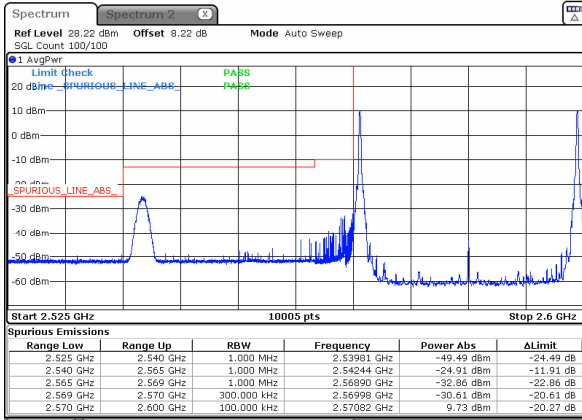




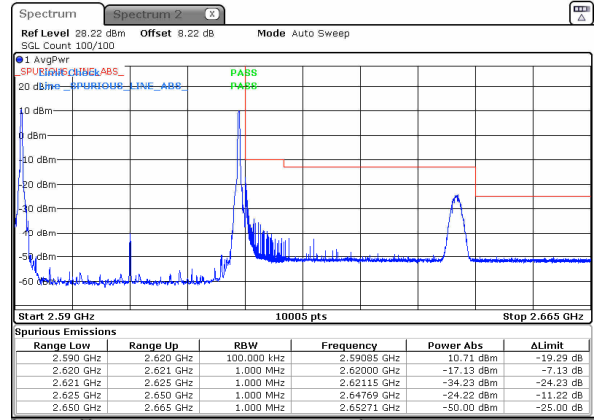
LTE Band 38C / 15MHz+15MHz

16QAM

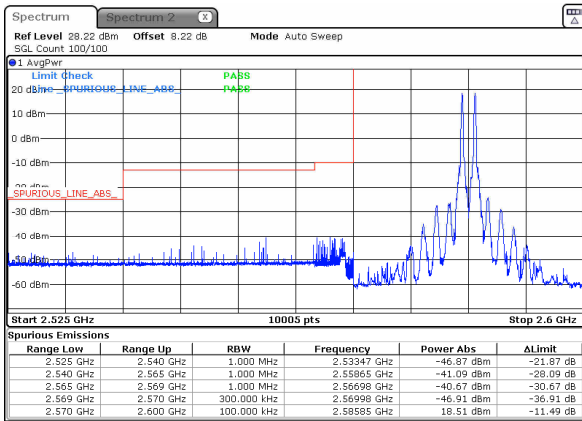
Lowest Band Edge / 1RB0 and 1RB74



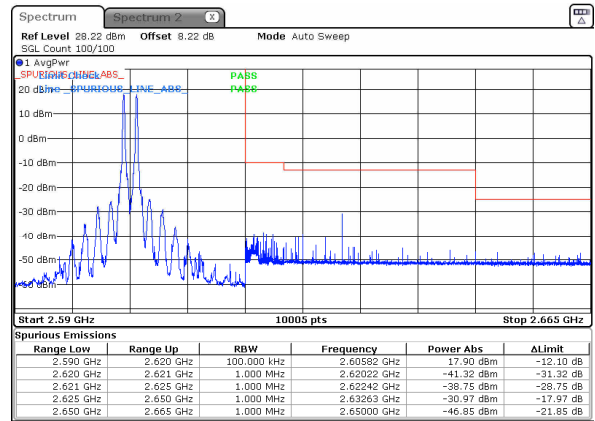
Highest Band Edge / 1RB0 and 1RB74



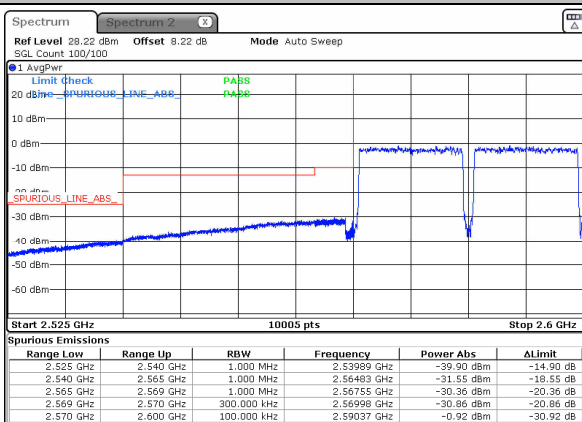
Lowest Band Edge / 1RB74 and 1RB0



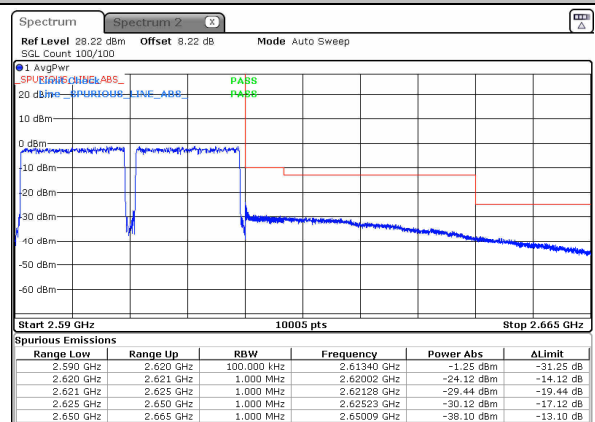
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

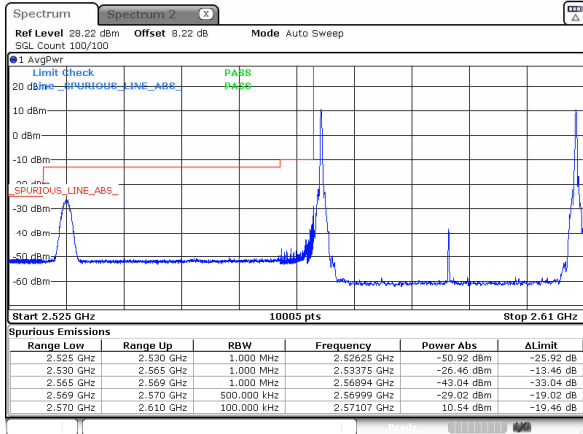




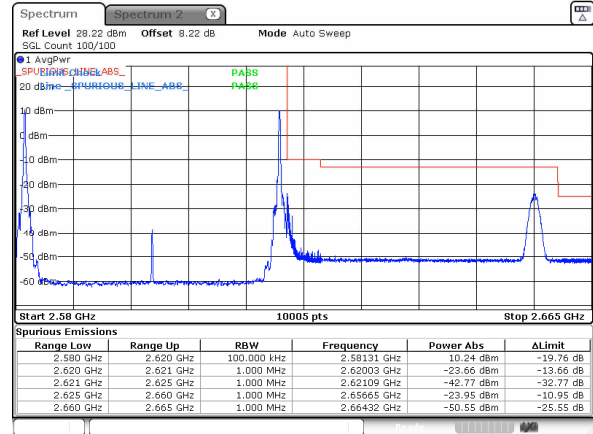
LTE Band 38C / 20MHz+20MHz

16QAM

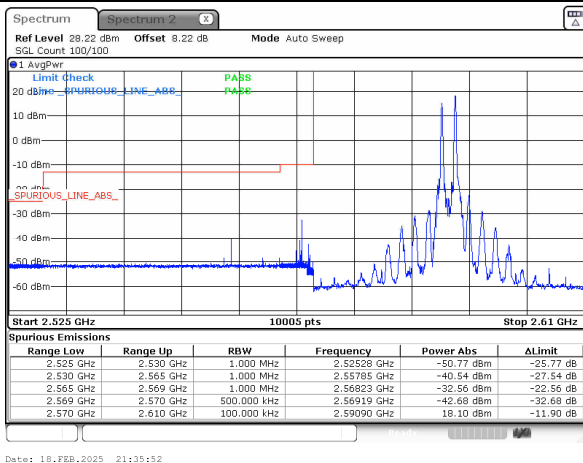
Lowest Band Edge / 1RB0 and 1RB99



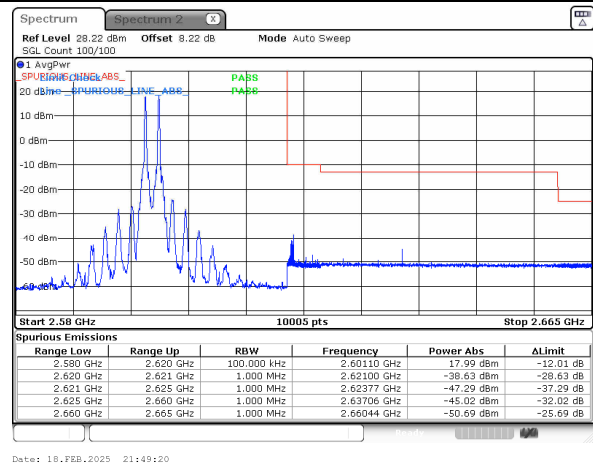
Highest Band Edge / 1RB0 and 1RB99



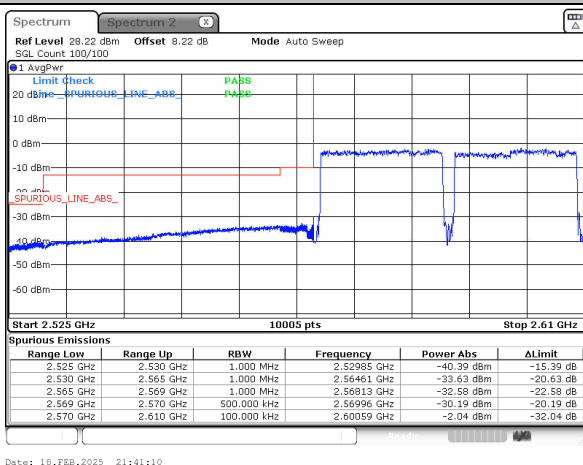
Lowest Band Edge / 1RB99 and 1RB0



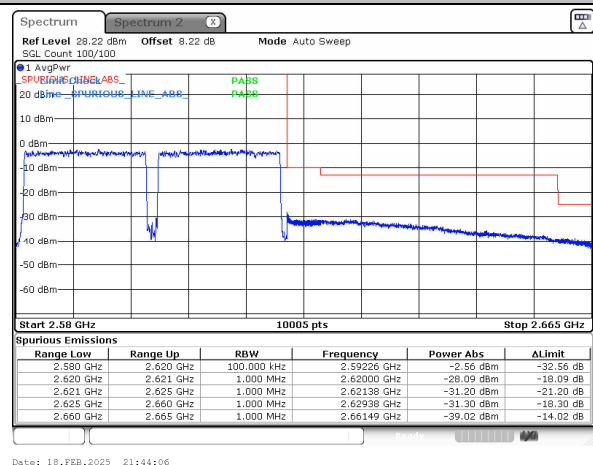
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

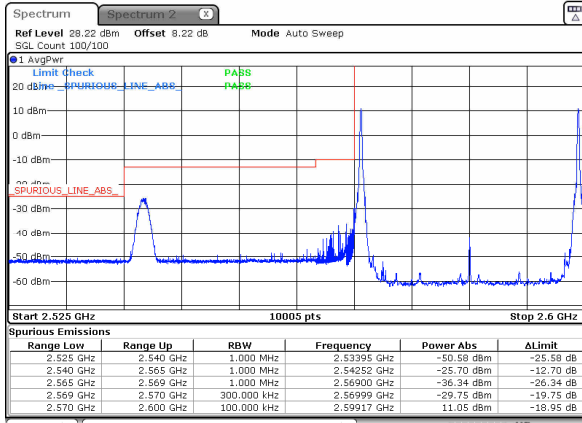




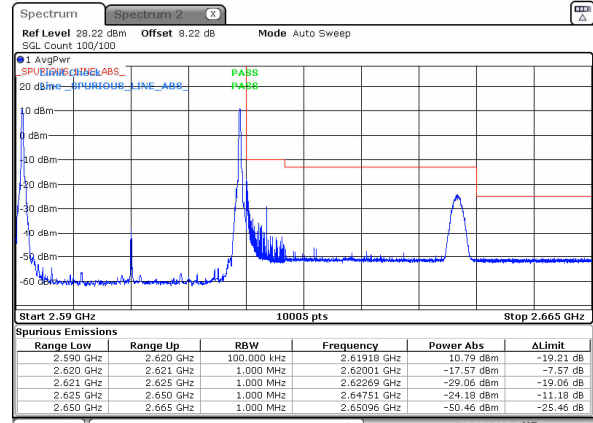
LTE Band 38C / 15MHz+15MHz

64QAM

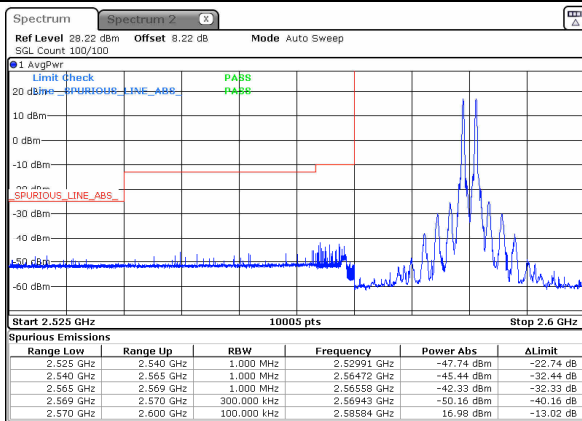
Lowest Band Edge / 1RB0 and 1RB74



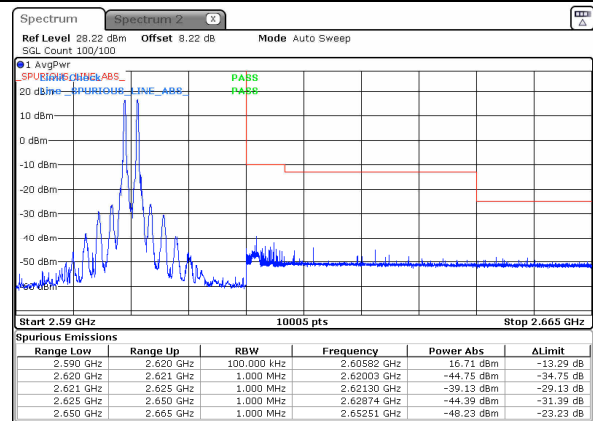
Highest Band Edge / 1RB0 and 1RB74



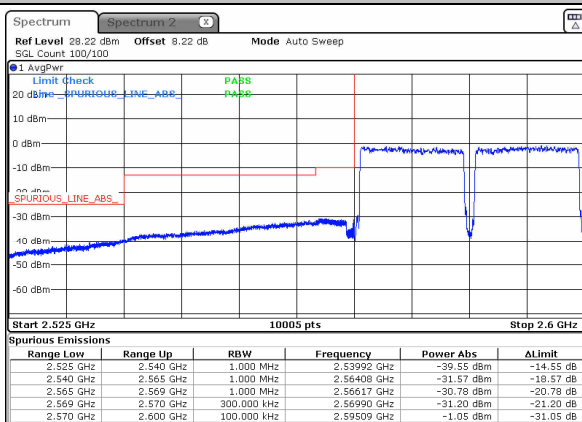
Lowest Band Edge / 1RB74 and 1RB0



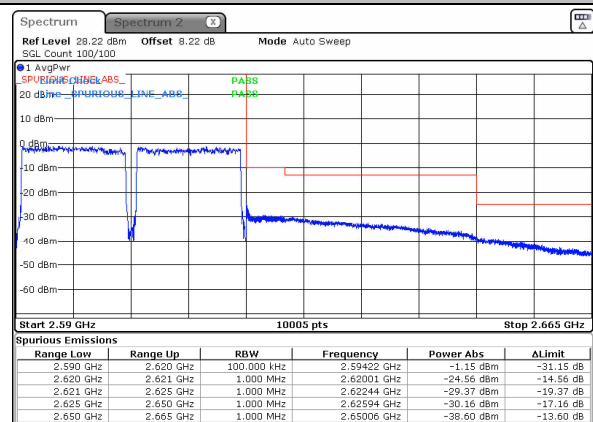
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

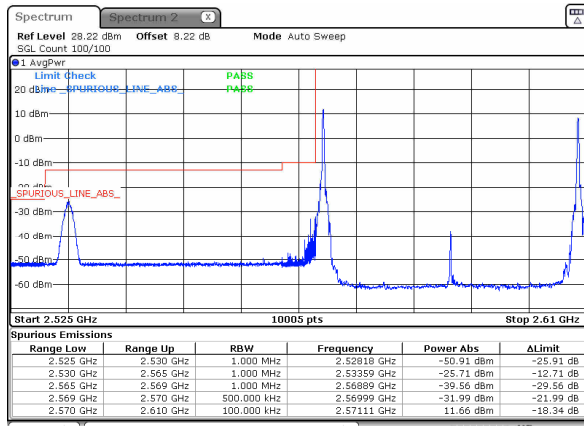




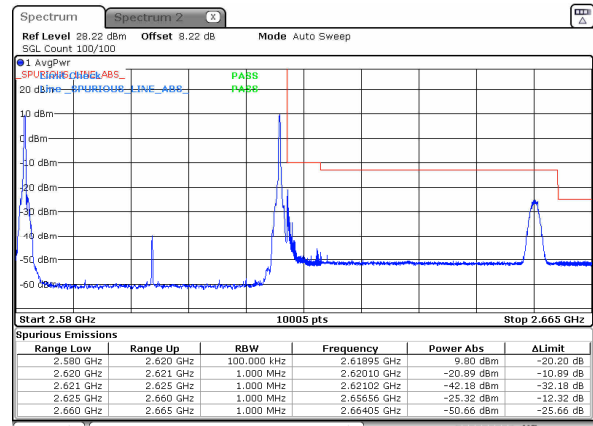
LTE Band 38C / 20MHz+20MHz

64QAM

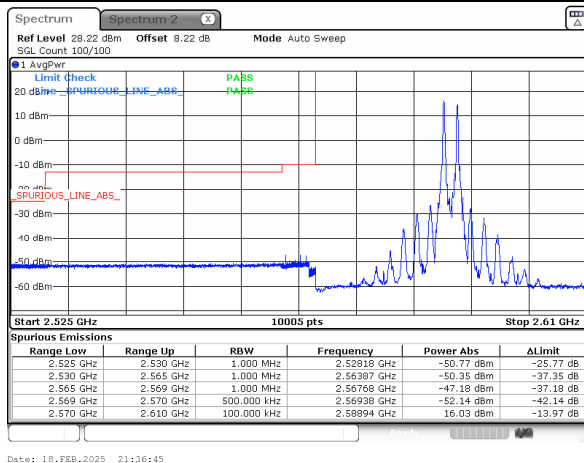
Lowest Band Edge / 1RB0 and 1RB99



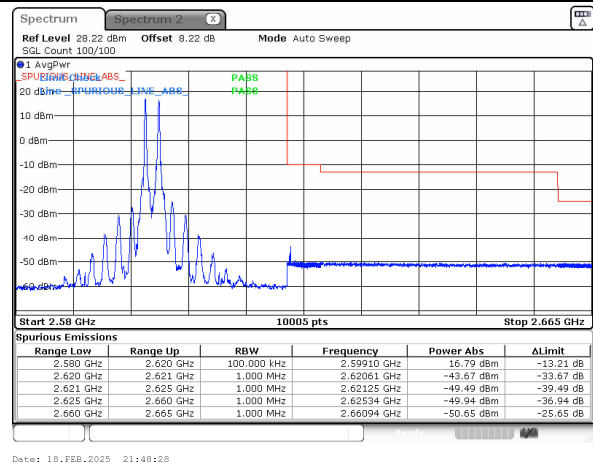
Highest Band Edge / 1RB0 and 1RB99



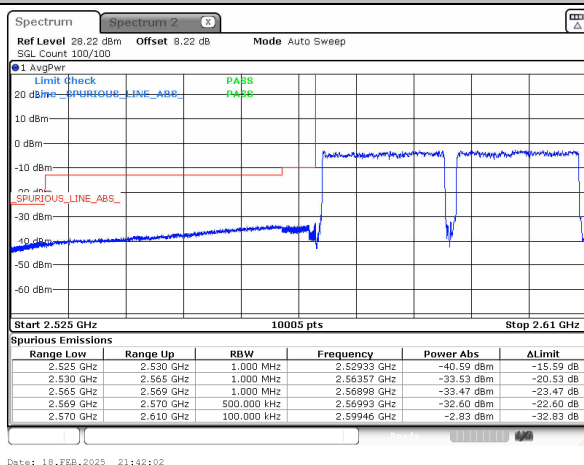
Lowest Band Edge / 1RB99 and 1RB0



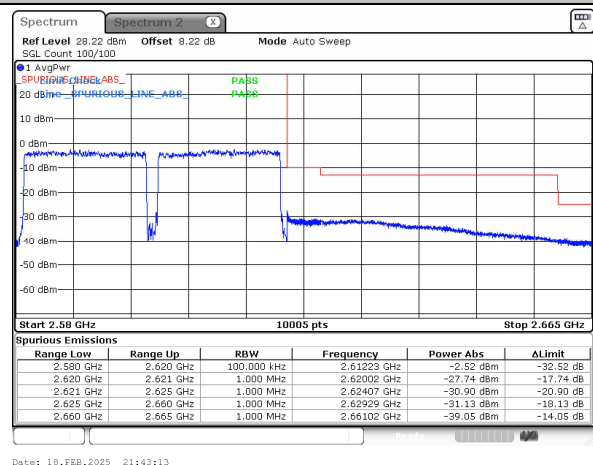
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

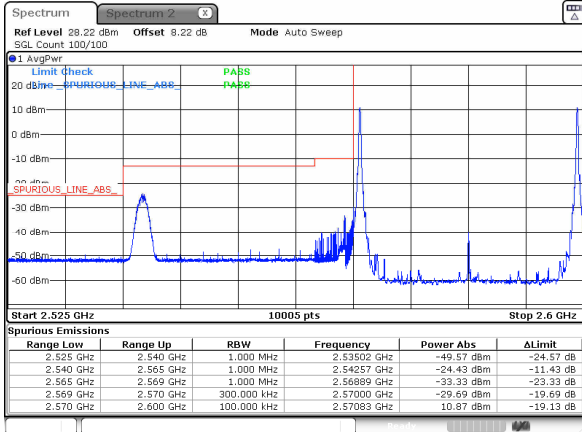




LTE Band 38C / 15MHz+15MHz

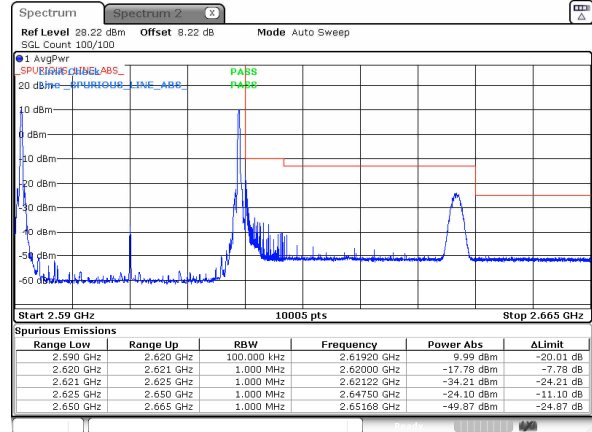
256QAM

Lowest Band Edge / 1RB0 and 1RB74



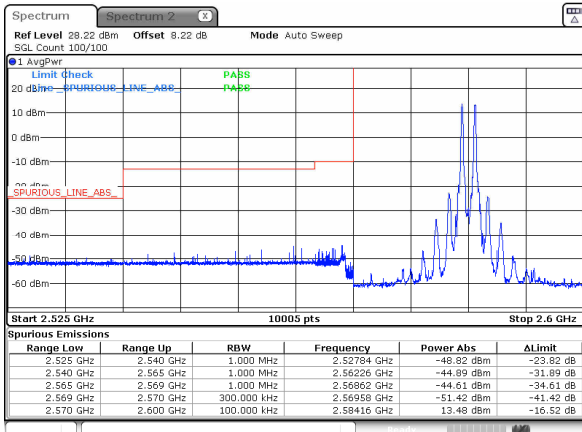
Date: 18.FEB.2025 22:02:24

Highest Band Edge / 1RB0 and 1RB74



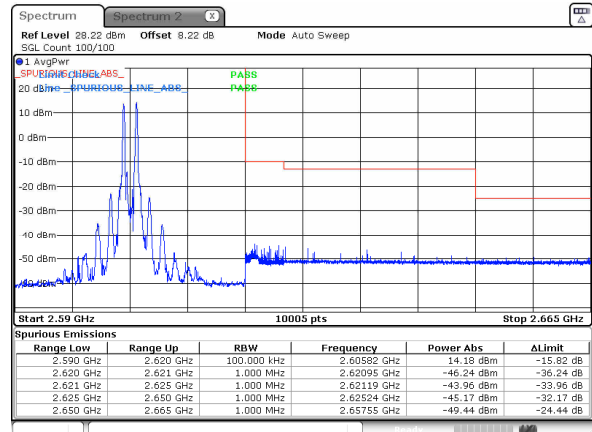
Date: 18.FEB.2025 21:59:43

Lowest Band Edge / 1RB74 and 1RB0



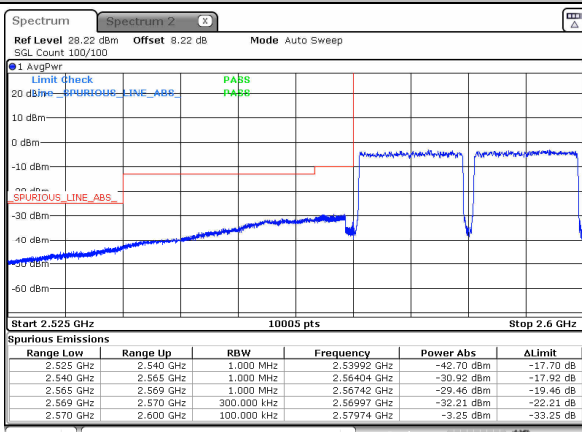
Date: 18.FEB.2025 22:03:17

Highest Band Edge / 1RB74 and 1RB0



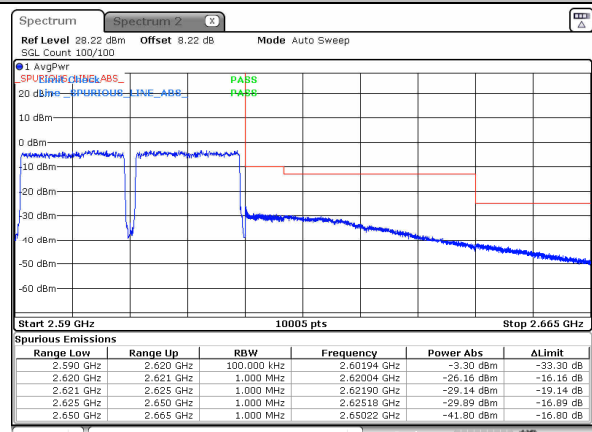
Date: 18.FEB.2025 21:58:50

Lowest Band Edge / Full RB



Date: 18.FEB.2025 22:01:30

Highest Band Edge / Full RB



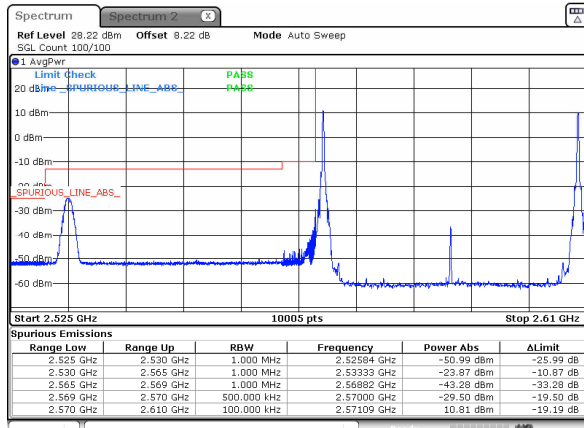
Date: 18.FEB.2025 22:00:35



LTE Band 38C / 20MHz+20MHz

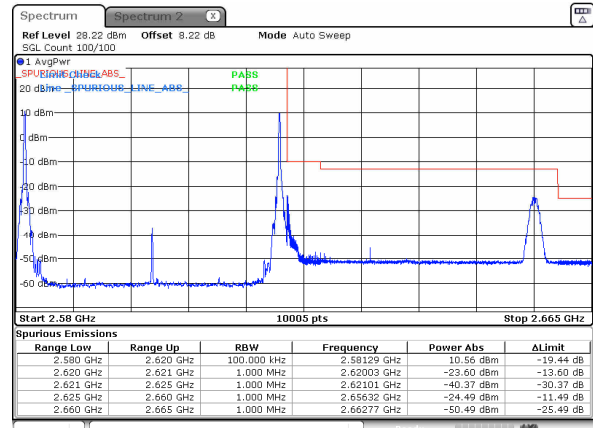
256QAM

Lowest Band Edge / 1RB0 and 1RB99



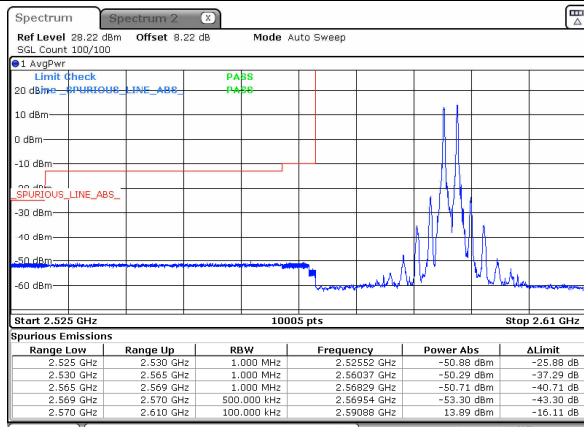
Date: 18.FEB.2025 22:05:06

Highest Band Edge / 1RB0 and 1RB99



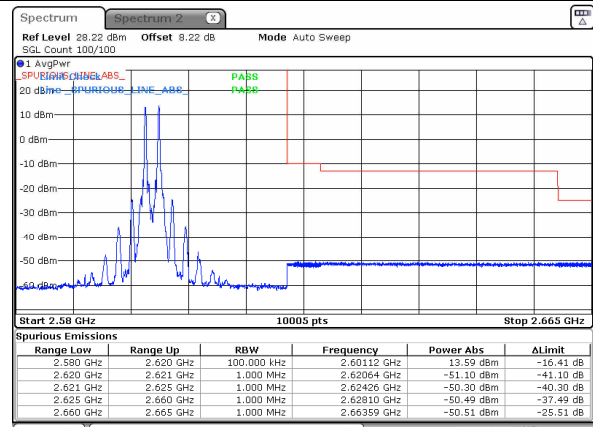
Date: 18.FEB.2025 22:14:12

Lowest Band Edge / 1RB99 and 1RB0



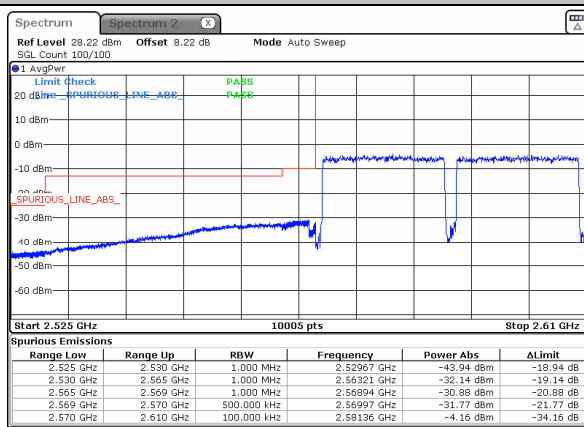
Date: 18.FEB.2025 22:04:13

Highest Band Edge / 1RB99 and 1RB0



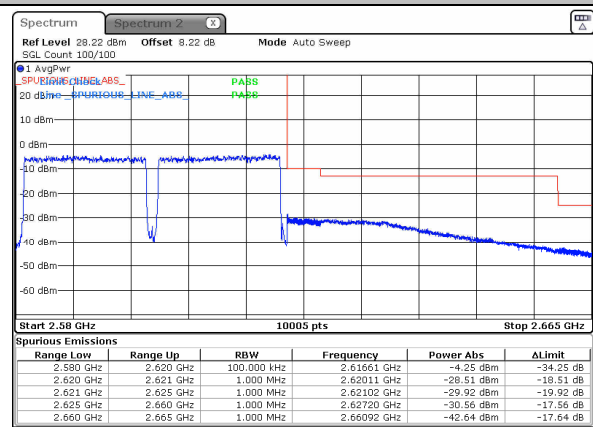
Date: 18.FEB.2025 22:07:44

Lowest Band Edge / Full RB



Date: 18.FEB.2025 22:06:00

Highest Band Edge / Full RB



Date: 18.FEB.2025 22:06:52



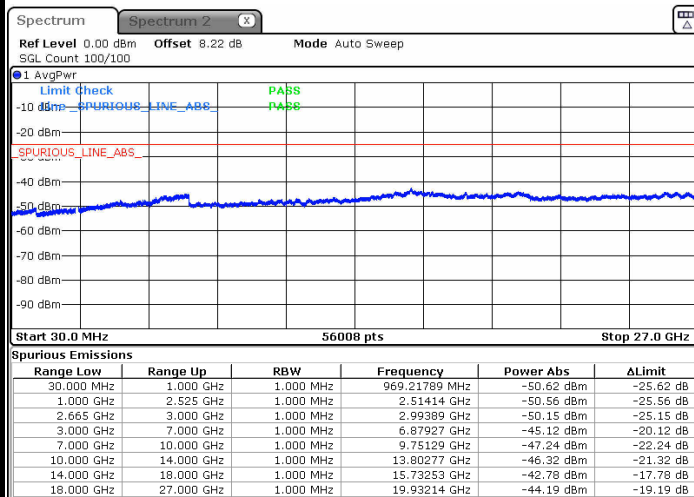
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

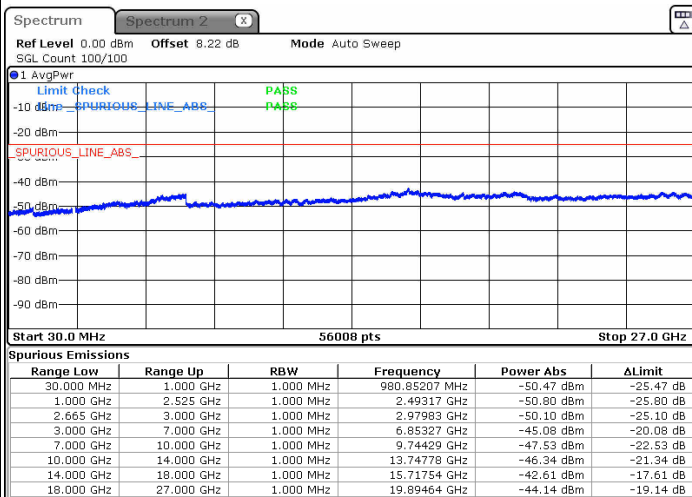
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



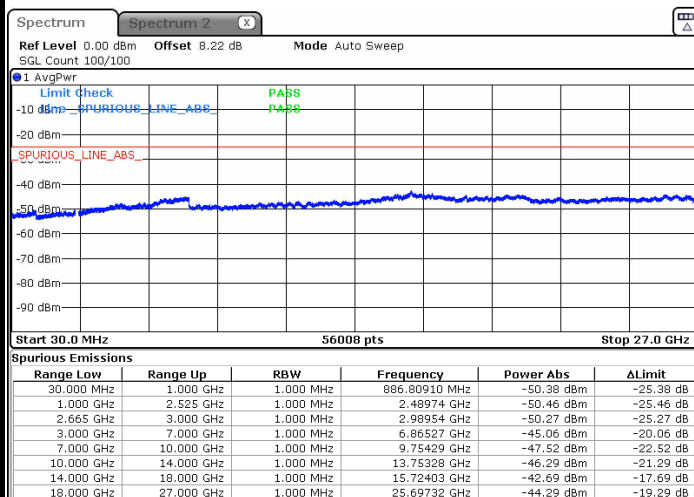
Date: 18.FEB.2025 22:21:42



Date: 18.FEB.2025 22:19:15

Highest Channel / 1RB74 and 1RB0

N/A



Date: 18.FEB.2025 22:20:29

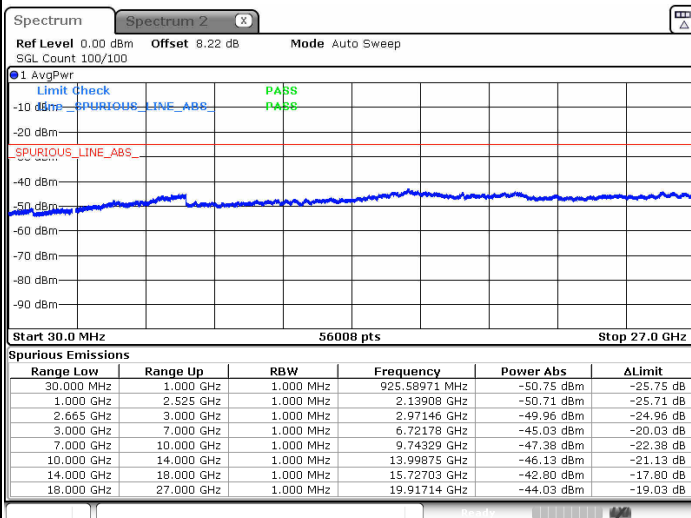


LTE Band 38C / 20MHz+20MHz

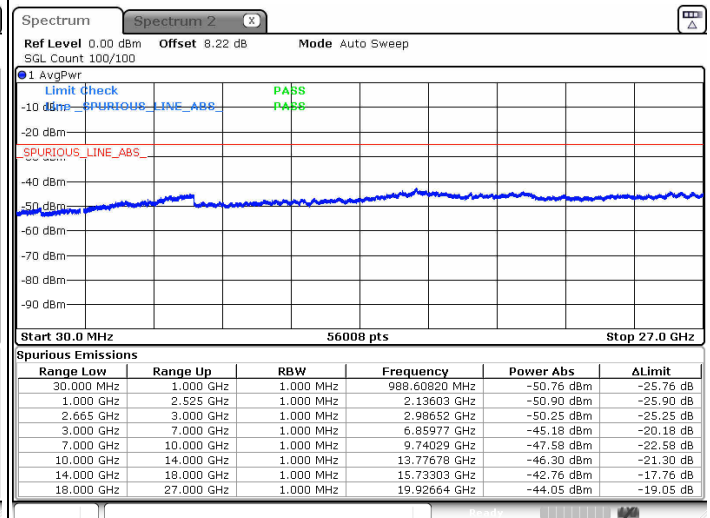
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



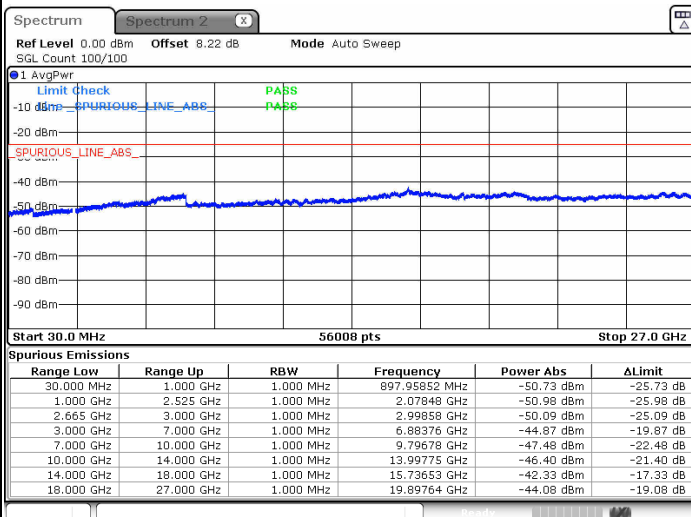
Date: 18.FEB.2025 22:22:58



Date: 18.FEB.2025 22:35:33

Highest Channel / 1RB99 and 1RB0

N/A



Date: 18.FEB.2025 22:24:11

Frequency Stability

Test Conditions		LTE Band 38C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0044	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	21~25℃
		Relative Humidity :	51~53%

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 Ant.2									
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)
Lowest	5002.18	-58.52	-25	-33.52	-81.17	-64.08	7.12	12.68	H
	7503.27	-55.22	-25	-30.22	-81.76	-58.55	8.26	11.59	H
	10004.36	-53.46	-25	-28.46	-83.68	-54.99	10.45	11.98	H
	5002.18	-57.50	-25	-32.50	-81.83	-63.06	7.12	12.68	V
	7503.27	-55.12	-25	-30.12	-81.65	-58.45	8.26	11.59	V
	10004.36	-53.02	-25	-28.02	-83.88	-54.55	10.45	11.98	V
Middle	5052.18	-58.17	-25	-33.17	-81.17	-63.73	7.14	12.70	H
	7578.27	-55.02	-25	-30.02	-81.33	-58.32	8.30	11.60	H
	10104.36	-52.45	-25	-27.45	-82.81	-53.97	10.48	12.00	H
	5052.18	-57.01	-25	-32.01	-81.34	-62.57	7.14	12.70	V
	7578.27	-55.38	-25	-30.38	-81.69	-58.68	8.30	11.60	V
	10104.36	-51.25	-25	-26.25	-82.59	-52.77	10.48	12.00	V
Highest	5102.18	-57.81	-25	-32.81	-81.16	-63.37	7.16	12.72	H
	7653.27	-55.54	-25	-30.54	-81.67	-58.84	8.33	11.63	H
	10204.36	-52.58	-25	-27.58	-83.06	-54.18	10.50	12.10	H
	5102.18	-56.60	-25	-31.60	-80.93	-62.16	7.16	12.72	V
	7653.27	-53.80	-25	-28.80	-80.96	-57.10	8.33	11.63	V
	10204.36	-51.49	-25	-26.49	-83.24	-53.09	10.50	12.10	V

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



EN-DC_7A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT5+2)- other PA									
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)
LTE Band 7 Lowest	5052.18	-58.19	-25	-33.19	-81.19	-63.75	7.12	12.68	H
	7578.27	-55.47	-25	-30.47	-81.78	-58.80	8.26	11.59	H
	10104.36	-52.47	-25	-27.47	-82.83	-54.00	10.45	11.98	H
	5052.18	-56.91	-25	-31.91	-81.24	-62.47	7.12	12.68	V
	7578.27	-55.38	-25	-30.38	-81.69	-58.71	8.26	11.59	V
	10104.36	-51.81	-25	-26.81	-83.15	-53.34	10.45	11.98	V
NR n2 Lowest	3701.5	-57.35	-13	-44.35	-80.29	-64.11	5.82	12.58	H
	5552.25	-57.10	-13	-44.10	-81.39	-62.82	7.28	13.00	H
	7403	-54.40	-13	-41.40	-81.32	-57.56	8.32	11.48	H
	3701.5	-53.66	-13	-40.66	-78.29	-60.42	5.82	12.58	V
	5552.25	-56.57	-13	-43.57	-81.29	-62.29	7.28	13.00	V
	7403	-53.91	-13	-40.91	-80.8	-57.07	8.32	11.48	V
LTE Band 7 Middle	5052.18	-58.19	-25	-33.19	-81.19	-63.75	7.14	12.70	H
	7578.27	-55.16	-25	-30.16	-81.47	-58.46	8.30	11.60	H
	10104.36	-52.75	-25	-27.75	-83.11	-54.27	10.48	12.00	H
	5052.18	-56.99	-25	-31.99	-81.32	-62.55	7.14	12.70	V
	7578.27	-55.42	-25	-30.42	-81.73	-58.72	8.30	11.60	V
	10104.36	-51.55	-25	-26.55	-82.89	-53.07	10.48	12.00	V
NR n2 Middle	3741.5	-57.40	-13	-44.40	-80.24	-64.15	5.85	12.60	H
	5612.25	-57.21	-13	-44.21	-81.35	-63.01	7.30	13.10	H
	7483	-54.65	-13	-41.65	-81.31	-57.80	8.35	11.50	H
	3741.5	-51.77	-13	-38.77	-76.62	-58.52	5.85	12.60	V
	5612.25	-56.44	-13	-43.44	-81.43	-62.24	7.30	13.10	V
	7483	-54.79	-13	-41.79	-81.43	-57.94	8.35	11.50	V
LTE Band 7 Highest	5052.18	-58.08	-25	-33.08	-81.08	-63.64	7.16	12.72	H
	7578.27	-55.44	-25	-30.44	-81.75	-58.74	8.33	11.63	H
	10104.36	-52.05	-25	-27.05	-82.41	-53.65	10.50	12.10	H
	5052.18	-56.88	-25	-31.88	-81.21	-62.44	7.16	12.72	V
	7578.27	-55.22	-25	-30.22	-81.53	-58.52	8.33	11.63	V
	10104.36	-51.31	-25	-26.31	-82.65	-52.91	10.50	12.10	V
NR n2 Highest	3781.5	-54.03	-13	-41.03	-77.22	-60.77	5.88	12.62	H
	5672.25	-57.19	-13	-44.19	-81.34	-63.00	7.32	13.13	H
	7563	-55.31	-13	-42.31	-81.68	-58.47	8.38	11.54	H
	3781.5	-51.33	-13	-38.33	-76.01	-58.07	5.88	12.62	V
	5672.25	-56.82	-13	-43.82	-81.26	-62.63	7.32	13.13	V
	7563	-55.22	-13	-42.22	-81.58	-58.38	8.38	11.54	V

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



LTE CA_7C / 20MHz +20MHz / PCC+SCC QPSK Ant.2									
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)
Lowest	5039.80	-58.32	-25	-33.32	-81.32	-63.88	7.12	12.68	H
	7559.70	-55.81	-25	-30.81	-82.18	-59.14	8.26	11.59	H
	10079.60	-53.66	-25	-28.66	-83.97	-55.19	10.45	11.98	H
	5039.80	-57.42	-25	-32.42	-81.75	-62.98	7.12	12.68	V
	7559.70	-55.69	-25	-30.69	-82.05	-59.02	8.26	11.59	V
	10079.60	-52.61	-25	-27.61	-83.79	-54.14	10.45	11.98	V
Middle	5070.00	-58.37	-25	-33.37	-81.49	-63.93	7.14	12.70	H
	7605.00	-56.40	-25	-31.40	-82.61	-59.70	8.30	11.60	H
	10140.00	-53.11	-25	-28.11	-83.52	-54.63	10.48	12.00	H
	5070.00	-57.44	-25	-32.44	-81.77	-63.00	7.14	12.70	V
	7605.00	-56.08	-25	-31.08	-82.63	-59.38	8.30	11.60	V
	10140.00	-51.85	-25	-26.85	-83.36	-53.37	10.48	12.00	V
Highest	5100.20	-58.28	-25	-33.28	-81.63	-63.84	7.16	12.72	H
	7650.30	-56.19	-25	-31.19	-82.32	-59.49	8.33	11.63	H
	10200.30	-53.53	-25	-28.53	-84.01	-55.13	10.50	12.10	H
	5100.20	-57.29	-25	-32.29	-81.62	-62.85	7.16	12.72	V
	7650.30	-54.64	-25	-29.64	-81.8	-57.94	8.33	11.63	V
	10200.30	-51.49	-25	-26.49	-83.24	-53.09	10.50	12.10	V

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

LTE Band 41 / 20MHz / QPSK Ant.2									
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)
Lowest	4994.18	-59.14	-25	-34.14	-81.79	-64.70	7.12	12.68	H
	7491.27	-55.25	-25	-30.25	-81.85	-58.58	8.26	11.59	H
	9988.36	-53.69	-25	-28.69	-83.87	-55.22	10.45	11.98	H
	4994.18	-57.67	-25	-32.67	-82	-63.23	7.12	12.68	V
	7491.27	-55.52	-25	-30.52	-82.11	-58.85	8.26	11.59	V
	9988.36	-52.33	-25	-27.33	-83.09	-53.86	10.45	11.98	V
Middle	5168.00	-57.79	-25	-32.79	-81.62	-63.35	7.14	12.70	H
	7752.00	-55.70	-25	-30.70	-81.58	-59.00	8.30	11.60	H
	10336.00	-52.48	-25	-27.48	-83.14	-54.00	10.48	12.00	H
	5168.00	-57.33	-25	-32.33	-81.66	-62.89	7.14	12.70	V
	7752.00	-52.39	-25	-27.39	-81.36	-55.69	8.30	11.60	V
	10336.00	-50.92	-25	-25.92	-83.33	-52.44	10.48	12.00	V
Highest	5342.00	-57.45	-25	-32.45	-81.96	-63.01	7.16	12.72	H
	8013.00	-54.88	-25	-29.88	-81.55	-58.18	8.33	11.63	H
	10684.00	-51.71	-25	-26.71	-83.33	-53.31	10.50	12.10	H
	5342.00	-57.98	-25	-32.98	-82.01	-63.54	7.16	12.72	V
	8013.00	-52.47	-25	-27.47	-81.43	-55.77	8.33	11.63	V
	10684.00	-48.88	-25	-23.88	-82.99	-50.48	10.50	12.10	V

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



LTE CA_38C/ 20MHz +20 MHz / PCC+SCC QPSK Ant.2									
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)
Lowest	5179.8	-57.57	-25	-32.57	-81.51	-63.25	7.10	12.78	H
	7769.7	-55.83	-25	-30.83	-81.67	-58.91	8.48	11.56	H
	10359.6	-52.67	-25	-27.67	-83.38	-54.02	10.65	12.00	H
	5179.8	-57.16	-25	-32.16	-81.49	-62.84	7.10	12.78	V
	7769.7	-52.13	-25	-27.13	-81.4	-55.21	8.48	11.56	V
	10359.6	-50.64	-25	-25.64	-83.21	-51.99	10.65	12.00	V
Middle	5190.00	-57.67	-25	-32.67	-81.61	-63.23	7.14	12.70	H
	7785.00	-56.12	-25	-31.12	-81.92	-59.42	8.30	11.60	H
	10380.00	-52.74	-25	-27.74	-83.48	-54.26	10.48	12.00	H
	5190.00	-57.40	-25	-32.40	-81.73	-62.96	7.14	12.70	V
	7785.00	-52.09	-25	-27.09	-81.66	-55.39	8.30	11.60	V
	10380.00	-50.32	-25	-25.32	-82.97	-51.84	10.48	12.00	V
Highest	5200	-57.62	-25	-32.62	-81.68	-63.26	7.18	12.82	H
	7800	-56.15	-25	-31.15	-81.91	-59.24	8.54	11.63	H
	10400	-52.98	-25	-27.98	-83.74	-54.33	10.70	12.05	H
	5200	-57.32	-25	-32.32	-81.65	-62.96	7.18	12.82	V
	7800	-52.19	-25	-27.19	-82.06	-55.28	8.54	11.63	V
	10400	-51.11	-25	-26.11	-83.84	-52.46	10.70	12.05	V

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