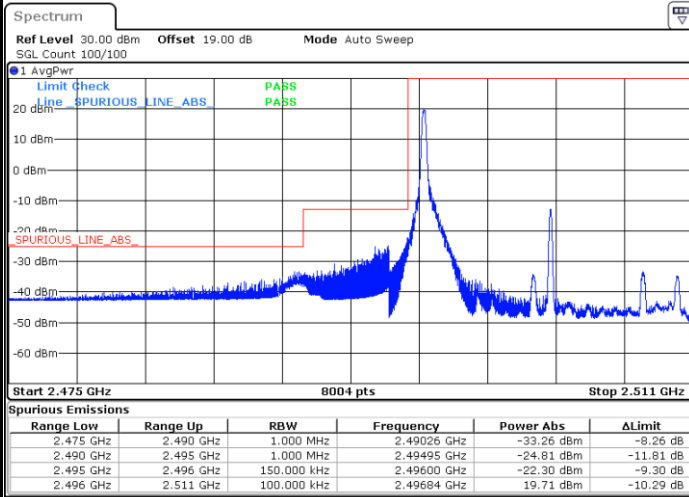




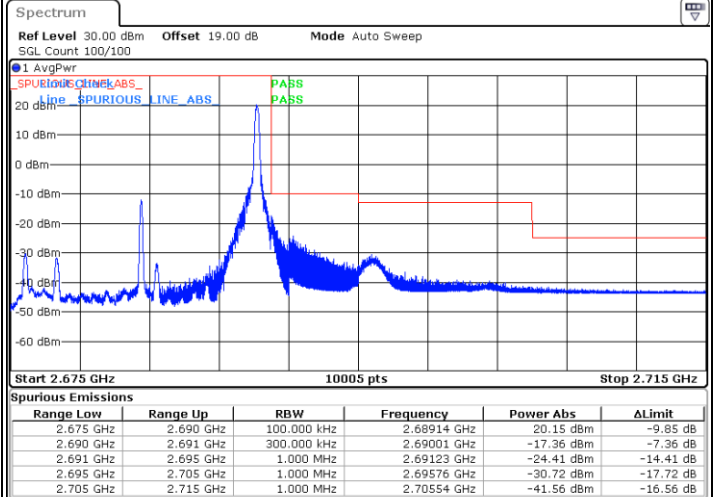
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



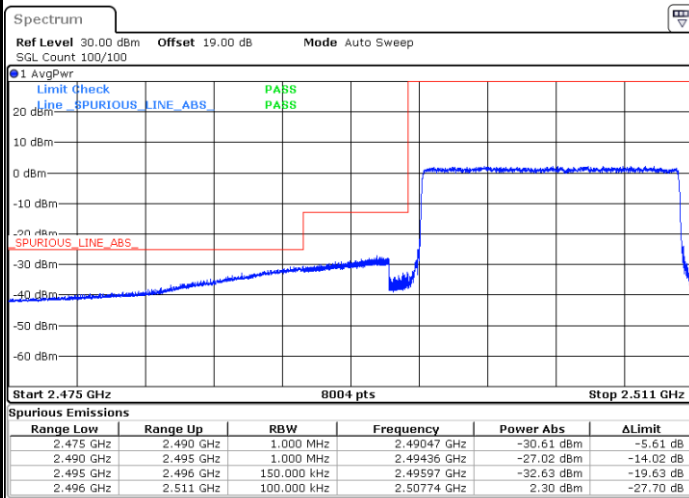
Date: 19.JUN.2025 22:53:09

Highest Band Edge / 1 RB



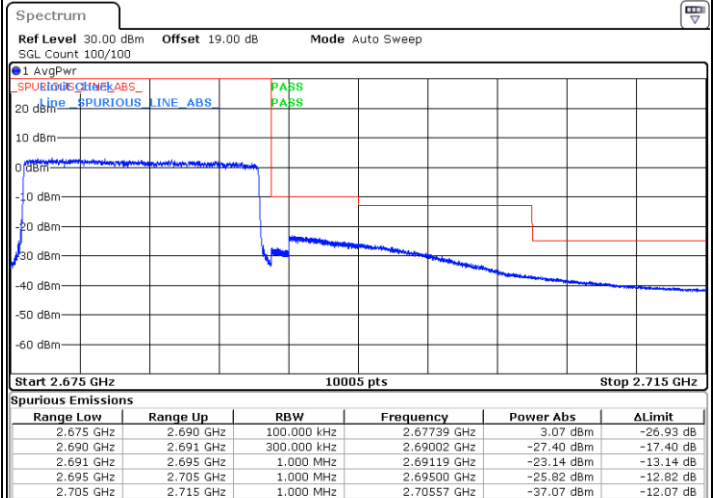
Date: 19.JUN.2025 23:02:15

Lowest Band Edge / Full RB



Date: 19.JUN.2025 22:55:58

Highest Band Edge / Full RB

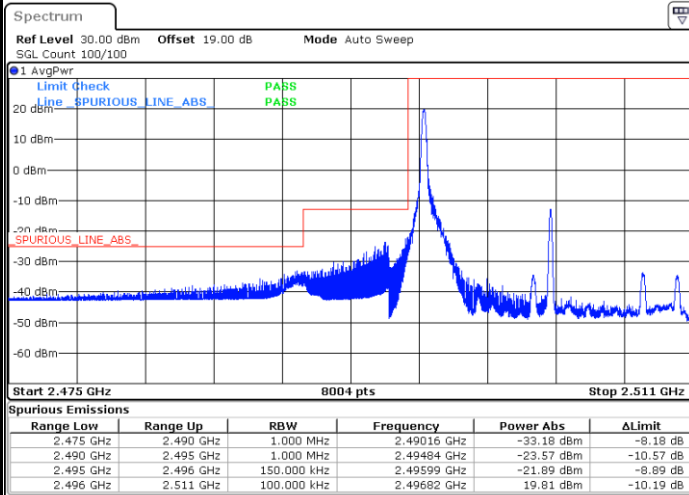


Date: 19.JUN.2025 22:59:00



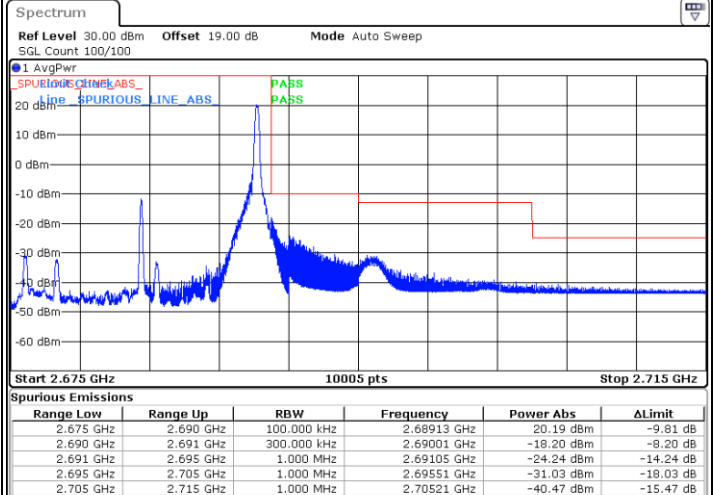
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



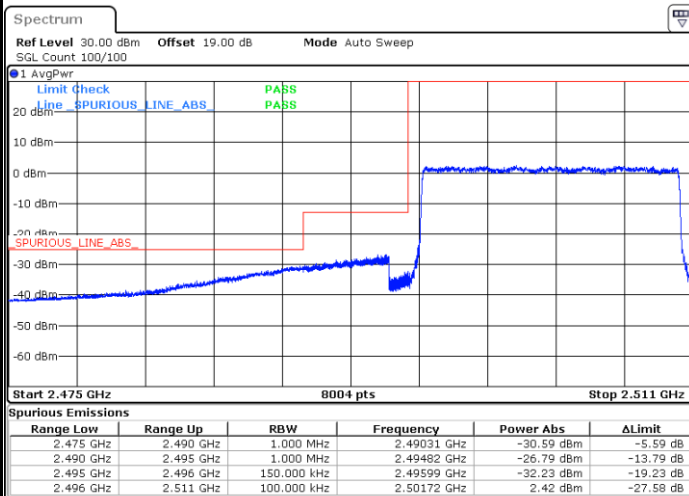
Date: 19.JUN.2025 22:54:13

Highest Band Edge / 1 RB



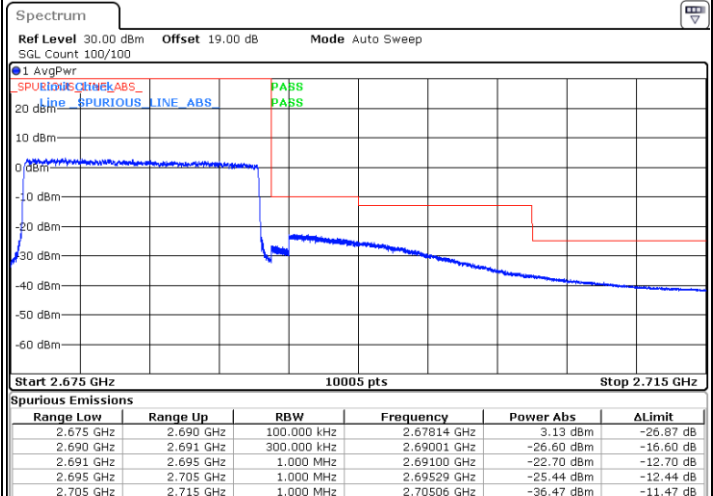
Date: 19.JUN.2025 23:01:16

Lowest Band Edge / Full RB



Date: 19.JUN.2025 22:55:17

Highest Band Edge / Full RB

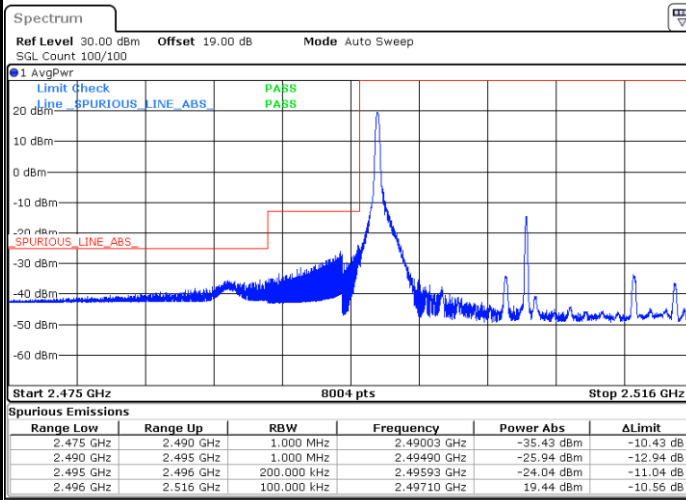


Date: 19.JUN.2025 23:00:12

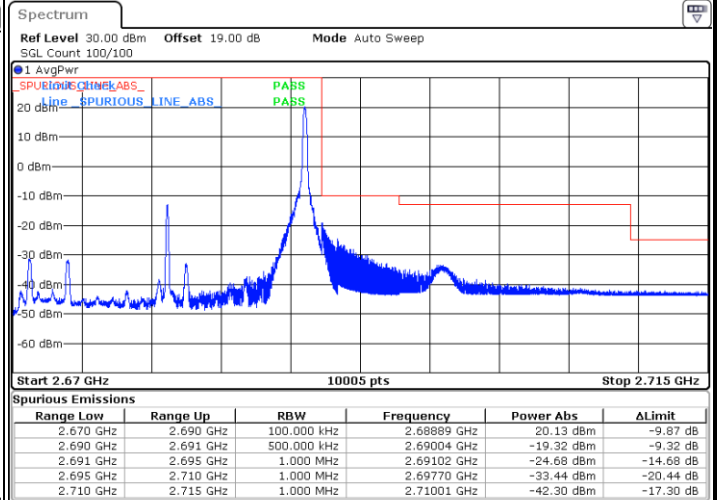


LTE Band 41 / 20MHz / QPSK

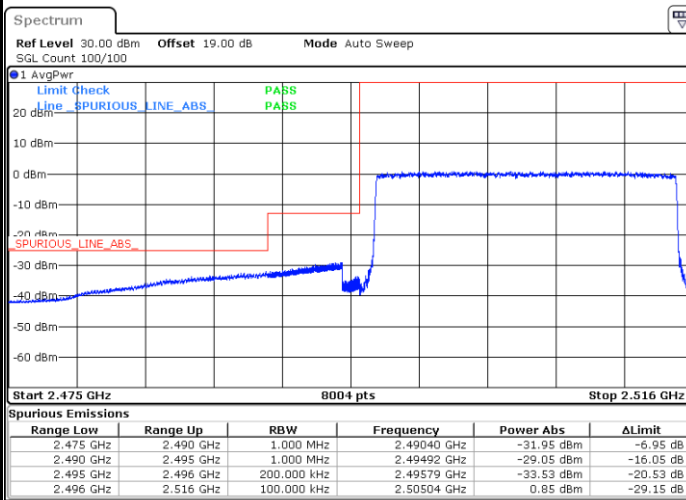
Lowest Band Edge / 1 RB



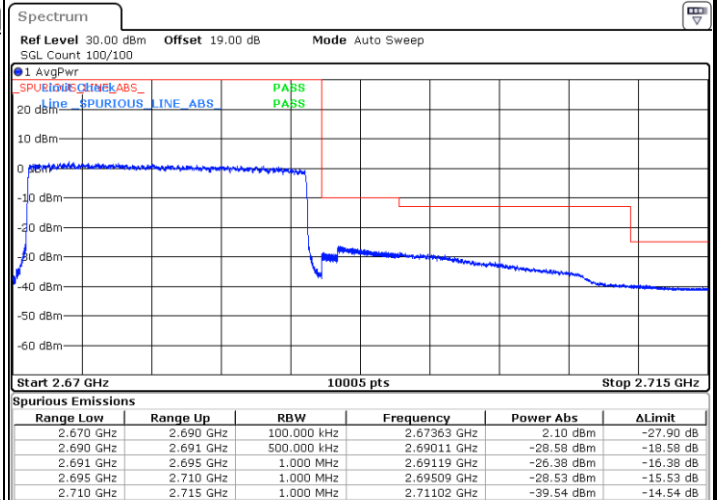
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



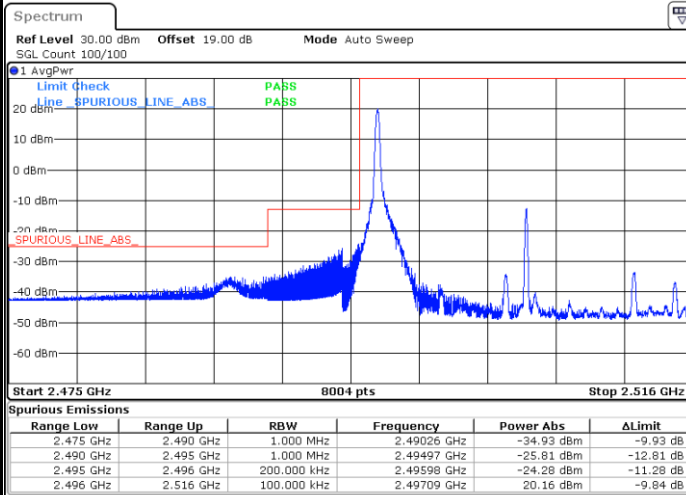
Highest Band Edge / Full RB





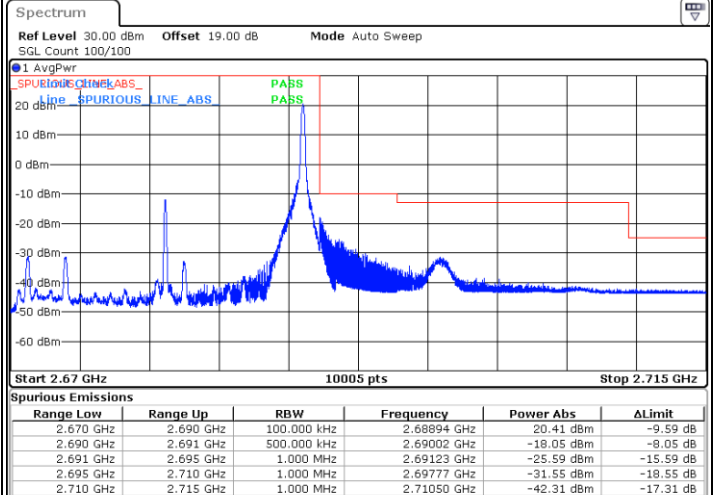
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



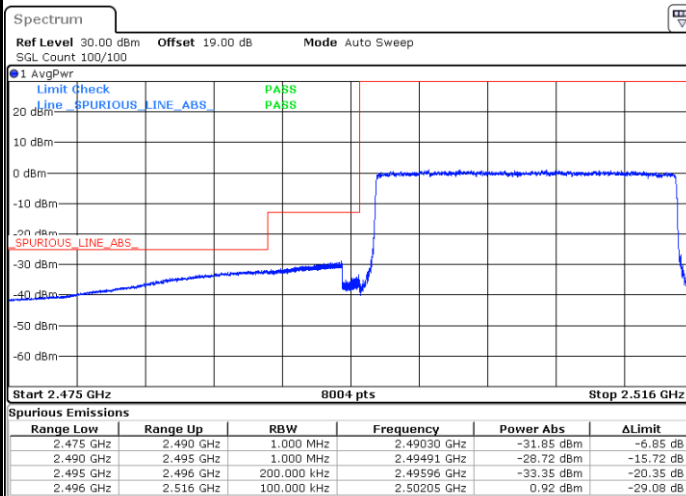
Date: 19 JUN 2025 23:15:29

Highest Band Edge / 1 RB



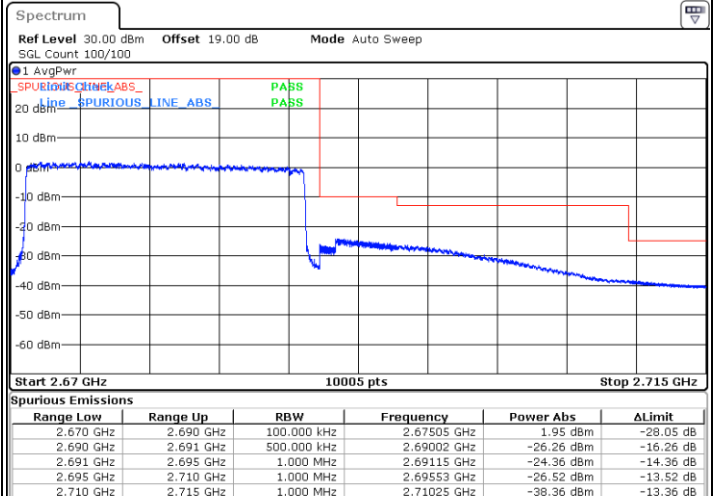
Date: 19 JUN 2025 23:24:03

Lowest Band Edge / Full RB



Date: 19 JUN 2025 23:18:06

Highest Band Edge / Full RB

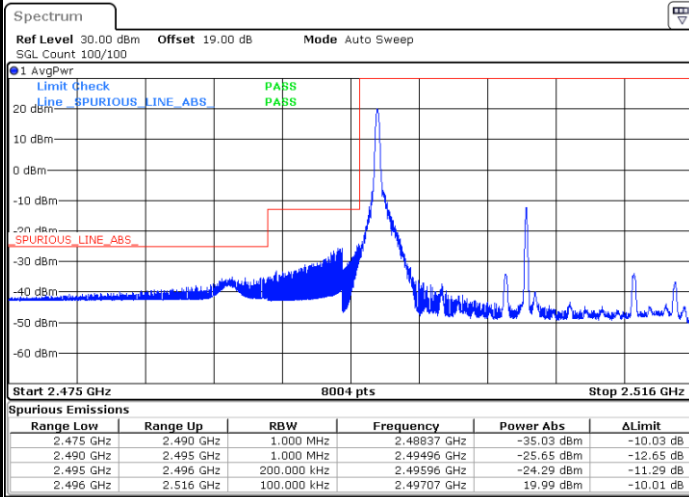


Date: 19 JUN 2025 23:21:09



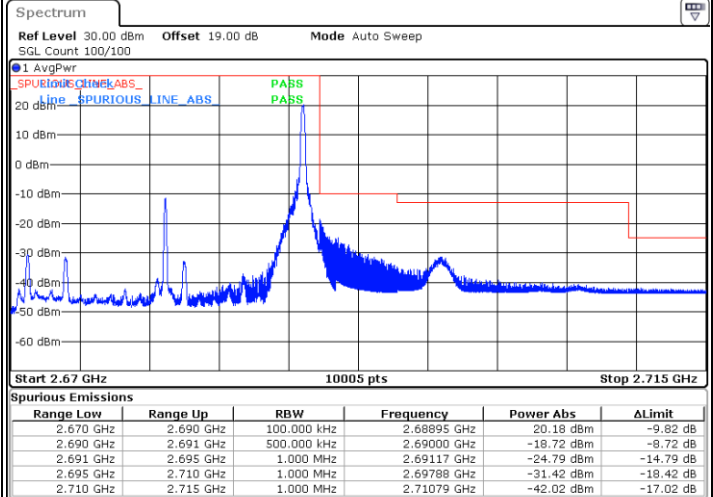
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



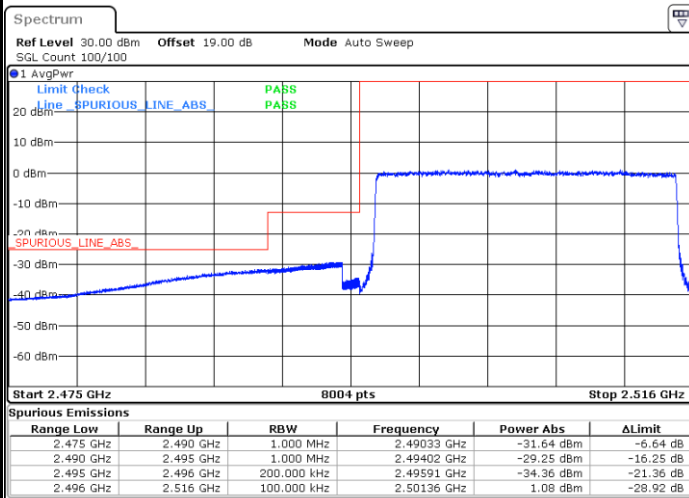
Date: 19.JUN.2025 23:16:16

Highest Band Edge / 1 RB



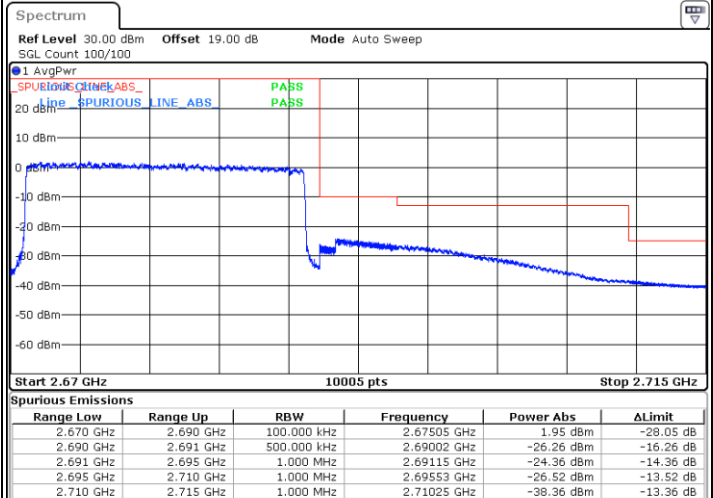
Date: 19.JUN.2025 23:23:04

Lowest Band Edge / Full RB



Date: 19.JUN.2025 23:17:18

Highest Band Edge / Full RB



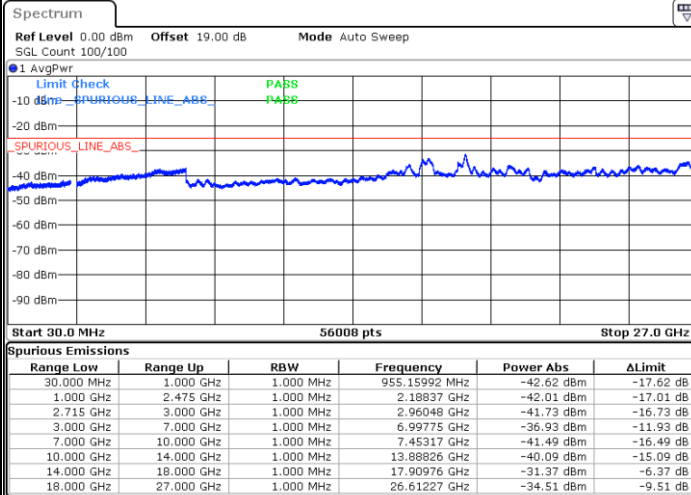
Date: 19.JUN.2025 23:21:09



Conducted Spurious Emission

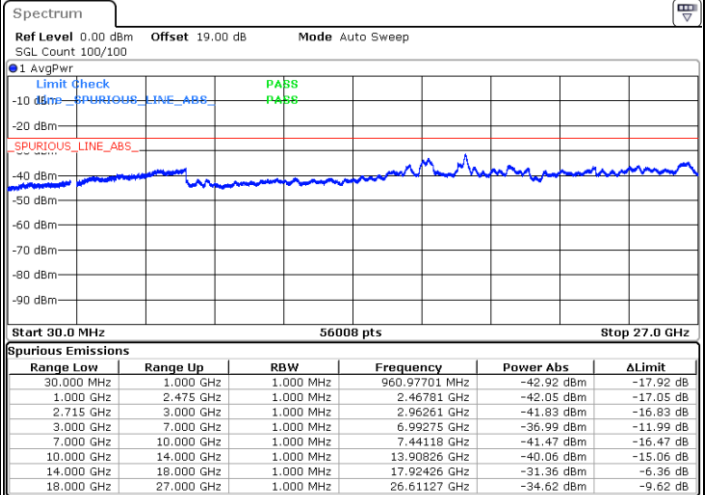
LTE Band 41 / 5MHz

Lowest Channel / QPSK



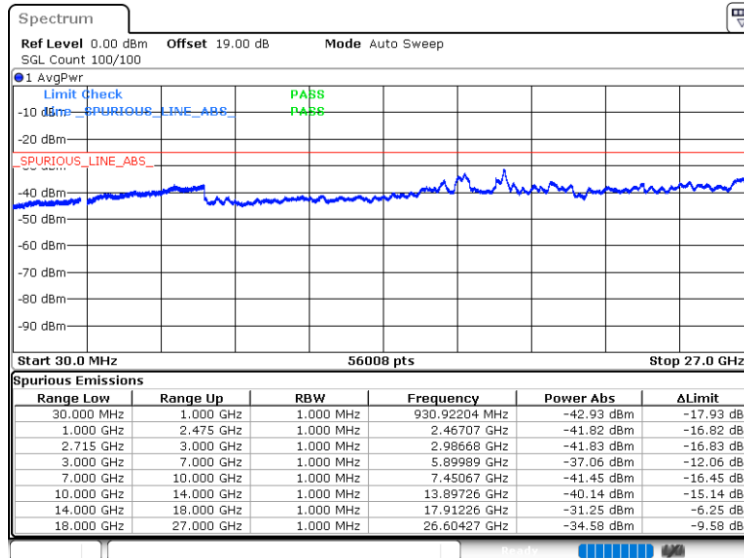
Date: 19.JUN.2025 22:03:04

Middle Channel / QPSK



Date: 19.JUN.2025 22:12:46

Highest Channel / QPSK

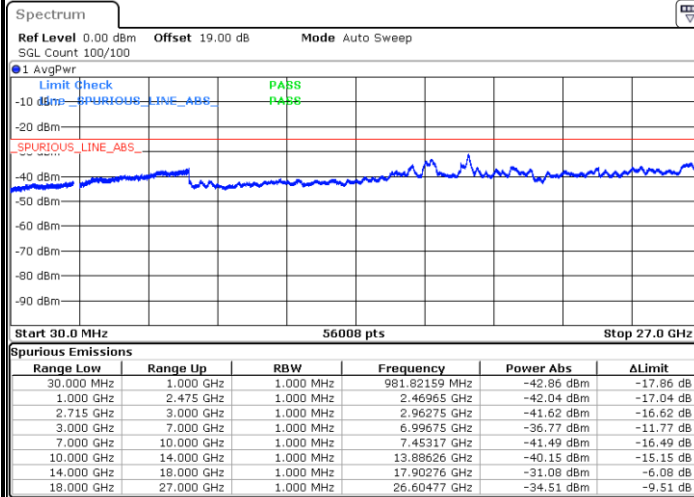


Date: 19.JUN.2025 22:24:17



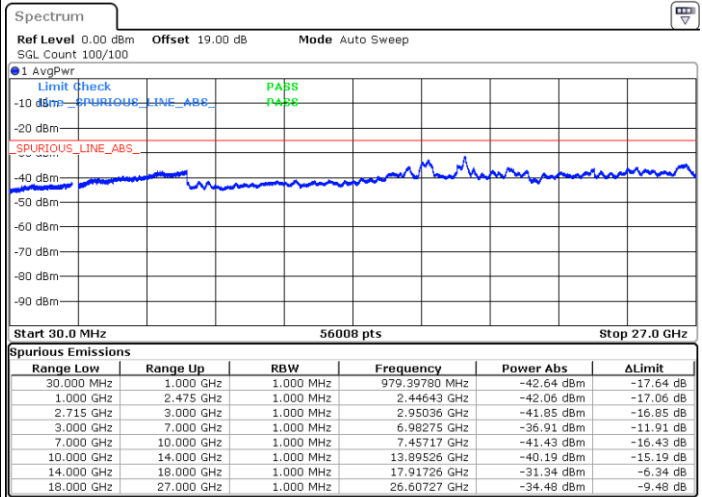
LTE Band 41 / 10MHz

Lowest Channel / QPSK



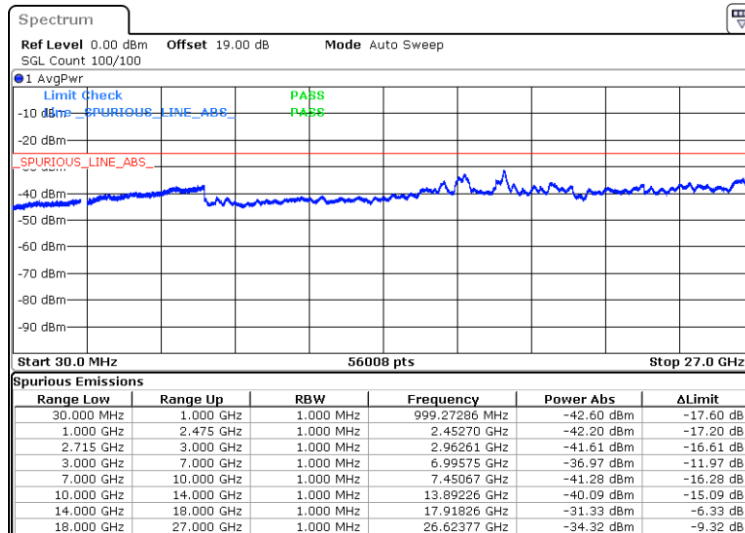
Date: 19 JUN 2025 22:31:33

Middle Channel / QPSK



Date: 19 JUN 2025 22:29:08

Highest Channel / QPSK

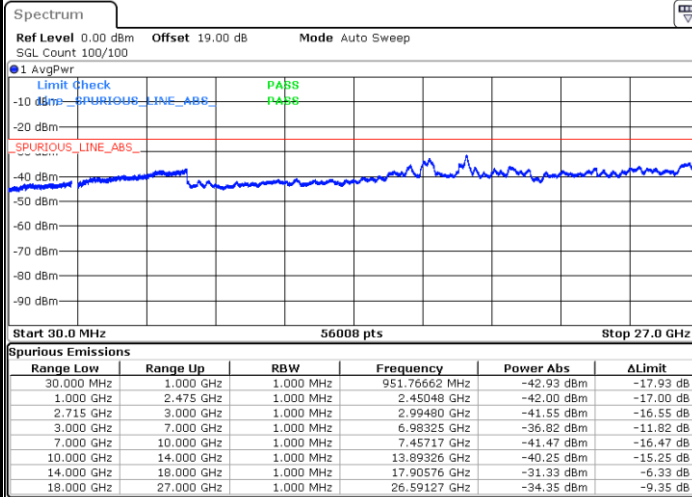


Date: 19 JUN 2025 22:44:49



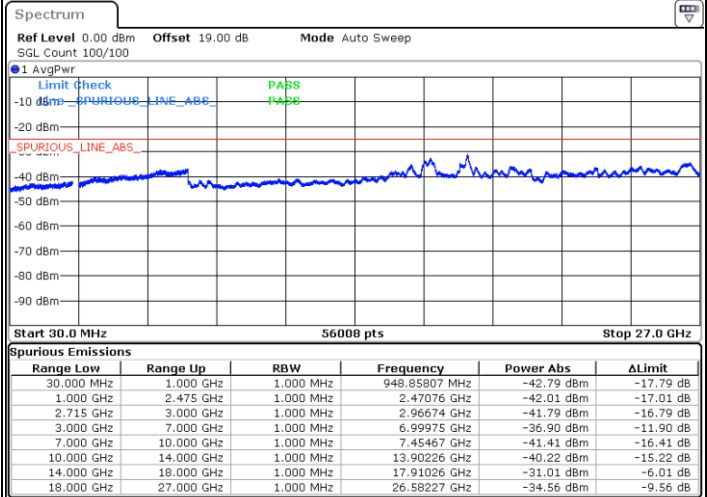
LTE Band 41 / 15MHz

Lowest Channel / QPSK



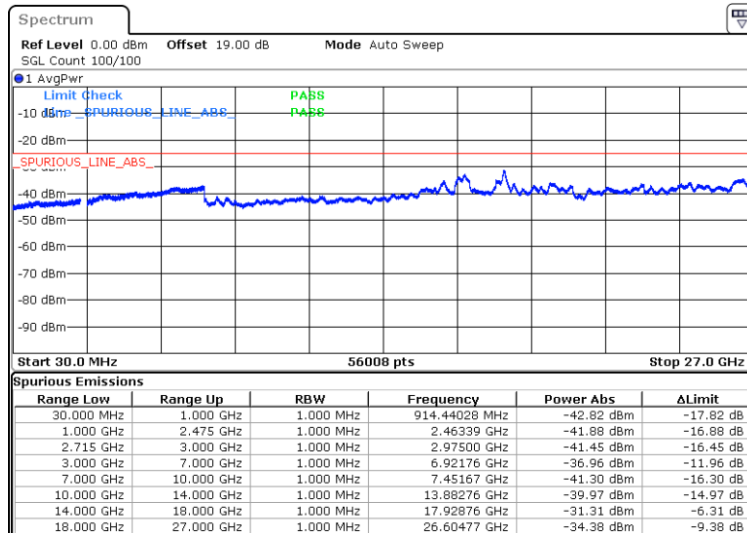
Date: 19.JUN.2025 22:51:45

Middle Channel / QPSK



Date: 19.JUN.2025 22:49:45

Highest Channel / QPSK

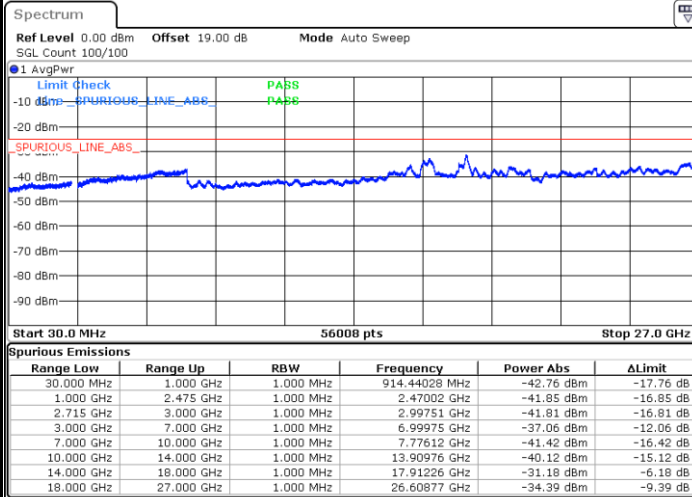


Date: 19.JUN.2025 23:04:02



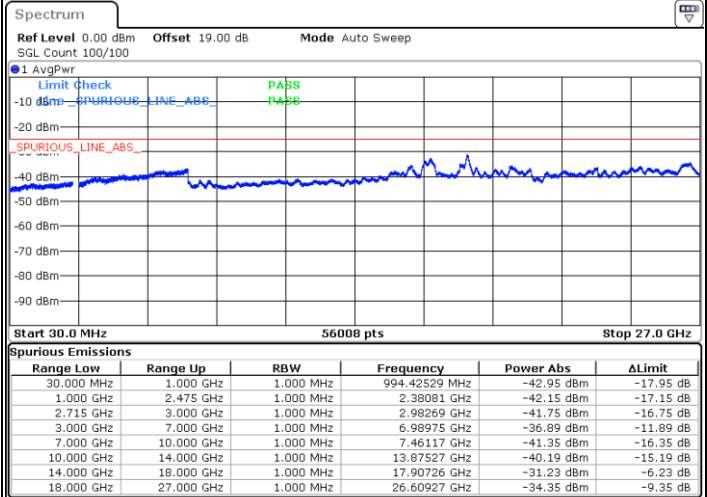
LTE Band 41 / 20MHz

Lowest Channel / QPSK



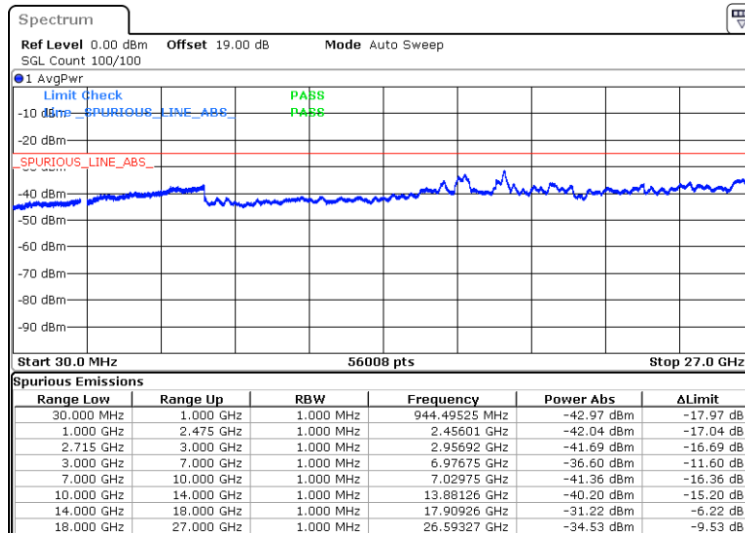
Date: 19 JUN 2025 23:11:32

Middle Channel / QPSK



Date: 19 JUN 2025 23:09:27

Highest Channel / QPSK



Date: 19 JUN 2025 23:25:54

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	2.5	PASS
40	Normal Voltage	-3.2	
30	Normal Voltage	4	
20(Ref.)	Normal Voltage	3.3	
10	Normal Voltage	1.3	
0	Normal Voltage	3.4	
-10	Normal Voltage	1.6	
-20	Normal Voltage	1.8	
-30	Normal Voltage	2.4	
20	Maximum Voltage	2.6	
20	Normal Voltage	3.3	
20	Battery End Point	2.2	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 4\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.252196	$\geq 2500\text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2689.757704	$\leq 2690\text{ MHz}$	



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Liangping Zhou	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: For RSE, the other PA test results of LTE B7/38/41 were shown in another 5G NR test report.

LTE Band 7 / 20MHz / QPSK/ ANT3									
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	5002.00	-59.27	-25	-34.27	-81.16	-64.83	7.12	12.68	H
	7503.00	-54.64	-25	-29.64	-80.50	-57.97	8.26	11.59	H
	10004.00	-51.06	-25	-26.06	-81.29	-52.59	10.45	11.98	H
	5002.00	-59.23	-25	-34.23	-81.17	-64.79	7.12	12.68	V
	7503.00	-54.71	-25	-29.71	-80.56	-58.04	8.26	11.59	V
	10004.00	-52.84	-25	-27.84	-81.44	-54.37	10.45	11.98	V
Middle	5052.00	-58.96	-25	-33.96	-80.76	-64.52	7.14	12.70	H
	7578.00	-54.51	-25	-29.51	-80.23	-57.81	8.30	11.60	H
	10104.00	-50.72	-25	-25.72	-80.89	-52.24	10.48	12.00	H
	5052.00	-59.24	-25	-34.24	-81.16	-64.80	7.14	12.70	V
	7578.00	-54.56	-25	-29.56	-80.24	-57.86	8.30	11.60	V
	10104.00	-51.58	-25	-26.58	-80.35	-53.10	10.48	12.00	V
Highest	5102.00	-58.97	-25	-33.97	-80.68	-64.53	7.16	12.72	H
	7653.00	-54.24	-25	-29.24	-80.02	-57.54	8.33	11.63	H
	10204.00	-50.85	-25	-25.85	-80.96	-52.45	10.50	12.10	H
	5102.00	-58.73	-25	-33.73	-80.62	-64.29	7.16	12.72	V
	7653.00	-53.88	-25	-28.88	-79.58	-57.18	8.33	11.63	V
	10204.00	-50.92	-25	-25.92	-79.82	-52.52	10.50	12.10	V

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



LTE Band 38 / 20MHz / QPSK/ ANT3									
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	5142.00	-59.17	-25	-34.17	-80.78	-64.73	7.12	12.68	H
	7713.00	-54.41	-25	-29.41	-80.33	-57.74	8.26	11.59	H
	10284.00	-50.93	-25	-25.93	-80.99	-52.46	10.45	11.98	H
	5142.00	-58.79	-25	-33.79	-80.65	-64.35	7.12	12.68	V
	7713.00	-54.63	-25	-29.63	-80.43	-57.96	8.26	11.59	V
	10284.00	-52.08	-25	-27.08	-81.12	-53.61	10.45	11.98	V
Middle	5172.00	-59.48	-25	-34.48	-81.08	-65.04	7.14	12.70	H
	7758.00	-54.49	-25	-29.49	-80.52	-57.79	8.30	11.60	H
	10344.00	-50.71	-25	-25.71	-80.74	-52.23	10.48	12.00	H
	5172.00	-58.43	-25	-33.43	-80.3	-63.99	7.14	12.70	V
	7758.00	-54.11	-25	-29.11	-79.98	-57.41	8.30	11.60	V
	10344.00	-51.54	-25	-26.54	-80.7	-53.06	10.48	12.00	V
Highest	5202.00	-59.52	-25	-34.52	-81.06	-65.08	7.16	12.72	H
	7803.00	-54.37	-25	-29.37	-80.46	-57.67	8.33	11.63	H
	10404.00	-51.18	-25	-26.18	-81.17	-52.78	10.50	12.10	H
	5202.00	-59.55	-25	-34.55	-81.4	-65.11	7.16	12.72	V
	7803.00	-54.36	-25	-29.36	-80.27	-57.66	8.33	11.63	V
	10404.00	-51.81	-25	-26.81	-81.04	-53.41	10.50	12.10	V

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

LTE Band 41 / 20MHz / QPSK/ ANT3									
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	4994.00	-59.29	-25	-34.29	-81.18	-64.85	7.12	12.68	H
	7491.00	-46.45	-25	-21.45	-72.35	-49.78	8.26	11.59	H
	9988.00	-51.06	-25	-26.06	-81.34	-52.59	10.45	11.98	H
	4994.00	-57.97	-25	-32.97	-79.91	-63.53	7.12	12.68	V
	7491.00	-50.65	-25	-25.65	-76.54	-53.98	8.26	11.59	V
	9988.00	-53.11	-25	-28.11	-81.72	-54.64	10.45	11.98	V
Middle	5168.00	-59.16	-25	-34.16	-80.74	-64.72	7.14	12.70	H
	7752.00	-44.64	-25	-19.64	-70.63	-47.94	8.30	11.60	H
	10336.00	-50.39	-25	-25.39	-80.42	-51.91	10.48	12.00	H
	5168.00	-59.08	-25	-34.08	-80.93	-64.64	7.14	12.70	V
	7752.00	-48.52	-25	-23.52	-74.36	-51.82	8.30	11.60	V
	10336.00	-51.13	-25	-26.13	-80.25	-52.65	10.48	12.00	V
Highest	5342.00	-60.47	-25	-35.47	-81.93	-66.03	7.16	12.72	H
	8013.00	-52.64	-25	-27.64	-80.34	-55.94	8.33	11.63	H
	10684.00	-50.77	-25	-25.77	-81.15	-52.37	10.50	12.10	H
	5342.00	-60.53	-25	-35.53	-82.14	-66.09	7.16	12.72	V
	8013.00	-52.87	-25	-27.87	-80.29	-56.17	8.33	11.63	V
	10684.00	-51.01	-25	-26.01	-80.94	-52.61	10.50	12.10	V

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



LTE CA_7C / 20MHz+20MHz / QPSK / ANT3									
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	-59.40	-25	-34.40	-81.19	-64.96	7.12	12.68	H
	7559.70	-54.90	-25	-29.90	-80.65	-58.23	8.26	11.59	H
	10079.60	-51.45	-25	-26.45	-81.64	-52.98	10.45	11.98	H
	5039.80	-58.94	-25	-33.94	-80.85	-64.50	7.12	12.68	V
	7559.70	-54.76	-25	-29.76	-80.48	-58.09	8.26	11.59	V
	10079.60	-53.06	-25	-28.06	-81.77	-54.59	10.45	11.98	V
Middle	5070.00	-59.13	-25	-34.13	-80.91	-64.69	7.14	12.70	H
	7605.00	-54.75	-25	-29.75	-80.47	-58.05	8.30	11.60	H
	10140.00	-50.61	-25	-25.61	-80.76	-52.13	10.48	12.00	H
	5070.00	-58.62	-25	-33.62	-80.54	-64.18	7.14	12.70	V
	7605.00	-55.01	-25	-30.01	-80.67	-58.31	8.30	11.60	V
	10140.00	-52.18	-25	-27.18	-81	-53.70	10.48	12.00	V
Highest	5100.20	-59.23	-25	-34.23	-80.94	-64.79	7.16	12.72	H
	7650.30	-54.40	-25	-29.40	-80.18	-57.70	8.33	11.63	H
	10200.30	-50.76	-25	-25.76	-80.87	-52.36	10.50	12.10	H
	5100.20	-58.97	-25	-33.97	-80.86	-64.53	7.16	12.72	V
	7650.30	-54.63	-25	-29.63	-80.33	-57.93	8.33	11.63	V
	10200.30	-52.20	-25	-27.20	-81.1	-53.80	10.50	12.10	V

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

LTE CA_38C / 20MHz+20MHz / QPSK / ANT3									
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	5179.80	-59.53	-25	-34.53	-81.09	-65.09	7.12	12.68	H
	7769.70	-54.32	-25	-29.32	-80.35	-57.65	8.26	11.59	H
	10359.60	-51.24	-25	-26.24	-81.26	-52.77	10.45	11.98	H
	5179.80	-58.64	-25	-33.64	-80.49	-64.20	7.12	12.68	V
	7769.70	-54.81	-25	-29.81	-80.68	-58.14	8.26	11.59	V
	10359.60	-51.81	-25	-26.81	-81	-53.34	10.45	11.98	V
Middle	5190.00	-59.19	-25	-34.19	-80.75	-64.75	7.14	12.70	H
	7785.00	-54.62	-25	-29.62	-80.67	-57.92	8.30	11.60	H
	10380.00	-51.29	-25	-26.29	-81.30	-52.81	10.48	12.00	H
	5190.00	-59.17	-25	-34.17	-81.02	-64.73	7.14	12.70	V
	7785.00	-54.44	-25	-29.44	-80.32	-57.74	8.30	11.60	V
	10380.00	-51.69	-25	-26.69	-80.9	-53.21	10.48	12.00	V
Highest	5200.20	-59.57	-25	-34.57	-81.11	-65.13	7.16	12.72	H
	7800.30	-54.64	-25	-29.64	-80.73	-57.94	8.33	11.63	H
	10400.40	-51.11	-25	-26.11	-81.10	-52.71	10.50	12.10	H
	5200.20	-58.91	-25	-33.91	-80.76	-64.47	7.16	12.72	V
	7800.30	-54.87	-25	-29.87	-80.78	-58.17	8.33	11.63	V
	10400.40	-52.06	-25	-27.06	-81.29	-53.66	10.50	12.10	V

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



LTE CA_41C / 20MHz+20MHz / QPSK /ANT3									
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	-59.37	-25	-34.37	-81.16	-64.93	7.12	12.68	H
	7559.70	-54.91	-25	-29.91	-80.66	-58.24	8.26	11.59	H
	10079.60	-50.90	-25	-25.90	-81.09	-52.43	10.45	11.98	H
	5039.80	-59.07	-25	-34.07	-80.98	-64.63	7.12	12.68	V
	7559.70	-54.64	-25	-29.64	-80.36	-57.97	8.26	11.59	V
	10079.60	-52.57	-25	-27.57	-81.28	-54.10	10.45	11.98	V
Middle	5186.00	-59.53	-25	-34.53	-81.09	-65.09	7.14	12.70	H
	7779.00	-54.00	-25	-29.00	-80.05	-57.30	8.30	11.60	H
	10372.00	-50.49	-25	-25.49	-80.50	-52.01	10.48	12.00	H
	5186.00	-58.42	-25	-33.42	-80.27	-63.98	7.14	12.70	V
	7779.00	-54.36	-25	-29.36	-80.24	-57.66	8.30	11.60	V
	10372.00	-51.97	-25	-26.97	-81.15	-53.49	10.48	12.00	V
Highest	5340.20	-60.23	-25	-35.23	-81.69	-65.79	7.16	12.72	H
	8010.30	-53.18	-25	-28.18	-80.94	-56.48	8.33	11.63	H
	10680.40	-51.10	-25	-26.10	-81.44	-52.70	10.50	12.10	H
	5340.20	-59.31	-25	-34.31	-80.92	-64.87	7.16	12.72	V
	8010.30	-53.55	-25	-28.55	-81.05	-56.85	8.33	11.63	V
	10680.40	-51.27	-25	-26.27	-81.16	-52.87	10.50	12.10	V

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