

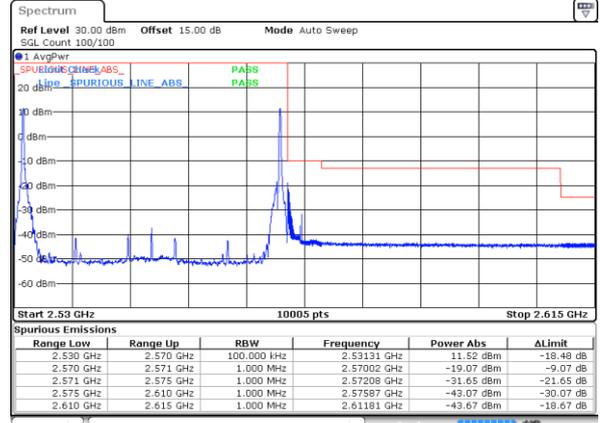
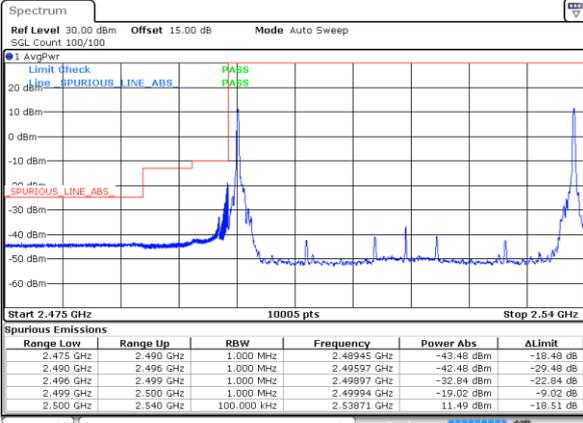


LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

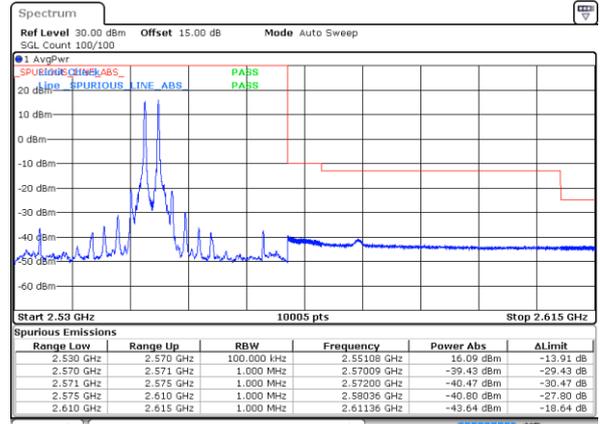
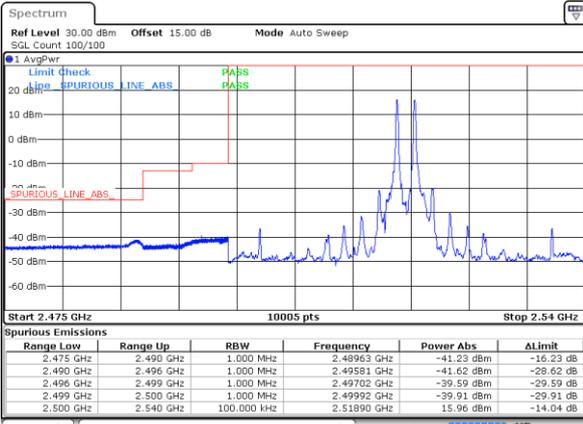


Date: 6 MAY 2025 21:57:17

Date: 6 MAY 2025 22:07:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

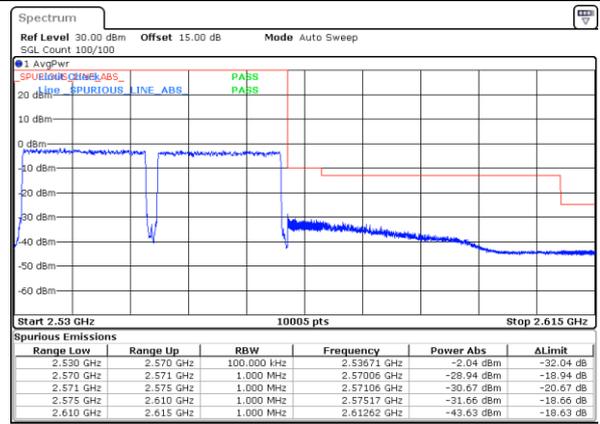
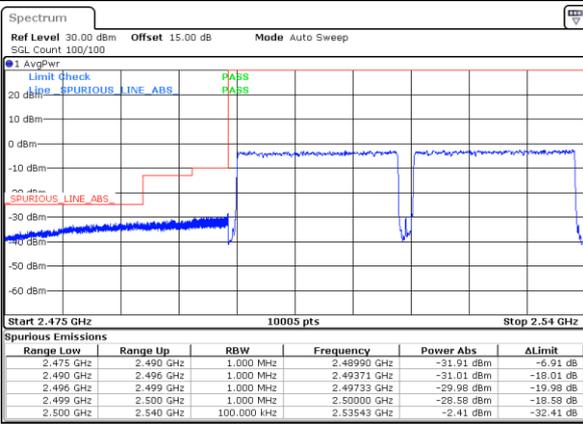


Date: 6 MAY 2025 21:56:24

Date: 6 MAY 2025 22:07:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6 MAY 2025 22:01:40

Date: 6 MAY 2025 22:02:38



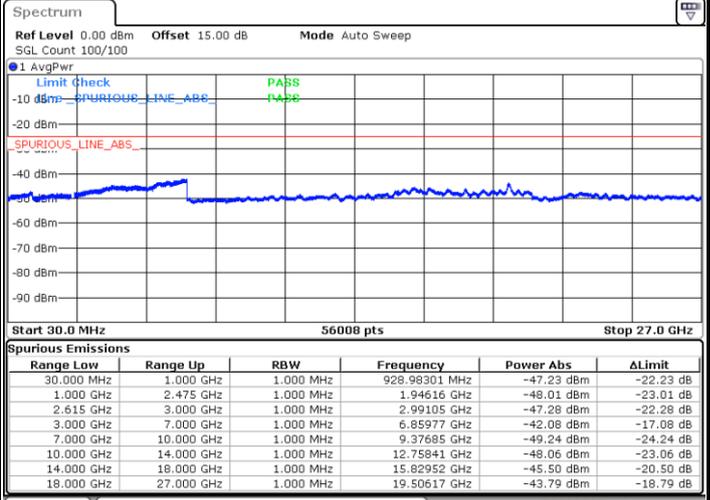
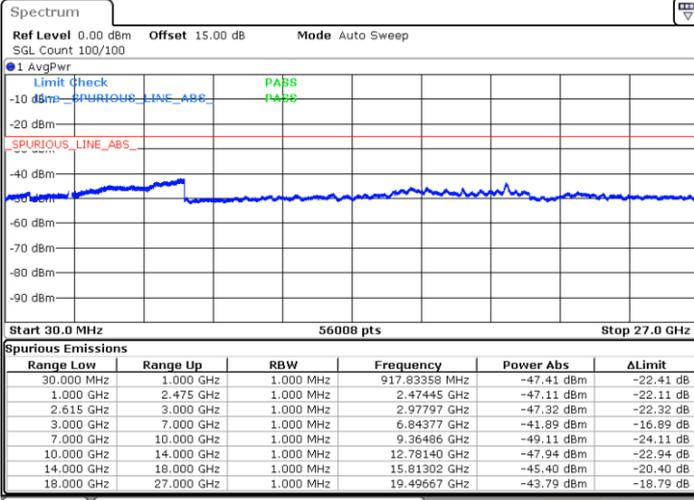
# Conducted Spurious Emission

## LTE Band 7C / 10MHz+20MHz

### QPSK

#### Lowest Channel / 1RB49 and 1RB0

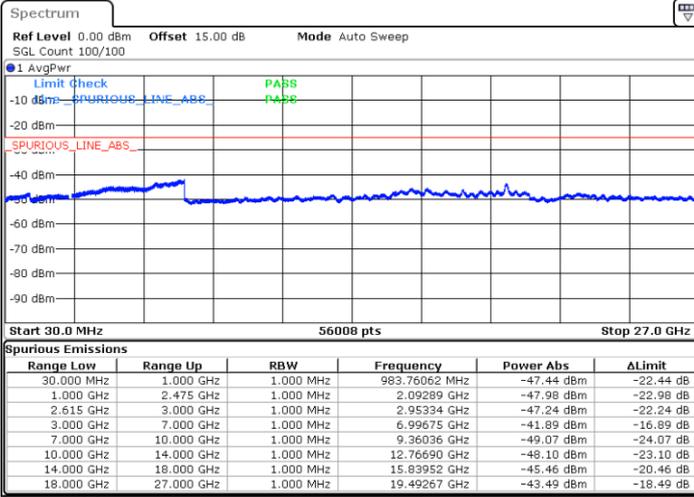
#### Middle Channel / 1RB49 and 1RB0



Date: 6 MAY.2025 20:02:44

Date: 6 MAY.2025 20:01:25

#### Highest Channel / 1RB49 and 1RB0



Date: 6 MAY.2025 20:20:14

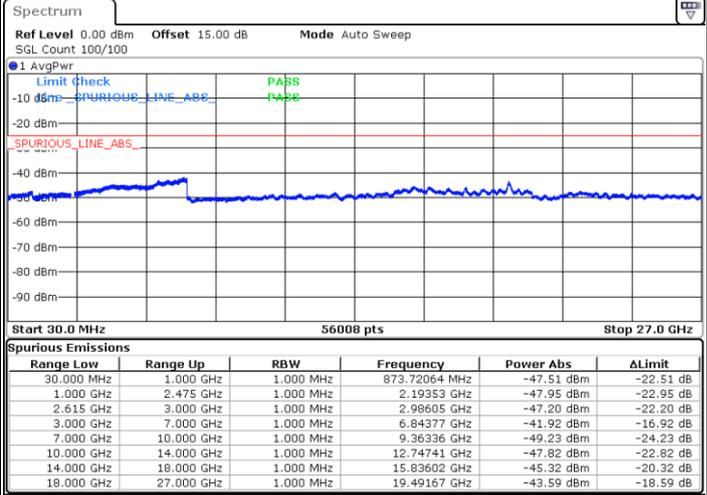
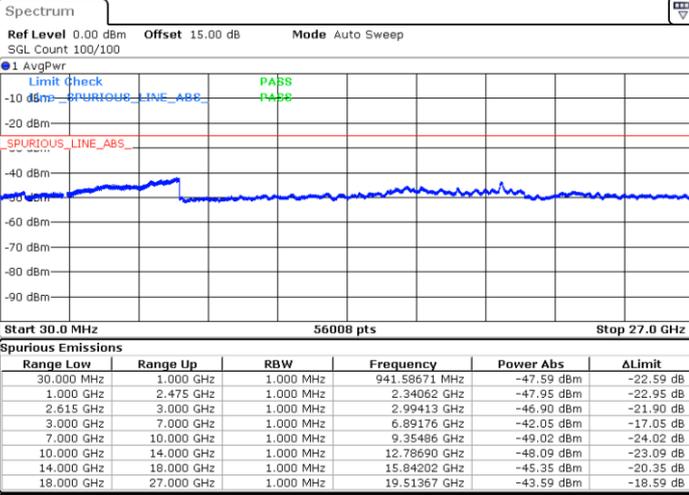


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

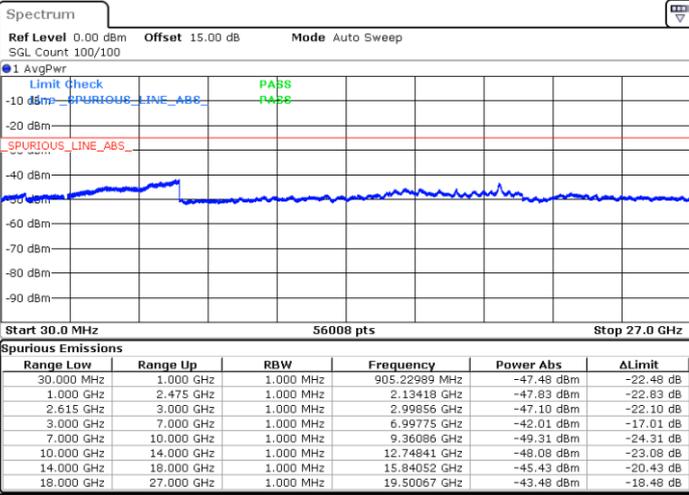
Middle Channel / 1RB74 and 1RB0



Date: 6 MAY 2025 22:14:22

Date: 6 MAY 2025 22:15:35

Highest Channel / 1RB0 and 1RB49



Date: 6 MAY 2025 22:33:19

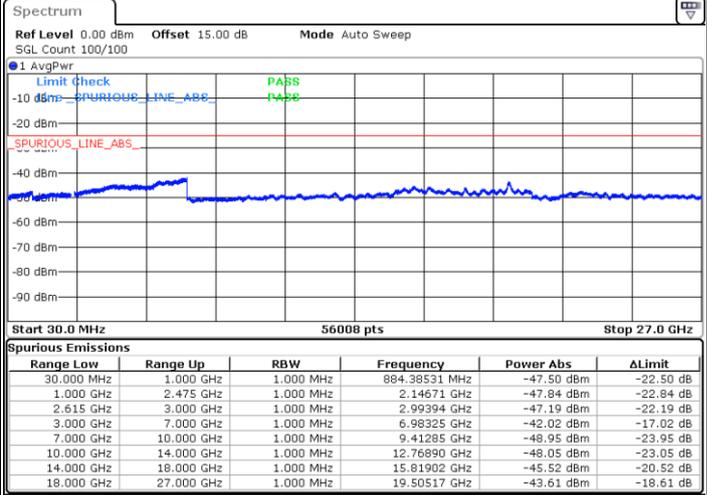
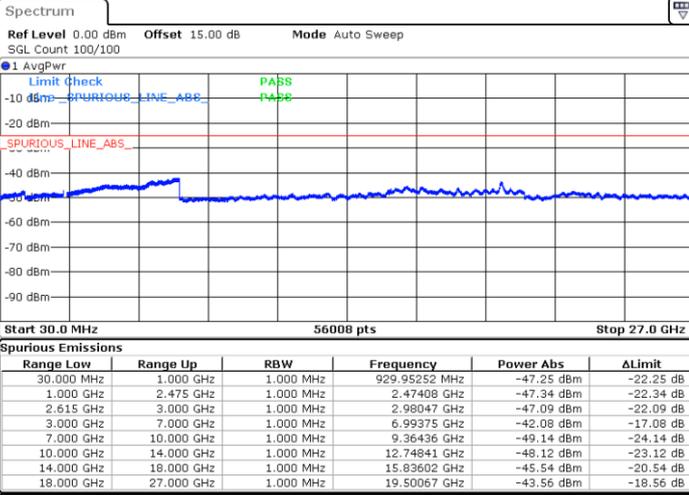


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

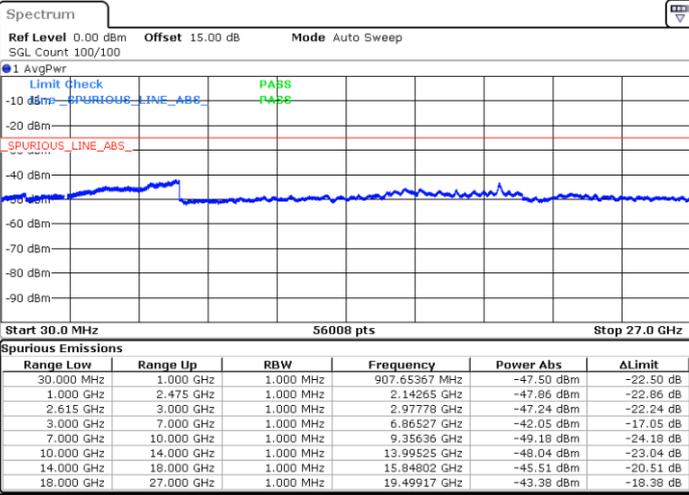
Middle Channel / 1RB74 and 1RB0



Date: 6 MAY 2025 20:47:22

Date: 6 MAY 2025 20:45:55

Highest Channel / 1RB0 and 1RB74



Date: 6 MAY 2025 21:04:21

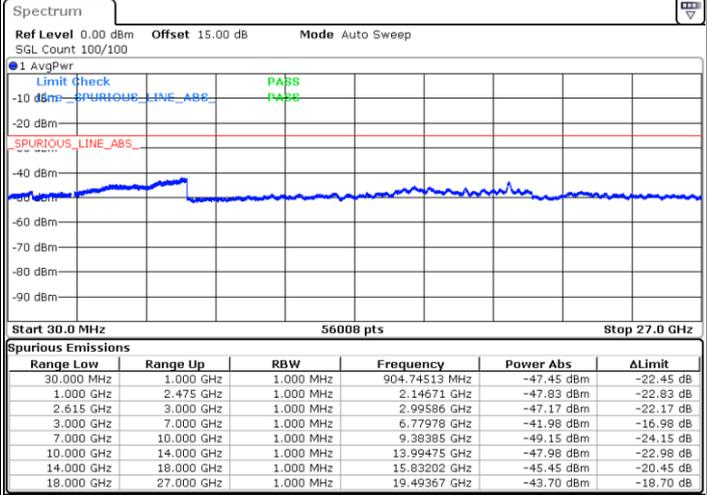
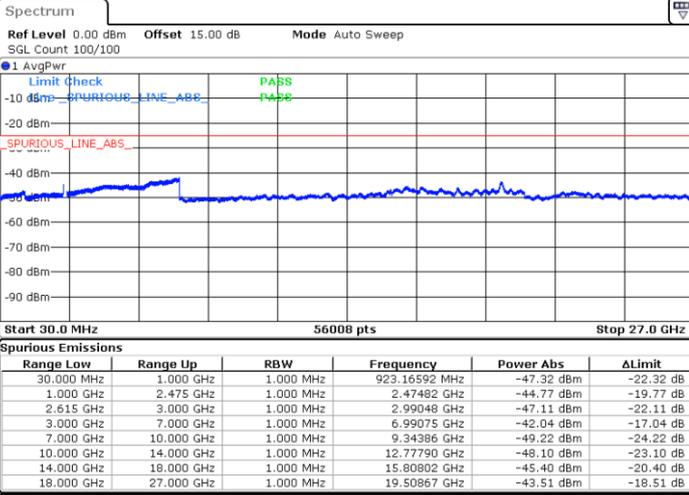


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

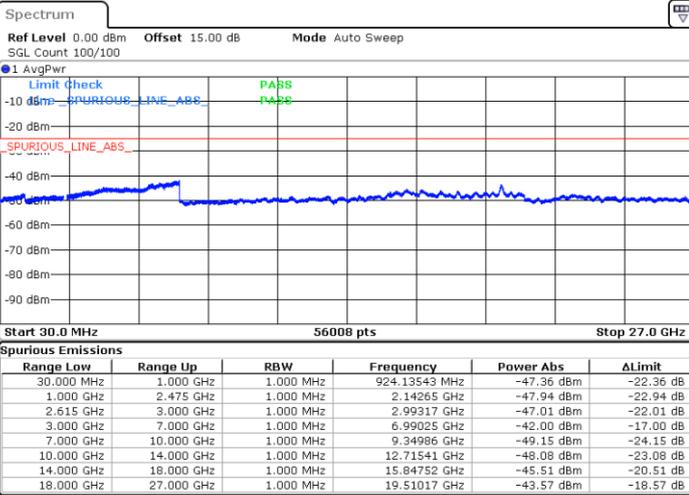
Middle Channel / 1RB74 and 1RB0



Date: 6 MAY.2025 21:08:00

Date: 6 MAY.2025 21:09:13

Highest Channel / 1RB74 and 1RB0



Date: 6 MAY.2025 21:26:56

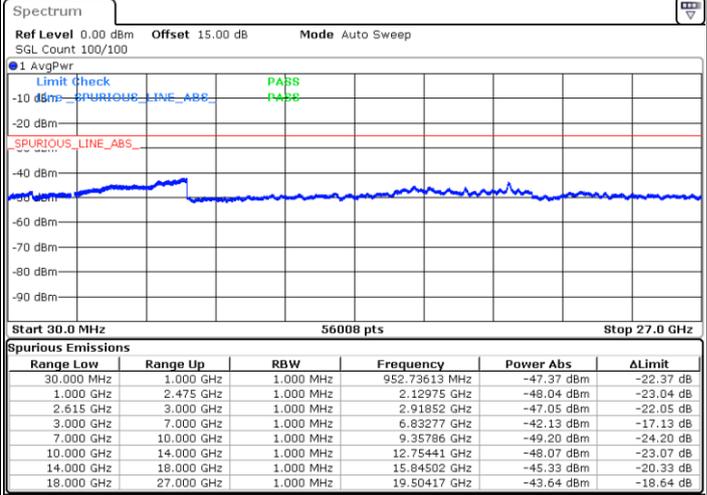
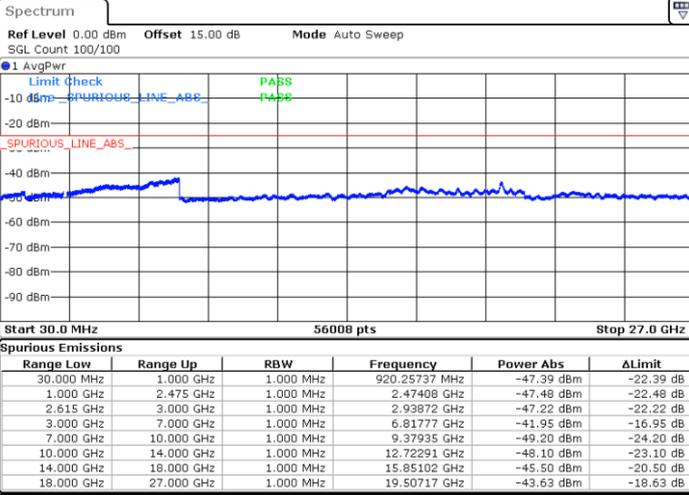


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

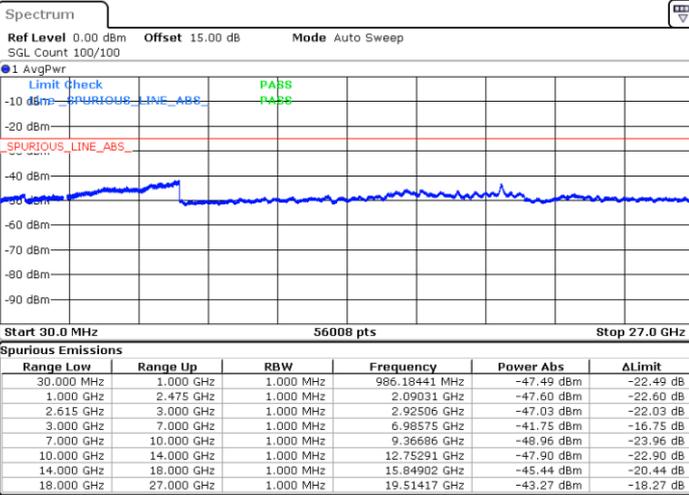
Middle Channel / 1RB99 and 1RB0



Date: 6 MAY.2025 20:24:55

Date: 6 MAY.2025 20:23:41

Highest Channel / 1RB99 and 1RB0



Date: 6 MAY.2025 20:42:37

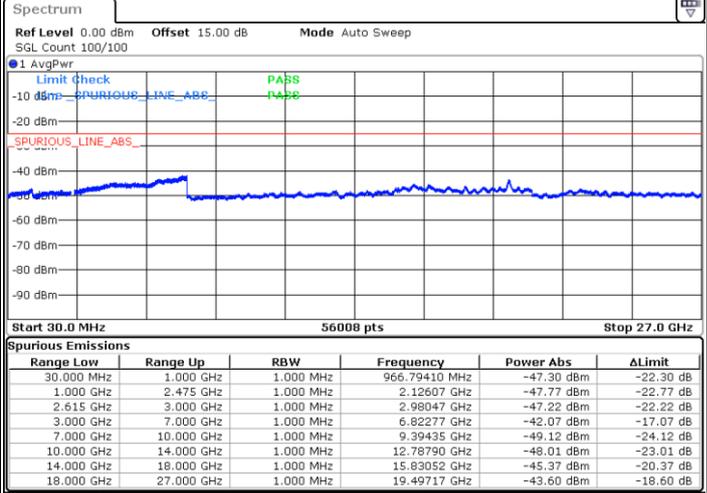
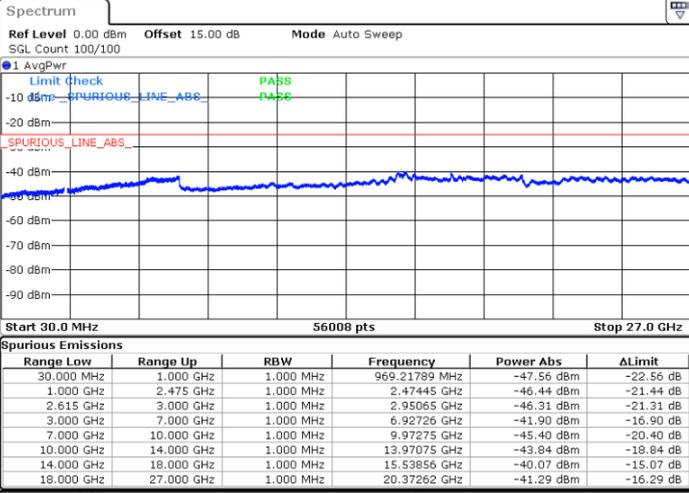


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

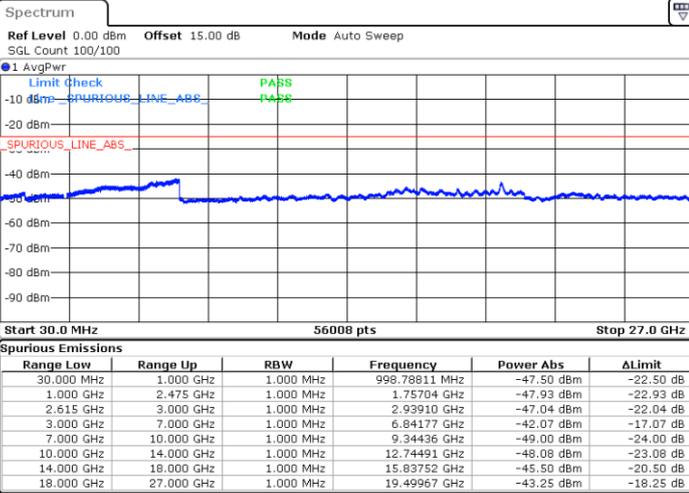
Middle Channel / 1RB99 and 1RB0



Date: 7.MAY.2025 16:41:36

Date: 6.MAY.2025 21:31:37

Highest Channel / 1RB99 and 1RB0



Date: 6.MAY.2025 21:49:20

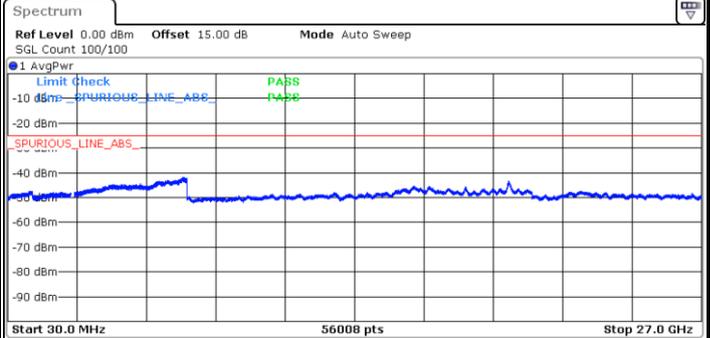
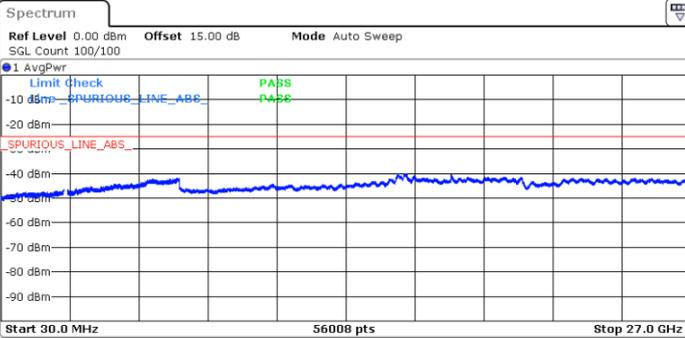


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



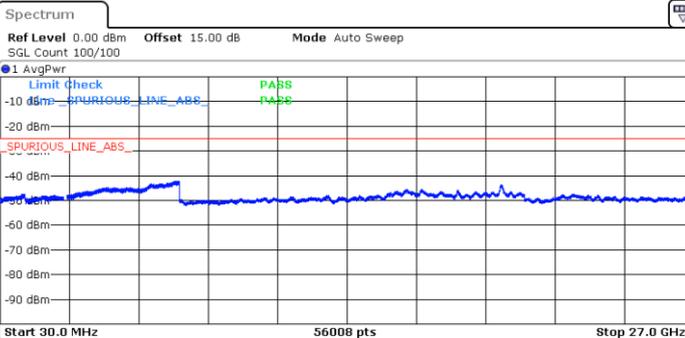
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-47.66 dBm	-22.66 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-46.35 dBm	-21.35 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96970 GHz	-46.17 dBm	-21.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-41.88 dBm	-16.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96276 GHz	-45.32 dBm	-20.32 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88626 GHz	-43.77 dBm	-18.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55506 GHz	-40.05 dBm	-15.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.04419 GHz	-41.50 dBm	-16.50 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-47.40 dBm	-22.40 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.11169 GHz	-47.86 dBm	-22.86 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97778 GHz	-47.18 dBm	-22.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.82677 GHz	-42.00 dBm	-17.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.35036 GHz	-49.17 dBm	-24.17 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.73891 GHz	-48.06 dBm	-23.06 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.42495 GHz	-45.44 dBm	-20.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.49817 GHz	-43.38 dBm	-18.38 dB

Date: 7.MAY.2025 16:43:08

Date: 6.MAY.2025 21:53:47

Highest Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.51974 MHz	-47.38 dBm	-22.38 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.12017 GHz	-47.99 dBm	-22.99 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94719 GHz	-47.16 dBm	-22.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-42.15 dBm	-17.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.35336 GHz	-49.29 dBm	-24.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99425 GHz	-47.77 dBm	-22.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.43045 GHz	-45.45 dBm	-20.45 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.50667 GHz	-43.56 dBm	-18.56 dB

Date: 6 MAY.2025 22:10:48



## LTE Band 38C

### 26dB Bandwidth

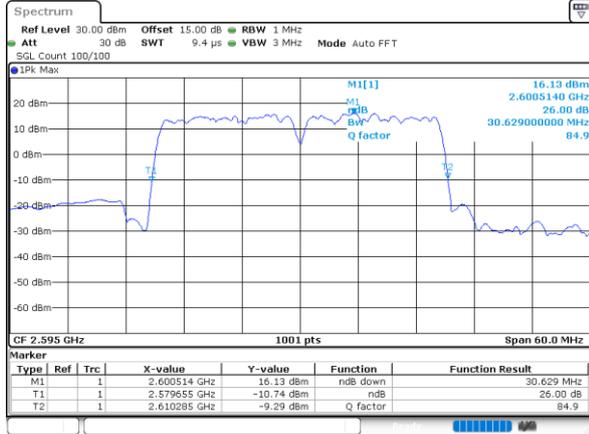
Mode	LTE Band 38C : 26dB BW(MHz)	
	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.63	30.63
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.96	39.80



LTE Band 38C

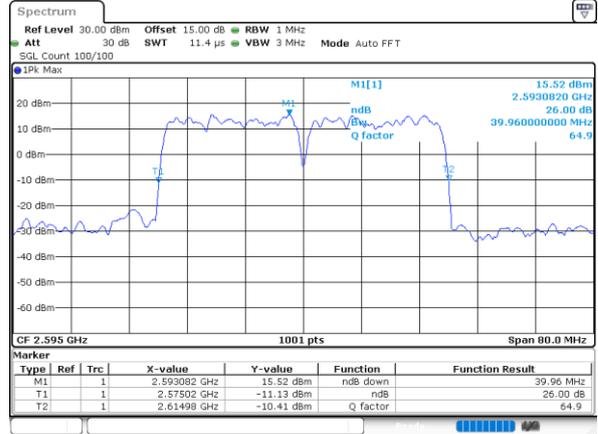
QPSK

Middle Channel / 15MHz+15MHz



Date: 7.MAY.2025 13:32:00

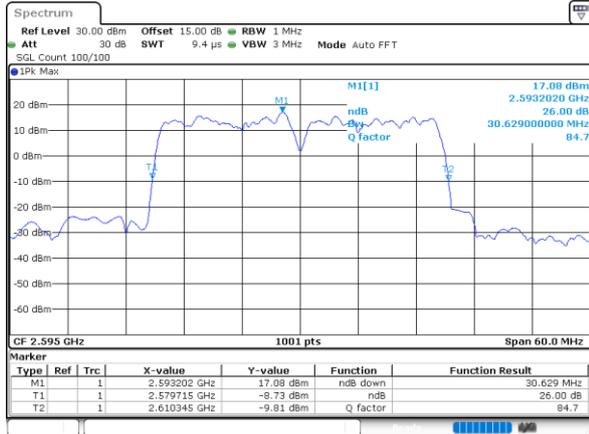
Middle Channel / 20MHz+20MHz



Date: 7.MAY.2025 13:33:57

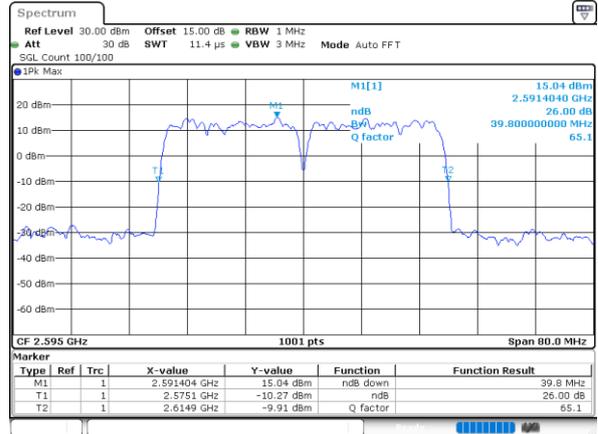
16QAM

Middle Channel / 15MHz+15MHz



Date: 7.MAY.2025 13:32:28

Middle Channel / 20MHz+20MHz



Date: 7.MAY.2025 13:34:25



### Occupied Bandwidth

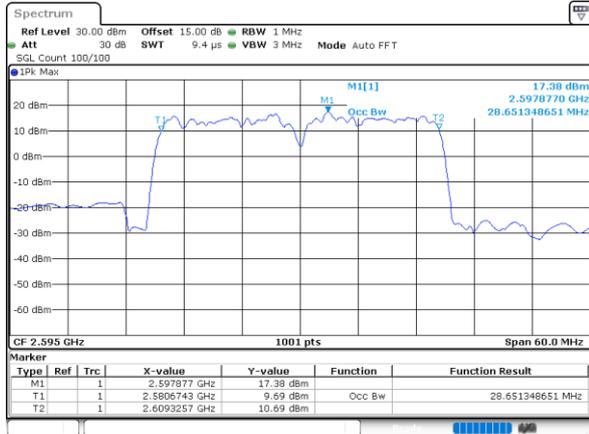
Mode	LTE Band 38C : 99%OBW(MHz)	
	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.65	28.59
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.88	37.80



LTE Band 38C

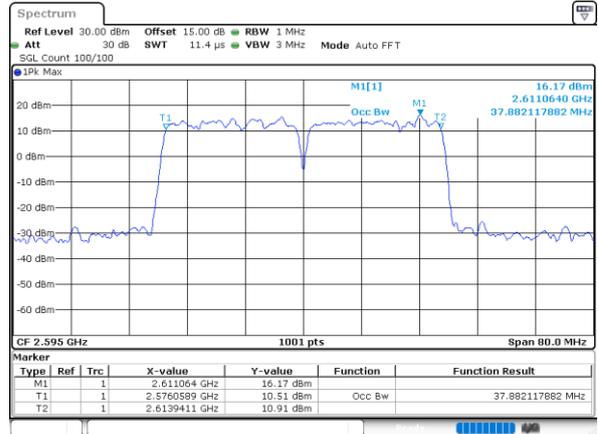
QPSK

Middle Channel / 15MHz+15MHz



Date: 7.MAY.2025 13:31:33

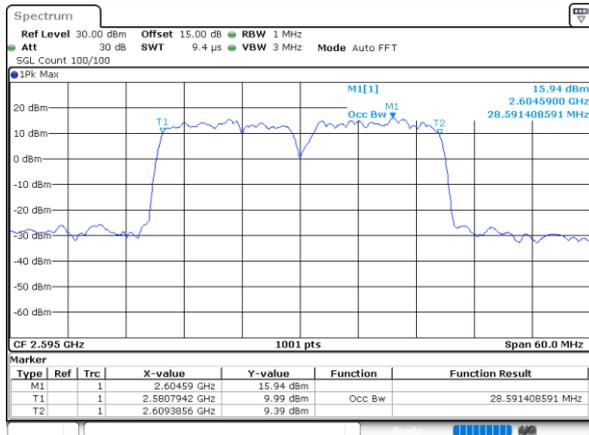
Middle Channel / 20MHz+20MHz



Date: 7.MAY.2025 13:33:29

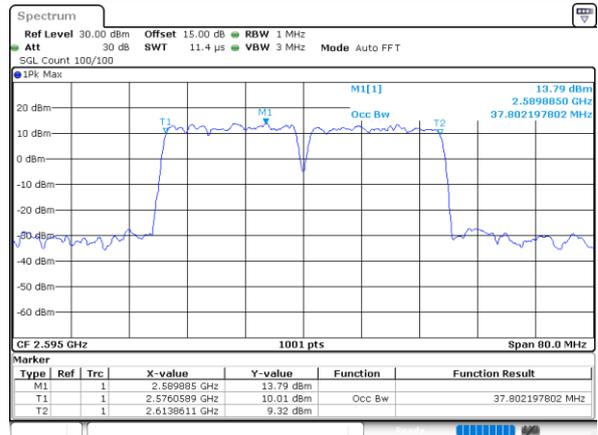
16QAM

Middle Channel / 15MHz+15MHz



Date: 7.MAY.2025 13:32:55

Middle Channel / 20MHz+20MHz



Date: 7.MAY.2025 13:34:52

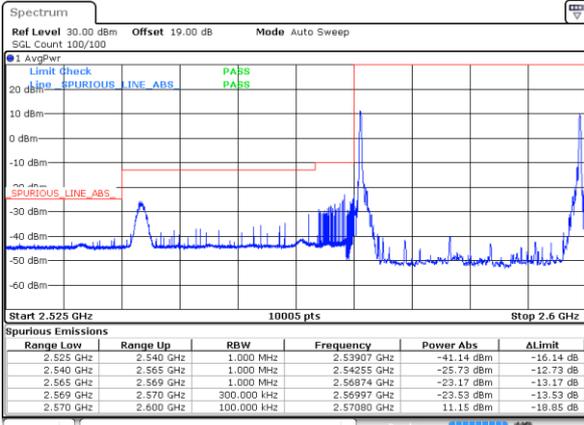


# Conducted Band Edge

## LTE Band 38C / 15MHz+15MHz

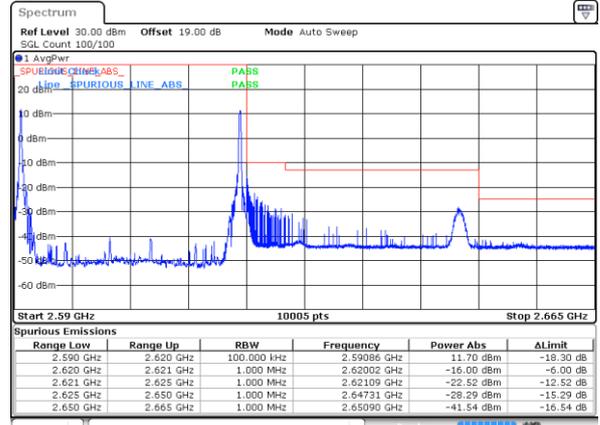
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB74



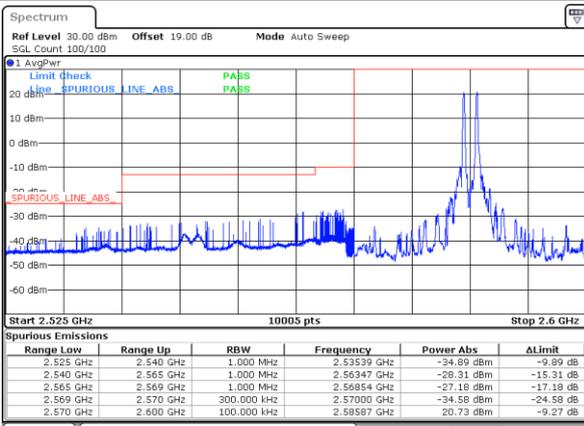
Date: 6 MAY 2025 22:49:48

#### Highest Band Edge / 1RB0 and 1RB74



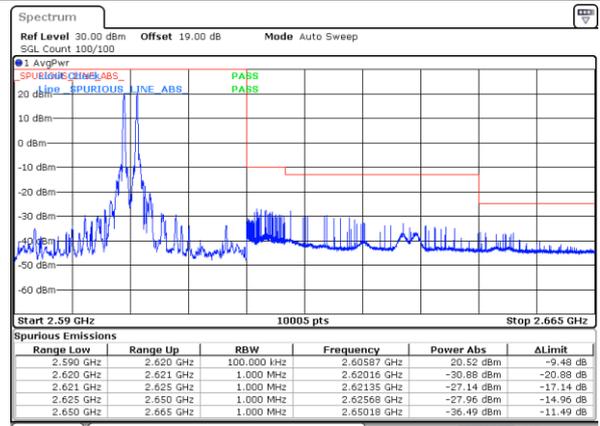
Date: 6 MAY 2025 22:43:29

#### Lowest Band Edge / 1RB74 and 1RB0



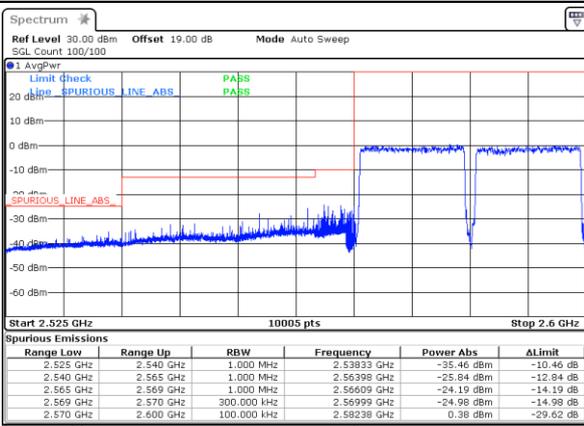
Date: 6 MAY 2025 22:54:09

#### Highest Band Edge / 1RB74 and 1RB0



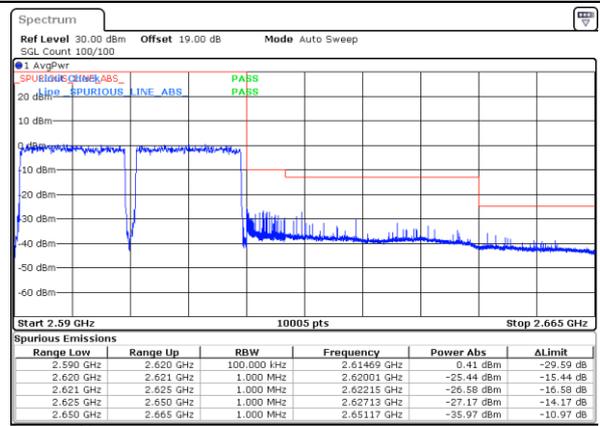
Date: 6 MAY 2025 22:39:09

#### Lowest Band Edge / Full RB



Date: 7 MAY 2025 11:46:57

#### Highest Band Edge / Full RB



Date: 6 MAY 2025 22:44:21

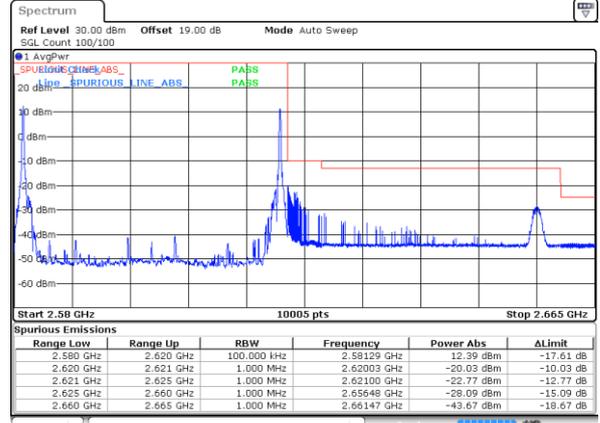
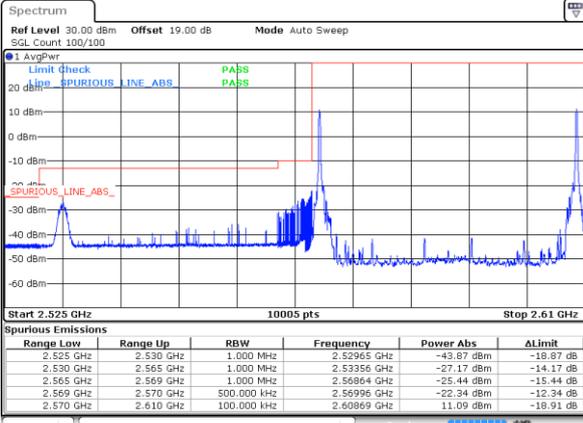


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

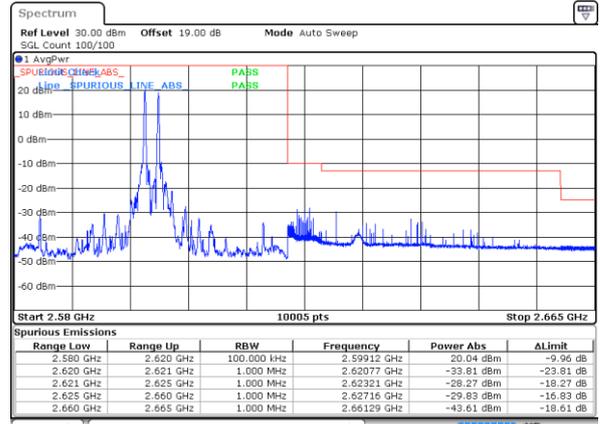
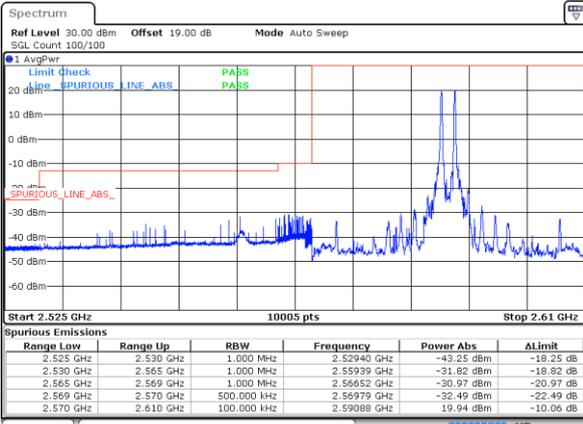


Date: 6 MAY 2025 23:02:05

Date: 6 MAY 2025 23:09:34

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

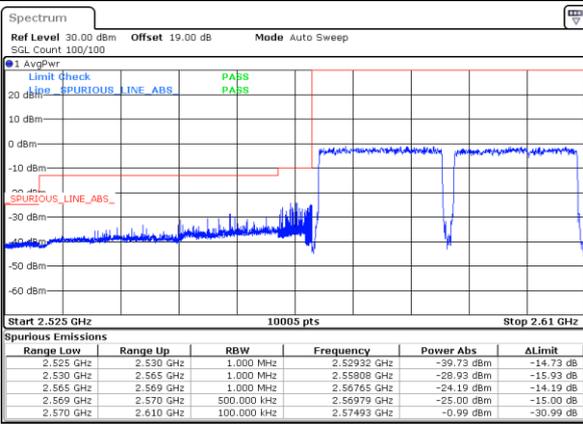


Date: 6 MAY 2025 22:57:45

Date: 6 MAY 2025 23:13:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6 MAY 2025 23:02:57

Date: 7 MAY 2025 11:49:32

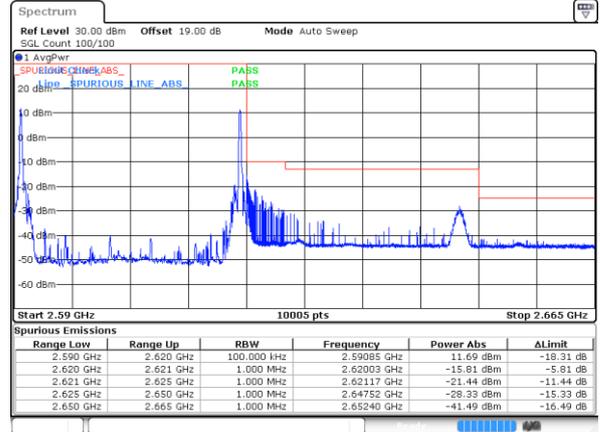
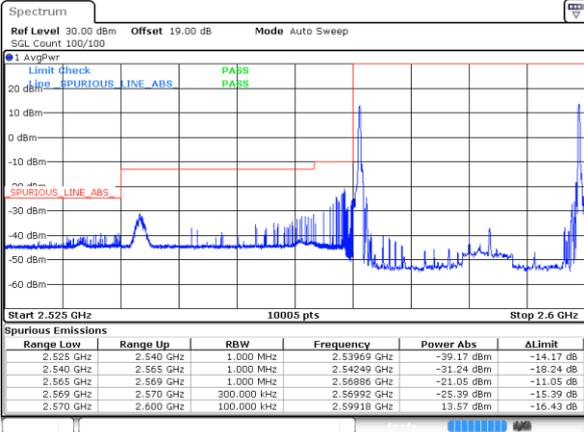


LTE Band 38C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

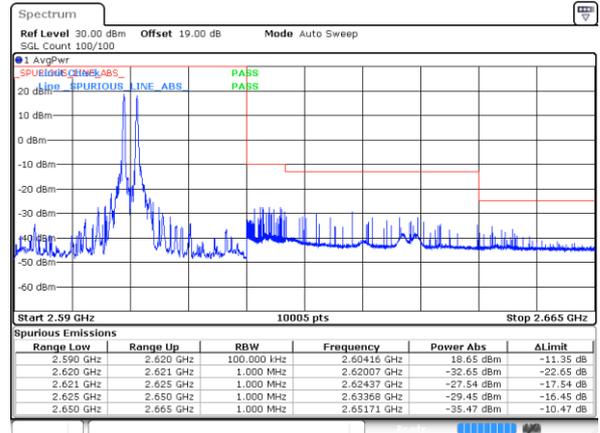
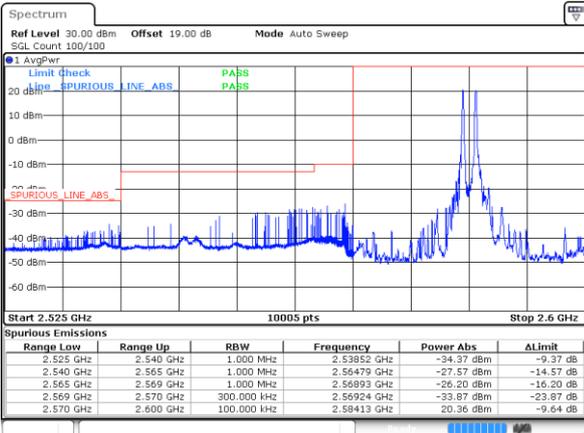


Date: 6 MAY 2025 22:50:40

Date: 6 MAY 2025 22:42:37

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

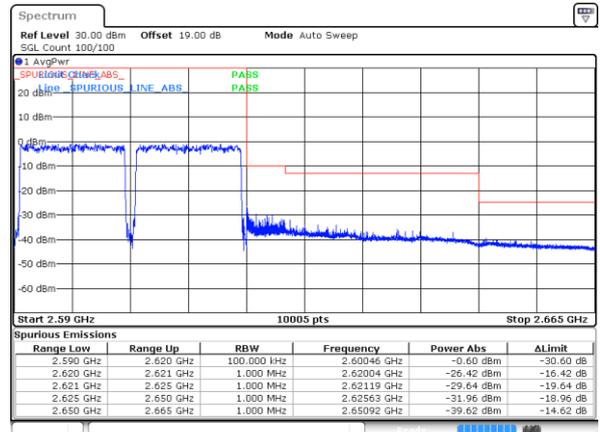
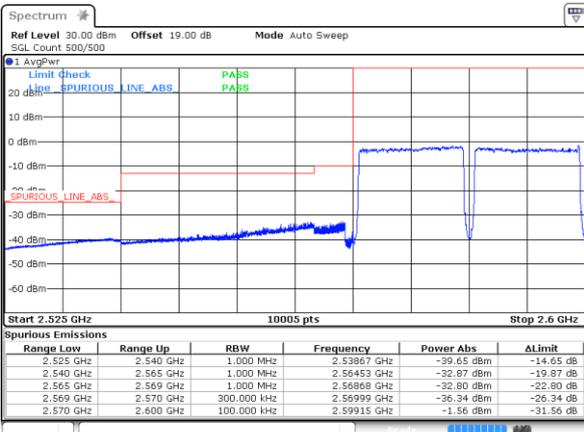


Date: 6 MAY 2025 22:53:17

Date: 6 MAY 2025 22:40:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7 MAY 2025 11:45:00

Date: 6 MAY 2025 22:45:12

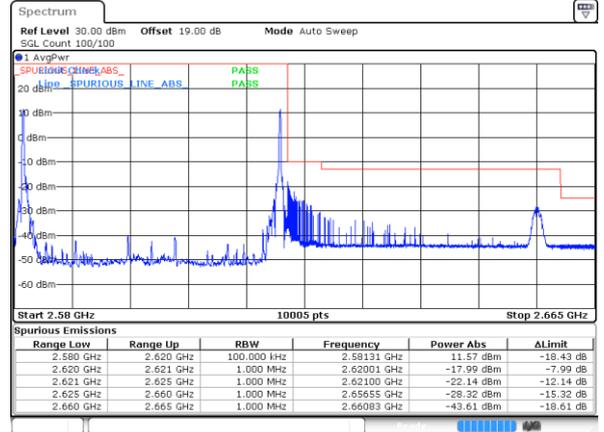
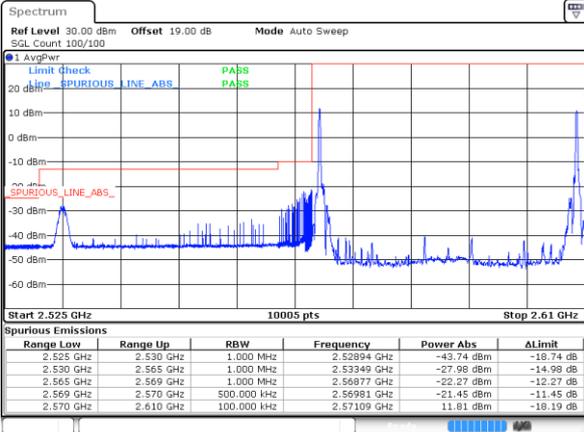


LTE Band 38C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

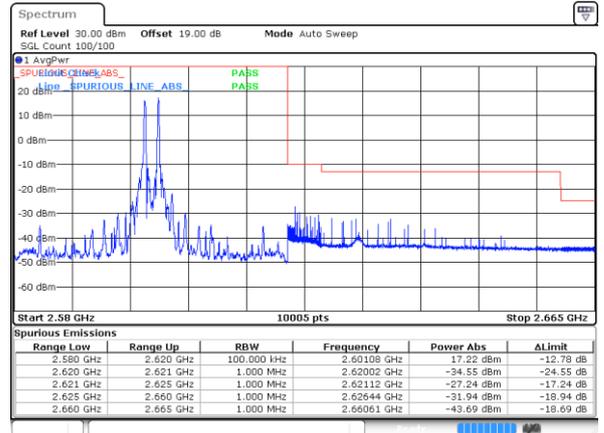
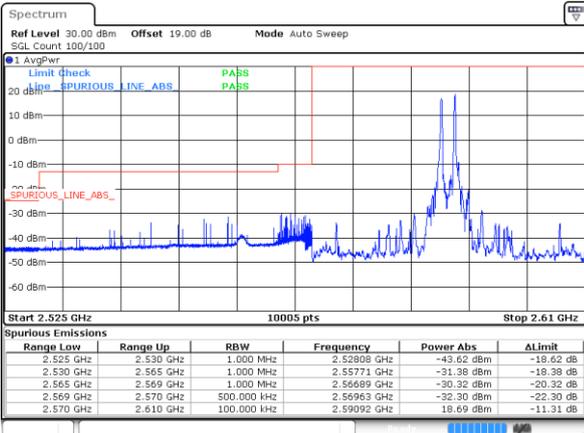


Date: 6 MAY 2025 23:01:13

Date: 6 MAY 2025 23:10:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

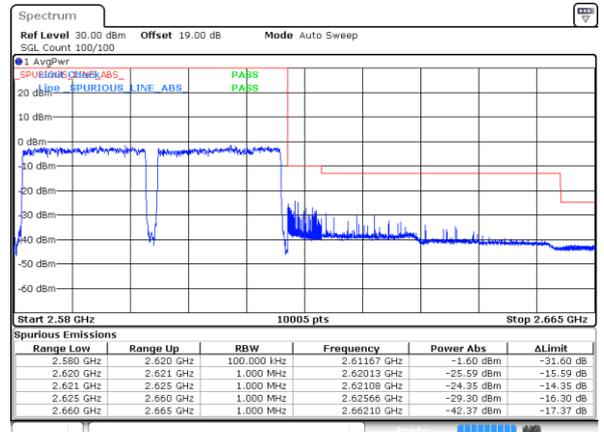
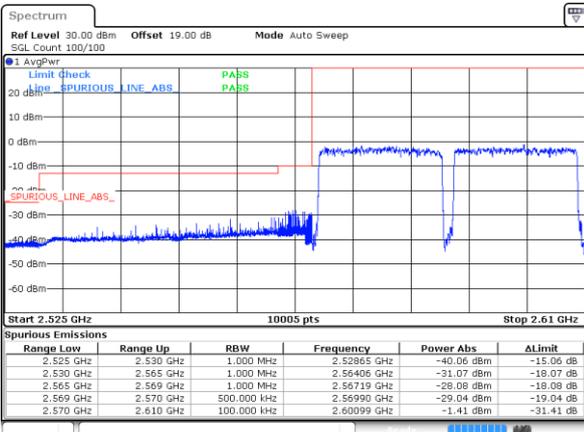


Date: 6 MAY 2025 22:58:37

Date: 6 MAY 2025 23:13:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6 MAY 2025 23:03:49

Date: 6 MAY 2025 23:07:50

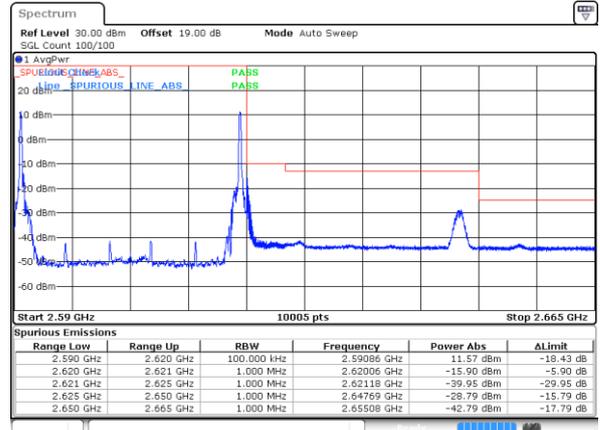
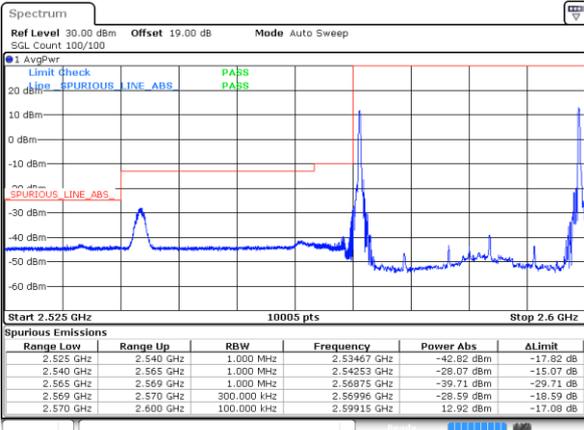


LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

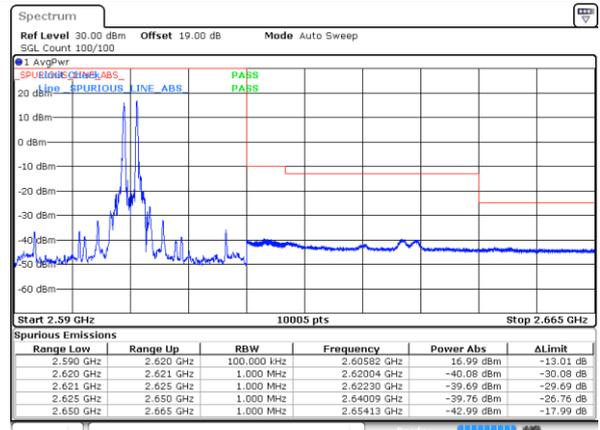
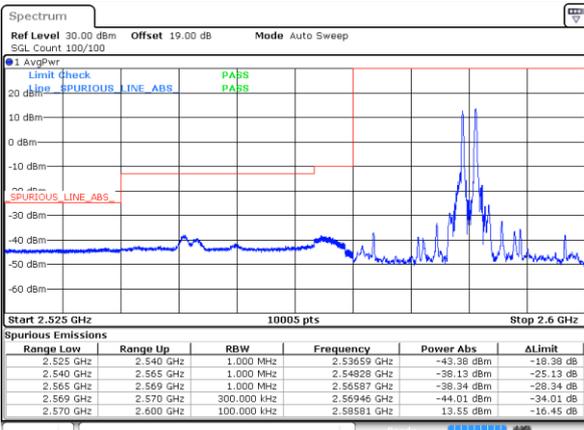


Date: 6 MAY 2025 22:51:32

Date: 6 MAY 2025 22:41:45

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

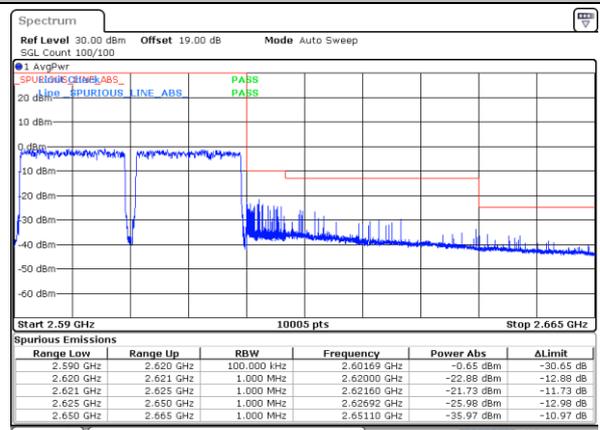
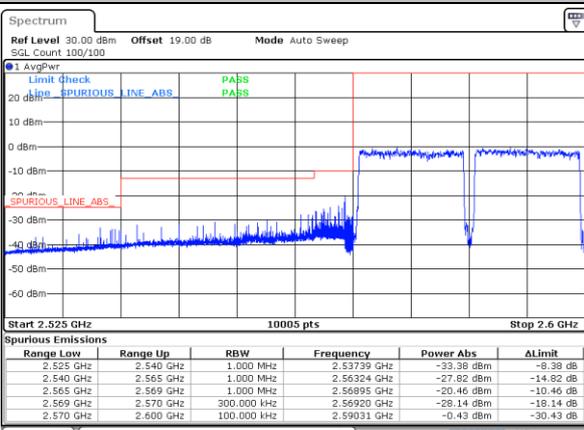


Date: 6 MAY 2025 22:52:24

Date: 6 MAY 2025 22:40:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6 MAY 2025 22:47:12

Date: 6 MAY 2025 22:46:04

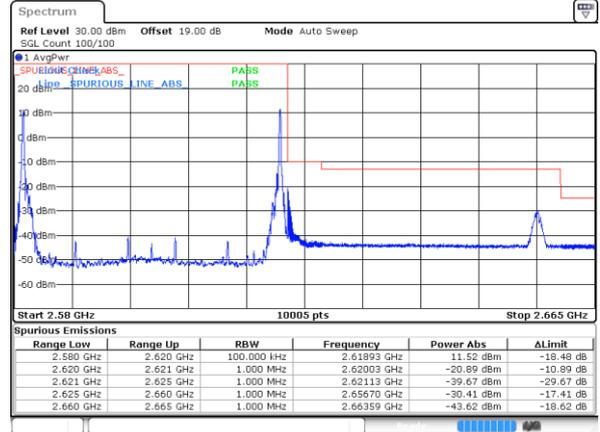
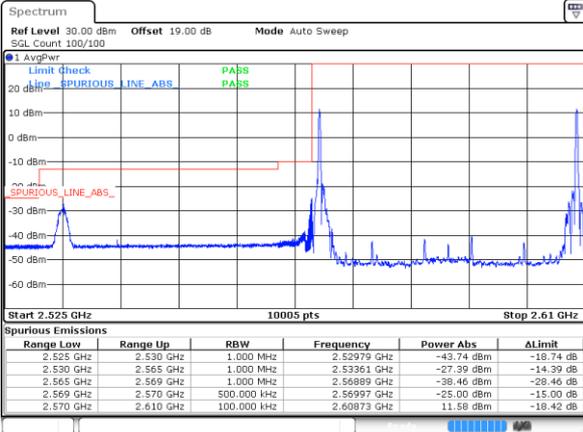


LTE Band 38C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

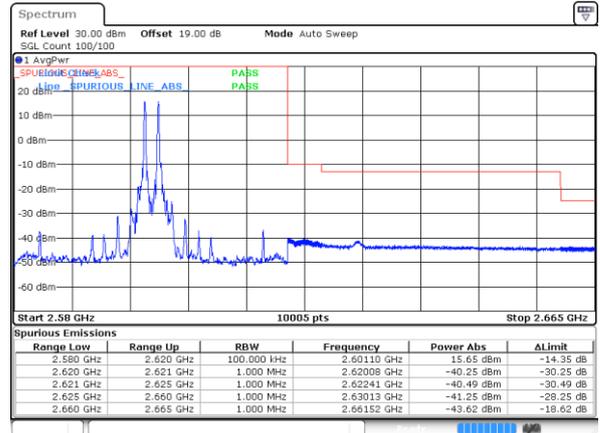
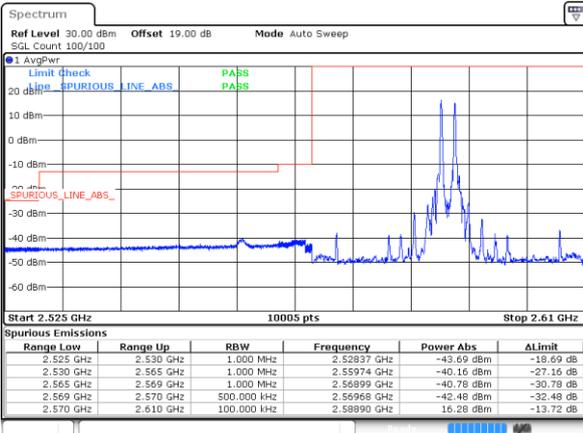


Date: 6 MAY 2025 23:00:21

Date: 6 MAY 2025 23:11:18

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

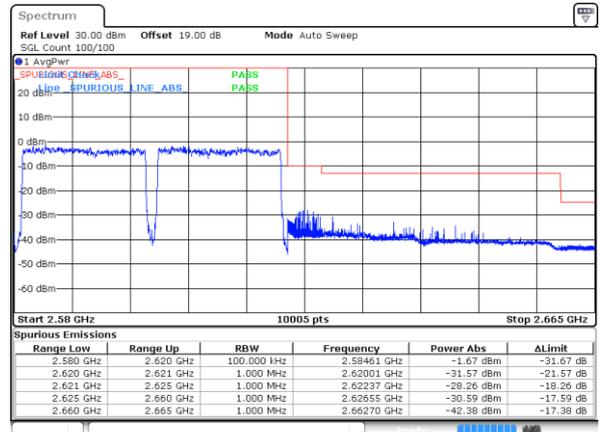
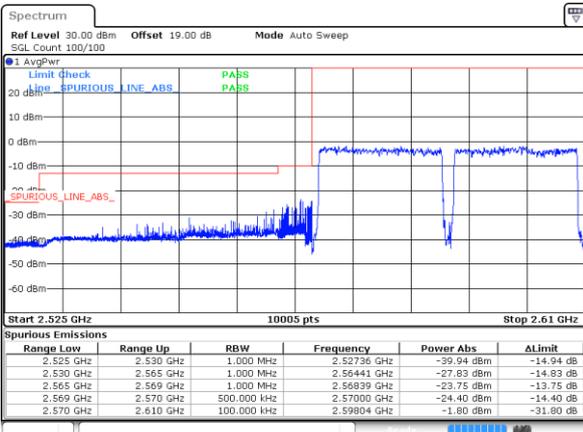


Date: 6 MAY 2025 22:59:29

Date: 6 MAY 2025 23:12:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6 MAY 2025 23:04:41

Date: 6 MAY 2025 23:06:58



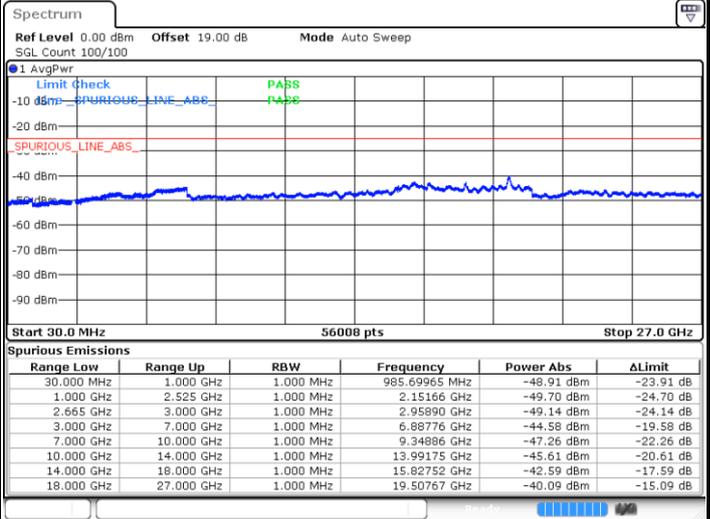
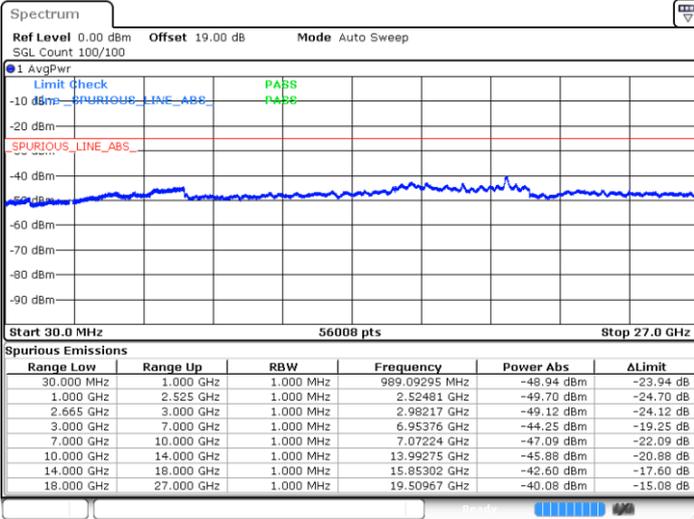
# Conducted Spurious Emission

## LTE Band 38C / 15MHz+15MHz

### QPSK

#### Lowest Channel / 1RB74 and 1RB0

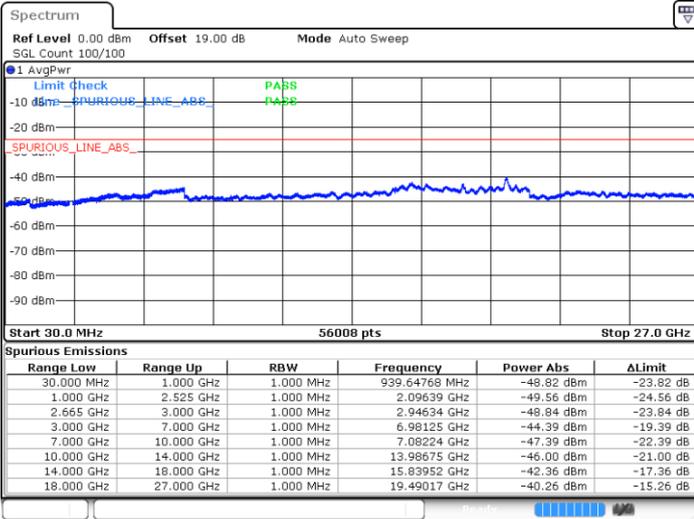
#### Middle Channel / 1RB74 and 1RB0



Date: 6 MAY.2025 22:55:20

Date: 6 MAY.2025 22:36:36

#### Highest Channel / 1RB74 and 1RB0



Date: 6 MAY.2025 22:38:18

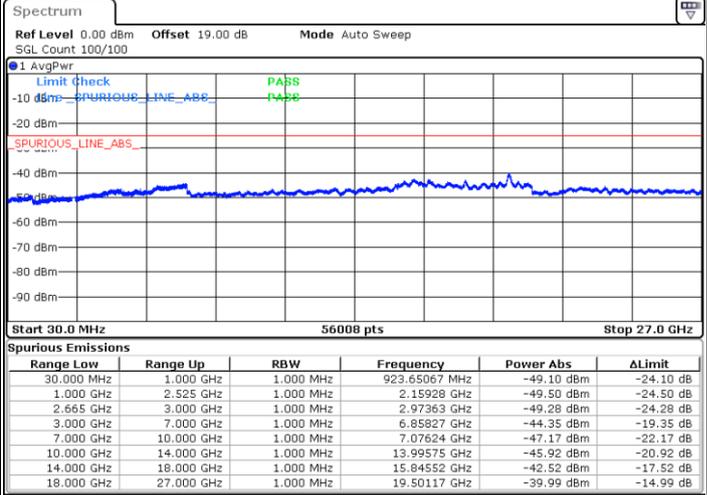
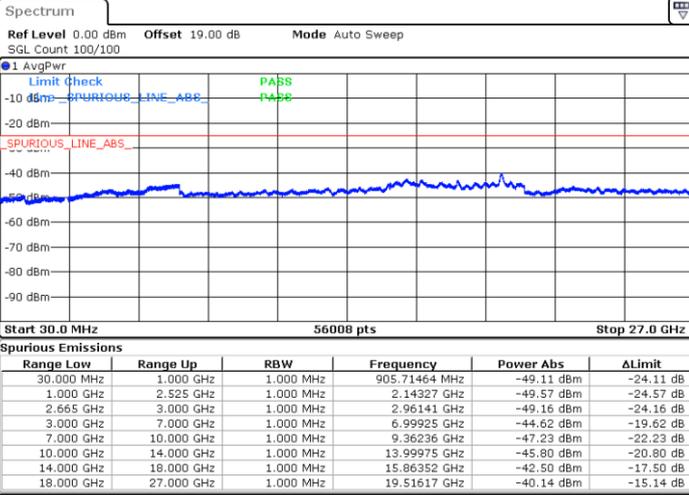


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

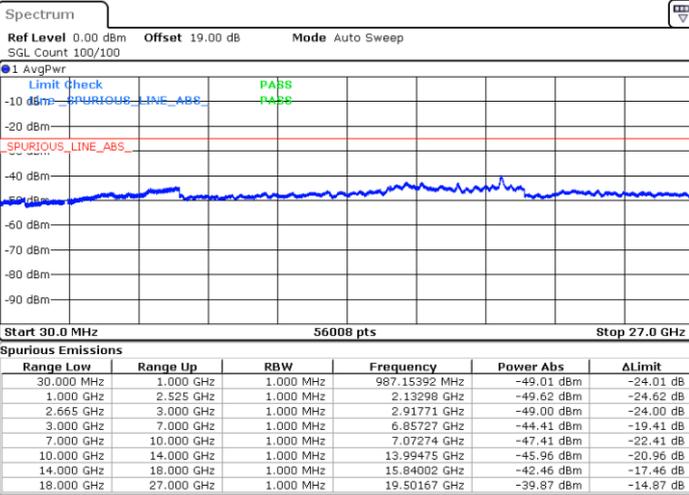
Middle Channel / 1RB99 and 1RB0



Date: 6 MAY.2025 22:56:53

Date: 6 MAY.2025 23:16:38

Highest Channel / 1RB99 and 1RB0



Date: 6 MAY.2025 23:15:04



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

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 7 / 20MHz / QPSK_Ant2									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.00	-54.55	-25	-29.55	-76.46	-60.11	7.14	12.70	H
	7578.00	-54.95	-25	-29.95	-80.98	-58.25	8.30	11.60	H
	10104.00	-50.18	-25	-25.18	-81.81	-51.70	10.48	12.00	H
	5052.00	-54.13	-25	-29.13	-76.16	-59.69	7.14	12.70	V
	7578.00	-54.69	-25	-29.69	-80.68	-57.99	8.30	11.60	V
	10104.00	-50.91	-25	-25.91	-81.14	-52.43	10.48	12.00	V

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

LTE Band 7C / 20MHz+20MH / QPSK_Ant2									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5190.00	-43.60	-25	-18.60	-65.12	-49.16	7.14	12.70	H
	7785.00	-54.92	-25	-29.92	-81.25	-58.22	8.30	11.60	H
	10380.00	-50.61	-25	-25.61	-81.73	-52.13	10.48	12.00	H
	5190.00	-48.23	-25	-23.23	-70.04	-53.79	7.14	12.70	V
	7785.00	-55.08	-25	-30.08	-81.24	-58.38	8.30	11.60	V
	10380.00	-51.58	-25	-26.58	-81.9	-53.10	10.48	12.00	V

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

LTE Band 38C / 20MHz+20MH / QPSK_Ant2									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5070.00	-53.41	-25	-28.41	-75.27	-58.97	7.14	12.70	H
	7605.00	-54.65	-25	-29.65	-80.68	-57.95	8.30	11.60	H
	10140.00	-49.97	-25	-24.97	-81.54	-51.49	10.48	12.00	H
	5070.00	-55.91	-25	-30.91	-77.91	-61.47	7.14	12.70	V
	7605.00	-54.58	-25	-29.58	-80.55	-57.88	8.30	11.60	V
	10140.00	-51.29	-25	-26.29	-81.53	-52.81	10.48	12.00	V

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



LTE Band 41 / 20MHz / QPSK_Ant2									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.00	-43.65	-25	-18.65	-65.22	-49.21	7.14	12.70	H
	7752.00	-54.70	-25	-29.70	-80.97	-58.00	8.30	11.60	H
	10336.00	-50.41	-25	-25.41	-81.61	-51.93	10.48	12.00	H
	5168.00	-45.59	-25	-20.59	-67.43	-51.15	7.14	12.70	V
	7752.00	-54.98	-25	-29.98	-81.1	-58.28	8.30	11.60	V
	10336.00	-51.82	-25	-26.82	-82.11	-53.34	10.48	12.00	V

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