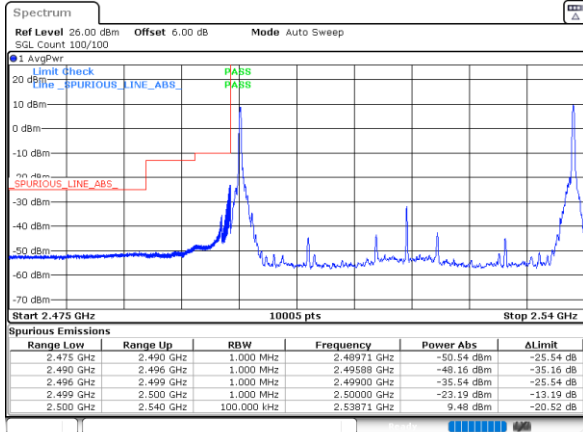




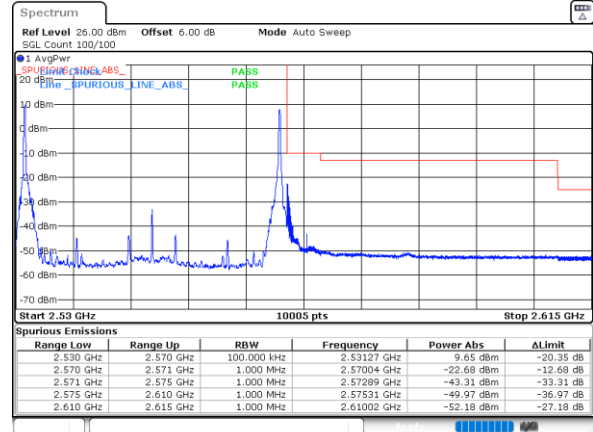
LTE Band 7 / 20MHz+20MHz

64QAM

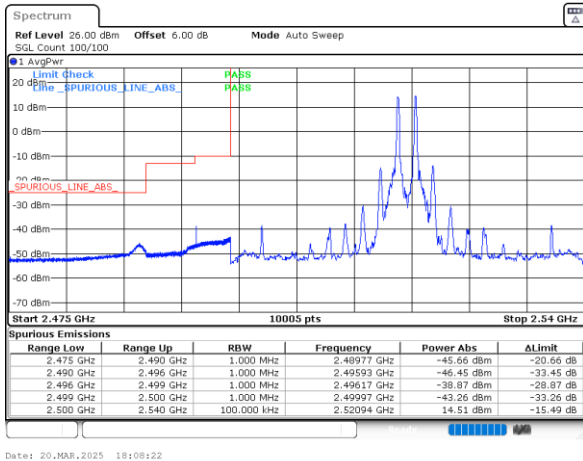
Lowest Band Edge / 1RB0 and 1RB99



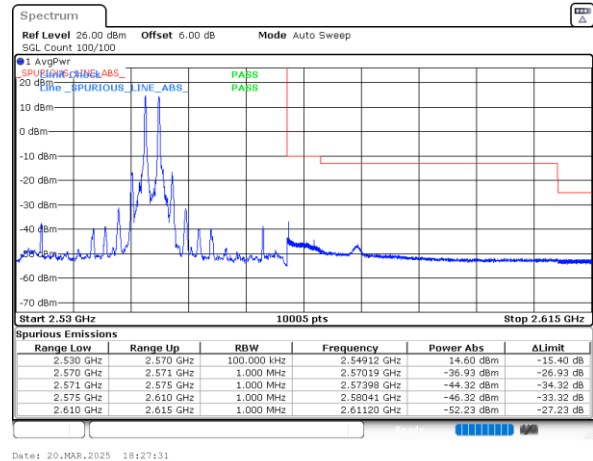
Highest Band Edge / 1RB0 and 1RB99



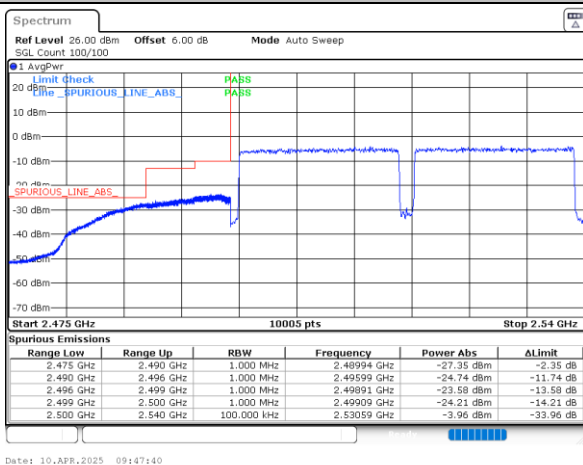
Lowest Band Edge / 1RB99 and 1RB0



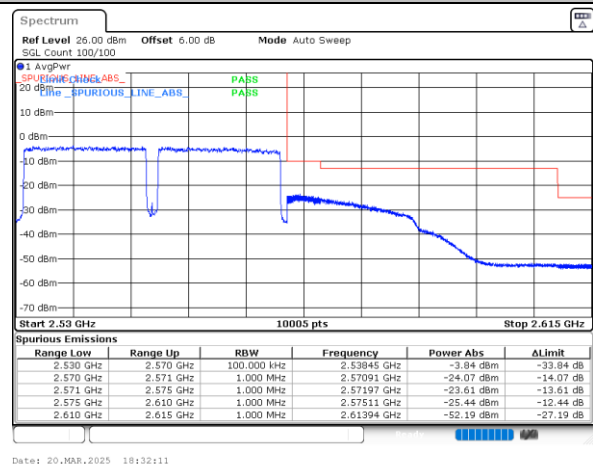
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

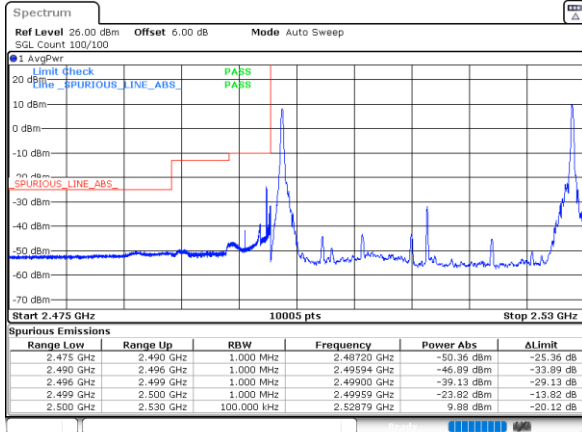




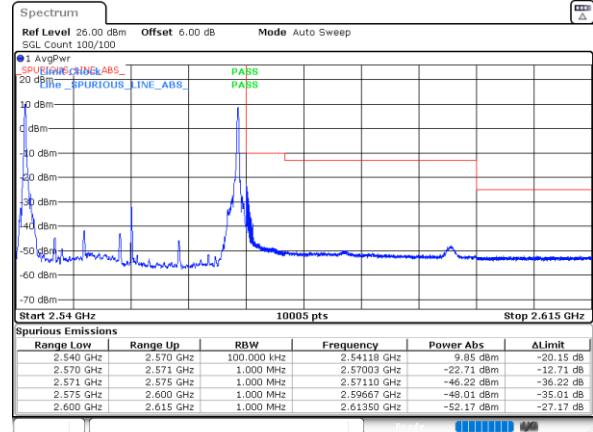
LTE Band 7 / 10MHz+20MHz

256QAM

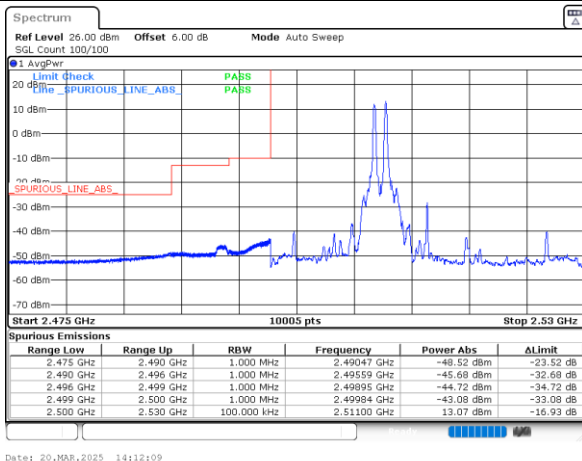
Lowest Band Edge / 1RB0 and 1RB99



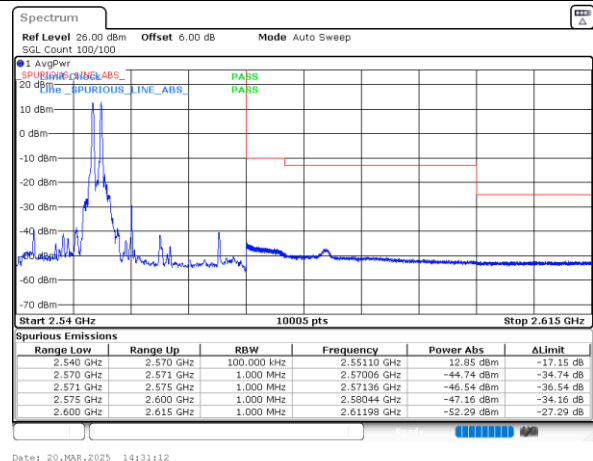
Highest Band Edge / 1RB0 and 1RB99



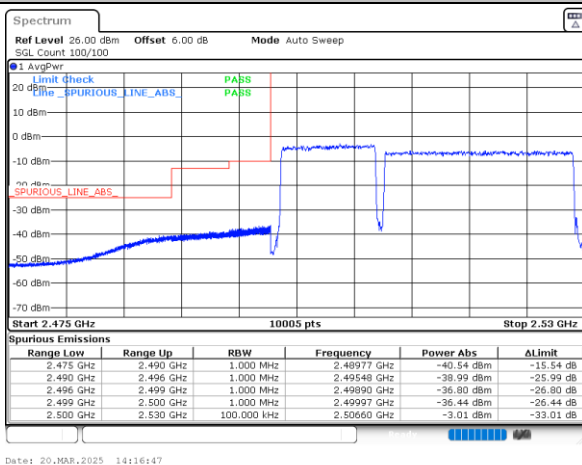
Lowest Band Edge / 1RB49 and 1RB0



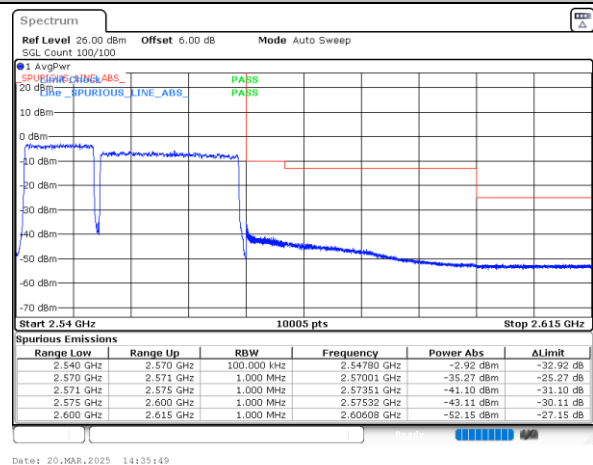
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

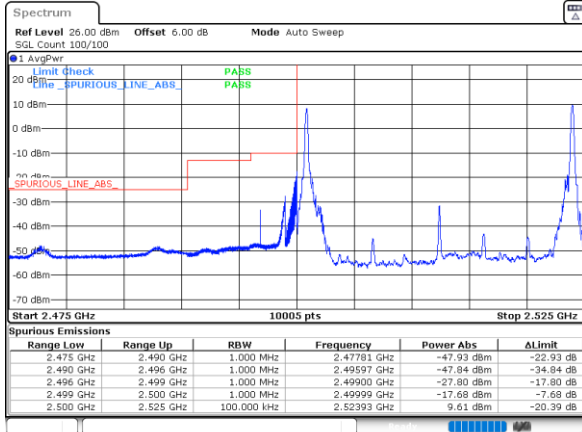




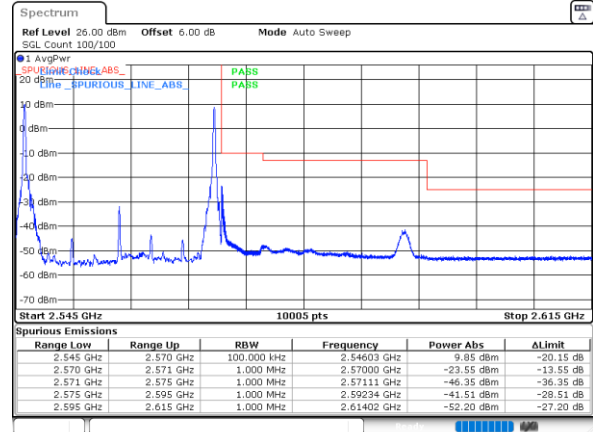
LTE Band 7 / 15MHz+10MHz

256QAM

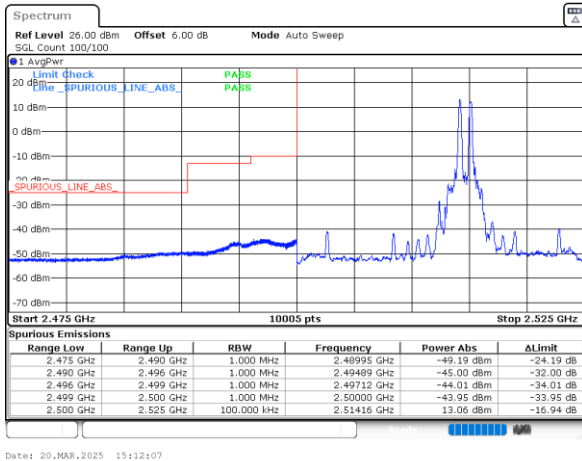
Lowest Band Edge / 1RB0 and 1RB49



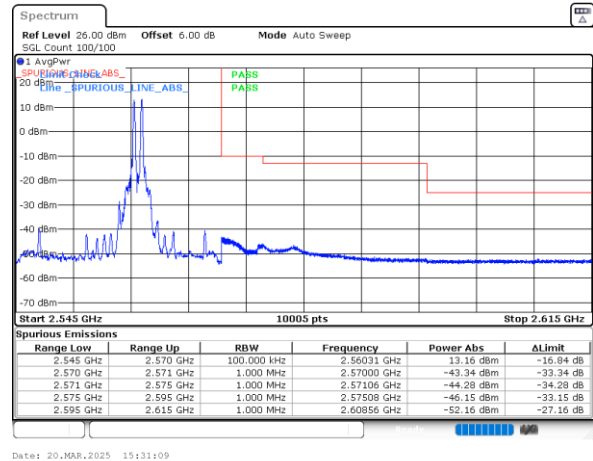
Highest Band Edge / 1RB0 and 1RB49



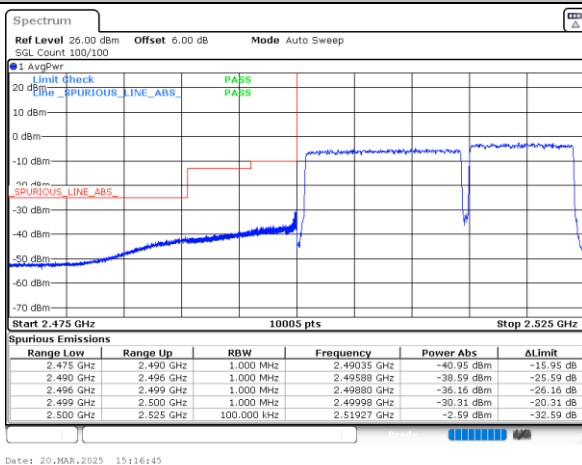
Lowest Band Edge / 1RB74 and 1RB0



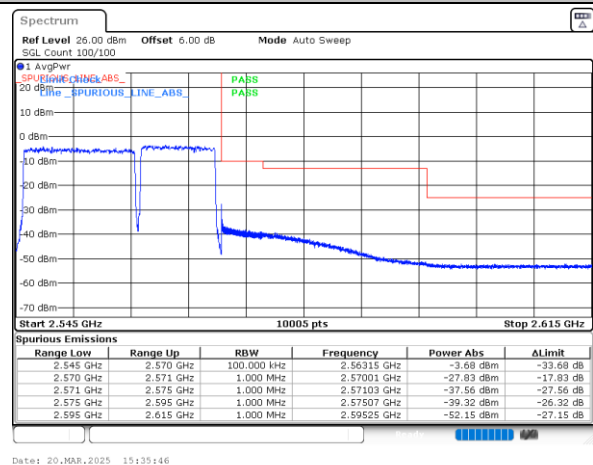
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

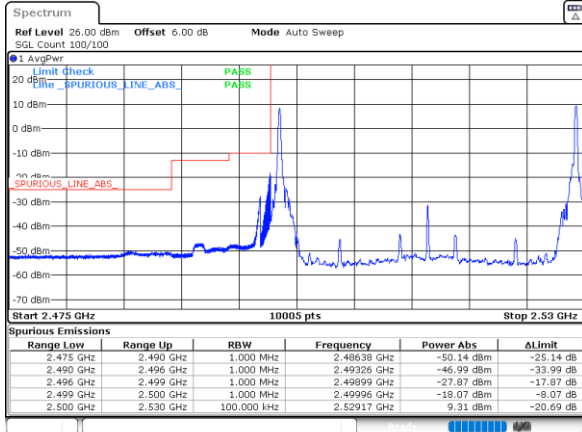




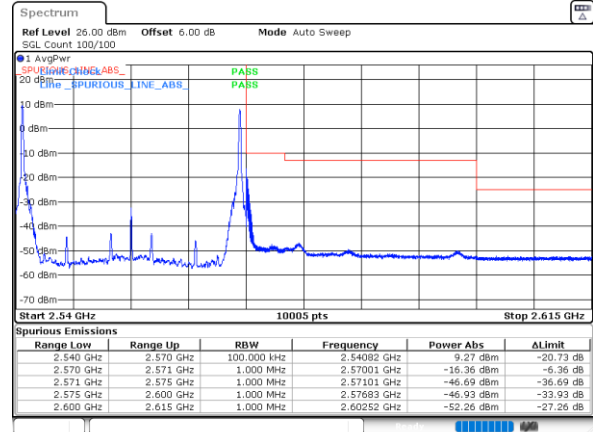
LTE Band 7 / 15MHz+15MHz

256QAM

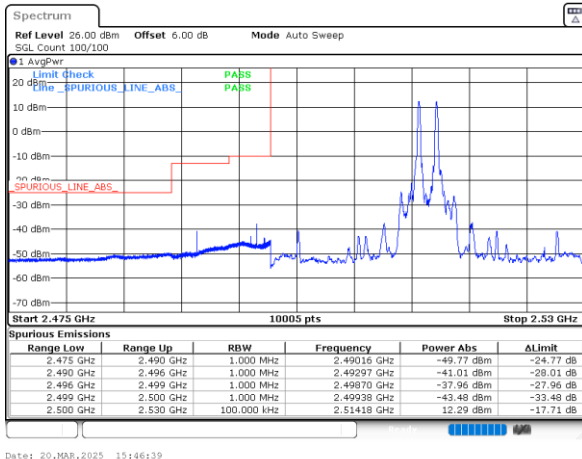
Lowest Band Edge / 1RB0 and 1RB74



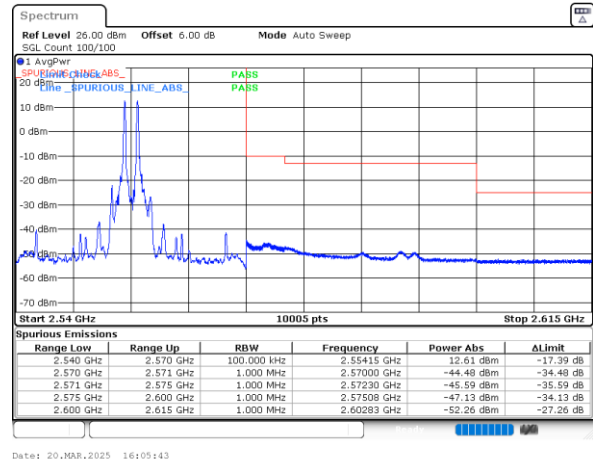
Highest Band Edge / 1RB0 and 1RB74



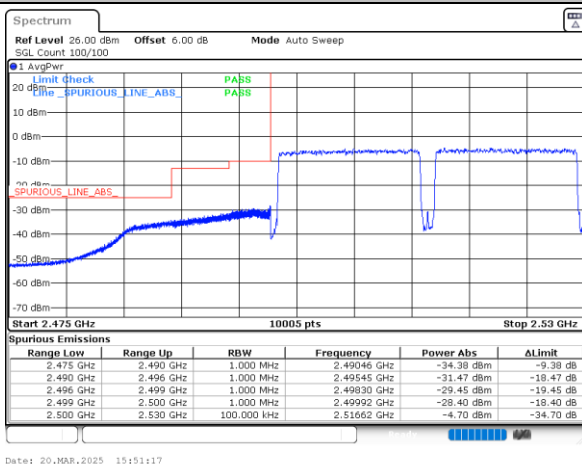
Lowest Band Edge / 1RB74 and 1RB0



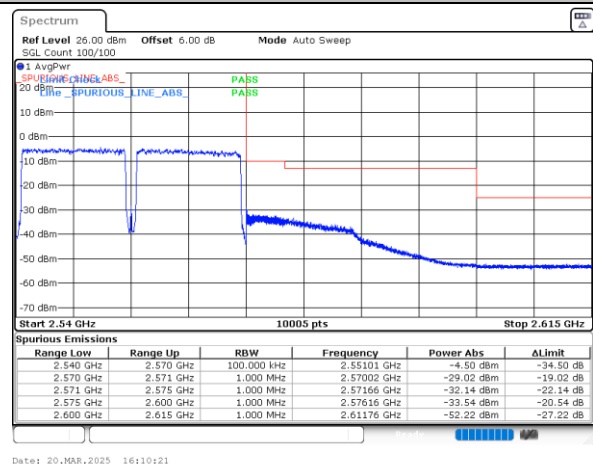
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

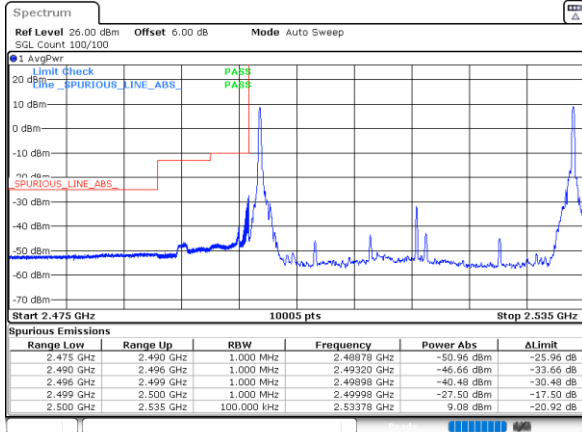




LTE Band 7 / 15MHz+20MHz

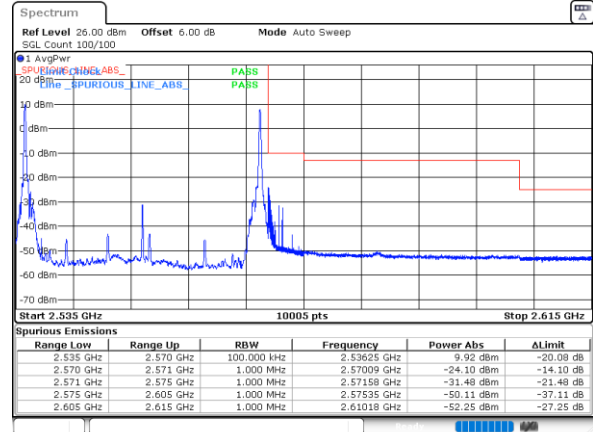
256QAM

Lowest Band Edge / 1RB0 and 1RB99



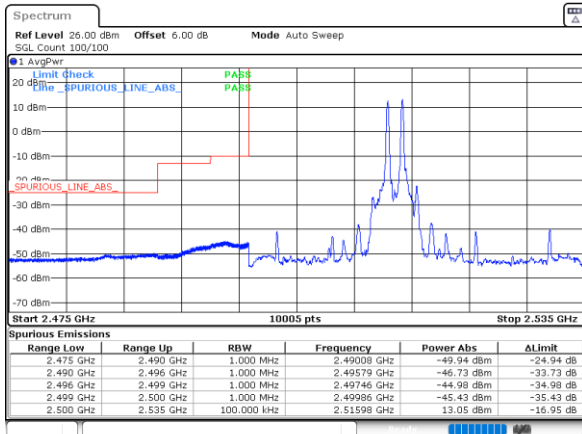
Date: 20.MAR.2025 16:20:15

Highest Band Edge / 1RB0 and 1RB99



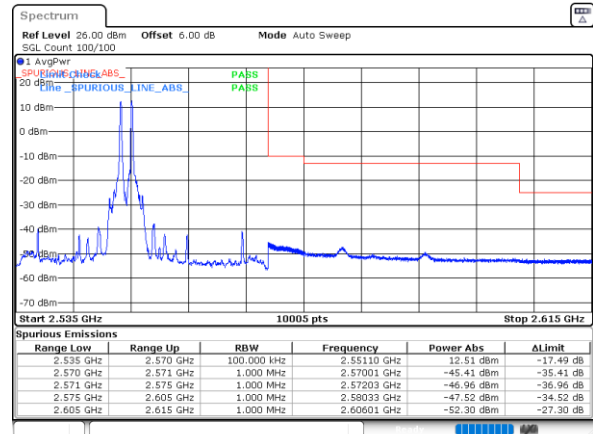
Date: 20.MAR.2025 16:19:21

Lowest Band Edge / 1RB74 and 1RB0



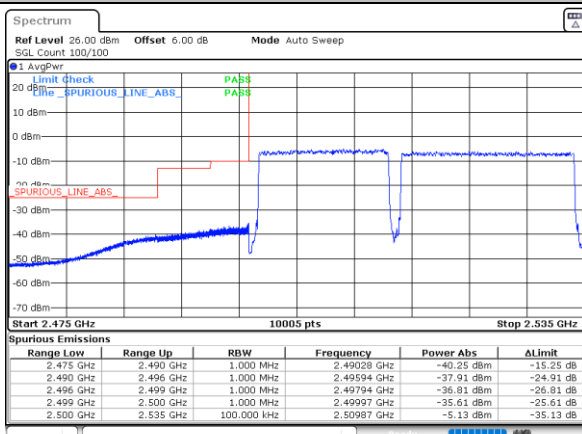
Date: 20.MAR.2025 16:24:54

Highest Band Edge / 1RB74 and 1RB0



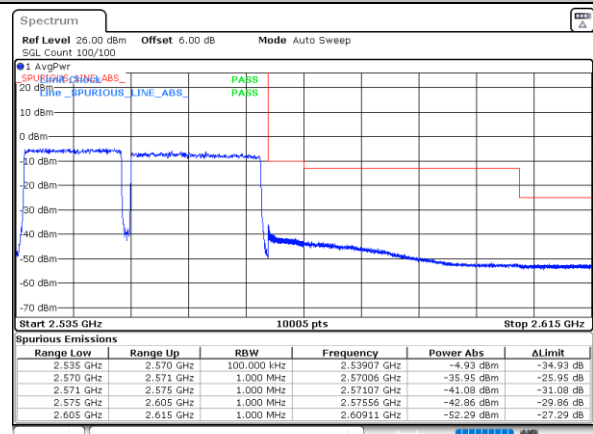
Date: 20.MAR.2025 16:13:59

Lowest Band Edge / Full RB



Date: 20.MAR.2025 16:29:33

Highest Band Edge / Full RB



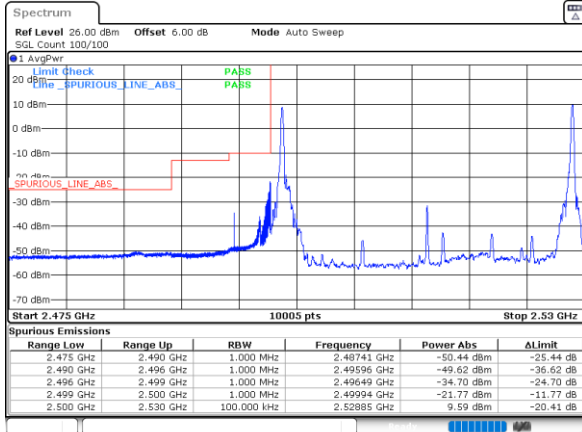
Date: 20.MAR.2025 16:48:37



LTE Band 7 / 20MHz+10MHz

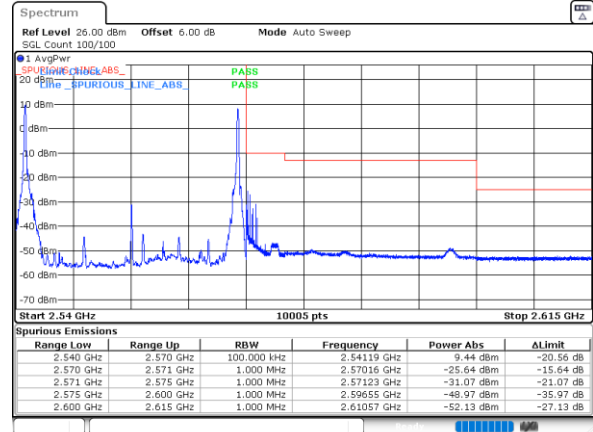
256QAM

Lowest Band Edge / 1RB0 and 1RB49



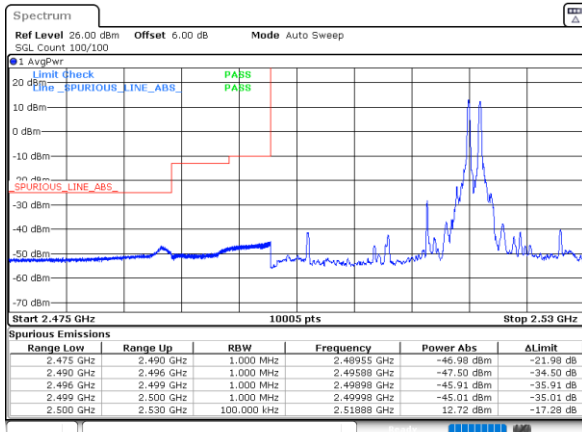
Date: 20.MAR.2025 16:55:14

Highest Band Edge / 1RB0 and 1RB49



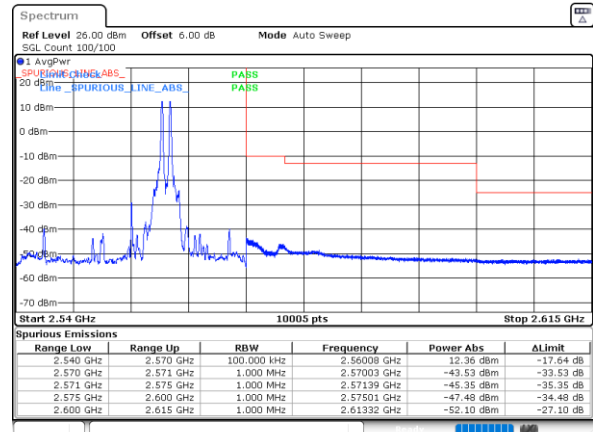
Date: 20.MAR.2025 17:14:38

Lowest Band Edge / 1RB99 and 1RB0



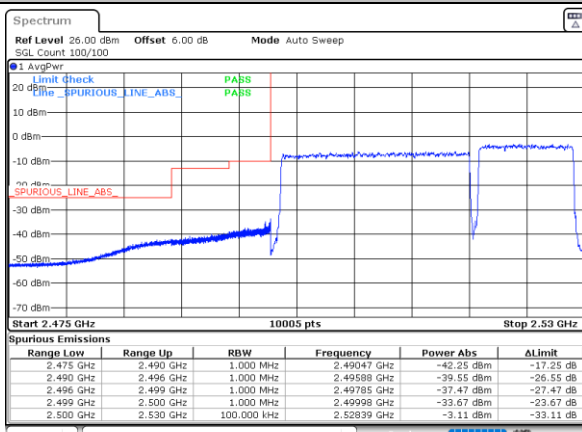
Date: 20.MAR.2025 17:00:13

Highest Band Edge / 1RB99 and 1RB0



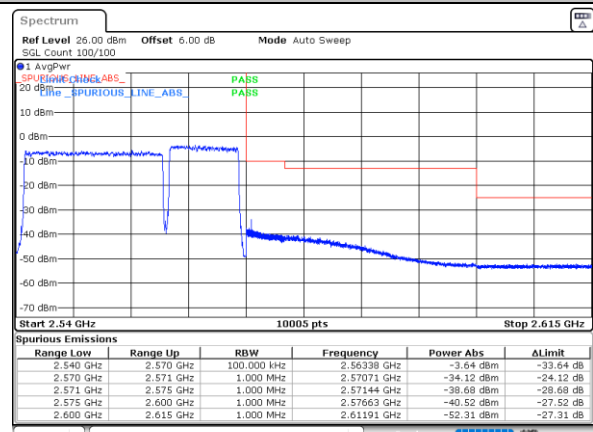
Date: 20.MAR.2025 17:19:16

Lowest Band Edge / Full RB



Date: 20.MAR.2025 17:04:52

Highest Band Edge / Full RB



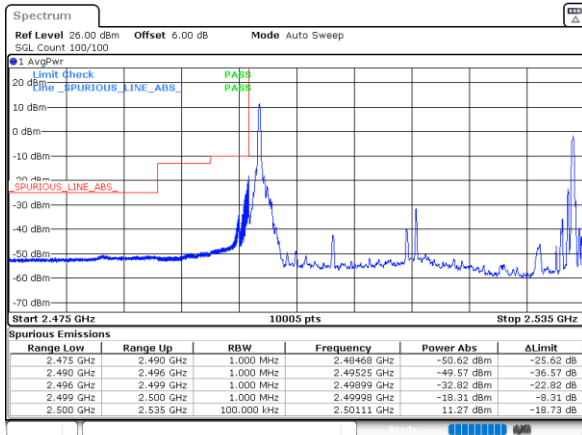
Date: 20.MAR.2025 17:23:55



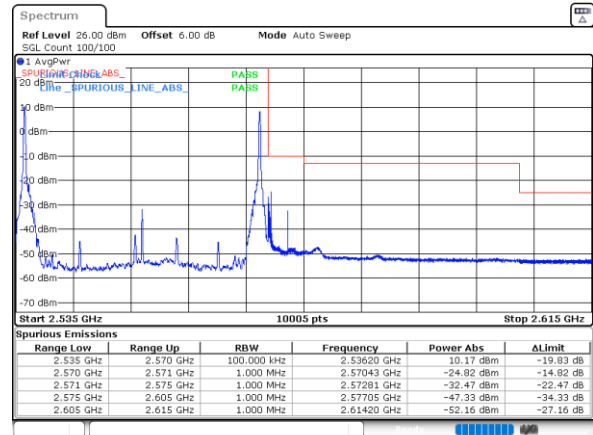
LTE Band 7 / 20MHz+15MHz

256QAM

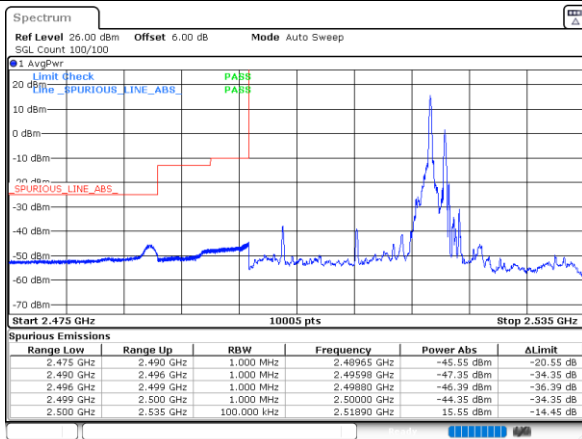
Lowest Band Edge / 1RB0 and 1RB74



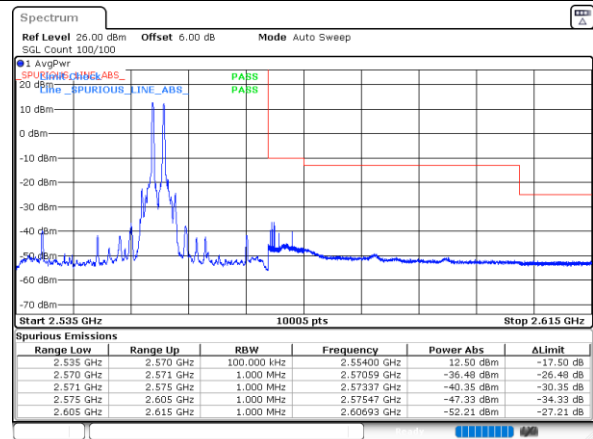
Highest Band Edge / 1RB0 and 1RB74



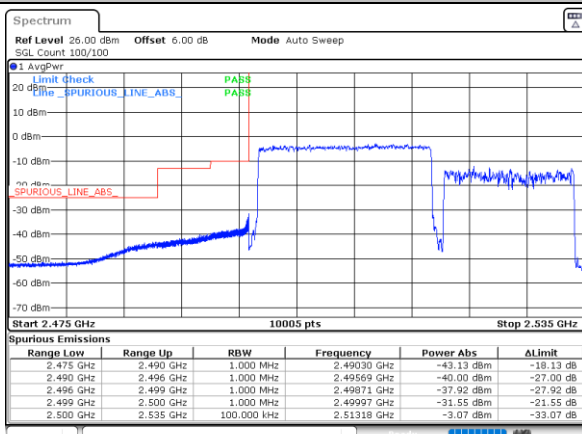
Lowest Band Edge / 1RB99 and 1RB0



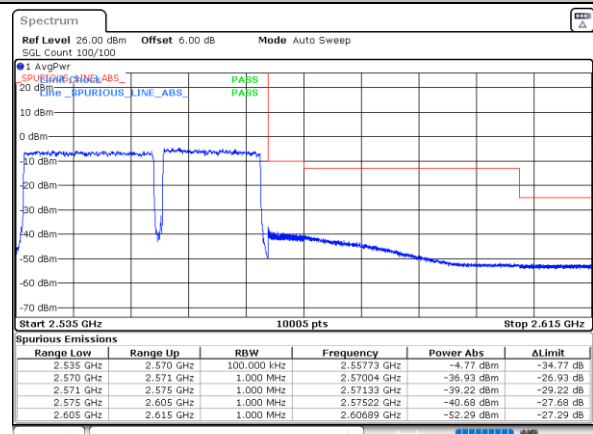
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Lowest Band Edge / 1RB0 and 1RB99



Date: 20.MAR.2025 18:24:01

Highest Band Edge / 1RB99 and 1RB0



Highest Band Edge / Full RB

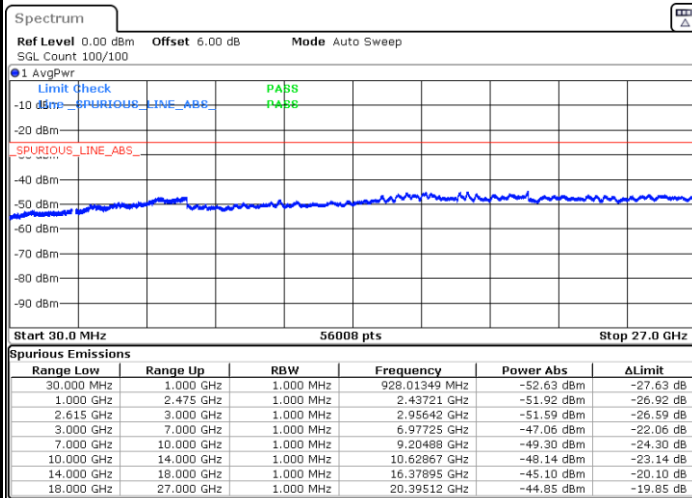




Conducted Spurious Emission

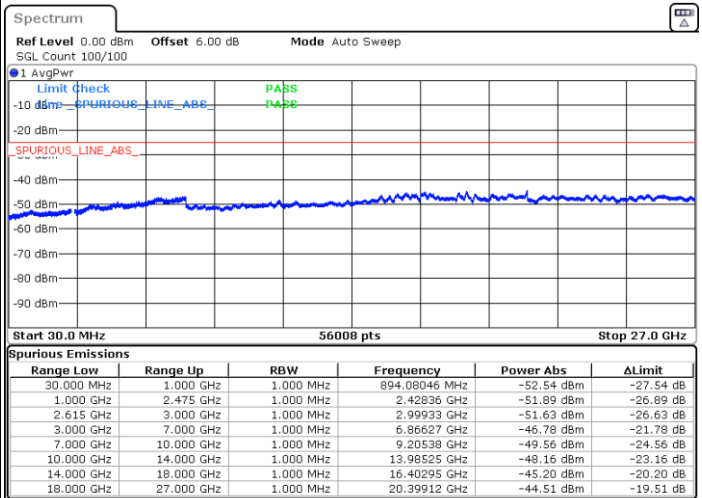
LTE Band 7 / 10MHz+20MHz

Lowest Channel / QPSK



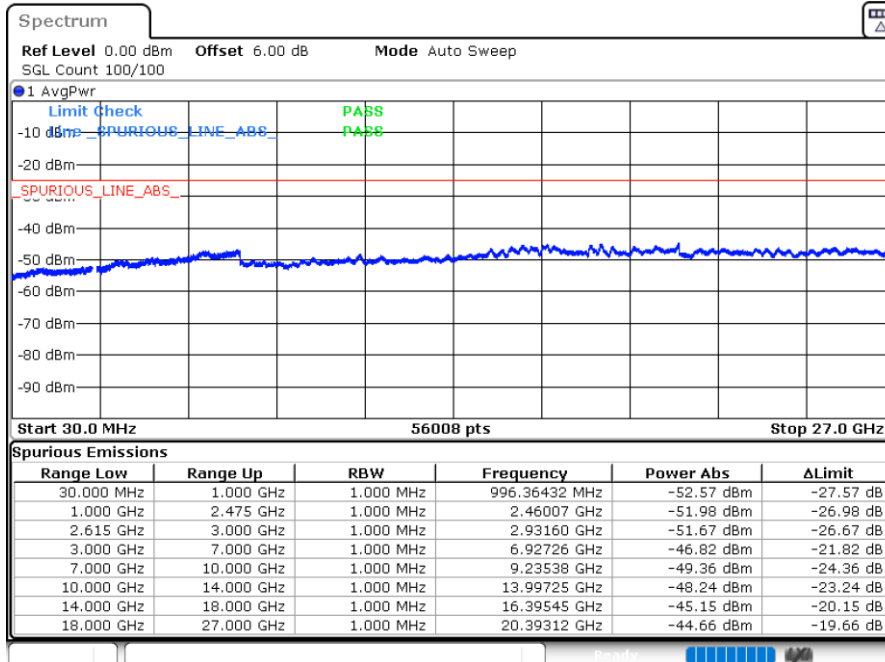
Date: 20.MAR.2025 14:02:52

Middle Channel / QPSK



Date: 20.MAR.2025 14:18:23

Highest Channel / QPSK



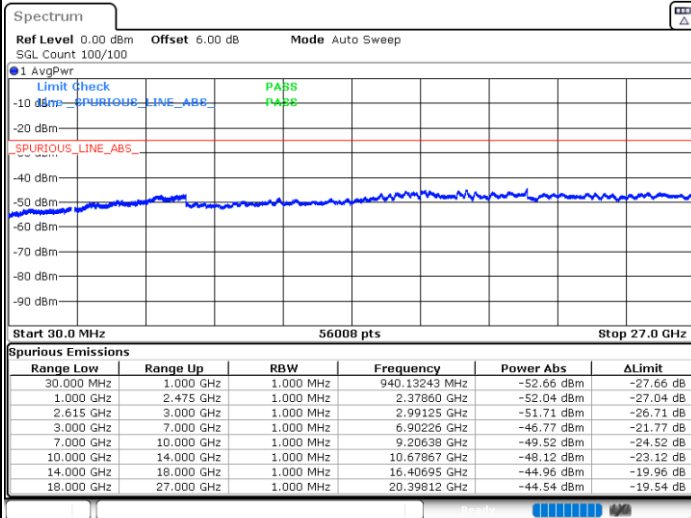
Date: 20.MAR.2025 14:21:58



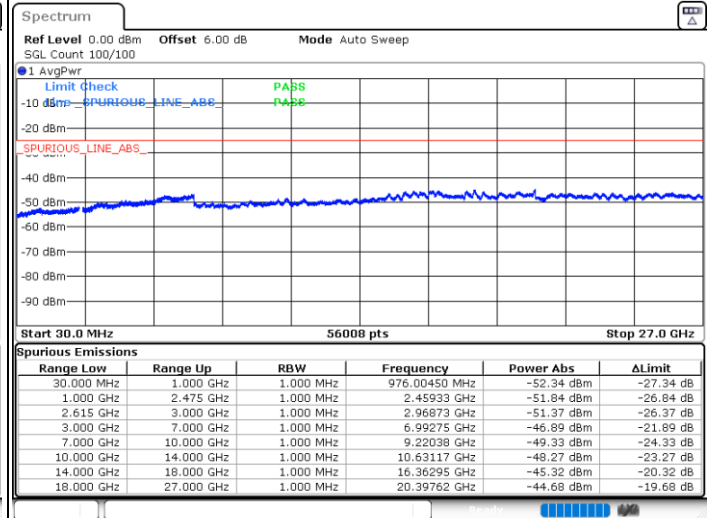
LTE Band 7 / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

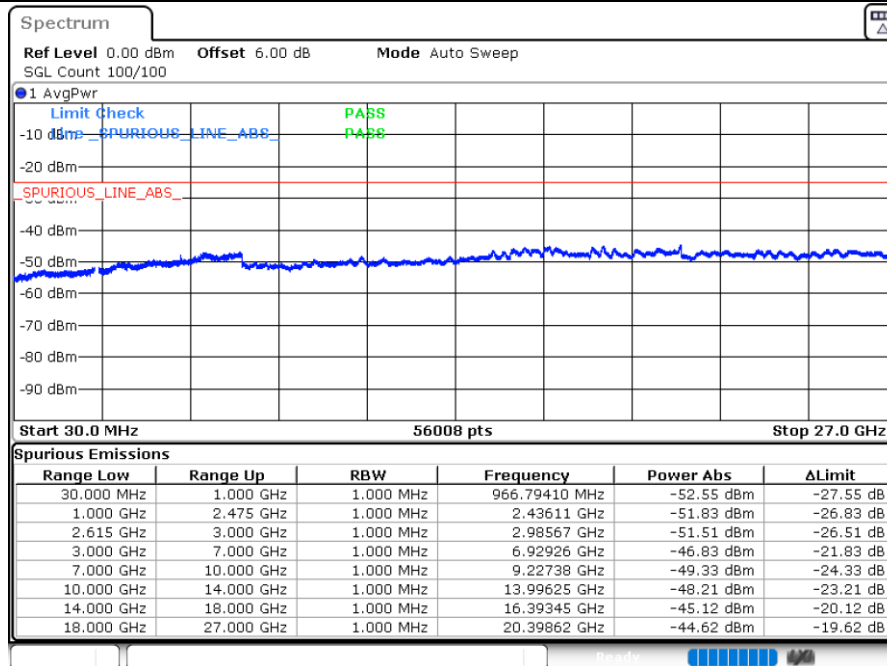


Date: 20.MAR.2025 14:37:54



Date: 20.MAR.2025 15:18:22

Highest Channel / QPSK



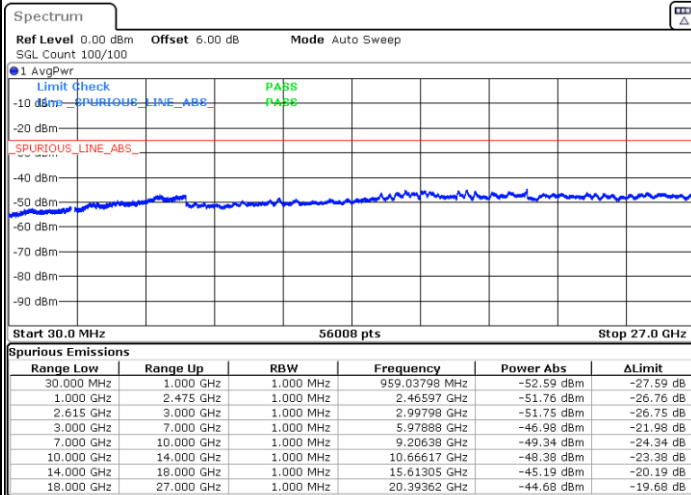
Date: 20.MAR.2025 15:21:56



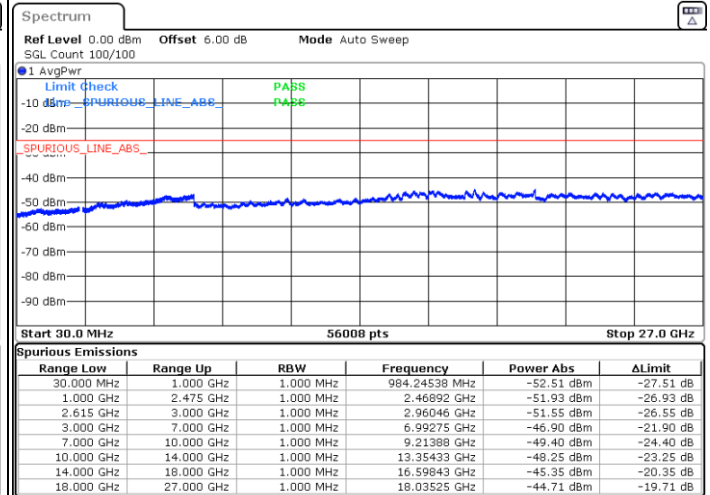
LTE Band 7 / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

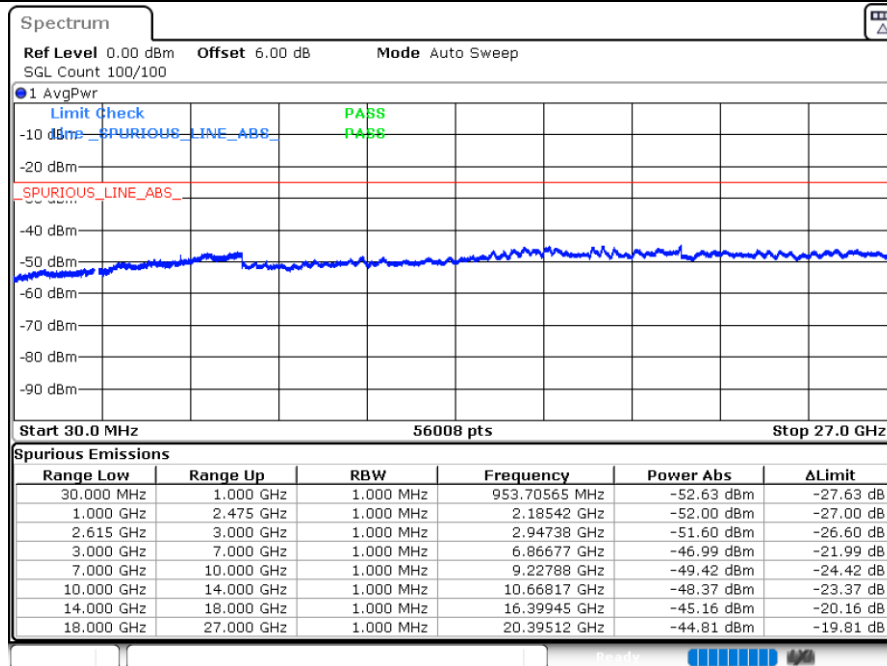


Date: 20.MAR.2025 15:37:21



Date: 20.MAR.2025 15:52:54

Highest Channel / QPSK



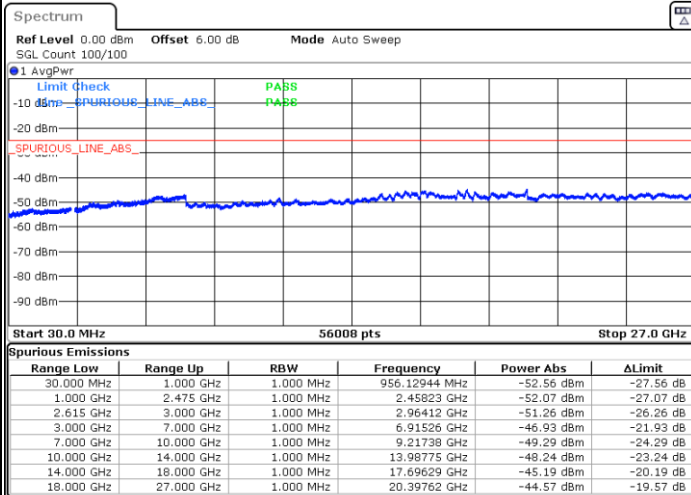
Date: 20.MAR.2025 15:56:28



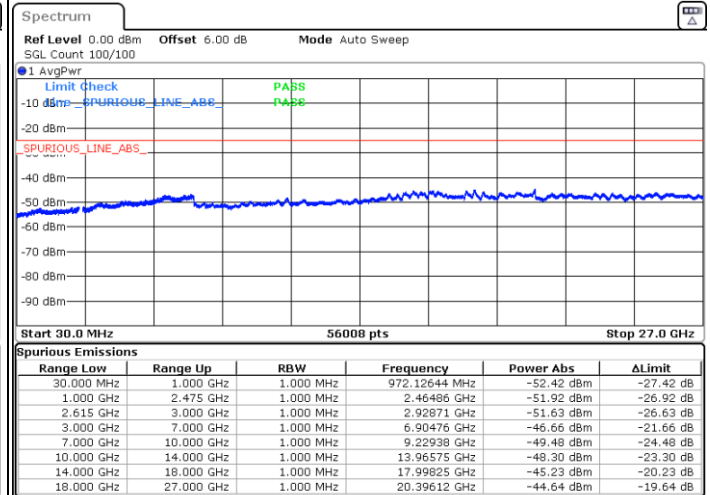
LTE Band 7 / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

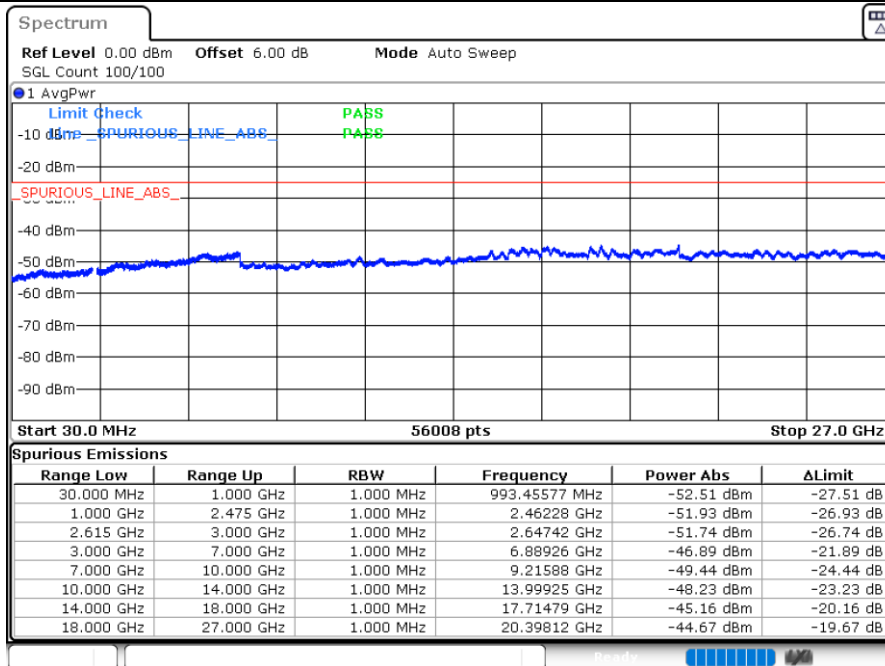


Date: 20.MAR.2025 16:15:38



Date: 20.MAR.2025 16:31:09

Highest Channel / QPSK



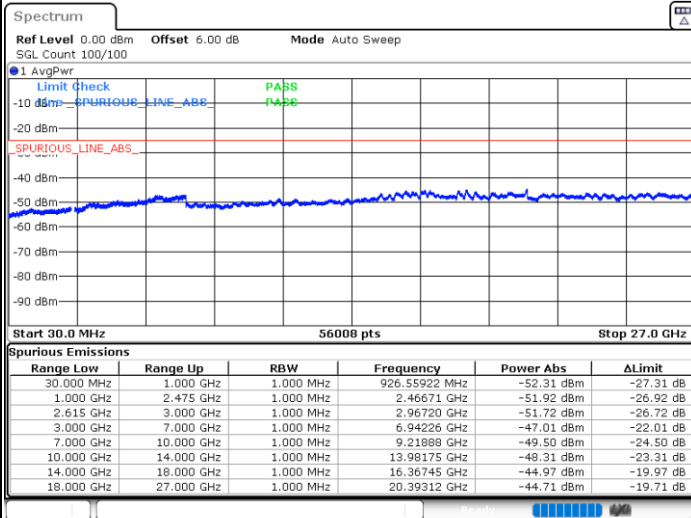
Date: 20.MAR.2025 16:34:43



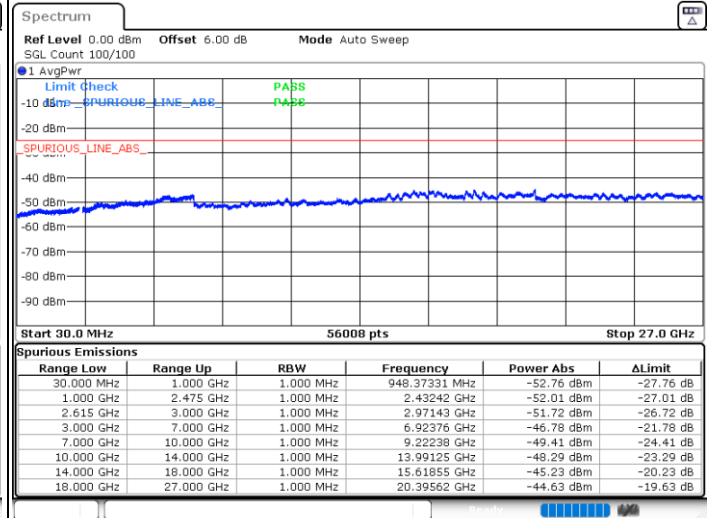
LTE Band 7 / 20MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

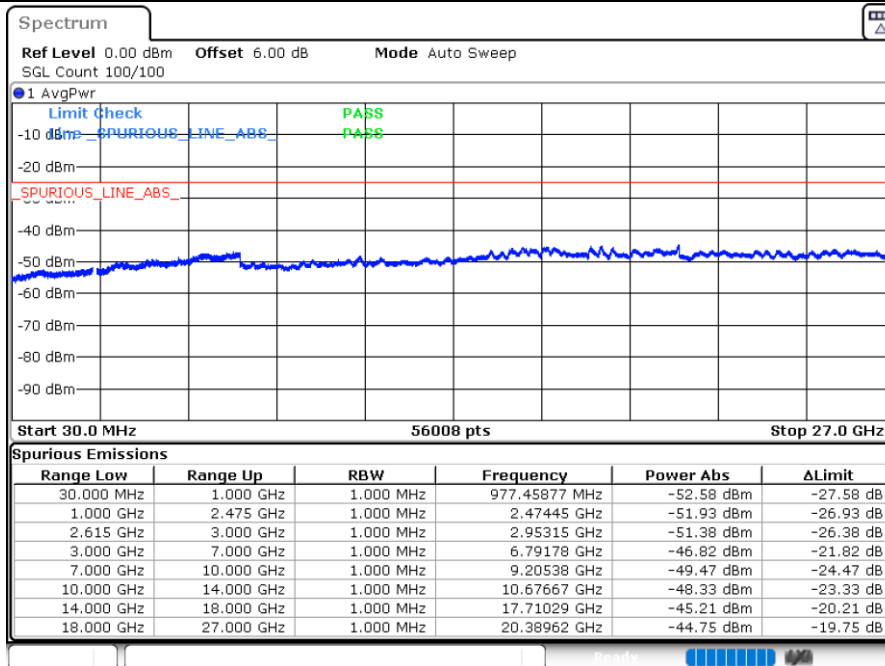


Date: 20.MAR.2025 16:50:55



Date: 20.MAR.2025 17:06:28

Highest Channel / QPSK



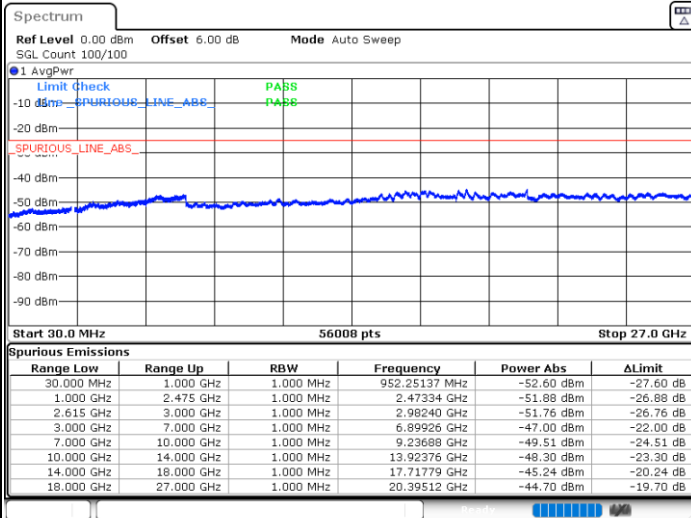
Date: 20.MAR.2025 17:10:01



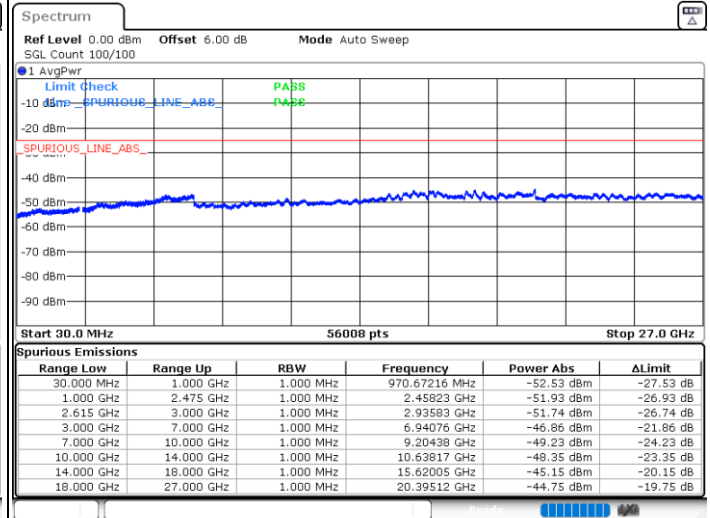
LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

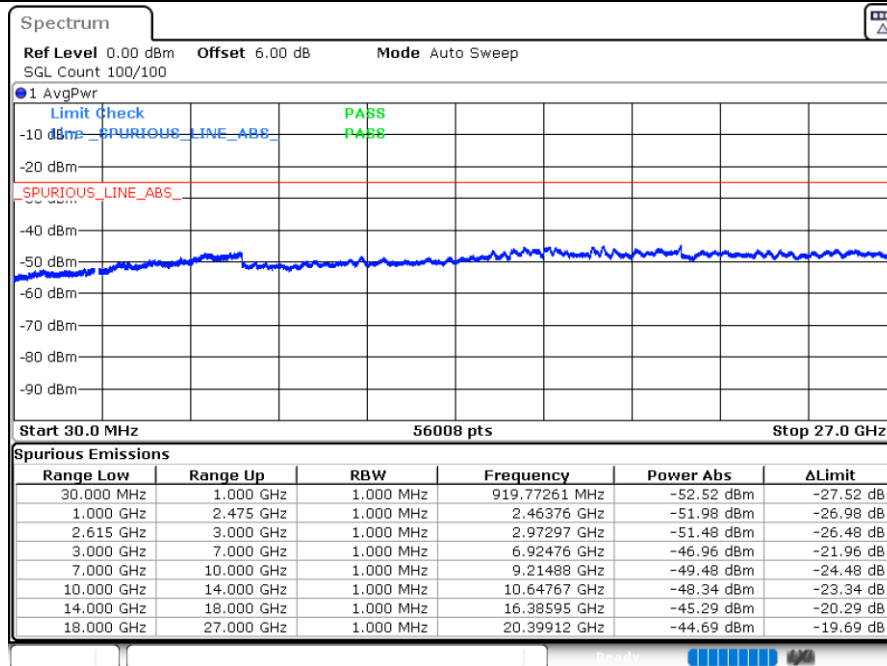


Date: 20.MAR.2025 17:25:32



Date: 20.MAR.2025 17:41:04

Highest Channel / QPSK



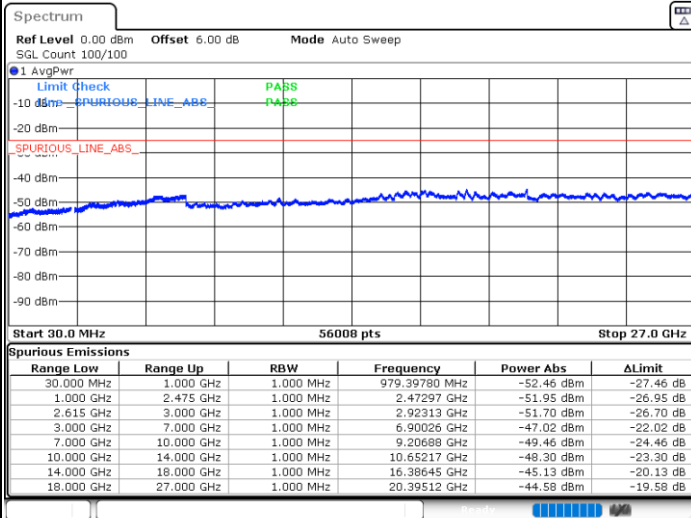
Date: 20.MAR.2025 17:44:39



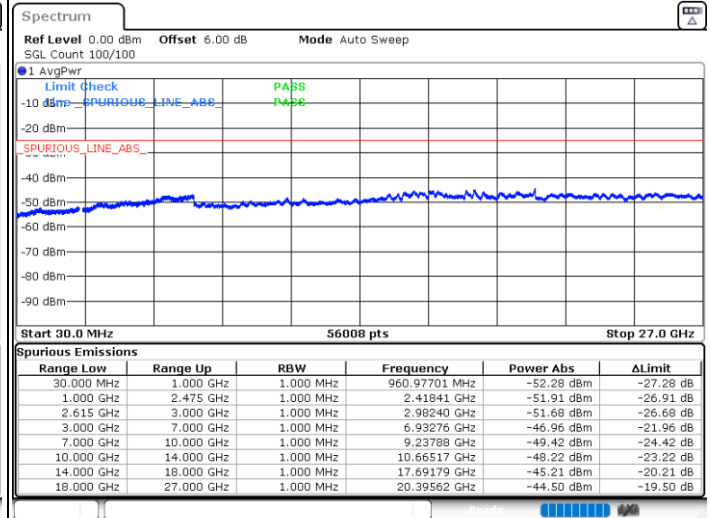
LTE Band 7 /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

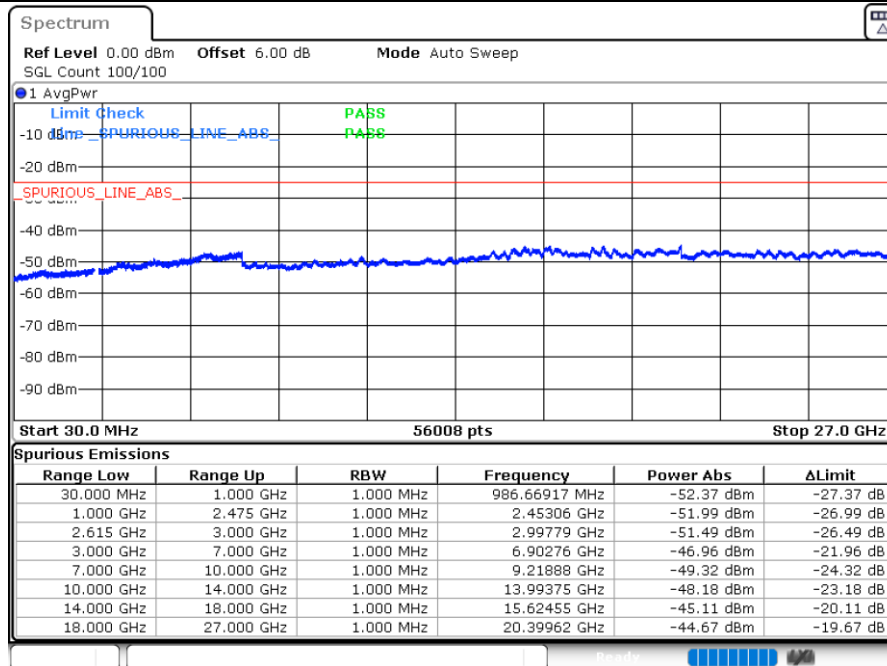


Date: 20.MAR.2025 18:00:13



Date: 20.MAR.2025 18:15:47

Highest Channel / QPSK



Date: 20.MAR.2025 18:19:22

**Frequency Stability**

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage =3.81 V.; Battery End Point (BEP) =3.4V.; Maximum Voltage =4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK/ ANT1									
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)
Middle	5052.00	-60.93	-25	-35.93	-82.94	-66.49	7.14	12.70	H
	7578.00	-55.01	-25	-30.01	-81.66	-58.31	8.30	11.60	H
	10104.00	-49.37	-25	-24.37	-80.78	-50.89	10.48	12.00	H
	5052.00	-60.96	-25	-35.96	-83.09	-66.52	7.14	12.70	V
	7578.00	-54.92	-25	-29.92	-81.53	-58.22	8.30	11.60	V
	10104.00	-51.08	-25	-26.08	-81.09	-52.60	10.48	12.00	V

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

EN-DC_7A_n66A / LTE 20MHz + NR 45MHz / QPSK (ANT1+4)									
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)
NR n66 Middle	3447	-61.55	-13	-48.55	-78.32	-68.40	5.65	12.50	H
	5170.5	-60.26	-13	-47.26	-82.09	-65.93	7.13	12.80	H
	6894	-56.13	-13	-43.13	-81.70	-59.53	8.40	11.80	H
	3447	-61.62	-13	-48.62	-78.43	-68.47	5.65	12.50	V
	5170.5	-59.98	-13	-46.98	-82.08	-65.65	7.13	12.80	V
	6894	-55.63	-13	-42.63	-81.68	-59.03	8.40	11.80	V
LTE Band7 Middle	5052.00	-60.38	-25	-35.38	-82.39	-65.94	7.14	12.70	H
	7578.00	-54.18	-25	-29.18	-80.83	-57.48	8.30	11.60	H
	10104.00	-49.77	-25	-24.77	-81.18	-51.29	10.48	12.00	H
	5052.00	-60.27	-25	-35.27	-82.4	-65.83	7.14	12.70	V
	7578.00	-54.40	-25	-29.40	-81.01	-57.70	8.30	11.60	V
	10104.00	-51.26	-25	-26.26	-81.27	-52.78	10.48	12.00	V

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



LTE CA_7C/ 20MHz+20MHz / QPSK/ ANT1									
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)
Middle	5070.00	-61.09	-25	-36.09	-83.08	-66.65	7.14	12.70	H
	7605.00	-54.67	-25	-29.67	-81.31	-57.97	8.30	11.60	H
	10140.00	-49.77	-25	-24.77	-81.13	-51.29	10.48	12.00	H
	5070.00	-60.94	-25	-35.94	-83.07	-66.50	7.14	12.70	V
	7605.00	-54.93	-25	-29.93	-81.51	-58.23	8.30	11.60	V
	10140.00	-52.19	-25	-27.19	-82.22	-53.71	10.48	12.00	V

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

LTE Band 12/ 10MHz / QPSK/ ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-65.17	-13	-52.17	-75.90	-68.42	4.00	9.40	H
	2109	-64.41	-13	-51.41	-77.45	-67.98	4.88	10.60	H
	2812	-62.34	-13	-49.34	-78.36	-67.27	5.52	12.60	H
	1406	-65.69	-13	-52.69	-75.98	-68.94	4.00	9.40	V
	2109	-64.09	-13	-51.09	-77.08	-67.66	4.88	10.60	V
	2812	-62.11	-13	-49.11	-78.32	-67.04	5.52	12.60	V

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

LTE Band 13/ 5MHz / QPSK/ ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-62.59	-42.15	-20.44	-72.61	-65.84	4.00	9.40	H
	2339.25	-62.47	-13	-49.47	-77.22	-66.04	4.88	10.60	H
	3119	-61.68	-13	-48.68	-78.81	-66.61	5.52	12.60	H
	1559.5	-54.14	-42.15	-11.99	-64.24	-57.39	4.00	9.40	V
	2339.25	-63.73	-13	-50.73	-78.48	-67.30	4.88	10.60	V
	3119	-61.70	-13	-48.70	-78.87	-66.63	5.52	12.60	V

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

LTE Band 13/ 10MHz / QPSK/ ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-61.75	-42.15	-19.60	-71.77	-65.00	4.00	9.40	H
	2339.25	-63.81	-13	-50.81	-78.56	-67.38	4.88	10.60	H
	3119	-61.56	-13	-48.56	-78.69	-66.49	5.52	12.60	H
	1559.5	-56.57	-42.15	-14.42	-66.67	-59.82	4.00	9.40	V
	2339.25	-62.42	-13	-49.42	-77.17	-65.99	4.88	10.60	V
	3119	-61.57	-13	-48.57	-78.74	-66.50	5.52	12.60	V

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



LTE Band 41 / 20MHz / QPSK/ ANT1									
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)
Middle	5168.00	-60.65	-25	-35.65	-82.47	-66.21	7.14	12.70	H
	7752.00	-54.92	-25	-29.92	-81.71	-58.22	8.30	11.60	H
	10336.00	-51.05	-25	-26.05	-82.18	-52.57	10.48	12.00	H
	5168.00	-60.54	-25	-35.54	-82.63	-66.10	7.14	12.70	V
	7752.00	-54.93	-25	-29.93	-81.57	-58.23	8.30	11.60	V
	10336.00	-51.89	-25	-26.89	-82.11	-53.41	10.48	12.00	V

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

EN-DC_41A_n78A / LTE 20MHz + NR 45MHz / QPSK (ANT1+5)									
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)
NR n78 Middle	7404.00	-60.17	-13	-47.17	-66.11	-63.47	8.30	11.60	H
	11106.00	-55.08	-13	-42.08	-68.38	-56.60	10.48	12.00	H
	14808.00	-49.70	-13	-36.70	-67.56	-51.40	11.80	13.50	H
	7404.00	-60.12	-13	-47.12	-66.08	-63.42	8.30	11.60	V
	11106.00	-55.60	-13	-42.60	-68.61	-57.12	10.48	12.00	V
	14808.00	-49.83	-13	-36.83	-67.14	-51.53	11.80	13.50	V
LTE Band41 Middle	5168.00	-60.21	-25	-35.21	-82.03	-65.77	7.14	12.70	H
	7752.00	-59.40	-25	-34.40	-65.34	-62.70	8.30	11.60	H
	10336.00	-56.29	-25	-31.29	-68.02	-57.81	10.48	12.00	H
	5168.00	-59.93	-25	-34.93	-82.02	-65.49	7.14	12.70	V
	7752.00	-59.56	-25	-34.56	-65.35	-62.86	8.30	11.60	V
	10336.00	-57.04	-25	-32.04	-67.86	-58.56	10.48	12.00	V

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