

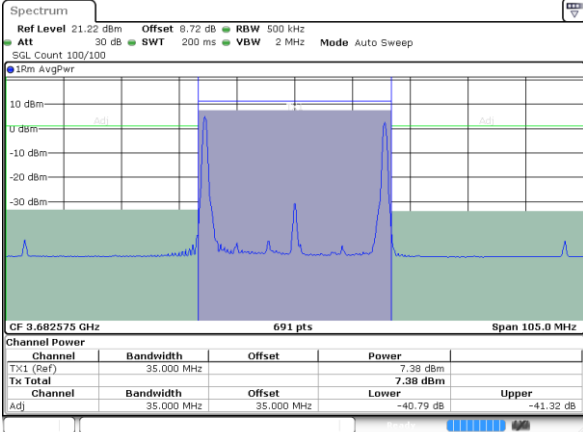


LTE Band 48C / 15MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

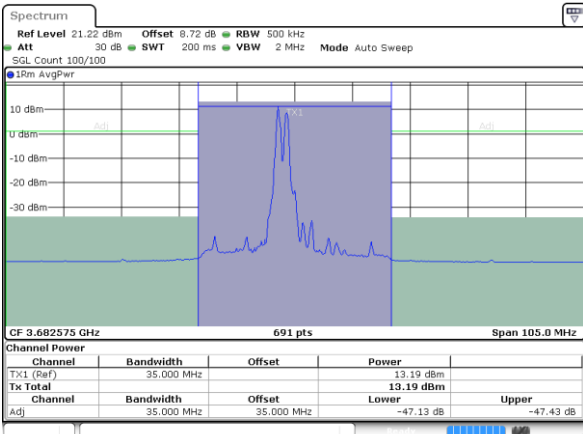
N/A



Date: 22 JAN 2022 06:58:40

Highest Band Edge / 1RB74 and 1RB0

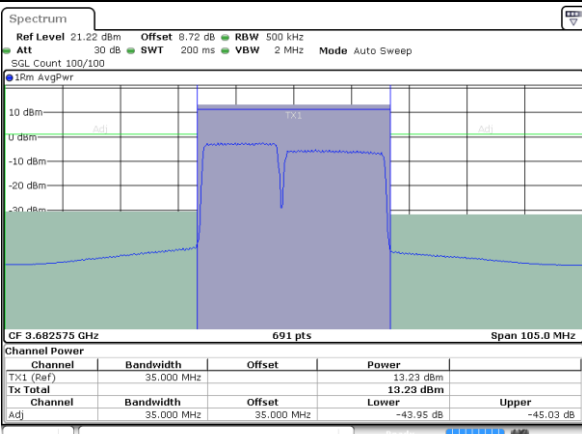
N/A



Date: 22 JAN 2022 06:54:42

Highest Band Edge / Full RB

N/A



Date: 22 JAN 2022 06:59:28

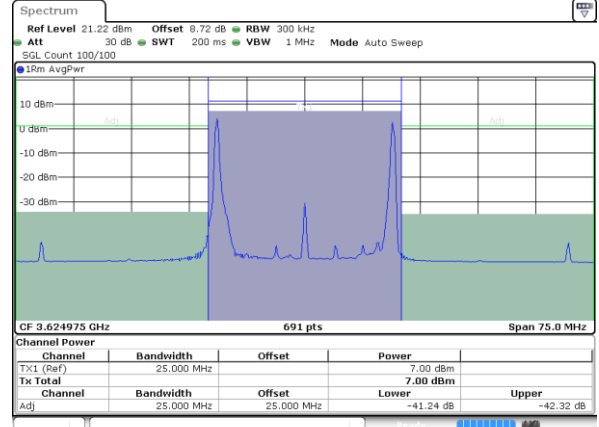
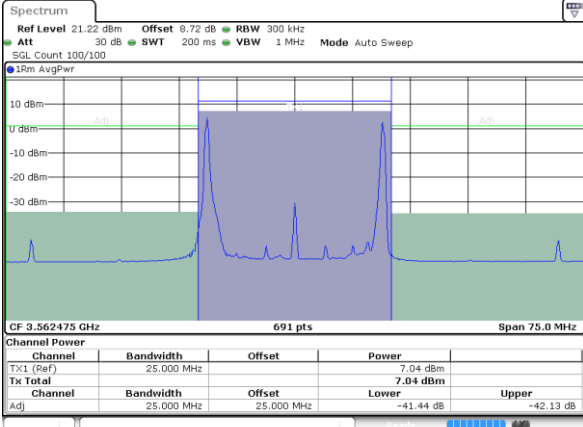


LTE Band 48C/ 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24

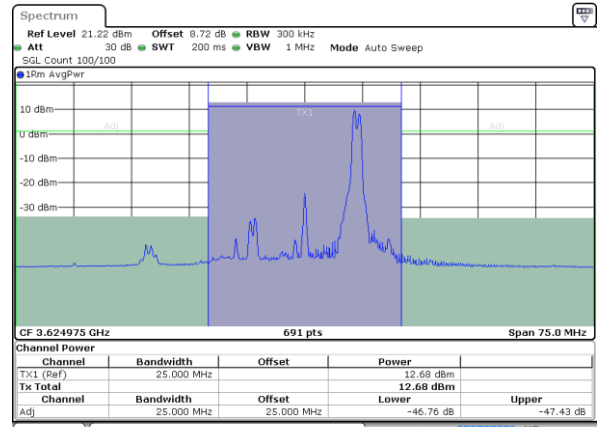
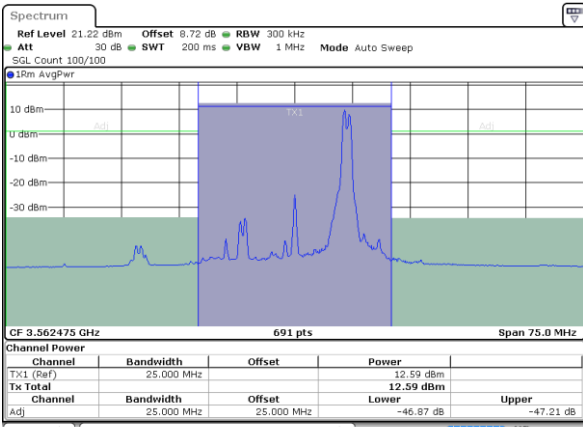


Date: 21 JAN 2022 19:41:35

Date: 21 JAN 2022 20:05:42

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

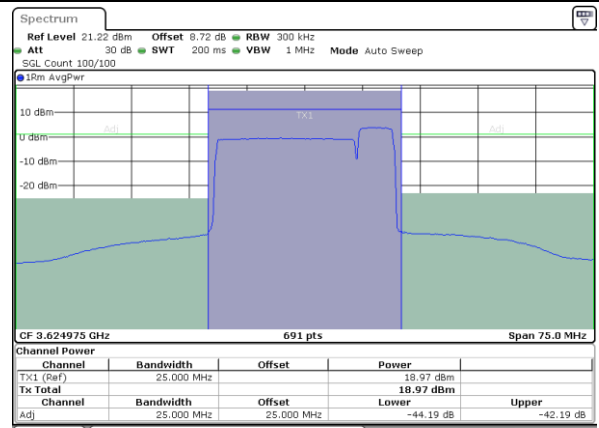
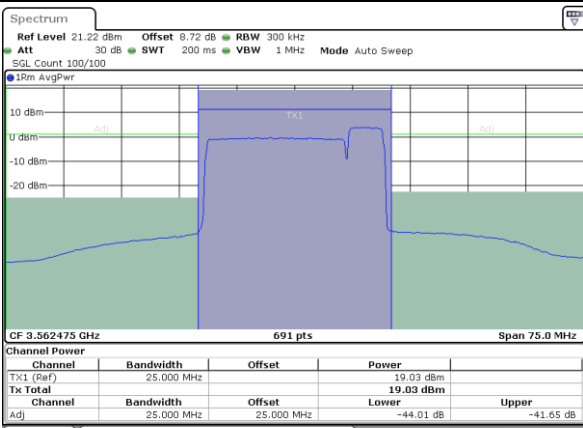


Date: 21 JAN 2022 19:52:28

Date: 21 JAN 2022 20:13:46

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 21 JAN 2022 19:33:53

Date: 21 JAN 2022 20:02:58

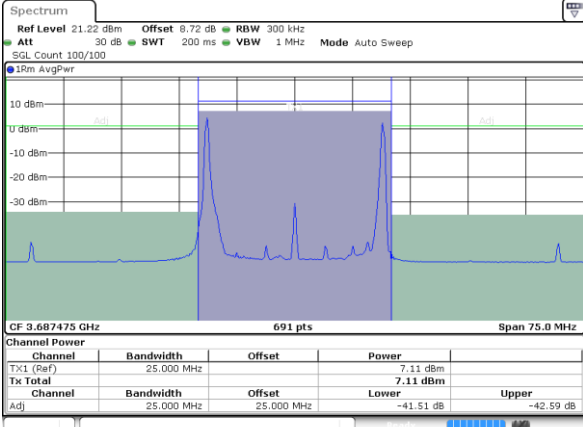


LTE Band 48C / 20MHz+5MHz

64QAM

Highest Band Edge / 1RB0 and 1RB24

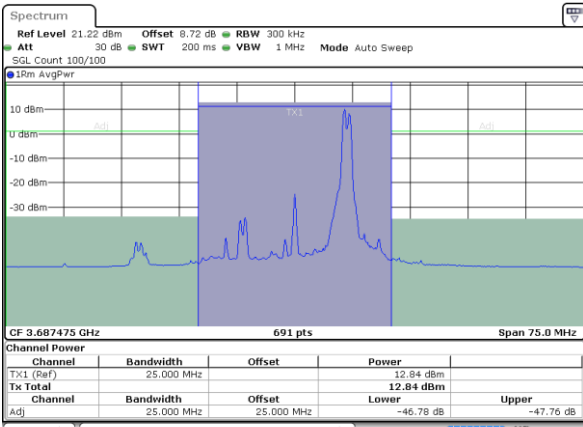
N/A



Date: 21 JAN 2022 20:32:17

Highest Band Edge / 1RB99 and 1RB0

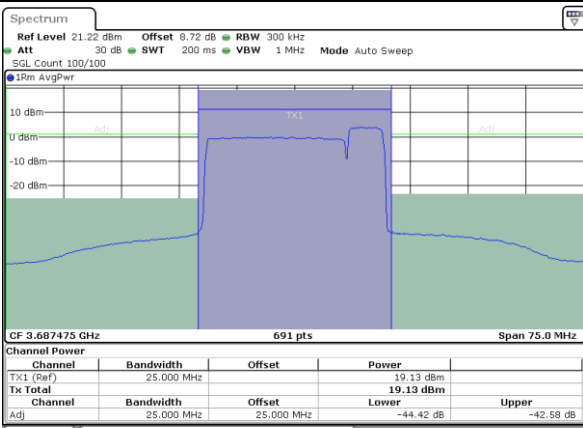
N/A



Date: 21 JAN 2022 20:45:32

Highest Band Edge / Full RB

N/A



Date: 21 JAN 2022 20:27:55

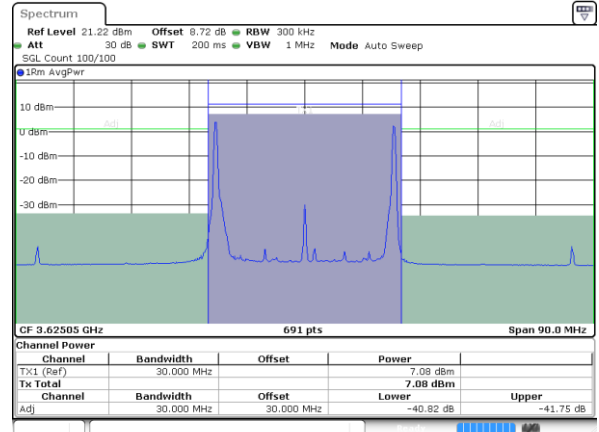
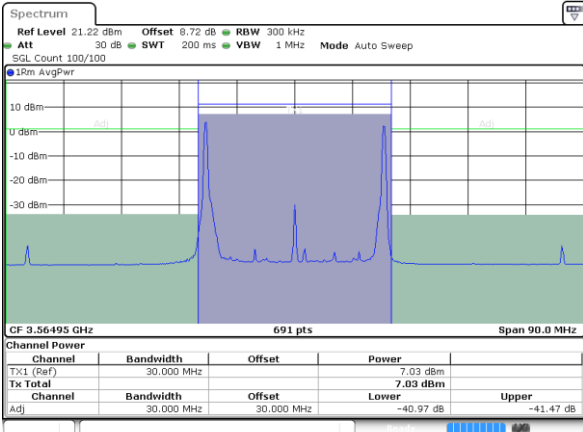


LTE Band 48C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

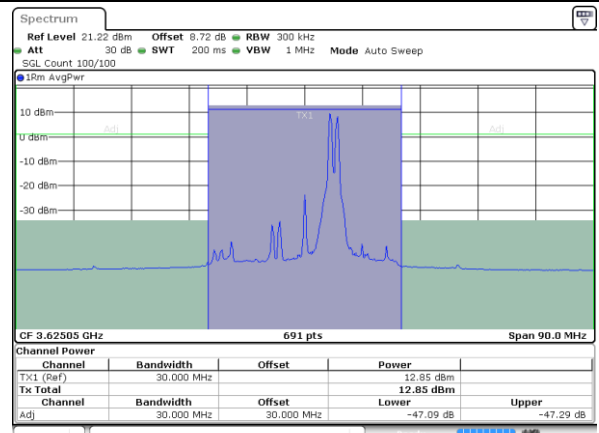
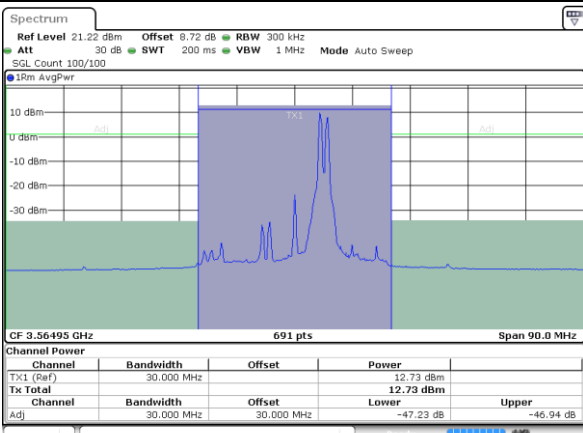


Date: 22 JAN 2022 06:20:47

Date: 22 JAN 2022 06:29:37

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

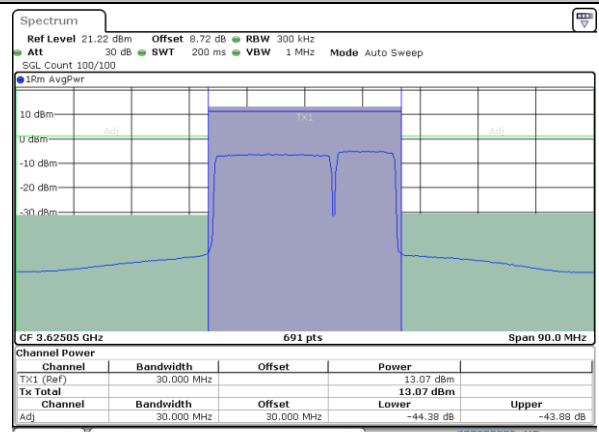
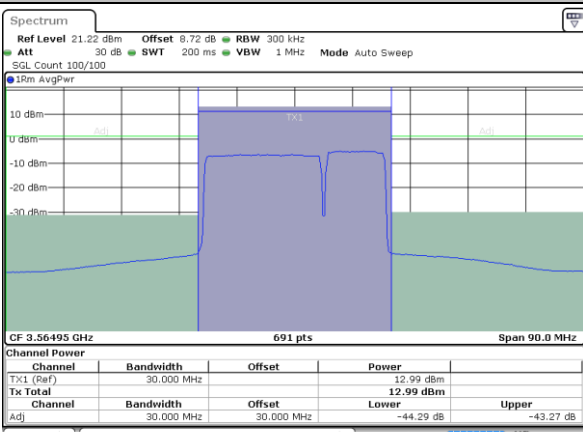


Date: 22 JAN 2022 06:24:45

Date: 22 JAN 2022 06:25:38

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22 JAN 2022 06:19:59

Date: 22 JAN 2022 06:30:25

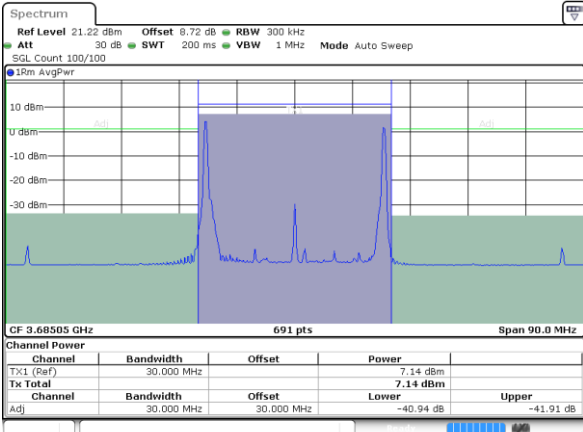


LTE Band 48C / 20MHz+10MHz

64QAM

Highest Band Edge / 1RB0 and 1RB49

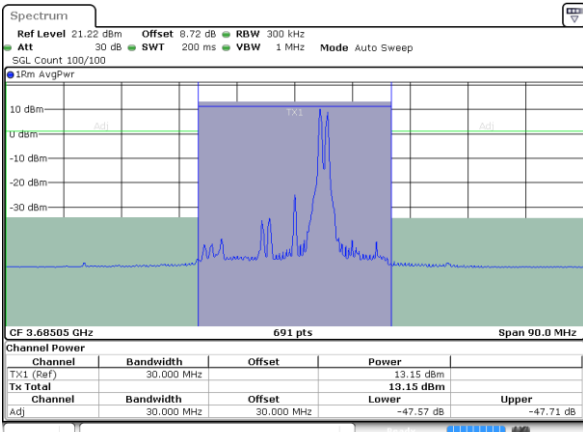
N/A



Date: 22 JAN 2022 06:35:17

Highest Band Edge / 1RB99 and 1RB0

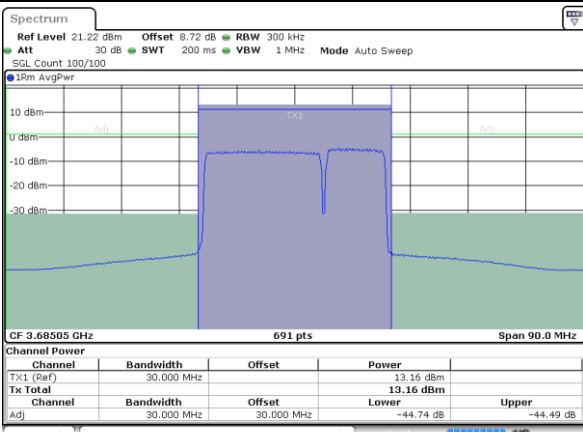
N/A



Date: 22 JAN 2022 06:39:14

Highest Band Edge / Full RB

N/A



Date: 22 JAN 2022 06:34:29

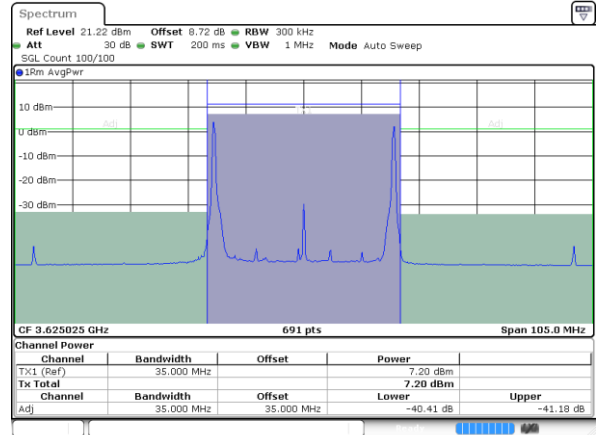
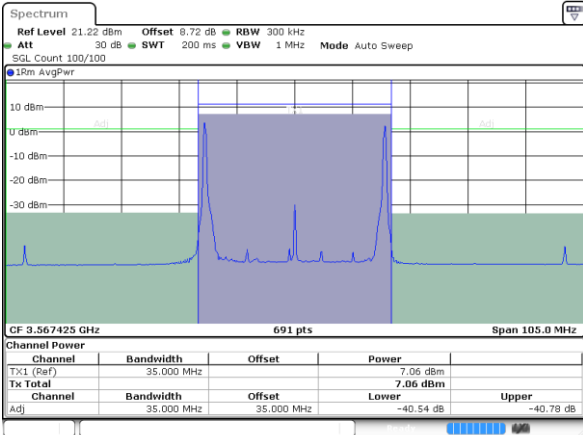


LTE Band 48C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

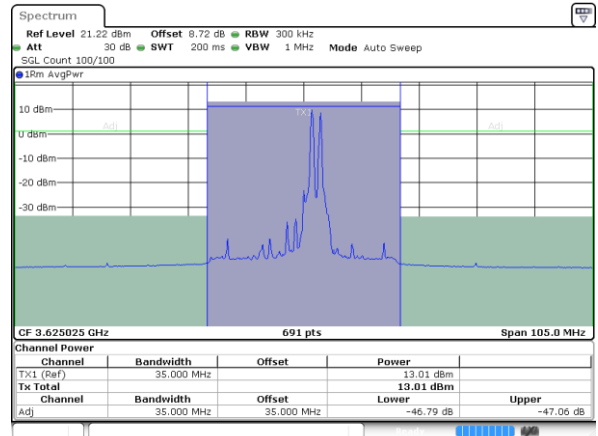
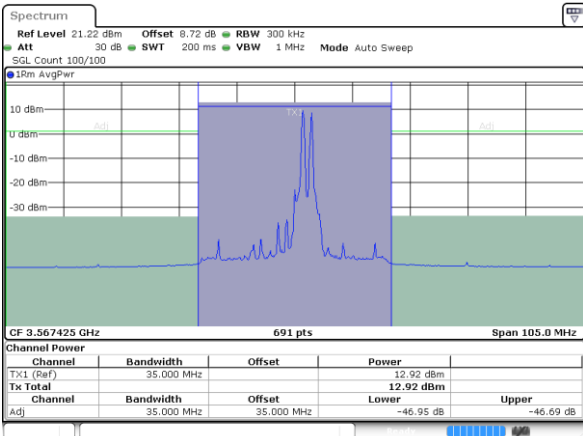


Date: 22 JAN 2022 07:04:24

Date: 22 JAN 2022 07:13:15

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

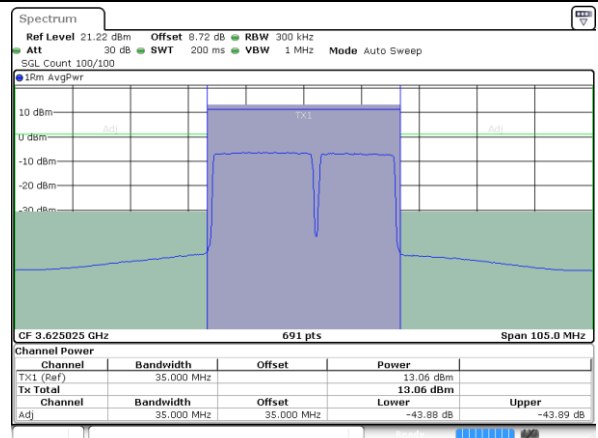
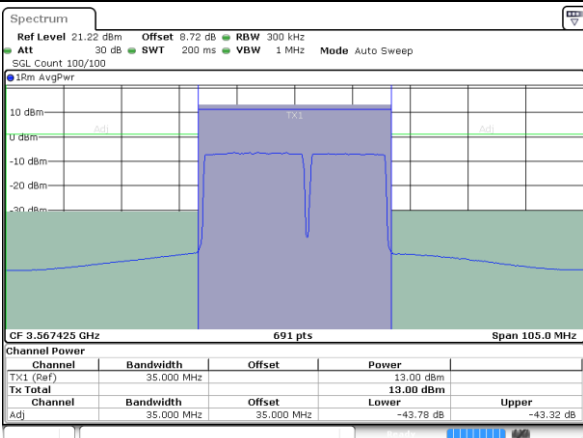


Date: 22 JAN 2022 07:08:23

Date: 22 JAN 2022 07:09:17

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22 JAN 2022 07:03:36

Date: 22 JAN 2022 07:14:03

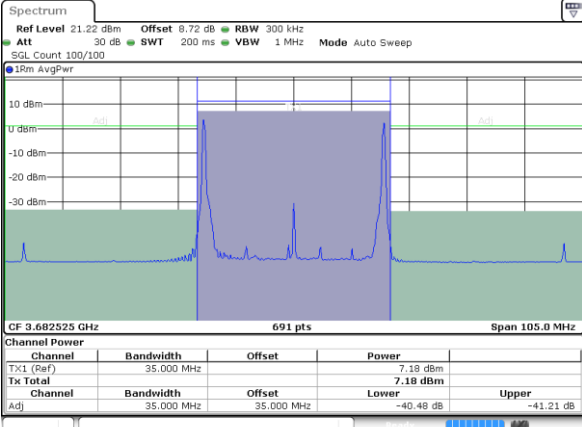


LTE Band 48C / 20MHz+15MHz

64QAM

Highest Band Edge / 1RB0 and 1RB74

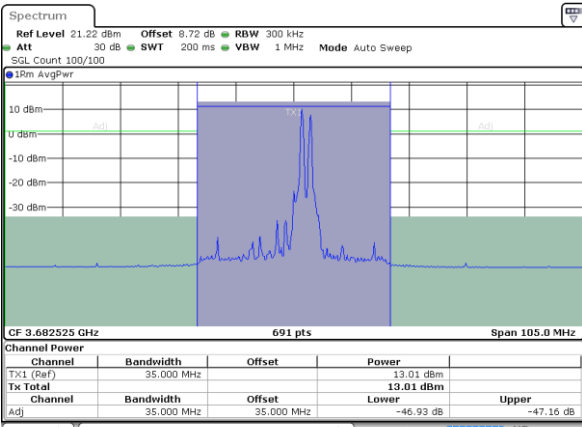
N/A



Date: 22 JAN 2022 07:18:56

Highest Band Edge / 1RB99 and 1RB0

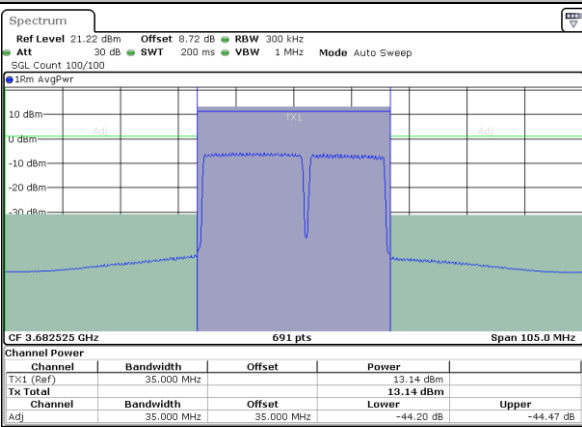
N/A



Date: 22 JAN 2022 07:22:54

Highest Band Edge / Full RB

N/A



Date: 22 JAN 2022 07:18:08

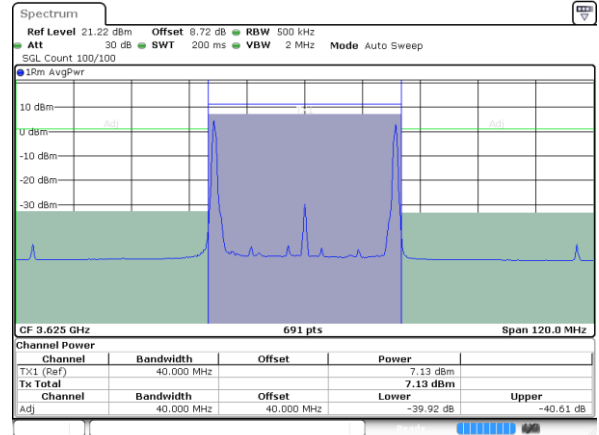
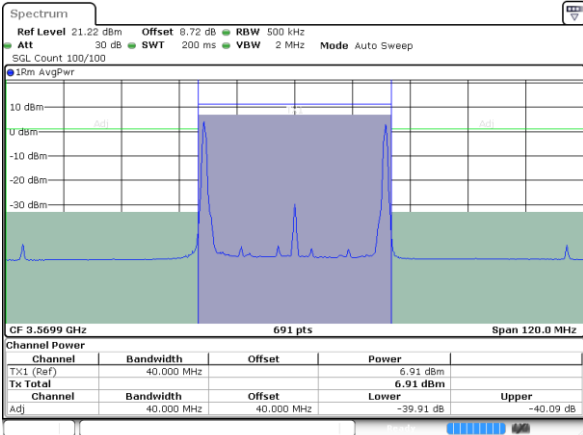


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

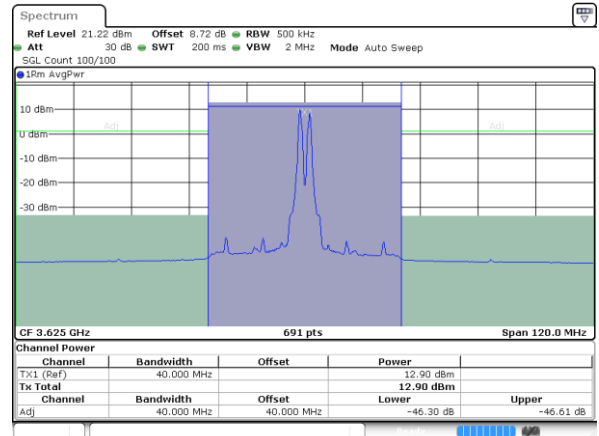
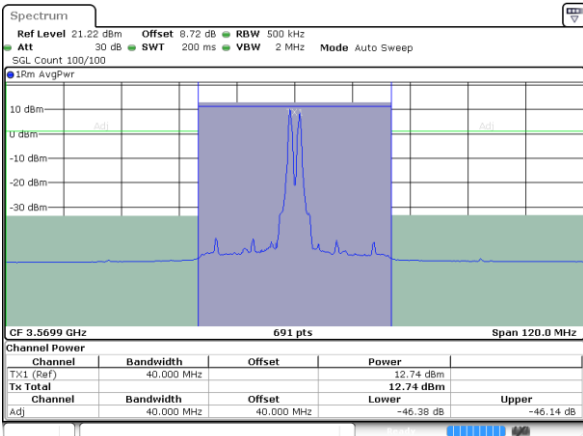


Date: 22 JAN 2022 07:26:13

Date: 22 JAN 2022 07:35:05

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

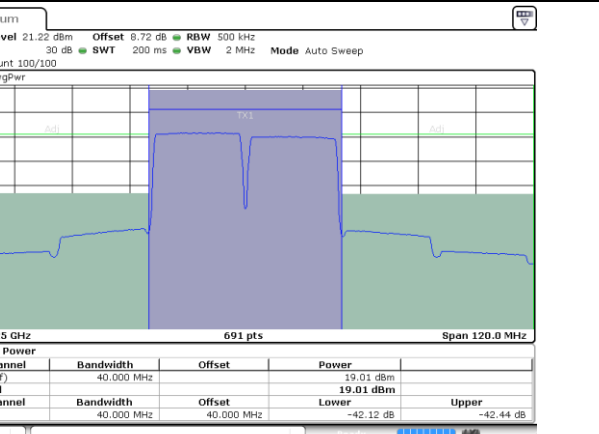
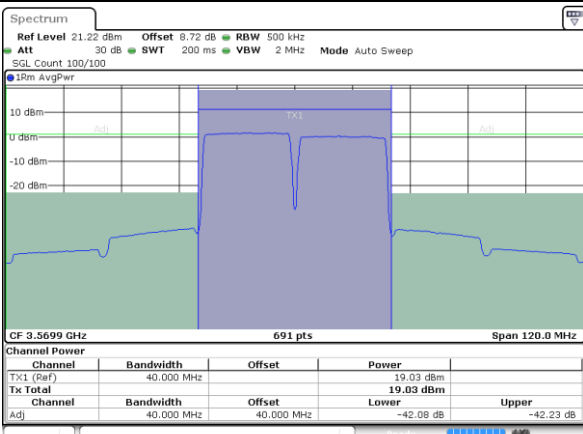


Date: 22 JAN 2022 07:30:12

Date: 22 JAN 2022 07:31:06

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22 JAN 2022 07:25:25

Date: 22 JAN 2022 07:35:53

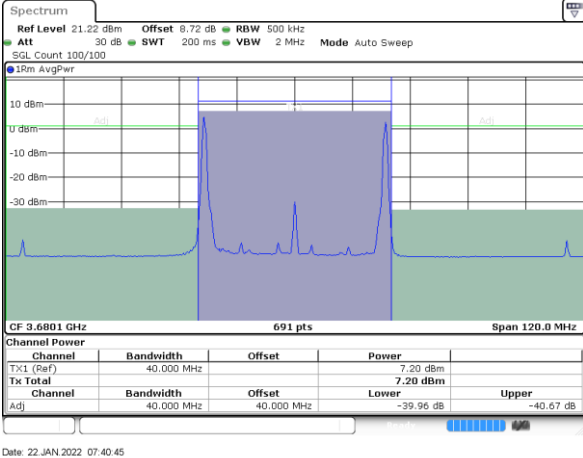


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

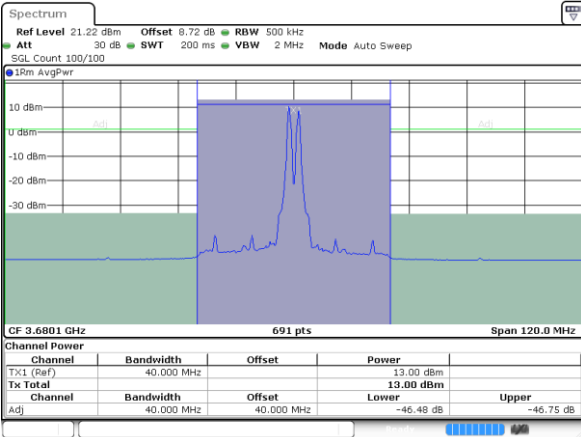
N/A



Date: 22 JAN 2022 07:40:45

Highest Band Edge / 1RB99 and 1RB0

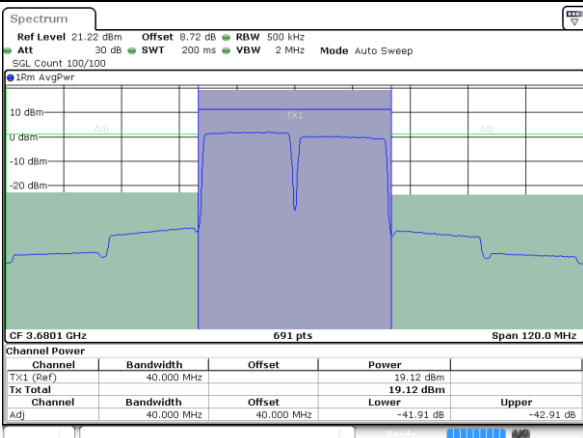
N/A



Date: 22 JAN 2022 07:44:44

Highest Band Edge / Full RB

N/A



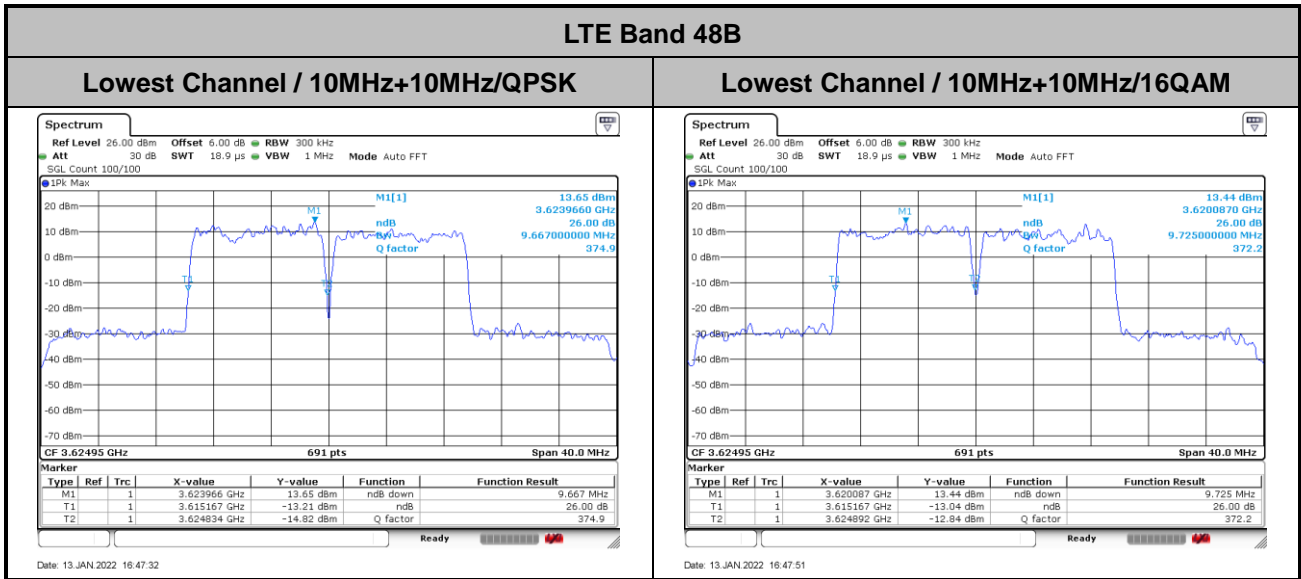
Date: 22 JAN 2022 07:39:57



LTE Band 48B

26dB Bandwidth

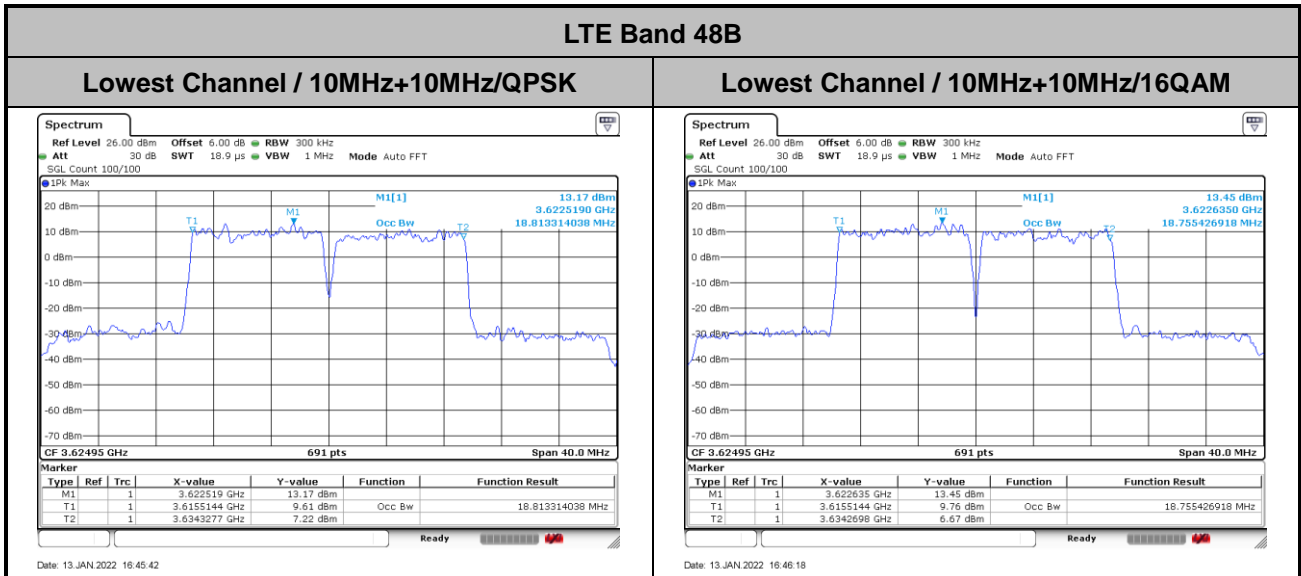
Mode	LTE Band 48B : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	9.67	9.73





Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.81	18.76





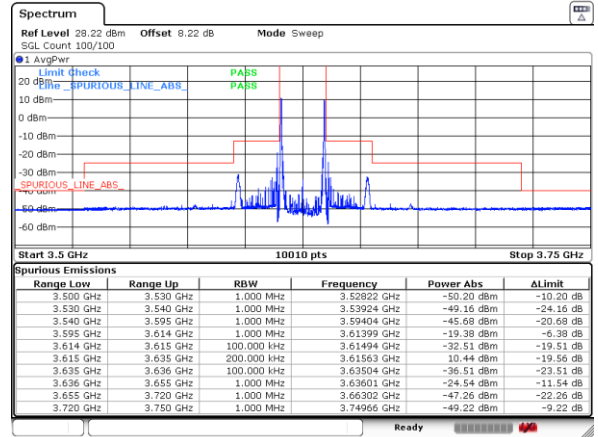
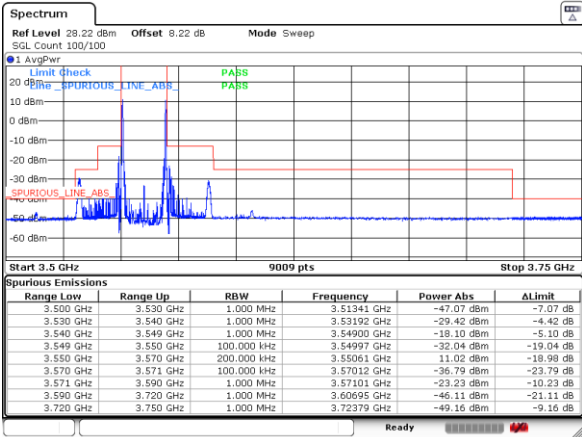
Conducted Band Edge

LTE Band 48B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

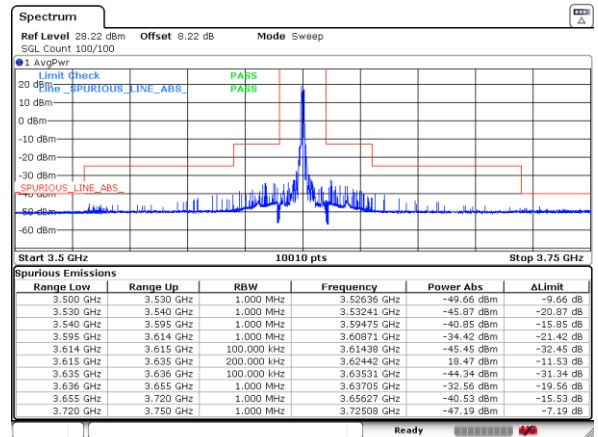
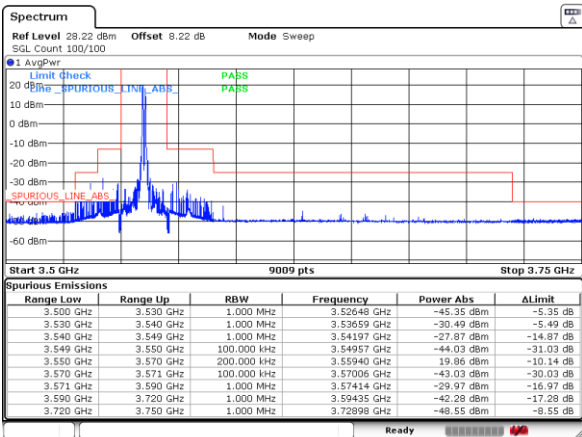


Date: 13 JAN 2022 10:38:28

Date: 13 JAN 2022 14:57:20

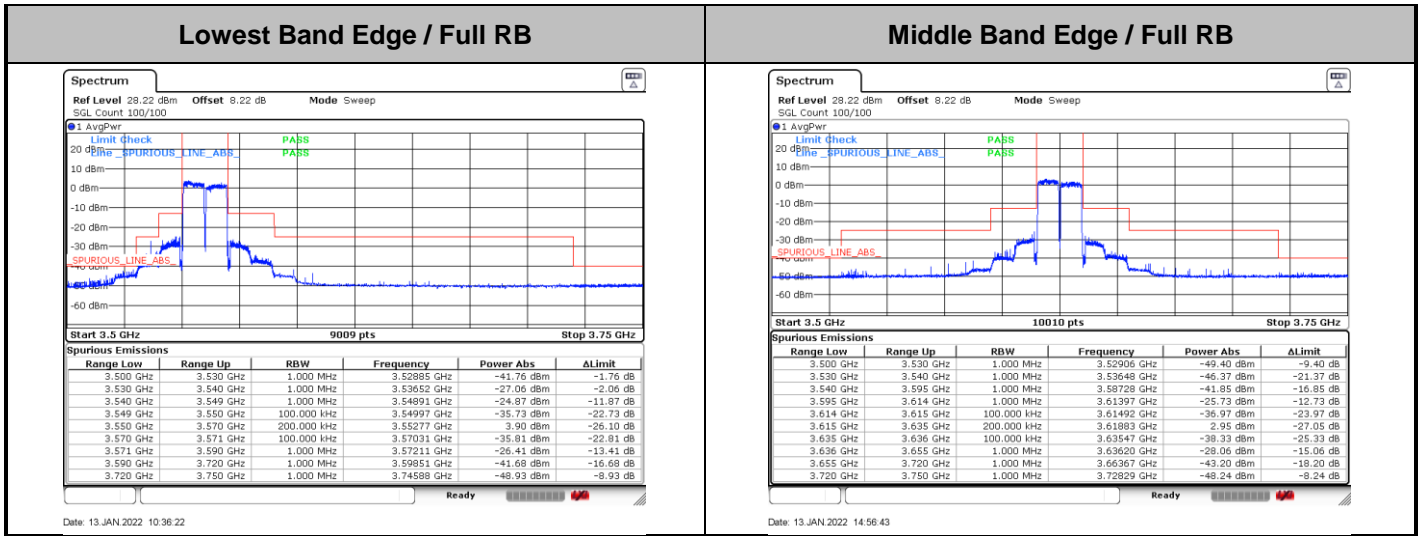
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Date: 13 JAN 2022 10:42:49

Date: 13 JAN 2022 15:00:58

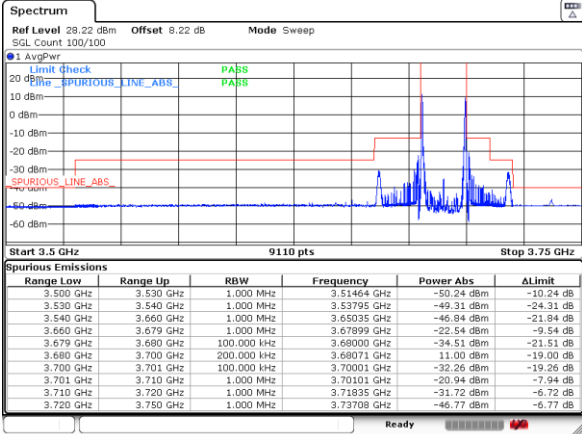




LTE Band 48B / 10MHz+10MHz

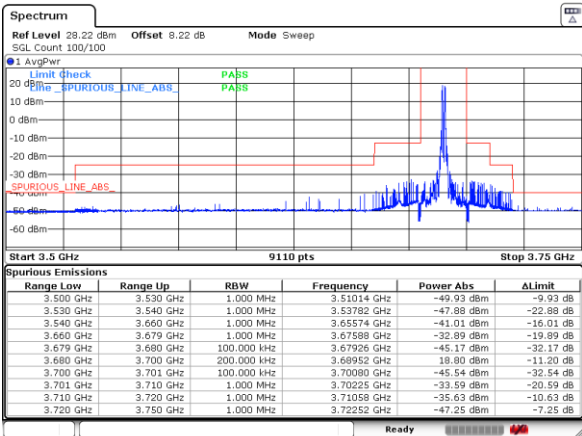
QPSK

Highest Band Edge / 1RB0 and 1RB49



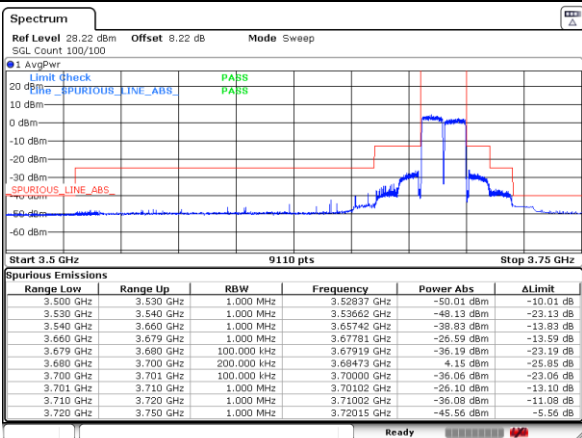
Date: 13 JAN 2022 14:19:44

Highest Band Edge / 1RB49 and 1RB0



Date: 13 JAN 2022 14:20:32

Highest Band Edge / Full RB



Date: 13 JAN 2022 14:14:27

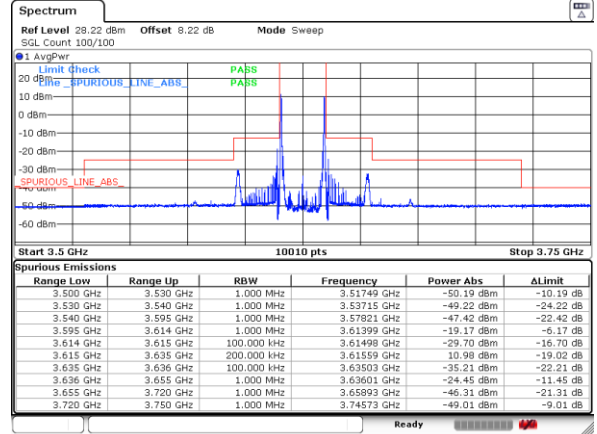
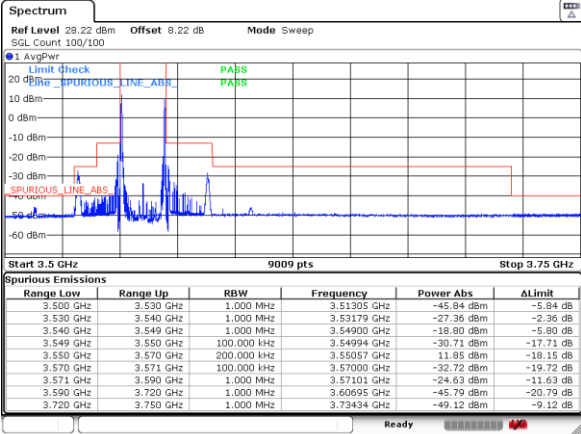


LTE Band 48B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

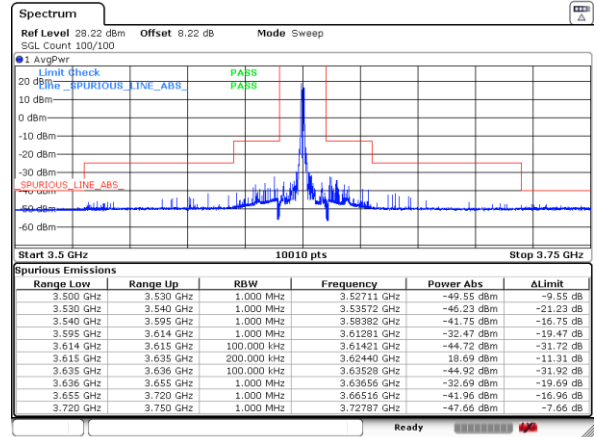
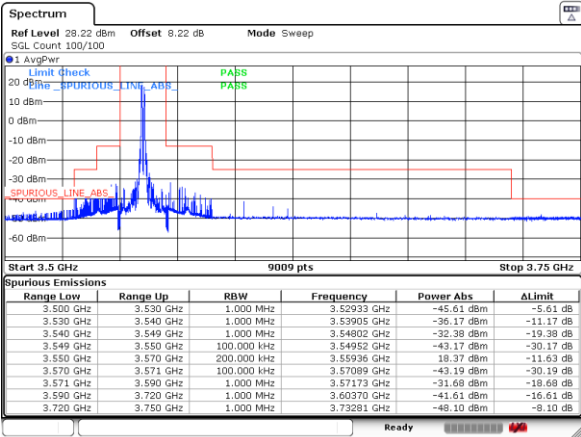


Date: 13 JAN 2022 10:40:09

Date: 13 JAN 2022 14:57:51

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB9 and 1RB0

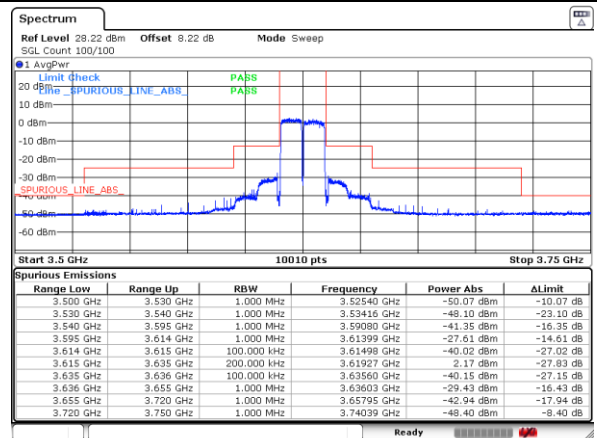
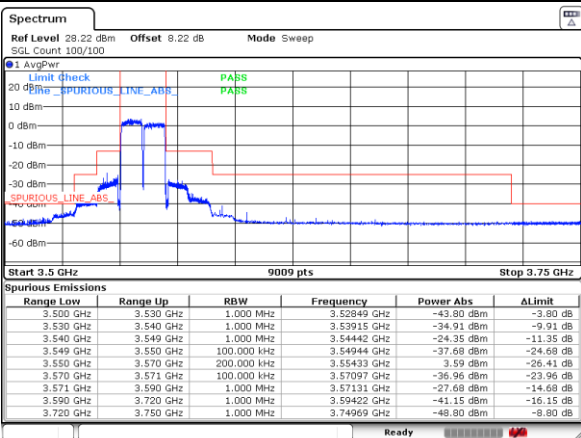


Date: 13 JAN 2022 10:42:25

Date: 13 JAN 2022 15:00:11

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 13 JAN 2022 10:35:56

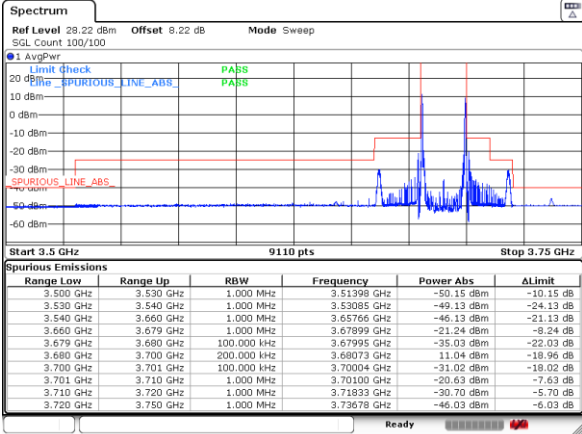
Date: 13 JAN 2022 14:56:17



LTE Band 48B / 10MHz+10MHz

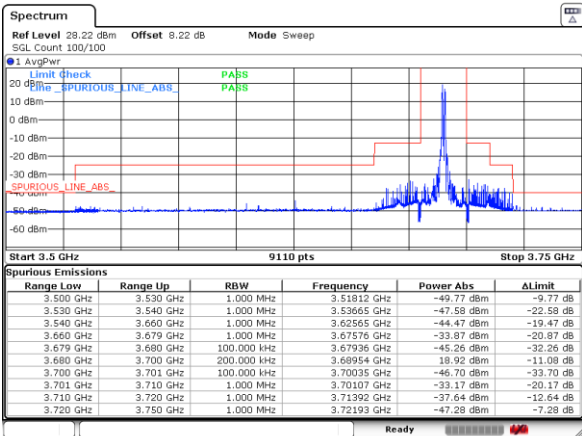
16QAM

Highest Band Edge / 1RB0 and 1RB49



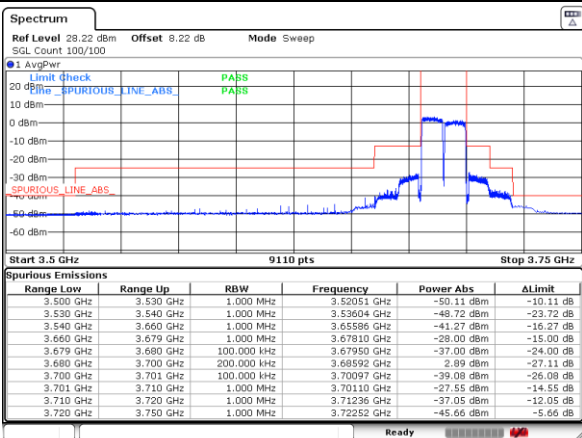
Date: 13 JAN 2022 14:18:18

Highest Band Edge / 1RB49 and 1RB0



Date: 13 JAN 2022 14:21:11

Highest Band Edge / Full RB



Date: 13 JAN 2022 14:15:17

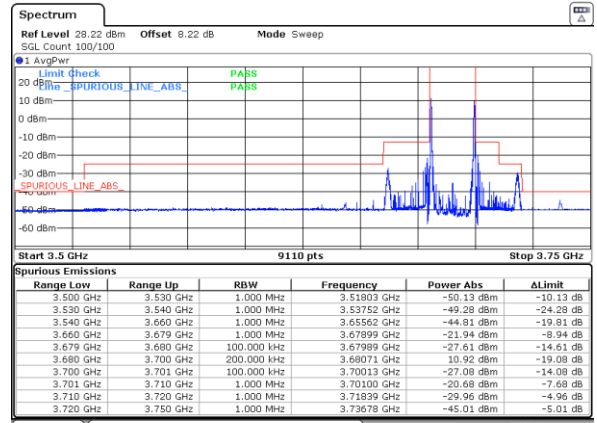
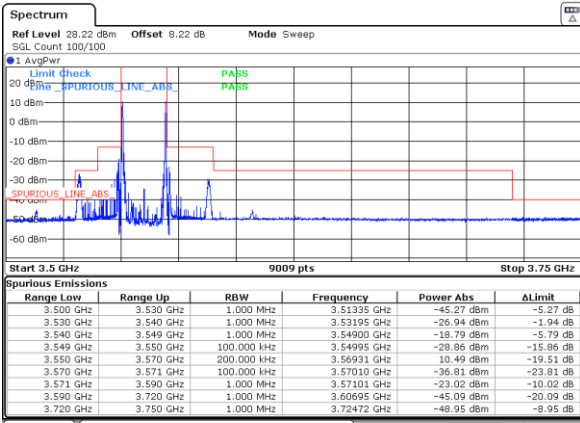


LTE Band 48B/ 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

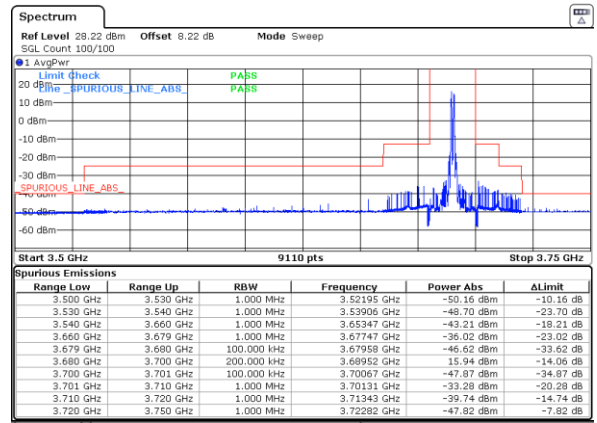
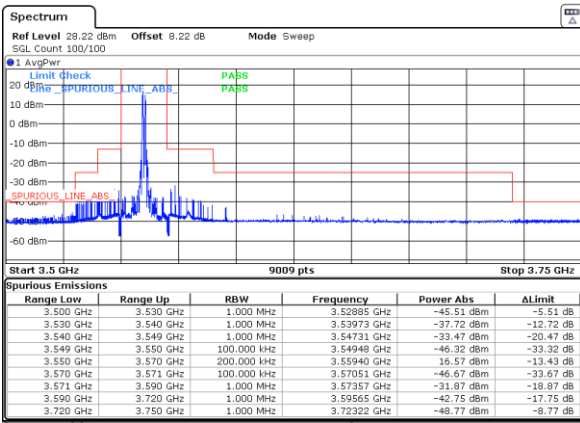


Date: 13 JAN 2022 10:40:38

Date: 13 JAN 2022 14:18:17

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

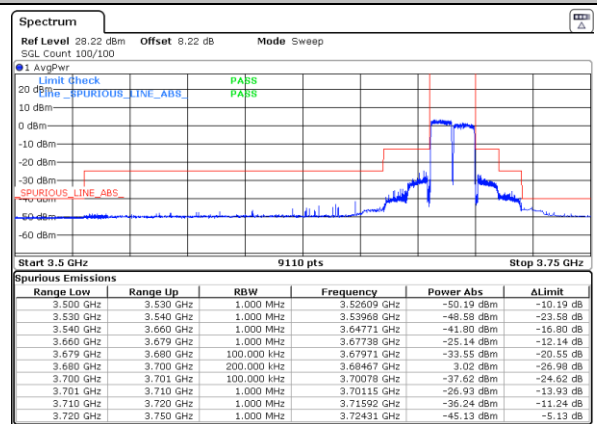
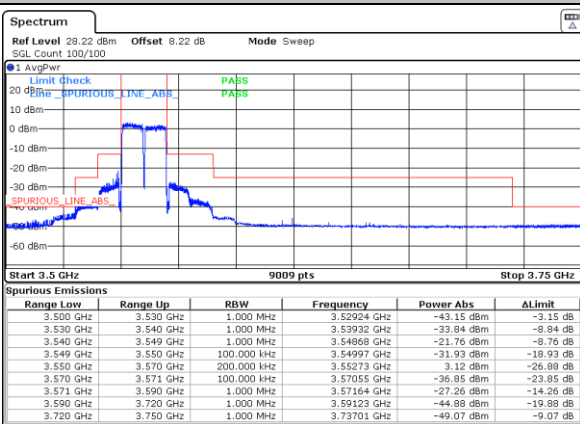


Date: 13 JAN 2022 10:41:47

Date: 13 JAN 2022 14:34:22

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 13 JAN 2022 10:35:23

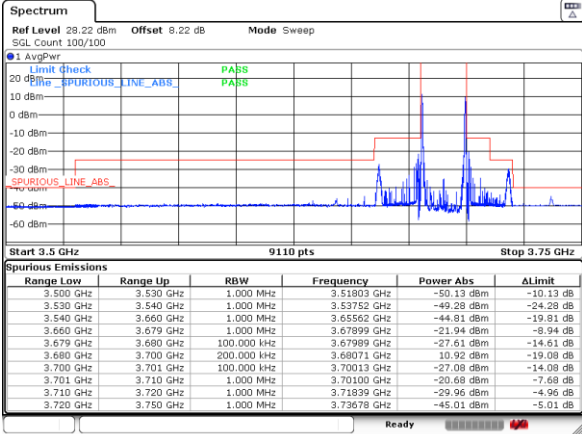
Date: 13 JAN 2022 14:15:49



LTE Band 48B / 10MHz+10MHz

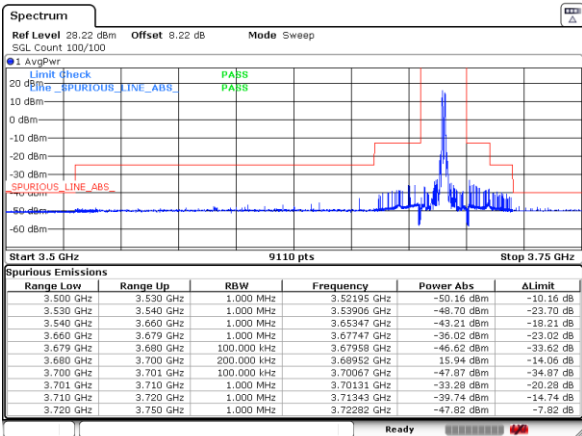
64QAM

Highest Band Edge / 1RB0 and 1RB49



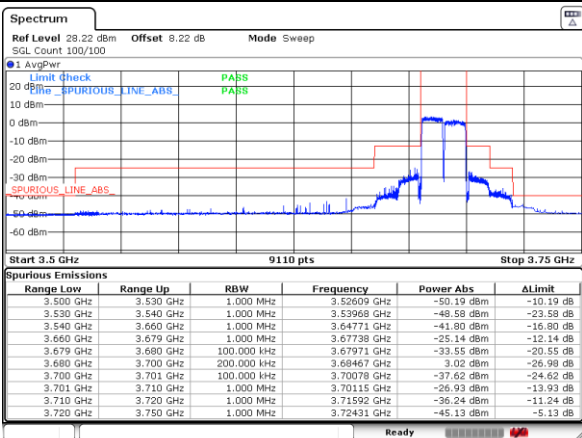
Date: 13 JAN 2022 14:18:17

Highest Band Edge / 1RB49 and 1RB0



Date: 13 JAN 2022 14:34:22

Highest Band Edge / Full RB



Date: 13 JAN 2022 14:15:49



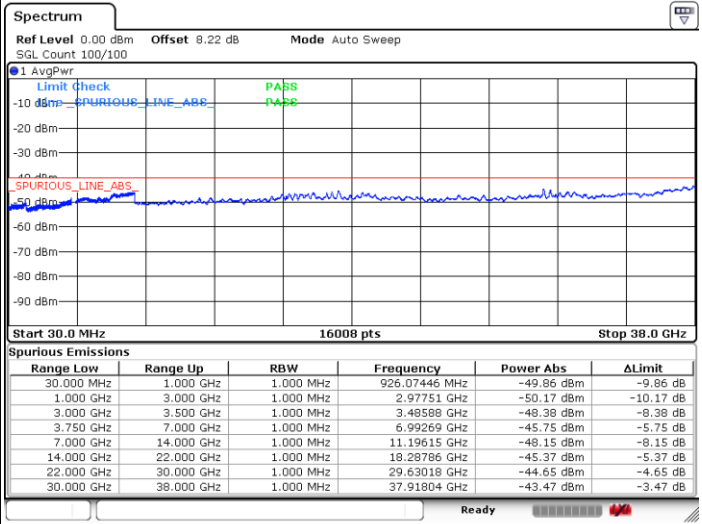
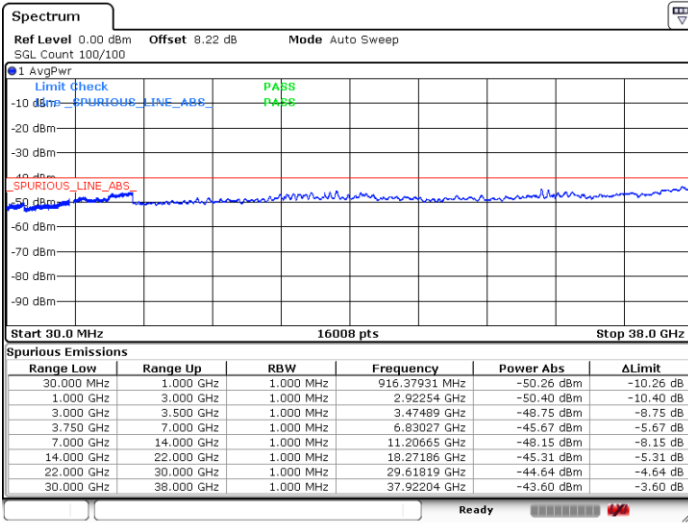
Conducted Spurious Emission

LTE Band 48B / 10MHz+10MHz

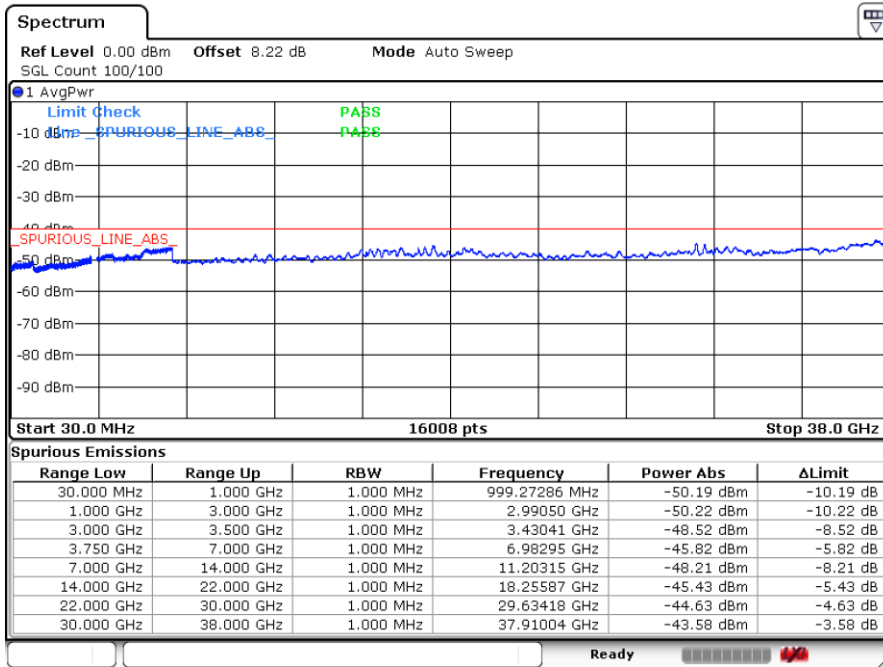
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



Highest Channel / 1RB99 and 1RB0





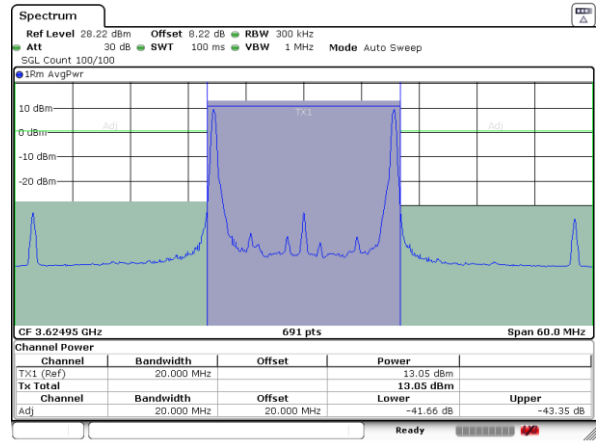
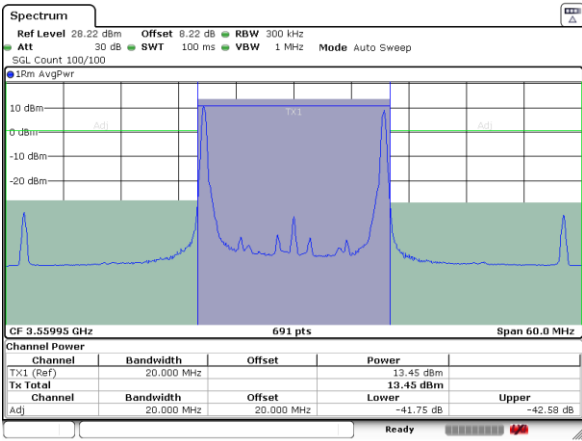
ACLR

LTE Band 48B / 10MHz+10MHz

QPSK

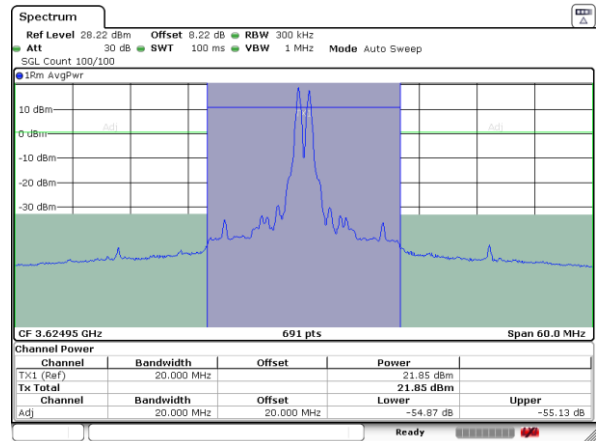
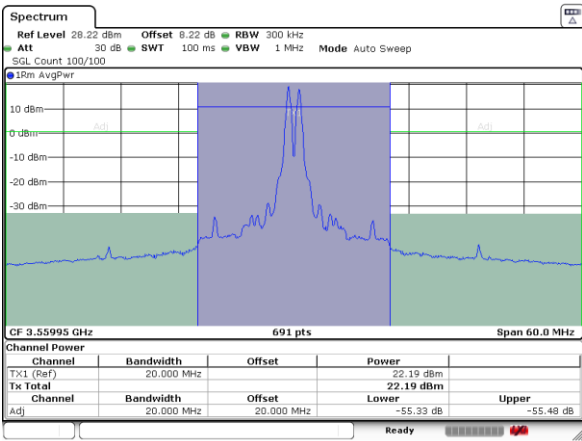
Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0





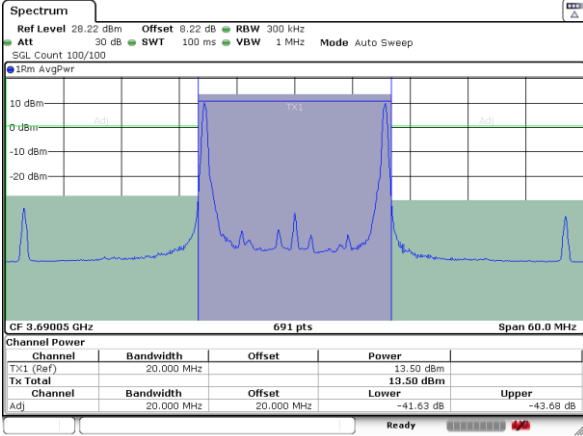


LTE Band 48B / 10MHz+10MHz

QPSK

Highest Band Edge / 1RB0 and 1RB99

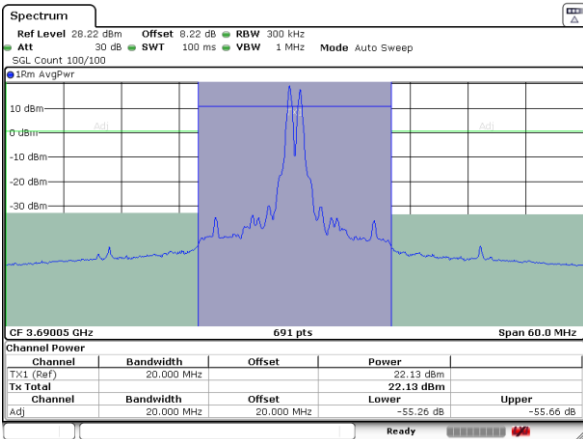
N/A



Date: 13 JAN 2022 15:59:57

Highest Band Edge / 1RB99 and 1RB0

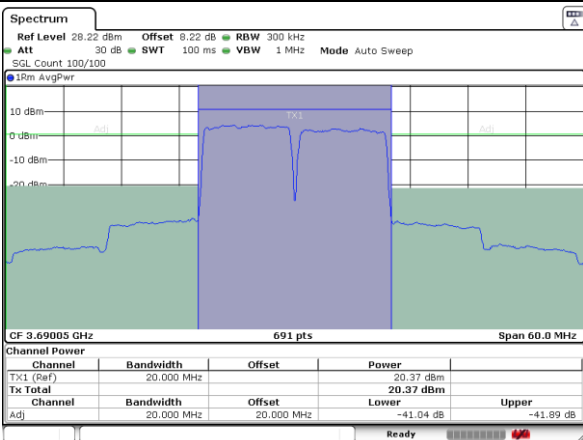
N/A



Date: 13 JAN 2022 16:00:34

Highest Band Edge / Full RB

N/A



Date: 13 JAN 2022 15:56:30

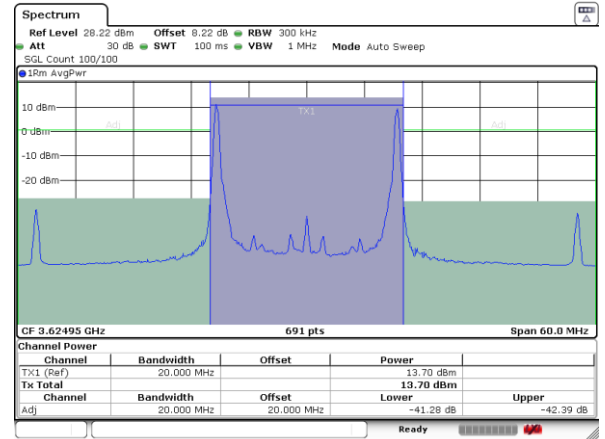
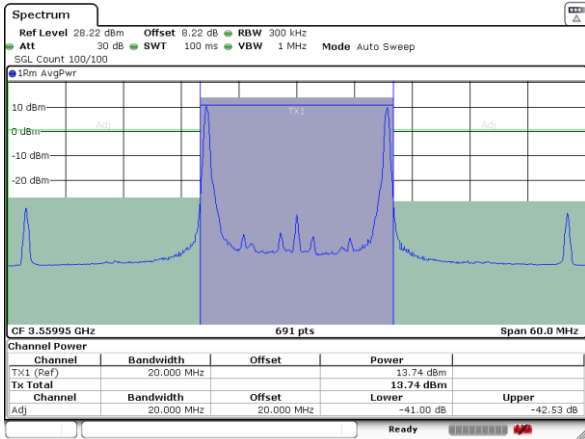


LTE Band 48B/ 10MHz+10MHz

16QAM

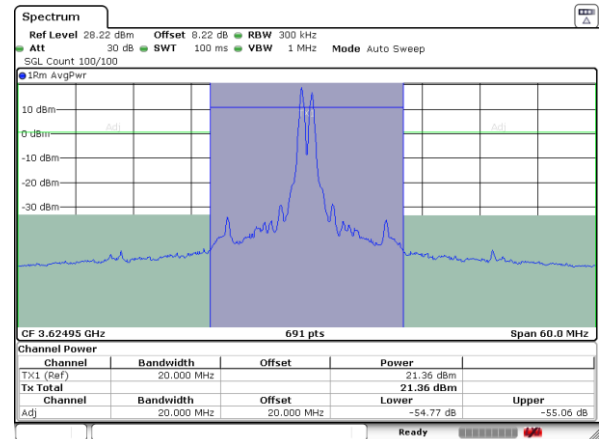
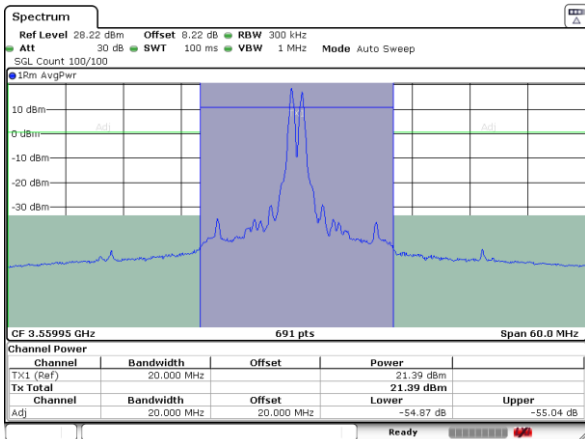
Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99



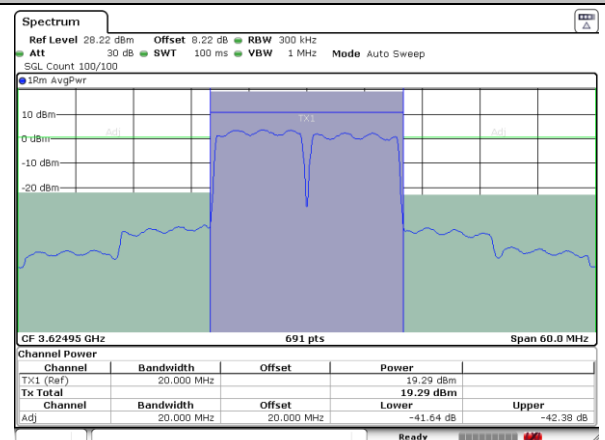
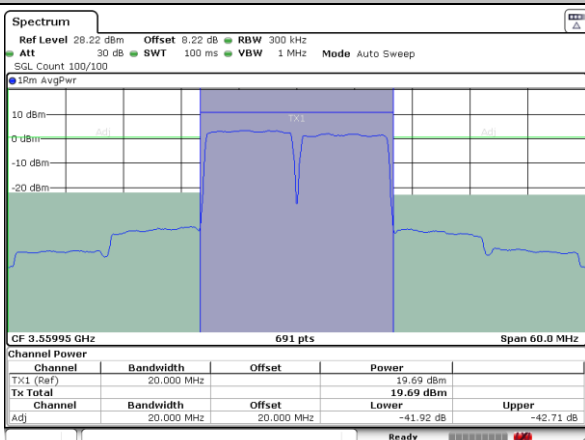
Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB



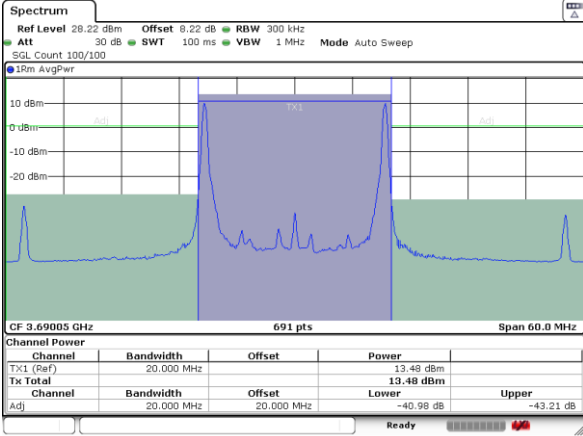


LTE Band 48B / 10MHz+10MHz

16QAM

Highest Band Edge / 1RB0 and 1RB99

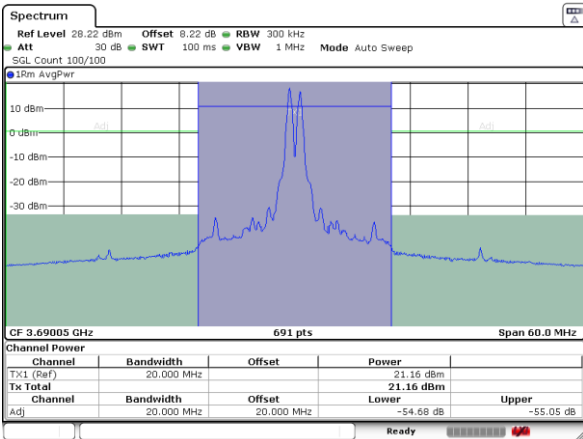
N/A



Date: 13 JAN 2022 15:59:22

Highest Band Edge / 1RB99 and 1RB0

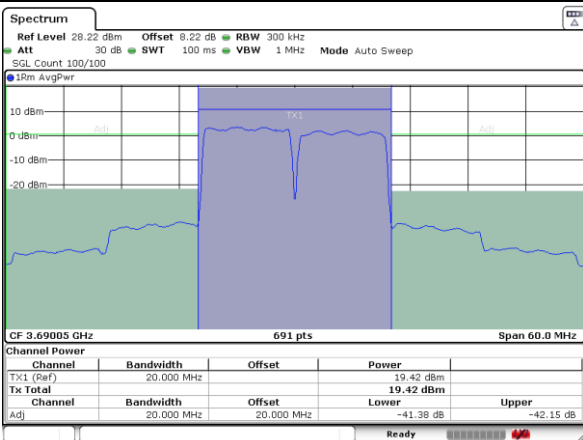
N/A



Date: 13 JAN 2022 16:01:09

Highest Band Edge / Full RB

N/A



Date: 13 JAN 2022 15:57:34

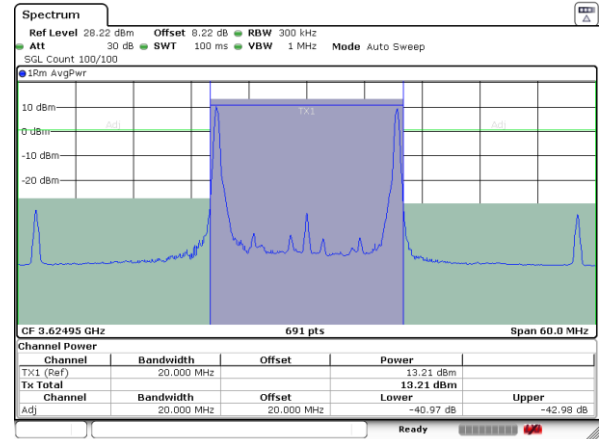
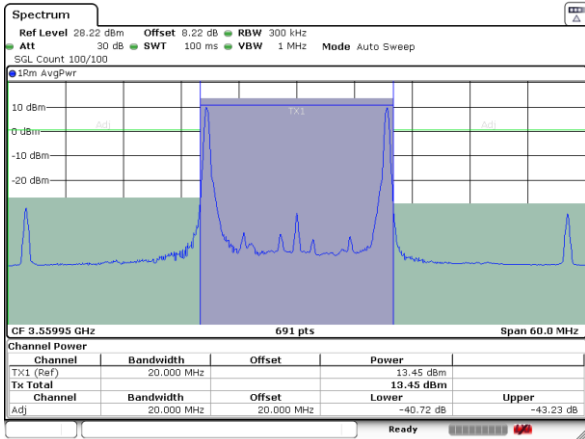


LTE Band 48B / 10MHz+10MHz

64QAM

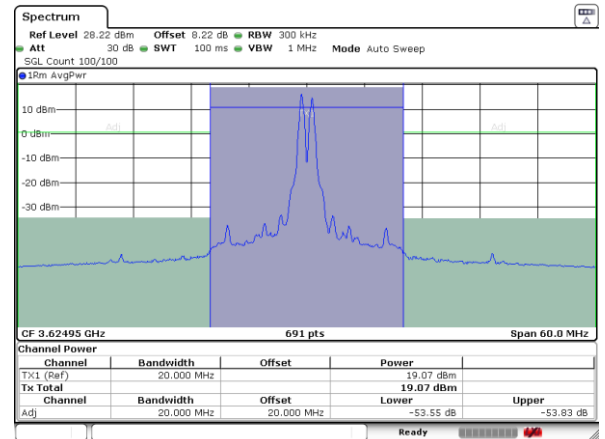
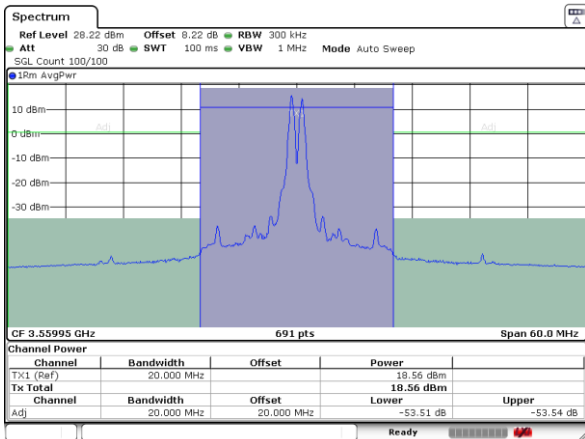
Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9



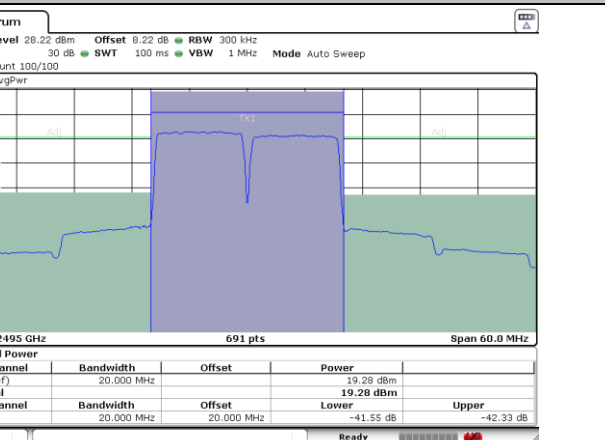
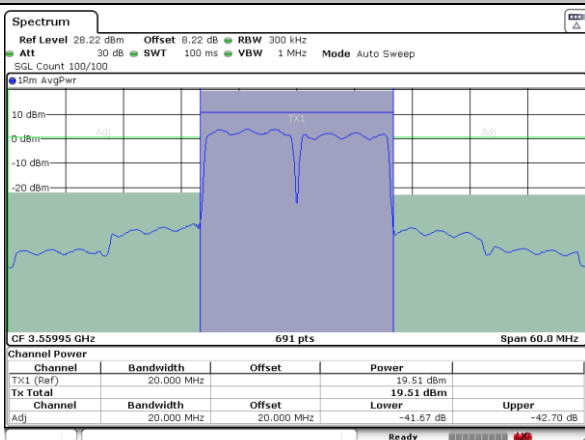
Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB



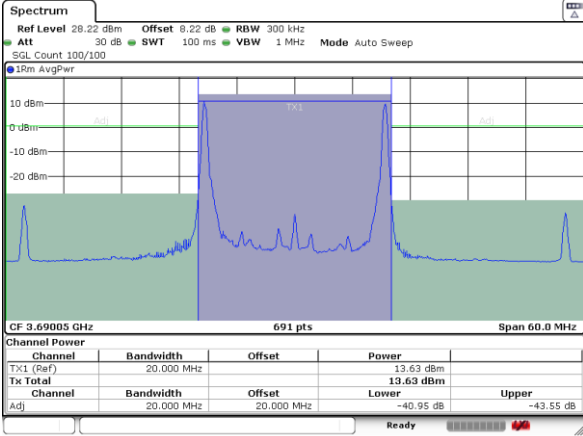


LTE Band 48B / 10MHz+10MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

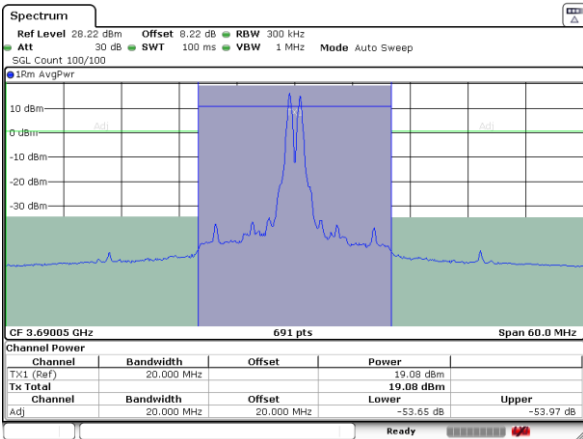
N/A



Date: 13 JAN 2022 15:58:48

Highest Band Edge / 1RB99 and 1RB0

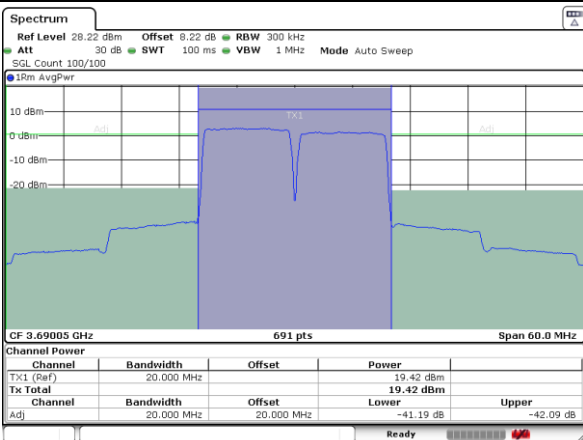
N/A



Date: 13 JAN 2022 16:02:10

Highest Band Edge / Full RB

N/A



Date: 13 JAN 2022 15:58:08



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 48 / 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)
Middle	7236	-57.64	-40	-17.64	-69.10	2.84	14.30	H
	10848	-52.59	-40	-12.59	-62.53	3.49	13.43	H
	14460	-44.86	-40	-4.86	-55.10	3.85	14.09	H
	7236	-57.19	-40	-17.19	-68.65	2.84	14.30	V
	10848	-53.01	-40	-13.01	-62.95	3.49	13.43	V
	14460	-47.18	-40	-7.18	-57.42	3.85	14.09	V

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

LTE Band 48C_CA / 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)
Middle	7260	-44.91	-40	-4.91	-56.37	2.84	14.30	H
	10896	-52.36	-40	-12.36	-62.30	3.49	13.43	H
	14532	-47.43	-40	-7.43	-57.67	3.85	14.09	H
	7260	-46.43	-40	-6.43	-57.89	2.84	14.30	V
	10896	-55.22	-40	-15.22	-65.16	3.49	13.43	V
	14532	-51.39	-40	-11.39	-61.63	3.85	14.09	V

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

LTE Band 48B_CA / 10MHz+10MHz / 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)
Middle	7272	-44.27	-40	-4.27	-55.73	2.84	14.30	H
	10920	-50.84	-40	-10.84	-60.78	3.49	13.43	H
	14556	-44.84	-40	-4.84	-55.08	3.85	14.09	H
	7272	-46.28	-40	-6.28	-57.74	2.84	14.30	V
	10920	-51.97	-40	-11.97	-61.91	3.49	13.43	V
	14556	-45.27	-40	-5.27	-55.51	3.85	14.09	V

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