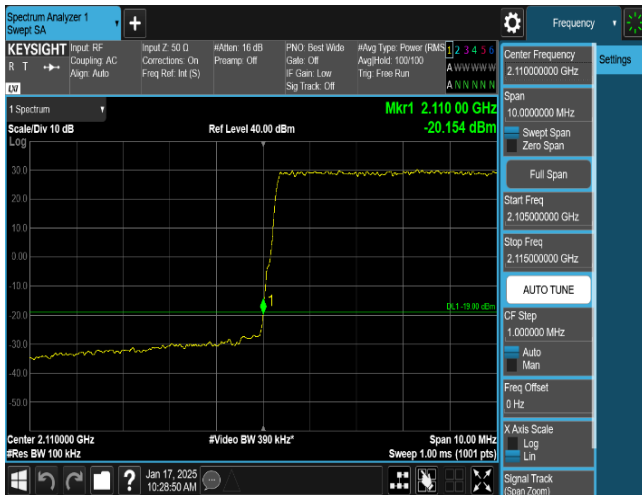
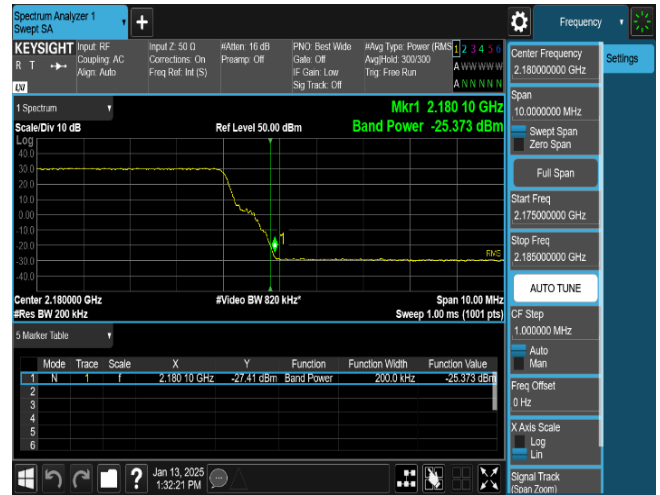
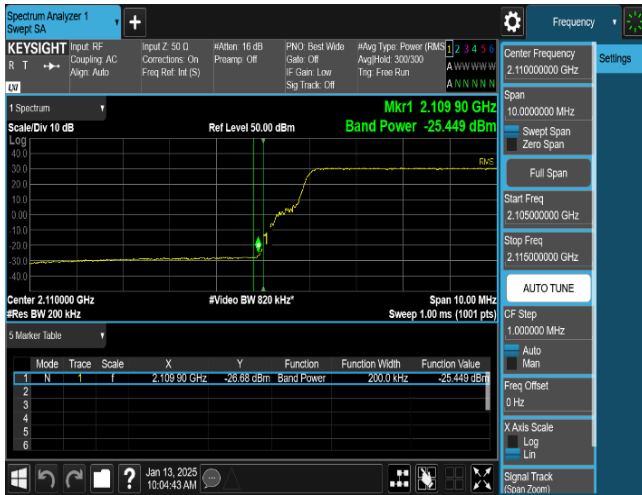




CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (44) / (104) pages

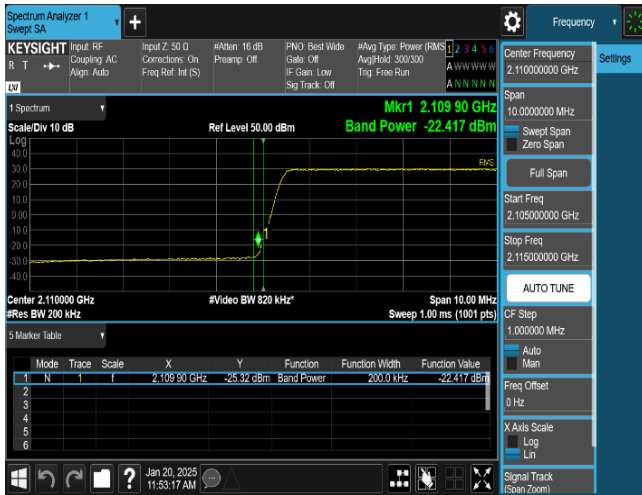




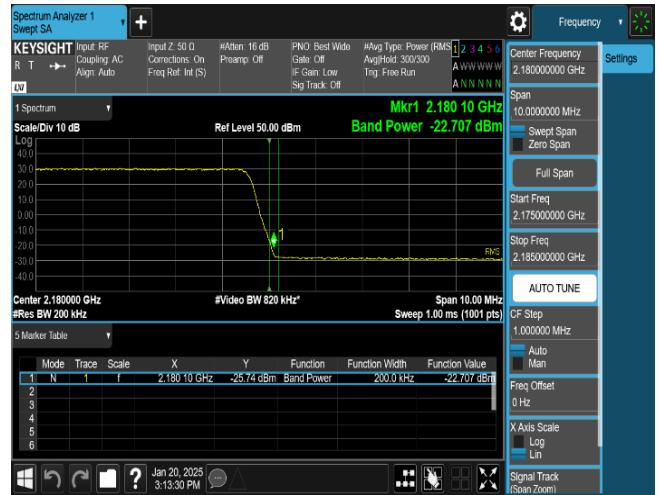
CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

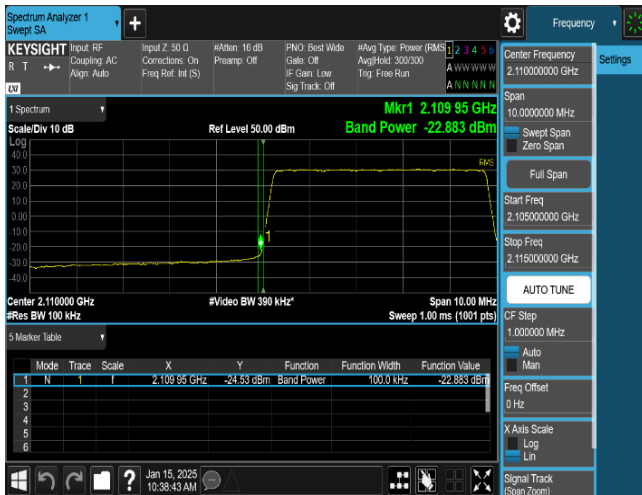
REPORT No.:
CTK-2025-00360
Page (45) / (104) pages



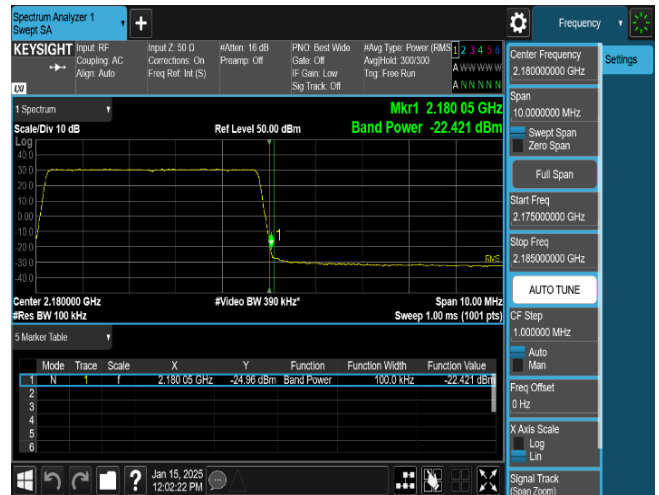
Plot 8-57. Band Edge Emission Summary Data Plot
(NR_n66_1C_20M_256QAM - Low Edge, Port 3)



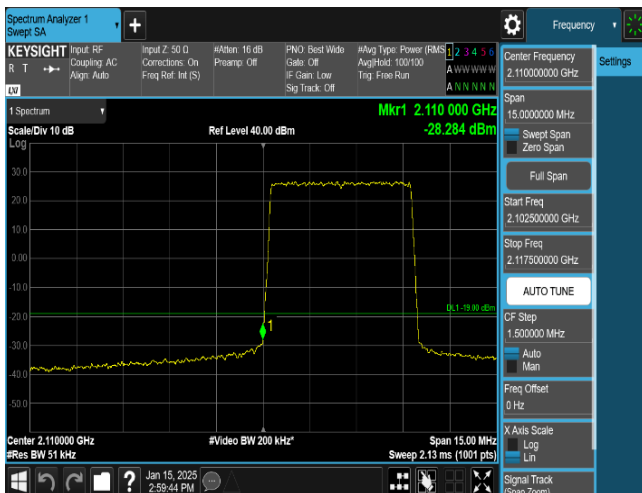
Plot 8-58. Band Edge Emission Summary Data Plot
(NR_n66_1C_20M_256QAM - High Edge, Port 0)



Plot 8-59. Band Edge Emission Summary Data Plot
(LTE_B66_2C_5M+5M_QPSK - Low Edge, Port 1)



Plot 8-60. Band Edge Emission Summary Data Plot
(LTE_B66_2C_5M+5M_QPSK - High Edge, Port 0)



Plot 8-61. Band Edge Emission Summary Data Plot
(LTE_B66_2NC_5M+5M_QPSK - Low Edge, Port 1)



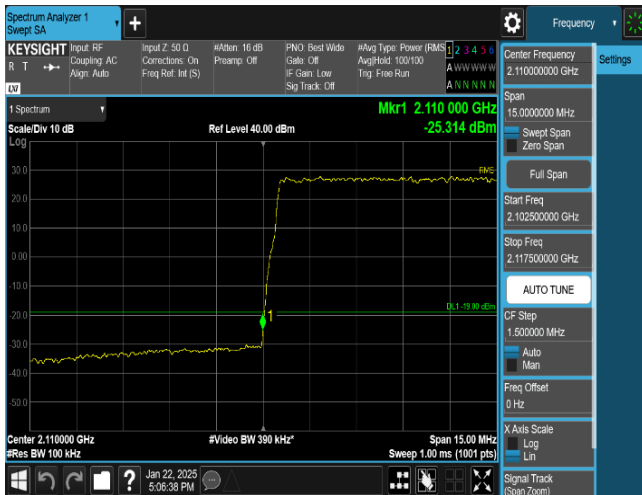
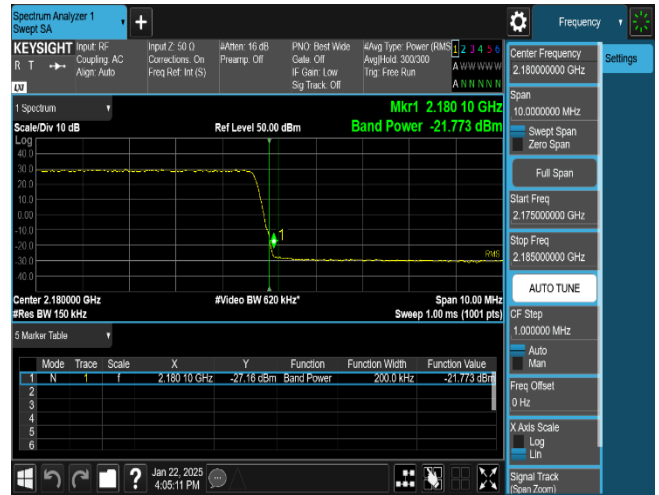
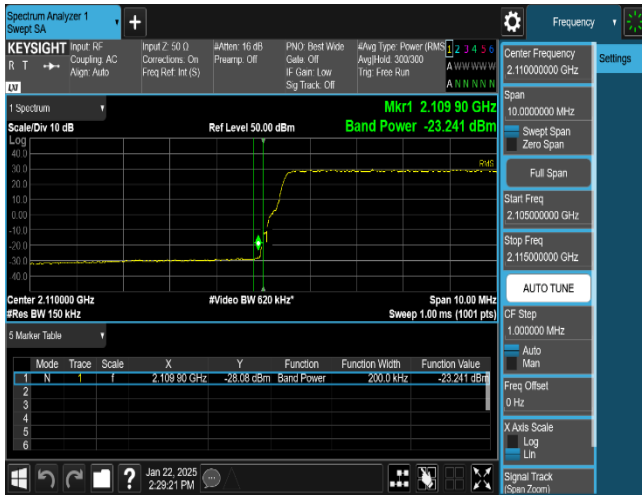
Plot 8-62. Band Edge Emission Summary Data Plot
(LTE_B66_4NC_5M+5M+5M+20M_QPSK
- High Edge, Port 1)



CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (46) / (104) pages



8.6 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6

KDB 662911 D01 v02r01 – Section E)3) Out-of-Band and Spurious Emission Measurements

a) Absolute Emission Limits

iii) Measure and add $10 \log(N_{ANT})$ dB

ANSI C63.26-2015 – Section 5.7

Test Setting

1. Start frequency was set to 9 kHz and stop frequency was set to at least $10 \times$ the fundamental frequency excluding the frequency range of the band edge measurement.
2. RBW: Please see test notes below.
3. $VBW \geq 3 \times RBW$
4. Detector = RMS
5. Number of sweep points $\geq 2 \times \text{Span}/RBW$
6. Trace mode = trace average
7. Sweep time = auto couple
8. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

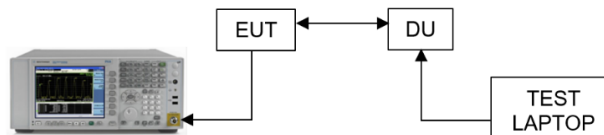


Figure 8-5. Test Instrument & Measurement Setup

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (48) / (104) pages

Limit**§ 27.53(h)**

(1) General protection levels. Except as otherwise specified below, for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

Test Notes

1. Per Part 27, Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
2. The limits were adjusted by a factor of $[-10 \cdot \log(4)]$ dB to account for the device operation as a 4 port MIMO transmitter, as per FCC KDB 622911. MIMO Factor calculation as below:
 $\text{MIMO Factor} = 10 \cdot \log(4) = 6.02$ dB
3. Narrower RBW parameter is applied according to Section 5.7 of ANSI C63.26-2015 for some edge channels due to improving measurement accuracy. RBW Factor calculation as below:
 - $\text{RBW Factor} = 10 \cdot \log(1/0.001) = 30$ dB
 - $\text{RBW Factor} = 10 \cdot \log(1/0.01) = 20$ dB

Frequency range	Basic Limit (dBm/MHz)	MIMO Factor (dB)	References RBW (MHz)	Measurement RBW (MHz)	RBW Factor (dB)	Adjusted limit (dBm)
9 kHz to 150 kHz	-13.00	6.02	1	0.001	30	-49.02
150 kHz to 30 MHz				0.01	20	-39.02
30 MHz to 22 GHz				1	0	-19.02

Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor - RBW Factor

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (49) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-60.78	-53.09	-58.22	-55.03	-49.02	-4.07
		150 kHz to 30 MHz	-44.77	-44.38	-45.36	-44.74	-39.02	-5.36
		30 MHz to 1 GHz	-31.09	-31.46	-31.34	-31.40	-19.02	-12.07
		1GHz to 2.108 GHz	-22.25	-21.88	-22.44	-20.78	-19.02	-1.76
		2.108 GHz to 2.109 GHz	-21.71	-22.41	-22.45	-21.87	-19.02	-2.69
		2.181 GHz to 3 GHz	-26.09	-27.06	-27.11	-26.98	-19.02	-7.07
		3 GHz to 6.2 GHz	-36.39	-36.48	-36.15	-36.24	-19.02	-17.13
		6.2 GHz to 18 GHz	-36.93	-37.00	-37.13	-37.22	-19.02	-17.91
		18 GHz to 22 GHz	-27.91	-28.01	-28.31	-28.05	-19.02	-8.89
	1	9 kHz to 150 kHz	-54.72	-58.11	-59.39	-54.18	-49.02	-5.16
		150 kHz to 30 MHz	-44.74	-45.16	-45.52	-45.23	-39.02	-5.72
		30 MHz to 1 GHz	-31.15	-31.25	-31.06	-31.22	-19.02	-12.04
		1GHz to 2.108 GHz	-22.35	-21.52	-21.63	-22.09	-19.02	-2.50
		2.108 GHz to 2.109 GHz	-22.43	-21.93	-21.44	-22.12	-19.02	-2.42
		2.181 GHz to 3 GHz	-28.58	-28.47	-28.44	-28.84	-19.02	-9.42
		3 GHz to 6.2 GHz	-36.53	-36.40	-36.32	-36.64	-19.02	-17.30
		6.2 GHz to 18 GHz	-37.06	-37.05	-36.96	-36.96	-19.02	-17.94
		18 GHz to 22 GHz	-27.70	-27.71	-28.08	-27.40	-19.02	-8.38
	2	9 kHz to 150 kHz	-56.82	-52.90	-55.62	-52.94	-49.02	-3.88
		150 kHz to 30 MHz	-45.52	-44.49	-43.34	-44.99	-39.02	-4.32
		30 MHz to 1 GHz	-31.22	-31.36	-31.34	-31.32	-19.02	-12.20
		1GHz to 2.108 GHz	-22.86	-22.33	-21.94	-22.80	-19.02	-2.92
		2.108 GHz to 2.109 GHz	-22.69	-23.37	-22.62	-23.12	-19.02	-3.60
		2.181 GHz to 3 GHz	-27.21	-27.19	-26.92	-27.47	-19.02	-7.90
		3 GHz to 6.2 GHz	-36.26	-36.27	-36.33	-36.42	-19.02	-17.24
		6.2 GHz to 18 GHz	-36.65	-36.82	-36.74	-37.19	-19.02	-17.63
		18 GHz to 22 GHz	-27.54	-27.65	-27.72	-28.05	-19.02	-8.52
	3	9 kHz to 150 kHz	-60.81	-56.52	-54.62	-53.33	-49.02	-4.31
		150 kHz to 30 MHz	-45.29	-44.88	-45.55	-45.26	-39.02	-5.86
		30 MHz to 1 GHz	-31.18	-31.20	-31.23	-31.29	-19.02	-12.16
		1GHz to 2.108 GHz	-22.24	-22.23	-22.07	-22.01	-19.02	-2.99
		2.108 GHz to 2.109 GHz	-22.71	-22.57	-21.88	-23.12	-19.02	-2.86
		2.181 GHz to 3 GHz	-27.53	-27.78	-27.67	-27.28	-19.02	-8.26
		3 GHz to 6.2 GHz	-36.17	-36.44	-36.39	-36.19	-19.02	-17.15
		6.2 GHz to 18 GHz	-36.93	-37.11	-36.95	-37.04	-19.02	-17.91
		18 GHz to 22 GHz	-27.71	-27.26	-27.84	-27.45	-19.02	-8.24
Mid	0	9 kHz to 150 kHz	-57.72	-58.55	-58.67	-58.28	-49.02	-8.70
		150 kHz to 30 MHz	-45.45	-44.73	-45.11	-45.48	-39.02	-5.71
		30 MHz to 1 GHz	-31.35	-31.43	-31.17	-31.45	-19.02	-12.15
		1GHz to 2.109 GHz	-24.20	-24.07	-24.40	-24.20	-19.02	-5.05
		2.181 GHz to 3 GHz	-27.32	-27.29	-27.48	-27.29	-19.02	-8.27
		3 GHz to 6.2 GHz	-36.33	-36.42	-36.56	-36.33	-19.02	-17.31
		6.2 GHz to 18 GHz	-37.17	-36.93	-37.05	-37.16	-19.02	-17.91
	1	9 kHz to 150 kHz	-56.13	-53.48	-59.72	-53.98	-49.02	-4.46
		150 kHz to 30 MHz	-44.69	-45.70	-46.01	-45.61	-39.02	-5.67
		30 MHz to 1 GHz	-31.22	-31.30	-31.36	-31.25	-19.02	-12.20
		1GHz to 2.109 GHz	-23.85	-24.18	-23.72	-24.00	-19.02	-4.70
		2.181 GHz to 3 GHz	-28.98	-28.92	-28.90	-28.34	-19.02	-9.32
		3 GHz to 6.2 GHz	-36.02	-36.29	-36.06	-36.24	-19.02	-17.00
		6.2 GHz to 18 GHz	-37.04	-37.11	-37.10	-36.63	-19.02	-17.61
	2	9 kHz to 150 kHz	-57.18	-54.10	-57.18	-57.79	-49.02	-5.08
		150 kHz to 30 MHz	-45.60	-45.71	-45.00	-45.32	-39.02	-5.98
		30 MHz to 1 GHz	-31.28	-31.12	-31.07	-31.31	-19.02	-12.05

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (50) / (104) pages

High	3	1GHz to 2.109 GHz	-25.29	-25.12	-25.27	-24.97	-19.02	-5.95
		2.181 GHz to 3 GHz	-27.94	-27.41	-27.54	-27.42	-19.02	-8.39
		3 GHz to 6.2 GHz	-36.07	-36.03	-36.30	-36.24	-19.02	-17.01
		6.2 GHz to 18 GHz	-36.99	-37.04	-37.01	-36.95	-19.02	-17.93
		18 GHz to 22 GHz	-27.83	-27.58	-28.25	-27.30	-19.02	-8.28
		9 kHz to 150 kHz	-54.17	-53.81	-56.05	-58.30	-49.02	-4.79
		150 kHz to 30 MHz	-44.35	-44.78	-44.07	-45.57	-39.02	-5.05
		30 MHz to 1 GHz	-31.30	-31.19	-31.07	-31.29	-19.02	-12.05
		1GHz to 2.109 GHz	-24.60	-24.50	-24.81	-24.59	-19.02	-5.48
		2.181 GHz to 3 GHz	-27.71	-27.14	-27.50	-27.69	-19.02	-8.12
	0	3 GHz to 6.2 GHz	-36.17	-36.56	-36.46	-36.36	-19.02	-17.15
		6.2 GHz to 18 GHz	-36.82	-37.01	-36.84	-36.73	-19.02	-17.71
		18 GHz to 22 GHz	-27.42	-27.75	-27.80	-27.57	-19.02	-8.40
		9 kHz to 150 kHz	-57.41	-56.90	-57.14	-56.10	-49.02	-7.08
		150 kHz to 30 MHz	-43.34	-44.64	-43.57	-44.24	-39.02	-4.32
		30 MHz to 1 GHz	-31.12	-31.46	-31.41	-31.45	-19.02	-12.10
		1GHz to 2.109 GHz	-24.29	-24.49	-23.79	-23.56	-19.02	-4.54
		2.181 GHz to 2.182 GHz	-20.50	-21.60	-20.82	-21.81	-19.02	-1.48
		2.182 GHz to 3 GHz	-20.25	-20.75	-20.31	-20.71	-19.02	-1.23
		3 GHz to 6.2 GHz	-36.17	-36.51	-36.37	-36.49	-19.02	-17.15
	1	6.2 GHz to 18 GHz	-36.95	-37.06	-36.95	-36.92	-19.02	-17.90
		18 GHz to 22 GHz	-27.85	-27.70	-27.71	-27.87	-19.02	-8.68
		9 kHz to 150 kHz	-57.74	-57.26	-55.50	-56.54	-49.02	-6.48
		150 kHz to 30 MHz	-44.68	-46.27	-45.38	-45.39	-39.02	-5.66
		30 MHz to 1 GHz	-31.09	-31.29	-31.04	-31.13	-19.02	-12.02
		1GHz to 2.109 GHz	-24.26	-24.55	-23.80	-23.99	-19.02	-4.78
		2.181 GHz to 2.182 GHz	-21.27	-21.97	-20.97	-21.94	-19.02	-1.95
		2.182 GHz to 3 GHz	-20.56	-21.07	-20.19	-20.91	-19.02	-1.17
		3 GHz to 6.2 GHz	-36.30	-36.10	-36.48	-36.29	-19.02	-17.08
		6.2 GHz to 18 GHz	-37.07	-37.02	-36.63	-36.81	-19.02	-17.61
High	2	18 GHz to 22 GHz	-27.55	-27.67	-27.88	-27.89	-19.02	-8.53
		9 kHz to 150 kHz	-56.91	-52.37	-54.47	-57.38	-49.02	-3.35
		150 kHz to 30 MHz	-46.59	-45.75	-44.61	-45.79	-39.02	-5.59
		30 MHz to 1 GHz	-31.34	-31.18	-31.26	-31.44	-19.02	-12.16
		1GHz to 2.109 GHz	-25.58	-24.87	-25.36	-25.23	-19.02	-5.85
		2.181 GHz to 2.182 GHz	-22.52	-21.21	-20.96	-22.01	-19.02	-1.94
		2.182 GHz to 3 GHz	-21.32	-21.65	-21.87	-21.17	-19.02	-2.15
		3 GHz to 6.2 GHz	-36.29	-36.43	-36.20	-36.46	-19.02	-17.18
		6.2 GHz to 18 GHz	-37.14	-37.08	-37.05	-36.98	-19.02	-17.96
		18 GHz to 22 GHz	-27.84	-27.26	-28.07	-27.79	-19.02	-8.24
	3	9 kHz to 150 kHz	-53.43	-56.74	-52.34	-55.60	-49.02	-3.32
		150 kHz to 30 MHz	-44.68	-45.45	-44.10	-44.66	-39.02	-5.08
		30 MHz to 1 GHz	-31.22	-31.10	-31.17	-31.14	-19.02	-12.08
		1GHz to 2.109 GHz	-24.51	-24.58	-24.26	-24.40	-19.02	-5.24
		2.181 GHz to 2.182 GHz	-21.89	-20.66	-21.34	-22.48	-19.02	-1.64
		2.182 GHz to 3 GHz	-20.14	-21.47	-20.53	-20.73	-19.02	-1.12
		3 GHz to 6.2 GHz	-36.51	-36.34	-36.63	-36.13	-19.02	-17.11
		6.2 GHz to 18 GHz	-36.90	-36.99	-36.77	-37.04	-19.02	-17.75
		18 GHz to 22 GHz	-27.39	-27.70	-27.80	-27.16	-19.02	-8.14

Table 8-40. Conducted Spurious Emission Summary Data (LTE_B66_1C_5M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (51) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-55.95	-57.27	-56.28	-57.54	-49.02	-6.93
		150 kHz to 30 MHz	-45.44	-44.36	-44.93	-44.54	-39.02	-5.34
		30 MHz to 1 GHz	-31.46	-31.36	-31.30	-31.52	-19.02	-12.28
		1GHz to 2.108 GHz	-22.27	-20.50	-20.98	-21.44	-19.02	-1.48
		2.108 GHz to 2.109 GHz	-22.64	-24.01	-23.48	-22.46	-19.02	-3.44
		2.181 GHz to 3 GHz	-27.03	-26.98	-26.98	-26.83	-19.02	-7.81
		3 GHz to 6.2 GHz	-29.62	-29.70	-29.55	-29.88	-19.02	-10.53
		6.2 GHz to 18 GHz	-37.17	-37.21	-37.03	-36.71	-19.02	-17.69
		18 GHz to 22 GHz	-28.61	-28.09	-28.56	-28.54	-19.02	-9.07
	1	9 kHz to 150 kHz	-55.36	-58.23	-56.01	-56.51	-49.02	-6.34
		150 kHz to 30 MHz	-44.79	-44.76	-45.24	-45.92	-39.02	-5.74
		30 MHz to 1 GHz	-31.01	-31.17	-31.06	-30.99	-19.02	-11.97
		1GHz to 2.108 GHz	-22.35	-21.69	-21.49	-21.75	-19.02	-2.47
		2.108 GHz to 2.109 GHz	-23.74	-26.26	-24.24	-25.70	-19.02	-4.72
		2.181 GHz to 3 GHz	-27.33	-27.85	-27.68	-27.48	-19.02	-8.31
		3 GHz to 6.2 GHz	-26.79	-26.78	-26.82	-26.70	-19.02	-7.68
		6.2 GHz to 18 GHz	-37.02	-37.17	-37.02	-36.78	-19.02	-17.76
		18 GHz to 22 GHz	-28.29	-28.39	-28.56	-28.41	-19.02	-9.27
	2	9 kHz to 150 kHz	-56.86	-57.36	-55.33	-53.69	-49.02	-4.67
		150 kHz to 30 MHz	-45.60	-43.65	-44.08	-44.71	-39.02	-4.63
		30 MHz to 1 GHz	-31.26	-30.97	-31.20	-31.24	-19.02	-11.95
		1GHz to 2.108 GHz	-23.14	-22.34	-22.37	-22.75	-19.02	-3.32
		2.108 GHz to 2.109 GHz	-23.30	-24.97	-23.86	-24.84	-19.02	-4.28
		2.181 GHz to 3 GHz	-28.24	-28.11	-28.35	-28.41	-19.02	-9.09
		3 GHz to 6.2 GHz	-28.34	-27.56	-28.21	-27.98	-19.02	-8.54
		6.2 GHz to 18 GHz	-37.03	-36.91	-37.13	-37.05	-19.02	-17.89
		18 GHz to 22 GHz	-28.33	-28.69	-28.49	-28.19	-19.02	-9.17
	3	9 kHz to 150 kHz	-55.42	-57.71	-52.16	-56.97	-49.02	-3.14
		150 kHz to 30 MHz	-44.74	-45.55	-45.25	-44.11	-39.02	-5.09
		30 MHz to 1 GHz	-31.15	-31.02	-31.27	-31.22	-19.02	-12.00
		1GHz to 2.108 GHz	-21.76	-21.64	-21.89	-22.50	-19.02	-2.62
		2.108 GHz to 2.109 GHz	-23.98	-23.94	-24.31	-25.02	-19.02	-4.92
		2.181 GHz to 3 GHz	-27.60	-27.68	-27.87	-27.85	-19.02	-8.58
		3 GHz to 6.2 GHz	-28.95	-28.73	-28.53	-28.54	-19.02	-9.51
		6.2 GHz to 18 GHz	-37.20	-37.17	-37.06	-37.09	-19.02	-18.04
		18 GHz to 22 GHz	-28.26	-28.43	-27.97	-28.55	-19.02	-8.95
Mid	0	9 kHz to 150 kHz	-53.57	-52.67	-57.38	-57.31	-49.02	-3.65
		150 kHz to 30 MHz	-45.61	-45.66	-45.31	-44.49	-39.02	-5.47
		30 MHz to 1 GHz	-31.47	-31.05	-31.37	-31.43	-19.02	-12.03
		1GHz to 2.109 GHz	-24.34	-23.83	-24.45	-23.94	-19.02	-4.81
		2.181 GHz to 3 GHz	-27.32	-27.19	-26.84	-26.88	-19.02	-7.82
		3 GHz to 6.2 GHz	-29.88	-29.67	-29.62	-30.06	-19.02	-10.60
		6.2 GHz to 18 GHz	-37.09	-37.03	-36.99	-37.17	-19.02	-17.97
		18 GHz to 22 GHz	-28.70	-28.66	-28.49	-28.51	-19.02	-9.47
	1	9 kHz to 150 kHz	-55.28	-51.42	-57.96	-58.12	-49.02	-2.40
		150 kHz to 30 MHz	-44.68	-44.72	-45.69	-45.79	-39.02	-5.66
		30 MHz to 1 GHz	-31.32	-31.16	-31.27	-31.12	-19.02	-12.10
		1GHz to 2.109 GHz	-23.87	-23.91	-23.64	-23.84	-19.02	-4.62
		2.181 GHz to 3 GHz	-27.32	-27.44	-27.31	-27.19	-19.02	-8.17
		3 GHz to 6.2 GHz	-26.89	-26.90	-26.52	-26.84	-19.02	-7.50
		6.2 GHz to 18 GHz	-36.89	-36.82	-37.16	-36.89	-19.02	-17.80
		18 GHz to 22 GHz	-28.77	-28.44	-28.34	-28.50	-19.02	-9.32
	2	9 kHz to 150 kHz	-55.09	-54.09	-57.50	-57.52	-49.02	-5.07
		150 kHz to 30 MHz	-44.69	-44.77	-45.29	-45.24	-39.02	-5.67
		30 MHz to 1 GHz	-31.23	-31.01	-31.26	-31.12	-19.02	-11.99

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (52) / (104) pages

		1GHz to 2.109 GHz	-25.11	-24.85	-25.23	-24.95	-19.02	-5.83
		2.181 GHz to 3 GHz	-28.09	-28.24	-27.95	-27.89	-19.02	-8.87
High	3	3 GHz to 6.2 GHz	-28.11	-28.39	-28.01	-27.86	-19.02	-8.84
		6.2 GHz to 18 GHz	-36.91	-37.10	-37.17	-37.11	-19.02	-17.89
		18 GHz to 22 GHz	-28.60	-28.67	-28.38	-28.38	-19.02	-9.36
		9 kHz to 150 kHz	-51.85	-52.51	-57.45	-56.63	-49.02	-2.83
		150 kHz to 30 MHz	-46.01	-45.90	-45.85	-45.54	-39.02	-6.52
		30 MHz to 1 GHz	-30.77	-30.99	-31.22	-31.06	-19.02	-11.75
		1GHz to 2.109 GHz	-24.48	-24.67	-24.65	-24.49	-19.02	-5.46
		2.181 GHz to 3 GHz	-27.40	-27.17	-27.38	-27.55	-19.02	-8.15
		3 GHz to 6.2 GHz	-28.83	-28.79	-28.90	-28.89	-19.02	-9.77
		6.2 GHz to 18 GHz	-37.20	-37.05	-36.86	-36.81	-19.02	-17.79
		18 GHz to 22 GHz	-28.39	-28.10	-28.55	-28.53	-19.02	-9.08
	0	9 kHz to 150 kHz	-55.73	-57.44	-56.29	-57.63	-49.02	-6.71
		150 kHz to 30 MHz	-45.05	-42.94	-46.70	-43.62	-39.02	-3.92
		30 MHz to 1 GHz	-31.16	-31.17	-31.27	-31.30	-19.02	-12.14
		1GHz to 2.109 GHz	-24.08	-23.78	-23.96	-23.92	-19.02	-4.76
		2.181 GHz to 2.182 GHz	-25.28	-24.08	-24.12	-24.06	-19.02	-5.04
		2.182 GHz to 3 GHz	-22.00	-20.32	-21.77	-20.93	-19.02	-1.30
		3 GHz to 6.2 GHz	-29.98	-29.59	-29.43	-29.66	-19.02	-10.41
		6.2 GHz to 18 GHz	-36.79	-37.21	-37.03	-36.84	-19.02	-17.77
	1	18 GHz to 22 GHz	-28.48	-28.40	-28.44	-28.60	-19.02	-9.38
		9 kHz to 150 kHz	-55.52	-58.46	-57.08	-57.19	-49.02	-6.50
		150 kHz to 30 MHz	-44.40	-45.56	-44.92	-45.63	-39.02	-5.38
		30 MHz to 1 GHz	-31.08	-31.13	-31.16	-31.07	-19.02	-12.05
		1GHz to 2.109 GHz	-23.77	-23.80	-24.14	-23.87	-19.02	-4.75
		2.181 GHz to 2.182 GHz	-24.67	-25.13	-24.93	-24.15	-19.02	-5.13
		2.182 GHz to 3 GHz	-21.49	-22.98	-22.11	-21.55	-19.02	-2.47
		3 GHz to 6.2 GHz	-26.91	-26.85	-26.95	-26.57	-19.02	-7.55
	2	6.2 GHz to 18 GHz	-36.96	-36.97	-37.24	-37.19	-19.02	-17.94
		18 GHz to 22 GHz	-28.11	-28.40	-28.46	-28.57	-19.02	-9.09
		9 kHz to 150 kHz	-54.87	-58.12	-56.91	-57.03	-49.02	-5.85
		150 kHz to 30 MHz	-45.43	-44.33	-44.76	-44.25	-39.02	-5.23
		30 MHz to 1 GHz	-31.43	-31.50	-31.35	-31.14	-19.02	-12.12
		1GHz to 2.109 GHz	-24.80	-24.80	-24.67	-25.23	-19.02	-5.65
		2.181 GHz to 2.182 GHz	-25.79	-24.90	-23.97	-23.32	-19.02	-4.30
		2.182 GHz to 3 GHz	-21.98	-21.76	-23.30	-23.23	-19.02	-2.74
	3	3 GHz to 6.2 GHz	-28.28	-28.05	-28.39	-28.30	-19.02	-9.03
		6.2 GHz to 18 GHz	-37.05	-37.07	-37.10	-37.05	-19.02	-18.03
		18 GHz to 22 GHz	-28.11	-28.30	-28.44	-28.47	-19.02	-9.09
		9 kHz to 150 kHz	-56.21	-57.87	-56.67	-57.47	-49.02	-7.19
		150 kHz to 30 MHz	-44.65	-46.68	-45.35	-45.38	-39.02	-5.63
		30 MHz to 1 GHz	-31.12	-31.10	-31.20	-31.07	-19.02	-12.05
		1GHz to 2.109 GHz	-24.47	-24.50	-24.34	-24.72	-19.02	-5.32
		2.181 GHz to 2.182 GHz	-23.81	-23.85	-24.57	-23.03	-19.02	-4.01
		2.182 GHz to 3 GHz	-21.89	-21.63	-21.84	-22.45	-19.02	-2.61
		3 GHz to 6.2 GHz	-28.83	-28.78	-28.89	-28.48	-19.02	-9.46
		6.2 GHz to 18 GHz	-37.09	-36.95	-36.86	-37.16	-19.02	-17.84
		18 GHz to 22 GHz	-28.38	-28.29	-28.41	-28.05	-19.02	-9.03

Table 8-41. Conducted Spurious Emission Summary Data (LTE_B66_1C_10M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (53) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-58.65	-53.32	-59.88	-56.27	-49.02	-4.30
		150 kHz to 30 MHz	-45.17	-43.81	-45.90	-45.86	-39.02	-4.79
		30 MHz to 1 GHz	-31.43	-31.29	-31.15	-31.30	-19.02	-12.13
		1GHz to 2.108 GHz	-21.94	-21.72	-21.14	-22.26	-19.02	-2.12
		2.108 GHz to 2.109 GHz	-25.55	-25.46	-25.65	-24.74	-19.02	-5.72
		2.181 GHz to 3 GHz	-27.02	-26.93	-26.79	-26.45	-19.02	-7.43
		3 GHz to 6.2 GHz	-35.87	-36.46	-36.54	-35.96	-19.02	-16.85
		6.2 GHz to 18 GHz	-37.01	-37.30	-37.25	-37.17	-19.02	-17.99
		18 GHz to 22 GHz	-28.40	-28.38	-28.50	-28.51	-19.02	-9.36
	1	9 kHz to 150 kHz	-60.22	-52.98	-60.86	-58.71	-49.02	-3.96
		150 kHz to 30 MHz	-44.85	-46.12	-44.94	-44.73	-39.02	-5.71
		30 MHz to 1 GHz	-31.16	-31.07	-30.99	-31.15	-19.02	-11.97
		1GHz to 2.108 GHz	-21.36	-21.85	-21.58	-22.06	-19.02	-2.34
		2.108 GHz to 2.109 GHz	-25.68	-26.40	-25.72	-25.92	-19.02	-6.66
		2.181 GHz to 3 GHz	-27.74	-27.57	-26.44	-26.75	-19.02	-7.42
		3 GHz to 6.2 GHz	-36.12	-36.40	-36.33	-36.64	-19.02	-17.10
		6.2 GHz to 18 GHz	-37.11	-37.33	-37.24	-36.97	-19.02	-17.95
		18 GHz to 22 GHz	-28.18	-28.65	-28.48	-28.43	-19.02	-9.16
	2	9 kHz to 150 kHz	-58.38	-58.27	-59.77	-58.64	-49.02	-9.25
		150 kHz to 30 MHz	-43.26	-44.90	-44.32	-43.94	-39.02	-4.24
		30 MHz to 1 GHz	-30.89	-31.10	-31.11	-31.26	-19.02	-11.87
		1GHz to 2.108 GHz	-21.92	-22.93	-22.88	-23.01	-19.02	-2.90
		2.108 GHz to 2.109 GHz	-25.66	-25.06	-25.80	-26.00	-19.02	-6.04
		2.181 GHz to 3 GHz	-27.74	-27.99	-27.88	-27.65	-19.02	-8.63
		3 GHz to 6.2 GHz	-36.41	-36.16	-36.45	-36.33	-19.02	-17.14
		6.2 GHz to 18 GHz	-36.36	-37.10	-37.25	-37.08	-19.02	-17.34
		18 GHz to 22 GHz	-28.34	-28.53	-28.46	-28.75	-19.02	-9.32
	3	9 kHz to 150 kHz	-58.49	-58.77	-57.31	-58.58	-49.02	-8.29
		150 kHz to 30 MHz	-45.42	-45.47	-45.95	-44.10	-39.02	-5.08
		30 MHz to 1 GHz	-31.02	-31.10	-31.05	-31.15	-19.02	-12.00
		1GHz to 2.108 GHz	-22.09	-21.51	-21.39	-21.43	-19.02	-2.37
		2.108 GHz to 2.109 GHz	-25.09	-25.58	-25.47	-25.88	-19.02	-6.07
		2.181 GHz to 3 GHz	-27.21	-27.08	-26.97	-27.06	-19.02	-7.95
		3 GHz to 6.2 GHz	-36.51	-36.09	-36.41	-36.00	-19.02	-16.98
		6.2 GHz to 18 GHz	-37.00	-36.94	-37.18	-37.20	-19.02	-17.92
		18 GHz to 22 GHz	-28.47	-28.20	-28.57	-28.31	-19.02	-9.18
Mid	0	9 kHz to 150 kHz	-58.63	-59.81	-58.66	-56.68	-49.02	-7.66
		150 kHz to 30 MHz	-44.32	-44.87	-43.46	-44.32	-39.02	-4.44
		30 MHz to 1 GHz	-31.10	-31.32	-31.16	-31.17	-19.02	-12.08
		1GHz to 2.109 GHz	-24.14	-23.80	-24.00	-23.97	-19.02	-4.78
		2.181 GHz to 3 GHz	-27.06	-26.67	-26.51	-26.90	-19.02	-7.49
		3 GHz to 6.2 GHz	-36.47	-36.25	-36.16	-35.94	-19.02	-16.92
		6.2 GHz to 18 GHz	-37.01	-36.89	-36.89	-37.03	-19.02	-17.87
		18 GHz to 22 GHz	-28.64	-28.41	-28.56	-28.54	-19.02	-9.39
	1	9 kHz to 150 kHz	-59.69	-59.52	-60.29	-58.69	-49.02	-9.67
		150 kHz to 30 MHz	-45.98	-43.71	-45.23	-44.87	-39.02	-4.69
		30 MHz to 1 GHz	-31.20	-31.02	-30.85	-30.98	-19.02	-11.83
		1GHz to 2.109 GHz	-23.87	-23.77	-23.80	-24.06	-19.02	-4.75
		2.181 GHz to 3 GHz	-27.63	-27.50	-27.35	-27.34	-19.02	-8.32
		3 GHz to 6.2 GHz	-36.26	-36.44	-36.17	-36.42	-19.02	-17.15
		6.2 GHz to 18 GHz	-36.92	-36.97	-37.09	-37.18	-19.02	-17.90
		18 GHz to 22 GHz	-28.33	-28.17	-28.33	-28.39	-19.02	-9.15
	2	9 kHz to 150 kHz	-55.30	-59.63	-59.67	-56.45	-49.02	-6.28
		150 kHz to 30 MHz	-45.90	-43.60	-45.89	-44.91	-39.02	-4.58
		30 MHz to 1 GHz	-31.06	-31.23	-31.09	-31.15	-19.02	-12.04

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (54) / (104) pages

High	3	1GHz to 2.109 GHz	-25.25	-25.27	-25.28	-25.11	-19.02	-6.09
		2.181 GHz to 3 GHz	-28.14	-27.87	-28.06	-28.04	-19.02	-8.85
		3 GHz to 6.2 GHz	-36.38	-36.04	-36.47	-36.42	-19.02	-17.02
		6.2 GHz to 18 GHz	-37.06	-37.10	-37.03	-37.07	-19.02	-18.01
		18 GHz to 22 GHz	-28.39	-28.15	-28.34	-28.06	-19.02	-9.04
	0	9 kHz to 150 kHz	-58.96	-59.59	-53.98	-53.88	-49.02	-4.86
		150 kHz to 30 MHz	-43.79	-44.06	-44.07	-45.71	-39.02	-4.77
		30 MHz to 1 GHz	-31.13	-31.09	-31.24	-31.19	-19.02	-12.07
		1GHz to 2.109 GHz	-24.15	-24.56	-23.32	-24.20	-19.02	-4.30
		2.181 GHz to 3 GHz	-27.31	-27.11	-26.91	-27.55	-19.02	-7.89
		3 GHz to 6.2 GHz	-36.30	-36.43	-36.20	-36.22	-19.02	-17.18
		6.2 GHz to 18 GHz	-37.14	-37.01	-37.33	-37.18	-19.02	-17.99
		18 GHz to 22 GHz	-28.18	-28.49	-28.36	-28.69	-19.02	-9.16
		9 kHz to 150 kHz	-57.48	-55.34	-54.45	-57.66	-49.02	-5.43
		150 kHz to 30 MHz	-43.75	-45.23	-43.99	-44.06	-39.02	-4.73
		30 MHz to 1 GHz	-31.42	-31.18	-31.02	-31.37	-19.02	-12.00
		1GHz to 2.109 GHz	-23.76	-23.84	-24.08	-23.92	-19.02	-4.74
		2.181 GHz to 2.182 GHz	-24.10	-24.93	-23.44	-24.55	-19.02	-4.42
		2.182 GHz to 3 GHz	-21.83	-20.47	-20.67	-21.78	-19.02	-1.45
		3 GHz to 6.2 GHz	-36.06	-36.25	-36.45	-36.47	-19.02	-17.04
		6.2 GHz to 18 GHz	-37.28	-37.32	-37.15	-37.13	-19.02	-18.11
		18 GHz to 22 GHz	-28.13	-28.27	-28.72	-28.45	-19.02	-9.11
	1	9 kHz to 150 kHz	-59.34	-60.32	-53.08	-59.45	-49.02	-4.06
		150 kHz to 30 MHz	-44.78	-45.30	-45.22	-45.20	-39.02	-5.76
		30 MHz to 1 GHz	-31.09	-31.10	-31.12	-30.81	-19.02	-11.79
		1GHz to 2.109 GHz	-23.89	-23.58	-23.66	-23.99	-19.02	-4.56
		2.181 GHz to 2.182 GHz	-25.75	-25.84	-25.16	-25.77	-19.02	-6.14
		2.182 GHz to 3 GHz	-22.11	-21.79	-21.11	-21.75	-19.02	-2.09
		3 GHz to 6.2 GHz	-36.31	-35.99	-36.39	-36.37	-19.02	-16.97
		6.2 GHz to 18 GHz	-37.06	-36.61	-37.20	-37.09	-19.02	-17.59
		18 GHz to 22 GHz	-28.69	-28.60	-28.46	-28.38	-19.02	-9.36
	2	9 kHz to 150 kHz	-59.08	-54.29	-55.39	-60.04	-49.02	-5.27
		150 kHz to 30 MHz	-45.42	-45.42	-45.51	-44.36	-39.02	-5.34
		30 MHz to 1 GHz	-31.00	-31.07	-31.22	-31.13	-19.02	-11.98
		1GHz to 2.109 GHz	-24.43	-24.92	-24.42	-24.93	-19.02	-5.40
		2.181 GHz to 2.182 GHz	-24.99	-25.14	-24.96	-25.21	-19.02	-5.94
		2.182 GHz to 3 GHz	-22.39	-22.95	-22.93	-22.74	-19.02	-3.37
		3 GHz to 6.2 GHz	-36.38	-35.69	-36.31	-36.49	-19.02	-16.67
		6.2 GHz to 18 GHz	-37.13	-37.06	-37.04	-36.86	-19.02	-17.84
		18 GHz to 22 GHz	-28.39	-28.39	-28.24	-28.58	-19.02	-9.22
	3	9 kHz to 150 kHz	-59.55	-59.82	-54.11	-59.50	-49.02	-5.09
		150 kHz to 30 MHz	-46.13	-45.52	-44.64	-46.33	-39.02	-5.62
		30 MHz to 1 GHz	-31.10	-30.97	-30.97	-31.10	-19.02	-11.95
		1GHz to 2.109 GHz	-24.13	-24.18	-23.98	-24.69	-19.02	-4.96
		2.181 GHz to 2.182 GHz	-24.15	-25.10	-25.36	-25.17	-19.02	-5.13
		2.182 GHz to 3 GHz	-21.41	-21.79	-21.39	-21.57	-19.02	-2.37
		3 GHz to 6.2 GHz	-36.33	-36.06	-36.21	-36.76	-19.02	-17.04
		6.2 GHz to 18 GHz	-37.14	-37.19	-37.01	-37.06	-19.02	-17.99
		18 GHz to 22 GHz	-28.50	-28.25	-28.55	-28.71	-19.02	-9.23

Table 8-42. Conducted Spurious Emission Summary Data (LTE_B66_1C_15M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (55) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-59.20	-53.52	-55.47	-56.57	-49.02	-4.50
		150 kHz to 30 MHz	-45.28	-44.62	-43.75	-44.73	-39.02	-4.73
		30 MHz to 1 GHz	-31.47	-31.35	-31.52	-31.38	-19.02	-12.33
		1GHz to 2.108 GHz	-22.08	-22.05	-21.43	-21.96	-19.02	-2.41
		2.108 GHz to 2.109 GHz	-22.16	-22.17	-22.49	-22.72	-19.02	-3.14
		2.181 GHz to 3 GHz	-26.61	-26.92	-26.60	-26.86	-19.02	-7.58
		3 GHz to 6.2 GHz	-29.71	-29.67	-29.51	-29.70	-19.02	-10.49
		6.2 GHz to 18 GHz	-37.17	-36.90	-37.16	-37.12	-19.02	-17.88
		18 GHz to 22 GHz	-28.25	-28.54	-28.66	-28.42	-19.02	-9.23
	1	9 kHz to 150 kHz	-59.27	-56.13	-52.48	-57.70	-49.02	-3.46
		150 kHz to 30 MHz	-46.21	-46.10	-45.54	-44.49	-39.02	-5.47
		30 MHz to 1 GHz	-31.46	-31.04	-31.20	-31.03	-19.02	-12.01
		1GHz to 2.108 GHz	-21.39	-22.16	-21.59	-22.03	-19.02	-2.37
		2.108 GHz to 2.109 GHz	-21.96	-22.18	-22.48	-22.49	-19.02	-2.94
		2.181 GHz to 3 GHz	-27.16	-27.32	-27.16	-27.80	-19.02	-8.14
		3 GHz to 6.2 GHz	-26.49	-26.52	-26.00	-26.41	-19.02	-6.98
		6.2 GHz to 18 GHz	-37.09	-37.22	-37.19	-36.89	-19.02	-17.87
		18 GHz to 22 GHz	-28.71	-28.42	-28.59	-28.22	-19.02	-9.20
	2	9 kHz to 150 kHz	-59.86	-52.53	-56.72	-52.81	-49.02	-3.51
		150 kHz to 30 MHz	-45.09	-46.16	-45.35	-44.73	-39.02	-5.71
		30 MHz to 1 GHz	-31.39	-31.42	-31.38	-31.22	-19.02	-12.20
		1GHz to 2.108 GHz	-23.04	-23.38	-22.86	-22.94	-19.02	-3.84
		2.108 GHz to 2.109 GHz	-23.45	-23.71	-23.21	-23.20	-19.02	-4.18
		2.181 GHz to 3 GHz	-27.35	-28.10	-27.55	-27.77	-19.02	-8.33
		3 GHz to 6.2 GHz	-28.08	-27.90	-27.83	-28.06	-19.02	-8.81
		6.2 GHz to 18 GHz	-37.08	-37.09	-37.21	-37.35	-19.02	-18.06
		18 GHz to 22 GHz	-28.33	-28.69	-28.64	-28.51	-19.02	-9.31
	3	9 kHz to 150 kHz	-52.93	-54.33	-58.04	-57.18	-49.02	-3.91
		150 kHz to 30 MHz	-44.64	-45.32	-44.59	-46.42	-39.02	-5.57
		30 MHz to 1 GHz	-31.39	-31.20	-31.24	-31.20	-19.02	-12.18
		1GHz to 2.108 GHz	-20.53	-21.70	-21.83	-21.84	-19.02	-1.51
		2.108 GHz to 2.109 GHz	-22.29	-22.21	-22.19	-21.90	-19.02	-2.88
		2.181 GHz to 3 GHz	-26.53	-27.43	-27.25	-27.25	-19.02	-7.51
		3 GHz to 6.2 GHz	-28.88	-28.37	-28.60	-28.34	-19.02	-9.32
		6.2 GHz to 18 GHz	-37.32	-37.11	-36.96	-37.37	-19.02	-17.94
		18 GHz to 22 GHz	-28.02	-28.31	-28.37	-28.73	-19.02	-9.00
Mid	0	9 kHz to 150 kHz	-56.59	-52.55	-58.46	-54.60	-49.02	-3.53
		150 kHz to 30 MHz	-44.30	-44.94	-45.56	-44.23	-39.02	-5.21
		30 MHz to 1 GHz	-31.41	-31.35	-31.49	-31.31	-19.02	-12.29
		1GHz to 2.109 GHz	-24.10	-24.01	-24.11	-23.86	-19.02	-4.84
		2.181 GHz to 3 GHz	-26.93	-26.91	-26.72	-26.79	-19.02	-7.70
		3 GHz to 6.2 GHz	-29.75	-29.55	-29.48	-29.40	-19.02	-10.38
		6.2 GHz to 18 GHz	-37.12	-37.10	-36.90	-37.11	-19.02	-17.88
		18 GHz to 22 GHz	-28.36	-28.63	-28.15	-27.90	-19.02	-8.88
	1	9 kHz to 150 kHz	-53.28	-59.30	-59.03	-58.01	-49.02	-4.26
		150 kHz to 30 MHz	-45.08	-44.93	-44.31	-45.10	-39.02	-5.29
		30 MHz to 1 GHz	-30.96	-30.94	-31.16	-31.24	-19.02	-11.92
		1GHz to 2.109 GHz	-23.80	-23.50	-23.49	-23.37	-19.02	-4.35
		2.181 GHz to 3 GHz	-27.39	-27.26	-27.04	-26.87	-19.02	-7.85
		3 GHz to 6.2 GHz	-26.46	-26.57	-26.60	-26.79	-19.02	-7.44
		6.2 GHz to 18 GHz	-37.15	-37.13	-37.20	-36.79	-19.02	-17.77
		18 GHz to 22 GHz	-28.60	-28.42	-28.52	-28.20	-19.02	-9.18
	2	9 kHz to 150 kHz	-56.95	-56.20	-58.08	-56.05	-49.02	-7.03
		150 kHz to 30 MHz	-44.34	-45.78	-45.73	-45.45	-39.02	-5.32
		30 MHz to 1 GHz	-31.25	-31.31	-31.25	-31.21	-19.02	-12.19

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (56) / (104) pages

High	3	1GHz to 2.109 GHz	-24.85	-24.77	-25.22	-25.15	-19.02	-5.75
		2.181 GHz to 3 GHz	-27.91	-28.08	-27.79	-28.33	-19.02	-8.77
		3 GHz to 6.2 GHz	-28.10	-28.14	-27.78	-27.98	-19.02	-8.76
		6.2 GHz to 18 GHz	-37.11	-37.17	-37.07	-37.16	-19.02	-18.05
		18 GHz to 22 GHz	-28.28	-28.12	-28.43	-28.44	-19.02	-9.10
		9 kHz to 150 kHz	-57.26	-59.50	-57.32	-53.09	-49.02	-4.07
		150 kHz to 30 MHz	-45.80	-46.22	-44.10	-45.37	-39.02	-5.08
		30 MHz to 1 GHz	-30.99	-31.06	-31.05	-31.12	-19.02	-11.97
		1GHz to 2.109 GHz	-24.72	-24.10	-24.00	-24.18	-19.02	-4.98
		2.181 GHz to 3 GHz	-27.07	-27.35	-27.25	-27.46	-19.02	-8.05
	0	3 GHz to 6.2 GHz	-28.26	-28.24	-28.54	-28.72	-19.02	-9.22
		6.2 GHz to 18 GHz	-37.08	-37.07	-37.06	-37.10	-19.02	-18.04
		18 GHz to 22 GHz	-28.41	-28.72	-28.28	-28.45	-19.02	-9.26
		9 kHz to 150 kHz	-58.12	-58.48	-56.94	-54.06	-49.02	-5.04
		150 kHz to 30 MHz	-44.87	-44.62	-45.87	-45.72	-39.02	-5.60
		30 MHz to 1 GHz	-31.28	-31.26	-31.19	-31.17	-19.02	-12.15
		1GHz to 2.109 GHz	-24.07	-23.59	-24.10	-23.75	-19.02	-4.57
		2.181 GHz to 2.182 GHz	-22.48	-22.73	-22.59	-22.75	-19.02	-3.46
		2.182 GHz to 3 GHz	-22.14	-22.29	-22.07	-21.22	-19.02	-2.20
		3 GHz to 6.2 GHz	-29.02	-29.54	-29.31	-29.47	-19.02	-10.00
		6.2 GHz to 18 GHz	-37.23	-37.19	-36.64	-36.63	-19.02	-17.61
High	1	18 GHz to 22 GHz	-28.50	-28.72	-28.51	-28.54	-19.02	-9.48
		9 kHz to 150 kHz	-58.08	-59.92	-57.01	-53.82	-49.02	-4.80
		150 kHz to 30 MHz	-44.54	-45.99	-44.92	-43.75	-39.02	-4.73
		30 MHz to 1 GHz	-31.02	-31.04	-31.10	-31.16	-19.02	-12.00
		1GHz to 2.109 GHz	-24.02	-23.39	-23.78	-23.69	-19.02	-4.37
		2.181 GHz to 2.182 GHz	-22.55	-22.28	-22.34	-22.45	-19.02	-3.26
		2.182 GHz to 3 GHz	-21.41	-22.12	-21.76	-21.80	-19.02	-2.39
		3 GHz to 6.2 GHz	-26.28	-26.22	-26.37	-26.74	-19.02	-7.20
		6.2 GHz to 18 GHz	-36.83	-37.18	-36.74	-37.03	-19.02	-17.72
		18 GHz to 22 GHz	-28.56	-28.48	-28.29	-28.49	-19.02	-9.27
	2	9 kHz to 150 kHz	-58.02	-59.31	-57.25	-58.64	-49.02	-8.23
		150 kHz to 30 MHz	-44.43	-44.97	-45.65	-45.34	-39.02	-5.41
		30 MHz to 1 GHz	-30.79	-31.18	-31.03	-31.18	-19.02	-11.77
		1GHz to 2.109 GHz	-25.41	-25.19	-24.81	-24.73	-19.02	-5.71
		2.181 GHz to 2.182 GHz	-23.41	-23.76	-23.46	-23.00	-19.02	-3.98
		2.182 GHz to 3 GHz	-23.27	-23.36	-22.27	-22.62	-19.02	-3.25
		3 GHz to 6.2 GHz	-28.09	-28.32	-27.93	-27.78	-19.02	-8.76
		6.2 GHz to 18 GHz	-37.07	-36.77	-36.80	-36.77	-19.02	-17.75
	3	18 GHz to 22 GHz	-28.75	-28.35	-28.63	-28.29	-19.02	-9.27
		9 kHz to 150 kHz	-55.16	-56.79	-59.56	-59.23	-49.02	-6.14
		150 kHz to 30 MHz	-46.15	-45.64	-46.04	-44.71	-39.02	-5.69
		30 MHz to 1 GHz	-31.17	-30.88	-31.11	-29.55	-19.02	-10.53
		1GHz to 2.109 GHz	-24.09	-24.38	-24.31	-24.42	-19.02	-5.07
		2.181 GHz to 2.182 GHz	-22.71	-23.25	-22.09	-22.81	-19.02	-3.07
		2.182 GHz to 3 GHz	-22.58	-22.45	-21.99	-22.45	-19.02	-2.97
		3 GHz to 6.2 GHz	-28.79	-28.74	-28.00	-28.13	-19.02	-8.98
		6.2 GHz to 18 GHz	-36.90	-37.11	-37.07	-36.93	-19.02	-17.88
		18 GHz to 22 GHz	-28.24	-28.71	-28.03	-28.47	-19.02	-9.01

Table 8-43. Conducted Spurious Emission Summary Data (LTE_B66_1C_20M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (57) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-60.31	-54.73	-60.20	-60.09	-49.02	-5.71
		150 kHz to 30 MHz	-44.93	-44.83	-44.11	-44.63	-39.02	-5.09
		30 MHz to 1 GHz	-31.02	-31.11	-31.06	-31.19	-19.02	-12.00
		1GHz to 2.108 GHz	-21.11	-20.89	-21.03	-21.74	-19.02	-1.87
		2.108 GHz to 2.109 GHz	-21.84	-21.14	-21.72	-21.61	-19.02	-2.12
		2.181 GHz to 3 GHz	-27.07	-27.33	-27.30	-27.27	-19.02	-8.05
		3 GHz to 6.2 GHz	-29.29	-29.74	-29.47	-29.54	-19.02	-10.27
		6.2 GHz to 18 GHz	-36.81	-37.11	-37.52	-36.95	-19.02	-17.79
		18 GHz to 22 GHz	-28.75	-28.43	-28.50	-28.86	-19.02	-9.41
	1	9 kHz to 150 kHz	-60.31	-53.68	-56.17	-56.11	-49.02	-4.66
		150 kHz to 30 MHz	-45.24	-46.25	-46.07	-43.84	-39.02	-4.82
		30 MHz to 1 GHz	-30.74	-31.13	-31.12	-31.14	-19.02	-11.72
		1GHz to 2.108 GHz	-21.48	-21.31	-21.75	-21.59	-19.02	-2.29
		2.108 GHz to 2.109 GHz	-21.52	-21.19	-21.18	-21.56	-19.02	-2.16
		2.181 GHz to 3 GHz	-27.39	-27.65	-27.52	-27.49	-19.02	-8.37
		3 GHz to 6.2 GHz	-26.54	-26.53	-26.43	-26.39	-19.02	-7.37
		6.2 GHz to 18 GHz	-37.47	-37.17	-37.39	-37.19	-19.02	-18.15
		18 GHz to 22 GHz	-28.61	-28.36	-28.64	-28.92	-19.02	-9.34
	2	9 kHz to 150 kHz	-60.29	-57.39	-60.53	-58.58	-49.02	-8.37
		150 kHz to 30 MHz	-45.68	-45.87	-45.54	-44.80	-39.02	-5.78
		30 MHz to 1 GHz	-31.03	-30.92	-31.16	-30.88	-19.02	-11.86
		1GHz to 2.108 GHz	-22.82	-22.53	-22.56	-22.04	-19.02	-3.02
		2.108 GHz to 2.109 GHz	-22.71	-22.77	-22.81	-21.46	-19.02	-2.44
		2.181 GHz to 3 GHz	-28.15	-28.31	-28.14	-28.25	-19.02	-9.12
		3 GHz to 6.2 GHz	-27.99	-27.78	-28.08	-27.99	-19.02	-8.76
		6.2 GHz to 18 GHz	-36.97	-37.34	-37.49	-37.27	-19.02	-17.95
		18 GHz to 22 GHz	-28.77	-28.62	-28.69	-28.39	-19.02	-9.37
	3	9 kHz to 150 kHz	-60.61	-56.41	-55.90	-58.75	-49.02	-6.88
		150 kHz to 30 MHz	-44.34	-44.45	-44.95	-45.22	-39.02	-5.32
		30 MHz to 1 GHz	-30.84	-30.86	-31.03	-30.84	-19.02	-11.82
		1GHz to 2.108 GHz	-20.23	-21.02	-22.28	-21.52	-19.02	-1.21
		2.108 GHz to 2.109 GHz	-21.88	-21.64	-21.87	-21.63	-19.02	-2.61
		2.181 GHz to 3 GHz	-27.33	-27.90	-27.93	-27.39	-19.02	-8.31
		3 GHz to 6.2 GHz	-28.54	-28.48	-28.60	-28.35	-19.02	-9.33
		6.2 GHz to 18 GHz	-37.34	-37.50	-37.09	-37.28	-19.02	-18.07
		18 GHz to 22 GHz	-28.64	-28.68	-28.82	-28.47	-19.02	-9.45
Mid	0	9 kHz to 150 kHz	-56.63	-57.12	-56.56	-56.49	-49.02	-7.47
		150 kHz to 30 MHz	-44.73	-44.03	-45.11	-46.05	-39.02	-5.01
		30 MHz to 1 GHz	-31.22	-31.04	-31.06	-30.68	-19.02	-11.66
		1GHz to 2.109 GHz	-23.73	-24.16	-24.29	-23.99	-19.02	-4.71
		2.181 GHz to 3 GHz	-26.99	-27.27	-27.15	-27.01	-19.02	-7.97
		3 GHz to 6.2 GHz	-29.71	-29.59	-29.18	-29.40	-19.02	-10.16
		6.2 GHz to 18 GHz	-37.31	-37.13	-37.11	-37.40	-19.02	-18.09
	1	18 GHz to 22 GHz	-28.62	-28.90	-28.57	-28.59	-19.02	-9.55
		9 kHz to 150 kHz	-57.51	-56.70	-57.18	-56.72	-49.02	-7.68
		150 kHz to 30 MHz	-45.22	-44.34	-44.40	-45.65	-39.02	-5.32
		30 MHz to 1 GHz	-30.80	-31.17	-30.89	-30.93	-19.02	-11.78
		1GHz to 2.109 GHz	-23.55	-23.63	-23.68	-24.12	-19.02	-4.53
		2.181 GHz to 3 GHz	-27.48	-27.88	-27.39	-27.99	-19.02	-8.37
		3 GHz to 6.2 GHz	-26.14	-26.35	-26.61	-26.21	-19.02	-7.12
		6.2 GHz to 18 GHz	-37.24	-36.79	-37.05	-37.47	-19.02	-17.77
		18 GHz to 22 GHz	-28.62	-28.70	-28.49	-28.87	-19.02	-9.47
	2	9 kHz to 150 kHz	-56.49	-57.07	-56.96	-56.81	-49.02	-7.47
		150 kHz to 30 MHz	-44.80	-45.83	-45.68	-44.28	-39.02	-5.26
		30 MHz to 1 GHz	-31.17	-31.07	-31.12	-30.86	-19.02	-11.84

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (58) / (104) pages

High	3	1GHz to 2.109 GHz	-25.02	-24.74	-25.12	-25.24	-19.02	-5.72
		2.181 GHz to 3 GHz	-28.18	-28.24	-28.50	-28.69	-19.02	-9.16
		3 GHz to 6.2 GHz	-27.75	-27.95	-27.70	-27.96	-19.02	-8.68
		6.2 GHz to 18 GHz	-36.89	-37.22	-37.11	-37.37	-19.02	-17.87
		18 GHz to 22 GHz	-28.30	-28.65	-28.57	-28.63	-19.02	-9.28
		9 kHz to 150 kHz	-56.61	-57.15	-56.56	-56.57	-49.02	-7.54
		150 kHz to 30 MHz	-44.66	-43.66	-45.78	-43.84	-39.02	-4.64
		30 MHz to 1 GHz	-30.71	-30.88	-30.60	-30.91	-19.02	-11.58
		1GHz to 2.109 GHz	-24.20	-24.35	-24.25	-24.21	-19.02	-5.18
		2.181 GHz to 3 GHz	-27.55	-27.58	-27.13	-27.58	-19.02	-8.11
	0	3 GHz to 6.2 GHz	-28.46	-28.23	-28.44	-28.22	-19.02	-9.20
		6.2 GHz to 18 GHz	-37.46	-37.16	-37.32	-37.05	-19.02	-18.03
		18 GHz to 22 GHz	-28.56	-28.73	-28.19	-28.71	-19.02	-9.17
		9 kHz to 150 kHz	-56.86	-56.67	-60.13	-60.12	-49.02	-7.65
		150 kHz to 30 MHz	-44.86	-44.02	-45.59	-45.40	-39.02	-5.00
		30 MHz to 1 GHz	-31.20	-31.21	-31.11	-31.05	-19.02	-12.03
		1GHz to 2.109 GHz	-24.26	-23.49	-23.95	-23.74	-19.02	-4.47
		2.181 GHz to 2.182 GHz	-21.27	-21.59	-20.65	-21.84	-19.02	-1.63
		2.182 GHz to 3 GHz	-20.40	-20.37	-21.31	-21.08	-19.02	-1.35
		3 GHz to 6.2 GHz	-29.62	-29.10	-29.35	-29.61	-19.02	-10.08
		6.2 GHz to 18 GHz	-37.31	-37.07	-37.27	-37.50	-19.02	-18.05
High	1	18 GHz to 22 GHz	-28.78	-28.68	-28.44	-28.67	-19.02	-9.42
		9 kHz to 150 kHz	-54.96	-56.63	-60.08	-61.03	-49.02	-5.94
		150 kHz to 30 MHz	-44.81	-43.74	-44.77	-44.52	-39.02	-4.72
		30 MHz to 1 GHz	-30.94	-30.83	-30.55	-31.00	-19.02	-11.53
		1GHz to 2.109 GHz	-23.53	-23.34	-23.46	-23.26	-19.02	-4.24
		2.181 GHz to 2.182 GHz	-21.16	-21.15	-21.69	-21.59	-19.02	-2.13
		2.182 GHz to 3 GHz	-20.76	-21.23	-20.61	-20.10	-19.02	-1.08
		3 GHz to 6.2 GHz	-26.34	-26.59	-26.12	-26.47	-19.02	-7.10
		6.2 GHz to 18 GHz	-37.20	-37.11	-37.44	-36.30	-19.02	-17.28
		18 GHz to 22 GHz	-28.57	-28.78	-28.62	-28.56	-19.02	-9.54
	2	9 kHz to 150 kHz	-56.52	-56.62	-58.95	-60.44	-49.02	-7.50
		150 kHz to 30 MHz	-44.46	-44.45	-45.95	-45.38	-39.02	-5.43
		30 MHz to 1 GHz	-30.86	-31.03	-31.14	-30.84	-19.02	-11.82
		1GHz to 2.109 GHz	-24.84	-24.76	-24.62	-24.52	-19.02	-5.50
		2.181 GHz to 2.182 GHz	-22.54	-21.99	-22.44	-22.80	-19.02	-2.97
		2.182 GHz to 3 GHz	-21.32	-21.04	-20.99	-21.86	-19.02	-1.97
		3 GHz to 6.2 GHz	-27.59	-27.89	-27.99	-27.95	-19.02	-8.57
		6.2 GHz to 18 GHz	-37.29	-36.94	-37.28	-37.30	-19.02	-17.92
	3	18 GHz to 22 GHz	-28.94	-28.03	-28.52	-28.32	-19.02	-9.01
		9 kHz to 150 kHz	-56.38	-56.66	-60.36	-60.31	-49.02	-7.36
		150 kHz to 30 MHz	-43.84	-44.08	-44.51	-44.24	-39.02	-4.82
		30 MHz to 1 GHz	-30.92	-30.78	-30.99	-30.98	-19.02	-11.76
		1GHz to 2.109 GHz	-24.05	-24.39	-24.52	-24.14	-19.02	-5.03
		2.181 GHz to 2.182 GHz	-21.35	-22.01	-21.92	-22.26	-19.02	-2.33
		2.182 GHz to 3 GHz	-20.53	-20.26	-20.30	-21.06	-19.02	-1.24
		3 GHz to 6.2 GHz	-28.70	-28.60	-28.43	-28.34	-19.02	-9.32
		6.2 GHz to 18 GHz	-36.97	-37.35	-37.38	-37.06	-19.02	-17.95
		18 GHz to 22 GHz	-28.07	-28.70	-28.71	-28.49	-19.02	-9.05

Table 8-44. Conducted Spurious Emission Summary Data (NR_n66_1C_10M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (59) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-60.00	-59.75	-59.03	-59.40	-49.02	-10.01
		150 kHz to 30 MHz	-43.50	-45.22	-45.11	-44.95	-39.02	-4.48
		30 MHz to 1 GHz	-31.24	-31.05	-31.18	-31.03	-19.02	-12.01
		1GHz to 2.108 GHz	-20.66	-21.60	-21.42	-21.81	-19.02	-1.64
		2.108 GHz to 2.109 GHz	-22.19	-22.01	-22.31	-22.06	-19.02	-2.99
		2.181 GHz to 3 GHz	-26.91	-27.14	-27.28	-27.30	-19.02	-7.89
		3 GHz to 6.2 GHz	-29.72	-29.54	-28.55	-29.48	-19.02	-9.53
		6.2 GHz to 18 GHz	-37.25	-37.06	-37.29	-37.15	-19.02	-18.04
		18 GHz to 22 GHz	-28.91	-28.79	-28.71	-28.63	-19.02	-9.61
	1	9 kHz to 150 kHz	-55.35	-60.18	-60.78	-58.83	-49.02	-6.33
		150 kHz to 30 MHz	-44.63	-44.78	-43.83	-46.28	-39.02	-4.81
		30 MHz to 1 GHz	-30.89	-30.93	-31.23	-30.88	-19.02	-11.86
		1GHz to 2.108 GHz	-21.46	-22.63	-21.70	-21.89	-19.02	-2.44
		2.108 GHz to 2.109 GHz	-21.82	-22.34	-22.15	-21.80	-19.02	-2.78
		2.181 GHz to 3 GHz	-27.34	-27.34	-27.25	-27.69	-19.02	-8.23
		3 GHz to 6.2 GHz	-26.61	-26.26	-26.32	-26.37	-19.02	-7.24
		6.2 GHz to 18 GHz	-37.29	-37.21	-37.06	-37.00	-19.02	-17.98
		18 GHz to 22 GHz	-28.73	-28.74	-28.33	-28.53	-19.02	-9.31
	2	9 kHz to 150 kHz	-57.93	-60.57	-53.96	-58.63	-49.02	-4.94
		150 kHz to 30 MHz	-44.70	-44.43	-45.47	-44.95	-39.02	-5.41
		30 MHz to 1 GHz	-30.93	-30.83	-30.99	-31.07	-19.02	-11.81
		1GHz to 2.108 GHz	-21.60	-22.54	-22.79	-22.72	-19.02	-2.58
		2.108 GHz to 2.109 GHz	-23.06	-22.83	-23.05	-23.38	-19.02	-3.81
		2.181 GHz to 3 GHz	-27.61	-27.64	-27.63	-27.17	-19.02	-8.15
		3 GHz to 6.2 GHz	-27.64	-28.11	-27.68	-28.04	-19.02	-8.62
		6.2 GHz to 18 GHz	-37.47	-37.23	-36.85	-37.31	-19.02	-17.83
		18 GHz to 22 GHz	-28.55	-28.25	-28.58	-28.37	-19.02	-9.23
	3	9 kHz to 150 kHz	-59.54	-60.19	-56.44	-58.26	-49.02	-7.42
		150 kHz to 30 MHz	-44.67	-45.14	-45.43	-44.04	-39.02	-5.02
		30 MHz to 1 GHz	-30.89	-31.09	-31.02	-31.04	-19.02	-11.87
		1GHz to 2.108 GHz	-22.11	-21.75	-22.25	-21.72	-19.02	-2.70
		2.108 GHz to 2.109 GHz	-22.18	-22.07	-21.56	-22.90	-19.02	-2.54
		2.181 GHz to 3 GHz	-27.60	-27.55	-27.60	-27.84	-19.02	-8.53
		3 GHz to 6.2 GHz	-28.44	-28.28	-28.63	-28.61	-19.02	-9.26
		6.2 GHz to 18 GHz	-37.28	-37.06	-37.27	-37.23	-19.02	-18.04
		18 GHz to 22 GHz	-28.46	-28.85	-28.59	-28.16	-19.02	-9.14
Mid	0	9 kHz to 150 kHz	-54.13	-56.68	-60.71	-60.46	-49.02	-5.11
		150 kHz to 30 MHz	-45.30	-45.71	-44.02	-45.94	-39.02	-5.00
		30 MHz to 1 GHz	-31.28	-31.19	-31.26	-31.28	-19.02	-12.17
		1GHz to 2.109 GHz	-24.14	-23.97	-24.13	-24.26	-19.02	-4.95
		2.181 GHz to 3 GHz	-27.01	-27.11	-27.12	-27.26	-19.02	-7.99
		3 GHz to 6.2 GHz	-29.41	-29.49	-29.59	-29.56	-19.02	-10.39
		6.2 GHz to 18 GHz	-37.22	-37.21	-37.21	-37.10	-19.02	-18.08
		18 GHz to 22 GHz	-28.76	-28.49	-28.34	-28.60	-19.02	-9.32
	1	9 kHz to 150 kHz	-56.28	-54.47	-59.58	-61.09	-49.02	-5.45
		150 kHz to 30 MHz	-44.99	-43.42	-45.35	-45.05	-39.02	-4.40
		30 MHz to 1 GHz	-30.97	-31.12	-31.11	-30.84	-19.02	-11.82
		1GHz to 2.109 GHz	-23.91	-23.71	-23.63	-24.01	-19.02	-4.61
		2.181 GHz to 3 GHz	-27.98	-27.37	-27.66	-27.73	-19.02	-8.35
		3 GHz to 6.2 GHz	-26.37	-26.67	-26.38	-26.25	-19.02	-7.23
		6.2 GHz to 18 GHz	-37.08	-36.83	-37.05	-37.36	-19.02	-17.81
		18 GHz to 22 GHz	-28.82	-28.76	-28.69	-28.50	-19.02	-9.48
	2	9 kHz to 150 kHz	-54.06	-60.49	-55.03	-56.29	-49.02	-5.04
		150 kHz to 30 MHz	-43.11	-44.31	-46.09	-45.02	-39.02	-4.09
		30 MHz to 1 GHz	-31.13	-31.15	-31.06	-31.25	-19.02	-12.04

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (60) / (104) pages

		1GHz to 2.109 GHz	-25.22	-24.86	-25.11	-24.96	-19.02	-5.84
		2.181 GHz to 3 GHz	-28.38	-28.33	-28.10	-28.18	-19.02	-9.08
3		3 GHz to 6.2 GHz	-27.96	-27.97	-27.53	-28.01	-19.02	-8.51
		6.2 GHz to 18 GHz	-37.27	-37.38	-36.96	-37.43	-19.02	-17.94
		18 GHz to 22 GHz	-28.30	-28.61	-28.56	-28.49	-19.02	-9.28
		9 kHz to 150 kHz	-59.32	-60.74	-56.77	-55.90	-49.02	-6.88
		150 kHz to 30 MHz	-46.11	-44.61	-45.91	-45.17	-39.02	-5.59
		30 MHz to 1 GHz	-30.97	-31.08	-31.08	-30.48	-19.02	-11.46
		1GHz to 2.109 GHz	-24.09	-24.29	-24.53	-24.28	-19.02	-5.07
		2.181 GHz to 3 GHz	-27.20	-27.38	-27.52	-27.75	-19.02	-8.18
		3 GHz to 6.2 GHz	-28.44	-28.43	-28.29	-28.44	-19.02	-9.27
		6.2 GHz to 18 GHz	-37.05	-36.94	-36.91	-37.19	-19.02	-17.89
High	0	18 GHz to 22 GHz	-28.85	-28.66	-28.75	-28.72	-19.02	-9.64
		9 kHz to 150 kHz	-58.49	-53.67	-55.44	-55.40	-49.02	-4.65
		150 kHz to 30 MHz	-45.33	-44.42	-43.86	-45.80	-39.02	-4.84
		30 MHz to 1 GHz	-31.32	-31.21	-31.26	-31.24	-19.02	-12.19
		1GHz to 2.109 GHz	-23.82	-24.07	-23.51	-23.91	-19.02	-4.49
		2.181 GHz to 2.182 GHz	-22.16	-22.11	-21.16	-22.20	-19.02	-2.14
		2.182 GHz to 3 GHz	-20.05	-21.26	-21.30	-21.18	-19.02	-1.03
		3 GHz to 6.2 GHz	-29.23	-29.49	-29.41	-29.19	-19.02	-10.17
		6.2 GHz to 18 GHz	-37.40	-37.03	-37.28	-37.45	-19.02	-18.01
		18 GHz to 22 GHz	-28.72	-28.71	-28.81	-28.70	-19.02	-9.68
	1	9 kHz to 150 kHz	-55.86	-61.11	-53.72	-54.11	-49.02	-4.70
		150 kHz to 30 MHz	-45.65	-45.61	-45.34	-44.84	-39.02	-5.82
		30 MHz to 1 GHz	-31.11	-31.10	-30.96	-31.14	-19.02	-11.94
		1GHz to 2.109 GHz	-23.83	-23.81	-23.40	-23.89	-19.02	-4.38
		2.181 GHz to 2.182 GHz	-22.29	-21.38	-22.00	-21.84	-19.02	-2.36
		2.182 GHz to 3 GHz	-21.99	-21.86	-21.41	-21.39	-19.02	-2.37
		3 GHz to 6.2 GHz	-26.57	-26.20	-26.62	-26.20	-19.02	-7.18
		6.2 GHz to 18 GHz	-37.13	-36.83	-37.54	-37.02	-19.02	-17.81
	2	18 GHz to 22 GHz	-28.74	-28.64	-28.56	-28.63	-19.02	-9.54
		9 kHz to 150 kHz	-56.13	-60.05	-60.49	-54.27	-49.02	-5.25
		150 kHz to 30 MHz	-44.76	-45.03	-45.13	-45.09	-39.02	-5.74
		30 MHz to 1 GHz	-31.08	-31.00	-31.08	-31.00	-19.02	-11.98
		1GHz to 2.109 GHz	-24.81	-25.17	-24.98	-24.72	-19.02	-5.70
		2.181 GHz to 2.182 GHz	-23.14	-23.36	-23.36	-22.73	-19.02	-3.71
		2.182 GHz to 3 GHz	-22.48	-23.00	-22.76	-22.56	-19.02	-3.46
		3 GHz to 6.2 GHz	-28.12	-28.11	-27.75	-28.14	-19.02	-8.73
	3	6.2 GHz to 18 GHz	-37.23	-37.41	-37.27	-37.13	-19.02	-18.11
		18 GHz to 22 GHz	-28.62	-28.76	-28.34	-28.64	-19.02	-9.32
		9 kHz to 150 kHz	-57.20	-55.49	-60.60	-60.54	-49.02	-6.47
		150 kHz to 30 MHz	-45.88	-44.09	-45.40	-43.77	-39.02	-4.75
		30 MHz to 1 GHz	-31.01	-30.86	-30.52	-31.09	-19.02	-11.50
		1GHz to 2.109 GHz	-24.01	-24.09	-24.33	-24.33	-19.02	-4.99
		2.181 GHz to 2.182 GHz	-22.28	-22.55	-21.93	-22.48	-19.02	-2.91
		2.182 GHz to 3 GHz	-21.11	-22.60	-21.10	-21.45	-19.02	-2.08
		3 GHz to 6.2 GHz	-28.36	-28.32	-28.46	-28.51	-19.02	-9.30
		6.2 GHz to 18 GHz	-37.46	-36.98	-37.16	-37.12	-19.02	-17.96
		18 GHz to 22 GHz	-28.54	-28.68	-27.35	-28.78	-19.02	-8.33

Table 8-45. Conducted Spurious Emission Summary Data (NR_n66_1C_15M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (61) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-60.67	-56.44	-56.19	-58.56	-49.02	-7.17
		150 kHz to 30 MHz	-45.03	-45.48	-45.39	-46.13	-39.02	-6.01
		30 MHz to 1 GHz	-31.11	-31.03	-31.15	-31.29	-19.02	-12.01
		1GHz to 2.108 GHz	-21.61	-21.62	-21.61	-21.91	-19.02	-2.59
		2.108 GHz to 2.109 GHz	-22.89	-22.53	-22.32	-22.72	-19.02	-3.30
		2.181 GHz to 3 GHz	-27.17	-27.43	-27.23	-27.30	-19.02	-8.15
		3 GHz to 6.2 GHz	-29.02	-29.35	-29.09	-29.38	-19.02	-10.00
		6.2 GHz to 18 GHz	-36.90	-37.25	-37.25	-37.31	-19.02	-17.88
		18 GHz to 22 GHz	-28.61	-28.38	-28.47	-28.43	-19.02	-9.36
	1	9 kHz to 150 kHz	-61.19	-56.75	-56.22	-61.30	-49.02	-7.20
		150 kHz to 30 MHz	-46.16	-44.06	-45.68	-45.88	-39.02	-5.04
		30 MHz to 1 GHz	-31.19	-30.86	-30.72	-30.99	-19.02	-11.70
		1GHz to 2.108 GHz	-22.40	-21.76	-21.90	-22.16	-19.02	-2.74
		2.108 GHz to 2.109 GHz	-22.51	-22.49	-22.52	-20.76	-19.02	-1.74
		2.181 GHz to 3 GHz	-27.51	-27.65	-27.81	-27.55	-19.02	-8.49
		3 GHz to 6.2 GHz	-26.59	-26.16	-26.54	-26.11	-19.02	-7.09
		6.2 GHz to 18 GHz	-36.73	-36.85	-37.11	-37.33	-19.02	-17.71
		18 GHz to 22 GHz	-28.73	-28.45	-28.60	-28.55	-19.02	-9.43
	2	9 kHz to 150 kHz	-60.75	-56.76	-56.95	-60.05	-49.02	-7.74
		150 kHz to 30 MHz	-44.70	-45.06	-44.93	-43.18	-39.02	-4.16
		30 MHz to 1 GHz	-31.30	-31.01	-31.06	-31.03	-19.02	-11.99
		1GHz to 2.108 GHz	-22.86	-22.84	-22.59	-23.31	-19.02	-3.57
		2.108 GHz to 2.109 GHz	-23.48	-23.42	-22.78	-23.19	-19.02	-3.76
		2.181 GHz to 3 GHz	-27.27	-27.70	-27.53	-27.78	-19.02	-8.25
		3 GHz to 6.2 GHz	-27.98	-27.94	-27.80	-27.84	-19.02	-8.78
		6.2 GHz to 18 GHz	-37.25	-37.21	-36.98	-37.31	-19.02	-17.96
		18 GHz to 22 GHz	-28.70	-28.63	-28.94	-28.71	-19.02	-9.61
	3	9 kHz to 150 kHz	-60.54	-58.98	-56.66	-55.82	-49.02	-6.80
		150 kHz to 30 MHz	-45.58	-43.83	-45.51	-44.68	-39.02	-4.81
		30 MHz to 1 GHz	-30.71	-31.00	-31.01	-30.99	-19.02	-11.69
		1GHz to 2.108 GHz	-21.61	-22.44	-22.61	-22.38	-19.02	-2.59
		2.108 GHz to 2.109 GHz	-22.29	-21.62	-22.43	-22.47	-19.02	-2.60
		2.181 GHz to 3 GHz	-26.75	-26.58	-26.89	-27.21	-19.02	-7.56
		3 GHz to 6.2 GHz	-28.30	-28.04	-28.42	-28.34	-19.02	-9.02
		6.2 GHz to 18 GHz	-37.21	-37.37	-37.25	-37.28	-19.02	-18.19
		18 GHz to 22 GHz	-28.84	-28.54	-28.63	-28.67	-19.02	-9.52
Mid	0	9 kHz to 150 kHz	-55.05	-60.32	-60.38	-54.72	-49.02	-5.70
		150 kHz to 30 MHz	-45.54	-44.17	-44.48	-43.92	-39.02	-4.90
		30 MHz to 1 GHz	-31.23	-31.10	-31.27	-31.21	-19.02	-12.08
		1GHz to 2.109 GHz	-24.07	-24.14	-23.92	-24.10	-19.02	-4.90
		2.181 GHz to 3 GHz	-26.97	-27.03	-27.18	-26.94	-19.02	-7.92
		3 GHz to 6.2 GHz	-29.73	-29.19	-29.53	-29.53	-19.02	-10.17
		6.2 GHz to 18 GHz	-37.12	-36.90	-37.30	-37.26	-19.02	-17.88
		18 GHz to 22 GHz	-28.57	-28.48	-28.68	-28.74	-19.02	-9.46
	1	9 kHz to 150 kHz	-55.05	-61.48	-61.45	-55.60	-49.02	-6.03
		150 kHz to 30 MHz	-44.38	-45.73	-45.37	-44.61	-39.02	-5.36
		30 MHz to 1 GHz	-30.92	-30.91	-31.01	-31.04	-19.02	-11.89
		1GHz to 2.109 GHz	-23.86	-23.72	-23.73	-23.74	-19.02	-4.70
		2.181 GHz to 3 GHz	-26.99	-27.67	-27.45	-27.05	-19.02	-7.97
		3 GHz to 6.2 GHz	-26.17	-26.54	-26.21	-25.84	-19.02	-6.82
		6.2 GHz to 18 GHz	-36.90	-37.21	-37.31	-36.80	-19.02	-17.78
		18 GHz to 22 GHz	-28.48	-28.42	-28.66	-28.68	-19.02	-9.40
	2	9 kHz to 150 kHz	-55.37	-60.42	-60.57	-54.90	-49.02	-5.88
		150 kHz to 30 MHz	-44.24	-45.63	-43.89	-46.51	-39.02	-4.87
		30 MHz to 1 GHz	-30.92	-31.13	-30.86	-30.78	-19.02	-11.76

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (62) / (104) pages

High	3	1GHz to 2.109 GHz	-24.97	-25.18	-25.05	-25.02	-19.02	-5.95
		2.181 GHz to 3 GHz	-27.95	-27.66	-28.30	-28.27	-19.02	-8.64
		3 GHz to 6.2 GHz	-27.89	-27.80	-27.51	-28.05	-19.02	-8.49
		6.2 GHz to 18 GHz	-37.16	-36.93	-36.90	-36.91	-19.02	-17.88
		18 GHz to 22 GHz	-28.43	-28.45	-28.38	-28.59	-19.02	-9.36
		9 kHz to 150 kHz	-55.12	-59.49	-60.71	-54.73	-49.02	-5.71
		150 kHz to 30 MHz	-45.77	-45.53	-44.18	-44.76	-39.02	-5.16
		30 MHz to 1 GHz	-31.01	-31.01	-30.87	-30.95	-19.02	-11.85
		1GHz to 2.109 GHz	-24.05	-24.46	-24.04	-24.36	-19.02	-5.02
		2.181 GHz to 3 GHz	-27.27	-27.56	-27.30	-27.06	-19.02	-8.04
	0	3 GHz to 6.2 GHz	-27.99	-28.28	-28.16	-28.49	-19.02	-8.97
		6.2 GHz to 18 GHz	-36.95	-36.93	-37.02	-37.20	-19.02	-17.91
		18 GHz to 22 GHz	-28.87	-28.63	-28.73	-28.66	-19.02	-9.61
		9 kHz to 150 kHz	-54.04	-60.81	-57.34	-57.30	-49.02	-5.02
		150 kHz to 30 MHz	-44.16	-46.10	-45.11	-45.17	-39.02	-5.14
		30 MHz to 1 GHz	-31.26	-30.82	-31.17	-31.24	-19.02	-11.80
		1GHz to 2.109 GHz	-23.40	-23.56	-24.03	-24.17	-19.02	-4.38
		2.181 GHz to 2.182 GHz	-22.39	-21.84	-22.17	-22.20	-19.02	-2.82
		2.182 GHz to 3 GHz	-21.94	-21.34	-22.33	-21.76	-19.02	-2.32
		3 GHz to 6.2 GHz	-29.58	-29.24	-29.47	-29.51	-19.02	-10.22
	1	6.2 GHz to 18 GHz	-37.20	-37.21	-37.25	-37.14	-19.02	-18.12
		18 GHz to 22 GHz	-28.48	-28.74	-28.34	-28.28	-19.02	-9.26
		9 kHz to 150 kHz	-60.03	-58.59	-58.55	-53.42	-49.02	-4.40
		150 kHz to 30 MHz	-45.00	-45.71	-45.47	-44.24	-39.02	-5.22
		30 MHz to 1 GHz	-30.78	-31.10	-31.11	-31.10	-19.02	-11.76
		1GHz to 2.109 GHz	-23.61	-23.76	-23.55	-23.77	-19.02	-4.53
		2.181 GHz to 2.182 GHz	-22.66	-22.18	-22.80	-22.91	-19.02	-3.16
		2.182 GHz to 3 GHz	-22.30	-21.88	-22.14	-21.65	-19.02	-2.63
		3 GHz to 6.2 GHz	-26.50	-26.55	-26.63	-26.38	-19.02	-7.36
		6.2 GHz to 18 GHz	-37.13	-37.04	-37.04	-37.22	-19.02	-18.02
High	2	18 GHz to 22 GHz	-28.85	-28.54	-28.81	-28.76	-19.02	-9.52
		9 kHz to 150 kHz	-60.16	-55.05	-58.28	-57.89	-49.02	-6.03
		150 kHz to 30 MHz	-45.02	-45.39	-44.41	-44.28	-39.02	-5.26
		30 MHz to 1 GHz	-30.75	-30.91	-31.06	-31.02	-19.02	-11.73
		1GHz to 2.109 GHz	-24.73	-24.24	-24.84	-24.86	-19.02	-5.22
		2.181 GHz to 2.182 GHz	-23.23	-23.83	-22.97	-23.50	-19.02	-3.95
		2.182 GHz to 3 GHz	-22.92	-22.80	-22.34	-22.93	-19.02	-3.32
		3 GHz to 6.2 GHz	-27.87	-27.99	-27.89	-28.00	-19.02	-8.85
		6.2 GHz to 18 GHz	-37.39	-36.80	-37.20	-37.11	-19.02	-17.78
		18 GHz to 22 GHz	-28.80	-28.61	-28.83	-28.43	-19.02	-9.41
	3	9 kHz to 150 kHz	-59.89	-59.19	-54.86	-54.37	-49.02	-5.35
		150 kHz to 30 MHz	-45.13	-44.82	-44.85	-42.79	-39.02	-3.77
		30 MHz to 1 GHz	-30.70	-30.84	-31.10	-30.96	-19.02	-11.68
		1GHz to 2.109 GHz	-24.40	-24.02	-23.97	-24.28	-19.02	-4.95
		2.181 GHz to 2.182 GHz	-22.89	-22.16	-22.58	-22.64	-19.02	-3.14
		2.182 GHz to 3 GHz	-22.26	-22.09	-22.06	-22.21	-19.02	-3.04
		3 GHz to 6.2 GHz	-28.68	-28.30	-28.46	-28.35	-19.02	-9.28
		6.2 GHz to 18 GHz	-37.26	-37.18	-36.93	-37.13	-19.02	-17.91
		18 GHz to 22 GHz	-28.55	-28.43	-28.54	-28.42	-19.02	-9.40

Table 8-46. Conducted Spurious Emission Summary Data (NR_n66_1C_20M)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (63) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			LTE_B66_2 C_5M+5M	LTE_B66_4 C_5M+5M +5M+20M	B(n)66_2C_ LTE_10M+ NR_10M	B(n)66_2C_ LTE_10M+ NR_10M		
			QPSK	QPSK	QPSK	QPSK		
Low	0	9 kHz to 150 kHz	-55.58	-60.20	-56.45	-55.40	-49.02	-6.38
		150 kHz to 30 MHz	-45.79	-46.09	-44.70	-45.55	-39.02	-5.68
		30 MHz to 1 GHz	-31.24	-30.76	-31.34	-31.11	-19.02	-11.74
		1GHz to 2.108 GHz	-21.01	-22.59	-22.04	-22.10	-19.02	-1.99
		2.108 GHz to 2.109 GHz	-20.74	-22.58	-22.73	-23.09	-19.02	-1.72
		2.181 GHz to 3 GHz	-27.02	-26.82	-26.47	-25.92	-19.02	-6.90
		3 GHz to 6.2 GHz	-29.17	-36.40	-29.75	-29.73	-19.02	-10.15
		6.2 GHz to 18 GHz	-36.94	-37.35	-37.22	-37.21	-19.02	-17.92
		18 GHz to 22 GHz	-28.63	-28.67	-28.61	-28.51	-19.02	-9.49
	1	9 kHz to 150 kHz	-60.42	-59.62	-61.25	-60.81	-49.02	-10.60
		150 kHz to 30 MHz	-44.74	-44.60	-44.64	-46.00	-39.02	-5.58
		30 MHz to 1 GHz	-31.07	-30.79	-31.14	-31.17	-19.02	-11.77
		1GHz to 2.108 GHz	-20.57	-21.77	-21.68	-21.52	-19.02	-1.55
		2.108 GHz to 2.109 GHz	-20.81	-22.41	-22.18	-22.44	-19.02	-1.79
		2.181 GHz to 3 GHz	-27.46	-26.52	-27.05	-26.75	-19.02	-7.50
		3 GHz to 6.2 GHz	-26.45	-36.08	-26.70	-26.29	-19.02	-7.27
		6.2 GHz to 18 GHz	-37.19	-37.31	-37.30	-37.16	-19.02	-18.14
		18 GHz to 22 GHz	-28.34	-28.55	-28.79	-28.32	-19.02	-9.30
	2	9 kHz to 150 kHz	-59.78	-59.03	-55.33	-60.87	-49.02	-6.31
		150 kHz to 30 MHz	-44.62	-44.83	-45.53	-45.70	-39.02	-5.60
		30 MHz to 1 GHz	-31.01	-31.02	-30.97	-31.13	-19.02	-11.95
		1GHz to 2.108 GHz	-21.99	-23.11	-22.44	-23.08	-19.02	-2.97
		2.108 GHz to 2.109 GHz	-21.29	-23.29	-22.83	-23.32	-19.02	-2.27
		2.181 GHz to 3 GHz	-27.79	-27.42	-27.47	-26.71	-19.02	-7.69
		3 GHz to 6.2 GHz	-27.99	-36.42	-27.82	-27.83	-19.02	-8.80
		6.2 GHz to 18 GHz	-37.41	-36.91	-36.74	-37.37	-19.02	-17.72
		18 GHz to 22 GHz	-28.56	-28.66	-28.62	-28.72	-19.02	-9.54
	3	9 kHz to 150 kHz	-59.93	-60.69	-60.71	-60.83	-49.02	-10.91
		150 kHz to 30 MHz	-45.73	-44.61	-44.14	-44.51	-39.02	-5.12
		30 MHz to 1 GHz	-31.03	-31.02	-31.14	-31.15	-19.02	-12.00
		1GHz to 2.108 GHz	-20.70	-22.20	-22.44	-23.14	-19.02	-1.68
		2.108 GHz to 2.109 GHz	-20.41	-22.33	-23.16	-23.09	-19.02	-1.39
		2.181 GHz to 3 GHz	-27.17	-26.80	-26.47	-26.26	-19.02	-7.24
		3 GHz to 6.2 GHz	-28.23	-36.21	-28.80	-28.55	-19.02	-9.21
		6.2 GHz to 18 GHz	-37.17	-37.10	-36.78	-37.55	-19.02	-17.76
		18 GHz to 22 GHz	-28.63	-28.80	-28.35	-28.67	-19.02	-9.33
Mid	0	9 kHz to 150 kHz	-60.19	-55.52	-60.81	-58.70	-49.02	-6.50
		150 kHz to 30 MHz	-45.71	-44.47	-44.86	-43.63	-39.02	-4.61
		30 MHz to 1 GHz	-30.96	-31.03	-31.34	-31.29	-19.02	-11.94
		1GHz to 2.109 GHz	-24.08	-23.33	-23.99	-23.80	-19.02	-4.31
		2.181 GHz to 3 GHz	-26.53	-25.72	-26.31	-24.95	-19.02	-5.93
		3 GHz to 6.2 GHz	-29.54	-36.50	-29.57	-29.35	-19.02	-10.33
		6.2 GHz to 18 GHz	-37.15	-37.15	-37.24	-37.45	-19.02	-18.13
		18 GHz to 22 GHz	-28.36	-28.47	-28.87	-28.77	-19.02	-9.34
	1	9 kHz to 150 kHz	-57.55	-60.62	-61.39	-61.25	-49.02	-8.53
		150 kHz to 30 MHz	-46.42	-44.72	-43.90	-45.35	-39.02	-4.88
		30 MHz to 1 GHz	-31.08	-31.02	-30.95	-31.21	-19.02	-11.93
		1GHz to 2.109 GHz	-23.80	-23.38	-23.82	-23.77	-19.02	-4.36
		2.181 GHz to 3 GHz	-27.57	-26.61	-26.46	-25.32	-19.02	-6.30
		3 GHz to 6.2 GHz	-26.37	-36.36	-26.44	-26.47	-19.02	-7.35
		6.2 GHz to 18 GHz	-37.22	-37.08	-36.97	-37.15	-19.02	-17.95
		18 GHz to 22 GHz	-28.47	-28.76	-28.73	-28.41	-19.02	-9.39
	2	9 kHz to 150 kHz	-58.31	-60.24	-60.14	-60.61	-49.02	-9.29
		150 kHz to 30 MHz	-43.86	-45.36	-46.07	-44.71	-39.02	-4.84

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (64) / (104) pages

		30 MHz to 1 GHz	-31.27	-30.97	-31.13	-31.24	-19.02	-11.95
		1GHz to 2.109 GHz	-24.84	-24.21	-24.59	-24.48	-19.02	-5.19
3		2.181 GHz to 3 GHz	-27.91	-26.56	-28.05	-25.03	-19.02	-6.01
		3 GHz to 6.2 GHz	-27.88	-36.51	-28.05	-28.08	-19.02	-8.86
		6.2 GHz to 18 GHz	-37.03	-37.19	-36.99	-37.08	-19.02	-17.97
		18 GHz to 22 GHz	-28.69	-28.45	-28.64	-28.54	-19.02	-9.43
		9 kHz to 150 kHz	-60.37	-59.81	-60.30	-60.56	-49.02	-10.79
		150 kHz to 30 MHz	-45.04	-45.16	-44.33	-44.50	-39.02	-5.31
		30 MHz to 1 GHz	-30.90	-30.95	-30.89	-31.03	-19.02	-11.87
		1GHz to 2.109 GHz	-24.19	-23.33	-24.04	-23.87	-19.02	-4.31
		2.181 GHz to 3 GHz	-27.20	-25.32	-26.89	-24.34	-19.02	-5.32
		3 GHz to 6.2 GHz	-28.55	-36.29	-28.50	-28.70	-19.02	-9.48
		6.2 GHz to 18 GHz	-37.15	-37.24	-36.99	-37.33	-19.02	-17.97
		18 GHz to 22 GHz	-28.43	-28.55	-28.46	-28.74	-19.02	-9.41
High	0	9 kHz to 150 kHz	-58.84	-60.42	-60.99	-56.64	-49.02	-7.62
		150 kHz to 30 MHz	-43.37	-43.93	-44.32	-44.86	-39.02	-4.35
		30 MHz to 1 GHz	-31.21	-31.14	-31.12	-31.11	-19.02	-12.09
		1GHz to 2.109 GHz	-23.78	-23.74	-24.18	-24.07	-19.02	-4.72
		2.181 GHz to 2.182 GHz	-20.64	-22.43	-22.41	-22.52	-19.02	-1.62
		2.182 GHz to 3 GHz	-20.04	-21.97	-20.98	-21.74	-19.02	-1.02
		3 GHz to 6.2 GHz	-29.30	-36.44	-29.64	-29.74	-19.02	-10.28
		6.2 GHz to 18 GHz	-37.31	-36.86	-37.24	-37.36	-19.02	-17.84
	1	18 GHz to 22 GHz	-28.56	-28.50	-28.69	-28.44	-19.02	-9.42
		9 kHz to 150 kHz	-57.77	-58.25	-59.31	-59.57	-49.02	-8.75
		150 kHz to 30 MHz	-43.94	-44.01	-44.74	-46.44	-39.02	-4.92
		30 MHz to 1 GHz	-30.56	-31.13	-31.00	-31.16	-19.02	-11.54
		1GHz to 2.109 GHz	-23.24	-23.91	-23.72	-23.63	-19.02	-4.22
		2.181 GHz to 2.182 GHz	-21.26	-22.46	-21.65	-22.10	-19.02	-2.24
		2.182 GHz to 3 GHz	-20.10	-21.53	-21.42	-21.00	-19.02	-1.08
		3 GHz to 6.2 GHz	-26.68	-36.24	-26.62	-26.39	-19.02	-7.37
	2	6.2 GHz to 18 GHz	-36.97	-36.76	-37.08	-37.38	-19.02	-17.74
		18 GHz to 22 GHz	-28.38	-28.58	-28.52	-28.59	-19.02	-9.36
		9 kHz to 150 kHz	-57.73	-58.27	-60.32	-57.43	-49.02	-8.41
		150 kHz to 30 MHz	-45.31	-45.72	-44.62	-45.67	-39.02	-5.60
		30 MHz to 1 GHz	-31.04	-30.89	-31.09	-31.23	-19.02	-11.87
		1GHz to 2.109 GHz	-25.37	-24.55	-25.19	-24.89	-19.02	-5.53
		2.181 GHz to 2.182 GHz	-22.80	-23.43	-22.49	-22.32	-19.02	-3.30
		2.182 GHz to 3 GHz	-20.06	-22.81	-21.75	-21.55	-19.02	-1.04
	3	3 GHz to 6.2 GHz	-28.08	-36.44	-28.26	-28.29	-19.02	-9.06
		6.2 GHz to 18 GHz	-36.72	-36.84	-37.36	-37.19	-19.02	-17.70
		18 GHz to 22 GHz	-28.32	-28.24	-28.80	-28.40	-19.02	-9.22
		9 kHz to 150 kHz	-55.57	-59.30	-60.32	-56.97	-49.02	-6.55
		150 kHz to 30 MHz	-45.56	-45.66	-45.04	-45.91	-39.02	-6.02
		30 MHz to 1 GHz	-30.87	-30.90	-30.90	-31.00	-19.02	-11.85
		1GHz to 2.109 GHz	-24.09	-24.14	-24.55	-24.57	-19.02	-5.07
		2.181 GHz to 2.182 GHz	-21.45	-22.00	-22.38	-22.34	-19.02	-2.43
		2.182 GHz to 3 GHz	-20.43	-21.59	-21.48	-22.25	-19.02	-1.41
		3 GHz to 6.2 GHz	-28.66	-36.44	-28.67	-28.82	-19.02	-9.64
		6.2 GHz to 18 GHz	-36.95	-37.25	-37.30	-37.19	-19.02	-17.93
		18 GHz to 22 GHz	-28.16	-28.61	-28.55	-28.39	-19.02	-9.14

Table 8-47. Conducted Spurious Emission Summary Data (LTE_B66_Multi-carrier)

**CTK Co., Ltd.**

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (65) / (104) pages

CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			LTE_B66_2 NC_5M+5M	LTE_B66_4 NC_5M+5M +5M+20M	B(n)66_2NC LTE_10M+ NR_10M	B(n)66_3NC LTE_5M+1 5M NR_15M		
			QPSK	QPSK	QPSK	QPSK		
Mid	0	9 kHz to 150 kHz	-55.99	-60.08	-60.31	-61.05	-49.02	-6.97
		150 kHz to 30 MHz	-44.80	-43.44	-44.46	-46.24	-39.02	-4.42
		30 MHz to 1 GHz	-30.91	-31.12	-31.09	-31.13	-19.02	-11.89
		1GHz to 2.108 GHz	-20.73	-22.13	-21.41	-22.43	-19.02	-1.71
		2.108 GHz to 2.109 GHz	-21.31	-22.42	-22.15	-22.45	-19.02	-2.29
		2.181 GHz to 2.182 GHz	-21.89	-22.30	-21.59	-22.04	-19.02	-2.57
		2.182 GHz to 3 GHz	-20.08	-20.97	-20.34	-22.01	-19.02	-1.06
		3 GHz to 6.2 GHz	-29.73	-29.42	-29.90	-29.82	-19.02	-10.40
		6.2 GHz to 18 GHz	-37.15	-36.90	-37.43	-37.10	-19.02	-17.88
		18 GHz to 22 GHz	-28.42	-28.73	-28.41	-28.45	-19.02	-9.39
	1	9 kHz to 150 kHz	-60.97	-55.91	-61.45	-56.74	-49.02	-6.89
		150 kHz to 30 MHz	-46.05	-45.70	-43.92	-44.37	-39.02	-4.90
		30 MHz to 1 GHz	-31.20	-31.06	-31.20	-31.01	-19.02	-11.99
		1GHz to 2.108 GHz	-22.25	-21.36	-20.90	-21.46	-19.02	-1.88
		2.108 GHz to 2.109 GHz	-21.42	-22.31	-22.06	-22.11	-19.02	-2.40
		2.181 GHz to 2.182 GHz	-21.35	-22.12	-21.61	-22.17	-19.02	-2.33
		2.182 GHz to 3 GHz	-20.22	-21.84	-20.54	-21.45	-19.02	-1.20
		3 GHz to 6.2 GHz	-26.19	-26.77	-26.41	-26.58	-19.02	-7.17
		6.2 GHz to 18 GHz	-36.99	-37.19	-37.05	-37.45	-19.02	-17.97
		18 GHz to 22 GHz	-28.34	-28.51	-28.45	-28.78	-19.02	-9.32
	2	9 kHz to 150 kHz	-60.52	-56.57	-60.88	-55.53	-49.02	-6.51
		150 kHz to 30 MHz	-43.73	-45.11	-44.63	-45.37	-39.02	-4.71
		30 MHz to 1 GHz	-31.17	-30.88	-31.32	-31.12	-19.02	-11.86
		1GHz to 2.108 GHz	-22.23	-23.18	-23.04	-23.11	-19.02	-3.21
		2.108 GHz to 2.109 GHz	-21.47	-23.43	-22.79	-23.41	-19.02	-2.45
		2.181 GHz to 2.182 GHz	-22.03	-23.43	-22.35	-23.09	-19.02	-3.01
		2.182 GHz to 3 GHz	-20.86	-22.66	-21.66	-22.38	-19.02	-1.84
		3 GHz to 6.2 GHz	-28.13	-27.78	-27.51	-27.98	-19.02	-8.49
		6.2 GHz to 18 GHz	-36.75	-37.13	-37.02	-37.20	-19.02	-17.73
		18 GHz to 22 GHz	-28.72	-28.60	-28.52	-28.58	-19.02	-9.50
	3	9 kHz to 150 kHz	-57.90	-55.13	-60.96	-61.08	-49.02	-6.11
		150 kHz to 30 MHz	-44.49	-44.63	-43.97	-44.46	-39.02	-4.95
		30 MHz to 1 GHz	-30.94	-31.01	-31.21	-31.16	-19.02	-11.92
		1GHz to 2.108 GHz	-22.46	-22.02	-21.62	-22.38	-19.02	-2.60
		2.108 GHz to 2.109 GHz	-21.64	-22.24	-21.97	-22.53	-19.02	-2.62
		2.181 GHz to 2.182 GHz	-21.28	-22.46	-21.43	-22.03	-19.02	-2.26
		2.182 GHz to 3 GHz	-20.35	-21.90	-20.86	-21.50	-19.02	-1.33
		3 GHz to 6.2 GHz	-28.54	-28.22	-28.69	-28.92	-19.02	-9.20
		6.2 GHz to 18 GHz	-36.72	-37.33	-37.28	-37.19	-19.02	-17.70
		18 GHz to 22 GHz	-28.18	-28.48	-28.48	-28.56	-19.02	-9.16

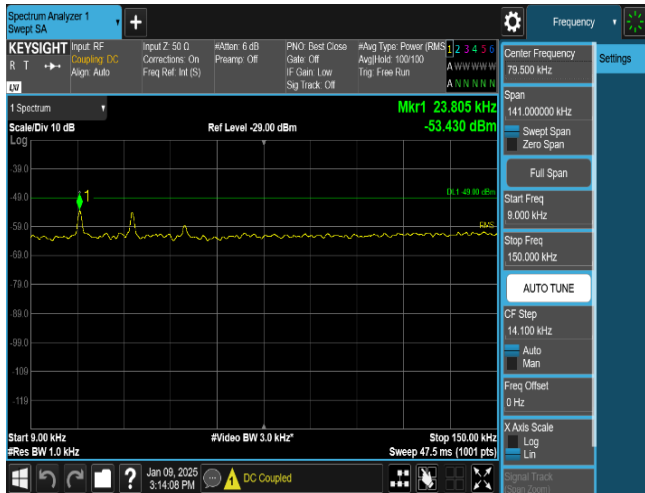
Table 8-48. Conducted Spurious Emission Summary Data (LTE_B66_Multi-carrier_Non-Contiguous)



CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

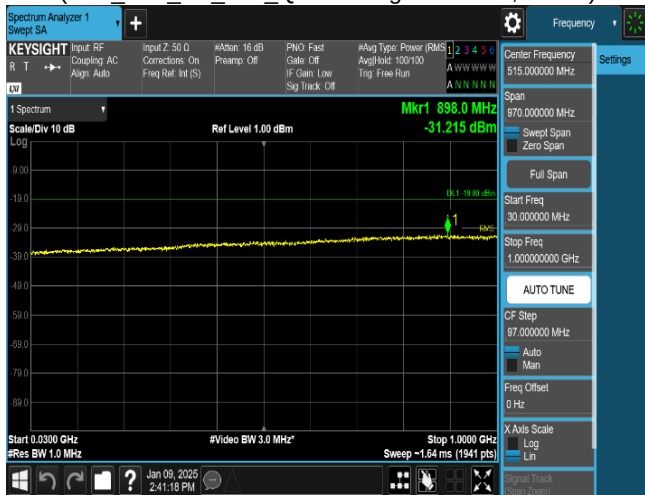
REPORT No.:
CTK-2025-00360
Page (66) / (104) pages



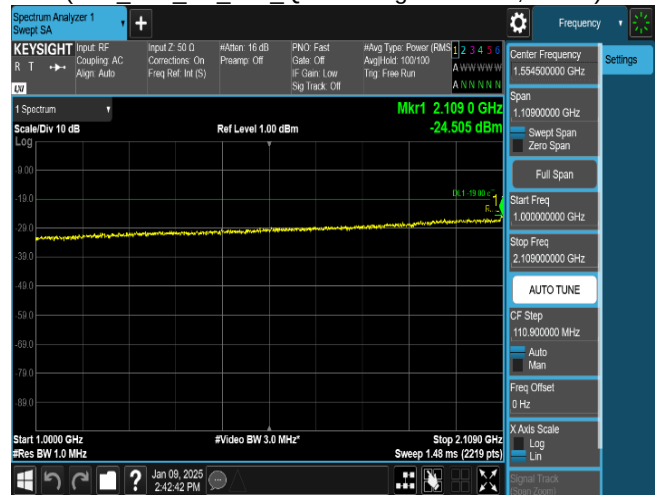
Plot 8-67. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



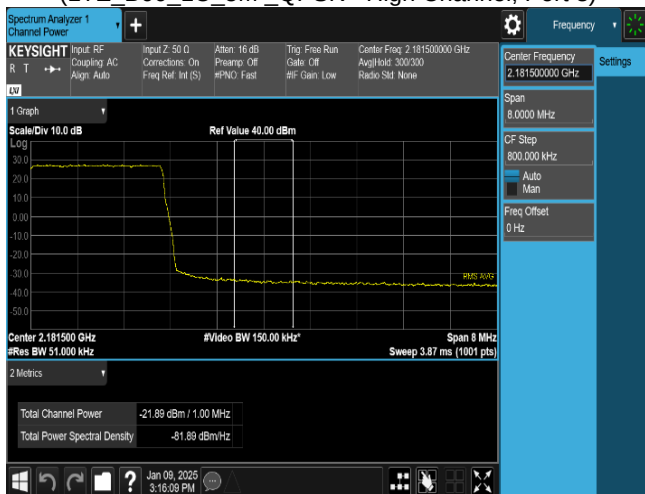
Plot 8-68. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



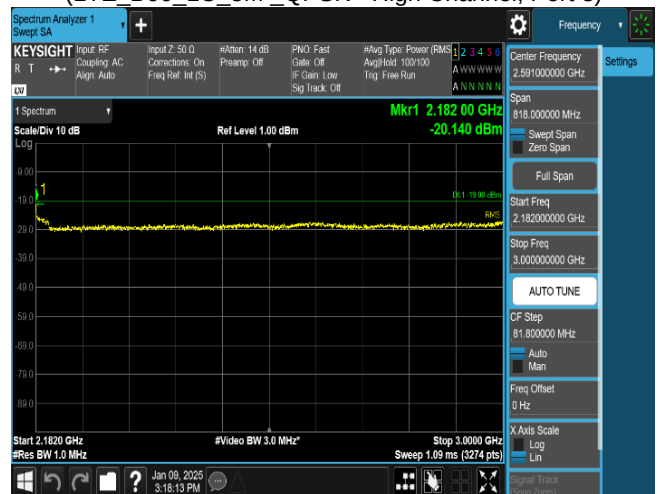
Plot 8-69. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



Plot 8-70. Conducted Spurious Emission Plot
1 GHz to 2.109 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



Plot 8-71. Conducted Spurious Emission Plot
2.181 MHz to 2.182 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



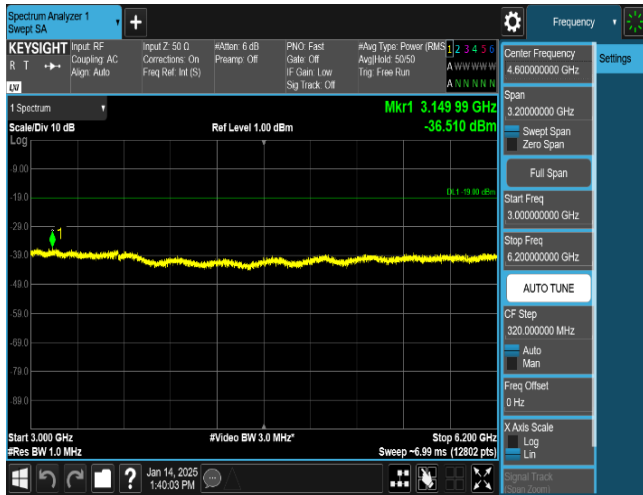
Plot 8-72. Conducted Spurious Emission Plot
2.182 GHz to 3 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



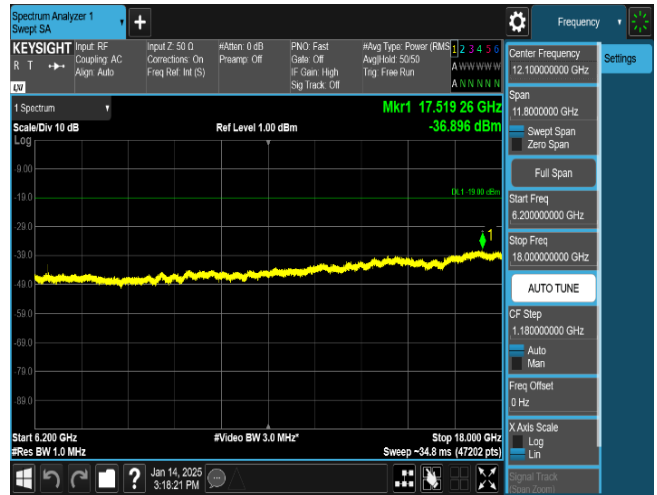
CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

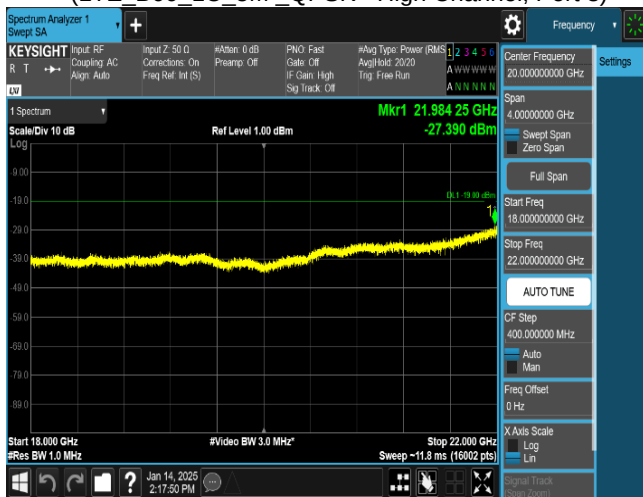
REPORT No.:
CTK-2025-00360
Page (67) / (104) pages



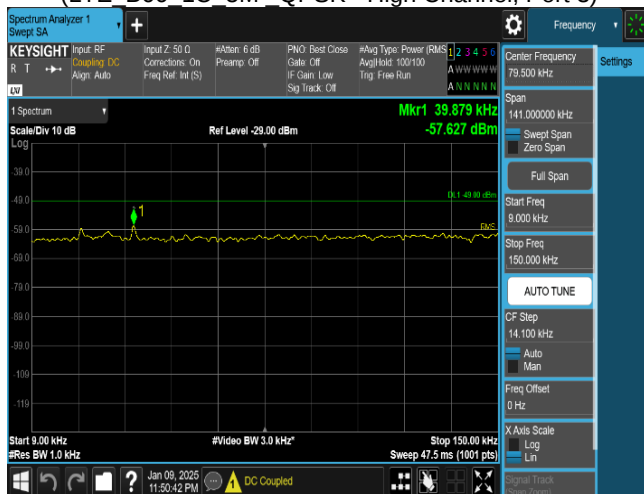
Plot 8-73. Conducted Spurious Emission Plot
3 GHz to 6.2 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



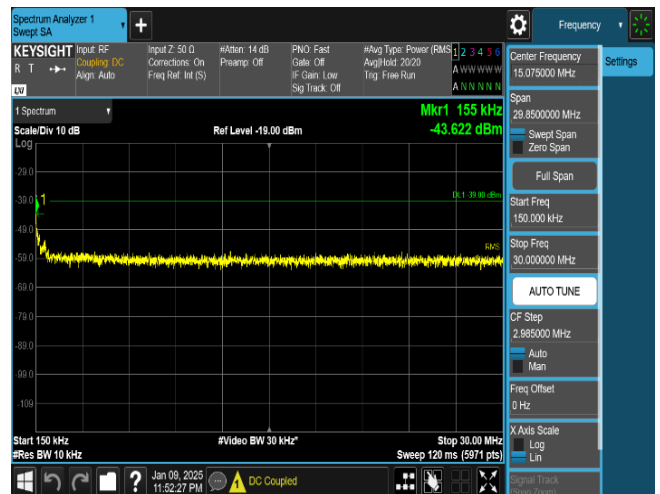
Plot 8-74. Conducted Spurious Emission Plot
6.2 GHz to 18 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



Plot 8-75. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(LTE_B66_1C_5M_QPSK - High Channel, Port 3)



Plot 8-76. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



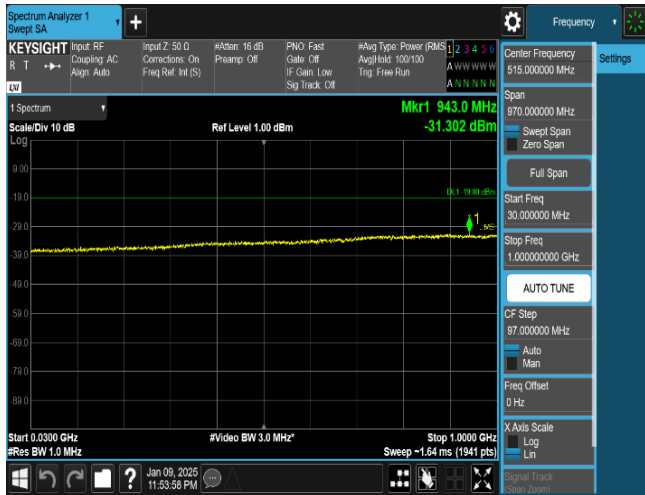
Plot 8-77. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



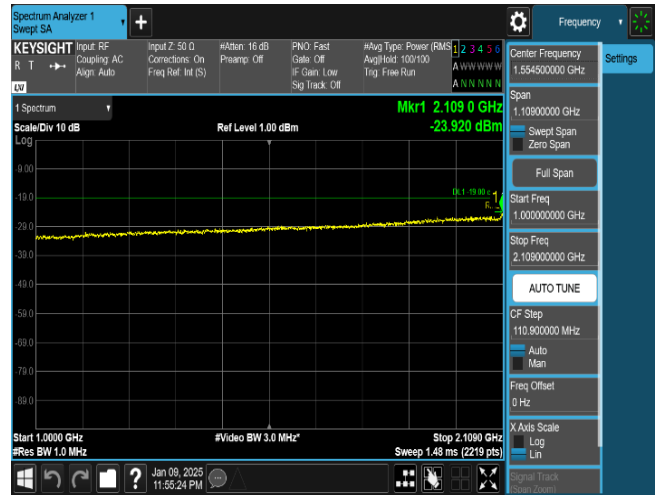
CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

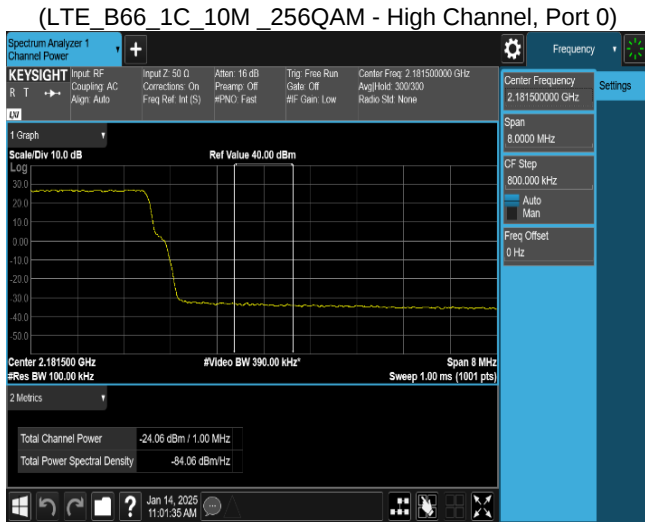
REPORT No.:
CTK-2025-00360
Page (68) / (104) pages



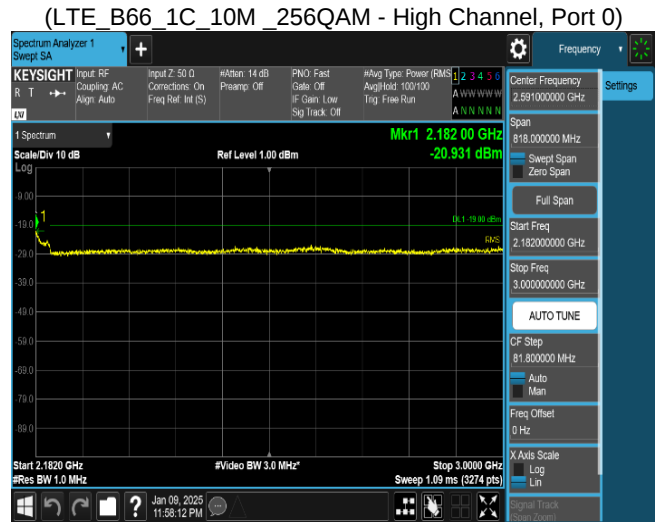
Plot 8-78. Conducted Spurious Emission Plot
30 MHz to 1 GHz



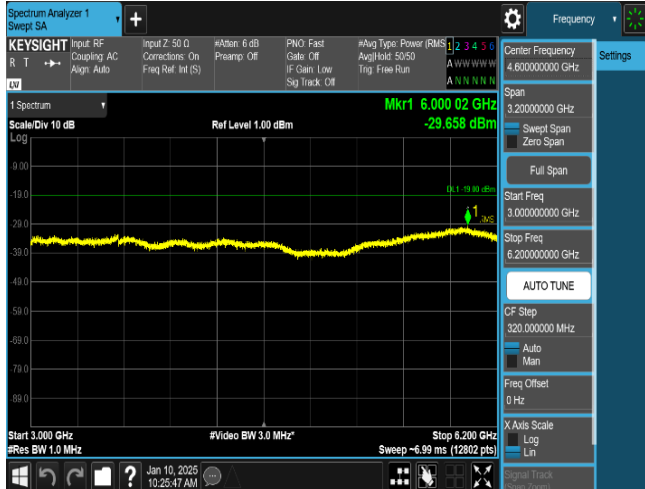
Plot 8-79. Conducted Spurious Emission Plot
1 GHz to 2.109 GHz



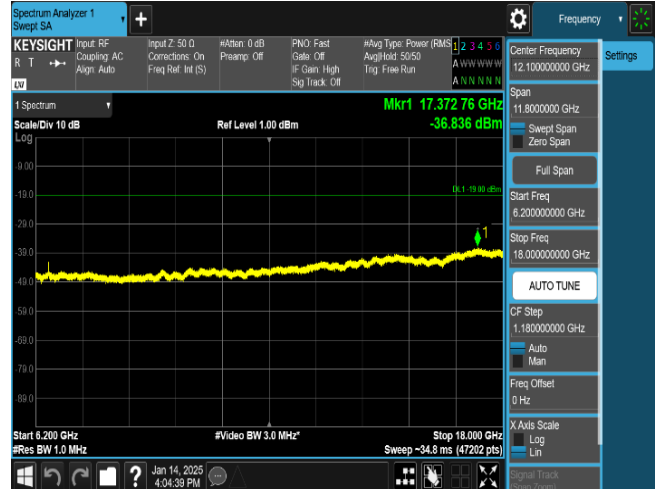
Plot 8-80. Conducted Spurious Emission Plot
2.181 MHz to 2.182 GHz
(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



Plot 8-81. Conducted Spurious Emission Plot
2.182 GHz to 3 GHz
(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



Plot 8-82. Conducted Spurious Emission Plot
3 GHz to 6.2 GHz
(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



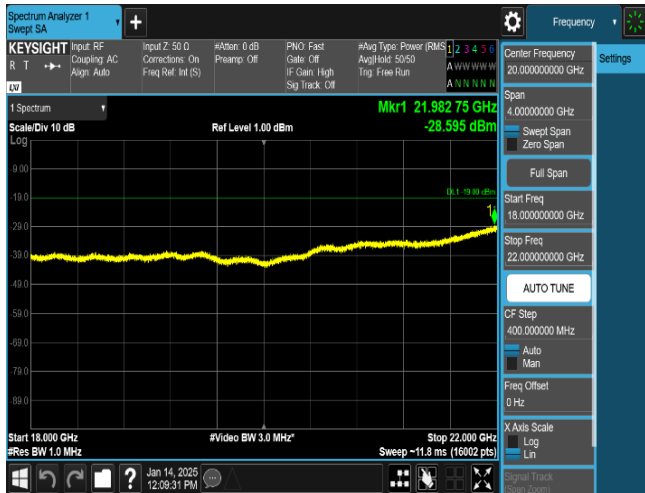
Plot 8-83. Conducted Spurious Emission Plot
6.2 GHz to 18 GHz
(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



CTK Co., Ltd.

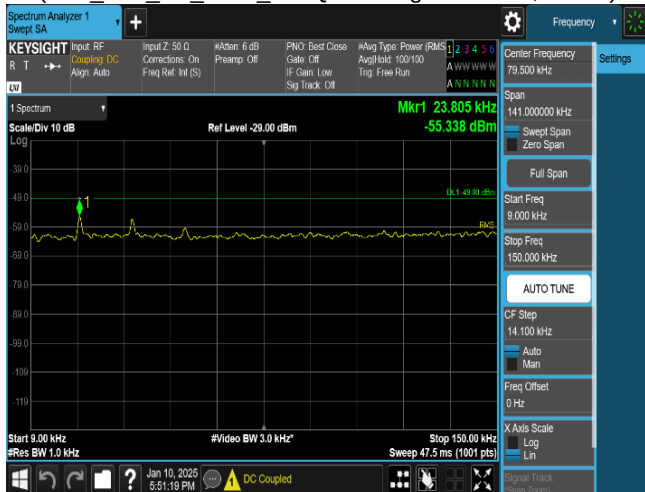
(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (69) / (104) pages



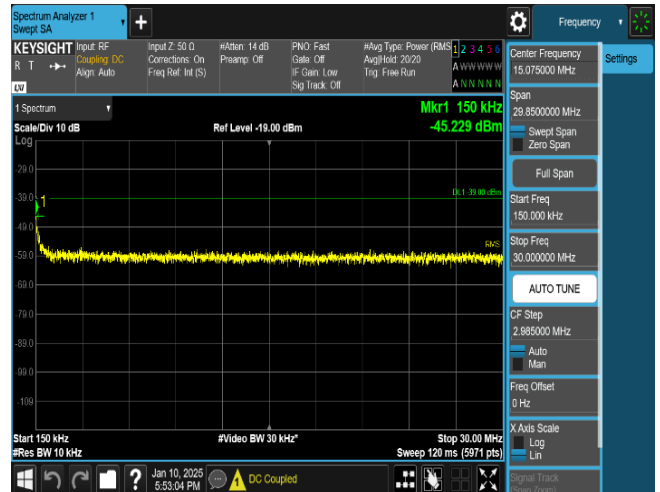
Plot 8-84. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(LTE_B66_1C_10M_256QAM - High Channel, Port 0)



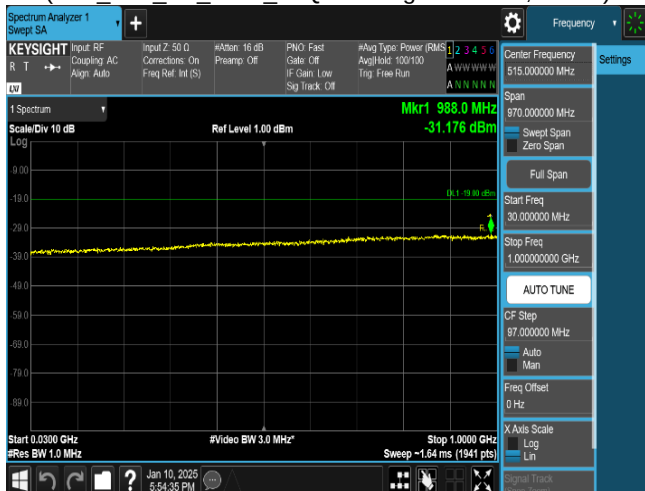
Plot 8-85. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



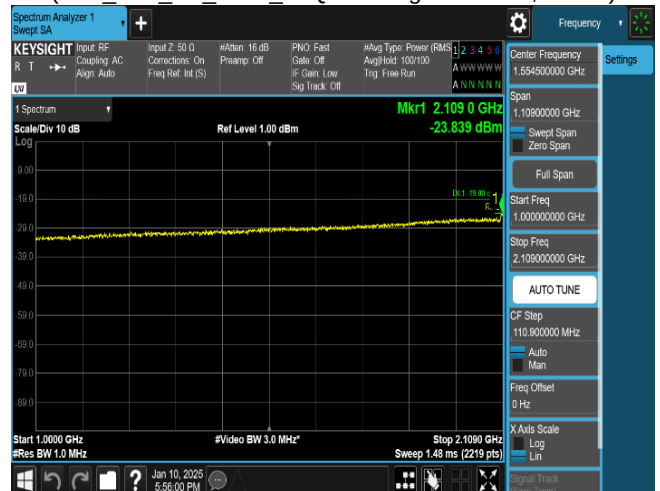
Plot 8-86. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



Plot 8-87. Conducted Spurious Emission Plot
30 MHz to 1 GHz

(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



Plot 8-88. Conducted Spurious Emission Plot
1 GHz to 2.109 GHz

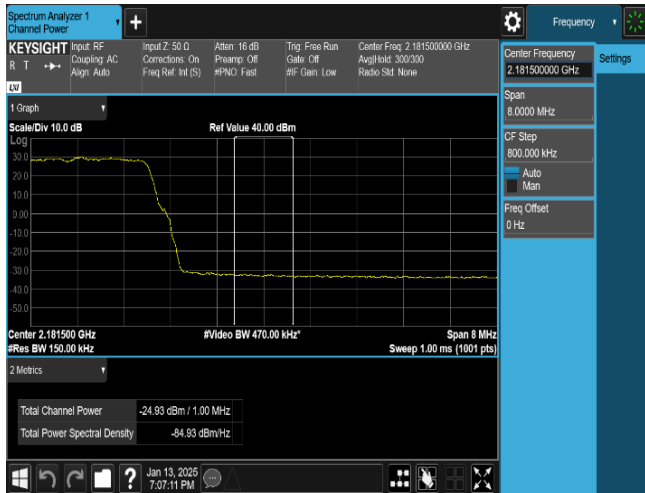
(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



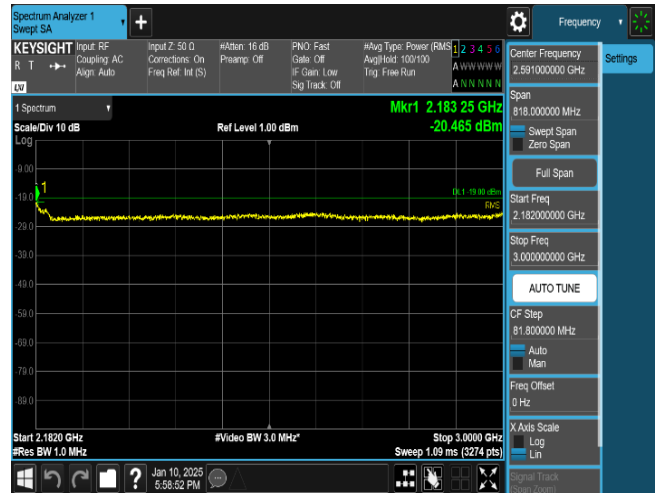
CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

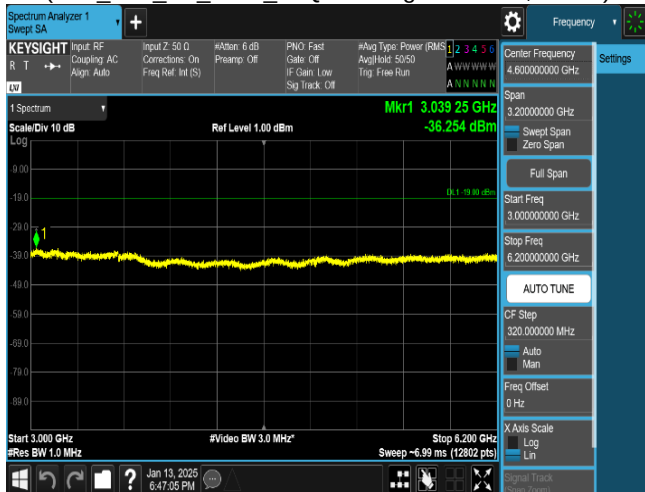
REPORT No.:
CTK-2025-00360
Page (70) / (104) pages



Plot 8-89. Conducted Spurious Emission Plot
2.181 MHz to 2.182 GHz
(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



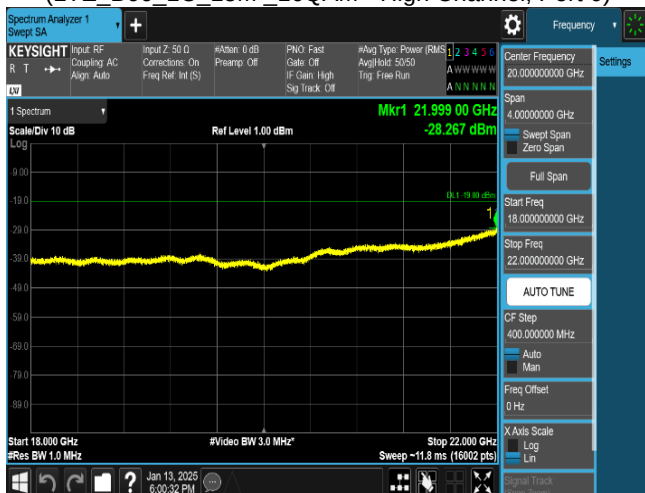
Plot 8-90. Conducted Spurious Emission Plot
2.182 GHz to 3 GHz
(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



Plot 8-91. Conducted Spurious Emission Plot
3 GHz to 6.2 GHz
(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



Plot 8-92. Conducted Spurious Emission Plot
6.2 GHz to 18 GHz
(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



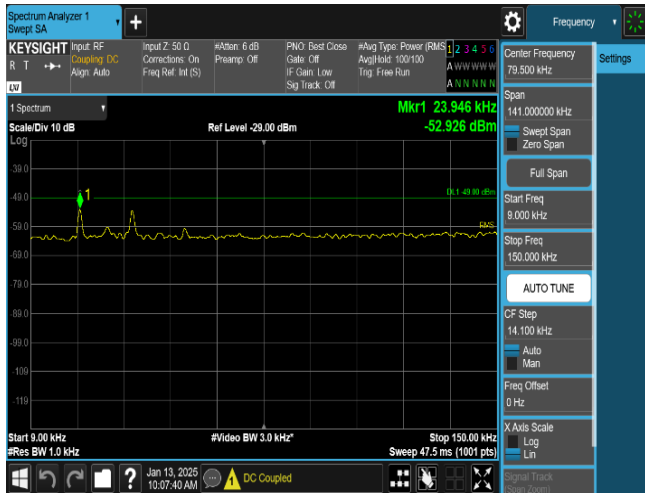
Plot 8-93. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(LTE_B66_1C_15M_16QAM - High Channel, Port 0)



CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do,
17142, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:
CTK-2025-00360
Page (71) / (104) pages



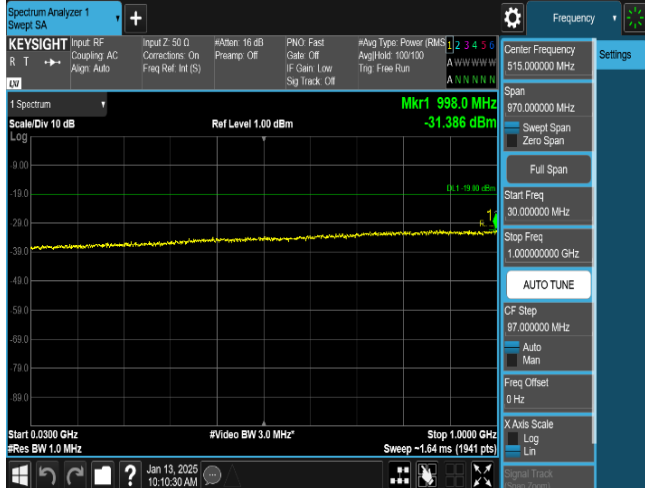
Plot 8-94. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(LTE_B66_1C_20M_QPSK - Low Channel, Port 3)



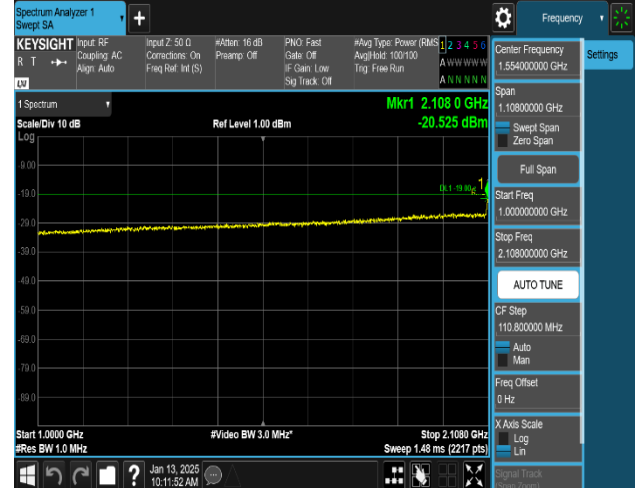
Plot 8-95. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(LTE_B66_1C_20M_QPSK - Low Channel, Port 3)



Plot 8-96. Conducted Spurious Emission Plot
30 MHz to 1 GHz

(LTE_B66_1C_20M_QPSK - Low Channel, Port 3)



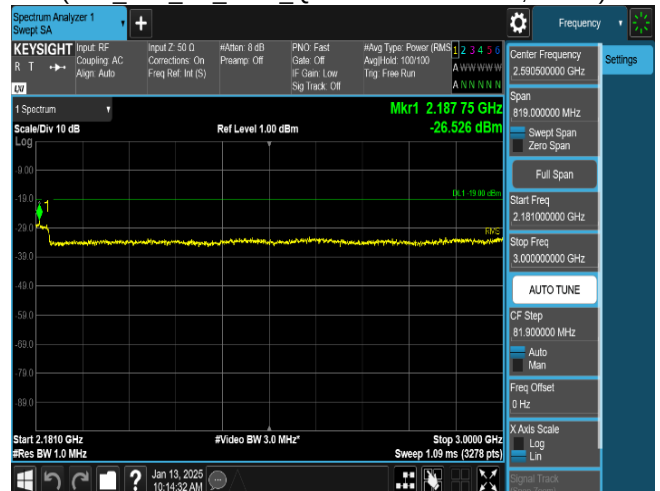
Plot 8-97. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz

(LTE_B66_1C_20M_QPSK - Low Channel, Port 3)



Plot 8-98. Conducted Spurious Emission Plot
2.108 MHz to 2.109 GHz

(LTE_B66_1C_20M_QPSK - Low Channel, Port 3)



Plot 8-99. Conducted Spurious Emission Plot
2.181 GHz to 3 GHz

(LTE_B66_1C_20M_QPSK - Low Channel, Port 3)