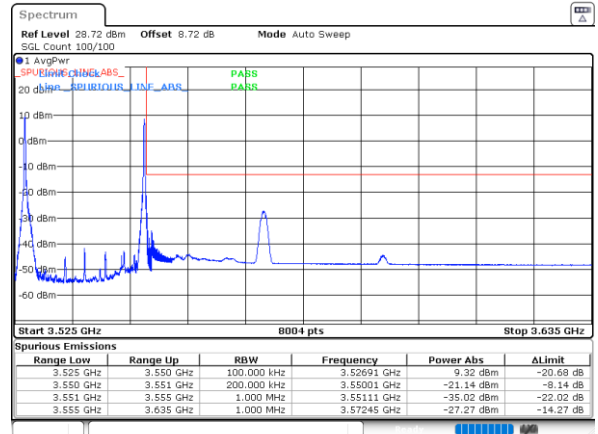
LTE Band 42C / 20MHz+5MHz

256QAM

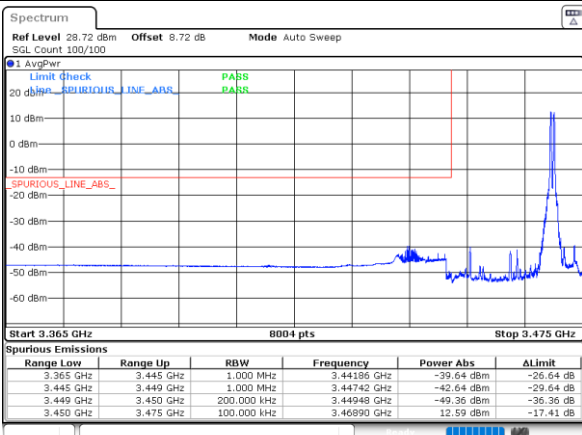
Lowest Band Edge / 1RB0 and 1RB24



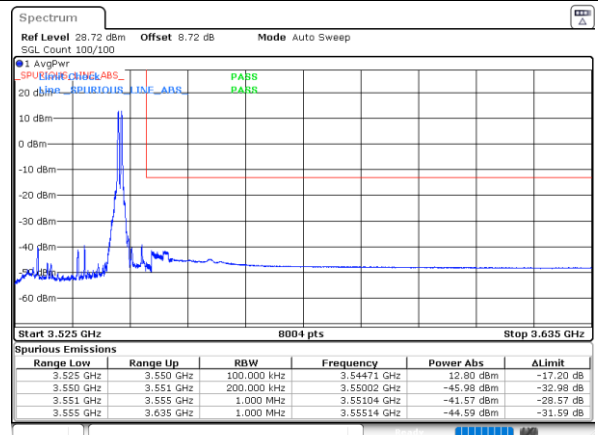
Highest Band Edge / 1RB0 and 1RB24



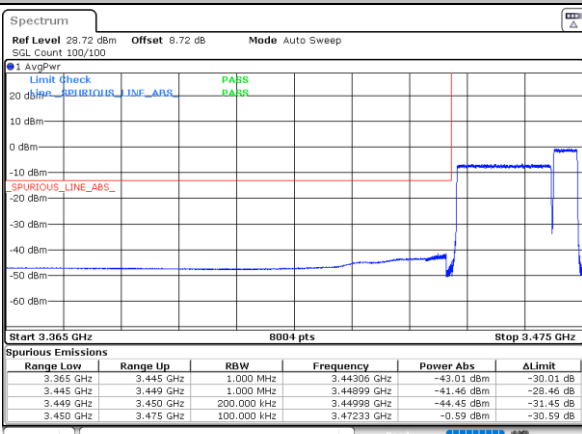
Lowest Band Edge / 1RB99 and 1RB0



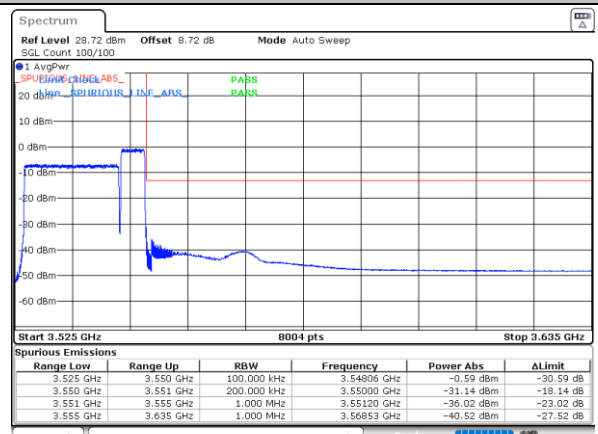
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

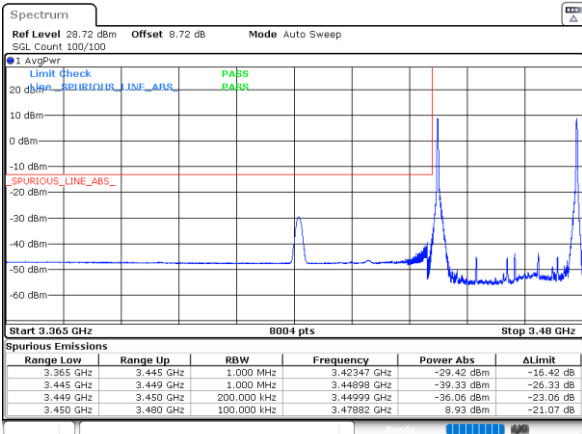




LTE Band 42C / 20MHz+10MHz

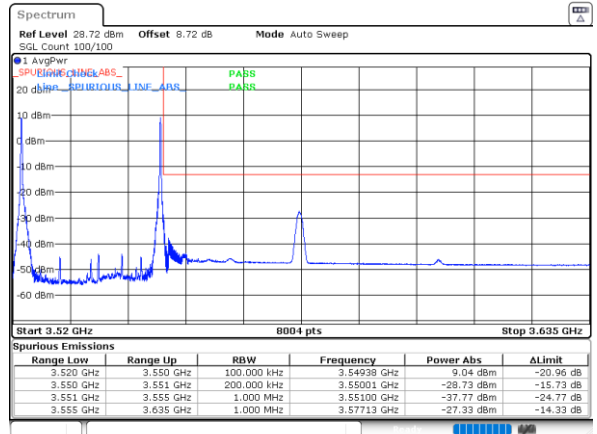
QPSK

Lowest Band Edge / 1RB0 and 1RB49



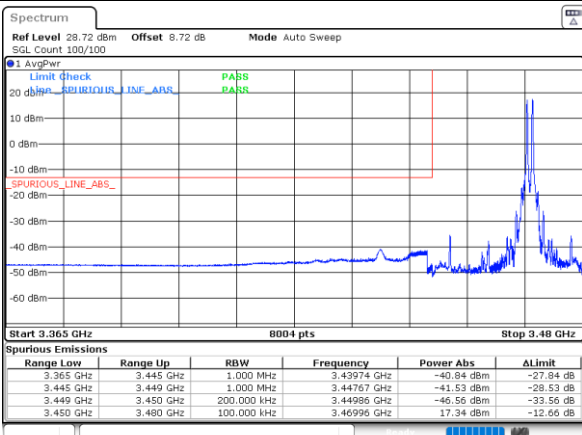
Date: 26.MAR.2024 06:43:24

Highest Band Edge / 1RB0 and 1RB49



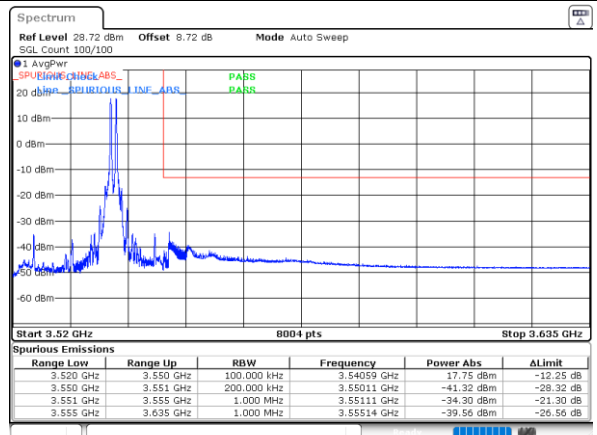
Date: 26.MAR.2024 07:01:58

Lowest Band Edge / 1RB99 and 1RB0



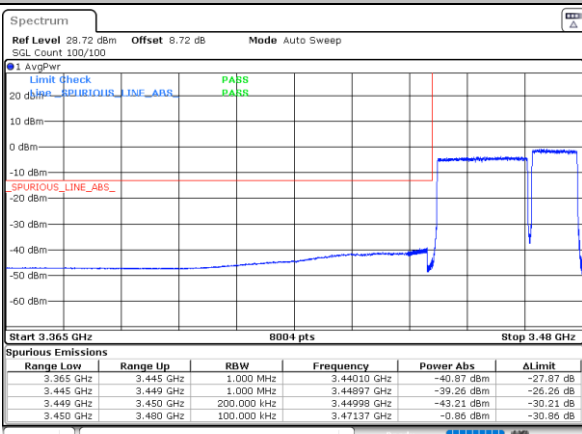
Date: 26.MAR.2024 06:38:26

Highest Band Edge / 1RB99 and 1RB0



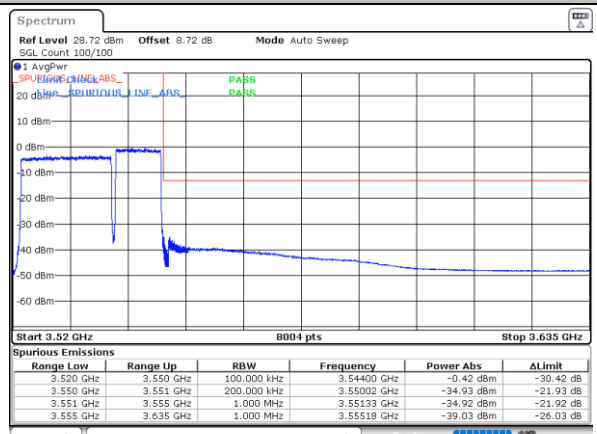
Date: 26.MAR.2024 06:57:01

Lowest Band Edge / Full RB



Date: 26.MAR.2024 06:48:21

Highest Band Edge / Full RB



Date: 26.MAR.2024 07:06:56

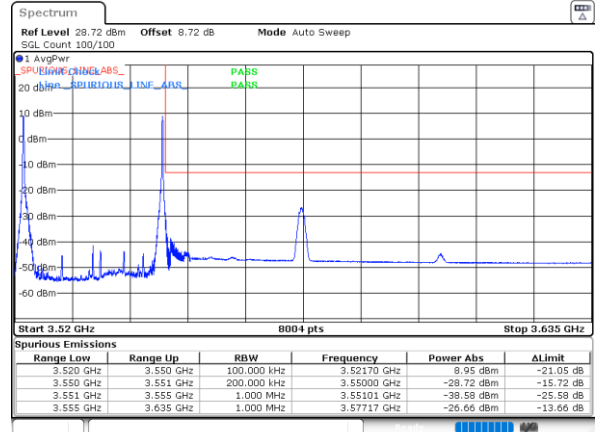
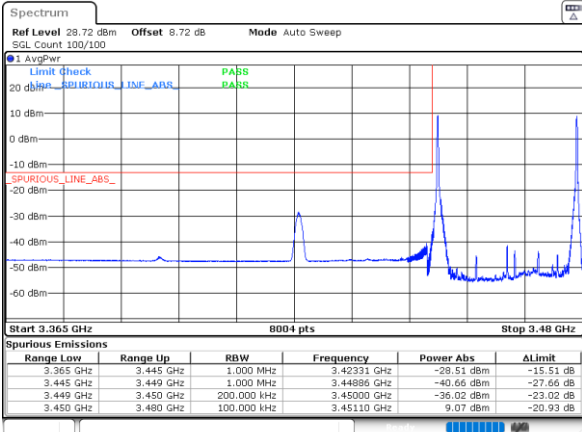


LTE Band 42C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

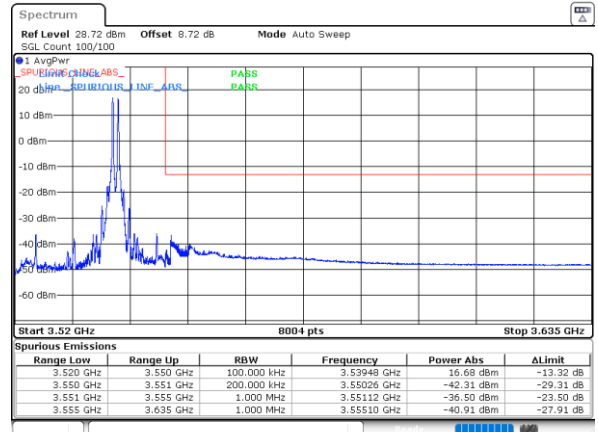
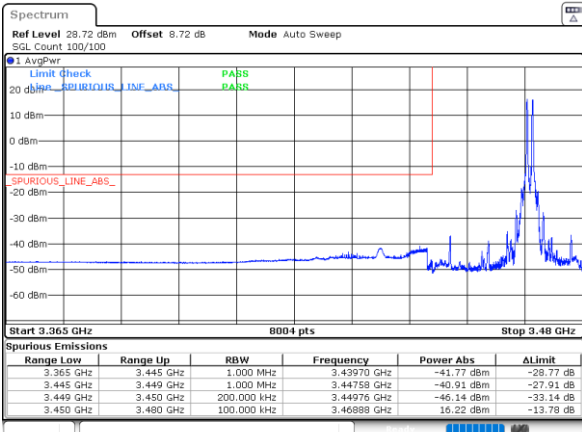


Date: 26.MAR.2024 06:44:38

Date: 26.MAR.2024 07:03:12

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

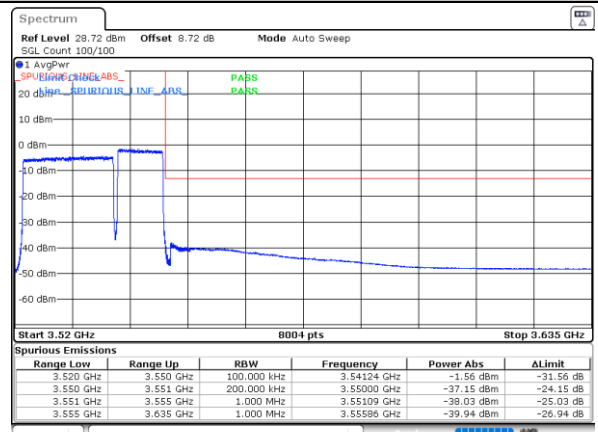
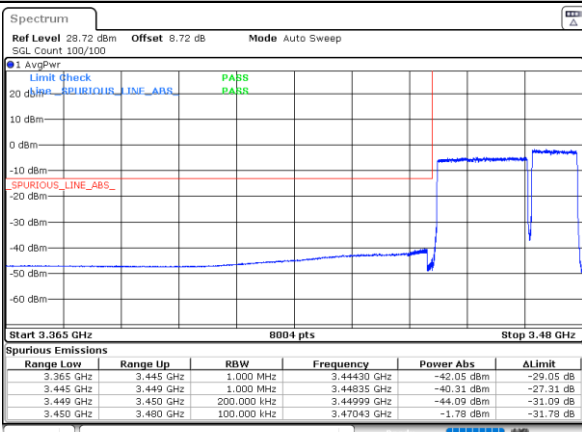


Date: 26.MAR.2024 06:39:41

Date: 26.MAR.2024 06:58:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.MAR.2024 06:49:36

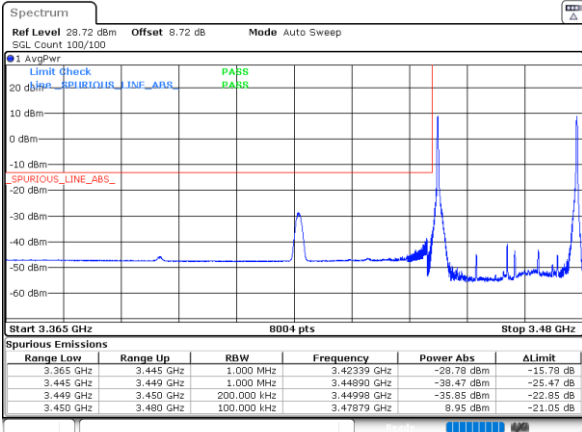
Date: 26.MAR.2024 07:08:10



LTE Band 42C / 20MHz+10MHz

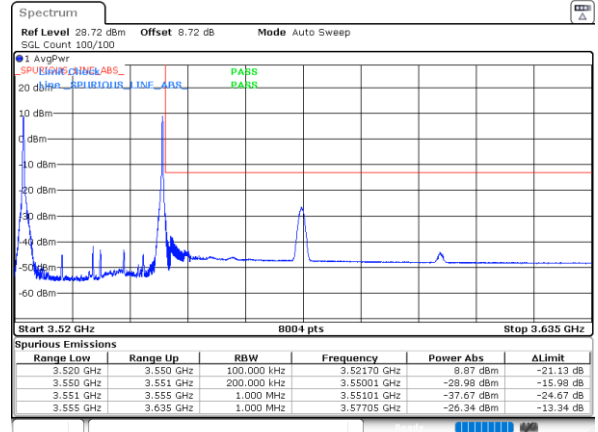
64QAM

Lowest Band Edge / 1RB0 and 1RB49



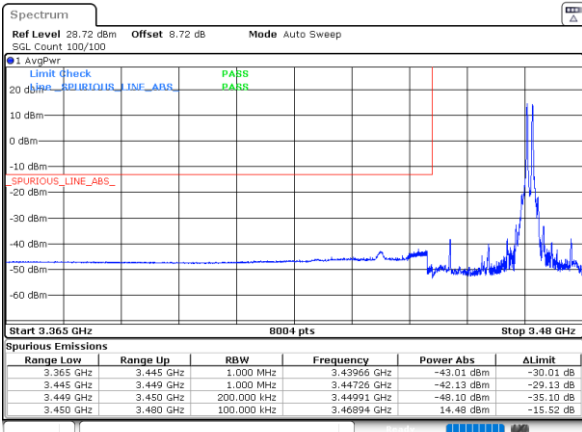
Date: 26.MAR.2024 06:45:52

Highest Band Edge / 1RB0 and 1RB49



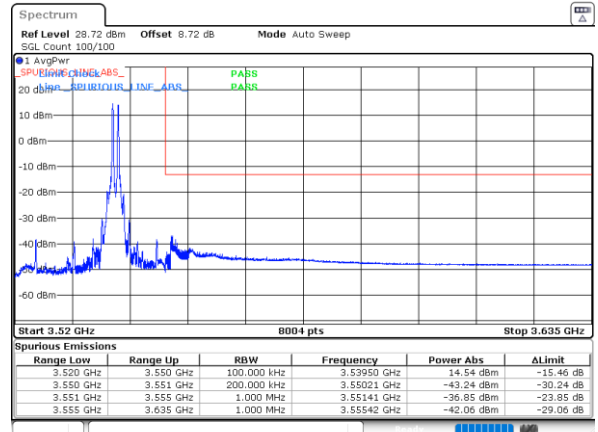
Date: 26.MAR.2024 07:04:27

Lowest Band Edge / 1RB99 and 1RB0



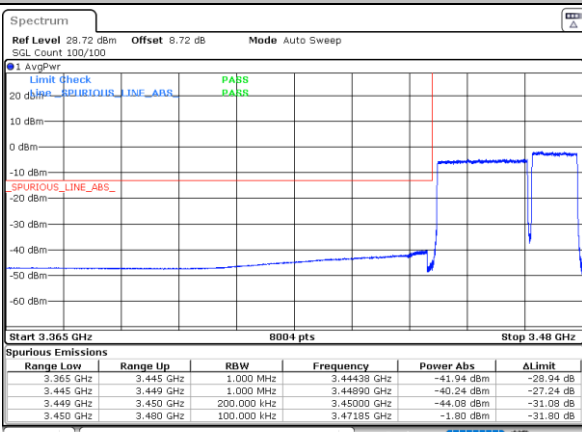
Date: 26.MAR.2024 06:40:55

Highest Band Edge / 1RB99 and 1RB0



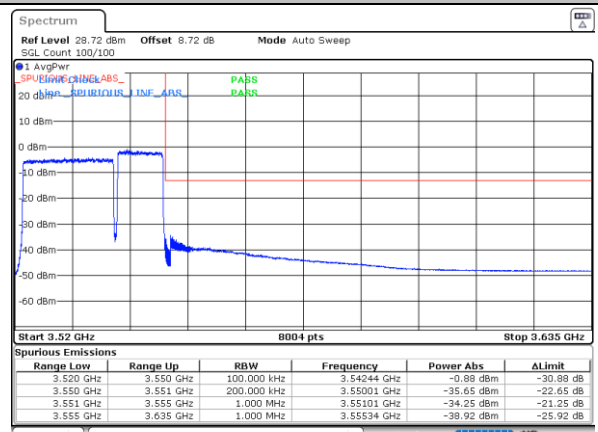
Date: 26.MAR.2024 06:59:29

Lowest Band Edge / Full RB



Date: 26.MAR.2024 06:50:50

Highest Band Edge / Full RB



Date: 26.MAR.2024 07:09:25

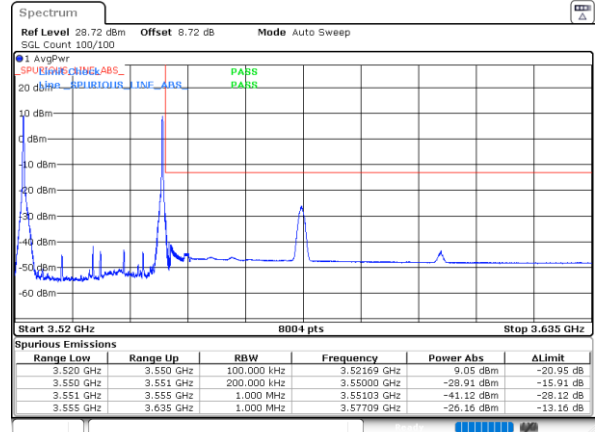
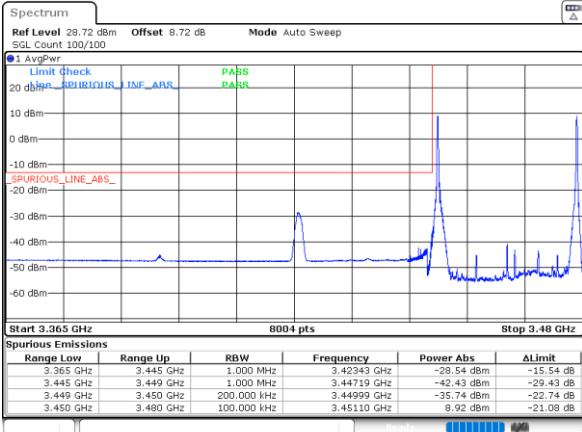


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

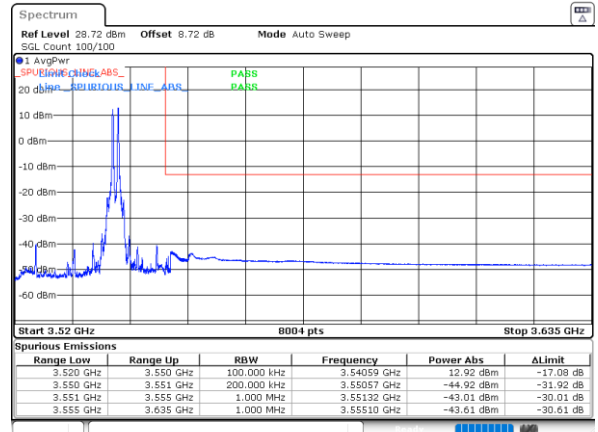
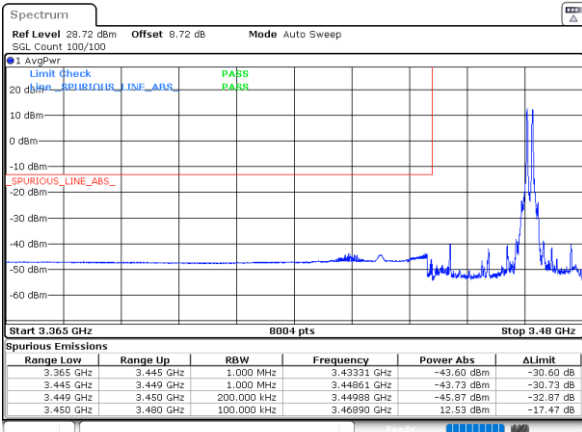


Date: 26.MAR.2024 06:47:07

Date: 26.MAR.2024 07:05:41

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

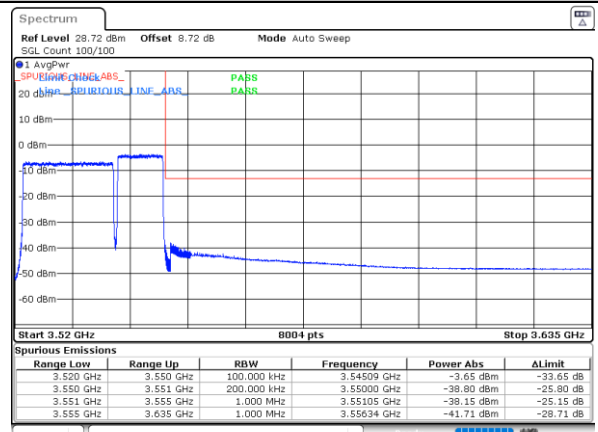
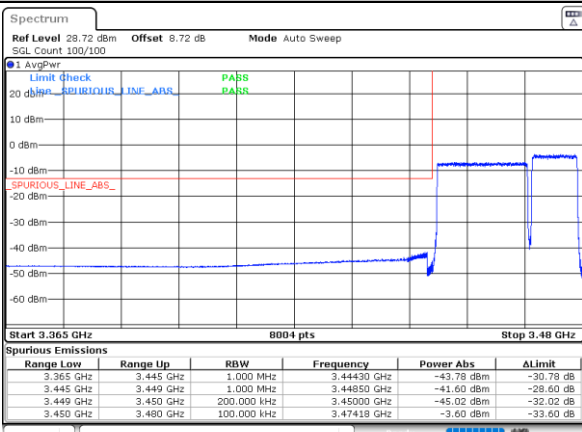


Date: 26.MAR.2024 06:42:09

Date: 26.MAR.2024 07:00:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.MAR.2024 06:52:04

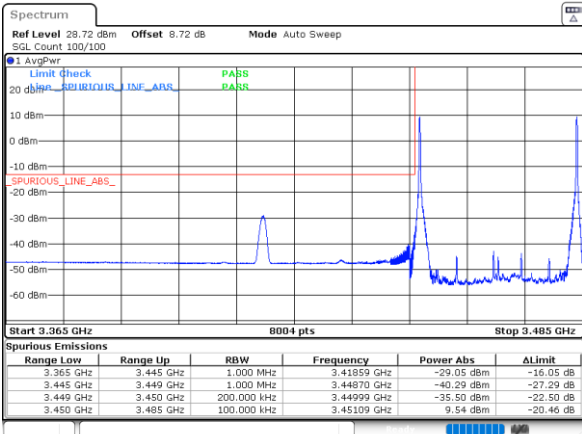
Date: 26.MAR.2024 07:10:39



LTE Band 42C / 20MHz+15MHz

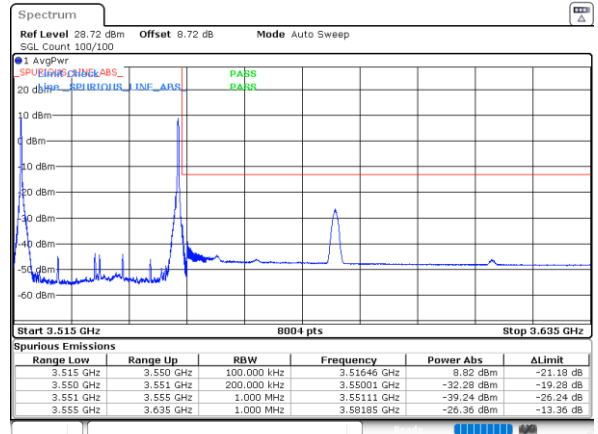
QPSK

Lowest Band Edge / 1RB0 and 1RB74



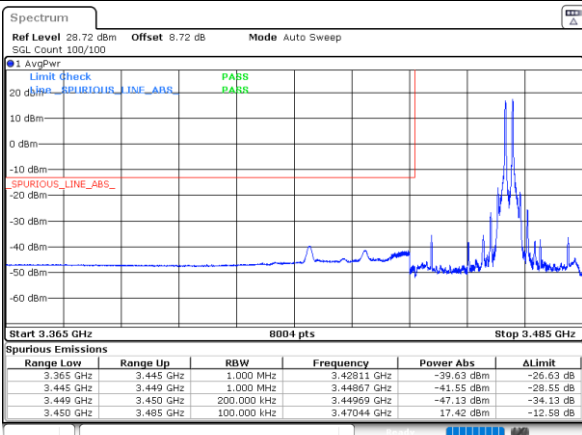
Date: 26.MAR.2024 07:18:20

Highest Band Edge / 1RB0 and 1RB74



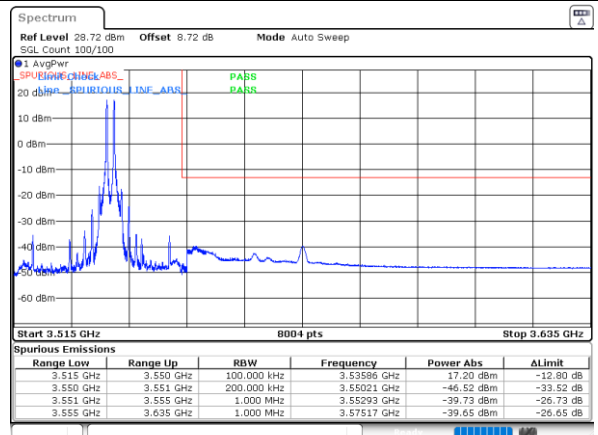
Date: 26.MAR.2024 07:16:51

Lowest Band Edge / 1RB99 and 1RB0



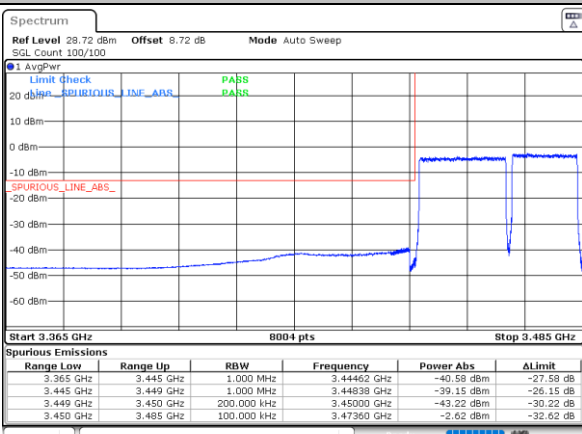
Date: 26.MAR.2024 07:13:22

Highest Band Edge / 1RB99 and 1RB0



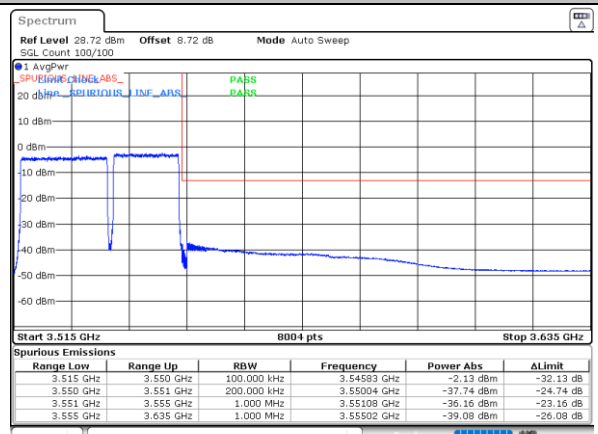
Date: 26.MAR.2024 07:31:54

Lowest Band Edge / Full RB



Date: 26.MAR.2024 07:23:17

Highest Band Edge / Full RB



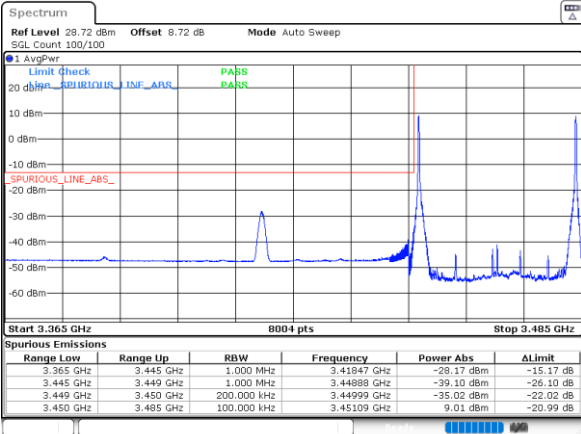
Date: 26.MAR.2024 07:41:49



LTE Band 42C / 20MHz+15MHz

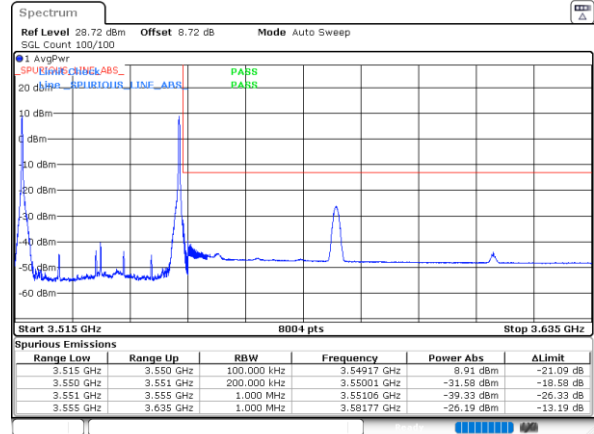
16QAM

Lowest Band Edge / 1RB0 and 1RB74



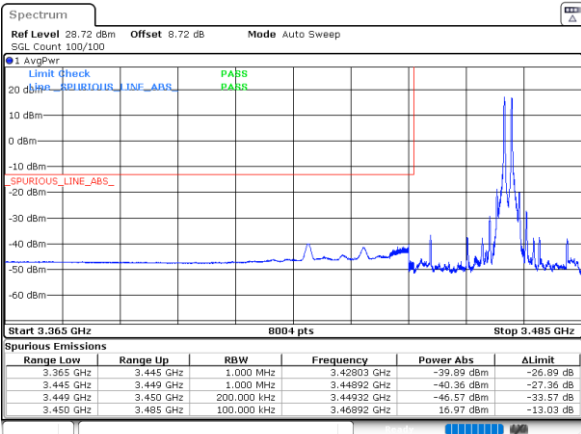
Date: 26.MAR.2024 07:19:34

Highest Band Edge / 1RB0 and 1RB74



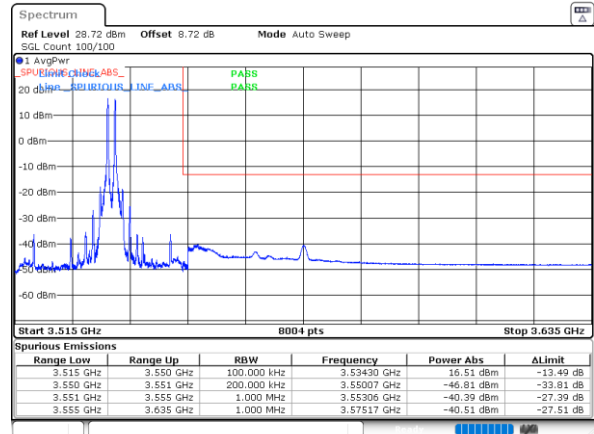
Date: 26.MAR.2024 07:38:05

Lowest Band Edge / 1RB99 and 1RB0



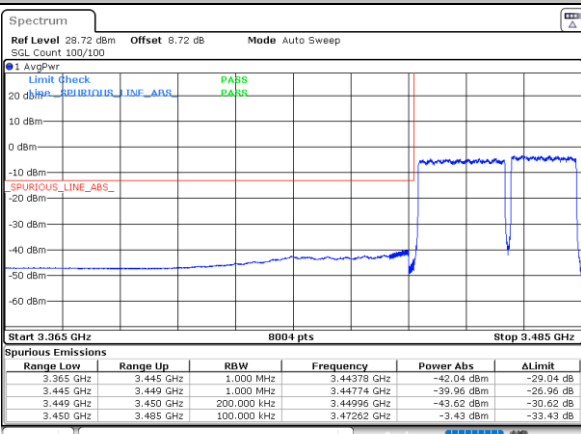
Date: 26.MAR.2024 07:14:37

Highest Band Edge / 1RB99 and 1RB0



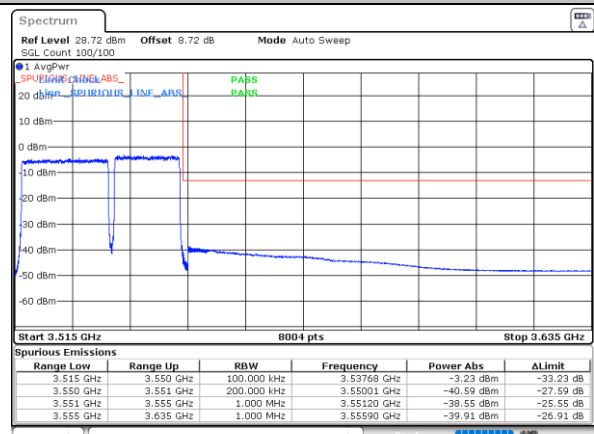
Date: 26.MAR.2024 07:33:08

Lowest Band Edge / Full RB



Date: 26.MAR.2024 07:24:31

Highest Band Edge / Full RB



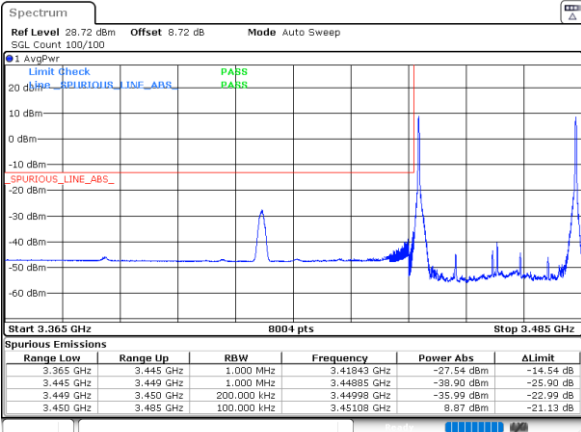
Date: 26.MAR.2024 07:43:03



LTE Band 42C / 20MHz+15MHz

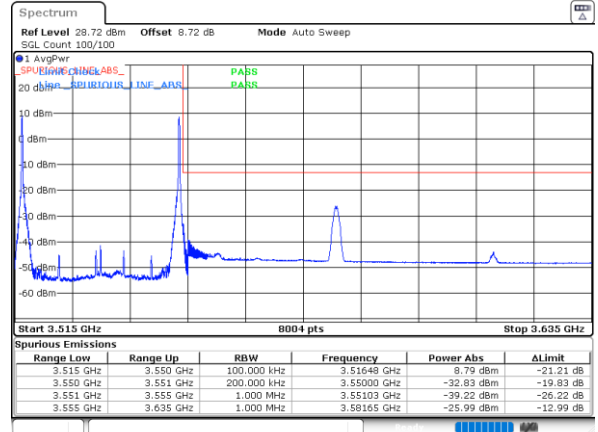
64QAM

Lowest Band Edge / 1RB0 and 1RB74



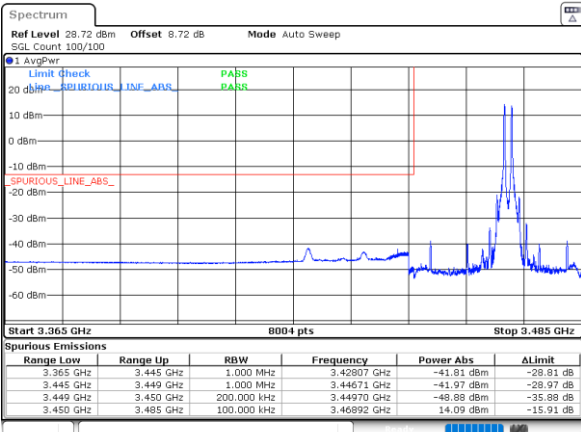
Date: 26.MAR.2024 07:20:48

Highest Band Edge / 1RB0 and 1RB74



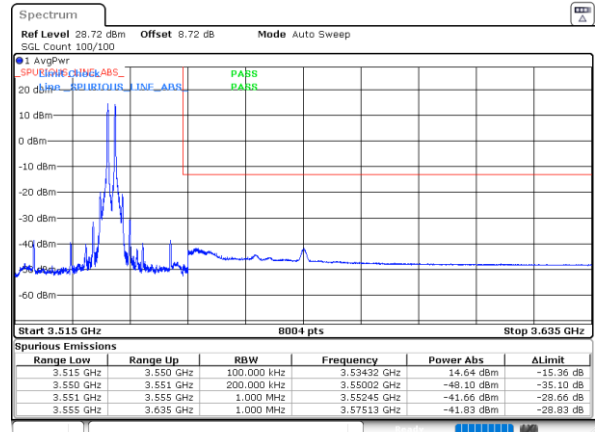
Date: 26.MAR.2024 07:39:20

Lowest Band Edge / 1RB99 and 1RB0



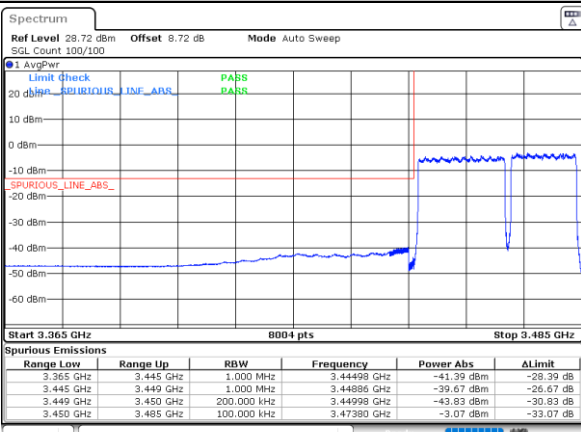
Date: 26.MAR.2024 07:15:51

Highest Band Edge / 1RB99 and 1RB0



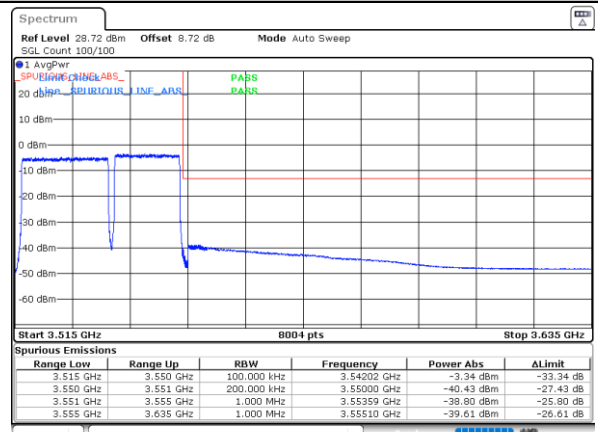
Date: 26.MAR.2024 07:34:22

Lowest Band Edge / Full RB



Date: 26.MAR.2024 07:25:46

Highest Band Edge / Full RB



Date: 26.MAR.2024 07:44:17

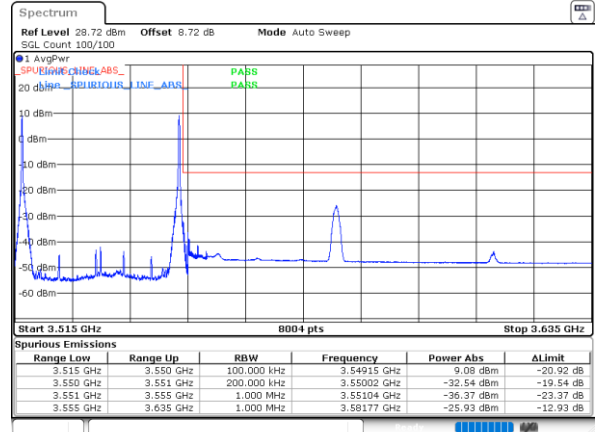
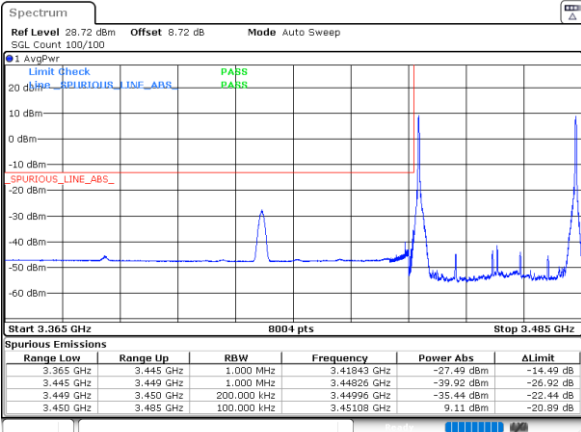


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

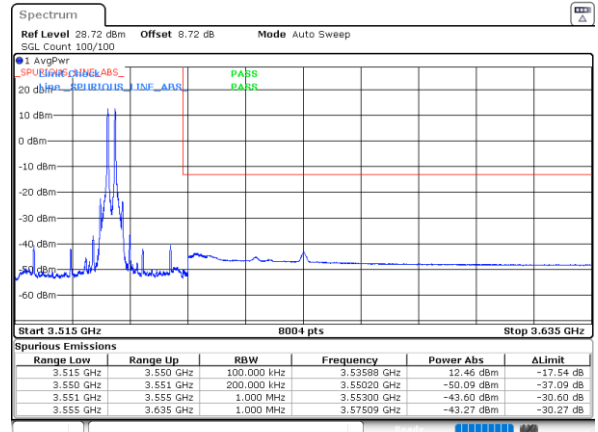
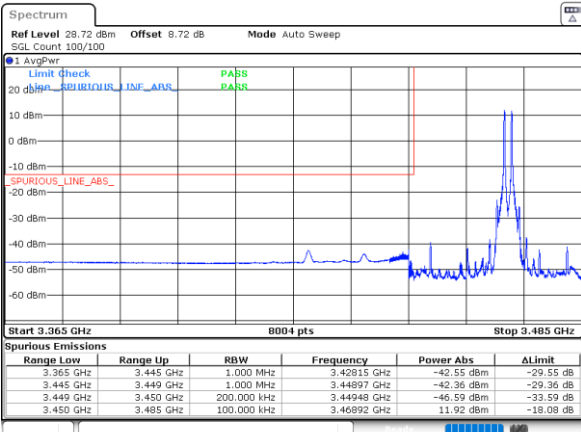


Date: 26.MAR.2024 07:22:02

Date: 26.MAR.2024 07:40:34

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

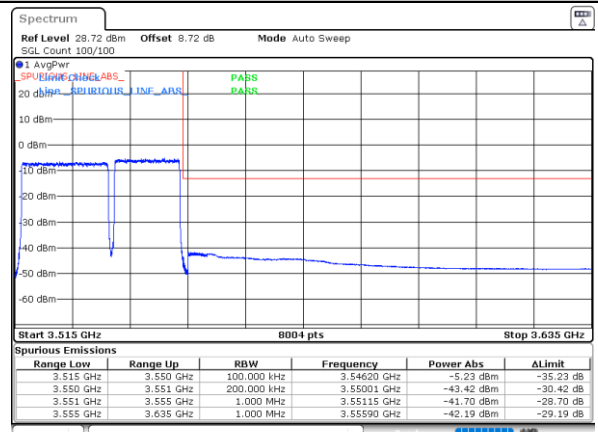
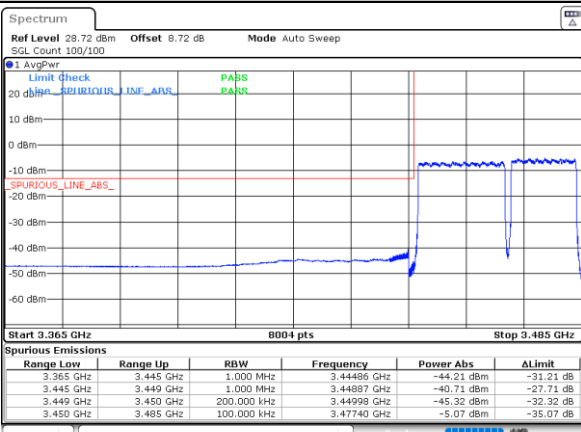


Date: 26.MAR.2024 07:17:05

Date: 26.MAR.2024 07:35:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

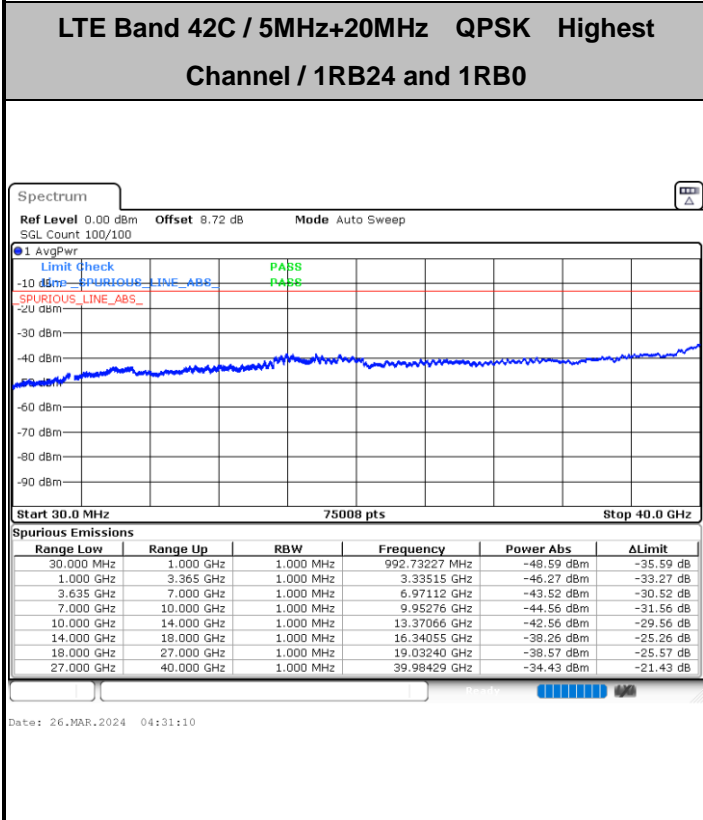
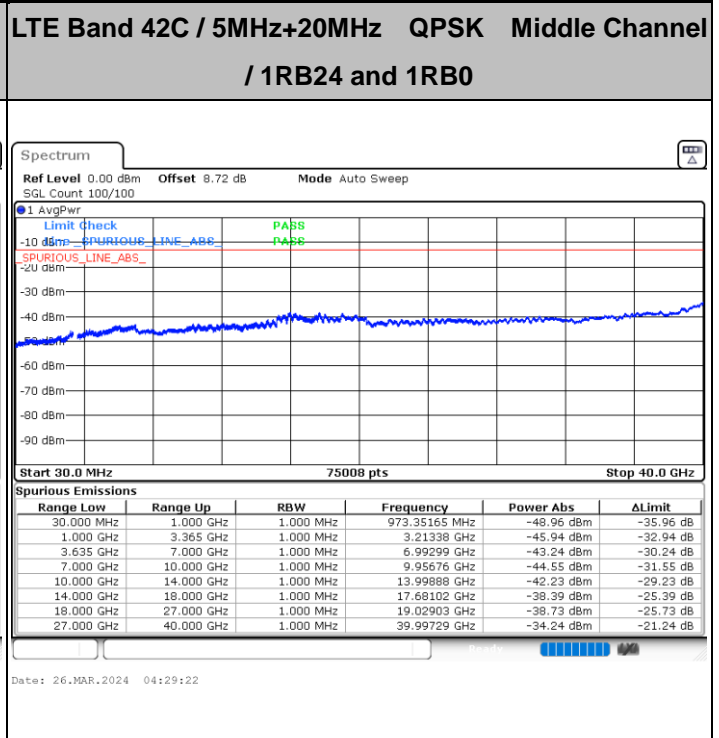
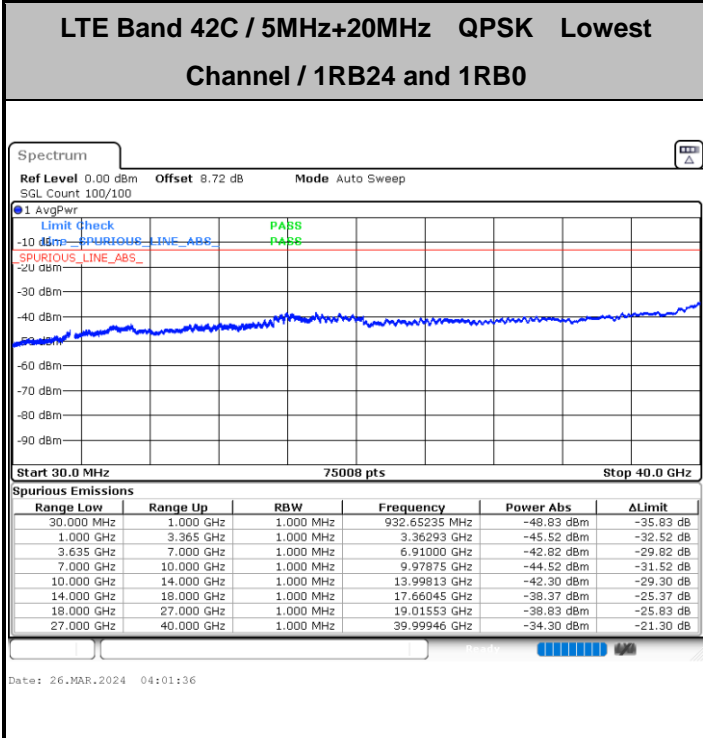


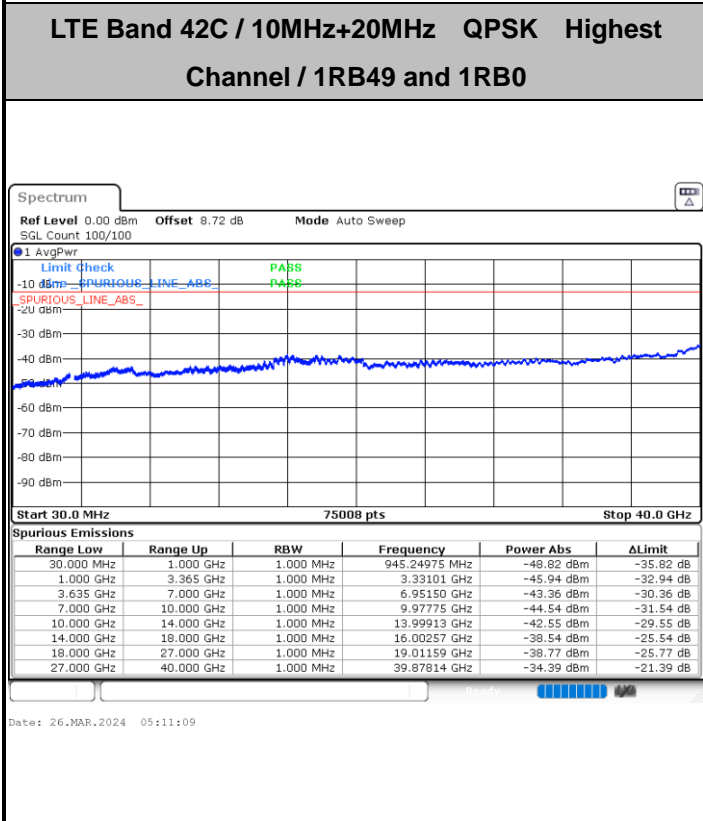
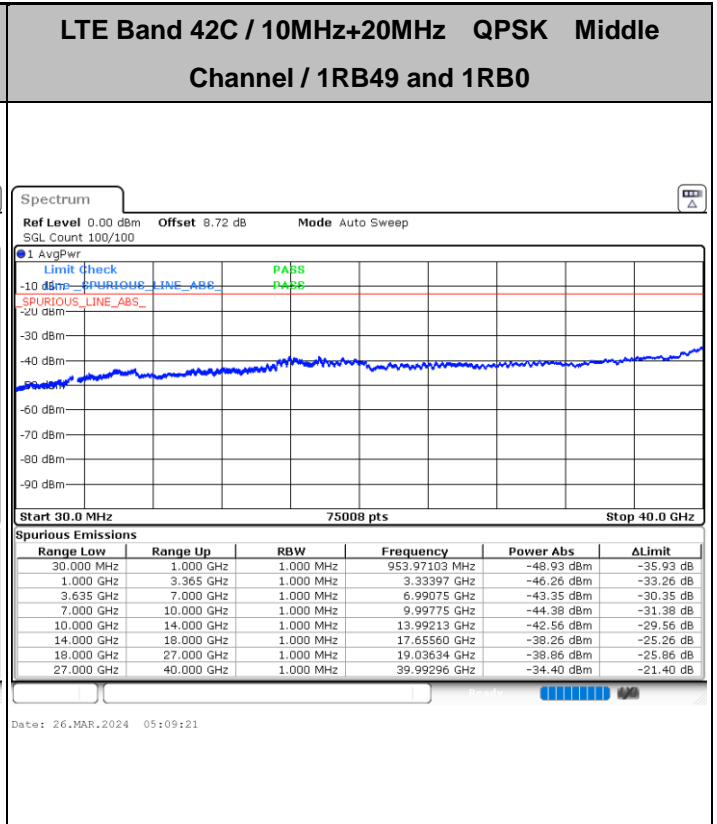
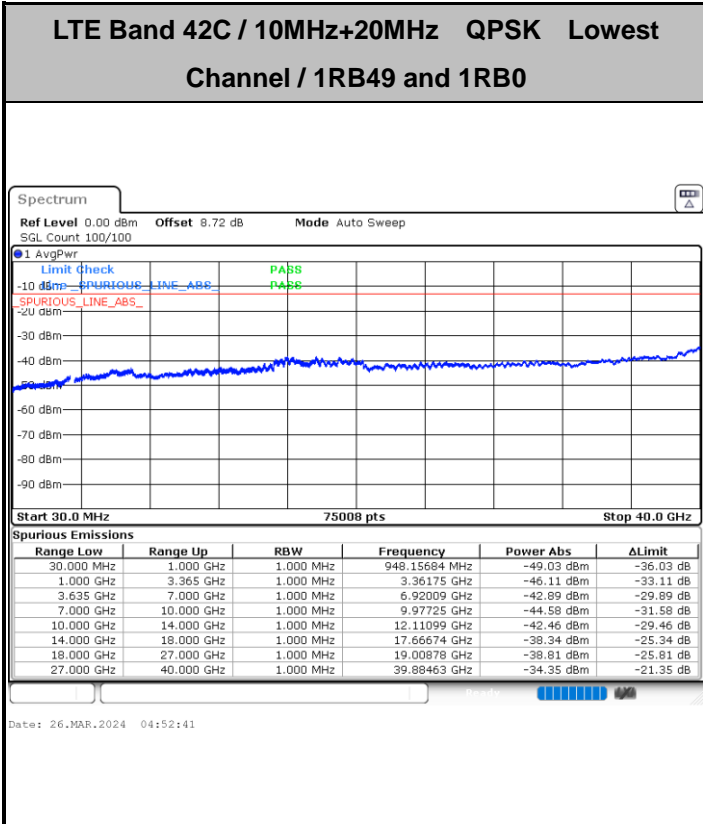
Date: 26.MAR.2024 07:27:00

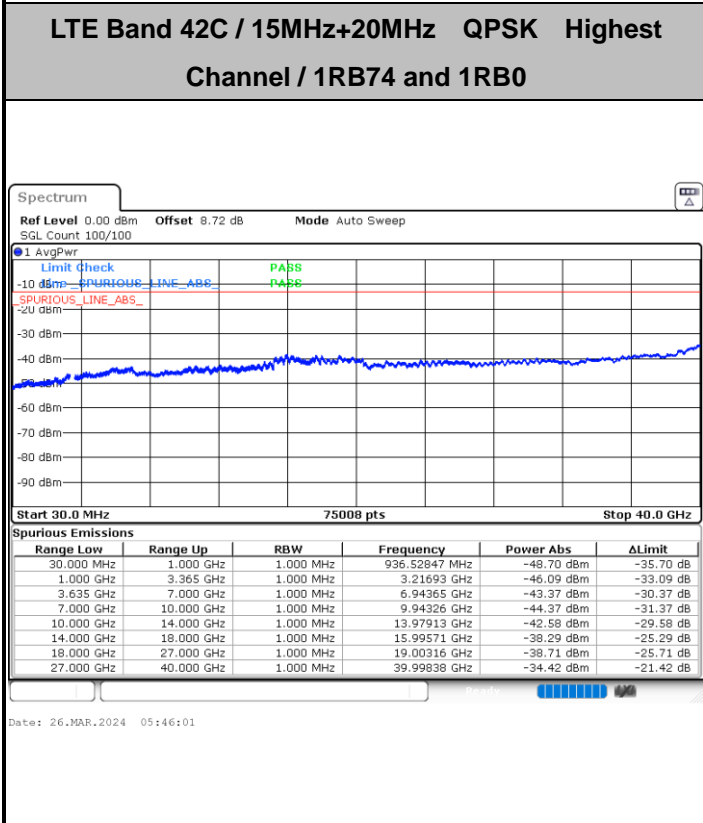
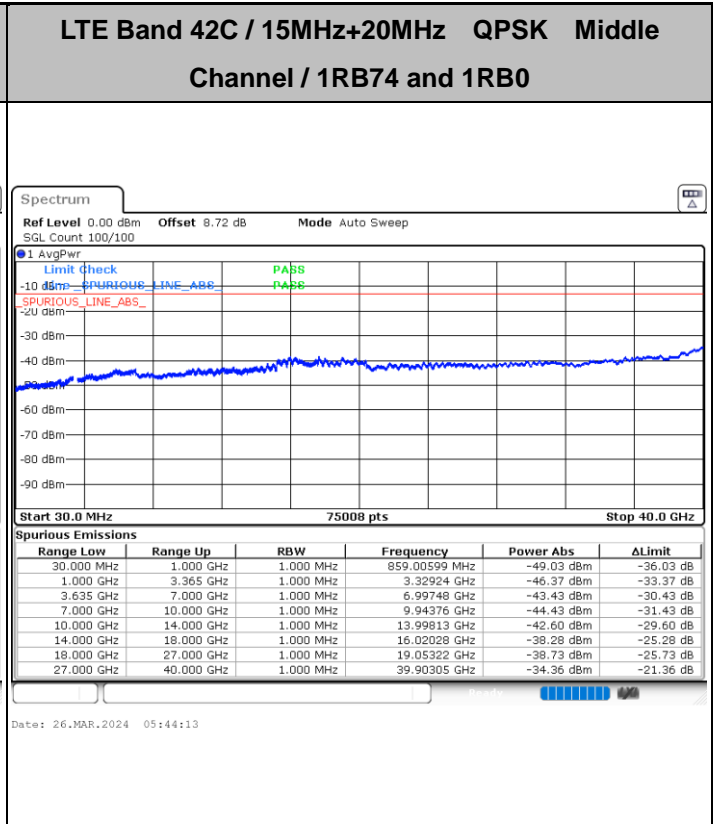
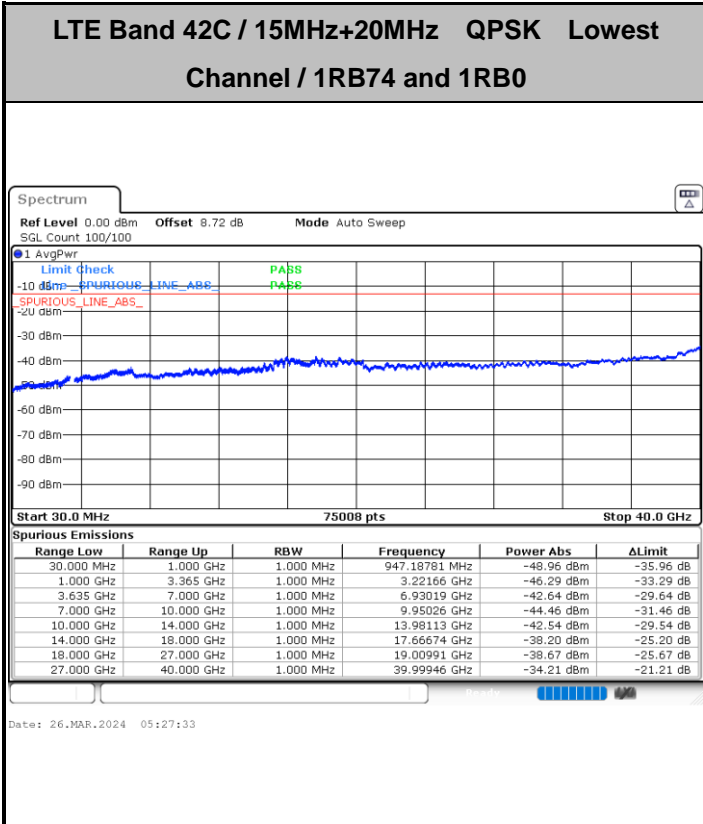
Date: 26.MAR.2024 07:45:31

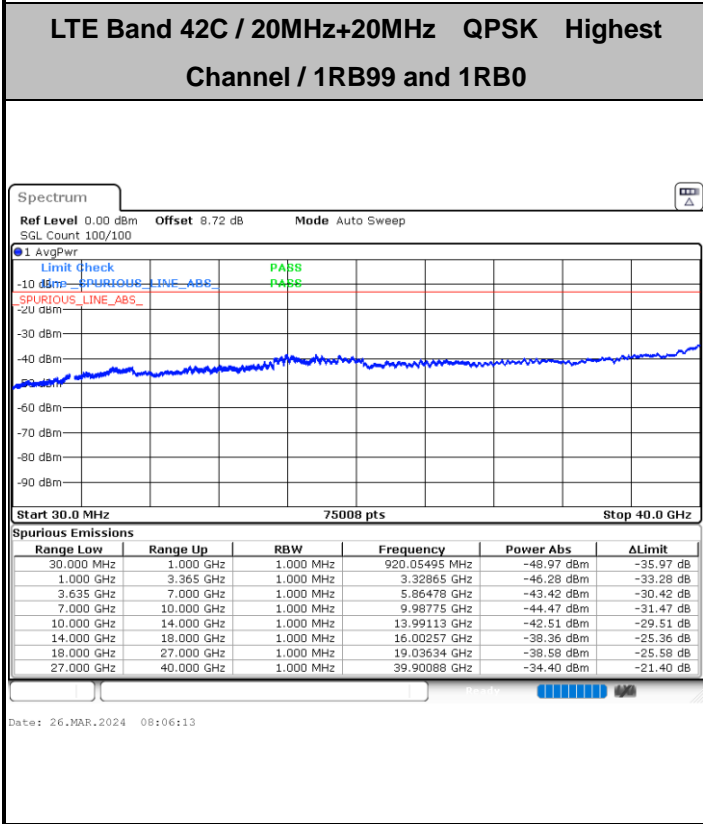
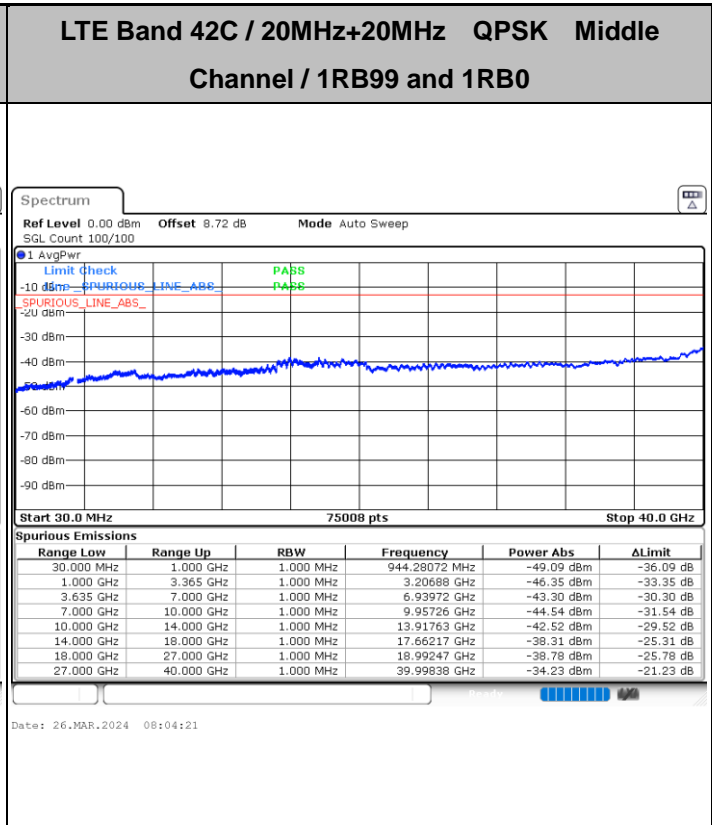
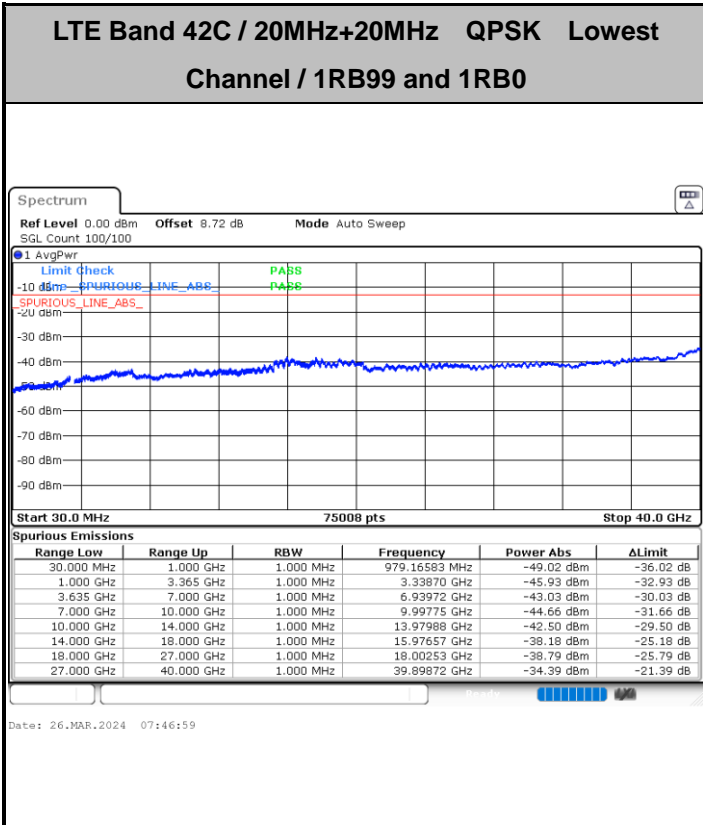


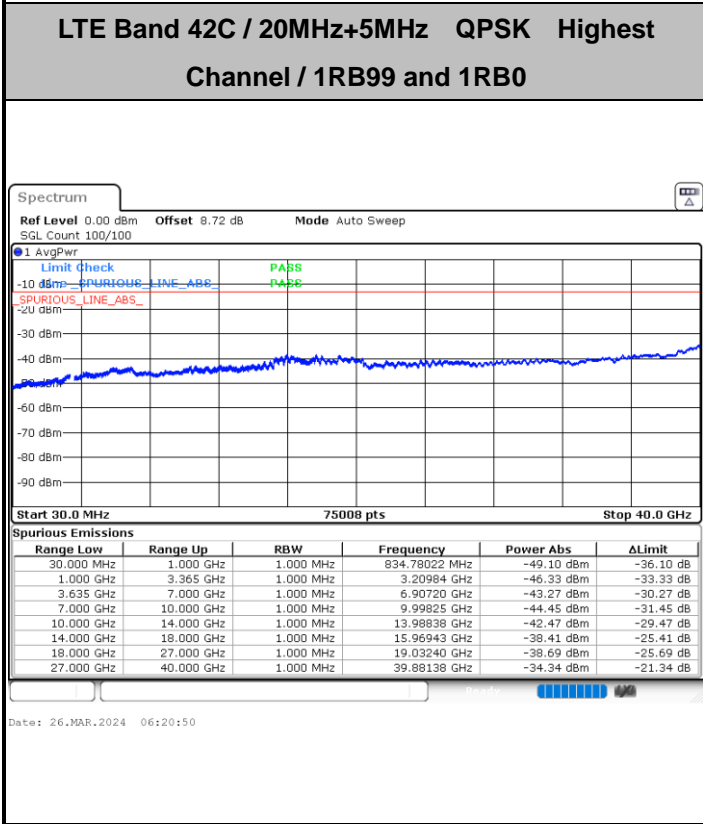
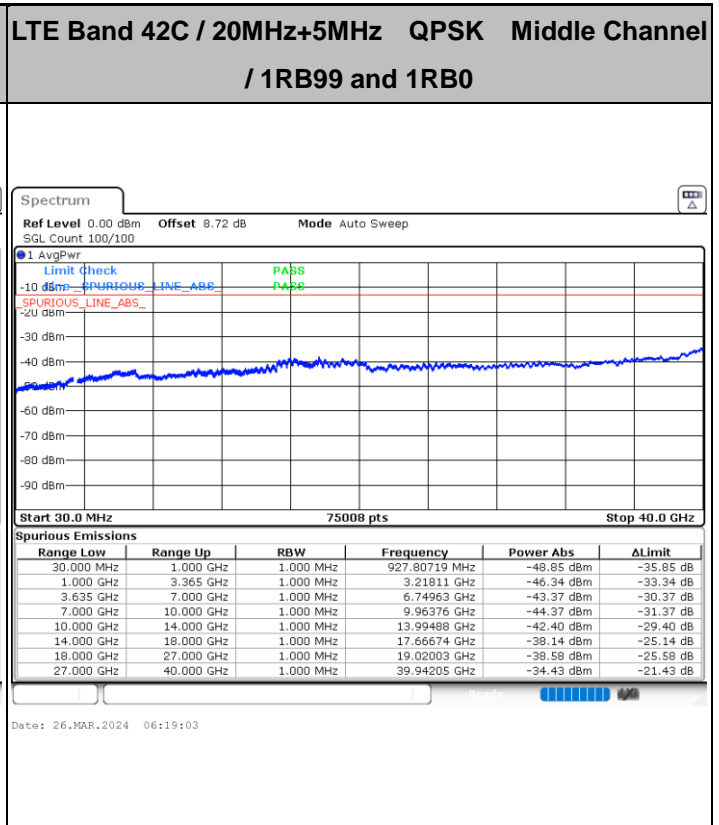
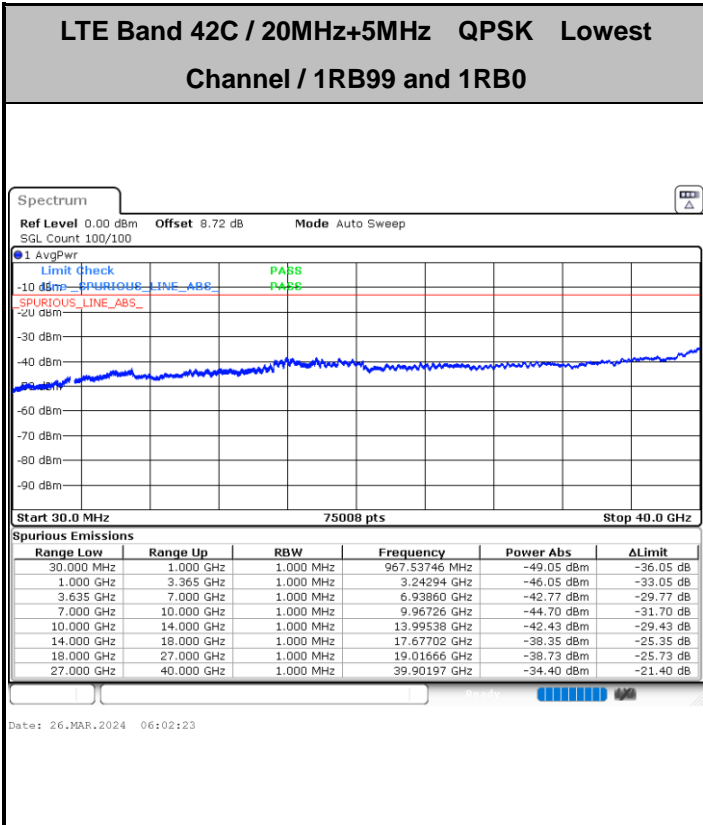
Conducted Spurious Emission







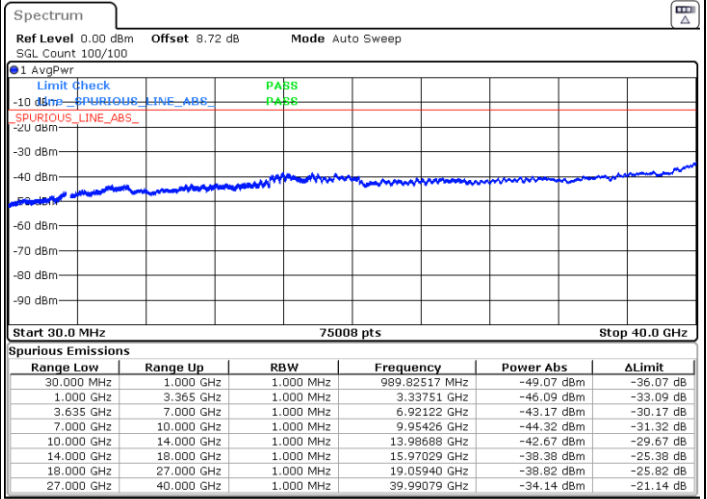
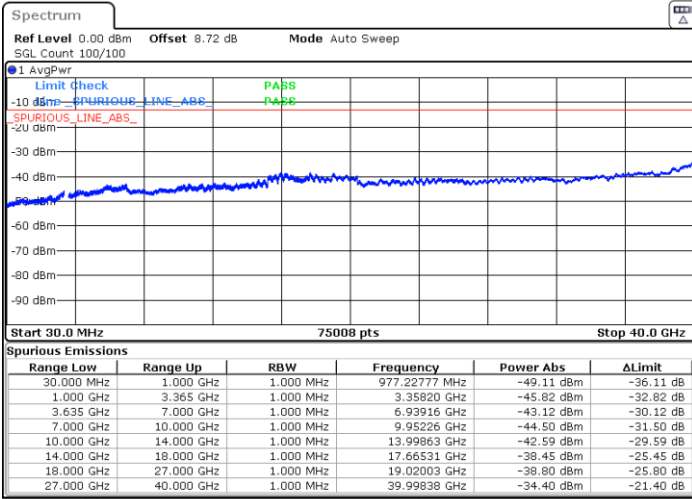






LTE Band 42C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

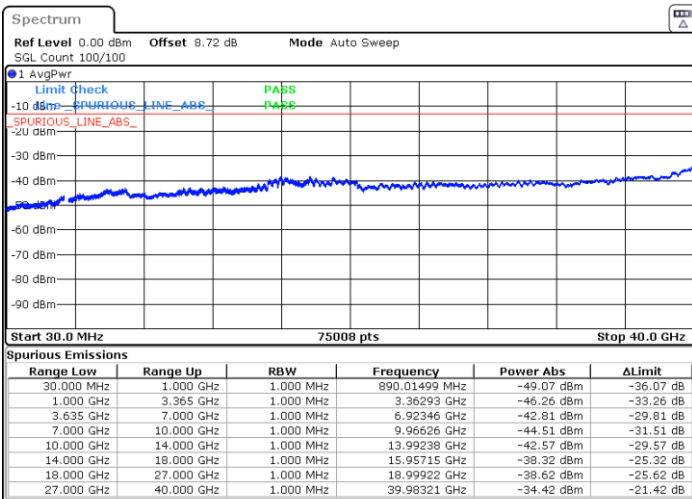
LTE Band 42C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 26.MAR.2024 06:37:13

Date: 26.MAR.2024 06:53:56

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

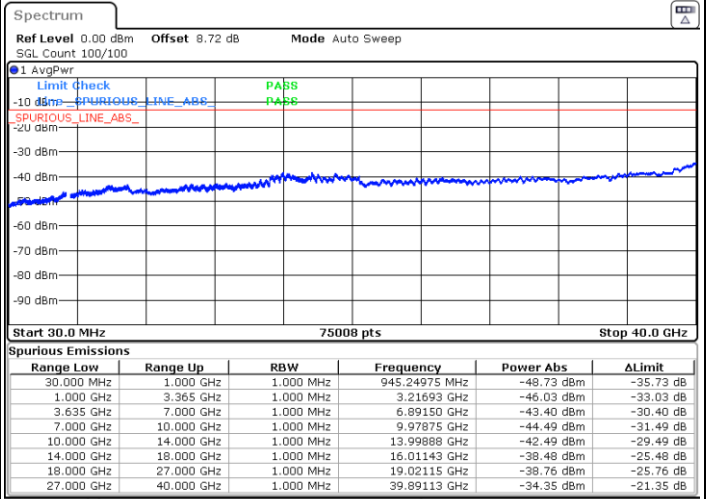
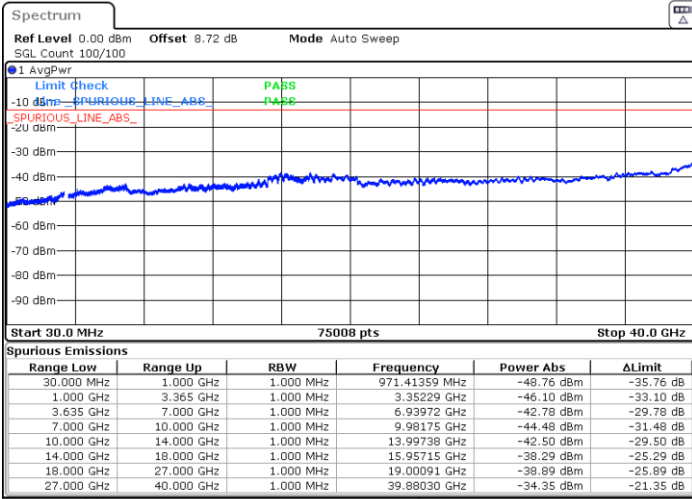


Date: 26.MAR.2024 06:55:47



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

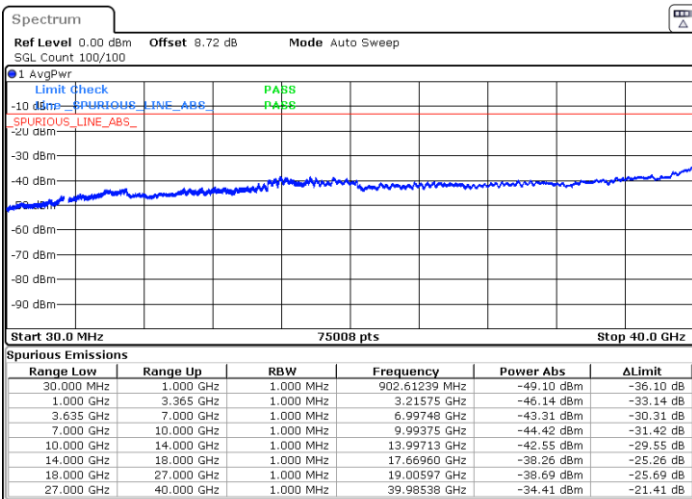
LTE Band 42C / 20MHz+15MHz QPSK Middle Channel / 1RB99 and 1RB0



Date: 26.MAR.2024 07:12:09

Date: 26.MAR.2024 07:28:51

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



Date: 26.MAR.2024 07:30:39

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	0.0014	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

LTE Band 42 / 20MHz / QPSK / Ant. 6								
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	-63.36	-13	-50.36	-73.57	3.03	13.24	H
	10476	-60.39	-13	-47.39	-69.84	3.56	13.01	H
	13968	-60.31	-13	-47.31	-69.83	3.92	13.44	H
	6984	-63.46	-13	-50.46	-73.67	3.03	13.24	V
	10476	-60.72	-13	-47.72	-70.17	3.56	13.01	V
	13968	-60.00	-13	-47.00	-69.52	3.92	13.44	V

LTE Band 42C CA / 20MHz+20MHz / QPSK / Ant. 6									
Channel	Condition	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	PCC	6960	-62.93	-13	-49.93	-73.14	3.03	13.24	H
		10440	-60.84	-13	-47.84	-70.29	3.56	13.01	H
		13920	-59.72	-13	-46.72	-69.24	3.92	13.44	H
		6960	-62.67	-13	-49.67	-72.88	3.03	13.24	V
		10440	-61.18	-13	-48.18	-70.63	3.56	13.01	V
		13920	-59.27	-13	-46.27	-68.79	3.92	13.44	V
	SCC	6996	-62.47	-13	-49.47	-72.68	3.03	13.24	H
		10500	-60.18	-13	-47.18	-69.63	3.56	13.01	H
		14004	-60.21	-13	-47.21	-69.73	3.92	13.44	H
		6996	-62.77	-13	-49.77	-72.98	3.03	13.24	V
		10500	-60.24	-13	-47.24	-69.69	3.56	13.01	V
		14004	-60.23	-13	-47.23	-69.75	3.92	13.44	V

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