

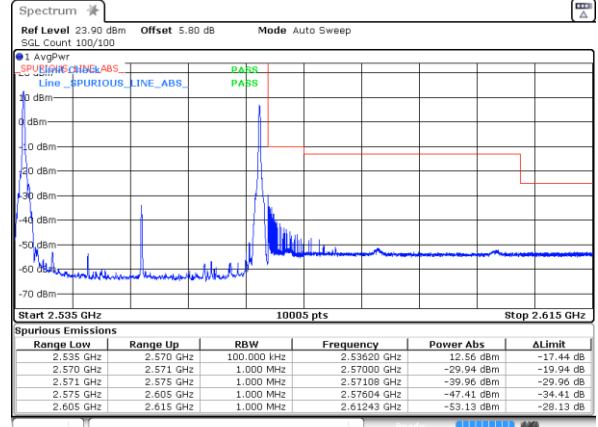
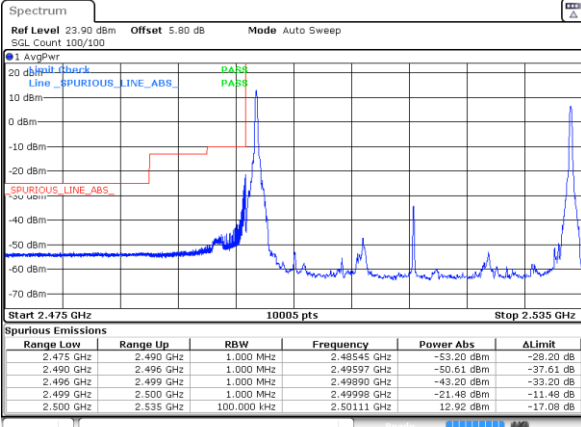


LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

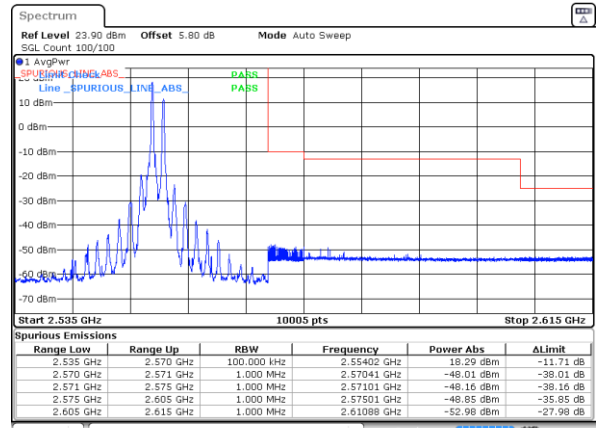
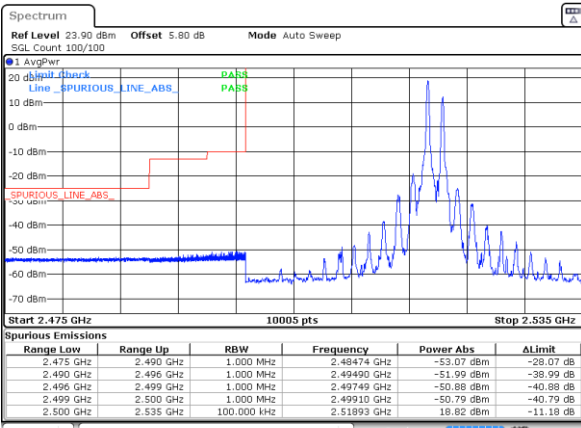


Date: 18 DEC 2020 23:42:09

Date: 18 DEC 2020 23:48:18

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

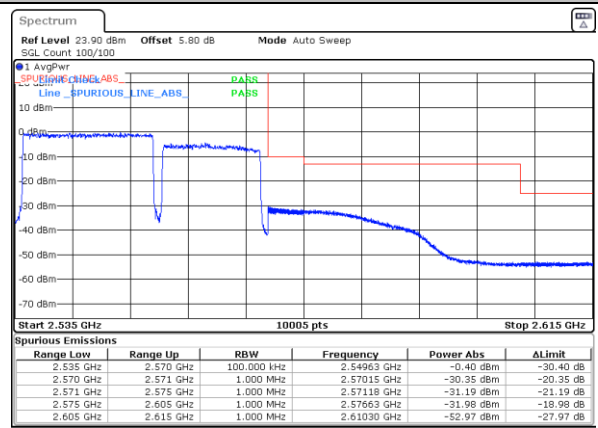
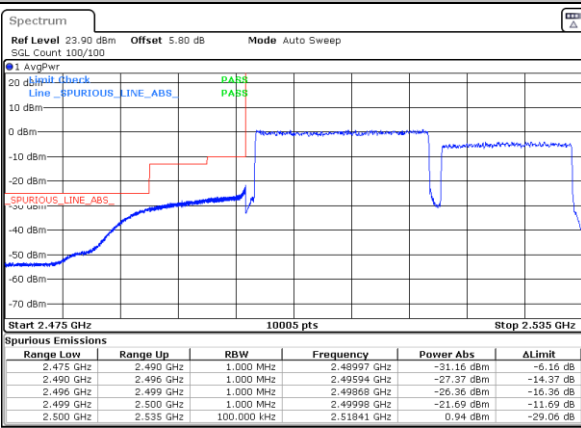


Date: 18 DEC 2020 23:44:12

Date: 18 DEC 2020 23:48:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18 DEC 2020 23:42:30

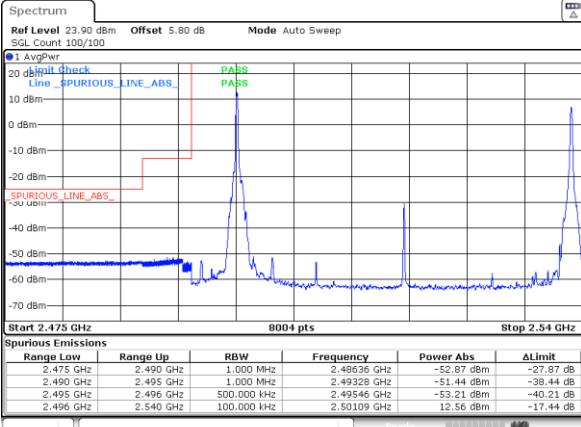
Date: 18 DEC 2020 23:50:55



LTE Band 7C / 20MHz+20MHz

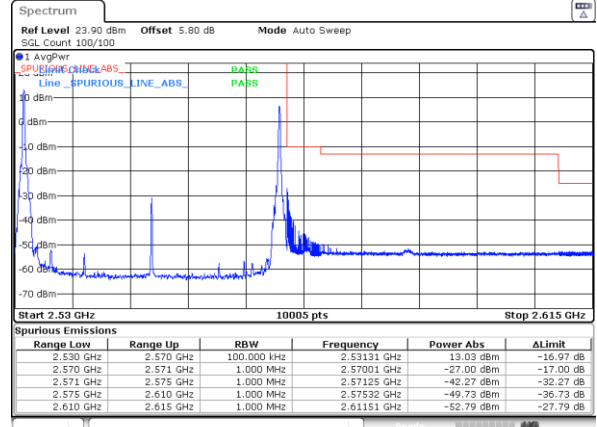
64QAM

Lowest Band Edge / 1RB0 and 1RB9



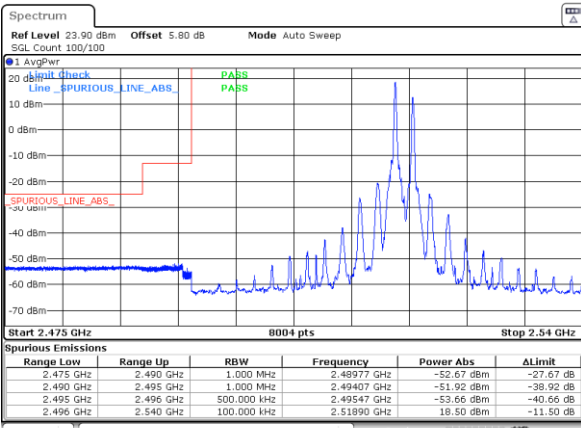
Date: 10, DEC, 2020 13:41:40

Highest Band Edge / 1RB0 and 1RB9



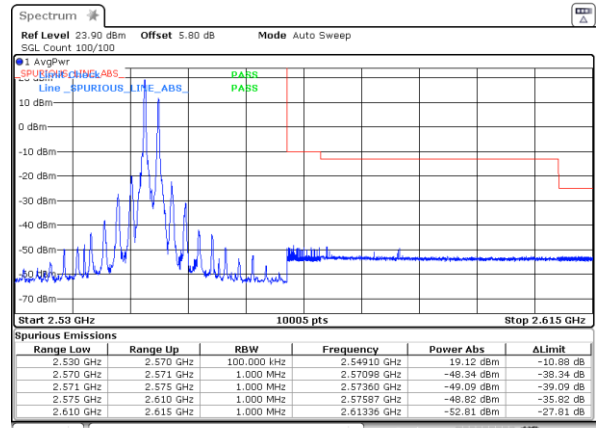
Date: 10, DEC, 2020 13:54:41

Lowest Band Edge / 1RB99 and 1RB0



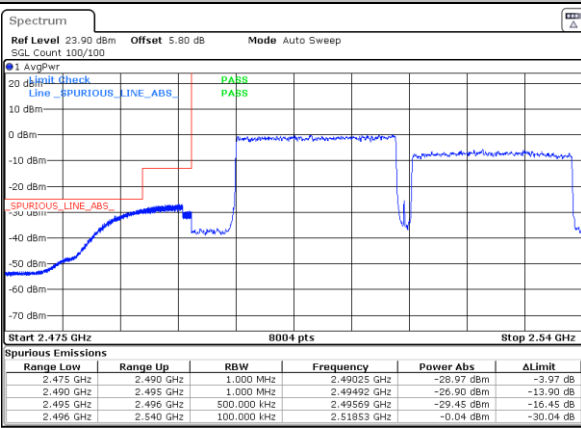
Date: 10, DEC, 2020 13:44:40

Highest Band Edge / 1RB99 and 1RB0



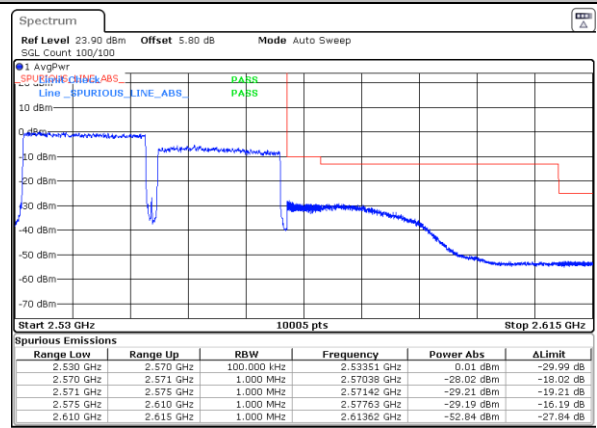
Date: 10, DEC, 2020 13:57:59

Lowest Band Edge / Full RB



Date: 10, DEC, 2020 13:41:05

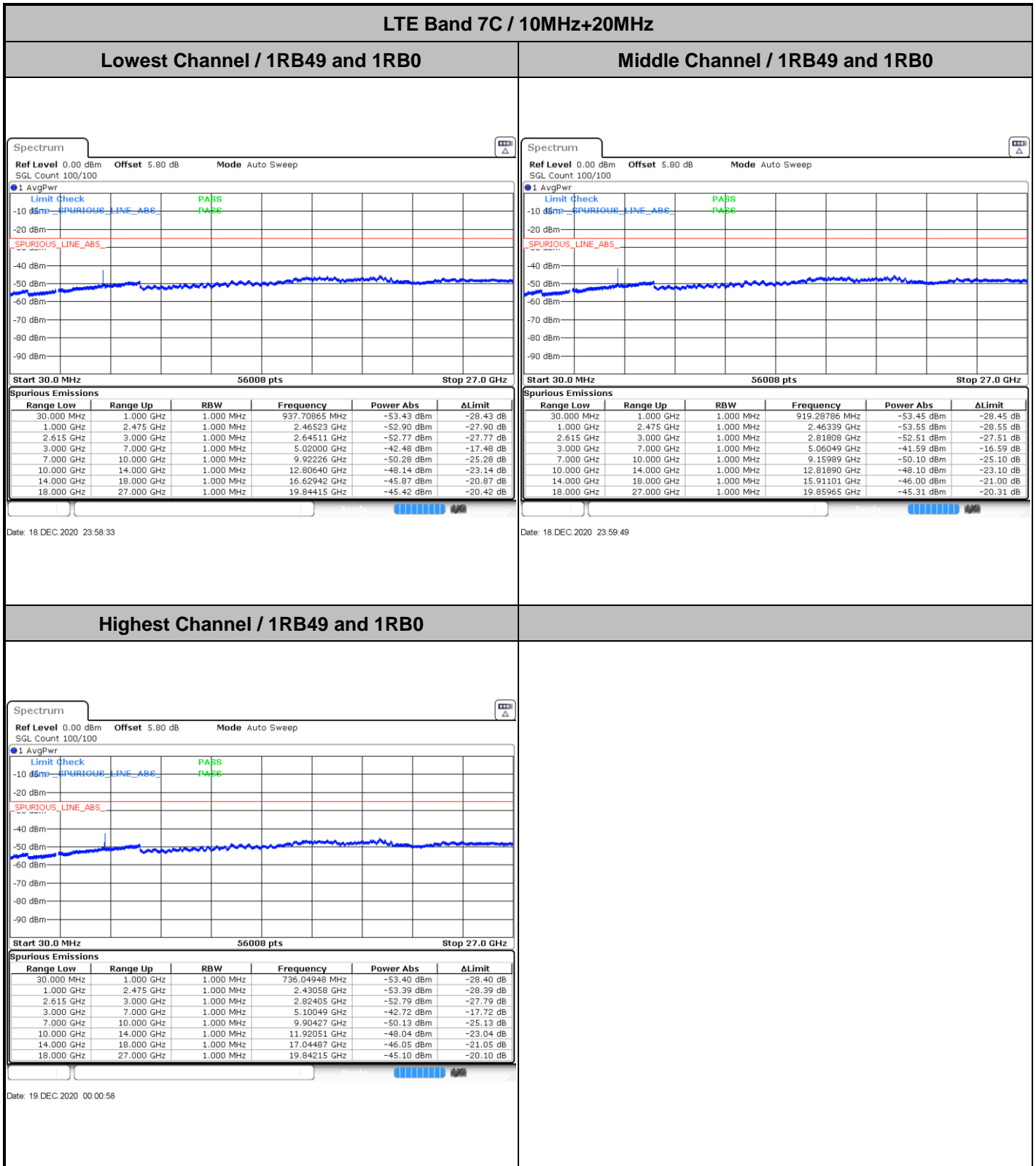
Highest Band Edge / Full RB



Date: 10, DEC, 2020 13:53:33



Conducted Spurious Emission

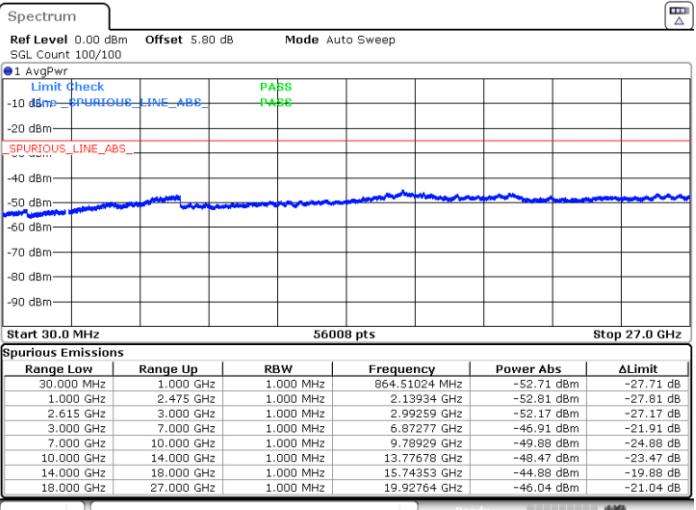
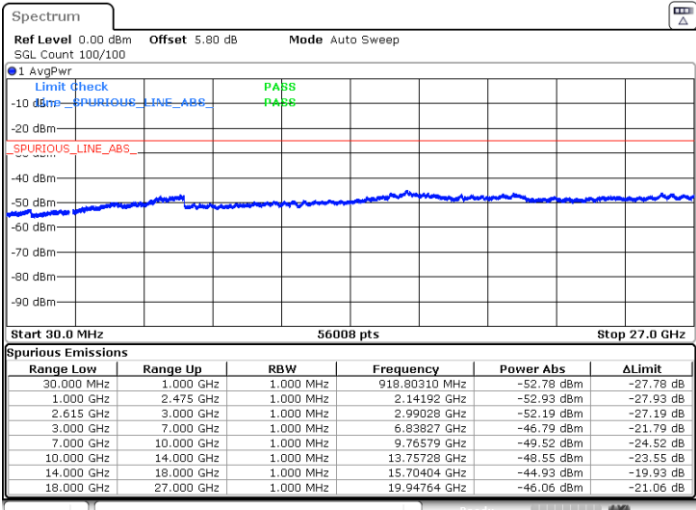




LTE Band 7C / 15MHz+15MHz

Lowest Channel / 1RB74 and 1RB0

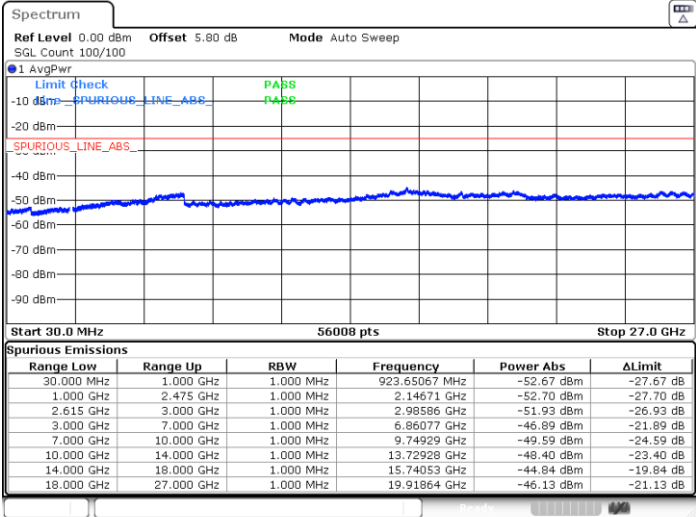
Middle Channel / 1RB74 and 1RB0



Date: 10.DEC.2020 12:50:04

Date: 10.DEC.2020 13:12:42

Highest Channel / 1RB74 and 1RB0



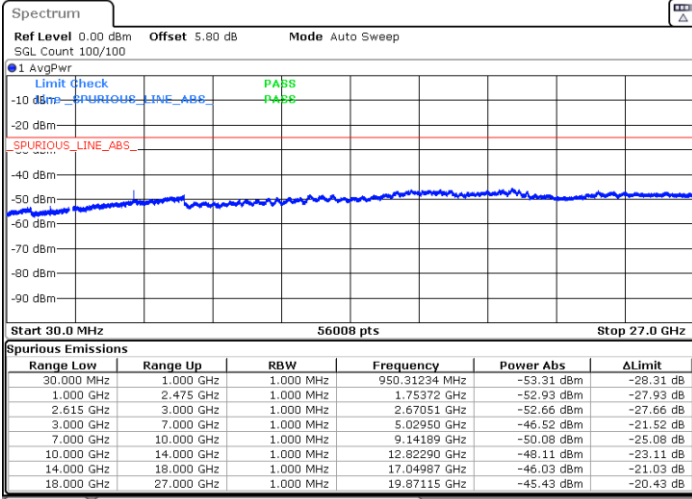
Date: 10.DEC.2020 13:18:40



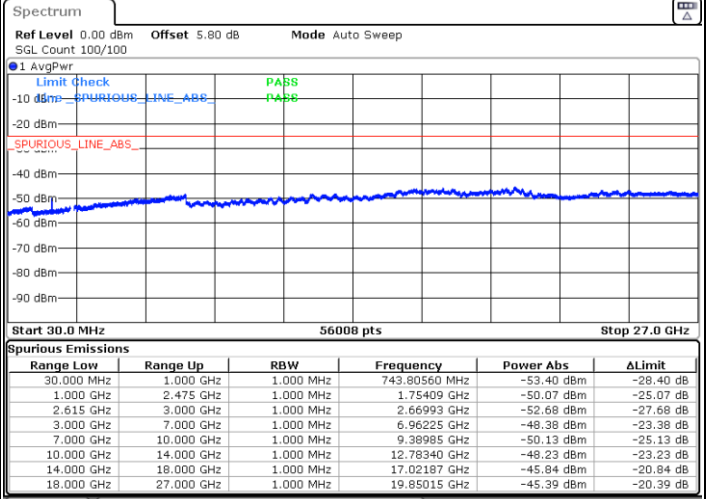
LTE Band 7C / 15MHz+20MHz

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

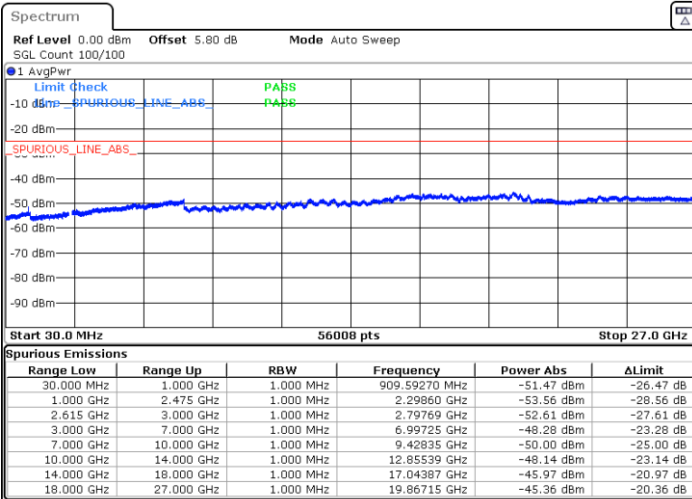


Date: 18 DEC 2020 23:20:30



Date: 18 DEC 2020 23:24:49

Highest Channel / 1RB74 and 1RB0

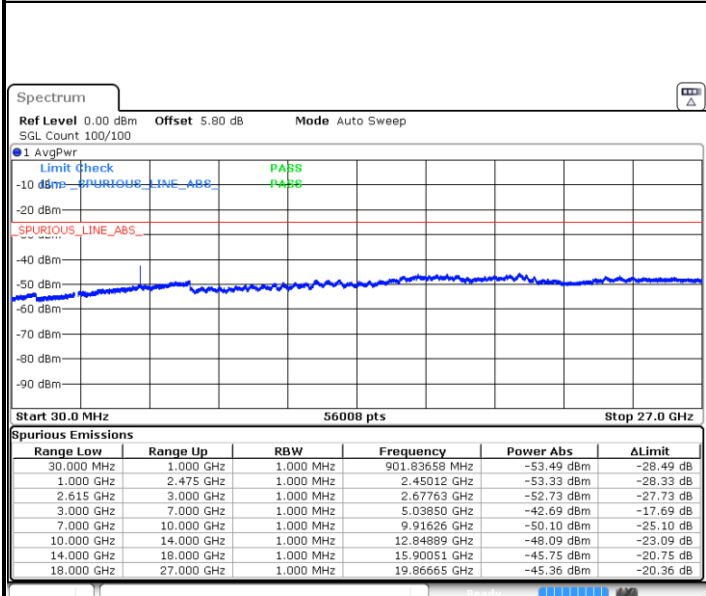


Date: 18 DEC 2020 23:26:14



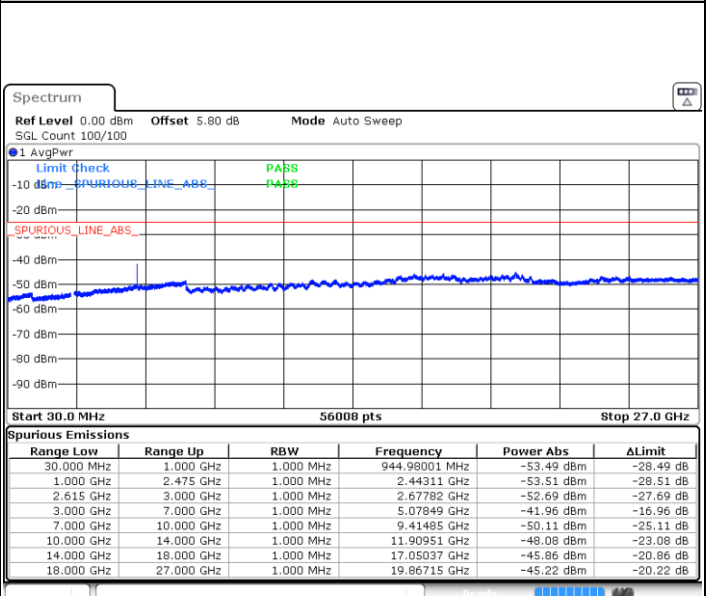
LTE Band 7C / 20MHz+10MHz

Lowest Channel / 1RB99 and 1RB0



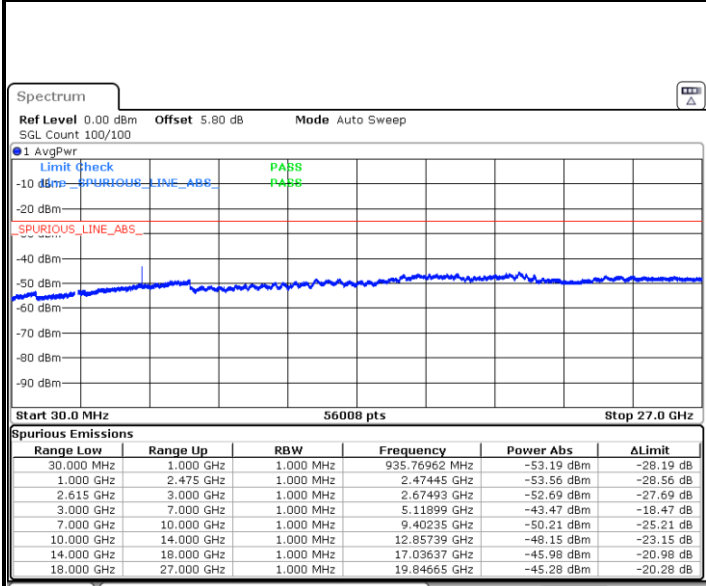
Date: 19.DEC.2020 00:09:52

Middle Channel / 1RB99 and 1RB0



Date: 19.DEC.2020 00:11:02

Highest Channel / 1RB99 and 1RB0



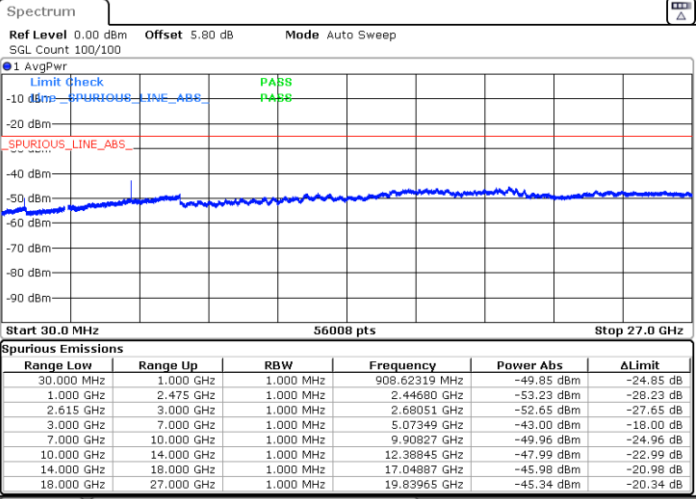
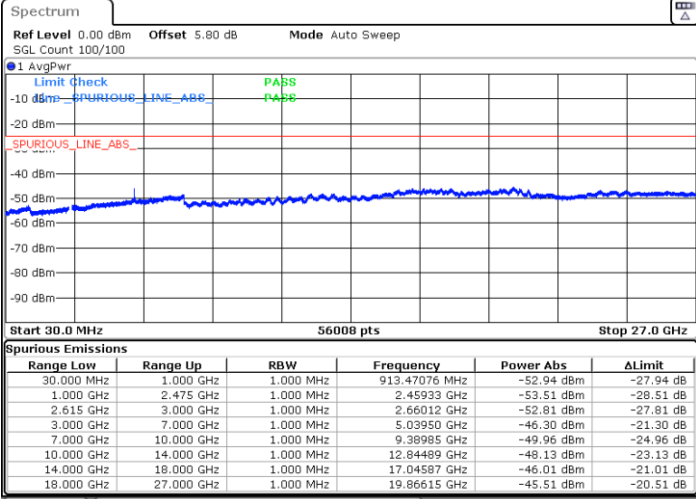
Date: 19.DEC.2020 00:12:19



LTE Band 7C / 20MHz+15MHz

Lowest Channel / 1RB99 and 1RB0

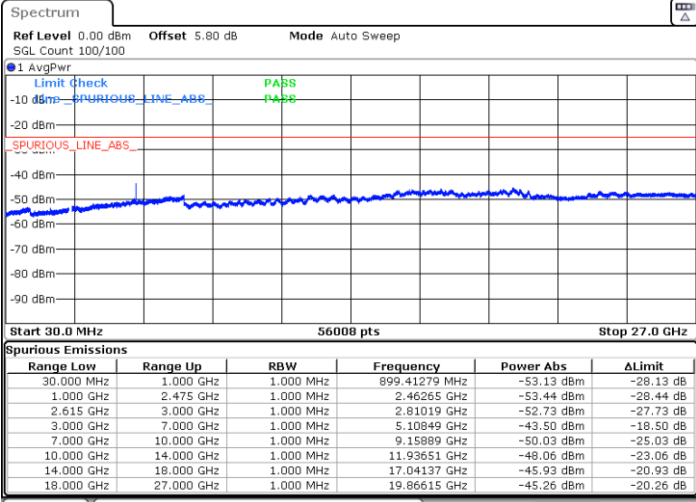
Middle Channel / 1RB99 and 1RB0



Date: 18.DEC.2020 23:45:01

Date: 18.DEC.2020 23:46:46

Highest Channel / 1RB99 and 1RB0



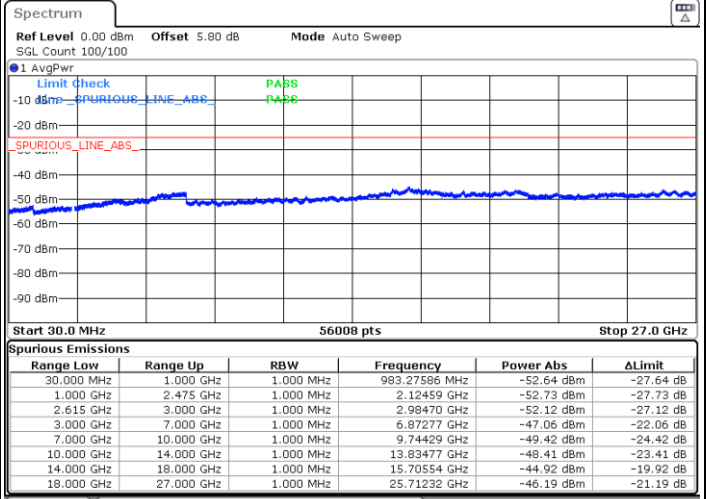
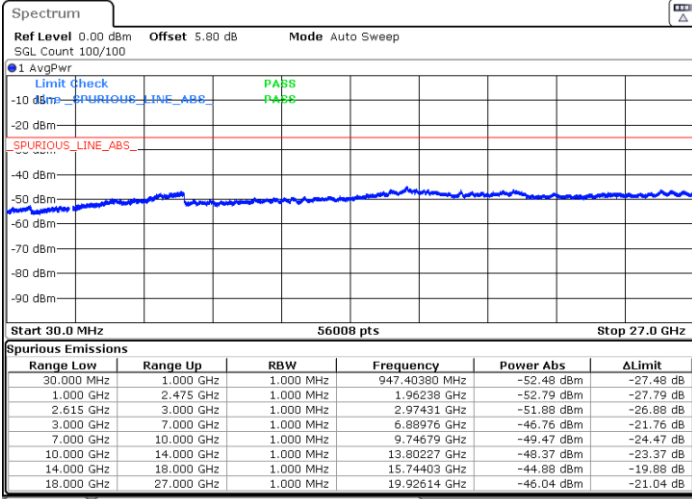
Date: 18.DEC.2020 23:47:57



LTE Band 7C / 20MHz+20MHz

Lowest Channel / 1RB99 and 1RB0

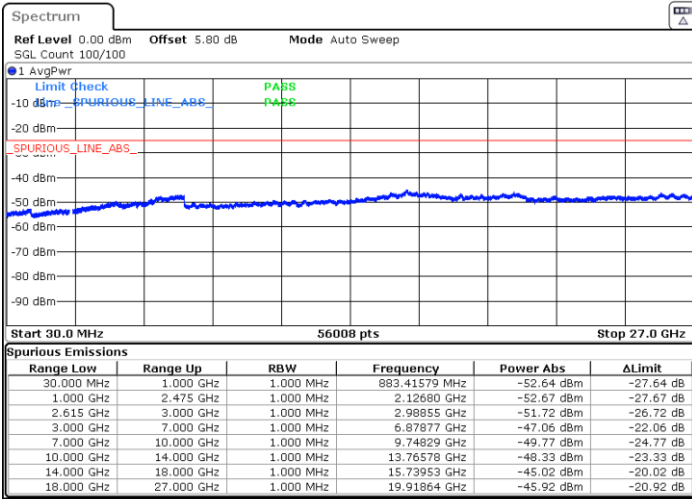
Middle Channel / 1RB99 and 1RB0



Date: 10.DEC.2020 13:38:59

Date: 10.DEC.2020 13:48:34

Highest Channel / 1RB99 and 1RB0



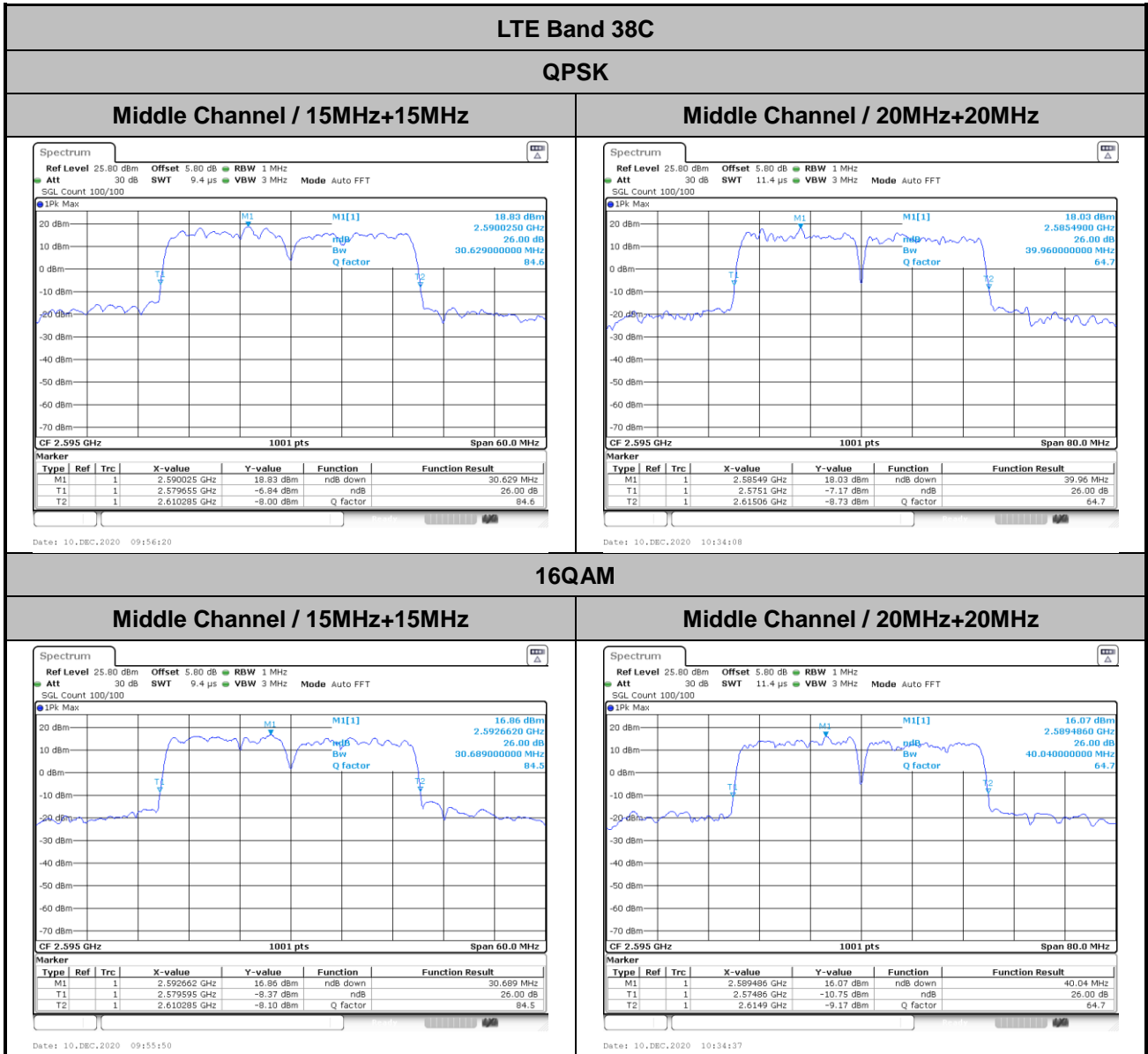
Date: 10.DEC.2020 13:50:54



LTE Band 38C

26dB Bandwidth

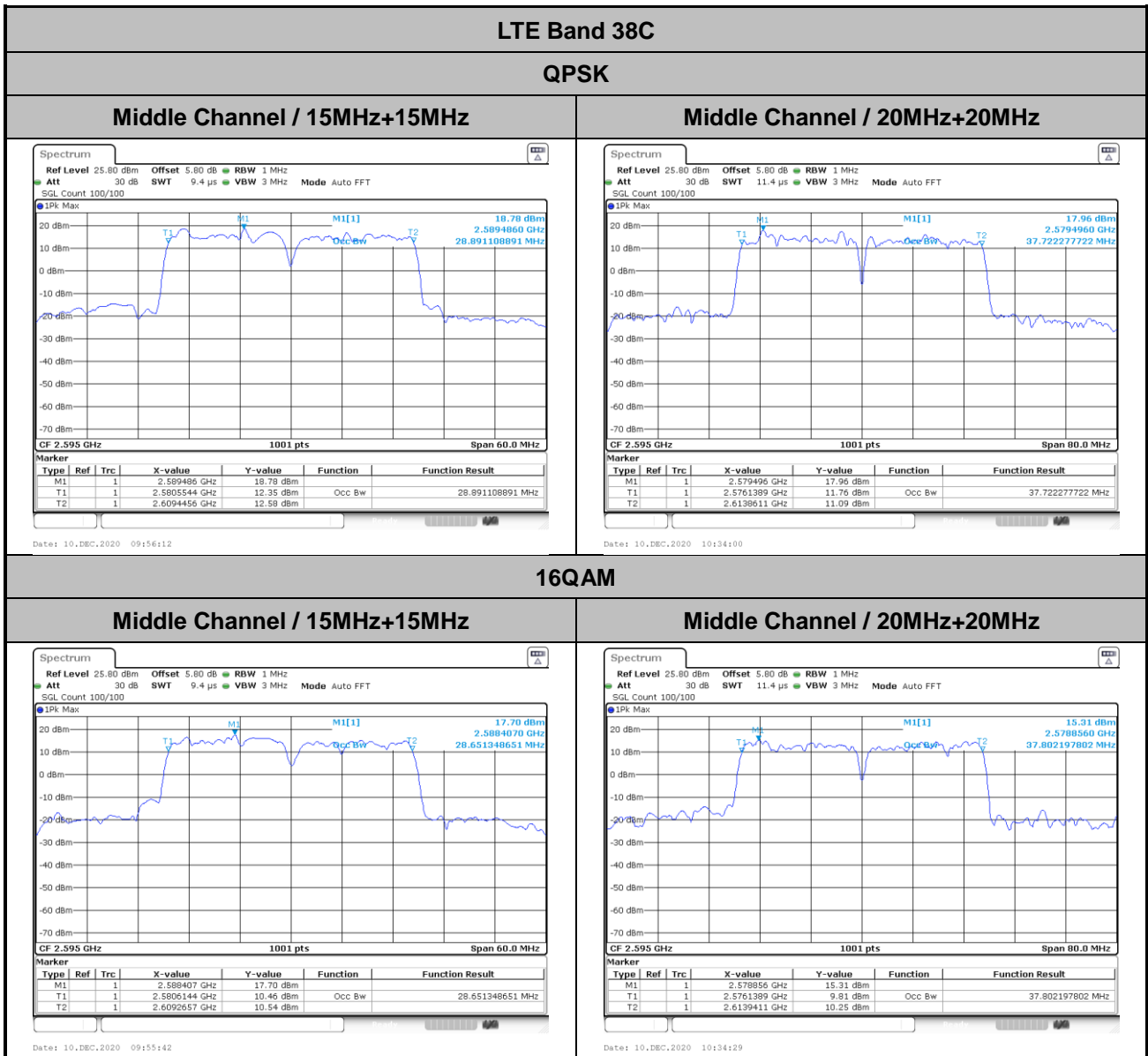
Mode	LTE Band 38C : 26dB BW(MHz)	
	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.63	30.69
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.96	40.04





Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.89	28.65
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.80





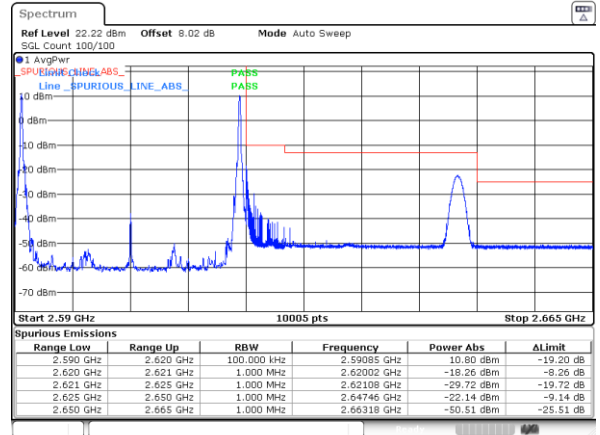
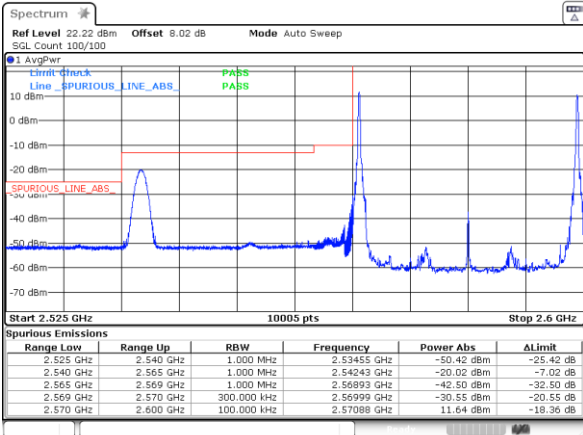
Conducted Band Edge

LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

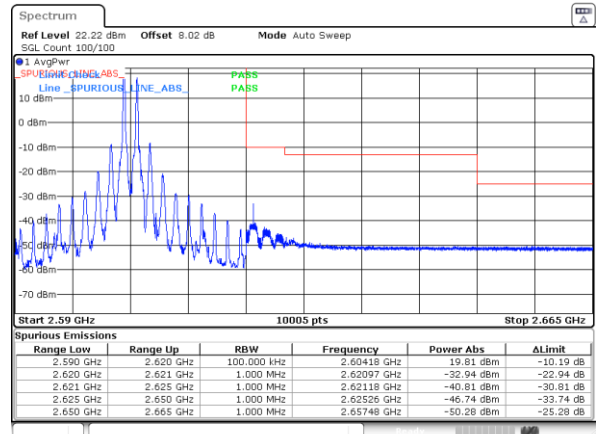
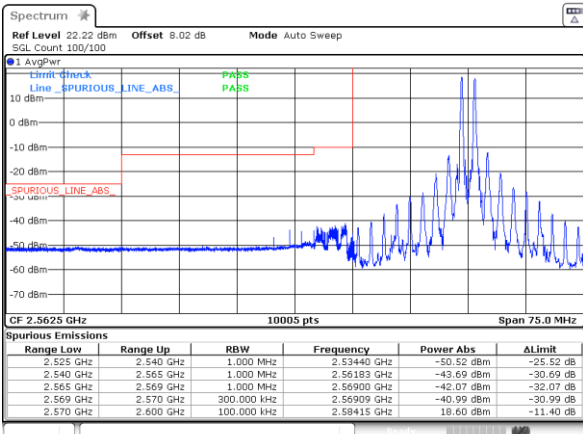


Date: 10, DEC, 2020 10:28:24

Date: 10, DEC, 2020 10:19:03

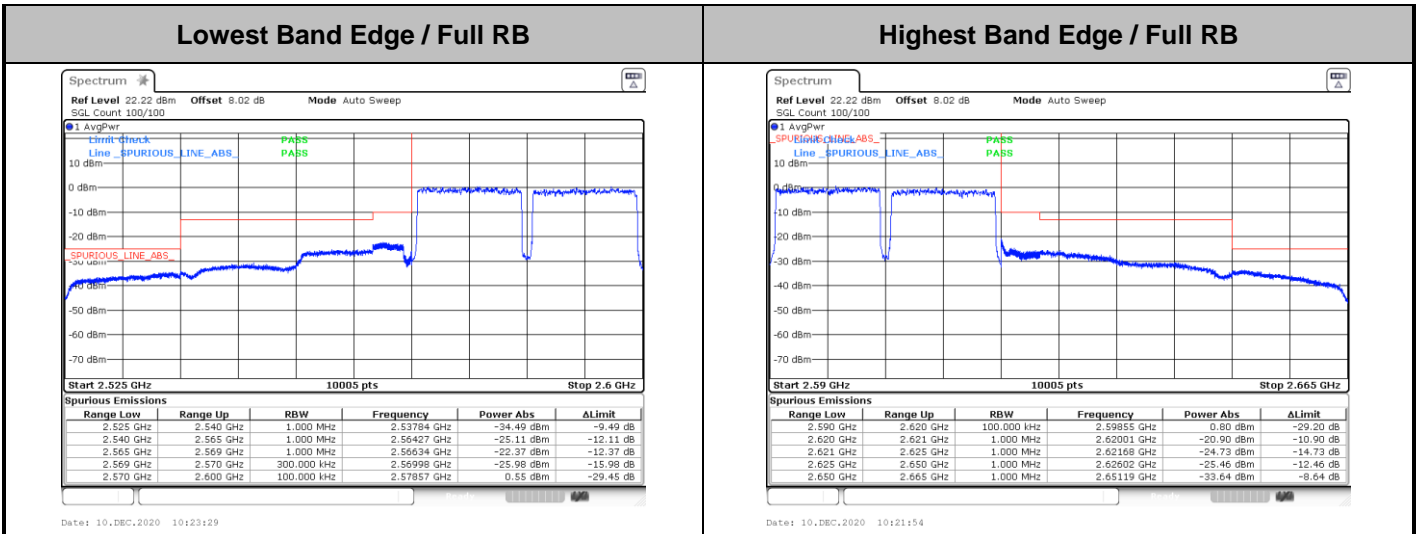
Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0



Date: 10, DEC, 2020 10:29:16

Date: 10, DEC, 2020 10:19:40

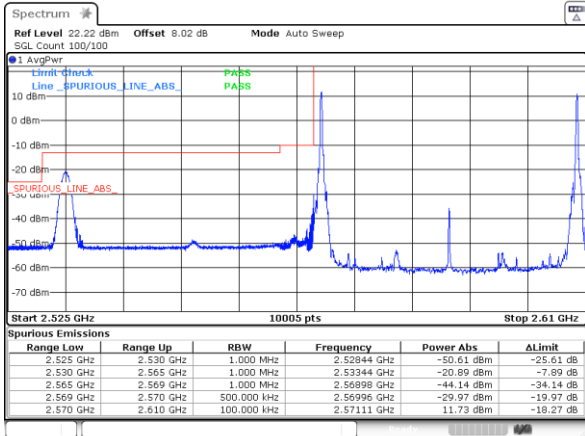




LTE Band 38C / 20MHz+20MHz

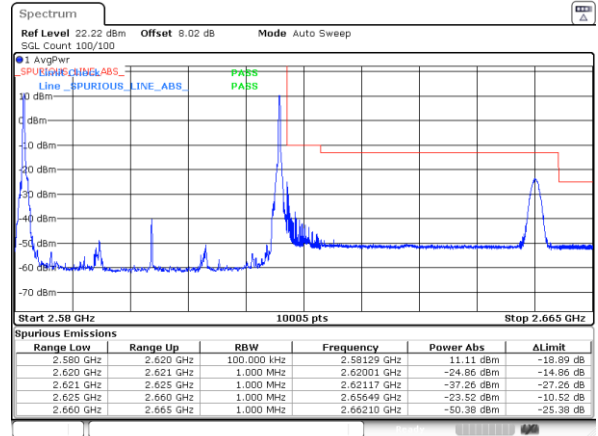
QPSK

Lowest Band Edge / 1RB0 and 1RB9



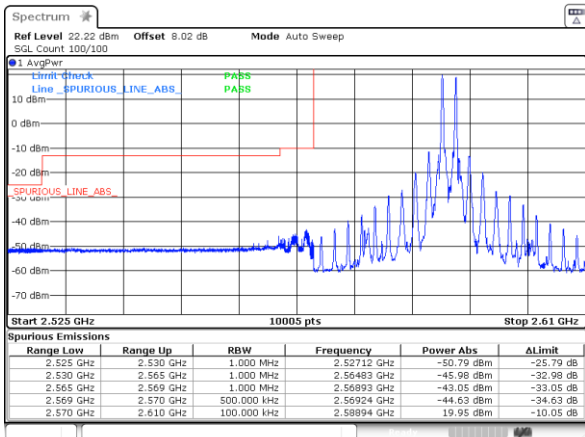
Date: 10, DEC, 2020 10:44:02

Highest Band Edge / 1RB0 and 1RB9



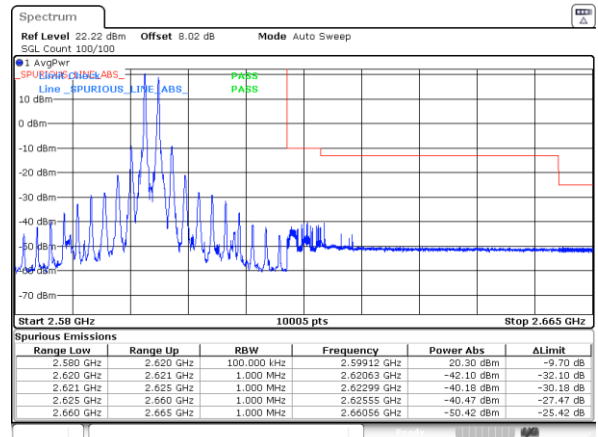
Date: 10, DEC, 2020 10:53:45

Lowest Band Edge / 1RB99 and 1RB0



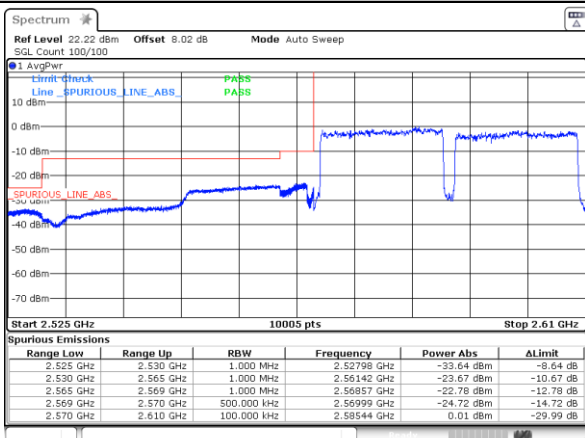
Date: 10, DEC, 2020 10:48:06

Highest Band Edge / 1RB99 and 1RB0



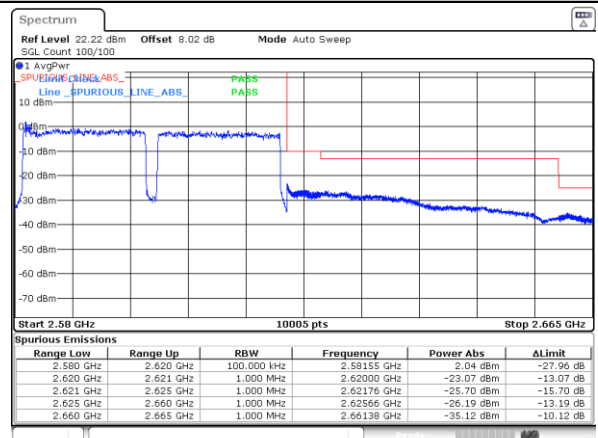
Date: 10, DEC, 2020 10:58:38

Lowest Band Edge / Full RB



Date: 10, DEC, 2020 10:48:59

Highest Band Edge / Full RB



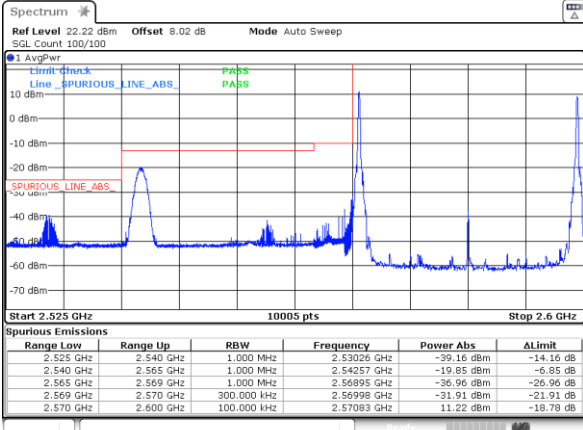
Date: 10, DEC, 2020 10:52:53



LTE Band 38C / 15MHz+15MHz

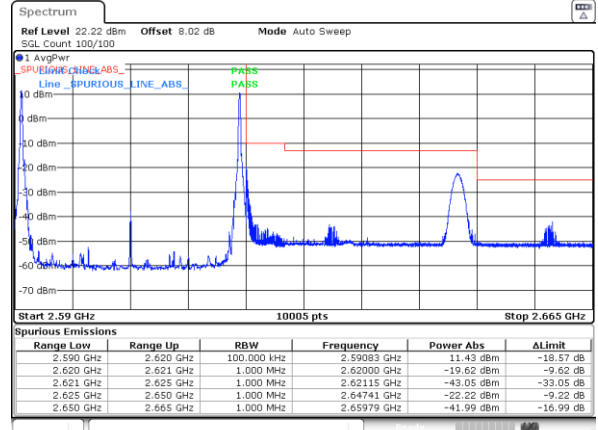
16QAM

Lowest Band Edge / 1RB0 and 1RB74



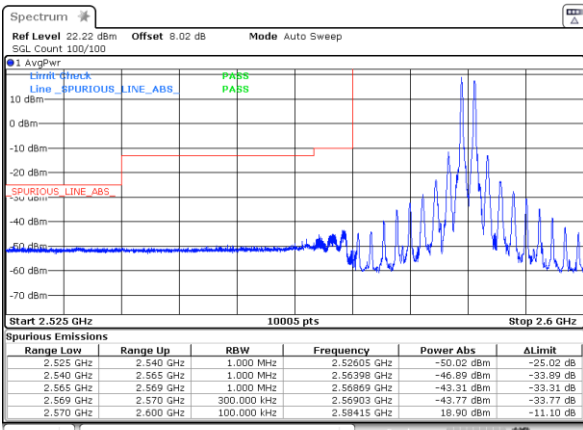
Date: 10. DEC. 2020 10:27:30

Highest Band Edge / 1RB0 and 1RB74



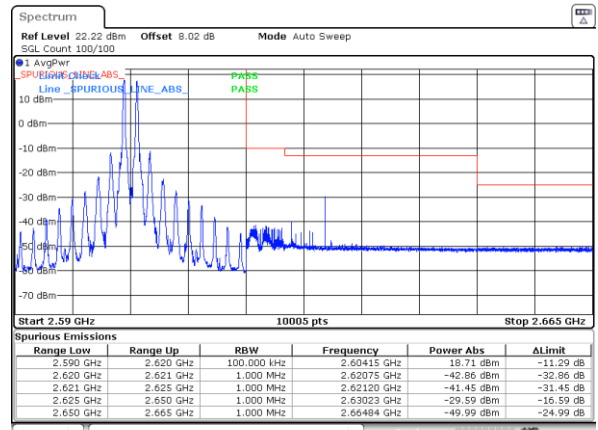
Date: 10. DEC. 2020 10:18:37

Lowest Band Edge / 1RB74 and 1RB0



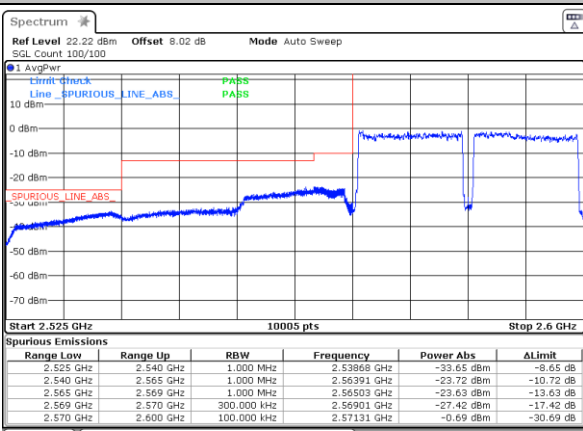
Date: 10. DEC. 2020 10:30:01

Highest Band Edge / 1RB74 and 1RB0



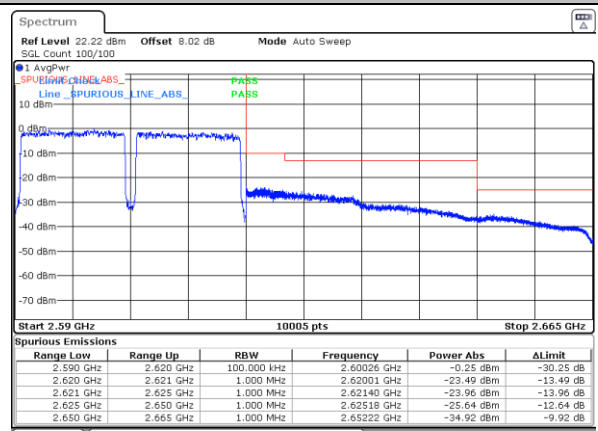
Date: 10. DEC. 2020 10:20:07

Lowest Band Edge / Full RB



Date: 10. DEC. 2020 10:24:39

Highest Band Edge / Full RB



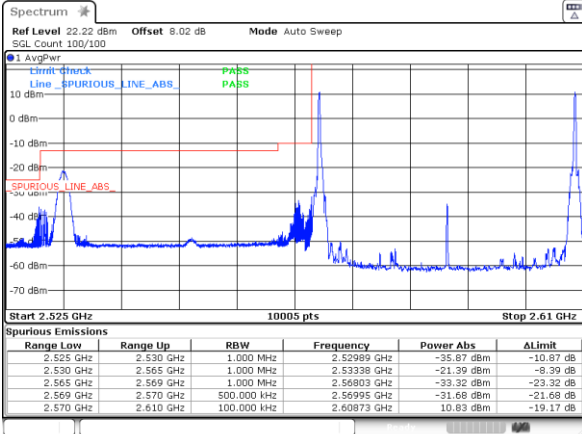
Date: 10. DEC. 2020 10:21:27



LTE Band 38C / 20MHz+20MHz

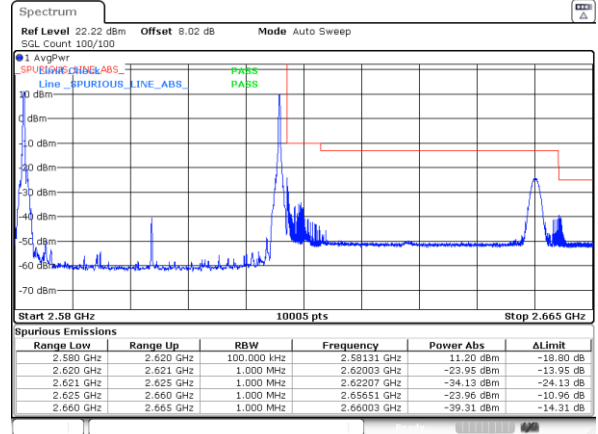
16QAM

Lowest Band Edge / 1RB0 and 1RB9



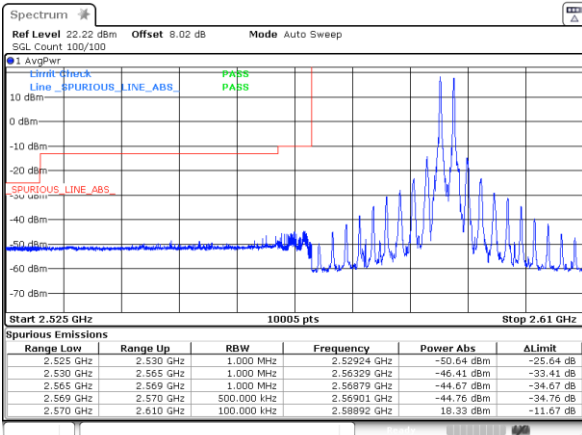
Date: 10, DEC, 2020 10:44:59

Highest Band Edge / 1RB0 and 1RB9



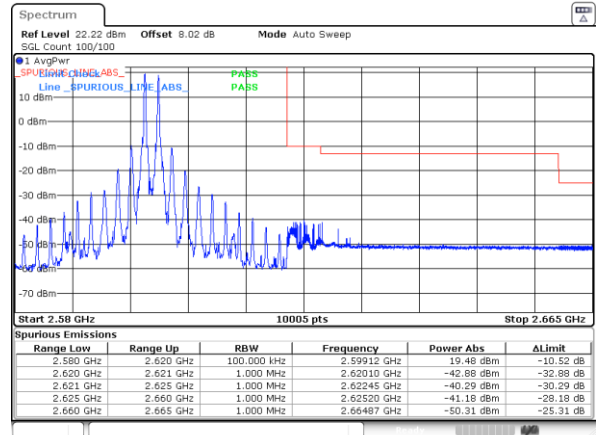
Date: 10, DEC, 2020 10:54:10

Lowest Band Edge / 1RB99 and 1RB0



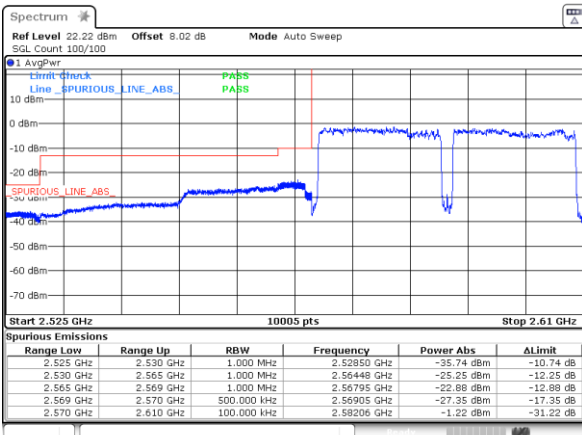
Date: 10, DEC, 2020 10:47:33

Highest Band Edge / 1RB99 and 1RB0



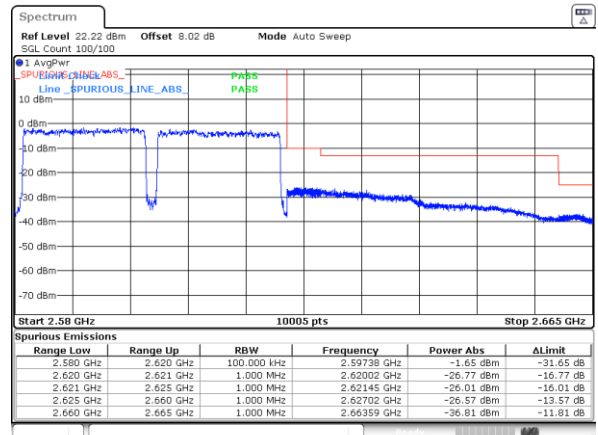
Date: 10, DEC, 2020 10:56:22

Lowest Band Edge / Full RB



Date: 10, DEC, 2020 10:50:19

Highest Band Edge / Full RB



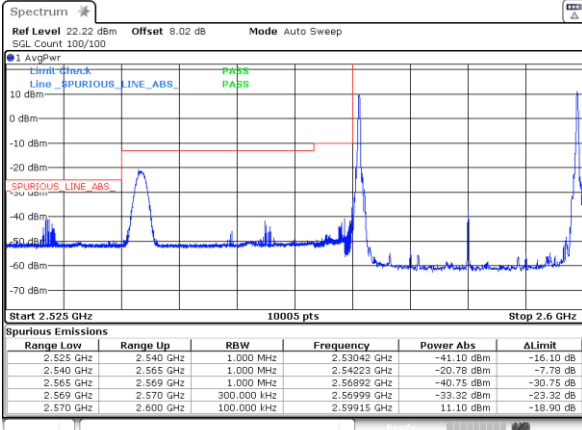
Date: 10, DEC, 2020 10:52:26



LTE Band 38C / 15MHz+15MHz

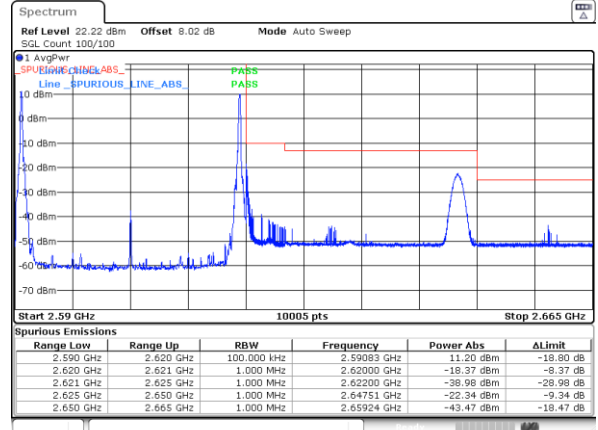
64QAM

Lowest Band Edge / 1RB0 and 1RB74



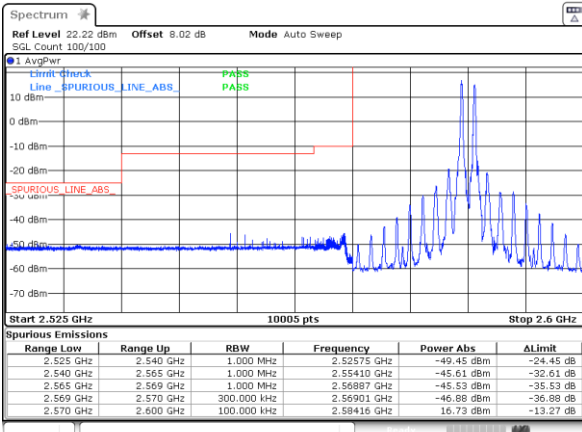
Date: 10. DEC. 2020 10:26:40

Highest Band Edge / 1RB0 and 1RB74



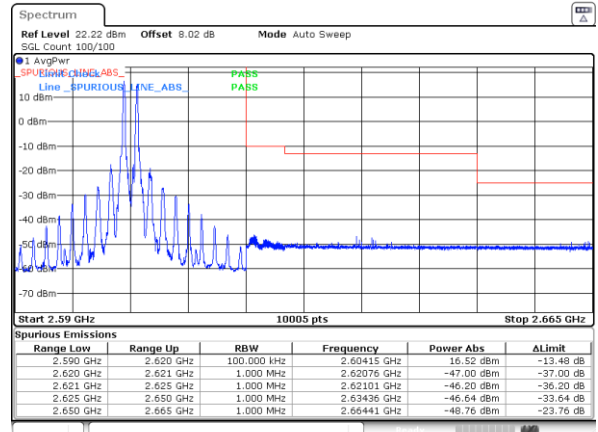
Date: 10. DEC. 2020 10:17:50

Lowest Band Edge / 1RB74 and 1RB0



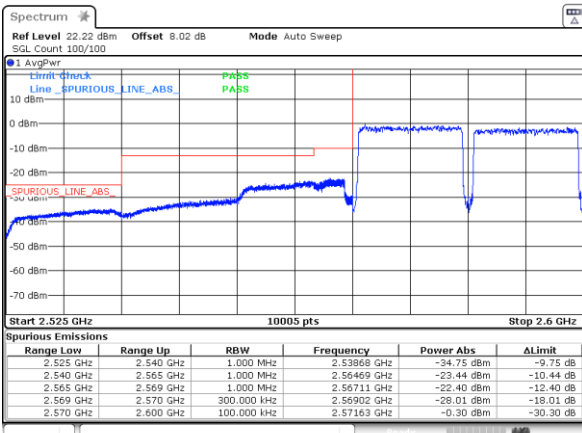
Date: 10. DEC. 2020 10:30:45

Highest Band Edge / 1RB74 and 1RB0



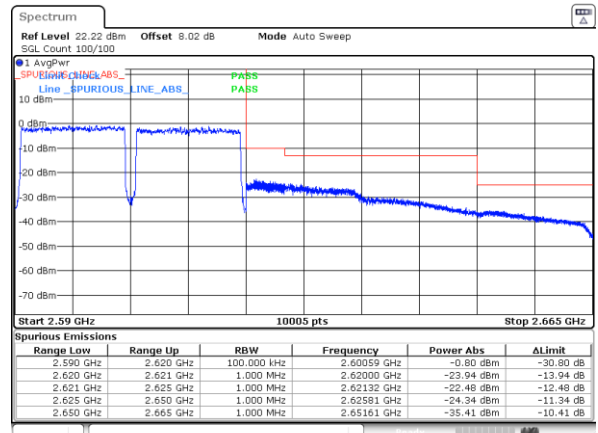
Date: 10. DEC. 2020 10:20:32

Lowest Band Edge / Full RB



Date: 10. DEC. 2020 10:25:21

Highest Band Edge / Full RB



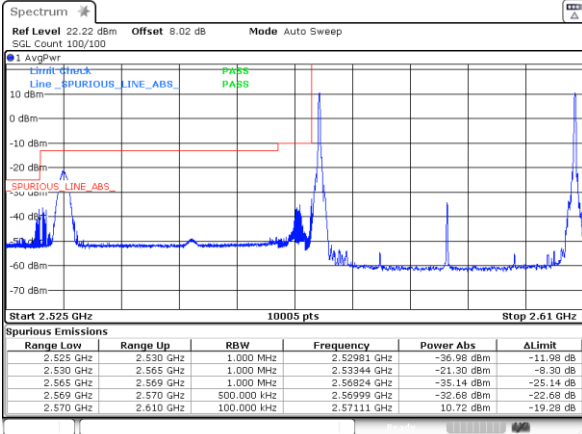
Date: 10. DEC. 2020 10:21:04



LTE Band 38C / 20MHz+20MHz

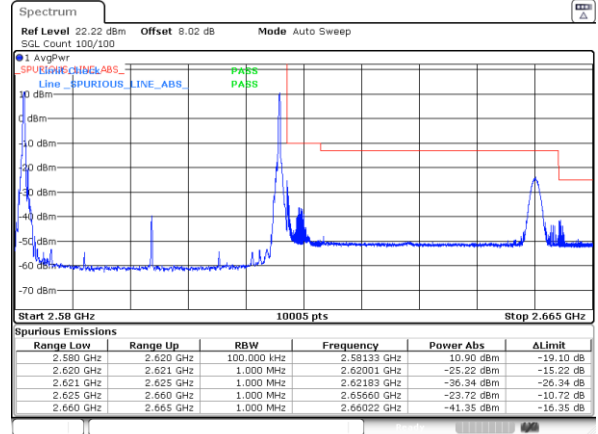
64QAM

Lowest Band Edge / 1RB0 and 1RB9



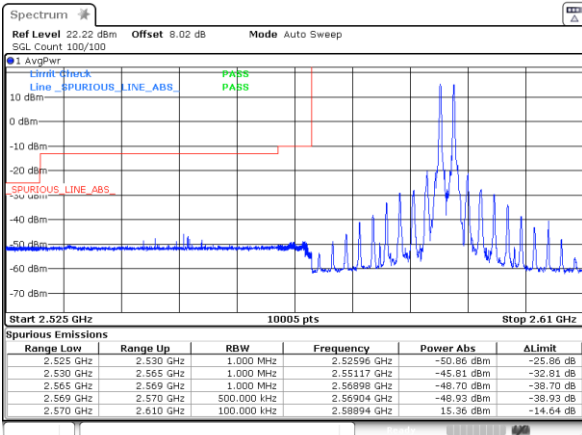
Date: 10. DEC. 2020 10:45:13

Highest Band Edge / 1RB0 and 1RB9



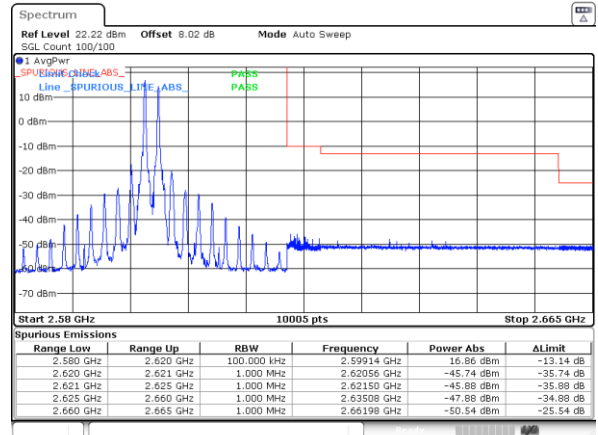
Date: 10. DEC. 2020 10:54:41

Lowest Band Edge / 1RB99 and 1RB0



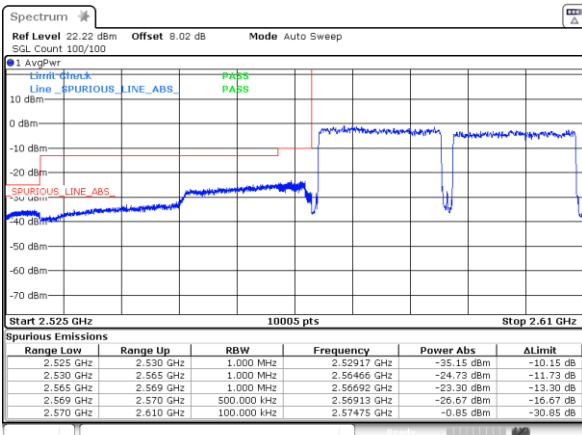
Date: 10. DEC. 2020 10:46:59

Highest Band Edge / 1RB99 and 1RB0



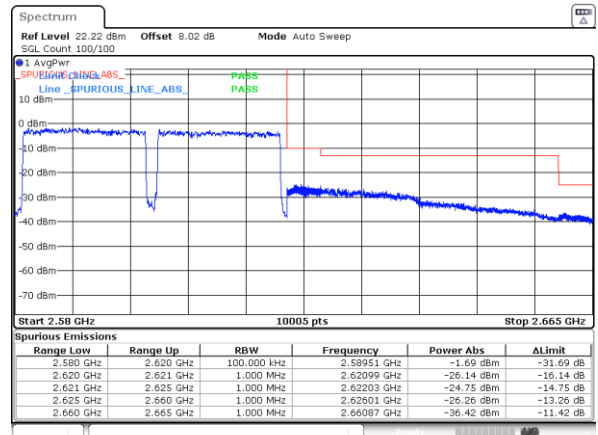
Date: 10. DEC. 2020 10:55:23

Lowest Band Edge / Full RB



Date: 10. DEC. 2020 10:50:51

Highest Band Edge / Full RB



Date: 10. DEC. 2020 10:51:59



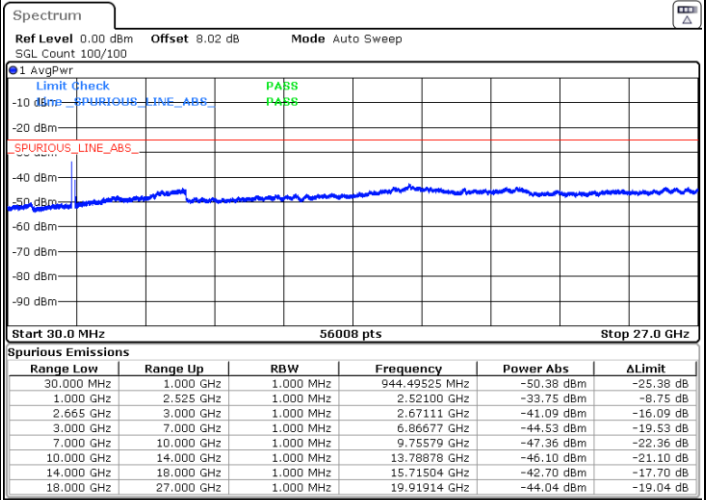
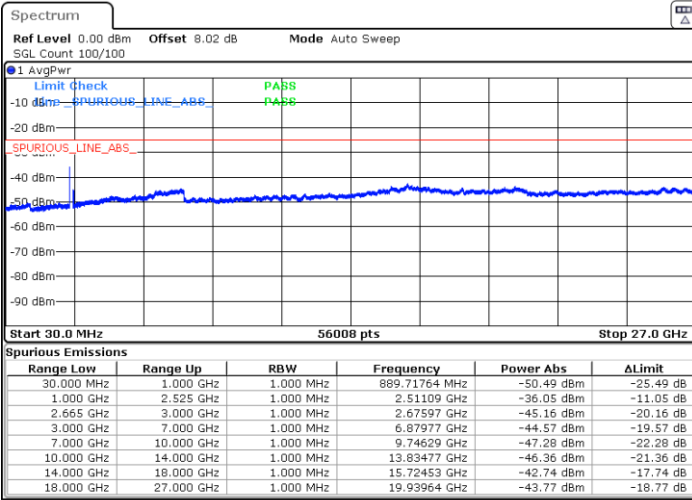
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0

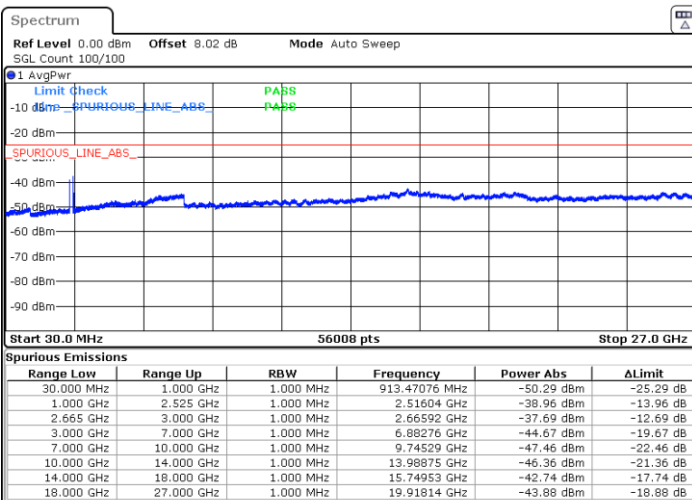
Middle Channel / 1RB0



Date: 10.DEC.2020 10:11:26

Date: 10.DEC.2020 10:13:06

High Channel / 1RB0



Date: 10.DEC.2020 10:14:26

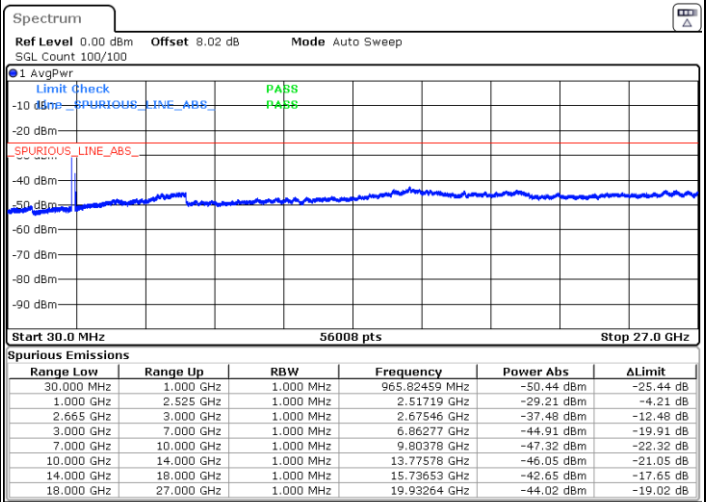
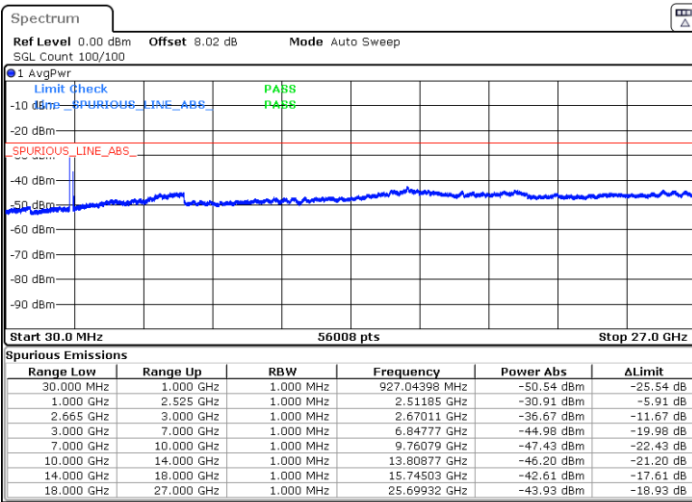


LTE Band 38C / 20MHz+20MHz

QPSK

Low Channel / 1RB0

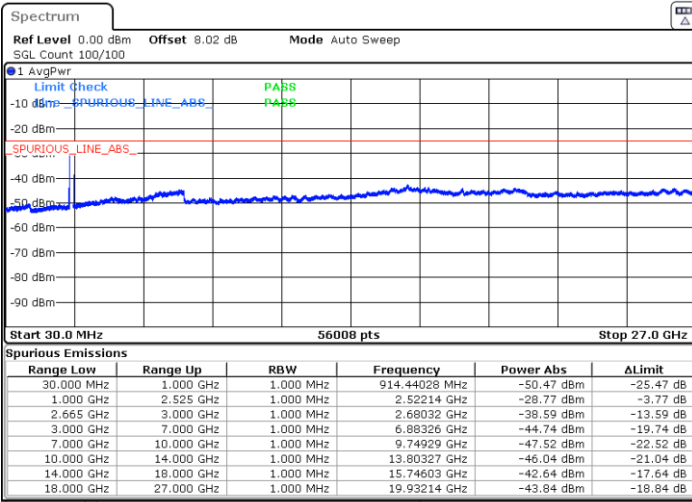
Middle Channel / 1RB0



Date: 10.DEC.2020 10:39:31

Date: 10.DEC.2020 10:37:11

High Channel / 1RB0



Date: 10.DEC.2020 10:41:41



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 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	3741	-49.35	-13	-36.35	-61.61	2.64	14.90	H
	5613	-54.04	-13	-41.04	-65.90	2.94	14.80	H
	7488	-53.23	-13	-40.23	-63.00	3.39	13.16	H
	3741	-56.57	-13	-43.57	-68.83	2.64	14.90	V
	5613	-54.84	-13	-41.84	-66.70	2.94	14.80	V
	7488	-52.74	-13	-39.74	-62.51	3.39	13.16	V

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

LTE Band 4 / 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	3447	-42.11	-13	-29.11	-52.85	2.604	13.34	H
	5172	-40.28	-13	-27.28	-50.79	3.011	13.52	H
	6900	-54.25	-13	-41.25	-64.45	3.271	13.47	H
	3447	-46.36	-13	-33.36	-57.10	2.604	13.34	V
	5169	-42.51	-13	-29.51	-53.02	3.011	13.52	V
	6900	-54.63	-13	-41.63	-64.83	3.271	13.47	V

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

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-64.51	-13	-51.51	-71.48	1.58	10.70	H
	2496	-58.30	-13	-45.30	-66.55	2.102	12.50	H
	3330	-61.24	-13	-48.24	-70.13	2.856	13.90	H
	1664	-61.85	-13	-48.85	-68.82	1.58	10.70	V
	2496	-56.24	-13	-43.24	-64.49	2.10	12.50	V
	3330	-60.99	-13	-47.99	-69.88	2.86	13.90	V

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



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	-55.87	-25	-30.87	-66.08	3.03	13.24	H
	7580	-48.62	-25	-23.62	-58.07	3.56	13.01	H
	10100	-59.34	-25	-34.34	-68.86	3.92	13.44	H
	12630	-56.68	-25	-31.68	-66.60	4.44	14.36	H
	15160	-57.64	-25	-32.64	-68.01	4.77	15.14	H
	17680	-45.20	-25	-20.20	-55.33	5.25	15.38	H
	5052	-56.70	-25	-31.70	-66.91	3.03	13.24	V
	7580	-55.44	-25	-30.44	-64.89	3.56	13.01	V
	10100	-60.60	-25	-35.60	-70.12	3.92	13.44	V
	12630	-57.22	-25	-32.22	-67.14	4.44	14.36	V
	15160	-57.96	-25	-32.96	-68.33	4.77	15.14	V
	17680	-42.51	-25	-17.51	-52.64	5.25	15.38	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	5172	-54.03	-25	-29.03	-64.24	3.03	13.24	H
	7760	-58.53	-25	-33.53	-67.98	3.56	13.01	H
	10340	-56.62	-25	-31.62	-66.14	3.92	13.44	H
	12930	-54.30	-25	-29.30	-63.34	4.39	13.43	H
	5172	-58.24	-25	-33.24	-68.45	3.03	13.24	V
	7760	-58.53	-25	-33.53	-67.98	3.56	13.01	V
	10340	-56.54	-25	-31.54	-66.06	3.92	13.44	V
	12930	-57.15	-25	-32.15	-66.19	4.39	13.43	V

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



LTE Band 2C_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	3723	-56.95	-13	-43.95	-69.21	2.64	14.90	H
	5583	-55.00	-13	-42.00	-66.86	2.94	14.80	H
	7440	-52.82	-13	-39.82	-62.59	3.39	13.16	H
	3723	-56.63	-13	-43.63	-68.89	2.64	14.90	V
	5583	-55.50	-13	-42.50	-67.36	2.94	14.80	V
	7440	-52.78	-13	-39.78	-62.55	3.39	13.16	V

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	-52.96	-25	-27.96	-63.17	3.03	13.24	H
	7548	-48.44	-25	-23.44	-57.89	3.56	13.01	H
	10060	-60.22	-25	-35.22	-69.74	3.92	13.44	H
	12580	-55.97	-25	-30.97	-65.89	4.44	14.36	H
	15100	-56.82	-25	-31.82	-67.19	4.77	15.14	H
	17610	-42.60	-25	-17.60	-52.73	5.25	15.38	H
	5032	-55.69	-25	-30.69	-65.90	3.03	13.24	V
	7548	-55.33	-25	-30.33	-64.78	3.56	13.01	V
	10060	-60.71	-25	-35.71	-70.23	3.92	13.44	V
	12580	-56.19	-25	-31.19	-66.11	4.44	14.36	V
	15100	-57.18	-25	-32.18	-67.55	4.77	15.14	V
	17610	-43.57	-25	-18.57	-53.70	5.25	15.38	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	-54.89	-25	-29.89	-65.10	3.03	13.24	H
	7728	-52.05	-25	-27.05	-61.50	3.56	13.01	H
	10300	-56.77	-25	-31.77	-66.29	3.92	13.44	H
	12880	-51.06	-25	-26.06	-60.10	4.39	13.43	H
	5152	-57.85	-25	-32.85	-68.06	3.03	13.24	V
	7728	-58.21	-25	-33.21	-67.66	3.56	13.01	V
	10300	-54.32	-25	-29.32	-63.84	3.92	13.44	V
	12880	-53.34	-25	-28.34	-62.38	4.39	13.43	V

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