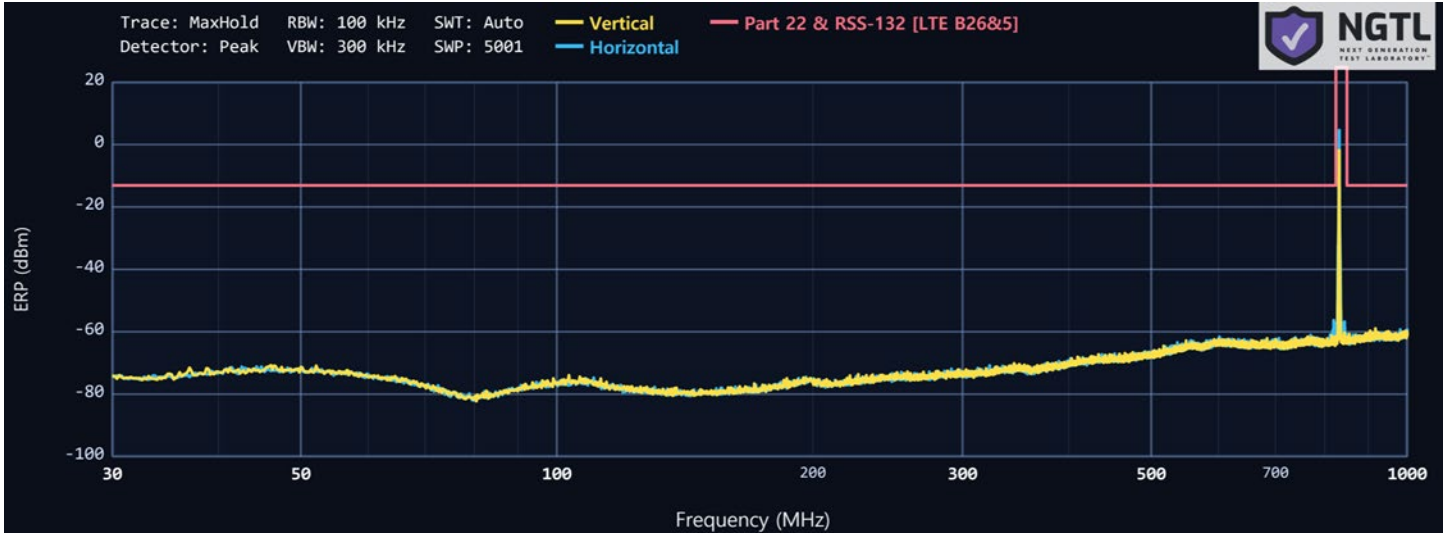
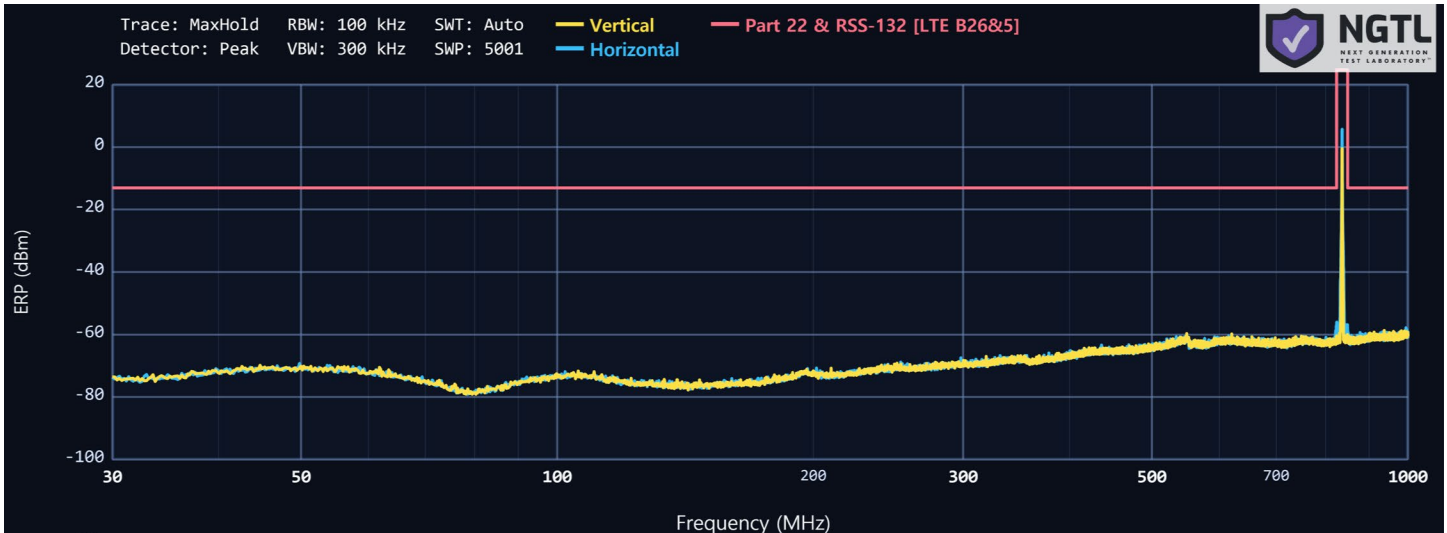


5.5.5. Test Results

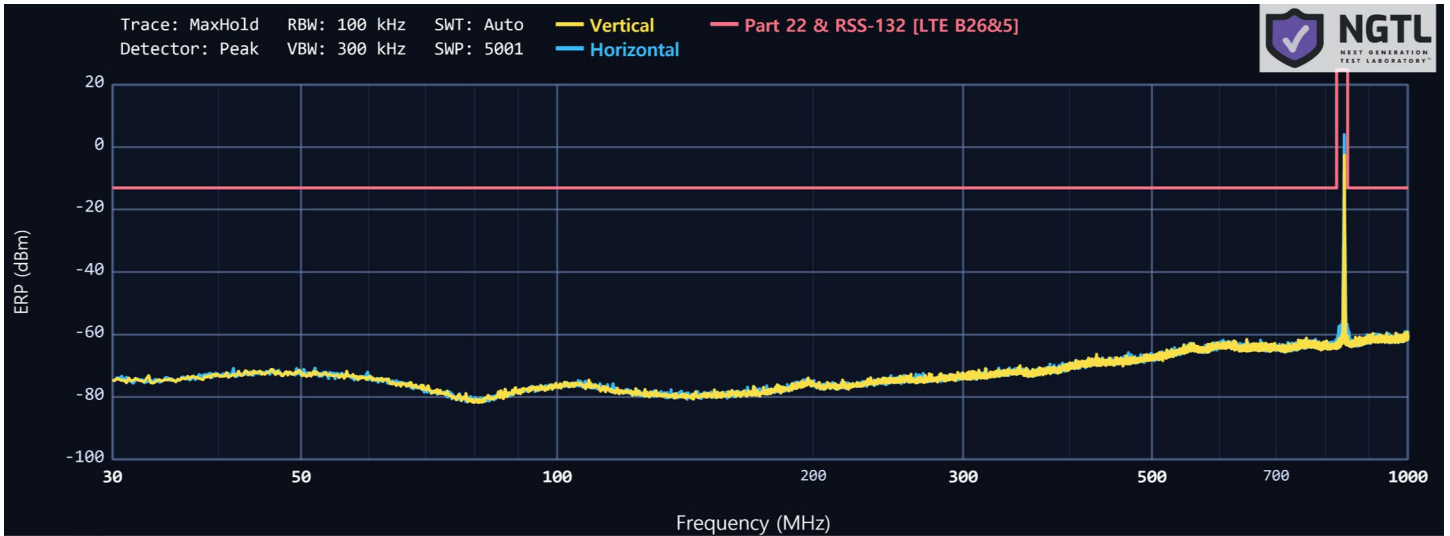
Plot 5-1 RSE Below 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [Low Channel] [QPSK] [ANT 1]



Plot 5-2 RSE Below 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [Mid Channel] [QPSK] [ANT 1]



Plot 5-3 RSE Below 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [High Channel] [QPSK] [ANT 1]



Plot 5-4 RSE Above 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [Mid Channel] [QPSK] [ANT 1]

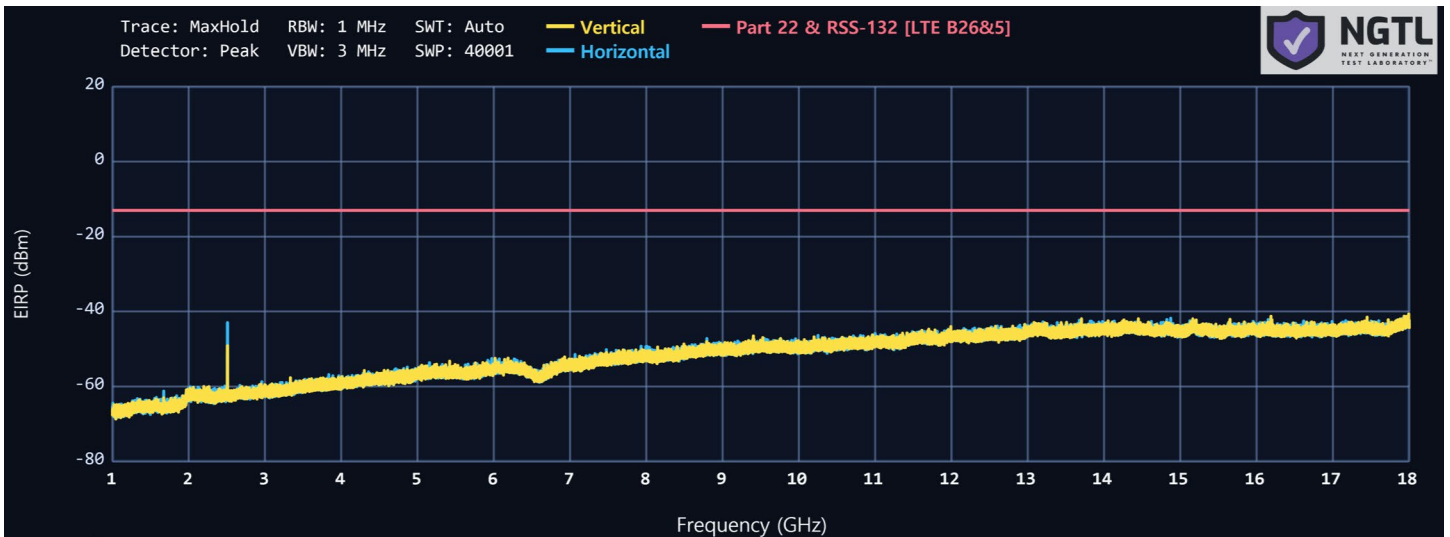


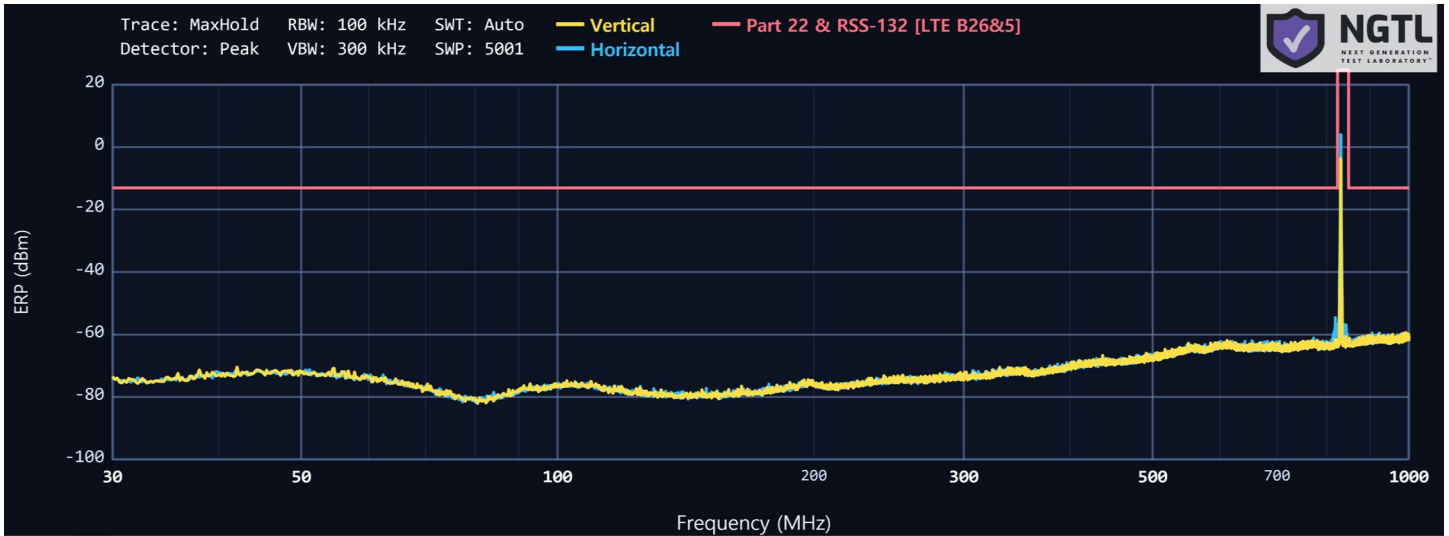
Table 5-3 Radiated Spurious Emissions Below 1GHz DATA - LTE Band26/5 - ANT 1

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 26/5 ANT 1	831.5	952.04	53.57	H	PK	-21.44	-63.07	-13.00	-50.07
		956.41	53.89	V	PK	-21.53	-62.84	-13.00	-49.84
	836.5	957.73	55.19	H	PK	-21.55	-61.56	-13.00	-48.56
		984.59	54.69	V	PK	-22.10	-62.61	-13.00	-49.61
	841.5	942.65	53.18	H	PK	-21.05	-63.07	-13.00	-50.07
		969.78	53.27	V	PK	-21.89	-63.82	-13.00	-50.82

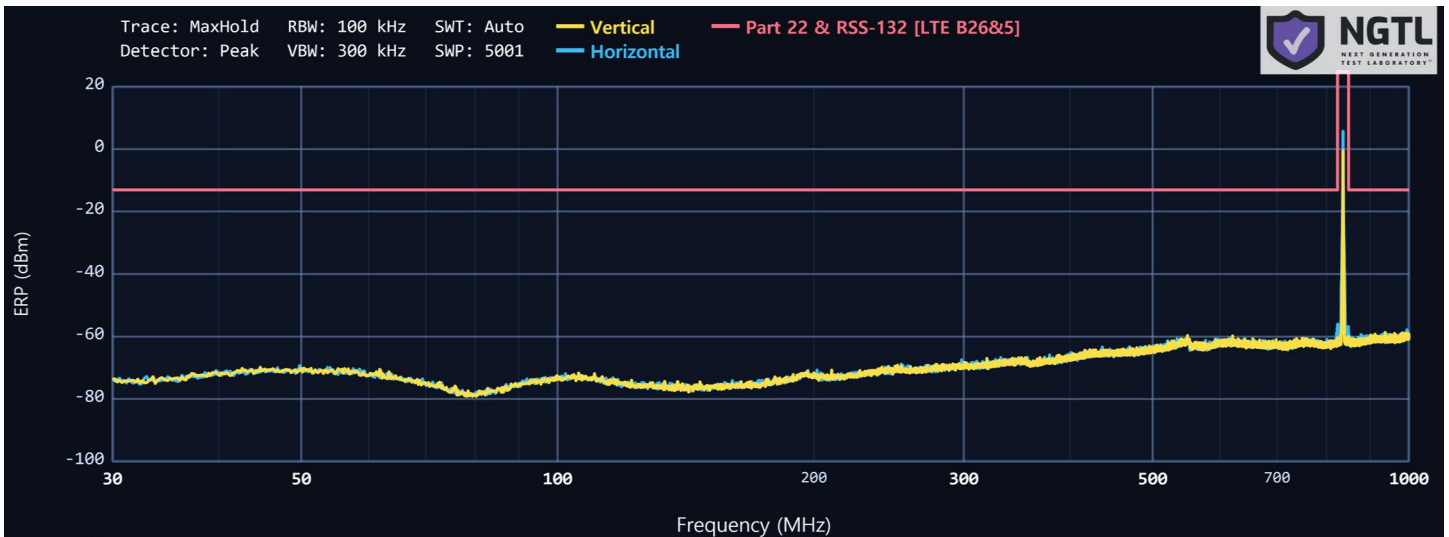
Table 5-4 Radiated Spurious Emissions Above 1GHz DATA - LTE Band26/5 - ANT 1

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 26/5 ANT 1	831.5	1 663.59	44.88	H	PK	-14.57	-64.89	-13.00	-51.89
		2 494.14	65.70	H	PK	-11.29	-40.79	-13.00	-27.79
		3 326.38	44.57	H	PK	-9.87	-60.50	-13.00	-47.50
	836.5	1 672.12	44.02	H	PK	-14.56	-65.74	-13.00	-52.74
		2 510.42	65.07	H	PK	-11.34	-41.47	-13.00	-28.47
		3 346.75	44.18	H	PK	-9.78	-60.80	-13.00	-47.80
	841.5	1 683.85	43.90	H	PK	-14.53	-65.83	-13.00	-52.83
		2 525.10	65.33	H	PK	-11.40	-41.27	-13.00	-28.27
		3 366.39	45.30	H	PK	-9.74	-59.64	-13.00	-46.64

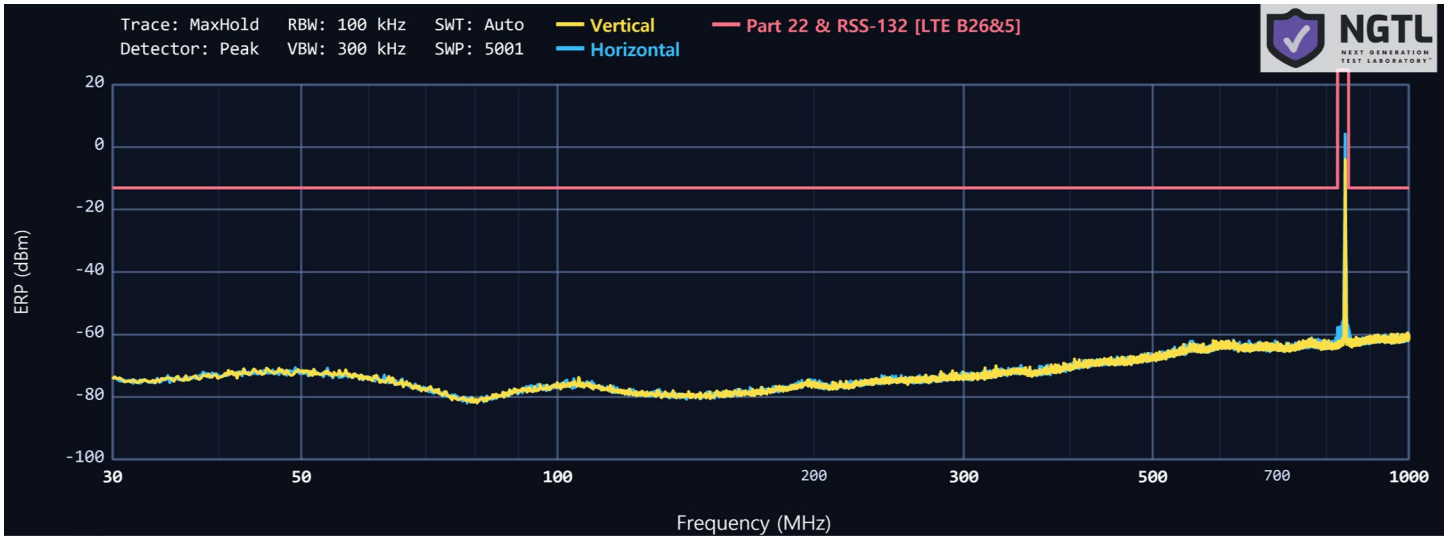
Plot 5-5 RSE Below 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [Low Channel] [QPSK] [ANT 2]



Plot 5-6 RSE Below 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [Mid Channel] [QPSK] [ANT 2]



Plot 5-7 RSE Below 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [High Channel] [QPSK] [ANT 2]



Plot 5-8 RSE Above 1GHz PLOT - LTE Band26/5 - [15MHz] [1/36RB] [Mid Channel] [QPSK] [ANT 2]

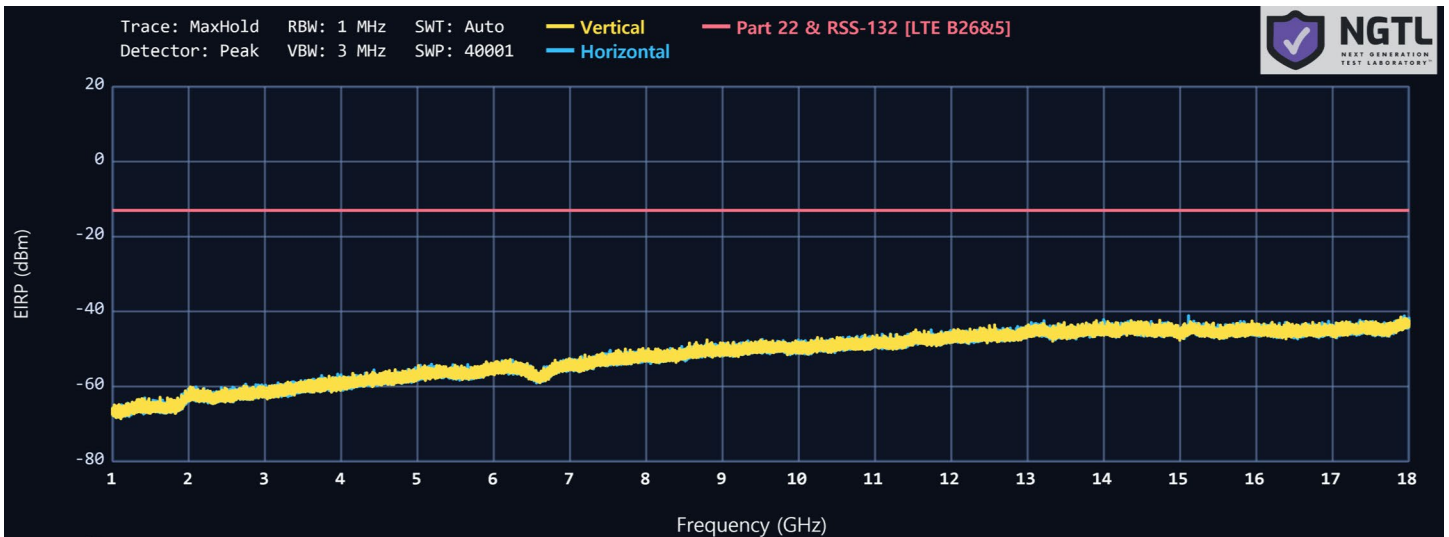


Table 5-5 Radiated Spurious Emissions Below 1GHz DATA - LTE Band26/5 - ANT 2

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 26/5 ANT 2	831.5	940.31	53.40	H	PK	-21.01	-62.81	-13.00	-49.81
		965.35	54.67	V	PK	-21.71	-62.24	-13.00	-49.24
	836.5	964.55	55.49	H	PK	-21.69	-61.40	-13.00	-48.40
		977.70	54.57	V	PK	-22.10	-62.73	-13.00	-49.73
	841.5	950.38	53.46	H	PK	-21.41	-63.15	-13.00	-50.15
		970.30	54.35	V	PK	-21.91	-62.76	-13.00	-49.76

Table 5-6 Radiated Spurious Emissions Above 1GHz DATA - LTE Band26/5 - ANT 2

Test mode	Tested Frequency [MHz]	Frequency [MHz]	Reading Value [dBuV]	Pol [H/V]	Detector Mode	AFCL [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
LTE Band 26/5 ANT 2	831.5	1 663.30	43.85	H	PK	-14.57	-65.92	-13.00	-52.92
		2 493.99	42.47	H	PK	-11.29	-64.02	-13.00	-51.02
		3 326.15	43.54	H	PK	-9.87	-61.53	-13.00	-48.53
	836.5	1 673.93	42.86	H	PK	-14.55	-66.89	-13.00	-53.89
		2 508.69	42.47	H	PK	-11.33	-64.06	-13.00	-51.06
		3 346.62	43.55	H	PK	-9.78	-61.43	-13.00	-48.43
	841.5	1 682.21	43.52	H	PK	-14.54	-66.22	-13.00	-53.22
		2 523.51	43.42	H	PK	-11.39	-63.17	-13.00	-50.17
		3 366.49	43.06	H	PK	-9.74	-61.88	-13.00	-48.88

6. Revision History

Rev.	Issue Date	Revisions	Prepared By
00	07/04/2026	Initial Release	SK Hong
01	07/07/2026	Typographical corrections	SK Hong
02	07/24/2026	Typographical corrections	SK Hong

7. Measurement Uncertainty

Measurement Items	Frequency Range	Expanded Uncertainty (±)
Maximum Conducted Output Power	f < 8 GHz	1.06 dB
Conducted Emissions	f < 1 GHz	0.71 dB
Conducted Emissions	f < 18 GHz	2.06 dB
Conducted Emissions	f > 18 GHz	3.12 dB
Radiated Emissions	f < 30 MHz	3.68 dB
Radiated Emissions	f < 1 GHz	4.01 dB
Radiated Emissions	f > 1 GHz	4.41 dB
Radiated Emissions	f > 18 GHz	5.23 dB
AC Line Conducted Emissions	f < 30 MHz	2.66 dB
Occupied Bandwidth		0.43 %
Time		4.8 %

The expanded measurement uncertainty is calculated at an approximate 95% confidence level (k = 2).

✓ Notes : Measurement uncertainty is for reference only. Based on Simple Acceptance, compliance is determined by directly comparing the measured data against applicable limits.

8. Equipment List

All test equipment used for the measurements was within its valid calibration interval. All test antennas were calibrated in accordance with ANSI C63.5-2017, and all test cables were calibrated in-house prior to testing. The calibration dates presented in the tables below apply only to equipment calibrated by an accredited calibration laboratory.

Table 8-1 Test Equipment and Calibration Date

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Signal & Spectrum Analyzer	Rohde & Schwarz	FSW43	103432	2026-02-13	2027-02-13
Signal & Spectrum Analyzer	Keysight	N9010B	MY56460241	2025-12-18	2026-12-18
Signal & Spectrum Analyzer	Keysight	N9040B	MY62480133	2026-01-23	2027-01-23
Signal & Spectrum Analyzer	Keysight	N9020A	MY54482751	2025-10-16	2026-10-16
Signal & Spectrum Analyzer	Keysight	N9020A	MY54480472	2026-02-24	2027-02-24
Power Sensor	Rohde & Schwarz	NRP-Z85	102404	2026-01-19	2027-01-19
EMI Test Receiver	Rohde & Schwarz	ESU40	100469	2026-01-07	2027-01-07
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101318	2026-01-19	2027-01-19
Bi-log Antenna	Schwarzbeck	VULB9163	01843	2026-01-06	2027-01-06
Horn Antenna	RF SPIN	DRH18S	CE2F08A18S	2026-01-08	2027-01-08
Horn Antenna	Rohde & Schwarz	DRH40G20K	101356	2026-01-23	2027-01-23
Dipole Antenna	Schwarzbeck	UHA9105	02850	2026-01-06	2027-01-06
Call Simulator	Rohde & Schwarz	CMX500	100198	2025-09-30	2026-09-30
Vector Signal Generator	Rohde & Schwarz	SMM100A	101593	2026-01-05	2027-01-05
Signal Generator	Rohde & Schwarz	SMC100A	104214	2026-02-10	2027-02-10
Temperature&Humidity Chamber	ENEX	EN-STH-604_1K	EN202610-03	2026-01-10	2027-01-10
DC Power supply	Rohde & Schwarz	NGC101	100740	2026-01-07	2027-01-07
Two-Line V-Network	Rohde & Schwarz	ENV216	103321	2026-01-09	2027-01-09
Temperature & Humidity Meter	TESTO	608-H2	86293672	2026-04-02	2027-04-02
Vector Network Analyzer	Rohde & Schwarz	ZNL20	101202	2026-01-28	2027-01-28
Conducted Test System	Various				
Radiated Test System	Various				

Table 8-2 Conducted Test System

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Power Splitter	Mini-Circuits	ZFRSC-183-S+	FA46402640-1	2026-01-16	2027-01-16
Power Splitter	Mini-Circuits	ZFRSC-183-S+	FA46402640-2	2026-01-16	2027-01-16
DC coupler	EXYNOD	EXDC-00504000	261201	2026-01-16	2027-01-16
DC coupler	EXYNOD	EXDC-00504000	261202	2026-01-16	2027-01-16
RF Attenuator	EXYNOD	10A	008	2026-01-05	2027-01-05
RF Attenuator	EXYNOD	SN0609	0609	2026-01-05	2027-01-05
RF Cable	OSI	PLH16D-EXD	RF Cable 1	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 2	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 3	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 4	-	-
RF Cable	Rosenberger	LU7	0062	-	-
RF Cable	Rosenberger	LU7	0083	-	-

Table 8-3 Radiated Test System

Equipment Name	Manufacturer	Model	Serial Number	Cal. Date	Next Cal.
Amplifier	EXYNOD	ELNA01-40D	631307	2026-01-05	2027-01-05
Amplifier	EXYNOD	ELNA18	33686	2026-01-05	2027-01-05
Amplifier	EXYNOD	ELNA40-50	631308	2026-01-05	2027-01-05
9000 MHz High Pass Filter	Mini-Circuits	ZHFW-K9000	2637	2026-01-29	2027-01-29
18000 MHz High Pass Filter	Mini-Circuits	ZHSS-K18G+	2646	2026-01-29	2027-01-29
RF Cable	OSI	LH18-EXD	AP_X1	-	-
RF Cable	OSI	LH18-EXD	AP_X2	-	-
RF Cable	OSI	E31-EXD	AP_X3	-	-
RF Cable	OSI	E31-EXD	AP_X4	-	-
RF Cable	OSI	PLH16D-EXD	RF Cable 5	-	-

Table 8-4 Test Accessories

Test Accessories Name	Brand	Model No.	Used For
Power Adapter	SamSung	EP-TA865	AC Line Conducted
Charger Cable (C-type)	SamSung	EP-DN980	AC Line Conducted

9. Conclusion

The RF evaluation indicates that the DUT is capable of compliance with the applicable FCC&ISED technical requirements for all parameters subject to this test. These measurements were performed under worst-case operating conditions to ensure representative results. Appropriate laboratory procedures were applied to ensure the repeatability and reliability of the measurements. The results and statements relate only to the item(s) tested.

APPENDIX A - The Maximum Output Power

1) Reference Rule

§2.1046(a)

2) Test Method

ANSI C63.26-2015, clause 5.2.4.2

3) Test Procedure

The call simulator was used to control the EUT for RF power measurements.

The procedure for this method is follows:

- a) Connect the DUT to a wideband gated RF power meter.
- b) Apply an offset to the power meter to compensate for the insertion losses of the cables and attenuators connected between the DUT and the power sensor.
- c) Configure the DUT to transmit at its maximum power control level.
- d) Adjust the gate parameters on the power meter to ensure that the power is measured strictly during the active transmission of the DUT.

Test Note

The output power was measured during the transmitter ON time at the maximum power control level using a gated RF power meter. No duty cycle correction factor was applied.

Conducted Output Power LTE Band26/5 – ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				831.5	836.5	841.5
				26865	26915	26965
15	QPSK	1	0	24.56	24.61	24.48
		1	36	24.51	24.44	24.57
		1	74	24.53	24.51	24.46
		75	0	23.04	23.06	23.09
	16QAM	1	0	23.22	23.20	22.97
		1	36	23.24	23.12	23.17
		1	74	23.05	23.11	22.97
		75	0	21.98	21.95	22.02
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				829	836.5	844
				26840	26915	26990
10	QPSK	1	0	24.53	24.51	24.51
		1	25	24.41	24.44	23.46
		1	49	24.46	24.52	24.41
		50	0	22.96	22.91	22.87
	16QAM	1	0	23.16	23.08	23.07
		1	25	23.05	23.15	23.29
		1	49	23.07	23.03	23.10
		50	0	21.95	21.89	21.86
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				826.5	836.5	846.5
				26815	26915	27015
5	QPSK	1	0	24.52	24.46	24.40
		1	12	24.48	24.43	24.49
		1	24	24.56	24.50	24.43
		25	0	23.01	22.87	22.92
	16QAM	1	0	23.29	22.09	23.04
		1	12	23.22	23.14	23.05
		1	24	23.24	23.17	23.11
		25	0	22.05	21.82	21.89
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				825.5	836.5	847.5
				26805	26915	27025
3	QPSK	1	0	24.54	24.41	24.55
		1	7	24.71	24.32	24.57
		1	14	24.54	24.49	24.41
		15	0	23.09	22.87	22.91
	16QAM	1	0	23.17	22.97	23.16
		1	7	23.33	23.01	23.14
		1	14	23.08	23.06	22.96
		15	0	22.04	21.83	21.94
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				824.7	836.5	848.3
				26797	26915	27033
1.4	QPSK	1	0	24.57	24.46	24.43
		1	3	24.48	24.52	24.41
		1	5	24.52	24.41	24.45
		6	0	23.09	22.98	22.95
	16QAM	1	0	23.13	23.05	23.15
		1	3	23.06	23.26	23.08
		1	5	23.03	23.12	23.04
		6	0	22.14	21.97	21.96

Conducted Output Power LTE Band26/5- ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				831.5	836.5	841.5
				26865	26915	26965
15	QPSK	1	0	23.40	23.33	23.43
		1	36	23.36	23.27	23.33
		1	74	23.29	23.28	23.16
		75	0	21.94	21.83	21.86
	16QAM	1	0	21.98	22.01	21.96
		1	36	22.05	22.04	21.94
		1	74	21.79	21.89	21.82
		75	0	20.87	20.82	20.81
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				829	836.5	844
				26840	26915	26990
10	QPSK	1	0	23.39	23.34	23.26
		1	25	23.31	23.36	23.23
		1	49	23.29	23.21	23.15
		50	0	21.84	21.82	21.70
	16QAM	1	0	22.04	21.94	21.91
		1	25	21.95	22.06	22.04
		1	49	21.92	21.91	21.83
		50	0	20.85	20.83	20.68
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				826.5	836.5	846.5
				26815	26915	27015
5	QPSK	1	0	23.46	23.31	23.19
		1	12	23.23	23.29	23.09
		1	24	23.32	23.31	23.14
		25	0	21.94	21.79	21.63
	16QAM	1	0	22.14	22.03	21.83
		1	12	22.09	22.12	21.74
		1	24	22.01	22.01	21.86
		25	0	20.95	20.78	20.61
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				825.5	836.5	847.5
				26805	26915	27025
3	QPSK	1	0	23.40	23.25	23.16
		1	7	23.44	23.19	23.17
		1	14	23.24	23.22	23.08
		15	0	21.88	21.77	21.65
	16QAM	1	0	22.01	21.85	21.73
		1	7	22.15	21.96	21.89
		1	14	21.94	21.84	21.75
		15	0	20.83	20.74	20.63
BW [MHz]	Modulation	RB Size	RB Offset	Frequency [MHz] / Earfcn		
				824.7	836.5	848.3
				26797	26915	27033
1.4	QPSK	1	0	23.34	23.17	23.07
		1	3	23.42	23.31	22.99
		1	5	23.36	23.30	23.14
		6	0	21.91	21.78	21.66
	16QAM	1	0	21.95	21.87	21.75
		1	3	22.21	22.14	21.64
		1	5	22.03	21.87	21.72
		6	0	20.89	20.86	20.67

End of Test Report.