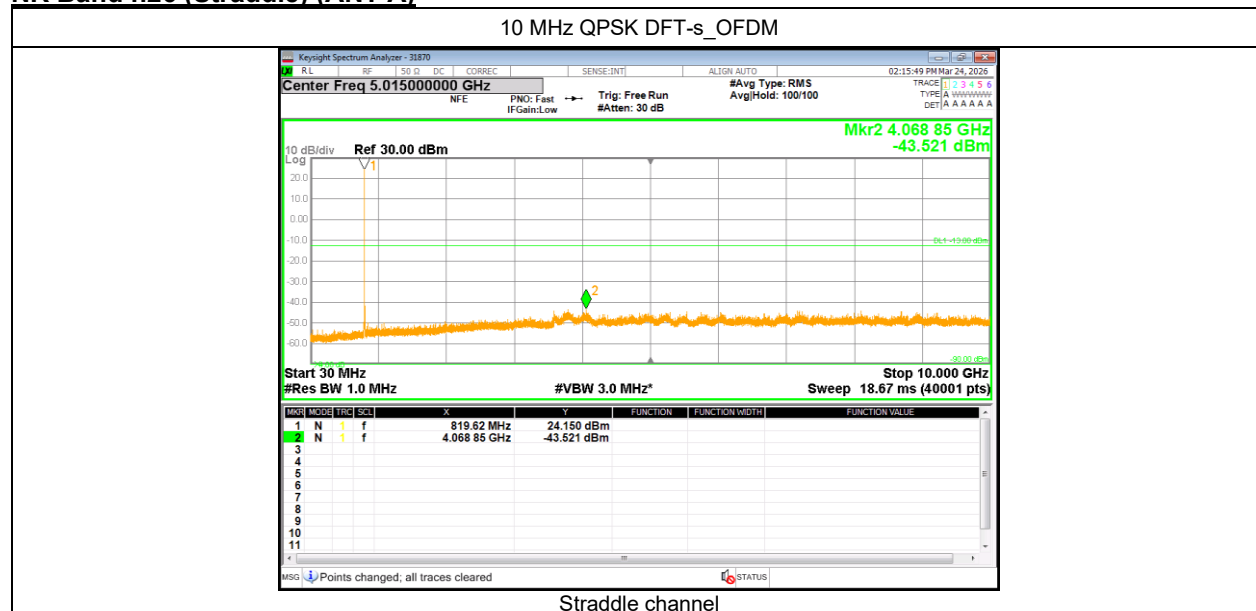


NR Band n26 (Part 90) (ANT A)



NR Band n26 (Straddle) (ANT A)



NR Band n26 (Part 22) (ANT A)



8.6. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §22.355 and §90.213

LIMITS

§22.355 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

§90.213 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

TEST PROCEDURE

Per KDB 971168 D01 Power Meas License Digital Systems v03r01

NOTE

Test were performed each lowest or highest frequency on the modulation condition of more wide bandwidth.(Please refer to OBW results)

RESULTS

See the following pages.

8.6.1. FREQUENCY STABILITY RESULT

GSM 850, Channel 128/251, Frequency 824.2/848.8 MHz **(Lowest Frequency: GPRS / Highest Frequency: EGPRS)**

Test Date	2026-03-23
Test Engineer	31870

Reference Frequency : GSM850 Low Channel 824.2 MHz / High Channel 848.8 MHz @ 20°C						
Limit: +/- 2.5 ppm =		Low Channel	2060.500	Hz	High Channel	2122.000
		Frequency Deviation Measured with Time Elapse				
Power Supply [Vdc]	Environment Temperature [°C]	Low Channel		High Channel		Limit [ppm]
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]	
3.89	50	824.20002474	-0.004	848.80002266	-0.004	2.5
3.89	40	824.20002099	0.000	848.80001807	0.001	2.5
3.89	30	824.20002110	0.000	848.80002460	-0.006	2.5
3.89	20	824.20002111	0.000	848.80001929	0.000	2.5
3.89	10	824.20002460	-0.004	848.80002421	-0.006	2.5
3.89	0	824.20002078	0.000	848.80002377	-0.005	2.5
3.89	-10	824.20002100	0.000	848.80001772	0.002	2.5
3.89	-20	824.20002718	-0.007	848.80002348	-0.005	2.5
3.89	-30	824.20002692	-0.007	848.80002079	-0.002	2.5

Reference Frequency : GSM850 Low Channel 824.2 MHz / High Channel 848.8 MHz @ 20°C						
Limit: +/- 2.5 ppm =		Low Channel	2060.500	Hz	High Channel	2122.000
		Frequency Deviation Measured with Time Elapse				
Power Supply [Vdc]	Environment Temperature [°C]	Low Channel		High Channel		Limit [ppm]
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]	
3.89	20	824.20002111	0	848.80001929	0	2.5
4.45	20	824.20002484	-0.005	848.80002379	-0.005	2.5
3.70	20	824.20002812	-0.009	848.80002673	-0.009	2.5

WCDMA Band 5 (Lowest Frequency: Rel99/ Highest Frequency: Rel99)

Test Date	2026-03-23
Test Engineer	31870

Reference Frequency : WCDMA Band 5 Low Channel 826.4 MHz / High Channel 846.6 MHz @ 20°C						
Limit: +/- 2.5 ppm =		Low Channel	2066.000	Hz	High Channel	2116.500
		Frequency Deviation Measured with Time Elapse				
Power Supply [Vdc]	Environment Temperature [°C]	Low Channel		High Channel		Limit [ppm]
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]	
3.89	50	826.40002125	-0.001	846.60001854	0.001	2.5
3.89	40	826.40002231	-0.003	846.60001752	0.002	2.5
3.89	30	826.40001952	0.001	846.60001663	0.003	2.5
3.89	20	826.40002011	0.000	846.60001926	0.000	2.5
3.89	10	826.40002118	-0.001	846.60001723	0.002	2.5
3.89	0	826.40001854	0.002	846.60001363	0.007	2.5
3.89	-10	826.40001425	0.007	846.60001125	0.009	2.5
3.89	-20	826.40001854	0.002	846.60001459	0.006	2.5
3.89	-30	826.40002154	-0.002	846.60001563	0.004	2.5

Reference Frequency : WCDMA Band 5 Low Channel 826.4 MHz / High Channel 846.6 MHz @ 20°C						
Limit: +/- 2.5 ppm =		Low Channel	2066.000	Hz	High Channel	2116.500
		Frequency Deviation Measured with Time Elapse				
Power Supply [Vdc]	Environment Temperature [°C]	Low Channel		High Channel		Limit [ppm]
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]	
3.89	20	826.40002011	0	846.60001926	0	2.5
4.45	20	826.40002146	-0.002	846.60001854	0.001	2.5
3.70	20	826.40001631	0.005	846.60001525	0.005	2.5

LTE Band 14 (Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2026-03-26
Test Engineer	31870

Limit		788	798	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	788.2562	797.7399		
Extreme (50C)		788.2562	797.7399	14.3	0.018
Extreme (40C)		788.2562	797.7399	11.8	0.015
Extreme (30C)		788.2562	797.7399	10.8	0.014
Extreme (10C)		788.2562	797.7399	9.2	0.012
Extreme (0C)		788.2562	797.7399	10.1	0.013
Extreme (-10C)		788.2562	797.7399	11.5	0.014
Extreme (-20C)		788.2562	797.7399	10.1	0.013
Extreme (-30C)		788.2562	797.7399	8.5	0.011
20C	15%	788.2562	797.7399	7.0	0.009
	-15%	788.2562	797.7399	4.3	0.005
	End Point	788.2562	797.7399	5.3	0.007

LTE Band 26 (Lowest Frequency: QPSK / Highest Frequency: 16QAM)

Test Date	2026-03-23
Test Engineer	31870

Reference Frequency : Low Channel 814.7 MHz / High Channel 848.3 MHz @ 20°C						
Limit: +/- 2.5 ppm =		Low Channel	2036.750	Hz	High Channel	2120.750
		Frequency Deviation Measured with Time Elapse				
Power Supply [Vdc]	Environment Temperature [°C]	Low Channel		High Channel		Limit [ppm]
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]	
3.89	50	814.70002398	-0.004	848.30002150	-0.004	2.5
3.89	40	814.70002021	0.000	848.30001697	0.001	2.5
3.89	30	814.70002038	0.000	848.30002349	-0.006	2.5
3.89	20	814.70002032	0.000	848.30001823	0.000	2.5
3.89	10	814.70002356	-0.004	848.30002345	-0.006	2.5
3.89	0	814.70001982	0.001	848.30002289	-0.005	2.5
3.89	-10	814.70002009	0.000	848.30001652	0.002	2.5
3.89	-20	814.70002640	-0.007	848.30002263	-0.005	2.5
3.89	-30	814.70002606	-0.007	848.30001959	-0.002	2.5

Reference Frequency : Low Channel 814.7 MHz / High Channel 848.3 MHz @ 20°C						
Limit: +/- 2.5 ppm =		Low Channel	2036.750	Hz	High Channel	2120.750
		Frequency Deviation Measured with Time Elapse				
Power Supply [Vdc]	Environment Temperature [°C]	Low Channel		High Channel		Limit [ppm]
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]	
3.89	20	814.70002032	0	848.30001823	0	2.5
4.45	20	814.70002373	-0.004	848.30002262	-0.005	2.5
3.70	20	814.70001854	0.002	848.30001493	0.004	2.5

NR Band n14 (Lowest Frequency: QPSK / Highest Frequency: QPSK)

Test Date	2026-03-30
Test Engineer	31870

Limit		788	798	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	788.2554	797.7421		
Extreme (50C)		788.2554	797.7421	25.2	0.032
Extreme (40C)		788.2554	797.7421	17.8	0.022
Extreme (30C)		788.2554	797.7421	16.2	0.020
Extreme (10C)		788.2554	797.7421	14.7	0.019
Extreme (0C)		788.2554	797.7421	16.3	0.021
Extreme (-10C)		788.2554	797.7421	19.8	0.025
Extreme (-20C)		788.2554	797.7421	16.8	0.021
Extreme (-30C)		788.2554	797.7421	13.9	0.018
20C	15%	788.2554	797.7421	10.5	0.013
	-15%	788.2554	797.7421	7.1	0.009
	End Point	788.2554	797.7421	7.9	0.010

NR Band n26 (Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2026-04-01
Test Engineer	31870

Reference Frequency : Low Channel 814.7 MHz / High Channel 848.3 MHz @ 20°C							
Limit: +/- 2.5 ppm =		Low Channel	2036.750	Hz	High Channel	2120.750	Hz
Power Supply [Vdc]	Environment Temperature [°C]	Frequency Deviation Measured with Time Elapse					Limit [ppm]
		Low Channel		High Channel		Limit [ppm]	
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]		
3.89	50	814.70002076	-0.008	848.30001594	-0.002	2.5	
3.89	40	814.70001271	0.002	848.30001061	0.004	2.5	
3.89	30	814.70001418	0.000	848.30001954	-0.007	2.5	
3.89	20	814.70001425	0.000	848.30001400	0.000	2.5	
3.89	10	814.70001757	-0.004	848.30001603	-0.002	2.5	
3.89	0	814.70001593	-0.002	848.30001498	-0.001	2.5	
3.89	-10	814.70001638	-0.003	848.30001345	0.001	2.5	
3.89	-20	814.70001555	-0.002	848.30001134	0.003	2.5	
3.89	-30	814.70001247	0.002	848.30000885	0.006	2.5	
Reference Frequency : Low Channel 814.7 MHz / High Channel 848.3 MHz @ 20°C							
Limit: +/- 2.5 ppm =		Low Channel	2036.750	Hz	High Channel	2120.750	Hz
Power Supply [Vdc]	Environment Temperature [°C]	Frequency Deviation Measured with Time Elapse					Limit [ppm]
		Low Channel		High Channel		Limit [ppm]	
		[MHz]	Delta [ppm]	[MHz]	Delta [ppm]		
3.89	20	814.70001425	0	848.30001400	0	2.5	
4.45	20	814.70002174	-0.009	848.30001654	-0.003	2.5	
3.70	20	814.70001322	0.001	848.30000985	0.005	2.5	

9. RADIATED RESULTS

9.1. RADIATED POWER (ERP)

RULE PART(S)

FCC: §2.1046, §22.913, §90.542 and §90.635

LIMITS

§22.913(a) - The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

§90.542(a)(7) - Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

§90.635(b) The maximum output power of the transmitter for mobile stations is 100 watts (20dBw).

TEST PROCEDURE

ANSI / TIA / EIA 603 E Clause 2.2.17; ESU40 setting reference to 971168 D01 v03r01

For radiated output power measurement with a ESU40:

- a) Set the RBW $\geq 1\%$ to 5% of the OBW;
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span $\geq 2 \times$ to $3 \times$ the OBW.;
- d) Sweep time = auto couple or Set $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission period})]$ for single sweep (automation-compatible) measurement. Transmission period is the on and off time of the transmitter.;
- e) Detector = rms;
- f) Ensure that the number of measurement points $\geq 2 \times \text{span/RBW}$;
- g) Trace mode = average;
- h) If the EUT can be configured to transmit continuously, then set the trigger to free run.
- i) If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints (i.e., configured such that measurement data is collected only during active full-power transmissions).
- j) Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over multiple symbols, it can be necessary to increase the number of traces to be averaged above 100 or, if using a manually configured sweep time, increase the sweep time.
- k) Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function, with the band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

NOTE

LTE, 5G NR : The OBW value corresponding to the total channel bandwidth is the OBW of FullRB. Measurements were made with a 1RB configuration (worst-case) across the entire channel bandwidth, and FRB configurations were reported for the widest BW.

TEST RESULTS

See the following pages.

9.1.1. ERP RESULT

GSM (ANT A)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)
GSM 850	GPRS	824.20	29.81	V	3.00	-1.03	25.78	0.378	38.50	-12.72
		836.60	31.04	V	3.02	-0.97	27.05	0.507	38.50	-11.45
		848.80	29.56	V	3.04	-0.91	25.61	0.364	38.50	-12.89
	EGPRS	824.20	24.35	V	3.00	-1.03	20.32	0.108	38.50	-18.18
		836.60	26.29	V	3.02	-0.97	22.30	0.170	38.50	-16.20
		848.80	23.88	V	3.04	-0.91	19.93	0.098	38.50	-18.57

GSM (ANT D)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)
GSM 850	GPRS	824.20	32.31	H	3.00	-1.03	28.28	0.673	38.50	-10.22
		836.60	32.16	V	3.02	-0.97	28.17	0.656	38.50	-10.33
		848.80	33.14	V	3.04	-0.91	29.19	0.830	38.50	-9.31
	EGPRS	824.20	27.38	H	3.00	-1.03	23.35	0.216	38.50	-15.15
		836.60	28.01	V	3.02	-0.97	24.02	0.252	38.50	-14.48
		848.80	28.31	V	3.04	-0.91	24.36	0.273	38.50	-14.14

GSM (ANT A+B)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)
GSM 850	GPRS	824.20	34.34	H	3.00	-1.03	30.31	1.074	38.50	-8.19
		836.60	35.39	V	3.02	-0.97	31.40	1.380	38.50	-7.10
		848.80	35.97	V	3.04	-0.91	32.02	1.592	38.50	-6.48
	EGPRS	824.20	28.83	H	3.00	-1.03	24.80	0.302	38.50	-13.70
		836.60	30.83	V	3.02	-0.97	26.84	0.483	38.50	-11.66
		848.80	31.01	V	3.04	-0.91	27.06	0.508	38.50	-11.44

WCDMA (ANT A)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)
Band 5	REL99	826.40	21.60	V	3.00	-1.02	17.58	0.057	38.50	-20.92
		836.60	22.86	V	3.02	-0.97	18.87	0.077	38.50	-19.63
		846.60	20.98	V	3.04	-0.92	17.02	0.050	38.50	-21.48
	HSDPA	826.40	20.00	V	3.00	-1.02	15.98	0.040	38.50	-22.52
		836.60	21.16	V	3.02	-0.97	17.17	0.052	38.50	-21.33
		846.60	19.56	V	3.04	-0.92	15.60	0.036	38.50	-22.90

WCDMA (ANT D)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)
Band 5	REL99	826.40	23.72	H	3.00	-1.02	19.70	0.093	38.50	-18.80
		836.60	24.07	H	3.02	-0.97	20.08	0.102	38.50	-18.42
		846.60	24.34	V	3.04	-0.92	20.38	0.109	38.50	-18.12
	HSDPA	826.40	22.68	H	3.00	-1.02	18.66	0.073	38.50	-19.84
		836.60	23.26	V	3.02	-0.97	19.27	0.085	38.50	-19.23
		846.60	22.80	V	3.04	-0.92	18.84	0.077	38.50	-19.66

WCDMA (ANT A+B)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)
Band 5	REL99	826.40	26.42	V	3.00	-1.02	22.40	0.174	38.50	-16.10
		836.60	26.91	V	3.02	-0.97	22.92	0.196	38.50	-15.58
		846.60	26.17	V	3.04	-0.92	22.21	0.166	38.50	-16.29
	HSDPA	826.40	24.65	V	3.00	-1.02	20.63	0.116	38.50	-17.87
		836.60	25.87	V	3.02	-0.97	21.88	0.154	38.50	-16.62
		846.60	25.02	V	3.04	-0.92	21.06	0.128	38.50	-17.44

LTE Band 14 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	793.00	22.57	V	2.94	-0.69	18.94	0.078	34.77	-15.83	1 / 0
	16-QAM	793.00	21.39	V	2.94	-0.69	17.76	0.060	34.77	-17.01	1 / 25
5	QPSK	790.50	22.63	V	2.94	-0.70	19.00	0.079	34.77	-15.77	1 / 12
		793.00	22.63	V	2.94	-0.69	19.00	0.079	34.77	-15.77	1 / 12
		795.50	22.64	V	2.94	-0.67	19.02	0.080	34.77	-15.75	1 / 12
		790.50	21.50	V	2.94	-0.70	17.87	0.061	34.77	-16.90	1 / 24
	16-QAM	793.00	21.65	V	2.94	-0.69	18.02	0.063	34.77	-16.75	1 / 12
		795.50	21.66	V	2.94	-0.67	18.04	0.064	34.77	-16.73	1 / 24
		793.00	21.30	V	2.94	-0.69	17.67	0.058	34.77	-17.10	50/0
		793.00	19.95	V	2.94	-0.69	16.32	0.043	34.77	-18.45	50/0

LTE Band 14 (ANT D)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	793.00	22.29	H	2.94	-1.16	18.18	0.066	34.77	-16.59	1 / 0
	16-QAM	793.00	21.46	H	2.94	-1.16	17.35	0.054	34.77	-17.42	1 / 25
5	QPSK	790.50	22.36	H	2.94	-1.17	18.25	0.067	34.77	-16.52	1 / 12
		793.00	21.83	H	2.94	-1.16	17.72	0.059	34.77	-17.05	1 / 0
		795.50	21.75	H	2.94	-1.16	17.65	0.058	34.77	-17.12	1 / 0
		790.50	21.71	H	2.94	-1.17	17.60	0.058	34.77	-17.17	1 / 12
	16-QAM	793.00	20.89	H	2.94	-1.16	16.78	0.048	34.77	-17.99	1 / 0
		795.50	20.95	H	2.94	-1.16	16.85	0.048	34.77	-17.92	1 / 0
		793.00	21.18	H	2.94	-1.16	17.07	0.051	34.77	-17.70	50/0
		793.00	20.20	H	2.94	-1.16	16.09	0.041	34.77	-18.68	50/0

LTE Band 14 (ANT A+B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	793.00	25.27	H	2.94	-1.16	21.16	0.131	34.77	-13.61	1 / 0
	16-QAM	793.00	24.51	H	2.94	-1.16	20.40	0.110	34.77	-14.37	1 / 25
5	QPSK	790.50	25.14	H	2.94	-1.17	21.03	0.127	34.77	-13.74	1 / 12
		793.00	25.12	H	2.94	-1.16	21.01	0.126	34.77	-13.76	1 / 12
		795.50	25.05	H	2.94	-1.16	20.95	0.124	34.77	-13.82	1 / 12
		790.50	24.53	H	2.94	-1.17	20.42	0.110	34.77	-14.35	1 / 24
	16-QAM	793.00	24.24	H	2.94	-1.16	20.13	0.103	34.77	-14.64	1 / 12
		795.50	24.20	H	2.94	-1.16	20.10	0.102	34.77	-14.67	1 / 24
		793.00	24.00	H	2.94	-1.16	19.89	0.097	34.77	-14.88	50/0
		793.00	23.07	H	2.94	-1.16	18.96	0.079	34.77	-15.81	50/0

LTE Band 26 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
15	QPSK	821.50	21.87	V	2.99	-1.04	17.83	0.061	50.00	-32.17	1 / 0
		824.00	20.92	V	3.00	-1.03	16.89	0.049	38.50	-21.61	1 / 0
		831.50	22.18	V	3.01	-0.99	18.18	0.066	38.50	-20.32	1 / 37
		836.50	22.11	V	3.02	-0.97	18.12	0.065	38.50	-20.38	1 / 74
		841.50	22.81	V	3.03	-0.94	18.84	0.077	38.50	-19.66	1 / 37
	16-QAM	821.50	21.02	V	2.99	-1.04	16.98	0.050	50.00	-33.02	1 / 0
		824.00	20.19	V	3.00	-1.03	16.16	0.041	38.50	-22.34	1 / 37
		831.50	21.40	V	3.01	-0.99	17.40	0.055	38.50	-21.10	1 / 37
		836.50	21.33	V	3.02	-0.97	17.34	0.054	38.50	-21.16	1 / 0
		841.50	21.84	V	3.03	-0.94	17.87	0.061	38.50	-20.63	1 / 37
10	QPSK	819.00	21.87	V	2.99	-1.06	17.82	0.061	50.00	-32.18	1 / 49
		824.00	20.98	V	3.00	-1.03	16.95	0.050	38.50	-21.55	1 / 25
		829.00	22.27	V	3.01	-1.01	18.25	0.067	38.50	-20.25	1 / 0
		836.50	22.01	V	3.02	-0.97	18.02	0.063	38.50	-20.48	1 / 0
		844.00	22.93	V	3.03	-0.93	18.97	0.079	38.50	-19.53	1 / 25
	16-QAM	819.00	21.33	V	2.99	-1.06	17.28	0.053	50.00	-32.72	1 / 25
		824.00	20.30	V	3.00	-1.03	16.27	0.042	38.50	-22.23	1 / 49
		829.00	21.51	V	3.01	-1.01	17.49	0.056	38.50	-21.01	1 / 49
		836.50	21.38	V	3.02	-0.97	17.39	0.055	38.50	-21.11	1 / 49
		844.00	21.78	V	3.03	-0.93	17.82	0.061	38.50	-20.68	1 / 25
5	QPSK	816.50	21.88	V	2.98	-1.07	17.83	0.061	50.00	-33.02	1 / 12
		821.50	21.01	V	2.99	-1.04	16.98	0.050	50.00	-33.12	1 / 0
		824.00	20.91	V	3.00	-1.03	16.88	0.049	38.50	-20.29	1 / 24
		826.50	22.23	V	3.00	-1.02	18.21	0.066	38.50	-20.54	1 / 0
		836.50	21.95	V	3.02	-0.97	17.96	0.063	38.50	-19.62	1 / 24
	16-QAM	846.50	22.84	V	3.04	-0.92	18.88	0.077	38.50	-21.44	1 / 0
		816.50	21.11	V	2.98	-1.07	17.06	0.051	50.00	-34.04	1 / 0
		821.50	19.99	V	2.99	-1.04	15.96	0.039	50.00	-34.04	1 / 12
		824.00	19.99	V	3.00	-1.03	15.96	0.039	38.50	-21.33	1 / 24
		826.50	21.19	V	3.00	-1.02	17.17	0.052	38.50	-21.30	1 / 12
3	QPSK	815.50	21.96	V	2.98	-1.07	17.91	0.062	50.00	-32.09	1 / 14
		822.50	20.90	V	3.00	-1.04	16.86	0.049	50.00	-33.14	1 / 8
		824.00	20.88	V	3.00	-1.03	16.85	0.048	38.50	-21.65	1 / 0
		825.50	22.21	V	3.00	-1.02	18.19	0.066	38.50	-20.31	1 / 0
		836.50	21.94	V	3.02	-0.97	17.95	0.062	38.50	-20.55	1 / 8
	16-QAM	847.50	22.99	V	3.04	-0.91	19.04	0.080	38.50	-19.46	1 / 8
		815.50	21.14	V	2.98	-1.07	17.09	0.051	50.00	-32.91	1 / 0
		822.50	20.04	V	3.00	-1.04	16.00	0.040	50.00	-34.00	1 / 8
		824.00	19.95	V	3.00	-1.03	15.92	0.039	38.50	-22.58	1 / 8
		825.50	21.25	V	3.00	-1.02	17.23	0.053	38.50	-21.27	1 / 0
1.4	QPSK	836.50	21.13	V	3.02	-0.97	17.14	0.052	38.50	-21.36	1 / 0
		847.50	21.64	V	3.04	-0.91	17.69	0.059	38.50	-20.81	1 / 8
	16-QAM	814.70	21.91	V	2.98	-1.08	17.85	0.061	50.00	-32.15	1 / 5
		823.30	20.94	V	3.00	-1.03	16.91	0.049	50.00	-33.09	1 / 0
		824.00	20.86	V	3.00	-1.03	16.83	0.048	38.50	-21.67	1 / 3
15	QPSK	824.70	22.30	V	3.00	-1.03	18.27	0.067	38.50	-20.23	1 / 0
		836.50	22.02	V	3.02	-0.97	18.03	0.064	38.50	-20.47	1 / 0
		848.30	22.87	V	3.04	-0.91	18.92	0.078	38.50	-19.58	1 / 3
	16-QAM	814.70	21.21	V	2.98	-1.08	17.15	0.052	50.00	-32.85	1 / 0
		823.30	19.91	V	3.00	-1.03	15.88	0.039	50.00	-34.12	1 / 3
15	QPSK	824.00	19.92	V	3.00	-1.03	15.89	0.039	38.50	-22.61	1 / 3
		824.70	21.26	V	3.00	-1.03	17.23	0.053	38.50	-21.27	1 / 0
		836.50	21.09	V	3.02	-0.97	17.10	0.051	38.50	-21.40	1 / 0
		848.30	21.69	V	3.04	-0.91	17.74	0.059	38.50	-20.76	1 / 5
	16-QAM	821.50	20.81	V	2.99	-1.04	16.77	0.048	50.00	-33.23	75/0
		824.00	19.83	V	3.00	-1.03	15.80	0.038	38.50	-22.70	75/0
		831.50	21.17	V	3.01	-0.99	17.17	0.052	38.50	-21.33	75/0
		836.50	20.91	V	3.02	-0.97	16.92	0.049	38.50	-21.58	75/0
		841.50	21.91	V	3.03	-0.94	17.94	0.062	38.50	-20.56	75/0

LTE Band 26 (ANT D)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
15	QPSK	821.50	23.82	H	2.99	-1.04	19.78	0.095	50.00	-30.22	1/0
		824.00	23.89	H	3.00	-1.03	19.86	0.097	38.50	-18.64	1/0
		831.50	24.29	V	3.01	-0.99	20.29	0.107	38.50	-18.21	1/0
		836.50	24.45	V	3.02	-0.97	20.46	0.111	38.50	-18.04	1/37
		841.50	24.48	V	3.03	-0.94	20.51	0.112	38.50	-17.99	1/37
	16-QAM	821.50	22.94	H	2.99	-1.04	18.90	0.078	50.00	-31.10	1/0
		824.00	23.30	H	3.00	-1.03	19.27	0.085	38.50	-19.23	1/0
		831.50	23.46	V	3.01	-0.99	19.46	0.088	38.50	-19.04	1/74
		836.50	23.66	V	3.02	-0.97	19.67	0.093	38.50	-18.83	1/37
		841.50	23.54	V	3.03	-0.94	19.57	0.091	38.50	-18.93	1/74
10	QPSK	819.00	23.91	H	2.99	-1.06	19.86	0.097	50.00	-30.14	1/0
		824.00	24.08	H	3.00	-1.03	20.05	0.101	38.50	-18.45	1/0
		829.00	24.32	V	3.01	-1.01	20.30	0.107	38.50	-18.20	1/0
		836.50	24.30	V	3.02	-0.97	20.31	0.107	38.50	-18.19	1/0
		844.00	24.53	V	3.03	-0.93	20.57	0.114	38.50	-17.93	1/0
	16-QAM	819.00	22.98	H	2.99	-1.06	18.93	0.078	50.00	-31.07	1/0
		824.00	23.11	H	3.00	-1.03	19.08	0.081	38.50	-19.42	1/25
		829.00	23.40	V	3.01	-1.01	19.38	0.087	38.50	-19.12	1/25
		836.50	23.34	V	3.02	-0.97	19.35	0.086	38.50	-19.15	1/0
		844.00	23.61	V	3.03	-0.93	19.65	0.092	38.50	-18.85	1/49
5	QPSK	816.50	24.05	H	2.98	-1.07	20.00	0.100	50.00	-30.01	1/0
		821.50	24.02	H	2.99	-1.04	19.99	0.100	50.00	-30.09	1/0
		824.00	23.94	H	3.00	-1.03	19.91	0.098	38.50	-18.11	1/0
		828.50	24.41	V	3.00	-1.02	20.39	0.109	38.50	-18.07	1/0
		836.50	24.42	V	3.02	-0.97	20.43	0.110	38.50	-18.01	1/0
	16-QAM	846.50	24.45	V	3.04	-0.92	20.49	0.112	38.50	-19.30	1/0
		816.50	23.25	H	2.98	-1.07	19.20	0.083	50.00	-30.50	1/0
		821.50	23.53	H	2.99	-1.04	19.50	0.089	50.00	-30.44	1/24
		824.00	23.59	H	3.00	-1.03	19.56	0.090	38.50	-18.56	1/0
		828.50	23.96	V	3.00	-1.02	19.94	0.099	38.50	-18.78	1/0
3	QPSK	836.50	23.71	V	3.02	-0.97	19.72	0.094	38.50	-18.54	1/0
		846.50	23.92	V	3.04	-0.92	19.96	0.099	38.50	-18.54	1/0
		815.50	23.97	H	2.98	-1.07	19.92	0.098	50.00	-30.08	1/8
		822.50	23.99	H	3.00	-1.04	19.95	0.099	50.00	-30.05	1/8
		824.00	23.85	H	3.00	-1.03	19.82	0.096	38.50	-18.68	1/8
	16-QAM	825.50	24.39	V	3.00	-1.02	20.37	0.109	38.50	-18.13	1/8
		836.50	24.47	V	3.02	-0.97	20.48	0.112	38.50	-18.02	1/8
		847.50	24.48	V	3.04	-0.91	20.53	0.113	38.50	-17.97	1/8
		815.50	23.31	H	2.98	-1.07	19.26	0.084	50.00	-30.74	1/0
		822.50	23.48	H	3.00	-1.04	19.44	0.088	50.00	-30.56	1/0
1.4	QPSK	824.00	23.55	H	3.00	-1.03	19.52	0.090	38.50	-18.98	1/8
		825.50	24.01	V	3.00	-1.02	19.99	0.100	38.50	-18.51	1/8
		836.50	23.54	V	3.02	-0.97	19.55	0.090	38.50	-18.95	1/0
		847.50	23.70	V	3.04	-0.91	19.75	0.094	38.50	-18.75	1/8
		814.70	23.83	H	2.98	-1.08	19.77	0.095	50.00	-30.23	1/3
	16-QAM	823.30	23.94	H	3.00	-1.03	19.91	0.098	50.00	-30.09	1/3
		824.00	23.79	H	3.00	-1.03	19.76	0.095	38.50	-18.74	1/5
		824.70	24.37	V	3.00	-1.03	20.34	0.108	38.50	-18.16	1/5
		836.50	24.36	V	3.02	-0.97	20.37	0.109	38.50	-18.13	1/0
		848.30	24.32	V	3.04	-0.91	20.37	0.109	38.50	-18.13	1/3
15	QPSK	814.70	23.05	H	2.98	-1.08	18.99	0.079	50.00	-31.01	1/5
		823.30	23.44	H	3.00	-1.03	19.41	0.087	50.00	-30.59	1/3
		824.00	23.36	H	3.00	-1.03	19.33	0.086	38.50	-19.17	1/5
		824.70	23.61	V	3.00	-1.03	19.58	0.091	38.50	-18.92	1/0
		836.50	23.45	V	3.02	-0.97	19.46	0.088	38.50	-19.04	1/0
	16-QAM	848.30	23.51	V	3.04	-0.91	19.56	0.090	38.50	-18.94	1/5
		821.50	22.70	H	2.99	-1.04	18.66	0.073	50.00	-31.34	75/0
		824.00	22.82	H	3.00	-1.03	18.79	0.076	38.50	-19.71	75/0
		831.50	23.25	V	3.01	-0.99	19.25	0.084	38.50	-19.25	75/0
		836.50	23.30	V	3.02	-0.97	19.31	0.085	38.50	-19.19	75/0
		841.50	23.30	V	3.03	-0.94	19.33	0.086	38.50	-19.17	75/0
15	QPSK	821.50	21.53	H	2.99	-1.04	17.49	0.056	50.00	-32.51	75/0
		824.00	21.91	H	3.00	-1.03	17.88	0.061	38.50	-20.62	75/0
		831.50	22.27	V	3.01	-0.99	18.27	0.067	38.50	-20.23	75/0
		836.50	22.18	V	3.02	-0.97	18.19	0.066	38.50	-20.31	75/0
		841.50	22.23	V	3.03	-0.94	18.26	0.067	38.50	-20.24	75/0
	16-QAM	821.50	21.53	H	2.99	-1.04	17.49	0.056	50.00	-32.51	75/0
		824.00	21.91	H	3.00	-1.03	17.88	0.061	38.50	-20.62	75/0
		831.50	22.27	V	3.01	-0.99	18.27	0.067	38.50	-20.23	75/0
		836.50	22.18	V	3.02	-0.97	18.19	0.066	38.50	-20.31	75/0
		841.50	22.23	V	3.03	-0.94	18.26	0.067	38.50	-20.24	75/0

LTE Band 26 (ANT A+B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
15	QPSK	821.50	26.24	V	2.99	-1.04	22.20	0.166	50.00	-27.80	1 / 0
		824.00	25.65	V	3.00	-1.03	21.62	0.145	38.50	-16.88	1 / 0
		831.50	26.09	V	3.01	-0.99	22.09	0.162	38.50	-16.41	1 / 37
		836.50	26.24	V	3.02	-0.97	22.25	0.168	38.50	-16.25	1 / 74
		841.50	25.83	H	3.03	-0.94	21.85	0.153	38.50	-16.65	1 / 37
	16-QAM	821.50	25.29	V	2.99	-1.04	21.25	0.133	50.00	-28.75	1 / 0
		824.00	24.80	V	3.00	-1.03	20.77	0.119	38.50	-17.73	1 / 37
		831.50	25.36	V	3.01	-0.99	21.36	0.137	38.50	-17.14	1 / 37
		836.50	25.30	V	3.02	-0.97	21.31	0.135	38.50	-17.19	1 / 0
		841.50	24.98	H	3.03	-0.94	21.00	0.126	38.50	-17.50	1 / 37
10	QPSK	819.00	26.24	V	2.99	-1.06	22.19	0.166	50.00	-27.81	1 / 49
		824.00	25.71	V	3.00	-1.03	21.68	0.147	38.50	-16.82	1 / 25
		829.00	26.18	V	3.01	-1.01	22.16	0.164	38.50	-16.34	1 / 0
		836.50	26.14	V	3.02	-0.97	22.15	0.164	38.50	-16.35	1 / 0
		844.00	25.95	H	3.03	-0.93	21.98	0.158	38.50	-16.52	1 / 25
	16-QAM	819.00	25.60	V	2.99	-1.06	21.55	0.143	50.00	-28.45	1 / 25
		824.00	24.91	V	3.00	-1.03	20.88	0.122	38.50	-17.62	1 / 49
		829.00	25.47	V	3.01	-1.01	21.45	0.140	38.50	-17.05	1 / 49
		836.50	25.35	V	3.02	-0.97	21.36	0.137	38.50	-17.14	1 / 49
		844.00	24.92	H	3.03	-0.93	20.95	0.124	38.50	-17.55	1 / 25
5	QPSK	816.50	26.25	V	2.98	-1.07	22.20	0.166	50.00	-28.29	1 / 12
		821.50	25.74	V	2.99	-1.04	21.71	0.148	50.00	-28.39	1 / 0
		824.00	25.64	V	3.00	-1.03	21.61	0.145	38.50	-16.38	1 / 24
		826.50	26.14	V	3.00	-1.02	22.12	0.163	38.50	-16.41	1 / 0
		836.50	26.08	V	3.02	-0.97	22.09	0.162	38.50	-16.61	1 / 24
		846.50	25.85	H	3.04	-0.92	21.89	0.155	38.50	-17.17	1 / 0
	16-QAM	816.50	25.38	V	2.98	-1.07	21.33	0.136	50.00	-29.43	1 / 0
		821.50	24.60	V	2.99	-1.04	20.57	0.114	50.00	-29.43	1 / 12
		824.00	24.60	V	3.00	-1.03	20.57	0.114	38.50	-17.37	1 / 24
		826.50	25.15	V	3.00	-1.02	21.13	0.130	38.50	-17.33	1 / 12
		836.50	25.16	V	3.02	-0.97	21.17	0.131	38.50	-17.64	1 / 0
		846.50	24.82	H	3.04	-0.92	20.86	0.122	38.50	-17.64	1 / 24
3	QPSK	815.50	26.33	V	2.98	-1.07	22.28	0.169	50.00	-27.72	1 / 14
		822.50	25.63	V	3.00	-1.04	21.59	0.144	50.00	-28.41	1 / 8
		824.00	25.61	V	3.00	-1.03	21.58	0.144	38.50	-16.92	1 / 0
		825.50	26.12	V	3.00	-1.02	22.10	0.162	38.50	-16.40	1 / 0
		836.50	26.07	V	3.02	-0.97	22.08	0.161	38.50	-16.42	1 / 8
		847.50	26.01	H	3.04	-0.91	22.05	0.160	38.50	-16.45	1 / 8
	16-QAM	815.50	25.41	V	2.98	-1.07	21.36	0.137	50.00	-28.64	1 / 0
		822.50	24.65	V	3.00	-1.04	20.61	0.115	50.00	-29.39	1 / 8
		824.00	24.56	V	3.00	-1.03	20.53	0.113	38.50	-17.97	1 / 8
		825.50	25.21	V	3.00	-1.02	21.19	0.132	38.50	-17.31	1 / 0
		836.50	25.10	V	3.02	-0.97	21.11	0.129	38.50	-17.39	1 / 0
		847.50	24.78	H	3.04	-0.91	20.82	0.121	38.50	-17.68	1 / 8
1.4	QPSK	814.70	26.28	V	2.98	-1.08	22.22	0.167	50.00	-27.78	1 / 5
		823.30	25.67	V	3.00	-1.03	21.64	0.146	50.00	-28.36	1 / 0
		824.00	25.59	V	3.00	-1.03	21.56	0.143	38.50	-16.94	1 / 3
		824.70	26.21	V	3.00	-1.03	22.18	0.165	38.50	-16.32	1 / 0
		836.50	26.15	V	3.02	-0.97	22.16	0.164	38.50	-16.34	1 / 0
		848.30	25.89	H	3.04	-0.91	21.93	0.156	38.50	-16.57	1 / 3
	16-QAM	814.70	25.48	V	2.98	-1.08	21.42	0.139	50.00	-28.58	1 / 0
		823.30	24.52	V	3.00	-1.03	20.49	0.112	50.00	-29.51	1 / 3
		824.00	24.53	V	3.00	-1.03	20.50	0.112	38.50	-18.00	1 / 3
		824.70	25.22	V	3.00	-1.03	21.19	0.132	38.50	-17.31	1 / 0
		836.50	25.06	V	3.02	-0.97	21.07	0.128	38.50	-17.43	1 / 0
		848.30	24.83	H	3.04	-0.91	20.87	0.122	38.50	-17.63	1 / 5
15	QPSK	821.50	25.18	V	2.99	-1.04	21.14	0.130	50.00	-28.86	75/0
		824.00	24.56	V	3.00	-1.03	20.53	0.113	38.50	-17.97	75/0
		831.50	25.08	V	3.01	-0.99	21.08	0.128	38.50	-17.42	75/0
		836.50	25.04	V	3.02	-0.97	21.05	0.127	38.50	-17.45	75/0
		841.50	24.93	H	3.03	-0.94	20.95	0.124	38.50	-17.55	75/0
	16-QAM	821.50	23.97	V	2.99	-1.04	19.93	0.098	50.00	-30.07	75/0
		824.00	23.23	V	3.00	-1.03	19.20	0.083	38.50	-19.30	75/0
		831.50	23.74	V	3.01	-0.99	19.74	0.094	38.50	-18.76	75/0
		836.50	23.79	V	3.02	-0.97	19.80	0.095	38.50	-18.70	75/0
		841.50	23.51	H	3.03	-0.94	19.53	0.090	38.50	-18.97	75/0

NR Band n14 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	793.00	22.74	V	2.94	-0.69	19.11	0.082	34.77	-15.66	1 / 1
	16-QAM	793.00	21.49	V	2.94	-0.69	17.86	0.061	34.77	-16.91	1 / 25
5	QPSK	790.50	22.21	V	2.94	-0.70	18.58	0.072	34.77	-16.19	1 / 1
		793.00	22.67	V	2.94	-0.69	19.04	0.080	34.77	-15.73	1 / 1
		795.50	23.00	V	2.94	-0.67	19.38	0.087	34.77	-15.39	1 / 1
		790.50	20.82	V	2.94	-0.70	17.19	0.052	34.77	-17.58	1 / 23
	16-QAM	793.00	21.75	V	2.94	-0.69	18.12	0.065	34.77	-16.65	1 / 1
		795.50	21.79	V	2.94	-0.67	18.17	0.066	34.77	-16.60	1 / 12
		793.00	21.60	V	2.94	-0.69	17.97	0.063	34.77	-16.80	50/0
		793.00	20.21	V	2.94	-0.69	16.58	0.045	34.77	-18.19	50/0

NR Band n14 DFT-s OFDM (ANT D)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	793.00	22.30	H	2.94	-1.16	18.19	0.066	34.77	-16.58	1 / 1
	16-QAM	793.00	21.69	H	2.94	-1.16	17.58	0.057	34.77	-17.19	1 / 50
5	QPSK	790.50	22.42	H	2.94	-1.17	18.31	0.068	34.77	-16.46	1 / 1
		793.00	22.13	H	2.94	-1.16	18.02	0.063	34.77	-16.75	1 / 1
		795.50	22.51	H	2.94	-1.16	18.41	0.069	34.77	-16.36	1 / 1
		790.50	21.07	H	2.94	-1.17	16.96	0.050	34.77	-17.81	1 / 1
	16-QAM	793.00	20.99	H	2.94	-1.16	16.88	0.049	34.77	-17.89	1 / 23
		795.50	21.62	H	2.94	-1.16	17.52	0.056	34.77	-17.25	1 / 23
		793.00	21.20	H	2.94	-1.16	17.09	0.051	34.77	-17.68	50/0
		793.00	20.65	H	2.94	-1.16	16.54	0.045	34.77	-18.23	50/0

NR Band n14 DFT-s OFDM (ANT A+B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	793.00	25.15	H	2.94	-1.16	21.04	0.127	34.77	-13.73	1 / 1
	16-QAM	793.00	24.12	H	2.94	-1.16	20.01	0.100	34.77	-14.76	1 / 25
5	QPSK	790.50	24.93	H	2.94	-1.17	20.82	0.121	34.77	-13.95	1 / 1
		793.00	25.14	H	2.94	-1.16	21.03	0.127	34.77	-13.74	1 / 1
		795.50	25.06	H	2.94	-1.16	20.96	0.125	34.77	-13.81	1 / 1
		790.50	23.74	H	2.94	-1.17	19.63	0.092	34.77	-15.14	1 / 23
	16-QAM	793.00	23.68	H	2.94	-1.16	19.57	0.091	34.77	-15.20	1 / 1
		795.50	24.21	H	2.94	-1.16	20.11	0.103	34.77	-14.66	1 / 12
		793.00	24.01	H	2.94	-1.16	19.90	0.098	34.77	-14.87	50/0
		793.00	22.84	H	2.94	-1.16	18.73	0.075	34.77	-16.04	50/0

NR Band n26 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	824.00	21.49	V	3.00	-1.03	17.46	0.056	38.50	-21.04	1 / 1
		834.00	21.24	V	3.02	-0.98	17.24	0.053	38.50	-21.26	1 / 1
		836.50	21.14	V	3.02	-0.97	17.15	0.052	38.50	-21.35	1 / 1
		839.00	22.61	V	3.03	-0.96	18.63	0.073	38.50	-19.87	1 / 1
	16-QAM	824.00	20.29	V	3.00	-1.03	16.26	0.042	38.50	-22.24	1 / 1
		834.00	20.26	V	3.02	-0.98	16.26	0.042	38.50	-22.24	1 / 1
		836.50	19.94	V	3.02	-0.97	15.95	0.039	38.50	-22.55	1 / 1
		839.00	21.59	V	3.03	-0.96	17.61	0.058	38.50	-20.89	1 / 1
15	QPSK	821.50	22.00	V	2.99	-1.04	17.97	0.063	50.00	-32.03	1 / 1
		824.00	21.90	V	3.00	-1.03	17.87	0.061	38.50	-20.63	1 / 1
		831.50	21.27	V	3.01	-0.99	17.27	0.053	38.50	-21.23	1 / 1
		836.50	21.13	V	3.02	-0.97	17.14	0.052	38.50	-21.36	1 / 1
	16-QAM	841.50	22.57	V	3.03	-0.94	18.60	0.072	38.50	-19.90	1 / 77
		821.50	21.12	V	2.99	-1.04	17.09	0.051	50.00	-32.91	1 / 77
		824.00	20.81	V	3.00	-1.03	16.78	0.048	38.50	-21.72	1 / 1
		831.50	20.26	V	3.01	-0.99	16.26	0.042	38.50	-22.24	1 / 1
10	QPSK	836.50	19.87	V	3.02	-0.97	15.88	0.039	38.50	-22.62	1 / 1
		841.50	21.59	V	3.03	-0.94	17.62	0.058	38.50	-20.88	1 / 77
	16-QAM	819.00	22.01	V	2.99	-1.06	17.96	0.063	50.00	-32.04	1 / 49
		824.00	22.07	V	3.00	-1.03	18.04	0.064	38.50	-20.46	1 / 1
		829.00	21.35	V	3.01	-1.01	17.33	0.054	38.50	-21.17	1 / 1
		836.50	21.19	V	3.02	-0.97	17.20	0.052	38.50	-21.30	1 / 49
	16-QAM	844.00	22.64	V	3.03	-0.93	18.68	0.074	38.50	-19.82	1 / 1
		819.00	21.10	V	2.99	-1.06	17.05	0.051	50.00	-32.95	1 / 1
5	QPSK	824.00	20.95	V	3.00	-1.03	16.92	0.049	38.50	-21.58	1 / 49
		829.00	20.45	V	3.01	-1.01	16.43	0.044	38.50	-22.07	1 / 1
		836.50	20.07	V	3.02	-0.97	16.08	0.041	38.50	-22.42	1 / 1
		844.00	21.80	V	3.03	-0.93	17.84	0.061	38.50	-20.66	1 / 49
	16-QAM	816.50	22.14	V	2.98	-1.07	18.09	0.064	50.00	-31.91	1 / 12
		821.50	22.07	V	2.99	-1.04	18.04	0.064	50.00	-31.96	1 / 1
		824.00	21.99	V	3.00	-1.03	17.96	0.063	38.50	-20.54	1 / 1
		826.50	21.39	V	3.00	-1.02	17.37	0.055	38.50	-21.13	1 / 1
20	QPSK	836.50	21.18	V	3.02	-0.97	17.19	0.052	38.50	-21.31	1 / 1
		846.50	22.73	V	3.04	-0.92	18.77	0.075	38.50	-19.73	1 / 1
	16-QAM	816.50	20.97	V	2.98	-1.07	16.92	0.049	50.00	-33.08	1 / 1
		821.50	21.11	V	2.99	-1.04	17.08	0.051	50.00	-32.92	1 / 1
		824.00	20.85	V	3.00	-1.03	16.82	0.048	38.50	-21.68	1 / 1
		826.50	20.46	V	3.00	-1.02	16.44	0.044	38.50	-22.06	1 / 1
	QPSK	836.50	20.06	V	3.02	-0.97	16.07	0.040	38.50	-22.43	1 / 1
		846.50	21.85	V	3.04	-0.92	17.89	0.062	38.50	-20.61	1 / 1
20	QPSK	824.00	20.41	V	3.00	-1.03	16.38	0.043	38.50	-22.12	100/0
		834.00	20.28	V	3.02	-0.98	16.28	0.042	38.50	-22.22	100/0
		836.50	20.18	V	3.02	-0.97	16.19	0.042	38.50	-22.31	100/0
		839.00	21.74	V	3.03	-0.96	17.76	0.060	38.50	-20.74	100/0
	16-QAM	824.00	19.44	V	3.00	-1.03	15.41	0.035	38.50	-23.09	100/0
		834.00	19.43	V	3.02	-0.98	15.43	0.035	38.50	-23.07	100/0
		836.50	19.09	V	3.02	-0.97	15.10	0.032	38.50	-23.40	100/0
		839.00	20.84	V	3.03	-0.96	16.86	0.049	38.50	-21.64	100/0

NR Band n26 DFT-s OFDM (ANT D)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	824.00	23.40	H	3.00	-1.03	19.37	0.086	38.50	-19.13	1 / 1
		834.00	24.38	V	3.02	-0.98	20.38	0.109	38.50	-18.12	1 / 104
		836.50	24.29	V	3.02	-0.97	20.30	0.107	38.50	-18.20	1 / 1
		839.00	24.08	V	3.03	-0.96	20.10	0.102	38.50	-18.40	1 / 104
	16-QAM	824.00	22.03	H	3.00	-1.03	18.00	0.063	38.50	-20.50	1 / 1
		834.00	22.99	V	3.02	-0.98	18.99	0.079	38.50	-19.51	1 / 1
		836.50	23.14	V	3.02	-0.97	19.15	0.082	38.50	-19.35	1 / 1
		839.00	23.31	V	3.03	-0.96	19.33	0.086	38.50	-19.17	1 / 104
15	QPSK	821.50	23.30	H	2.99	-1.04	19.27	0.085	50.00	-30.73	1 / 77
		824.00	23.27	H	3.00	-1.03	19.24	0.084	38.50	-19.26	1 / 77
		831.50	24.42	V	3.01	-0.99	20.42	0.110	38.50	-18.08	1 / 1
		836.50	24.33	V	3.02	-0.97	20.34	0.108	38.50	-18.16	1 / 77
	16-QAM	841.50	24.09	V	3.03	-0.94	20.12	0.103	38.50	-18.38	1 / 77
		821.50	21.95	H	2.99	-1.04	17.92	0.062	50.00	-32.08	1 / 77
		824.00	21.86	H	3.00	-1.03	17.83	0.061	38.50	-20.67	1 / 1
		831.50	22.79	V	3.01	-0.99	18.79	0.076	38.50	-19.71	1 / 1
10	QPSK	836.50	23.03	V	3.02	-0.97	19.04	0.080	38.50	-19.46	1 / 1
		841.50	23.19	V	3.03	-0.94	19.22	0.084	38.50	-19.28	1 / 77
	16-QAM	819.00	23.28	H	2.99	-1.06	19.23	0.084	50.00	-30.77	1 / 25
		824.00	23.27	H	3.00	-1.03	19.24	0.084	38.50	-19.26	1 / 51
		829.00	24.54	V	3.01	-1.01	20.52	0.113	38.50	-17.98	1 / 1
		836.50	24.35	V	3.02	-0.97	20.36	0.109	38.50	-18.14	1 / 1
	16-QAM	844.00	24.13	V	3.03	-0.93	20.17	0.104	38.50	-18.33	1 / 50
		819.00	21.91	H	2.99	-1.06	17.86	0.061	50.00	-32.14	1 / 50
5	QPSK	824.00	22.11	H	3.00	-1.03	18.08	0.064	38.50	-20.42	1 / 50
		829.00	22.92	V	3.01	-1.01	18.90	0.078	38.50	-19.60	1 / 1
		836.50	23.05	V	3.02	-0.97	19.06	0.081	38.50	-19.44	1 / 1
		844.00	23.33	V	3.03	-0.93	19.37	0.086	38.50	-19.13	1 / 1
	16-QAM	816.50	23.28	H	2.98	-1.07	18.19	0.066	50.00	-31.81	1 / 1
		821.50	22.21	H	2.99	-1.04	18.18	0.066	50.00	-31.82	1 / 1
		824.00	21.93	H	3.00	-1.03	17.90	0.062	38.50	-20.60	1 / 1
		826.50	23.19	V	3.00	-1.02	19.17	0.083	38.50	-19.33	1 / 1
20	QPSK	836.50	23.30	V	3.02	-0.97	19.31	0.085	38.50	-19.19	1 / 1
		846.50	23.52	V	3.04	-0.92	19.56	0.090	38.50	-18.94	1 / 1
	16-QAM	816.50	22.24	H	2.98	-1.07	18.19	0.066	50.00	-31.81	1 / 1
		821.50	22.21	H	2.99	-1.04	18.18	0.066	50.00	-31.82	1 / 1
		824.00	21.93	H	3.00	-1.03	17.90	0.062	38.50	-20.60	1 / 1
		826.50	23.19	V	3.00	-1.02	19.17	0.083	38.50	-19.33	1 / 1
	QPSK	836.50	23.30	V	3.02	-0.97	19.31	0.085	38.50	-19.19	1 / 1
		846.50	23.52	V	3.04	-0.92	19.56	0.090	38.50	-18.94	1 / 1
20	QPSK	816.50	22.24	H	2.98	-1.07	18.19	0.066	50.00	-31.81	1 / 1
		821.50	22.21	H	2.99	-1.04	18.18	0.066	50.00	-31.82	1 / 1
		824.00	21.93	H	3.00	-1.03	17.90	0.062	38.50	-20.60	1 / 1
		826.50	23.19	V	3.00	-1.02	19.17	0.083	38.50	-19.33	1 / 1
	16-QAM	836.50	23.30	V	3.02	-0.97	19.31	0.085	38.50	-19.19	1 / 1
		846.50	23.52	V	3.04	-0.92	19.56	0.090	38.50	-18.94	1 / 1
	QPSK	816.50	22.24	H	2.98	-1.07	18.19	0.066	50.00	-31.81	1 / 1
		821.50	22.21	H	2.99	-1.04	18.18	0.066	50.00	-31.82	1 / 1

NR Band n26 DFT-s OFDM (ANT A+B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	824.00	25.73	V	3.00	-1.03	21.70	0.148	38.50	-16.80	1 / 1
		834.00	25.13	V	3.02	-0.98	21.13	0.130	38.50	-17.37	1 / 1
		836.50	24.74	H	3.02	-0.97	20.75	0.119	38.50	-17.75	1 / 1
		839.00	25.52	V	3.03	-0.96	21.54	0.143	38.50	-16.96	1 / 1
	16-QAM	824.00	24.73	V	3.00	-1.03	20.70	0.117	38.50	-17.80	1 / 1
		834.00	23.88	V	3.02	-0.98	19.88	0.097	38.50	-18.62	1 / 1
		836.50	23.61	H	3.02	-0.97	19.62	0.092	38.50	-18.88	1 / 1
		839.00	24.73	V	3.03	-0.96	20.75	0.119	38.50	-17.75	1 / 1
15	QPSK	821.50	26.24	V	2.99	-1.04	22.21	0.166	50.00	-27.79	1 / 1
		824.00	26.14	V	3.00	-1.03	22.11	0.163	38.50	-16.39	1 / 1
		831.50	25.16	V	3.01	-0.99	21.16	0.131	38.50	-17.34	1 / 1
		836.50	24.73	H	3.02	-0.97	20.74	0.119	38.50	-17.76	1 / 1
		841.50	25.48	V	3.03	-0.94	21.51	0.142	38.50	-16.99	1 / 77
		821.50	25.56	V	2.99	-1.04	21.53	0.142	50.00	-28.47	1 / 77
	16-QAM	824.00	25.25	V	3.00	-1.03	21.22	0.132	38.50	-17.28	1 / 1
		831.50	23.88	V	3.01	-0.99	19.88	0.097	38.50	-18.62	1 / 1
		836.50	23.54	H	3.02	-0.97	19.55	0.090	38.50	-18.95	1 / 1
		841.50	24.73	V	3.03	-0.94	20.76	0.119	38.50	-17.74	1 / 77
	QPSK	819.00	26.25	V	2.99	-1.06	22.20	0.166	50.00	-27.80	1 / 49
		824.00	26.31	V	3.00	-1.03	22.28	0.169	38.50	-16.22	1 / 1
		829.00	25.24	V	3.01	-1.01	21.22	0.132	38.50	-17.28	1 / 1
		836.50	24.79	H	3.02	-0.97	20.80	0.120	38.50	-17.70	1 / 49
		844.00	25.55	V	3.03	-0.93	21.59	0.144	38.50	-16.91	1 / 1
		819.00	25.54	V	2.99	-1.06	21.49	0.141	50.00	-28.51	1 / 1
10	QPSK	824.00	25.39	V	3.00	-1.03	21.36	0.137	38.50	-17.14	1 / 49
		829.00	24.07	V	3.01	-1.01	20.05	0.101	38.50	-18.45	1 / 1
		836.50	23.74	H	3.02	-0.97	19.75	0.094	38.50	-18.75	1 / 1
		844.00	24.94	V	3.03	-0.93	20.98	0.125	38.50	-17.52	1 / 49
	16-QAM	816.50	26.38	V	2.98	-1.07	22.33	0.171	50.00	-27.67	1 / 12
		821.50	26.31	V	2.99	-1.04	22.28	0.169	50.00	-27.72	1 / 1
		824.00	26.23	V	3.00	-1.03	22.20	0.166	38.50	-16.30	1 / 1
		826.50	25.28	V	3.00	-1.02	21.26	0.134	38.50	-17.24	1 / 1
		836.50	24.78	H	3.02	-0.97	20.79	0.120	38.50	-17.71	1 / 1
		846.50	25.64	V	3.04	-0.92	21.68	0.147	38.50	-16.82	1 / 1
5	QPSK	816.50	25.41	V	2.98	-1.07	21.36	0.137	50.00	-28.64	1 / 1
		821.50	25.55	V	2.99	-1.04	21.52	0.142	50.00	-28.48	1 / 1
		824.00	25.29	V	3.00	-1.03	21.26	0.134	38.50	-17.24	1 / 1
		826.50	24.08	V	3.00	-1.02	20.06	0.101	38.50	-18.44	1 / 1
		836.50	23.73	H	3.02	-0.97	19.74	0.094	38.50	-18.76	1 / 1
		846.50	24.99	V	3.04	-0.92	21.03	0.127	38.50	-17.47	1 / 1
20	QPSK	824.00	24.65	V	3.00	-1.03	20.62	0.115	38.50	-17.88	100/0
		834.00	24.17	V	3.02	-0.98	20.17	0.104	38.50	-18.33	100/0
		836.50	23.78	H	3.02	-0.97	19.79	0.095	38.50	-18.71	100/0
		839.00	24.65	V	3.03	-0.96	20.67	0.117	38.50	-17.83	100/0
	16-QAM	824.00	23.88	V	3.00	-1.03	19.85	0.097	38.50	-18.65	100/0
		834.00	23.05	V	3.02	-0.98	19.05	0.080	38.50	-19.45	100/0
		836.50	22.76	H	3.02	-0.97	18.77	0.075	38.50	-19.73	100/0
		839.00	23.98	V	3.03	-0.96	20.00	0.100	38.50	-18.50	100/0

9.2. RADIATED SPURIOUS EMISSION

RULE PART(S)

FCC: §2.1053, §22.917, §90.543 and §90.691

LIMIT

§22.917(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

§90.543(c)

On any frequency outside of the frequency ranges covered by the ACP tables in this section, the power of any emission must be reduced below the mean output power (P) by at least $43 + 10 \log(P)$ dB measured in a 100 kHz bandwidth for frequencies less than 1 GHz, and in a 1 MHz bandwidth for frequencies greater than 1 GHz

§90.543(f)

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

§90.691(a):

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz. (NOTE : Use 100kHz reference bandwidth)

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

TEST PROCEDURE

ANSI / TIA / EIA 603 E Clause 2.2.12; ESU40 setting reference to 971168 D01 v03r01

For peak power measurement with a ESU40:

- a) Set the RBW = 100 kHz for emission below 1 GHz and 1 MHz for emissions above 1 GHz.
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points $\geq 2 \times$ span/RBW;
- g) Trace mode = average(WCDMA, LTE, 5G NR), Maxhold(GSM);

NOTE1

GSM : It was tested at GPRS as worst case (the highest output power and density).

UMTS: It was tested at REL 99 as worst case (the highest output power and density).

LTE: It was tested at 1RB QPSK as worst case (the highest output power and density).

5G NR: All Waveforms (CP-OFDM vs DFT-s_OFDM) and modulations ($\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM) 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.

NOTE2

For LTE B14 / NR n14 Bands, No emission exhibiting discrete or narrowband characteristics was observed during the evaluation.

NOTE3

Please refer to section 5.4 for bandwidth and RB setting about LTE, 5G NR bands.

RESULTS

See the following pages.

9.2.1. SPURIOUS RADIATION RESULT

GSM850

GPRS ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
	Company: Samsung										
	Project #: 4792147575										
	Date: 2026-03-20										
	Test Engineer: 28775										
	Configuration: EUT / Y-Position, FF										
	Location: Chamber 2										
	Mode: GPRS 850 MHz Harmonics										
	Test Votage: AC 120 V, 60 Hz										
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Ch, 824.2MHz										
	1648.40	-69.5	H	3.0	-6.4	11.74	-64.2	-13.0	-51.2		
	2472.60	-69.0	H	3.0	-1.8	11.74	-59.0	-13.0	-46.0		
	3296.80	-73.4	H	3.0	-0.2	11.74	-61.9	-13.0	-48.9	NF	
	4121.00	-74.0	H	3.0	1.7	11.74	-60.5	-13.0	-47.5	NF	
	Mid Ch, 836.6MHz										
	1673.20	-68.6	V	3.0	-6.3	11.74	-63.2	-13.0	-50.2		
	2509.80	-67.7	V	3.0	-1.6	11.74	-57.6	-13.0	-44.6		
	3346.40	-73.6	V	3.0	0.1	11.74	-61.8	-13.0	-48.8	NF	
4183.00	-73.9	V	3.0	1.7	11.74	-60.4	-13.0	-47.4	NF		
1673.20	-70.1	H	3.0	-6.3	11.74	-64.7	-13.0	-51.7			
2509.80	-67.3	H	3.0	-1.6	11.74	-57.2	-13.0	-44.2			
3346.40	-73.8	H	3.0	0.1	11.74	-62.0	-13.0	-49.0	NF		
4183.00	-73.9	H	3.0	1.7	11.74	-60.4	-13.0	-47.4	NF		
High Ch, 848.8MHz											
1697.60	-70.8	H	3.0	-6.2	11.74	-65.2	-13.0	-52.2			
2546.40	-71.2	H	3.0	-1.5	11.74	-61.0	-13.0	-48.0			
3395.20	-73.9	H	3.0	0.4	11.74	-61.8	-13.0	-48.8	NF		
4244.00	-74.4	H	3.0	1.7	11.74	-61.0	-13.0	-48.0	NF		
NF : Noise Floor											
GPRS ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
	Company: Samsung										
	Project #: 4792147575										
	Date: 2026-03-19										
	Test Engineer: 33535										
	Configuration: EUT / X-Position, Open										
	Location: Chamber 1										
	Mode: GPRS 850 MHz Harmonics										
	Test Votage: AC 120 V, 60 Hz										
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Ch, 824.2MHz										
	1648.40	-59.6	H	3.0	-7.3	11.74	-55.1	-13.0	-42.1		
	2472.60	-58.7	H	3.0	-2.6	11.74	-49.6	-13.0	-36.6		
	3296.80	-73.5	H	3.0	-1.1	11.74	-62.8	-13.0	-49.8	NF	
	4121.00	-72.9	H	3.0	0.6	11.74	-60.6	-13.0	-47.6	NF	
	Mid Ch, 836.6MHz										
	1673.20	-59.0	V	3.0	-7.1	11.74	-54.4	-13.0	-41.4		
	2509.80	-55.7	V	3.0	-2.5	11.74	-46.5	-13.0	-33.5		
	3346.40	-73.8	V	3.0	-0.9	11.74	-62.9	-13.0	-49.9	NF	
4183.00	-72.5	V	3.0	0.5	11.74	-60.2	-13.0	-47.2	NF		
1673.20	-58.2	H	3.0	-7.1	11.74	-53.6	-13.0	-40.6			
2509.80	-53.8	H	3.0	-2.5	11.74	-44.6	-13.0	-31.6			
3346.40	-73.5	H	3.0	-0.9	11.74	-62.6	-13.0	-49.6	NF		
4183.00	-72.5	H	3.0	0.5	11.74	-60.2	-13.0	-47.2	NF		
High Ch, 848.8MHz											
1697.60	-58.9	H	3.0	-7.0	11.74	-54.1	-13.0	-41.1			
2546.40	-56.9	H	3.0	-2.4	11.74	-47.6	-13.0	-34.6			
3395.20	-73.7	H	3.0	-0.7	11.74	-62.6	-13.0	-49.6	NF		
4244.00	-72.7	H	3.0	0.7	11.74	-60.2	-13.0	-47.2	NF		
NF : Noise Floor											

WCDMA Band 5

REL99 ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-23 Test Engineer: 27089 Configuration: EUT / AC Adapter, X-Position, FF Location: Chamber 2 Mode: Rel99 Band 5 Harmonics Test Votage: AC 120 V, 60 Hz										
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Ch, 826.4MHz										
	1652.80	-73.4	V	3.0	-6.4	11.74	-68.0	-13.0	-55.0		
	2479.20	-75.5	V	3.0	-1.7	11.74	-65.4	-13.0	-52.4	NF	
	3305.60	-76.6	V	3.0	-0.2	11.74	-65.0	-13.0	-52.0	NF	
	1652.80	-72.5	H	3.0	-6.4	11.74	-67.2	-13.0	-54.2		
	2479.20	-75.4	H	3.0	-1.7	11.74	-65.4	-13.0	-52.4	NF	
	3305.60	-76.1	H	3.0	-0.2	11.74	-64.5	-13.0	-51.5	NF	
	Mid Ch, 836.6MHz										
	1673.20	-74.3	H	3.0	-6.3	11.74	-68.8	-13.0	-55.8	NF	
	2509.80	-75.4	H	3.0	-1.6	11.74	-65.3	-13.0	-52.3	NF	
	3346.40	-76.4	H	3.0	0.1	11.74	-64.6	-13.0	-51.6	NF	
	High Ch, 846.6MHz										
	1693.20	-74.1	H	3.0	-6.2	11.74	-68.6	-13.0	-55.6		
	2539.80	-75.3	H	3.0	-1.6	11.74	-65.1	-13.0	-52.1	NF	
	3386.40	-76.8	H	3.0	0.3	11.74	-64.7	-13.0	-51.7	NF	
	NF : Noise Floor										
REL99 ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-23 Test Engineer: 33535 Configuration: EUT / AC Adapter, X-Position, HF Location: Chamber 1 Mode: Rel99 Band 5 Harmonics Test Votage: AC 120 V, 60 Hz										
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Ch, 826.4MHz										
	1652.80	-73.1	H	3.0	-7.2	11.74	-68.6	-13.0	-55.6		
	2479.20	-74.6	H	3.0	-2.6	11.74	-65.5	-13.0	-52.5	NF	
	3305.60	-75.1	H	3.0	-1.0	11.74	-64.4	-13.0	-51.4	NF	
	Mid Ch, 836.6MHz										
	1673.20	-73.6	V	3.0	-7.1	11.74	-69.0	-13.0	-56.0		
	2509.80	-74.9	V	3.0	-2.5	11.74	-65.6	-13.0	-52.6	NF	
	3346.40	-75.4	V	3.0	-0.9	11.74	-64.6	-13.0	-51.6	NF	
	1673.20	-73.2	H	3.0	-7.1	11.74	-68.5	-13.0	-55.5		
	2509.80	-74.9	H	3.0	-2.5	11.74	-65.6	-13.0	-52.6	NF	
	3346.40	-75.5	H	3.0	-0.9	11.74	-64.6	-13.0	-51.6	NF	
	High Ch, 846.6MHz										
	1693.20	-73.5	H	3.0	-7.0	11.74	-68.7	-13.0	-55.7	NF	
	2539.80	-74.5	H	3.0	-2.5	11.74	-65.2	-13.0	-52.2	NF	
	3386.40	-75.3	H	3.0	-0.7	11.74	-64.3	-13.0	-51.3	NF	
	NF : Noise Floor										

REL99 ANT A+B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-04-07 Test Engineer: 33535 Configuration: EUT / AC Adapter, Y-Position, Open Location: Chamber 1 Mode: Rel99 Band 5 Harmonics Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 826.4MHz									
	1652.80	-72.2	V	3.0	-7.2	11.74	-67.7	-13.0	-54.7	
	2479.20	-74.9	V	3.0	-2.6	11.74	-65.7	-13.0	-52.7	NF
	3305.60	-75.4	V	3.0	-1.0	11.74	-64.7	-13.0	-51.7	NF
	1652.80	-73.8	H	3.0	-7.2	11.74	-69.3	-13.0	-56.3	
	2479.20	-74.8	H	3.0	-2.6	11.74	-65.7	-13.0	-52.7	NF
	3305.60	-75.4	H	3.0	-1.0	11.74	-64.7	-13.0	-51.7	NF
	Mid Ch, 836.6MHz									
	1673.20	-73.5	V	3.0	-7.1	11.74	-68.9	-13.0	-55.9	
	2509.80	-75.0	V	3.0	-2.5	11.74	-65.8	-13.0	-52.8	NF
	3346.40	-75.7	V	3.0	-0.9	11.74	-64.8	-13.0	-51.8	NF
	High Ch, 846.6MHz									
	1693.20	-73.6	V	3.0	-7.0	11.74	-68.9	-13.0	-55.9	
	2539.80	-74.8	V	3.0	-2.5	11.74	-65.5	-13.0	-52.5	NF
	3386.40	-75.5	V	3.0	-0.7	11.74	-64.5	-13.0	-51.5	NF
	NF : Noise Floor									

LTE Band 14

5 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4792147575									
	Date: 2026-04-20									
	Test Engineer: 28775									
	Configuration: EUT / Y-Position, FF									
	Location: Chamber 2									
	Mode: LTE_QPSK Band 14 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 790.5MHz									
	1581.00	-74.1	V	3.0	-6.7	11.74	-69.0	-40.0	-29.0	
	2371.50	-74.8	V	3.0	-2.1	11.74	-65.2	-13.0	-52.2	
	3162.00	-76.6	V	3.0	0.0	11.74	-64.9	-13.0	-51.9	NF
	3952.50	-77.3	V	3.0	1.3	11.74	-64.2	-13.0	-51.2	NF
	Mid Ch, 793MHz									
	1586.00	-73.8	V	3.0	-6.7	11.74	-68.8	-40.0	-28.8	
	2379.00	-74.7	V	3.0	-2.1	11.74	-65.0	-13.0	-52.0	
	3172.00	-76.6	V	3.0	0.0	11.74	-64.8	-13.0	-51.8	NF
3965.00	-77.2	V	3.0	1.4	11.74	-64.1	-13.0	-51.1	NF	
High Ch, 795.5MHz										
1591.00	-73.6	V	3.0	-6.7	11.74	-68.5	-40.0	-28.5		
2386.50	-75.2	V	3.0	-2.1	11.74	-65.5	-13.0	-52.5		
3182.00	-76.7	V	3.0	0.1	11.74	-64.9	-13.0	-51.9	NF	
3977.50	-77.3	V	3.0	1.4	11.74	-64.2	-13.0	-51.2	NF	
1591.00	-73.6	H	3.0	-6.7	11.74	-68.5	-40.0	-28.5		
2386.50	-75.3	H	3.0	-2.1	11.74	-65.6	-13.0	-52.6		
3182.00	-76.8	H	3.0	0.1	11.74	-65.0	-13.0	-52.0	NF	
3977.50	-77.3	H	3.0	1.4	11.74	-64.2	-13.0	-51.2	NF	
NF : Noise Floor										
5 MHz QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4792147575									
	Date: 2026-03-24									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position, Open									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 14 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 790.5MHz									
	1581.00	-73.8	V	3.0	-7.6	11.74	-69.6	-40.0	-29.6	
	2371.50	-73.5	V	3.0	-2.9	11.74	-64.7	-13.0	-51.7	
	3162.00	-75.4	V	3.0	-1.0	11.74	-64.7	-13.0	-51.7	NF
	3952.50	-75.7	V	3.0	0.2	11.74	-63.8	-13.0	-50.8	NF
	1581.00	-73.0	H	3.0	-7.6	11.74	-68.8	-40.0	-28.8	
	2371.50	-73.5	H	3.0	-2.9	11.74	-64.7	-13.0	-51.7	
	3162.00	-75.4	H	3.0	-1.0	11.74	-64.6	-13.0	-51.6	NF
	3952.50	-75.8	H	3.0	0.2	11.74	-63.9	-13.0	-50.9	NF
Mid Ch, 793MHz										
1586.00	-73.1	H	3.0	-7.6	11.74	-68.9	-40.0	-28.9		
2379.00	-73.4	H	3.0	-2.9	11.74	-64.5	-13.0	-51.5		
3172.00	-75.4	H	3.0	-1.0	11.74	-64.7	-13.0	-51.7	NF	
3965.00	-75.7	H	3.0	0.2	11.74	-63.8	-13.0	-50.8	NF	
High Ch, 795.5MHz										
1591.00	-73.0	H	3.0	-7.6	11.74	-68.9	-40.0	-28.9		
2386.50	-73.2	H	3.0	-2.9	11.74	-64.3	-13.0	-51.3		
3182.00	-75.4	H	3.0	-1.0	11.74	-64.6	-13.0	-51.6	NF	
3977.50	-75.9	H	3.0	0.2	11.74	-63.9	-13.0	-50.9	NF	
NF : Noise Floor										

10 MHz QPSK ANT A+B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-20 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position, Open Location: Chamber 1 Mode: LTE_QPSK Band 14 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Mid Ch, 793MHz									
	1586.00	-73.0	V	3.0	-7.6	11.74	-68.9	-40.0	-28.9	
	2379.00	-71.0	V	3.0	-2.9	11.74	-62.1	-13.0	-49.1	
	3172.00	-74.5	V	3.0	-1.0	11.74	-63.8	-13.0	-50.8	NF
	3965.00	-74.0	V	3.0	0.2	11.74	-62.0	-13.0	-49.0	NF
	4758.00	-73.7	V	3.0	1.7	11.74	-60.2	-13.0	-47.2	NF
	1586.00	-73.0	H	3.0	-7.6	11.74	-68.8	-40.0	-28.8	
	2379.00	-68.2	H	3.0	-2.9	11.74	-59.4	-13.0	-46.4	
	3172.00	-74.6	H	3.0	-1.0	11.74	-63.9	-13.0	-50.9	NF
	3965.00	-74.0	H	3.0	0.2	11.74	-62.0	-13.0	-49.0	
	4758.00	-73.6	H	3.0	1.7	11.74	-60.1	-13.0	-47.1	NF
NF : Noise Floor										

LTE Band 26 (Part 90)

3 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-23 Test Engineer: 28775 Configuration: EUT / Y-Position, FF Location: Chamber 2 Mode: LTE_QPSK Band 26(Part90) Harmonics, 3MHz Bandwidth Test Votage: AC 120 V, 60 Hz <table><thead><tr><th>f MHz</th><th>SA reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>AFCL (dB/m)</th><th>Conversion Factor(dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr></thead><tbody><tr><td colspan="10">Low Ch, 815.5MHz</td></tr><tr><td>1631.00</td><td>-71.4</td><td>V</td><td>3.0</td><td>-6.5</td><td>11.74</td><td>-66.2</td><td>-13.0</td><td>-53.2</td><td></td></tr><tr><td>2446.50</td><td>-75.6</td><td>V</td><td>3.0</td><td>-1.8</td><td>11.74</td><td>-65.7</td><td>-13.0</td><td>-52.7</td><td>NF</td></tr><tr><td>3262.00</td><td>-76.6</td><td>V</td><td>3.0</td><td>-0.1</td><td>11.74</td><td>-64.9</td><td>-13.0</td><td>-51.9</td><td>NF</td></tr><tr><td>1631.00</td><td>-71.5</td><td>H</td><td>3.0</td><td>-6.5</td><td>11.74</td><td>-66.3</td><td>-13.0</td><td>-53.3</td><td></td></tr><tr><td>2446.50</td><td>-75.6</td><td>H</td><td>3.0</td><td>-1.8</td><td>11.74</td><td>-65.7</td><td>-13.0</td><td>-52.7</td><td>NF</td></tr><tr><td>3262.00</td><td>-76.7</td><td>H</td><td>3.0</td><td>-0.1</td><td>11.74</td><td>-65.0</td><td>-13.0</td><td>-52.0</td><td>NF</td></tr><tr><td colspan="10">High Ch, 822.5MHz</td></tr><tr><td>1645.00</td><td>-73.4</td><td>V</td><td>3.0</td><td>-6.5</td><td>11.74</td><td>-68.1</td><td>-13.0</td><td>-55.1</td><td></td></tr><tr><td>2467.50</td><td>-75.6</td><td>V</td><td>3.0</td><td>-1.8</td><td>11.74</td><td>-65.7</td><td>-13.0</td><td>-52.7</td><td>NF</td></tr><tr><td>3290.00</td><td>-76.6</td><td>V</td><td>3.0</td><td>-0.2</td><td>11.74</td><td>-65.0</td><td>-13.0</td><td>-52.0</td><td>NF</td></tr><tr><td colspan="10">NF : Noise Floor</td></tr></tbody></table>										f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Low Ch, 815.5MHz										1631.00	-71.4	V	3.0	-6.5	11.74	-66.2	-13.0	-53.2		2446.50	-75.6	V	3.0	-1.8	11.74	-65.7	-13.0	-52.7	NF	3262.00	-76.6	V	3.0	-0.1	11.74	-64.9	-13.0	-51.9	NF	1631.00	-71.5	H	3.0	-6.5	11.74	-66.3	-13.0	-53.3		2446.50	-75.6	H	3.0	-1.8	11.74	-65.7	-13.0	-52.7	NF	3262.00	-76.7	H	3.0	-0.1	11.74	-65.0	-13.0	-52.0	NF	High Ch, 822.5MHz										1645.00	-73.4	V	3.0	-6.5	11.74	-68.1	-13.0	-55.1		2467.50	-75.6	V	3.0	-1.8	11.74	-65.7	-13.0	-52.7	NF	3290.00	-76.6	V	3.0	-0.2	11.74	-65.0	-13.0	-52.0	NF	NF : Noise Floor																																							
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5 MHz QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-24 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position, Open Location: Chamber 1 Mode: LTE_QPSK Band 26(Part90) Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz <table><thead><tr><th>f MHz</th><th>SA reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>AFCL (dB/m)</th><th>Conversion Factor(dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr></thead><tbody><tr><td colspan="10">Low Ch, 816.5MHz</td></tr><tr><td>1648.00</td><td>-70.9</td><td>H</td><td>3.0</td><td>-7.3</td><td>11.74</td><td>-66.4</td><td>-13.0</td><td>-53.4</td><td></td></tr><tr><td>2472.00</td><td>-73.9</td><td>H</td><td>3.0</td><td>-2.6</td><td>11.74</td><td>-64.8</td><td>-13.0</td><td>-51.8</td><td></td></tr><tr><td>3296.00</td><td>-74.8</td><td>H</td><td>3.0</td><td>-1.1</td><td>11.74</td><td>-64.1</td><td>-13.0</td><td>-51.1</td><td>NF</td></tr><tr><td>4120.00</td><td>-74.0</td><td>H</td><td>3.0</td><td>0.6</td><td>11.74</td><td>-61.7</td><td>-13.0</td><td>-48.7</td><td>NF</td></tr><tr><td colspan="10">High Ch, 821.5MHz</td></tr><tr><td>1643.00</td><td>-71.6</td><td>V</td><td>3.0</td><td>-7.3</td><td>11.74</td><td>-67.2</td><td>-13.0</td><td>-54.2</td><td></td></tr><tr><td>2464.50</td><td>-73.6</td><td>V</td><td>3.0</td><td>-2.6</td><td>11.74</td><td>-64.5</td><td>-13.0</td><td>-51.5</td><td></td></tr><tr><td>3286.00</td><td>-74.8</td><td>V</td><td>3.0</td><td>-1.0</td><td>11.74</td><td>-64.1</td><td>-13.0</td><td>-51.1</td><td>NF</td></tr><tr><td>4107.50</td><td>-74.0</td><td>V</td><td>3.0</td><td>0.6</td><td>11.74</td><td>-61.7</td><td>-13.0</td><td>-48.7</td><td>NF</td></tr><tr><td>1643.00</td><td>-70.5</td><td>H</td><td>3.0</td><td>-7.3</td><td>11.74</td><td>-66.1</td><td>-13.0</td><td>-53.1</td><td></td></tr><tr><td>2464.50</td><td>-73.4</td><td>H</td><td>3.0</td><td>-2.6</td><td>11.74</td><td>-64.3</td><td>-13.0</td><td>-51.3</td><td></td></tr><tr><td>3286.00</td><td>-74.8</td><td>H</td><td>3.0</td><td>-1.0</td><td>11.74</td><td>-64.1</td><td>-13.0</td><td>-51.1</td><td>NF</td></tr><tr><td>4107.50</td><td>-74.0</td><td>H</td><td>3.0</td><td>0.6</td><td>11.74</td><td>-61.7</td><td>-13.0</td><td>-48.7</td><td>NF</td></tr><tr><td colspan="10">NF : Noise Floor</td></tr></tbody></table>										f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Low Ch, 816.5MHz										1648.00	-70.9	H	3.0	-7.3	11.74	-66.4	-13.0	-53.4		2472.00	-73.9	H	3.0	-2.6	11.74	-64.8	-13.0	-51.8		3296.00	-74.8	H	3.0	-1.1	11.74	-64.1	-13.0	-51.1	NF	4120.00	-74.0	H	3.0	0.6	11.74	-61.7	-13.0	-48.7	NF	High Ch, 821.5MHz										1643.00	-71.6	V	3.0	-7.3	11.74	-67.2	-13.0	-54.2		2464.50	-73.6	V	3.0	-2.6	11.74	-64.5	-13.0	-51.5		3286.00	-74.8	V	3.0	-1.0	11.74	-64.1	-13.0	-51.1	NF	4107.50	-74.0	V	3.0	0.6	11.74	-61.7	-13.0	-48.7	NF	1643.00	-70.5	H	3.0	-7.3	11.74	-66.1	-13.0	-53.1		2464.50	-73.4	H	3.0	-2.6	11.74	-64.3	-13.0	-51.3		3286.00	-74.8	H	3.0	-1.0	11.74	-64.1	-13.0	-51.1	NF	4107.50	-74.0	H	3.0	0.6	11.74	-61.7	-13.0	-48.7	NF	NF : Noise Floor									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes																																																																																																																																																																
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NF : Noise Floor																																																																																																																																																																										

3 MHz QPSK ANT A+B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4792147575 Date: 2026-04-20 Test Engineer: 33535 Configuration: EUT / AC Adapter, X-Position, FF Location: Chamber 1 Mode: LTE_QPSK Band 26(Part90) Harmonics, 3MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 815.5MHz									
	1631.00	-72.3	H	3.0	-7.4	11.74	-67.9	-13.0	-54.9	
	2446.50	-68.3	H	3.0	-2.7	11.74	-59.2	-13.0	-46.2	
	3262.00	-75.7	H	3.0	-1.0	11.74	-65.0	-13.0	-52.0	NF
	4077.50	-75.8	H	3.0	0.5	11.74	-63.5	-13.0	-50.5	NF
	High Ch, 822.5MHz									
	1645.00	-71.5	V	3.0	-7.3	11.74	-67.0	-13.0	-54.0	
	2467.50	-60.7	V	3.0	-2.6	11.74	-51.5	-13.0	-38.5	
	3290.00	-75.7	V	3.0	-1.1	11.74	-65.0	-13.0	-52.0	NF
	4112.50	-75.8	V	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
	1645.00	-73.3	H	3.0	-7.3	11.74	-68.8	-13.0	-55.8	
	2467.50	-59.4	H	3.0	-2.6	11.74	-50.3	-13.0	-37.3	
	3290.00	-75.7	H	3.0	-1.1	11.74	-65.0	-13.0	-52.0	NF
	4112.50	-75.8	H	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
	NF : Noise Floor									

LTE Band 26 (Straddle)

10 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-23 Test Engineer: 28775 Configuration: EUT / Y-Position, FF Location: Chamber 2 Mode: LTE_QPSK Band 26 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 824MHz									
	1648.00	-73.5	V	3.0	-6.4	11.74	-68.2	-13.0	-55.2	
	2472.00	-75.7	V	3.0	-1.8	11.74	-65.7	-13.0	-52.7	NF
	3296.00	-76.7	V	3.0	-0.2	11.74	-65.1	-13.0	-52.1	NF
	1648.00	-73.6	H	3.0	-6.4	11.74	-68.3	-13.0	-55.3	
	2472.00	-75.7	H	3.0	-1.8	11.74	-65.7	-13.0	-52.7	NF
	3296.00	-76.6	H	3.0	-0.2	11.74	-65.0	-13.0	-52.0	NF
	NF : Noise Floor									
10 MHz QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-24 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position, Open Location: Chamber 1 Mode: LTE_QPSK Band 26 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Straddle Ch, 824MHz									
	1648.00	-72.0	V	3.0	-7.3	11.74	-67.6	-13.0	-54.6	
	2472.00	-73.9	V	3.0	-2.6	11.74	-64.8	-13.0	-51.8	
	3296.00	-74.8	V	3.0	-1.1	11.74	-64.1	-13.0	-51.1	NF
	4120.00	-74.1	V	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	1648.00	-70.2	H	3.0	-7.3	11.74	-65.8	-13.0	-52.8	
	2472.00	-73.0	H	3.0	-2.6	11.74	-63.9	-13.0	-50.9	
	3296.00	-74.7	H	3.0	-1.1	11.74	-64.0	-13.0	-51.0	NF
	4120.00	-74.1	H	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	NF : Noise Floor									

10 MHz

QPSK

ANT A+B

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
Company:	Samsung								
Project #:	4792147575								
Date:	2026-04-20								
Test Engineer:	33535								
Configuration:	EUT / AC Adapter, X-Position, FF								
Location:	Chamber 1								
Mode:	LTE_QPSK Band 26 Harmonics, 10MHz Bandwidth								
Test Votage:	AC 120 V, 60 Hz								
f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Straddle Ch. 824MHz									
1648.00	-71.9	V	3.0	-7.3	11.74	-67.5	-13.0	-54.5	
2472.00	-68.7	V	3.0	-2.6	11.74	-59.5	-13.0	-46.5	
3296.00	-75.6	V	3.0	-1.1	11.74	-64.9	-13.0	-51.9	NF
4120.00	-75.8	V	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
1648.00	-73.1	H	3.0	-7.3	11.74	-68.6	-13.0	-55.6	
2472.00	-58.4	H	3.0	-2.6	11.74	-49.2	-13.0	-36.2	
3296.00	-75.6	H	3.0	-1.1	11.74	-64.9	-13.0	-51.9	NF
4120.00	-75.8	H	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
NF : Noise Floor									

LTE Band 26 (Part 22)

3 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company:		Samsung							
	Project #:		4792147575							
	Date:		2026-03-23							
	Test Engineer:		28775							
	Configuration:		EUT / Y-Position, FF							
	Location:		Chamber 2							
	Mode:		LTE_QPSK Band 26 Harmonics, 3MHz Bandwidth							
	Test Votage:		AC 120 V, 60 Hz							
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 825.5MHz									
	1651.00	-73.2	V	3.0	-6.4	11.74	-67.9	-13.0	-54.9	
	2476.50	-75.7	V	3.0	-1.7	11.74	-65.7	-13.0	-52.7	NF
	3302.00	-76.6	V	3.0	-0.2	11.74	-65.0	-13.0	-52.0	NF
	4127.50	-76.9	V	3.0	1.7	11.74	-63.4	-13.0	-50.4	NF
	Mid Ch, 836.5MHz									
	1673.00	-72.2	V	3.0	-6.3	11.74	-66.7	-13.0	-53.7	
	2509.50	-75.7	V	3.0	-1.6	11.74	-65.6	-13.0	-52.6	NF
	3346.00	-76.5	V	3.0	0.1	11.74	-64.6	-13.0	-51.6	NF
1673.00	-72.6	H	3.0	-6.3	11.74	-67.2	-13.0	-54.2		
2509.50	-75.6	H	3.0	-1.6	11.74	-65.5	-13.0	-52.5	NF	
3346.00	-76.4	H	3.0	0.1	11.74	-64.6	-13.0	-51.6	NF	
High Ch, 847.5MHz										
1695.00	-74.6	V	3.0	-6.2	11.74	-69.0	-13.0	-56.0	NF	
2542.50	-75.6	V	3.0	-1.6	11.74	-65.4	-13.0	-52.4	NF	
3390.00	-76.7	V	3.0	0.3	11.74	-64.6	-13.0	-51.6	NF	
NF : Noise Floor										
10 MHz QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company:		Samsung							
	Project #:		4792147575							
	Date:		2026-03-24							
	Test Engineer:		26087							
	Configuration:		EUT / AC Adapter, X-Position, Open							
	Location:		Chamber 1							
	Mode:		LTE_QPSK Band 26 Harmonics, 10MHz Bandwidth							
	Test Votage:		AC 120 V, 60 Hz							
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 829MHz									
	1658.00	-70.2	H	3.0	-7.2	11.74	-65.6	-13.0	-52.6	
	2487.00	-73.8	H	3.0	-2.6	11.74	-64.6	-13.0	-51.6	
	3316.00	-74.6	H	3.0	-1.0	11.74	-63.8	-13.0	-50.8	NF
	4145.00	-74.1	H	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	Mid Ch, 836.5MHz									
	1673.00	-71.3	H	3.0	-7.1	11.74	-66.7	-13.0	-53.7	
	2509.50	-73.5	H	3.0	-2.5	11.74	-64.3	-13.0	-51.3	
	3346.00	-74.6	H	3.0	-0.9	11.74	-63.7	-13.0	-50.7	NF
	4182.50	-73.9	H	3.0	0.5	11.74	-61.6	-13.0	-48.6	NF
	High Ch, 844MHz									
	1688.00	-71.5	V	3.0	-7.0	11.74	-66.8	-13.0	-53.8	
2532.00	-73.0	V	3.0	-2.5	11.74	-63.7	-13.0	-50.7		
3376.00	-74.8	V	3.0	-0.8	11.74	-63.8	-13.0	-50.8	NF	
4220.00	-74.0	V	3.0	0.6	11.74	-61.6	-13.0	-48.6	NF	
1688.00	-70.0	H	3.0	-7.0	11.74	-65.3	-13.0	-52.3		
2532.00	-72.6	H	3.0	-2.5	11.74	-63.3	-13.0	-50.3		
3376.00	-74.8	H	3.0	-0.8	11.74	-63.8	-13.0	-50.8	NF	
4220.00	-73.9	H	3.0	0.6	11.74	-61.6	-13.0	-48.6	NF	
NF : Noise Floor										

NR Band n14

5 MHz DFT-s-OFDM QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4792147575									
	Date: 2026-04-17									
	Test Engineer: 28775									
	Configuration: EUT / Y-Position, FF									
	Location: Chamber 2									
	Mode: 5G NR_QPSK NR n14 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 790.5MHz									
	1581.00	-74.3	V	3.0	-6.7	11.74	-69.3	-40.0	-29.3	
	2371.50	-75.9	V	3.0	-2.1	11.74	-66.3	-13.0	-53.3	
	3162.00	-76.8	V	3.0	0.0	11.74	-65.0	-13.0	-52.0	NF
	3952.50	-77.3	V	3.0	1.3	11.74	-64.3	-13.0	-51.3	NF
	Mid Ch, 793MHz									
	1586.00	-73.9	V	3.0	-6.7	11.74	-68.8	-40.0	-28.8	
	2379.00	-75.7	V	3.0	-2.1	11.74	-66.1	-13.0	-53.1	
	3172.00	-76.8	V	3.0	0.0	11.74	-65.1	-13.0	-52.1	NF
	3965.00	-77.3	V	3.0	1.4	11.74	-64.2	-13.0	-51.2	NF
	1586.00	-73.9	H	3.0	-6.7	11.74	-68.9	-40.0	-28.9	
	2379.00	-75.8	H	3.0	-2.1	11.74	-66.2	-13.0	-53.2	
	3172.00	-76.8	H	3.0	0.0	11.74	-65.1	-13.0	-52.1	NF
	3965.00	-77.3	H	3.0	1.4	11.74	-64.2	-13.0	-51.2	NF
High Ch, 795.5MHz										
1591.00	-74.2	V	3.0	-6.7	11.74	-69.1	-40.0	-29.1		
2386.50	-75.8	V	3.0	-2.1	11.74	-66.1	-13.0	-53.1		
3182.00	-76.9	V	3.0	0.1	11.74	-65.1	-13.0	-52.1	NF	
3977.50	-77.3	V	3.0	1.4	11.74	-64.2	-13.0	-51.2	NF	
NF : Noise Floor										
5 MHz DFT-s-OFDM QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4792147575									
	Date: 2026-03-26									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position, Open									
	Location: Chamber 1									
	Mode: 5G NR_QPSK NR n14 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 790.5MHz									
	1581.00	-72.6	H	3.0	-7.6	11.74	-68.4	-40.0	-28.4	
	2371.50	-73.8	H	3.0	-2.9	11.74	-64.9	-13.0	-51.9	
	3162.00	-74.7	H	3.0	-1.0	11.74	-64.0	-13.0	-51.0	NF
	3952.50	-74.2	H	3.0	0.2	11.74	-62.2	-13.0	-49.2	NF
	Mid Ch, 793MHz									
	1586.00	-72.2	H	3.0	-7.6	11.74	-68.1	-40.0	-28.1	
	2379.00	-74.0	H	3.0	-2.9	11.74	-65.2	-13.0	-52.2	
	3172.00	-74.4	H	3.0	-1.0	11.74	-63.7	-13.0	-50.7	NF
	3965.00	-74.4	H	3.0	0.2	11.74	-62.4	-13.0	-49.4	NF
	High Ch, 795.5MHz									
	1591.00	-72.7	V	3.0	-7.6	11.74	-68.6	-40.0	-28.6	
	2386.50	-74.0	V	3.0	-2.9	11.74	-65.1	-13.0	-52.1	
	3182.00	-74.6	V	3.0	-1.0	11.74	-63.9	-13.0	-50.9	NF
3977.50	-74.4	V	3.0	0.2	11.74	-62.4	-13.0	-49.4	NF	
1591.00	-72.1	H	3.0	-7.6	11.74	-67.9	-40.0	-27.9		
2386.50	-73.7	H	3.0	-2.9	11.74	-64.8	-13.0	-51.8		
3182.00	-74.7	H	3.0	-1.0	11.74	-63.9	-13.0	-50.9	NF	
3977.50	-74.5	H	3.0	0.2	11.74	-62.5	-13.0	-49.5	NF	
NF : Noise Floor										

10 MHz DFT-s-OFDM QPSK ANT A+B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Project #: Date: Test Engineer: Configuration: Location: Mode: Test Votage: Samsung 4792147575 2026-03-25 26087 EUT / AC Adapter, Z-Position, Open Chamber 1 5G NR_QPSK NR n14 Harmonics, 10MHz Bandwidth AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Mid Ch, 793MHz									
	1586.00	-73.0	V	3.0	-7.6	11.74	-68.8	-40.0	-28.8	
	2379.00	-72.4	V	3.0	-2.9	11.74	-63.6	-13.0	-50.6	
	3172.00	-74.6	V	3.0	-1.0	11.74	-63.8	-13.0	-50.8	NF
	3965.00	-74.4	V	3.0	0.2	11.74	-62.5	-13.0	-49.5	NF
	1586.00	-72.7	H	3.0	-7.6	11.74	-68.5	-40.0	-28.5	
	2379.00	-73.2	H	3.0	-2.9	11.74	-64.4	-13.0	-51.4	
	3172.00	-74.6	H	3.0	-1.0	11.74	-63.8	-13.0	-50.8	NF
	3965.00	-74.3	H	3.0	0.2	11.74	-62.3	-13.0	-49.3	NF
NF : Noise Floor										

NR Band n26 (Part 90)

5 MHz DFT-s-OFDM QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Project #: Date: Test Engineer: Configuration: Location: Mode: Test Votage: Samsung 4792147575 2026-03-24 27089 EUT / X-Position, FF Chamber 2 5G NR_QPSK NR n26(Part 90) Harmonics, 5MHz Bandwidth AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 816.5MHz									
	1633.00	-71.2	V	3.0	-6.5	11.74	-66.0	-13.0	-53.0	
	2449.50	-75.8	V	3.0	-1.8	11.74	-65.9	-13.0	-52.9	NF
	3266.00	-76.7	V	3.0	-0.1	11.74	-65.0	-13.0	-52.0	NF
	1633.00	-71.0	H	3.0	-6.5	11.74	-65.8	-13.0	-52.8	
	2449.50	-75.7	H	3.0	-1.8	11.74	-65.8	-13.0	-52.8	NF
	3266.00	-76.6	H	3.0	-0.1	11.74	-65.0	-13.0	-52.0	NF
	Mid Ch, 821.5MHz									
	1643.00	-73.6	H	3.0	-6.5	11.74	-68.4	-13.0	-55.4	
	2464.50	-75.7	H	3.0	-1.8	11.74	-65.8	-13.0	-52.8	NF
	3286.00	-76.7	H	3.0	-0.1	11.74	-65.1	-13.0	-52.1	NF
	NF : Noise Floor									
5 MHz DFT-s-OFDM QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Project #: Date: Test Engineer: Configuration: Location: Mode: Test Votage: Samsung 4792147575 2026-04-01 26087 EUT / AC Adapter, X-Position, Open Chamber 1 5G NR_QPSK NR n26(Part 90) Harmonics, 5MHz Bandwidth AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 816.5MHz									
	1633.00	-71.2	H	3.0	-7.4	11.74	-66.8	-13.0	-53.8	
	2449.50	-73.9	H	3.0	-2.7	11.74	-64.9	-13.0	-51.9	
	3266.00	-74.8	H	3.0	-1.0	11.74	-64.1	-13.0	-51.1	NF
	4082.50	-74.1	H	3.0	0.5	11.74	-61.8	-13.0	-48.8	NF
	Mid Ch, 821.5MHz									
	1643.00	-72.0	V	3.0	-7.3	11.74	-67.6	-13.0	-54.6	
	2464.50	-73.8	V	3.0	-2.6	11.74	-64.7	-13.0	-51.7	
	3286.00	-74.8	V	3.0	-1.0	11.74	-64.1	-13.0	-51.1	NF
	4107.50	-74.1	V	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	1643.00	-71.1	H	3.0	-7.3	11.74	-66.6	-13.0	-53.6	
	2464.50	-73.2	H	3.0	-2.6	11.74	-64.1	-13.0	-51.1	
	3286.00	-74.8	H	3.0	-1.0	11.74	-64.1	-13.0	-51.1	NF
	4107.50	-74.1	H	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	NF : Noise Floor									

5 MHz DFT-s-OFDM QPSK ANT A+B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4792147575 Date: 2026-04-21 Test Engineer: 33535 Configuration: EUT / AC Adapter, X-Position, FF Location: Chamber 1 Mode: 5G NR_QPSK NR n26(Part 90) Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 816.5MHz									
	1633.00	-72.1	H	3.0	-7.4	11.74	-67.7	-13.0	-54.7	
	2449.50	-66.2	H	3.0	-2.7	11.74	-57.2	-13.0	-44.2	
	3266.00	-75.8	H	3.0	-1.0	11.74	-65.1	-13.0	-52.1	NF
	4082.50	-75.7	H	3.0	0.5	11.74	-63.4	-13.0	-50.4	NF
	Mid Ch, 821.5MHz									
	1643.00	-72.7	V	3.0	-7.3	11.74	-68.2	-13.0	-55.2	
	2464.50	-67.3	V	3.0	-2.6	11.74	-58.2	-13.0	-45.2	
	3286.00	-75.8	V	3.0	-1.0	11.74	-65.1	-13.0	-52.1	NF
	4107.50	-75.7	V	3.0	0.6	11.74	-63.4	-13.0	-50.4	NF
	1643.00	-72.5	H	3.0	-7.3	11.74	-68.1	-13.0	-55.1	
	2464.50	-65.3	H	3.0	-2.6	11.74	-56.2	-13.0	-43.2	
	3286.00	-75.8	H	3.0	-1.0	11.74	-65.1	-13.0	-52.1	NF
	4107.50	-75.7	H	3.0	0.6	11.74	-63.4	-13.0	-50.4	NF
	NF : Noise Floor									

NR Band n26 (Straddle)

10 MHz DFT-s-OFDM QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-24 Test Engineer: 27089 Configuration: EUT / X-Position, FF Location: Chamber 2 Mode: 5G NR_QPSK NR n26 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Straddle Ch, 824MHz									
	1648.00	-71.2	V	3.0	-6.4	11.74	-65.9	-13.0	-52.9	
	2472.00	-75.8	V	3.0	-1.8	11.74	-65.8	-13.0	-52.8	NF
	3296.00	-76.8	V	3.0	-0.2	11.74	-65.2	-13.0	-52.2	NF
	1648.00	-71.1	H	3.0	-6.4	11.74	-65.8	-13.0	-52.8	
	2472.00	-75.7	H	3.0	-1.8	11.74	-65.7	-13.0	-52.7	NF
	3296.00	-76.7	H	3.0	-0.2	11.74	-65.1	-13.0	-52.1	NF
	NF : Noise Floor									
20 MHz DFT-s-OFDM QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position, Open Location: Chamber 1 Mode: 5G NR_QPSK NR n26 Harmonics, 20MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Straddle Ch, 824MHz									
	1648.00	-73.1	V	3.0	-7.3	11.74	-68.6	-13.0	-55.6	
	2472.00	-73.0	V	3.0	-2.6	11.74	-63.9	-13.0	-50.9	
	3296.00	-75.0	V	3.0	-1.1	11.74	-64.3	-13.0	-51.3	NF
	4120.00	-74.1	V	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	1648.00	-70.5	H	3.0	-7.3	11.74	-66.0	-13.0	-53.0	
	2472.00	-69.8	H	3.0	-2.6	11.74	-60.6	-13.0	-47.6	
	3296.00	-74.9	H	3.0	-1.1	11.74	-64.2	-13.0	-51.2	NF
	4120.00	-73.9	H	3.0	0.6	11.74	-61.6	-13.0	-48.6	NF
	NF : Noise Floor									

10 MHz

DFT-s-OFDM

QPSK

ANT A+B

UL Verification Services, Inc.

Above 1GHz High Frequency Substitution Measurement

Company:

Project #:

Date:

Test Engineer:

Configuration:

Location:

Mode:

Test Votage:

Samsung

4792147575

2026-04-21

33535

EUT / AC Adapter, X-Position, FF

Chamber 1

5G NR_QPSK NR n26 Harmonics, 10MHz Bandwidth

AC 120 V, 60 Hz

f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Straddle Ch, 824MHz									
1648.00	-72.6	V	3.0	-7.3	11.74	-68.2	-13.0	-55.2	
2472.00	-67.0	V	3.0	-2.6	11.74	-57.9	-13.0	-44.9	
3296.00	-75.8	V	3.0	-1.1	11.74	-65.1	-13.0	-52.1	NF
4120.00	-75.7	V	3.0	0.6	11.74	-63.4	-13.0	-50.4	NF
1648.00	-72.7	H	3.0	-7.3	11.74	-68.2	-13.0	-55.2	
2472.00	-56.3	H	3.0	-2.6	11.74	-47.1	-13.0	-34.1	
3296.00	-75.7	H	3.0	-1.1	11.74	-65.0	-13.0	-52.0	NF
4120.00	-75.8	H	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
NF : Noise Floor									

NR Band n26 (Part 22)

5 MHz DFT-s-OFDM QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-24 Test Engineer: 27089 Configuration: EUT / X-Position, FF Location: Chamber 2 Mode: 5G NR_QPSK NR n26 Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 826.5MHz									
	1653.00	-74.0	H	3.0	-6.4	11.74	-68.7	-13.0	-55.7	
	2479.50	-75.7	H	3.0	-1.7	11.74	-65.7	-13.0	-52.7	NF
	3306.00	-76.7	H	3.0	-0.2	11.74	-65.1	-13.0	-52.1	NF
	Mid Ch, 836.5MHz									
	1673.00	-73.5	V	3.0	-6.3	11.74	-68.1	-13.0	-55.1	
	2509.50	-75.7	V	3.0	-1.6	11.74	-65.6	-13.0	-52.6	NF
	3346.00	-76.5	V	3.0	0.1	11.74	-64.7	-13.0	-51.7	NF
	1673.00	-73.0	H	3.0	-6.3	11.74	-67.6	-13.0	-54.6	
	2509.50	-75.7	H	3.0	-1.6	11.74	-65.6	-13.0	-52.6	NF
	3346.00	-76.4	H	3.0	0.1	11.74	-64.6	-13.0	-51.6	NF
	High Ch, 846.5MHz									
	1693.00	-74.6	H	3.0	-6.2	11.74	-69.1	-13.0	-56.1	NF
	2539.50	-75.6	H	3.0	-1.6	11.74	-65.5	-13.0	-52.5	NF
	3386.00	-76.8	H	3.0	0.3	11.74	-64.7	-13.0	-51.7	NF
	NF : Noise Floor									
5 MHz DFT-s-OFDM QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4792147575 Date: 2026-03-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position, Open Location: Chamber 1 Mode: 5G NR_QPSK NR n26 Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 826.5MHz									
	1653.00	-69.8	H	3.0	-7.2	11.74	-65.3	-13.0	-52.3	
	2479.50	-68.0	H	3.0	-2.6	11.74	-58.9	-13.0	-45.9	
	3306.00	-74.9	H	3.0	-1.0	11.74	-64.2	-13.0	-51.2	NF
	4132.50	-74.1	H	3.0	0.6	11.74	-61.8	-13.0	-48.8	NF
	Mid Ch, 836.5MHz									
	1673.00	-72.3	V	3.0	-7.1	11.74	-67.6	-13.0	-54.6	
	2509.50	-72.9	V	3.0	-2.5	11.74	-63.7	-13.0	-50.7	
	3346.00	-75.0	V	3.0	-0.9	11.74	-64.1	-13.0	-51.1	NF
	4182.50	-73.9	V	3.0	0.5	11.74	-61.6	-13.0	-48.6	NF
	1673.00	-69.7	H	3.0	-7.1	11.74	-65.0	-13.0	-52.0	
	2509.50	-67.8	H	3.0	-2.5	11.74	-58.6	-13.0	-45.6	
	3346.00	-75.0	H	3.0	-0.9	11.74	-64.2	-13.0	-51.2	NF
	4182.50	-73.9	H	3.0	0.5	11.74	-61.6	-13.0	-48.6	NF
	High Ch, 846.5MHz									
	1693.00	-70.6	H	3.0	-7.0	11.74	-65.8	-13.0	-52.8	
	2539.50	-68.0	H	3.0	-2.5	11.74	-58.7	-13.0	-45.7	
	3386.00	-75.0	H	3.0	-0.7	11.74	-64.0	-13.0	-51.0	NF
	4232.50	-74.0	H	3.0	0.7	11.74	-61.6	-13.0	-48.6	NF
	NF : Noise Floor									

5 MHz

DFT-s-OFDM

QPSK

ANT A+B

UL Verification Services, Inc.

Above 1GHz High Frequency Substitution Measurement

Company:

Project #:

Date:

Test Engineer:

Configuration:

Location:

Mode:

Test Votage:

Samsung

4792147575

2026-04-21

33535

EUT / AC Adapter, X-Position, FF

Chamber 1

5G NR_QPSK NR n26 Harmonics, 5MHz Bandwidth

AC 120 V, 60 Hz

f	SA reading	Ant. Pol.	Distance	AFCL	Conversion	EIRP	Limit	Delta	Notes
MHz	(dBm)	(H/V)	(m)	(dB/m)	Factor(dB)	(dBm)	(dBm)	(dB)	
Low Ch, 826.5MHz									
1653.00	-70.1	V	3.0	-7.2	11.74	-65.6	-13.0	-52.6	
2479.50	-64.9	V	3.0	-2.6	11.74	-55.8	-13.0	-42.8	
3306.00	-75.6	V	3.0	-1.0	11.74	-64.9	-13.0	-51.9	NF
4132.50	-75.8	V	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
1653.00	-69.8	H	3.0	-7.2	11.74	-65.3	-13.0	-52.3	NF
2479.50	-62.5	H	3.0	-2.6	11.74	-53.4	-13.0	-40.4	
3306.00	-75.6	H	3.0	-1.0	11.74	-64.9	-13.0	-51.9	NF
4132.50	-75.9	H	3.0	0.6	11.74	-63.5	-13.0	-50.5	NF
Mid Ch, 836.5MHz									
1673.00	-72.0	H	3.0	-7.1	11.74	-67.4	-13.0	-54.4	
2509.50	-63.9	H	3.0	-2.5	11.74	-54.7	-13.0	-41.7	
3346.00	-75.6	H	3.0	-0.9	11.74	-64.7	-13.0	-51.7	NF
4182.50	-75.3	H	3.0	0.5	11.74	-63.0	-13.0	-50.0	NF
High Ch, 846.5MHz									
1693.00	-69.0	H	3.0	-7.0	11.74	-64.3	-13.0	-51.3	
2539.50	-65.9	H	3.0	-2.5	11.74	-56.6	-13.0	-43.6	
3386.00	-75.5	H	3.0	-0.7	11.74	-64.5	-13.0	-51.5	NF
4232.50	-75.2	H	3.0	0.7	11.74	-62.8	-13.0	-49.8	NF
NF : Noise Floor									

END OF REPORT