

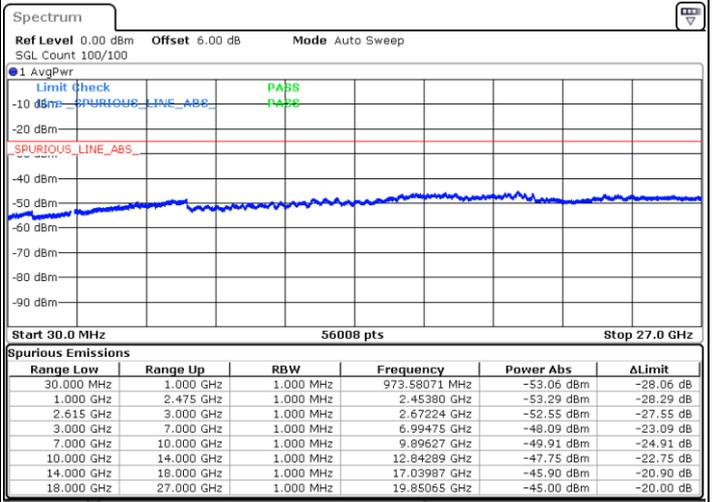
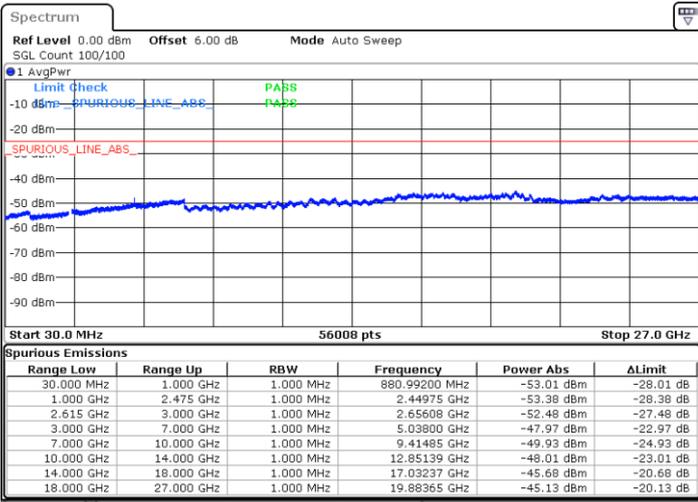


LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Channel / 1RB99 and 1RB0

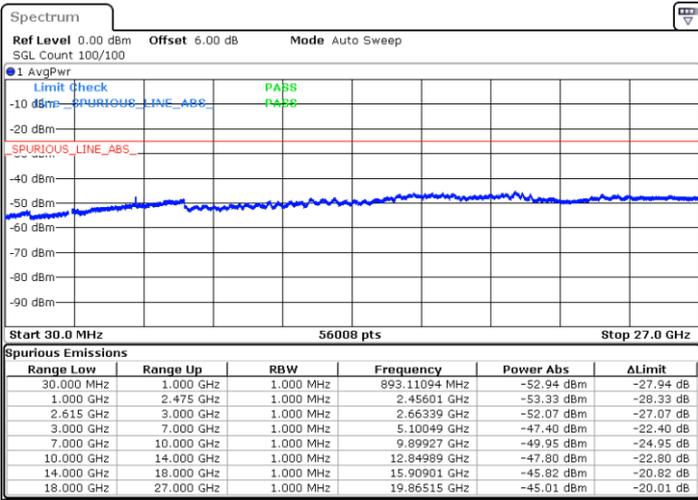
Middle Channel / 1RB99 and 1RB0



Date: 7.NOV.2020 15:47:59

Date: 7.NOV.2020 15:45:36

Highest Channel / 1RB99 and 1RB0



Date: 7.NOV.2020 15:34:58



## LTE Band 38C

### 26dB Bandwidth

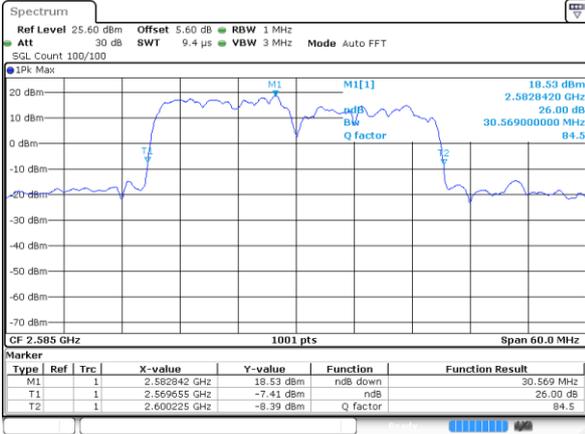
Mode	LTE Band 38C : 26dB BW(MHz)		
	QPSK	16QAM	64QAM
<b>BW</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>
Lowest CH	30.57	30.57	30.45
Middle CH	30.69	30.45	30.39
Highest CH	30.51	30.75	30.51
<b>BW</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>
Lowest CH	39.80	39.72	39.96
Middle CH	39.88	39.72	39.96
Highest CH	39.79	39.72	39.64



LTE Band 38C

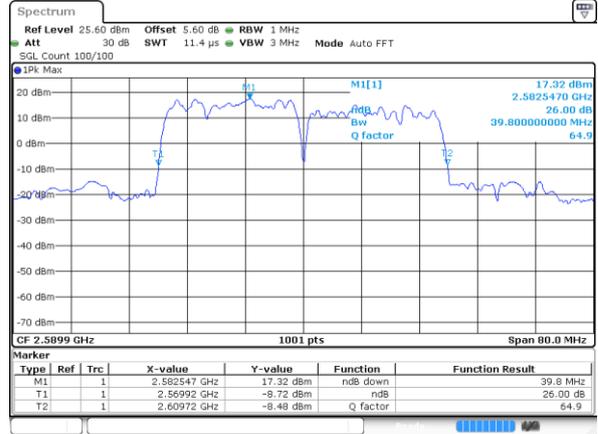
QPSK

Lowest Channel / 15MHz+15MHz



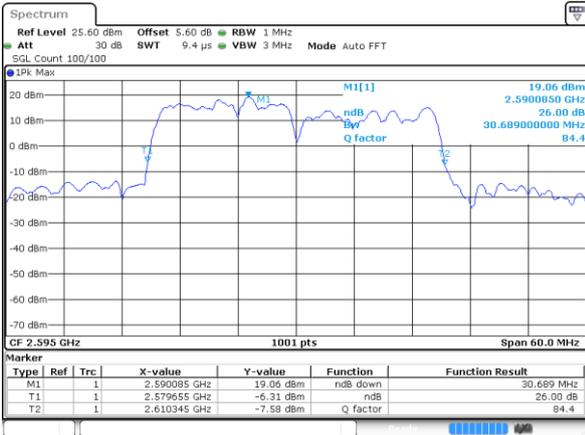
Date: 6 NOV 2020 21:20:19

Lowest Channel / 20MHz+20MHz



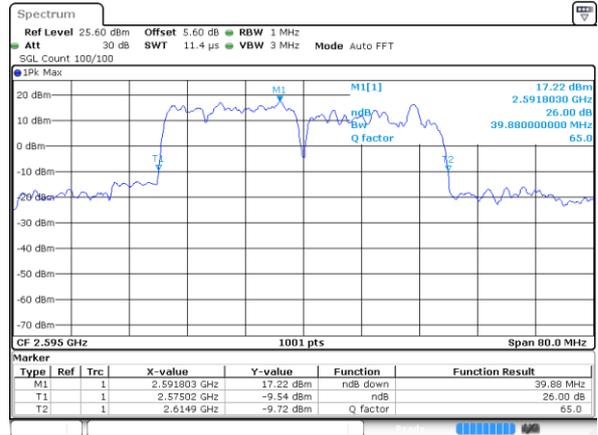
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Middle Channel / 15MHz+15MHz



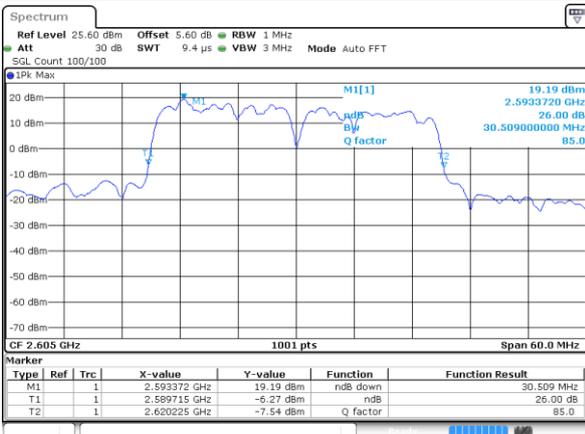
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Middle Channel / 20MHz+20MHz



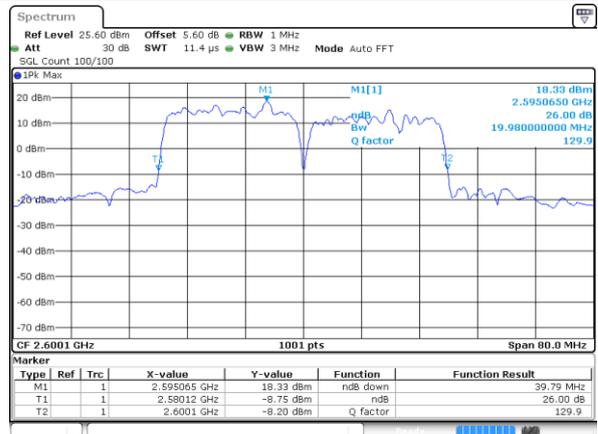
Date: 6 NOV 2020 21:30:22

Highest Channel / 15MHz+15MHz



Date: 6 NOV 2020 20:58:24

Highest Channel / 20MHz+20MHz



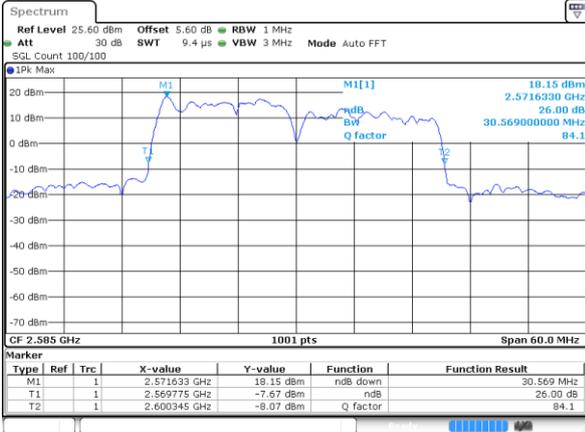
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LTE Band 38C

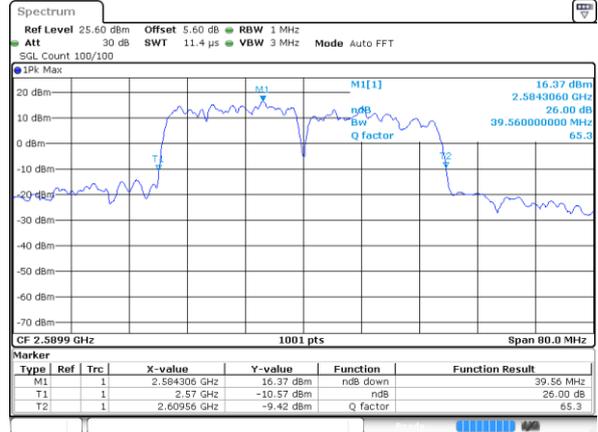
16QAM

Lowest Channel / 15MHz+15MHz



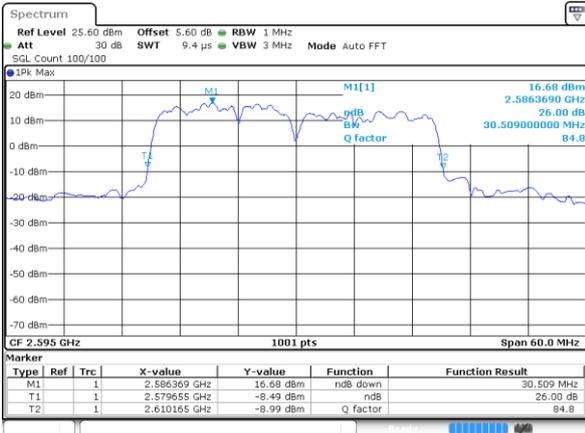
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Lowest Channel / 20MHz+20MHz



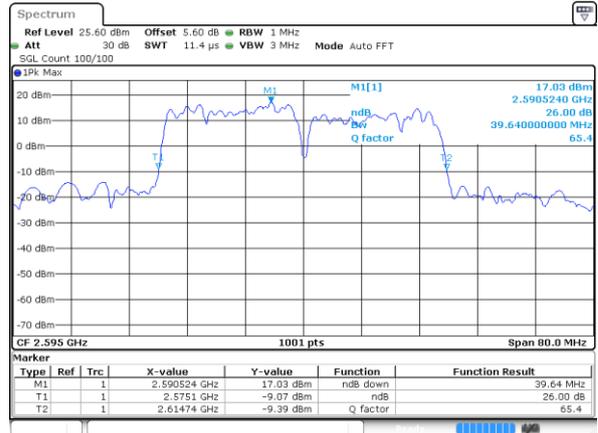
Date: 6 NOV 2020 21:28:28

Middle Channel / 15MHz+15MHz



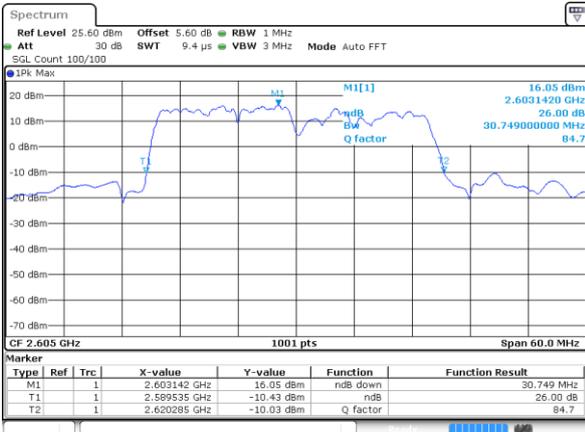
Date: 6 NOV 2020 21:18:13

Middle Channel / 20MHz+20MHz



Date: 6 NOV 2020 21:30:51

Highest Channel / 15MHz+15MHz



Date: 6 NOV 2020 20:58:47

Highest Channel / 20MHz+20MHz



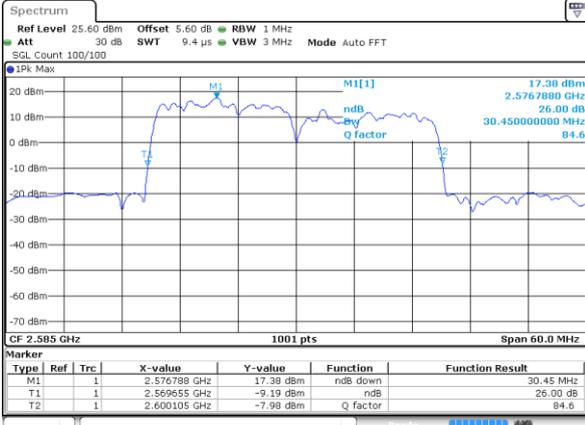
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LTE Band 38C

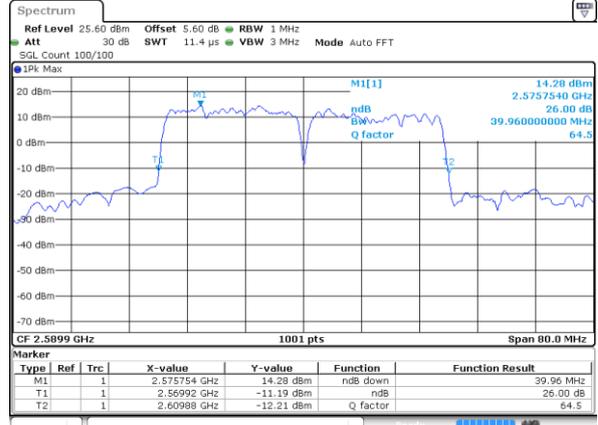
64QAM

Lowest Channel / 15MHz+15MHz



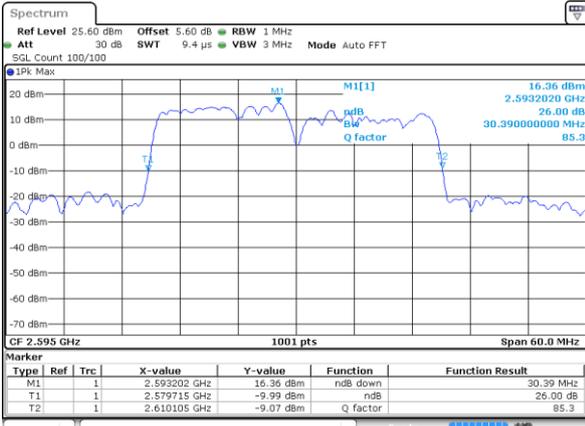
Date: 6 NOV 2020 21:21:42

Lowest Channel / 20MHz+20MHz



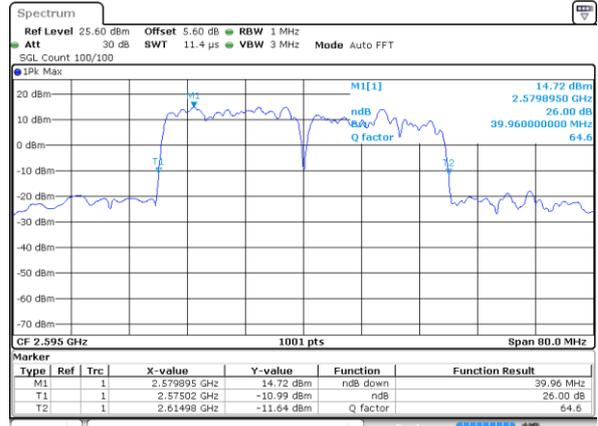
Date: 6 NOV 2020 21:27:54

Middle Channel / 15MHz+15MHz



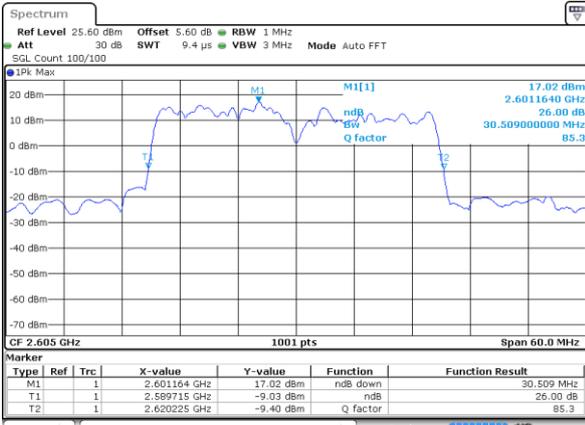
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Middle Channel / 20MHz+20MHz



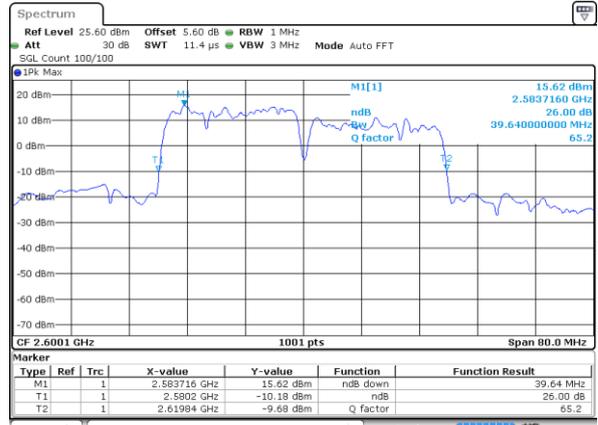
Date: 6 NOV 2020 21:31:32

Highest Channel / 15MHz+15MHz



Date: 6 NOV 2020 21:01:18

Highest Channel / 20MHz+20MHz



Date: 6 NOV 2020 21:33:26



### Occupied Bandwidth

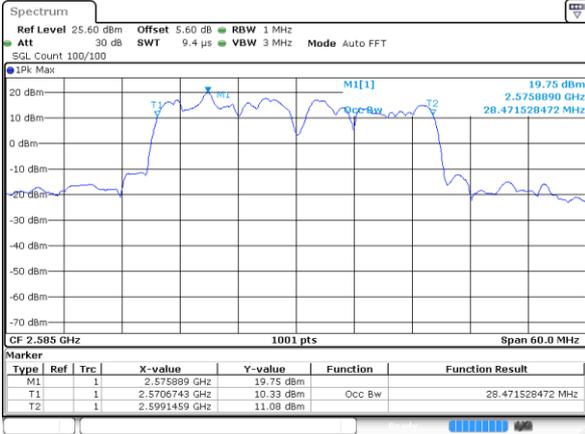
Mode	LTE Band 38C : 99%OBW(MHz)		
	QPSK	16QAM	64QAM
<b>BW</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>	<b>15MHz+15MHz</b>
Lowest CH	28.47	28.35	28.59
Middle CH	28.65	28.71	28.59
Highest CH	28.65	28.77	28.35
<b>BW</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>
Lowest CH	37.56	37.40	37.80
Middle CH	37.32	37.88	37.64
Highest CH	37.24	37.64	37.56



LTE Band 38C

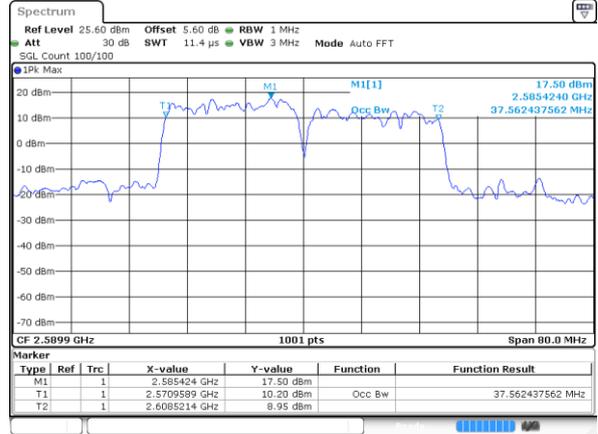
QPSK

Lowest Channel / 15MHz+15MHz



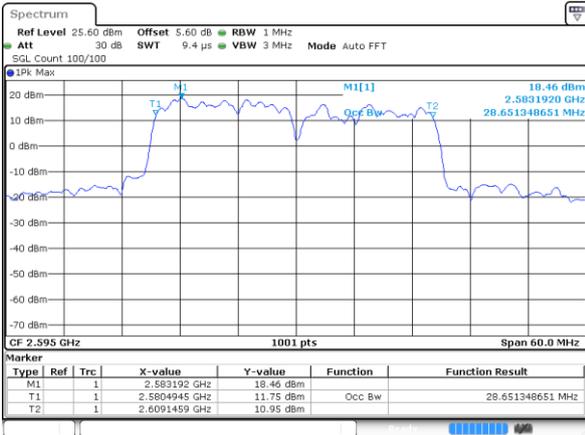
Date: 6 NOV 2020 21:20:13

Lowest Channel / 20MHz+20MHz



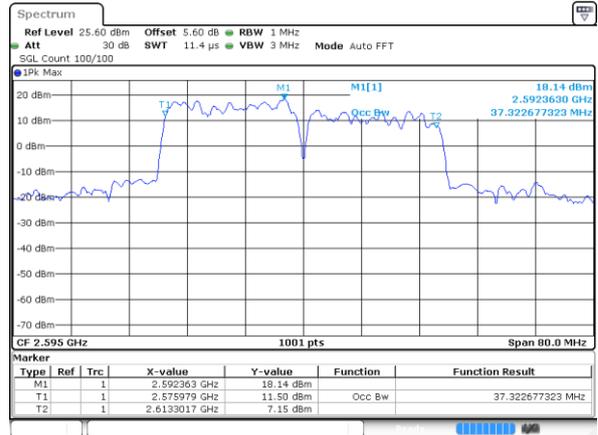
Date: 6 NOV 2020 21:28:43

Middle Channel / 15MHz+15MHz



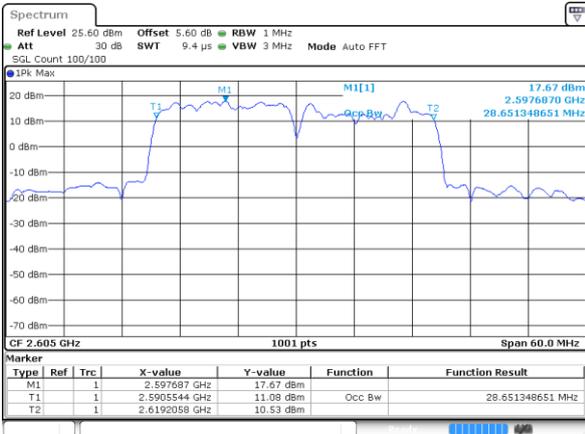
Date: 6 NOV 2020 21:19:08

Middle Channel / 20MHz+20MHz



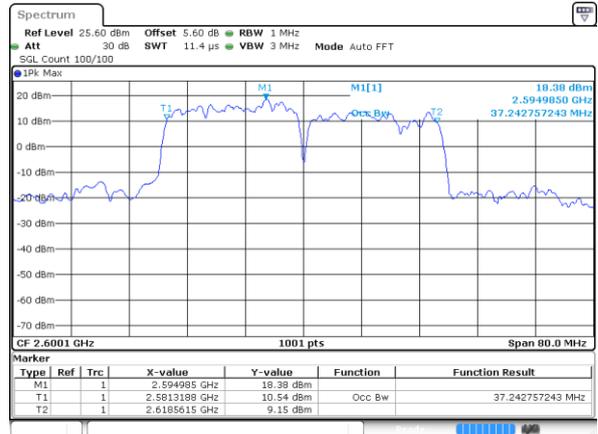
Date: 6 NOV 2020 21:30:16

Highest Channel / 15MHz+15MHz



Date: 6 NOV 2020 20:58:18

Highest Channel / 20MHz+20MHz



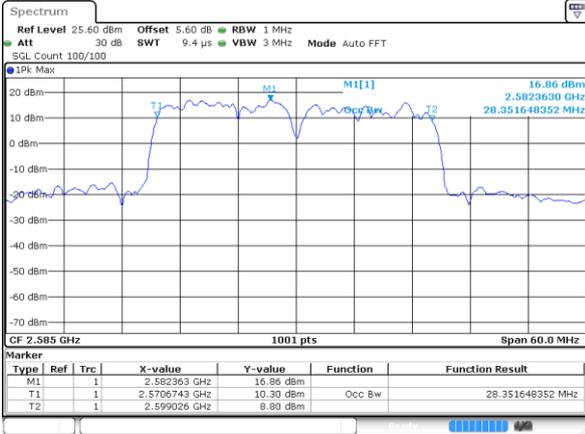
Date: 6 NOV 2020 21:34:09



LTE Band 38C

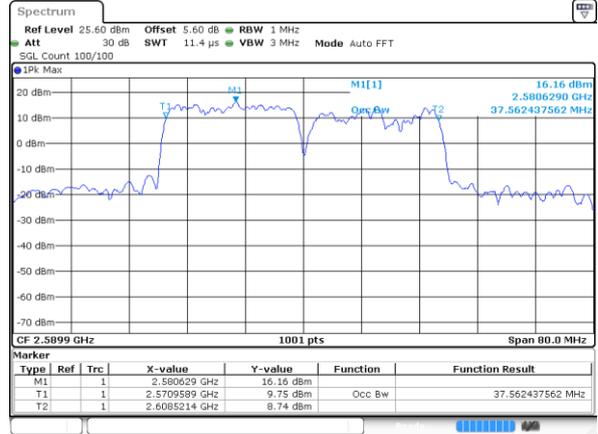
16QAM

Lowest Channel / 15MHz+15MHz



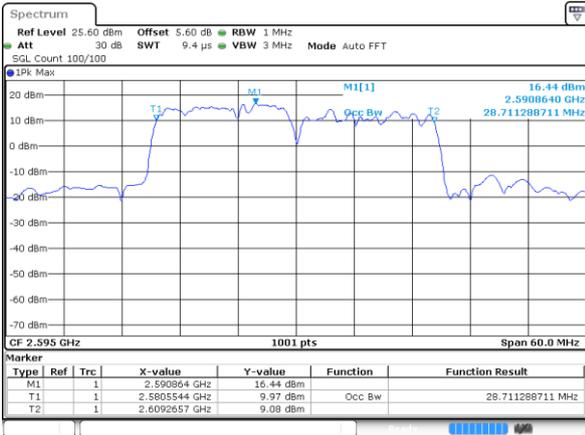
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Lowest Channel / 20MHz+20MHz



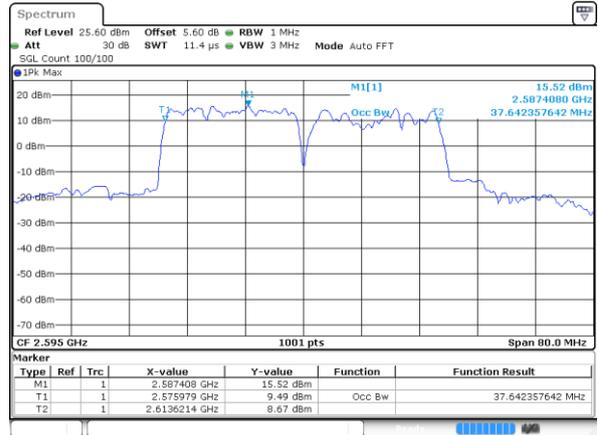
Date: 6 NOV 2020 21:28:22

Middle Channel / 15MHz+15MHz



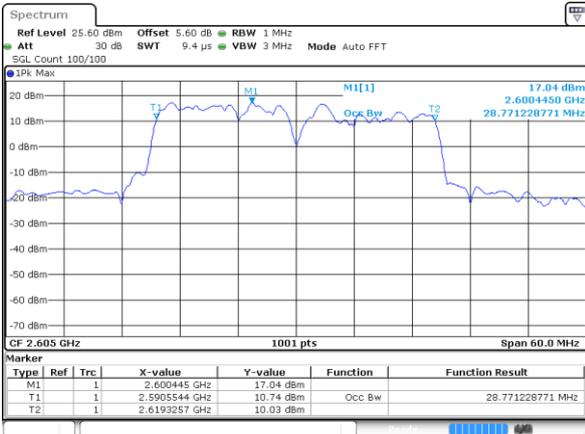
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Middle Channel / 20MHz+20MHz



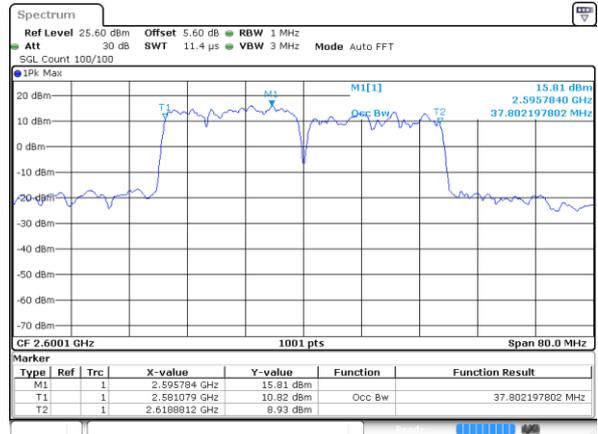
Date: 6 NOV 2020 21:30:45

Highest Channel / 15MHz+15MHz



Date: 6 NOV 2020 20:58:41

Highest Channel / 20MHz+20MHz



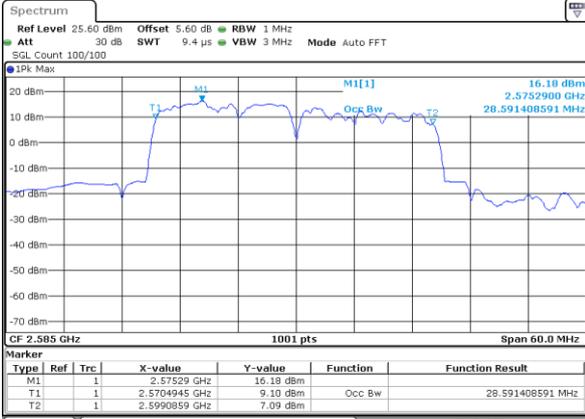
Date: 6 NOV 2020 21:33:47



LTE Band 38C

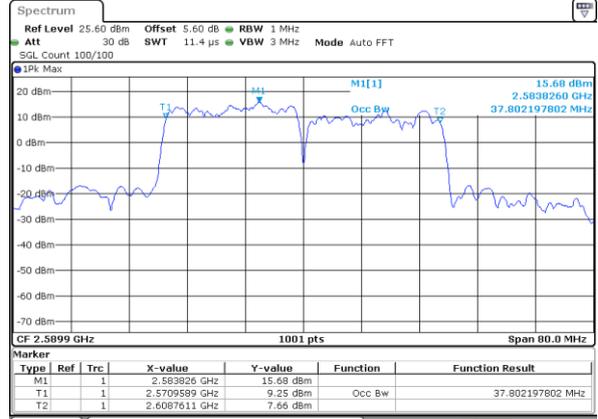
64QAM

Lowest Channel / 15MHz+15MHz



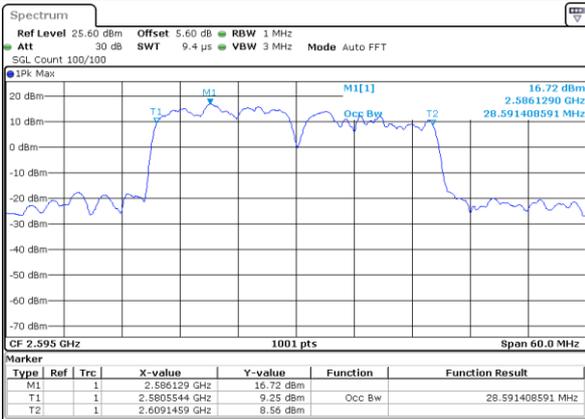
Date: 6 NOV 2020 21:21:28

Lowest Channel / 20MHz+20MHz



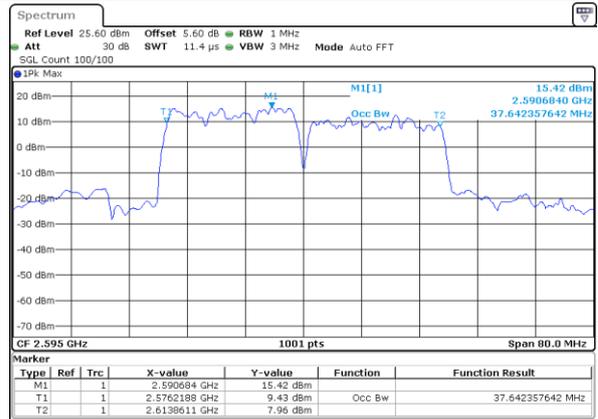
Date: 6 NOV 2020 21:27:34

Middle Channel / 15MHz+15MHz



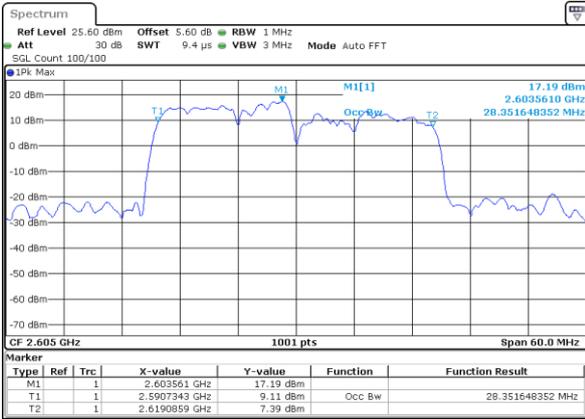
Date: 6 NOV 2020 21:17:39

Middle Channel / 20MHz+20MHz



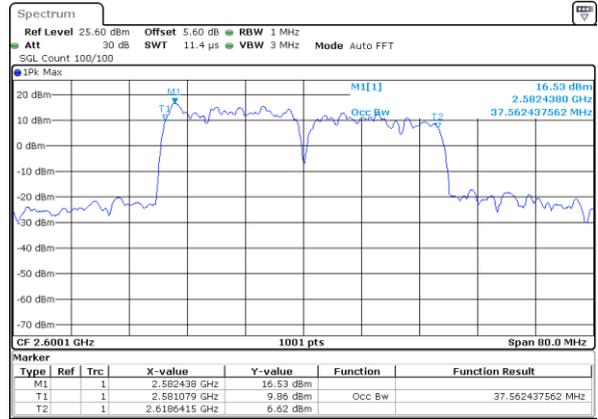
Date: 6 NOV 2020 21:31:11

Highest Channel / 15MHz+15MHz



Date: 6 NOV 2020 21:01:06

Highest Channel / 20MHz+20MHz



Date: 6 NOV 2020 21:32:56

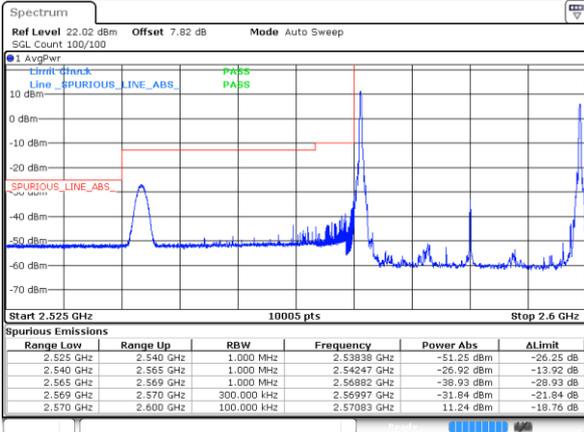


# Conducted Band Edge

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

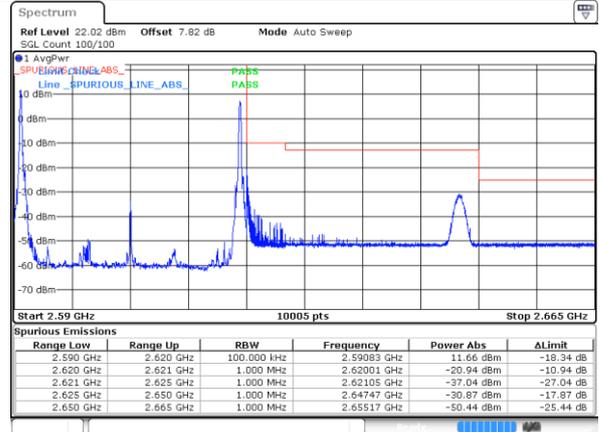
### QPSK

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



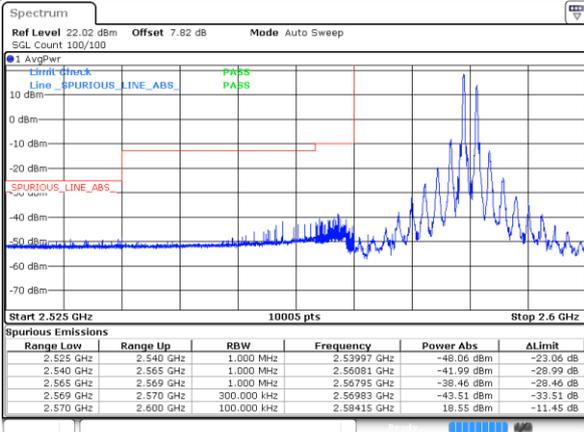
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#### Highest Band Edge / 1RB0 and 1RB74



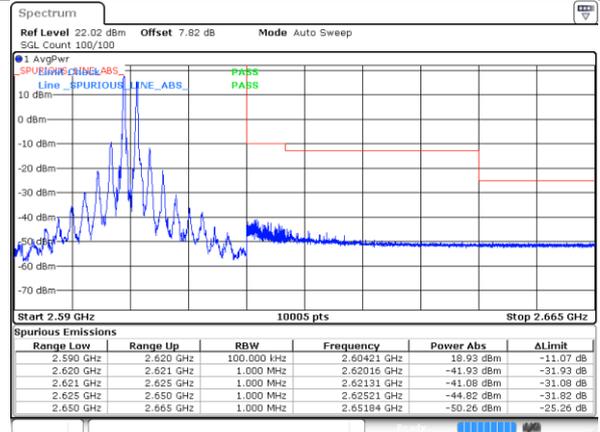
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#### Lowest Band Edge / 1RB74 and 1RB0



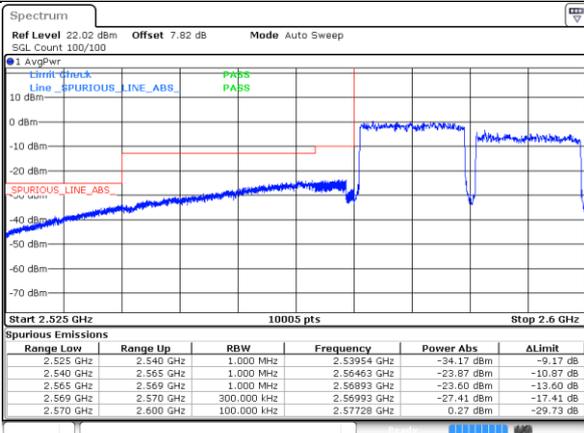
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#### Highest Band Edge / 1RB74 and 1RB0



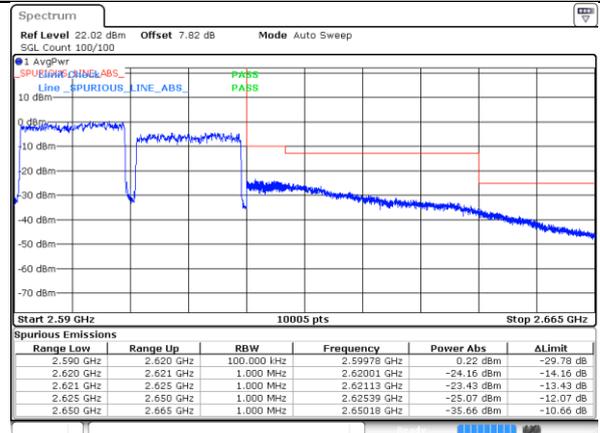
Date: 6 NOV 2020 19:37:00

#### Lowest Band Edge / Full RB



Date: 6 NOV 2020 19:18:19

#### Highest Band Edge / Full RB



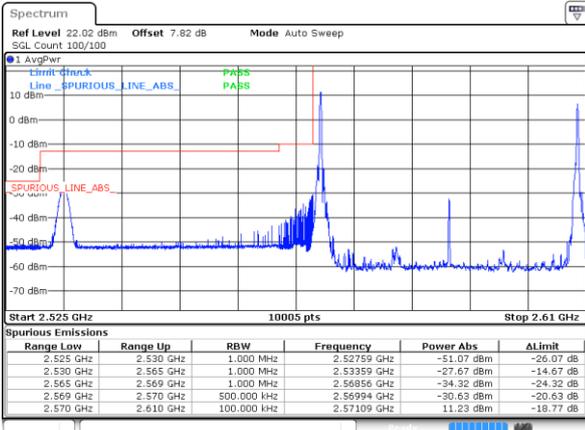
Date: 6 NOV 2020 19:46:08



LTE Band 38C / 20MHz+20MHz

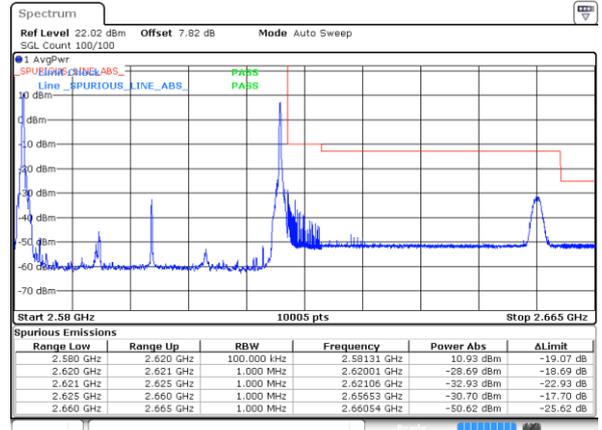
QPSK

Lowest Band Edge / 1RB0 and 1RB9



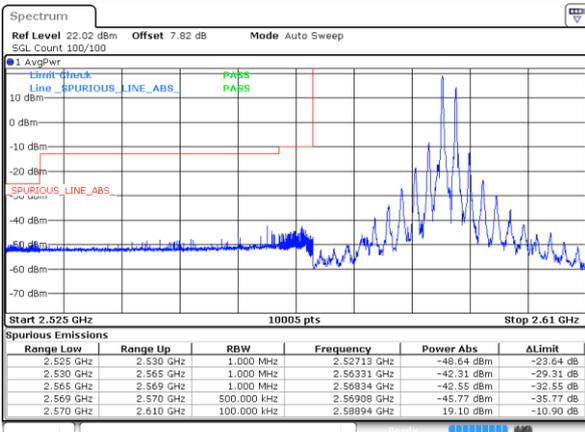
Date: 6 NOV 2020 19:54:43

Highest Band Edge / 1RB0 and 1RB9



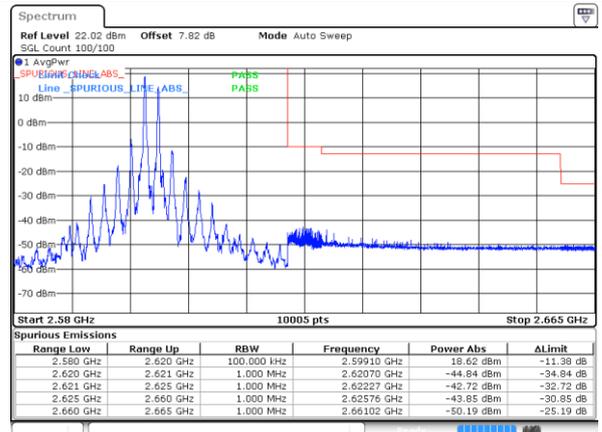
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Lowest Band Edge / 1RB99 and 1RB0



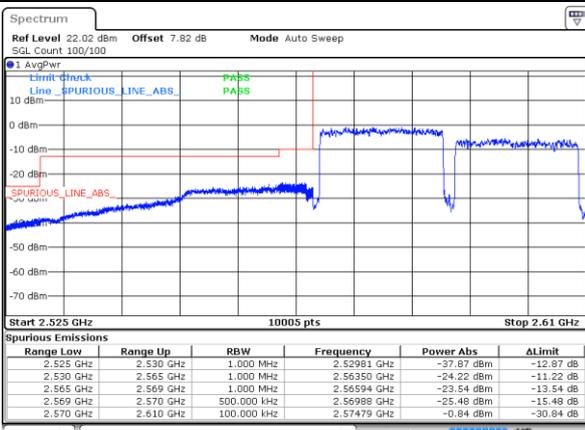
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Highest Band Edge / 1RB99 and 1RB0



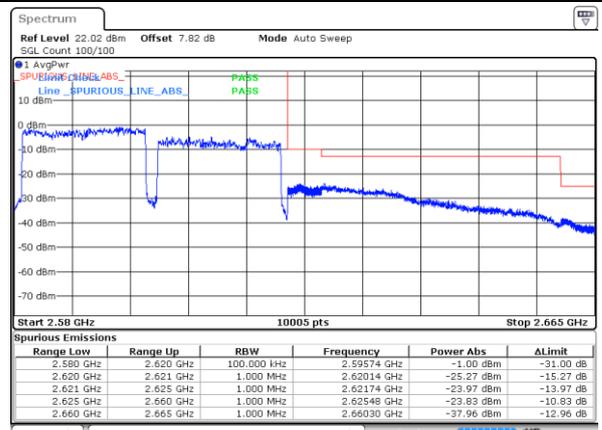
Date: 6 NOV 2020 20:16:11

Lowest Band Edge / Full RB



Date: 6 NOV 2020 19:50:48

Highest Band Edge / Full RB



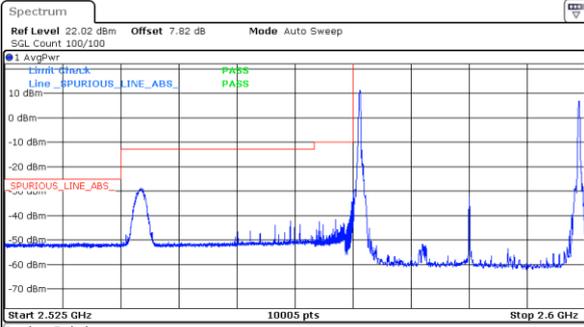
Date: 6 NOV 2020 20:21:21



LTE Band 38C / 15MHz+15MHz

16QAM

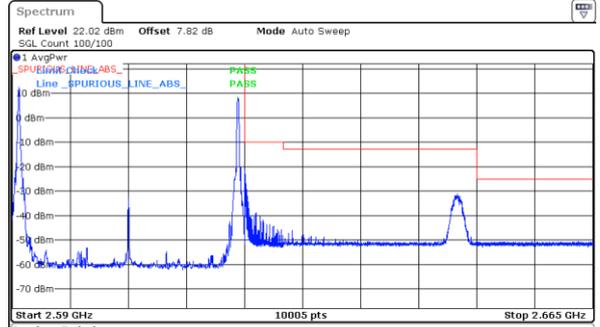
Lowest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.540 GHz	1.000 MHz	2.53532 GHz	-51.08 dBm	-26.08 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.54254 GHz	-28.86 dBm	-15.86 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56775 GHz	-41.50 dBm	-31.50 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56997 GHz	-31.18 dBm	-21.18 dB
2.570 GHz	2.600 GHz	100.000 kHz	2.57089 GHz	-11.15 dBm	-19.85 dB

Date: 6 NOV 2020 19:21:40

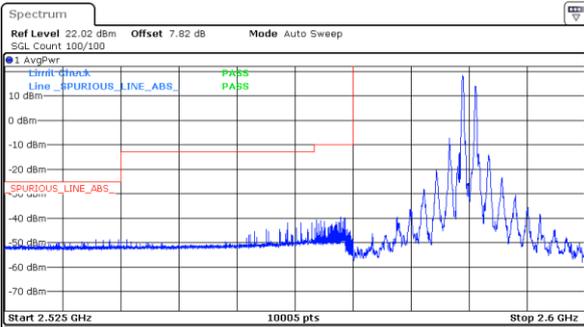
Highest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.620 GHz	100.000 kHz	2.59088 GHz	12.56 dBm	-17.44 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62001 GHz	-21.47 dBm	-11.47 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62149 GHz	-38.81 dBm	-28.81 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.64750 GHz	-31.02 dBm	-18.02 dB
2.650 GHz	2.665 GHz	1.000 MHz	2.65003 GHz	-50.57 dBm	-25.57 dB

Date: 6 NOV 2020 19:44:30

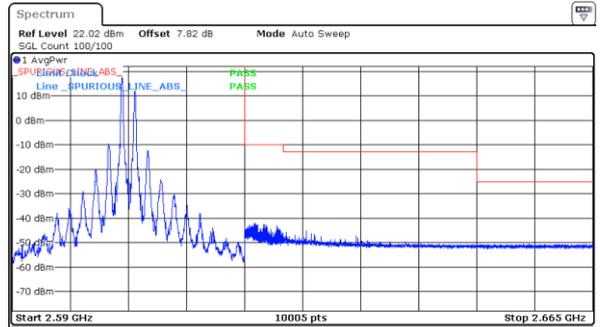
Lowest Band Edge / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.540 GHz	1.000 MHz	2.53680 GHz	-48.63 dBm	-23.63 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56160 GHz	-41.72 dBm	-29.72 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56838 GHz	-39.33 dBm	-29.33 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56921 GHz	-44.59 dBm	-34.59 dB
2.570 GHz	2.600 GHz	100.000 kHz	2.58416 GHz	18.35 dBm	-11.65 dB

Date: 6 NOV 2020 19:28:16

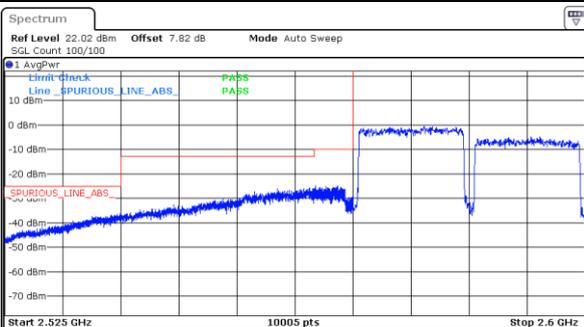
Highest Band Edge / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.620 GHz	100.000 kHz	2.60416 GHz	17.47 dBm	-12.53 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62067 GHz	-42.71 dBm	-32.71 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62135 GHz	-41.75 dBm	-31.75 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62793 GHz	-45.17 dBm	-32.17 dB
2.650 GHz	2.665 GHz	1.000 MHz	2.66412 GHz	-50.48 dBm	-25.48 dB

Date: 6 NOV 2020 19:38:25

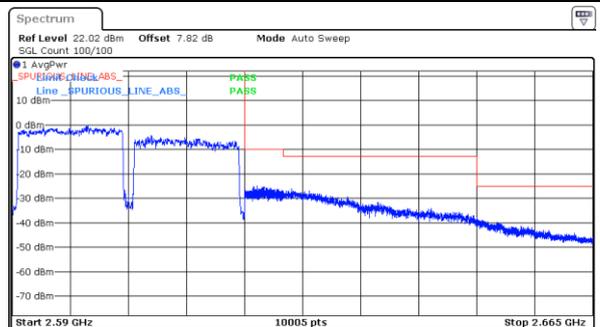
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.525 GHz	2.540 GHz	1.000 MHz	2.53993 GHz	-36.22 dBm	-11.22 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56441 GHz	-25.86 dBm	-12.86 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56515 GHz	-24.89 dBm	-14.89 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-28.99 dBm	-18.99 dB
2.570 GHz	2.600 GHz	100.000 kHz	2.58023 GHz	-0.65 dBm	-30.65 dB

Date: 6 NOV 2020 19:18:52

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.620 GHz	100.000 kHz	2.59980 GHz	-0.13 dBm	-30.13 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62001 GHz	-26.49 dBm	-16.49 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62160 GHz	-24.89 dBm	-14.89 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62612 GHz	-25.08 dBm	-13.08 dB
2.650 GHz	2.665 GHz	1.000 MHz	2.65007 GHz	-38.51 dBm	-13.51 dB

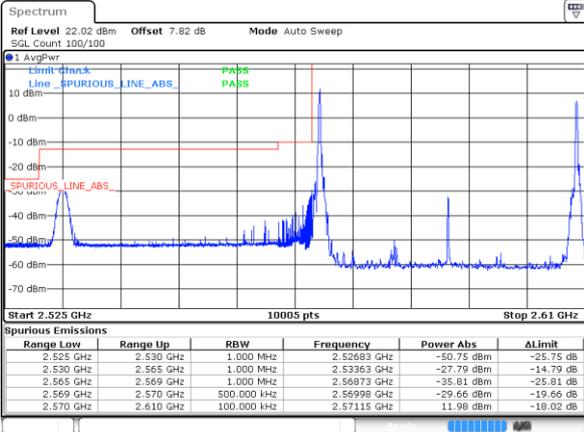
Date: 6 NOV 2020 19:46:39



LTE Band 38C / 20MHz+20MHz

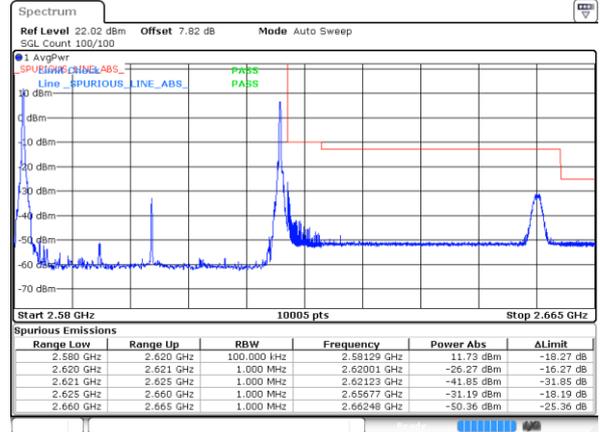
16QAM

Lowest Band Edge / 1RB0 and 1RB9



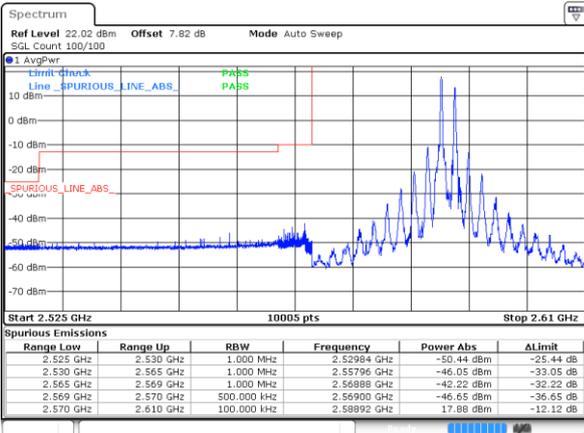
Date: 6 NOV 2020 19:55:26

Highest Band Edge / 1RB0 and 1RB9



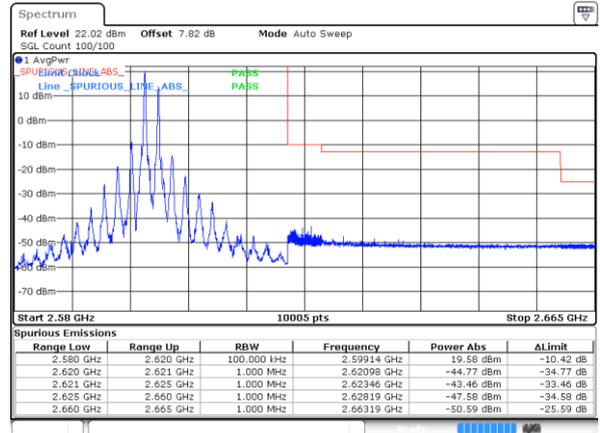
Date: 6 NOV 2020 20:18:16

Lowest Band Edge / 1RB99 and 1RB0



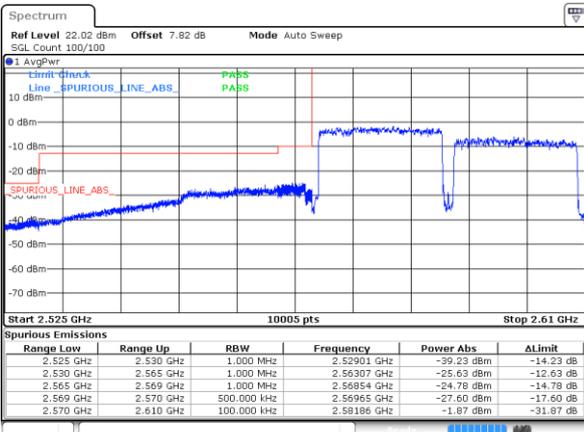
Date: 6 NOV 2020 20:05:50

Highest Band Edge / 1RB99 and 1RB0



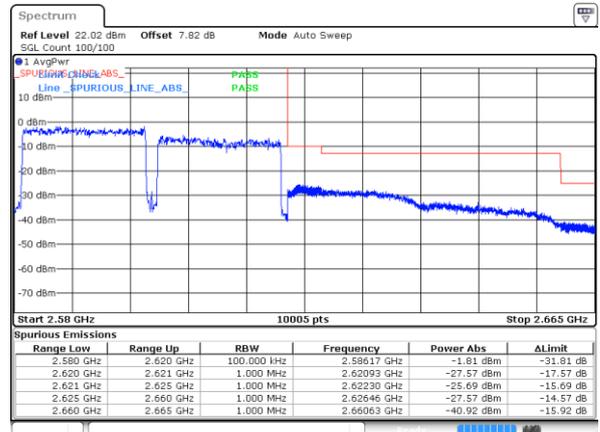
Date: 6 NOV 2020 20:14:50

Lowest Band Edge / Full RB



Date: 6 NOV 2020 19:50:22

Highest Band Edge / Full RB



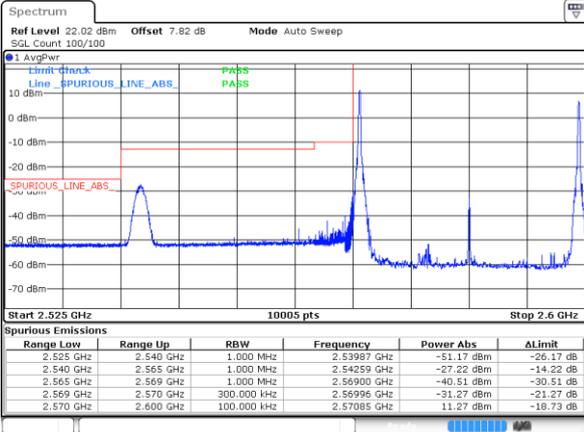
Date: 6 NOV 2020 20:20:55



LTE Band 38C / 15MHz+15MHz

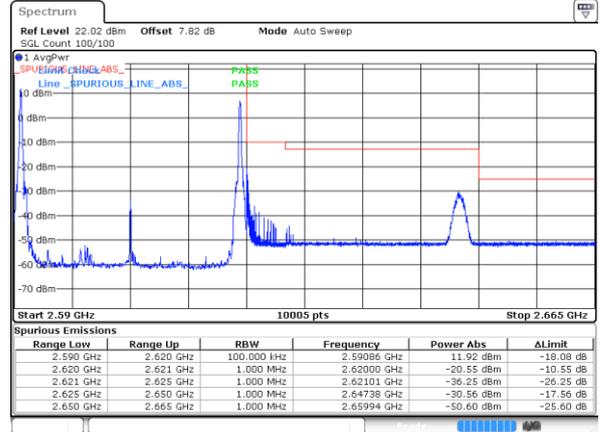
64QAM

Lowest Band Edge / 1RB0 and 1RB74



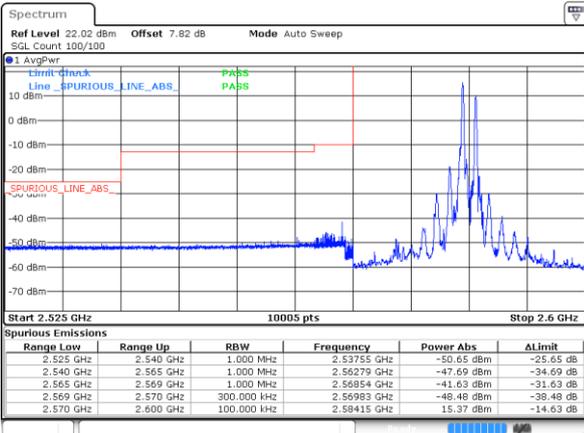
Date: 6 NOV 2020 19:21:07

Highest Band Edge / 1RB0 and 1RB74



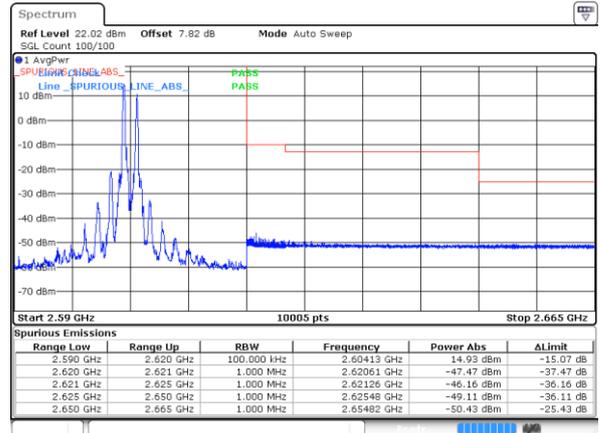
Date: 6 NOV 2020 19:43:57

Lowest Band Edge / 1RB74 and 1RB0



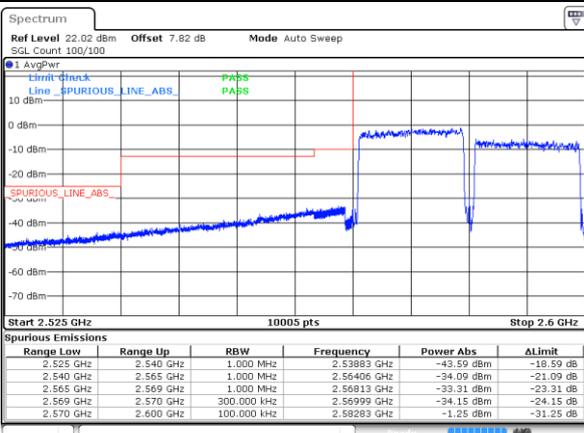
Date: 6 NOV 2020 19:30:28

Highest Band Edge / 1RB74 and 1RB0



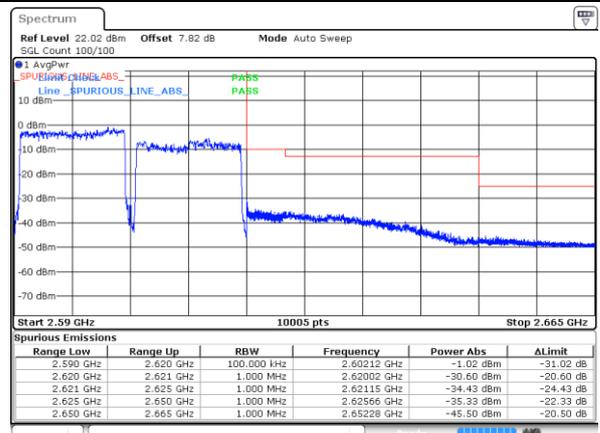
Date: 6 NOV 2020 19:39:49

Lowest Band Edge / Full RB



Date: 6 NOV 2020 19:19:39

Highest Band Edge / Full RB



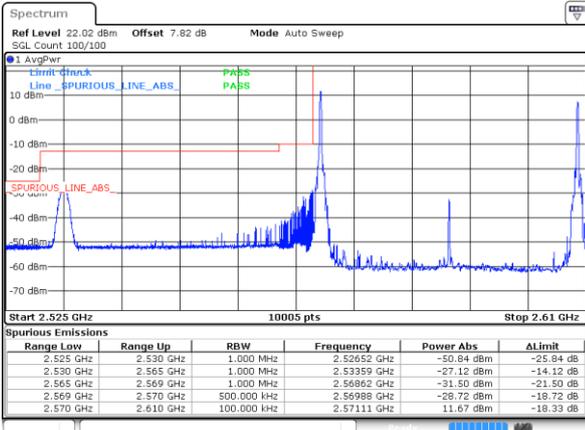
Date: 6 NOV 2020 19:47:15



LTE Band 38C / 20MHz+20MHz

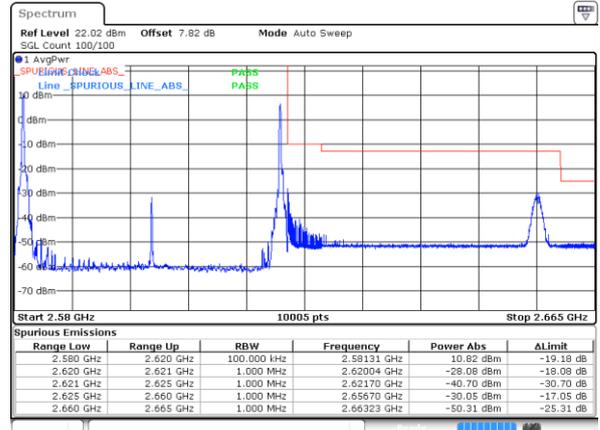
64QAM

Lowest Band Edge / 1RB0 and 1RB9



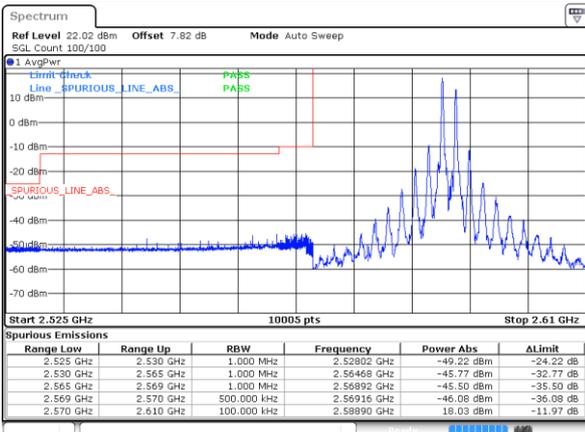
Date: 6 NOV 2020 19:56:24

Highest Band Edge / 1RB0 and 1RB9



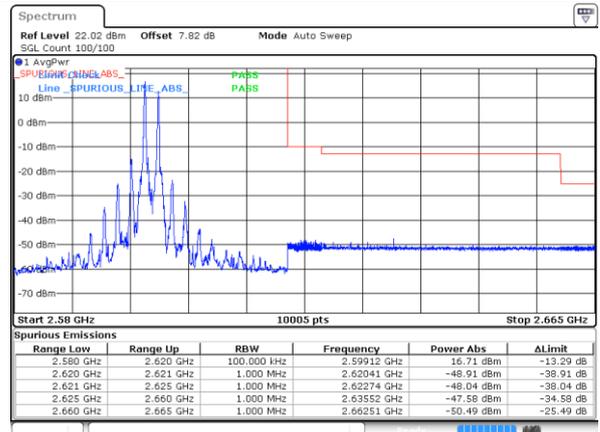
Date: 6 NOV 2020 20:19:11

Lowest Band Edge / 1RB99 and 1RB0



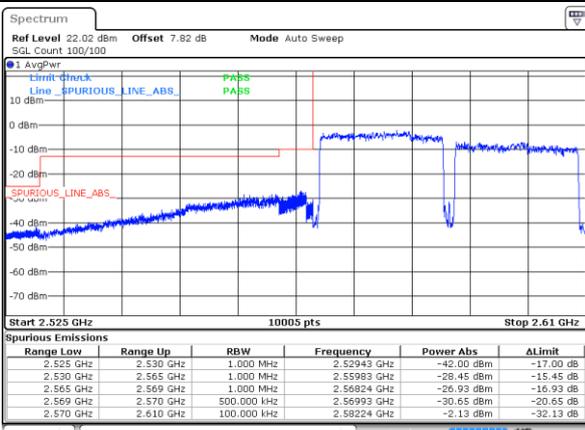
Date: 6 NOV 2020 20:03:24

Highest Band Edge / 1RB99 and 1RB0



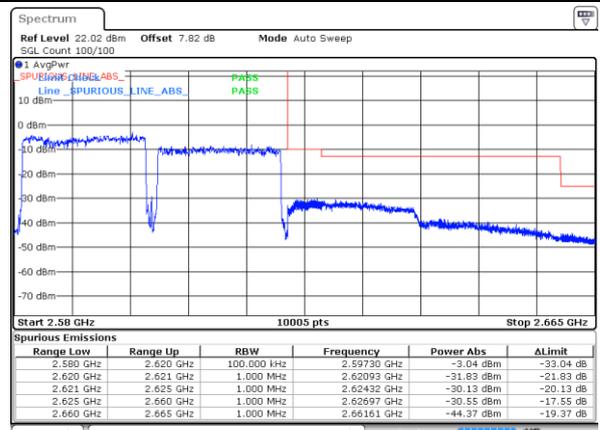
Date: 6 NOV 2020 20:12:23

Lowest Band Edge / Full RB



Date: 6 NOV 2020 19:49:56

Highest Band Edge / Full RB



Date: 6 NOV 2020 20:25:05



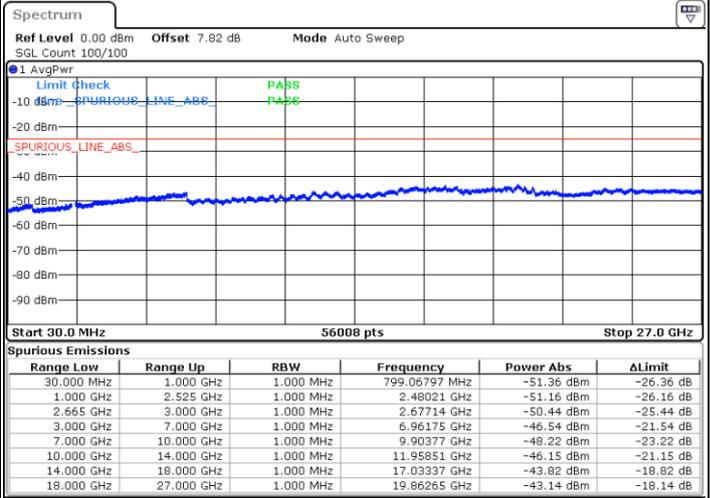
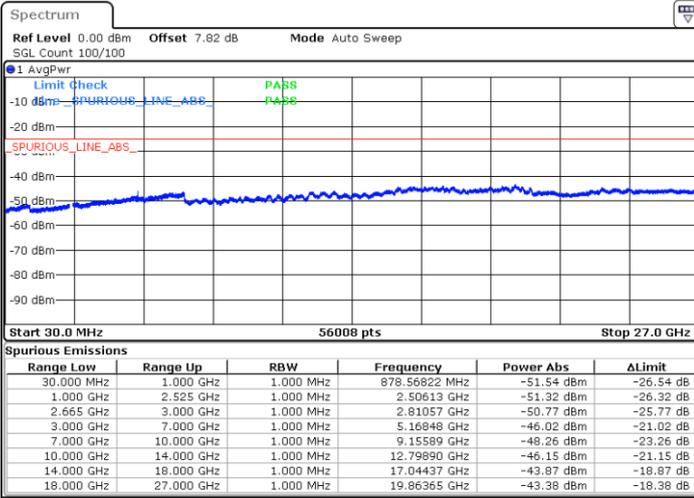
# Conducted Spurious Emission

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

### QPSK

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

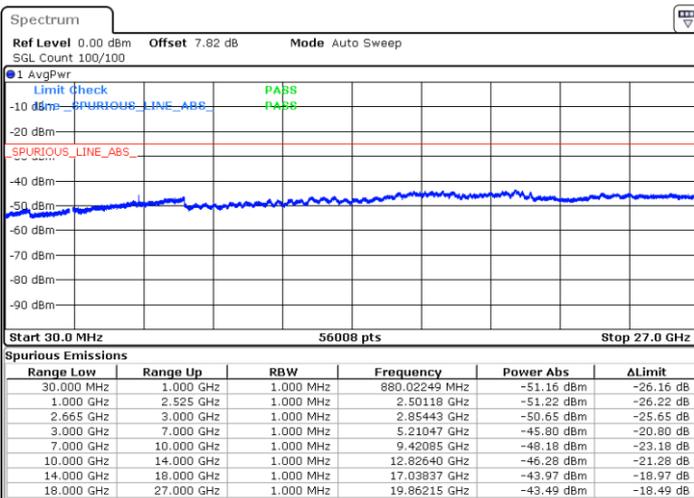
#### Middle Channel / 1RB74 and 1RB0



Date: 6 NOV.2020 19:27:07

Date: 6 NOV.2020 19:35:07

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



Date: 6 NOV.2020 19:37:53

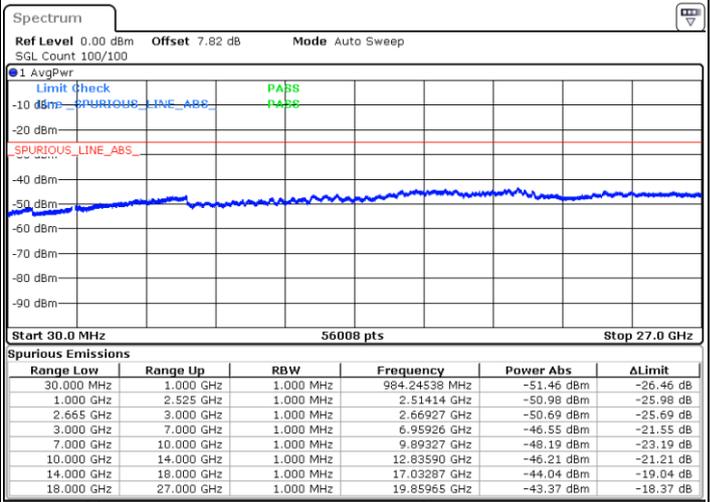
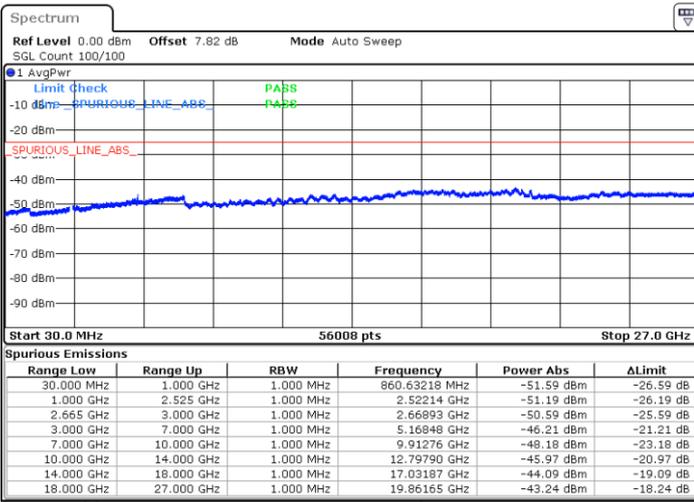


LTE Band 38C / 15MHz+15MHz

16QAM

Lowest Channel / 1RB74 and 1RB0

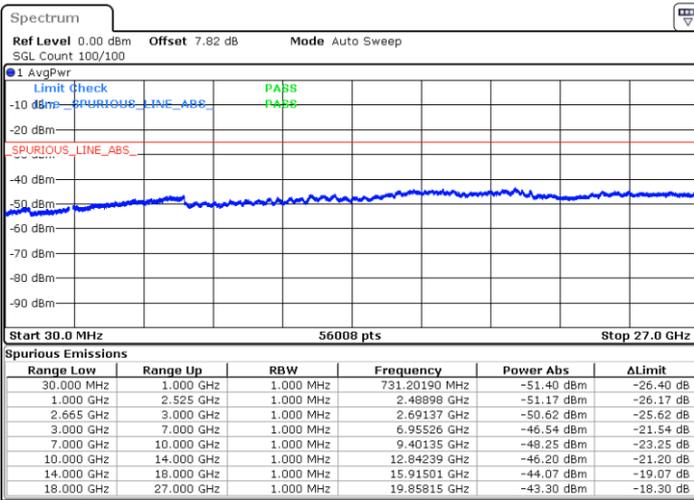
Middle Channel / 1RB74 and 1RB0



Date: 6.NOV.2020 19:29:28

Date: 6.NOV.2020 19:34:15

Highest Channel / 1RB74 and 1RB0



Date: 6.NOV.2020 19:40:37

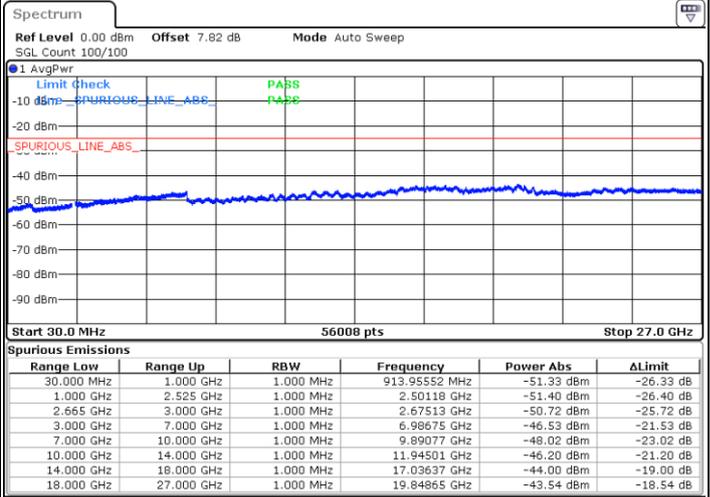
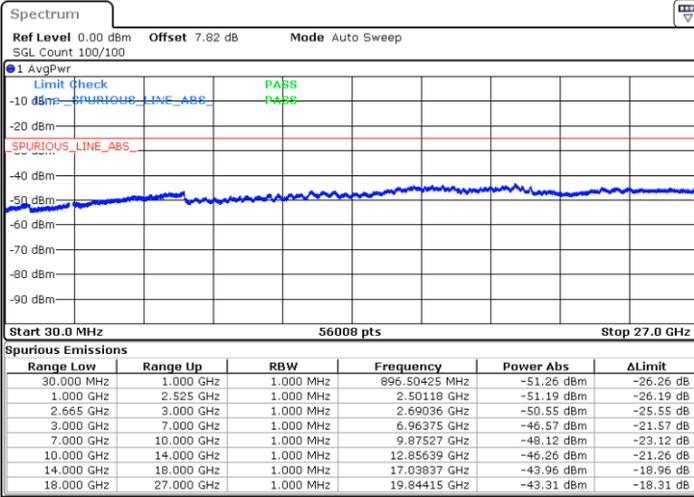


LTE Band 38C / 15MHz+15MHz

64QAM

Lowest Channel / 1RB74 and 1RB0

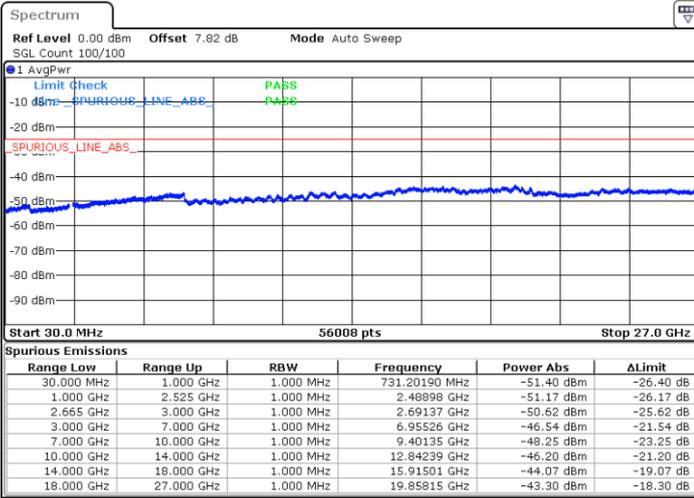
Middle Channel / 1RB74 and 1RB0



Date: 6.NOV.2020 19:31:15

Date: 6.NOV.2020 19:33:19

Highest Channel /1RB74 and 1RB0



Date: 6.NOV.2020 19:40:37

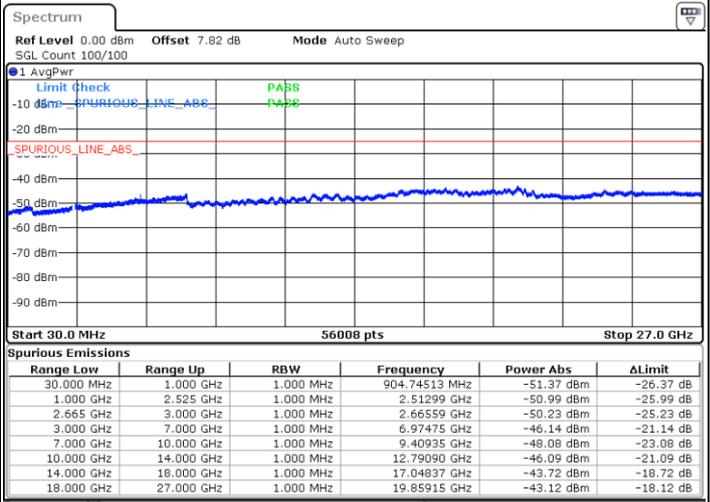
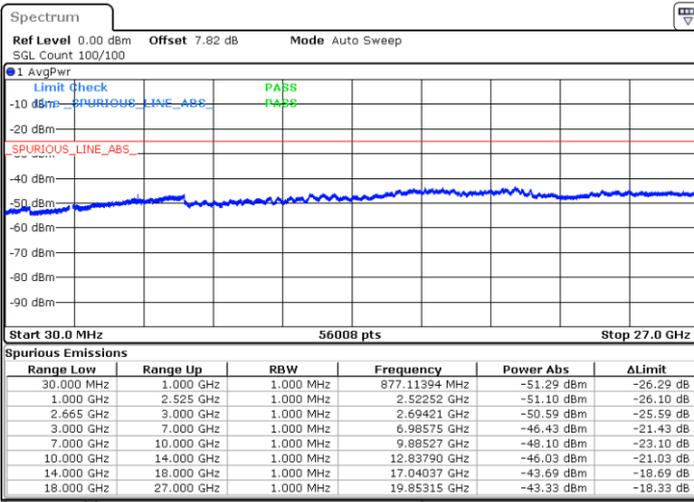


LTE Band 38C / 20MHz+20MHz

QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0

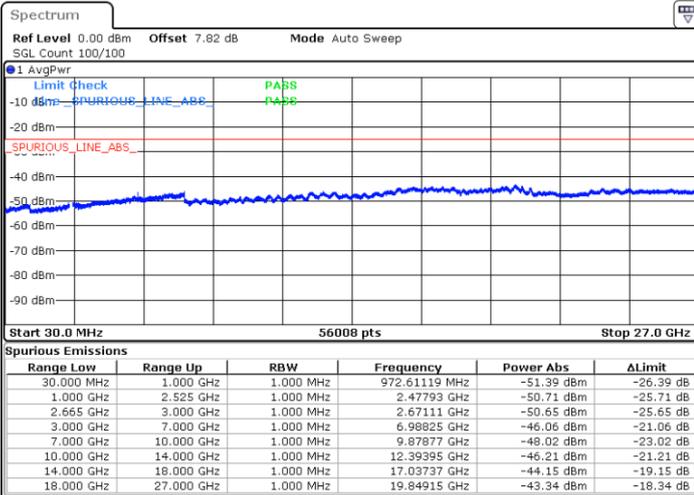


Date: 6 NOV.2020 20:05:26

Date: 6 NOV.2020 20:08:57

Middle Channel / FullIRB

N/A



Date: 6 NOV.2020 20:16:58

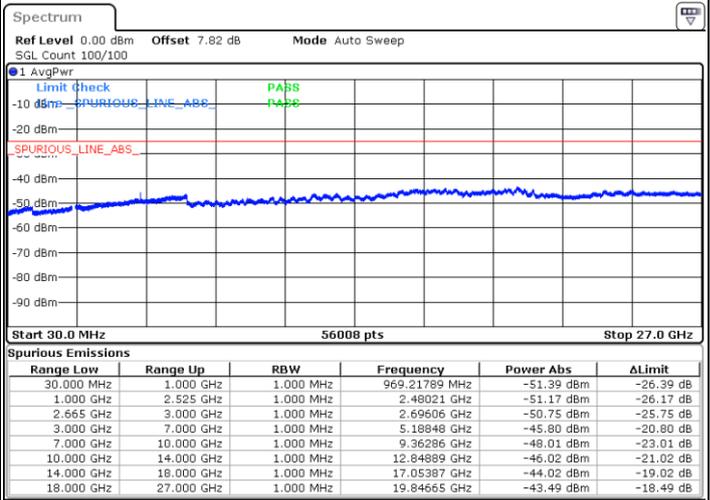
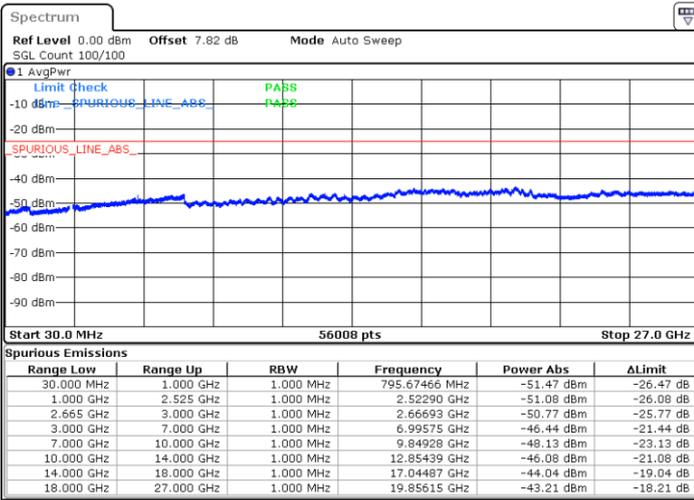


LTE Band 38C / 20MHz+20MHz

16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0

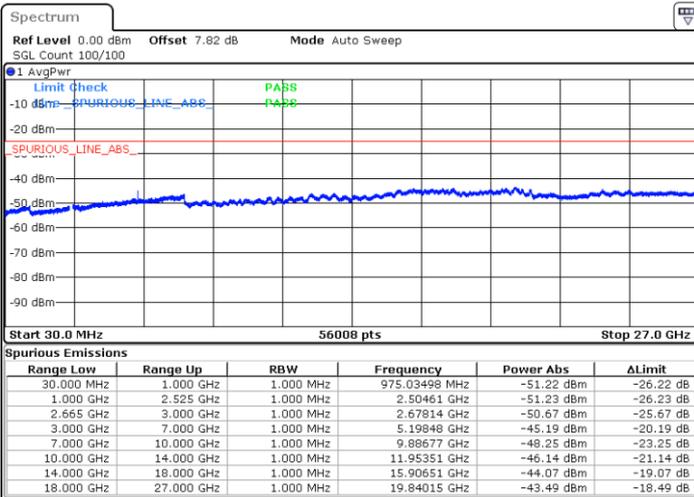


Date: 6.NOV.2020 20:06:37

Date: 6.NOV.2020 20:10:13

Highest Channel / FullIRB

N/A



Date: 6.NOV.2020 20:15:38

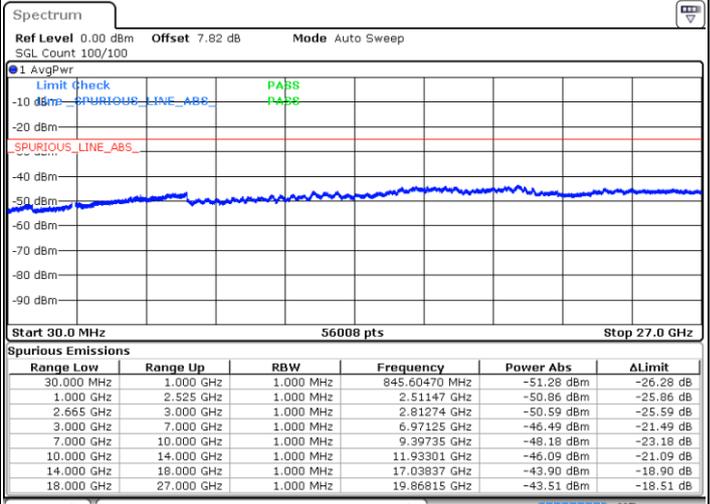
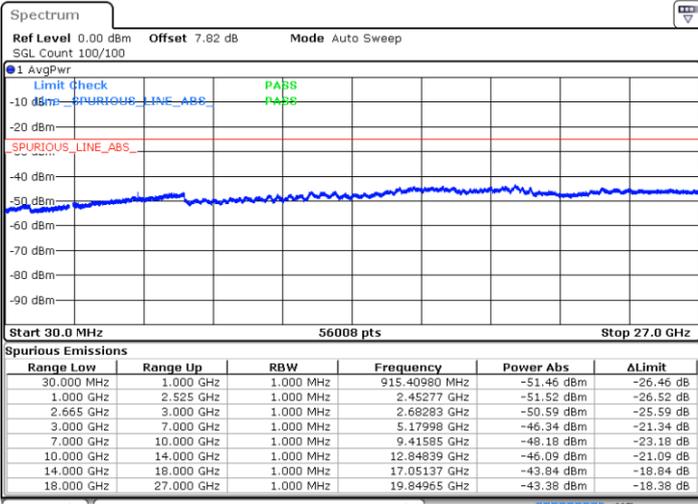


LTE Band 38C /20MHz+20MHz

64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

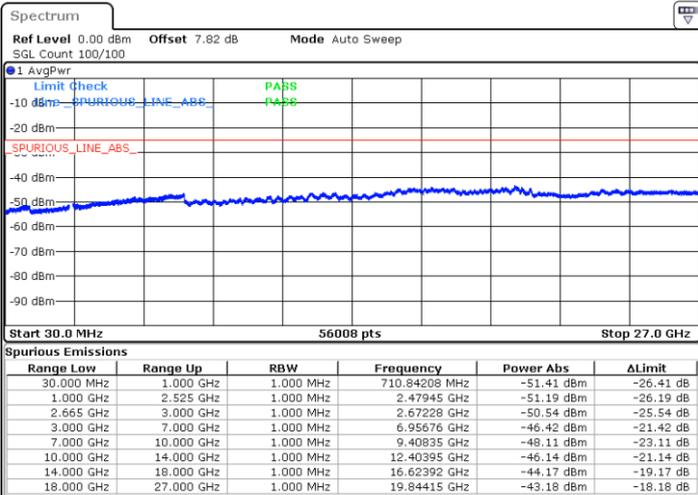


Date: 6.NOV.2020 20:04:13

Date: 6.NOV.2020 20:11:26

Lowest Channel / FullIRB

N/A



Date: 6.NOV.2020 20:14:02



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

LTE Band 7 / 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	5052	-57.55	-25	-32.55	-67.76	3.03	13.24	H
	7578.27	-63.09	-25	-38.09	-72.54	3.56	13.01	H
	10104.36	-60.24	-25	-35.24	-69.76	3.92	13.44	H
	5052	-54.58	-25	-29.58	-64.79	3.03	13.24	V
	7580	-59.54	-25	-34.54	-68.99	3.56	13.01	V
	10100	-60.39	-25	-35.39	-69.91	3.92	13.44	V

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

LTE Band 41 / 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	5168	-63.04	-25	-38.04	-73.25	3.03	13.24	H
	7752	-57.69	-25	-32.69	-67.14	3.56	13.01	H
	10340	-59.47	-25	-34.47	-68.99	3.92	13.44	H
	5168	-63.02	-25	-38.02	-73.23	3.03	13.24	V
	7752	-59.09	-25	-34.09	-68.54	3.56	13.01	V
	10340	-59.88	-25	-34.88	-69.40	3.92	13.44	V

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



LTE Band 7C_CA / 20+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	5032	-61.56	-25	-36.56	-71.77	3.03	13.24	H
	7548	-61.34	-25	-36.34	-70.79	3.56	13.01	H
	10060	-60.37	-25	-35.37	-69.89	3.92	13.44	H
	5032	-61.77	-25	-36.77	-71.98	3.03	13.24	V
	7548	-61.24	-25	-36.24	-70.69	3.56	13.01	V
	10060	-59.93	-25	-34.93	-69.45	3.92	13.44	V

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

LTE Band 38C_CA / 20+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	5152	-61.40	-25	-36.40	-71.61	3.03	13.24	H
	7728	-60.80	-25	-35.80	-70.25	3.56	13.01	H
	10300	-58.30	-25	-33.30	-67.82	3.92	13.44	H
	5152	-61.78	-25	-36.78	-71.99	3.03	13.24	V
	7728	-60.96	-25	-35.96	-70.41	3.56	13.01	V
	10300	-58.46	-25	-33.46	-67.98	3.92	13.44	V

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