

8.5.1. OUT OF BAND EMISSIONS RESULT

GSM 1900

GPRS



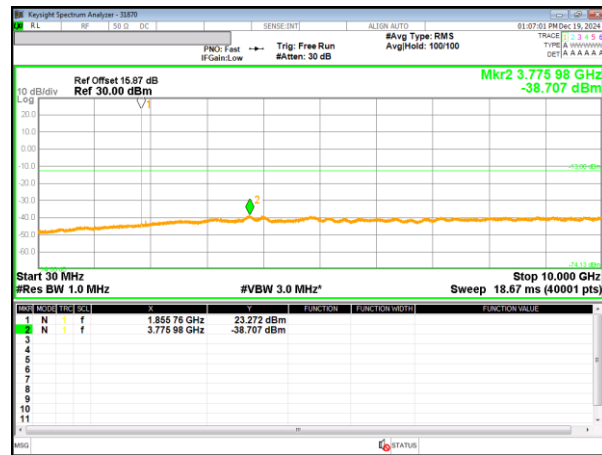
WCDMA Band 2

REL99

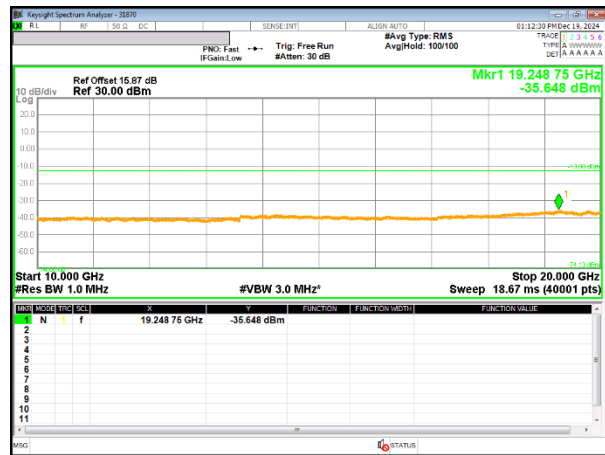


LTE Band 25

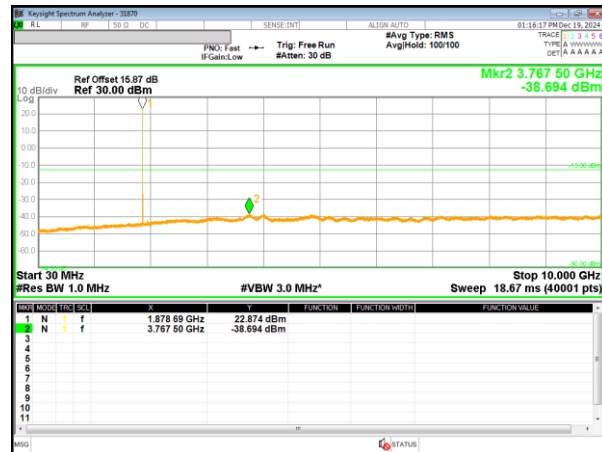
10MHz QPSK



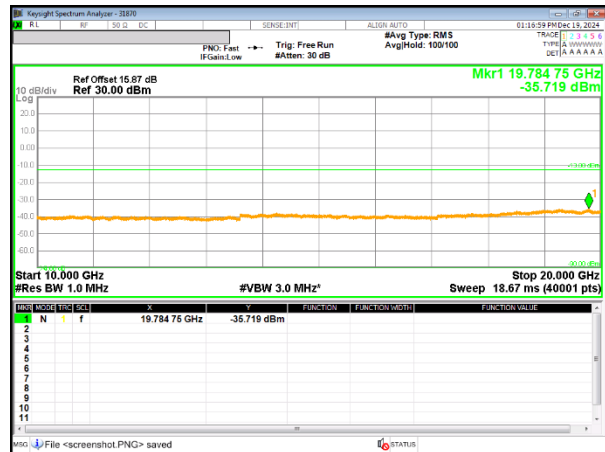
Low channel



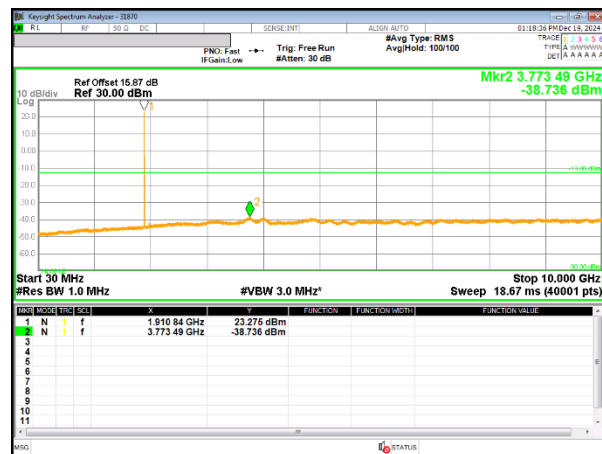
Low channel



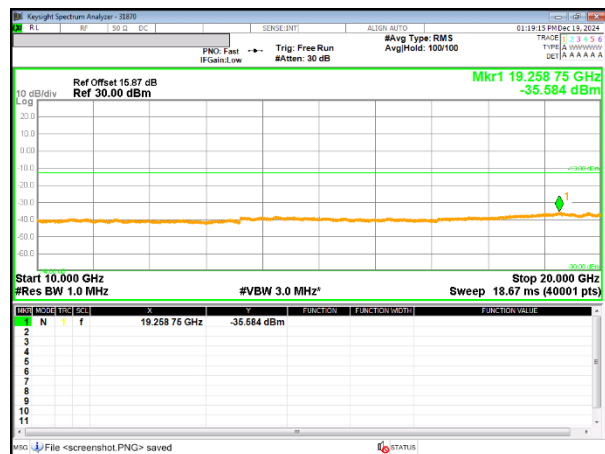
Mid channel



Mid channel



High channel



High channel

8.6. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §24.235

LIMITS

§24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

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 1900, Channel 512/810, Frequency 1850.0/1910.0 MHz
(Lowest Frequency: GPRS / Highest Frequency: GPRS)

Test Date	2024-12-23
Test Engineer	47989

Limit		1850	1910	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1850.0792	1909.9220		
Extreme (50C)		1850.0793	1909.9221	89.3	0.047
Extreme (40C)		1850.0793	1909.9221	92.1	0.049
Extreme (30C)		1850.0793	1909.9221	97.8	0.052
Extreme (10C)		1850.0793	1909.9221	88.3	0.047
Extreme (0C)		1850.0793	1909.9221	93.0	0.049
Extreme (-10C)		1850.0793	1909.9221	88.3	0.047
Extreme (-20C)		1850.0793	1909.9221	96.4	0.051
Extreme (-30C)		1850.0793	1909.9221	93.7	0.050
20C	15%	1850.0793	1909.9221	97.9	0.052
	-15%	1850.0793	1909.9221	99.0	0.053
	End Point	1850.0793	1909.9221	97.7	0.052

WCDMA Band 2 (Lowest Frequency: REL99 / Highest Frequency: REL99)

Test Date	2024-12-19
Test Engineer	47989

Limit		1850	1910	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1850.3240	1909.6814		
Extreme (50C)		1850.3240	1909.6814	97.1	0.052
Extreme (40C)		1850.3240	1909.6814	94.1	0.050
Extreme (30C)		1850.3240	1909.6814	90.1	0.048
Extreme (10C)		1850.3240	1909.6814	89.2	0.047
Extreme (0C)		1850.3240	1909.6814	90.0	0.048
Extreme (-10C)		1850.3240	1909.6814	97.1	0.052
Extreme (-20C)		1850.3240	1909.6814	94.0	0.050
Extreme (-30C)		1850.3240	1909.6814	90.5	0.048
20C	15%	1850.3240	1909.6814	91.6	0.049
	-15%	1850.3240	1909.6814	91.1	0.048
	End Point	1850.3240	1909.6814	87.7	0.047

LTE Band 25 (Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2024-12-17
Test Engineer	47989

Limit		1850	1915	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1850.1549	1914.8458		
Extreme (50C)		1850.1549	1914.8458	97.6	0.052
Extreme (40C)		1850.1549	1914.8458	88.7	0.047
Extreme (30C)		1850.1549	1914.8458	90.7	0.048
Extreme (10C)		1850.1549	1914.8458	95.3	0.051
Extreme (0C)		1850.1549	1914.8458	87.8	0.047
Extreme (-10C)		1850.1549	1914.8458	97.4	0.052
Extreme (-20C)		1850.1549	1914.8458	98.4	0.052
Extreme (-30C)		1850.1549	1914.8458	91.1	0.048
20C	15%	1850.1549	1914.8459	100.8	0.054
	-15%	1850.1549	1914.8458	96.5	0.051
	End Point	1850.1549	1914.8458	97.2	0.052

9. RADIATED RESULTS

9.1. RADIATED POWER (EIRP)

RULE PART(S)

FCC: §2.1046, §24.232

LIMITS

§24.232(c)

Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

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 $\geq$ OBW;
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span $\geq 2 \times$ OBW;
- d) Sweep time = auto couple or 1 second;
- e) Detector = rms;
- f) Ensure that the number of measurement points $\geq$ span/RBW;
- g) Trace Mode = max hold(GSM,WCDMA), average(LTE);

TEST RESULTS

See the following pages.

9.1.1. EIRP RESULT

GSM

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
GSM 1900	GPRS	1850.20	22.71	H	4.50	9.48	27.70	588.84	33.00	-5.30
		1880.00	23.94	H	4.53	9.20	28.61	726.11	33.00	-4.39
		1909.80	25.87	H	4.57	8.86	30.17	1039.92	33.00	-2.83
	EGPRS	1850.20	19.29	H	4.50	9.48	24.28	267.92	33.00	-8.72
		1880.00	20.09	H	4.53	9.20	24.76	299.23	33.00	-8.24
		1909.80	22.05	H	4.57	8.86	26.35	431.52	33.00	-6.65

WCDMA Band 2

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
Band 2	REL99	1852.40	16.10	V	4.50	9.46	21.06	127.64	33.00	-11.94
		1880.00	17.12	V	4.53	9.20	21.79	151.01	33.00	-11.21
		1907.60	18.18	V	4.56	8.89	22.50	177.83	33.00	-10.50
	HSDPA	1852.40	15.00	V	4.50	9.46	19.96	99.08	33.00	-13.04
		1880.00	16.14	V	4.53	9.20	20.81	120.50	33.00	-12.19
		1907.60	17.12	V	4.56	8.89	21.44	139.32	33.00	-11.56

LTE Band 25 (ANT B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1860.00	16.20	H	4.51	9.39	21.08	128.23	33.00	-11.92	1/99
		1882.50	17.32	H	4.53	9.17	21.96	157.04	33.00	-11.04	1/99
		1905.00	18.67	H	4.56	8.93	23.04	201.37	33.00	-9.96	1/49
	16-QAM	1860.00	15.48	H	4.51	9.39	20.37	108.89	33.00	-12.63	1/99
		1882.50	16.55	H	4.53	9.17	21.19	131.52	33.00	-11.81	1/99
		1905.00	17.86	H	4.56	8.93	22.22	166.72	33.00	-10.78	1/49
15	QPSK	1857.50	16.30	H	4.50	9.41	21.21	132.13	33.00	-11.79	1/74
		1882.50	17.18	H	4.53	9.17	21.83	152.41	33.00	-11.17	1/74
		1907.50	18.57	H	4.56	8.89	22.90	194.98	33.00	-10.10	1/37
	16-QAM	1857.50	15.47	H	4.50	9.41	20.38	109.14	33.00	-12.62	1/74
		1882.50	16.42	H	4.53	9.17	21.06	127.64	33.00	-11.94	1/74
		1907.50	17.80	H	4.56	8.89	22.13	163.31	33.00	-10.87	1/37
10	QPSK	1855.00	16.01	H	4.50	9.43	20.94	124.17	33.00	-12.06	1/49
		1882.50	17.41	H	4.53	9.17	22.06	160.69	33.00	-10.94	1/49
		1910.00	18.87	H	4.57	8.85	23.16	207.01	33.00	-9.84	1/25
	16-QAM	1855.00	15.27	H	4.50	9.43	20.20	104.71	33.00	-12.80	1/49
		1882.50	16.66	H	4.53	9.17	21.31	135.21	33.00	-11.69	1/49
		1910.00	18.06	H	4.57	8.85	22.35	171.79	33.00	-10.65	1/25
5	QPSK	1852.50	15.54	H	4.50	9.46	20.50	112.20	33.00	-12.50	1/12
		1882.50	17.41	H	4.53	9.17	22.06	160.69	33.00	-10.94	1/12
		1912.50	18.92	H	4.57	8.82	23.16	207.01	33.00	-9.84	1/12
	16-QAM	1852.50	14.76	H	4.50	9.46	19.72	93.76	33.00	-13.28	1/12
		1882.50	16.69	H	4.53	9.17	21.34	136.14	33.00	-11.66	1/12
		1912.50	18.04	H	4.57	8.82	22.29	169.43	33.00	-10.71	1/12
3	QPSK	1851.50	15.70	H	4.50	9.47	20.67	116.68	33.00	-12.33	1/8
		1882.50	17.24	H	4.53	9.17	21.88	154.17	33.00	-11.12	1/8
		1913.50	18.84	H	4.57	8.80	23.07	202.77	33.00	-9.93	1/8
	16-QAM	1851.50	14.91	H	4.50	9.47	19.88	97.27	33.00	-13.12	1/8
		1882.50	16.47	H	4.53	9.17	21.11	129.12	33.00	-11.89	1/8
		1913.50	18.08	H	4.57	8.80	22.32	170.61	33.00	-10.68	1/8
1.4	QPSK	1850.70	15.51	H	4.50	9.48	20.48	111.69	33.00	-12.52	1/3
		1882.50	17.38	H	4.53	9.17	22.02	159.22	33.00	-10.98	1/3
		1914.30	18.78	H	4.57	8.79	23.00	199.53	33.00	-10.00	1/3
	16-QAM	1850.70	14.79	H	4.50	9.48	19.77	94.84	33.00	-13.23	1/3
		1882.50	16.59	H	4.53	9.17	21.24	133.05	33.00	-11.76	1/3
		1914.30	18.06	H	4.57	8.79	22.28	169.04	33.00	-10.72	1/3

LTE Band 25 (ANT D)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1860.00	16.64	H	4.51	9.39	21.52	141.91	33.00	-11.48	1/99
		1882.50	16.86	H	4.53	9.17	21.50	141.25	33.00	-11.50	1/0
		1905.00	17.35	H	4.56	8.93	21.72	148.59	33.00	-11.28	1/0
	16-QAM	1860.00	15.93	H	4.51	9.39	20.81	120.50	33.00	-12.19	1/99
		1882.50	15.88	H	4.53	9.17	20.52	112.72	33.00	-12.48	1/0
		1905.00	16.61	H	4.56	8.93	20.98	125.31	33.00	-12.02	1/0
15	QPSK	1857.50	16.55	H	4.50	9.41	21.46	139.96	33.00	-11.54	1/74
		1882.50	16.47	H	4.53	9.17	21.12	129.42	33.00	-11.88	1/0
		1907.50	17.17	H	4.56	8.89	21.50	141.25	33.00	-11.50	1/0
	16-QAM	1857.50	15.75	H	4.50	9.41	20.66	116.41	33.00	-12.34	1/74
		1882.50	15.72	H	4.53	9.17	20.36	108.64	33.00	-12.64	1/0
		1907.50	16.38	H	4.56	8.89	20.71	117.76	33.00	-12.29	1/0
10	QPSK	1855.00	16.35	H	4.50	9.43	21.29	134.59	33.00	-11.71	1/49
		1882.50	16.64	H	4.53	9.17	21.29	134.59	33.00	-11.71	1/0
		1910.00	16.94	H	4.57	8.85	21.23	132.74	33.00	-11.77	1/25
	16-QAM	1855.00	15.61	H	4.50	9.43	20.55	113.50	33.00	-12.45	1/49
		1882.50	15.84	H	4.53	9.17	20.49	111.94	33.00	-12.51	1/0
		1910.00	16.19	H	4.57	8.85	20.48	111.69	33.00	-12.52	1/25
5	QPSK	1852.50	16.07	H	4.50	9.46	21.03	126.77	33.00	-11.97	1/12
		1882.50	16.50	H	4.53	9.17	21.15	130.32	33.00	-11.85	1/12
		1912.50	17.57	H	4.57	8.82	21.82	152.05	33.00	-11.18	1/12
	16-QAM	1852.50	15.26	H	4.50	9.46	20.22	105.20	33.00	-12.78	1/12
		1882.50	15.69	H	4.53	9.17	20.34	108.14	33.00	-12.66	1/12
		1912.50	16.76	H	4.57	8.82	21.01	126.18	33.00	-11.99	1/12
3	QPSK	1851.50	15.99	H	4.50	9.47	20.96	124.74	33.00	-12.04	1/8
		1882.50	16.49	H	4.53	9.17	21.13	129.72	33.00	-11.87	1/8
		1913.50	17.29	H	4.57	8.80	21.53	142.23	33.00	-11.47	1/8
	16-QAM	1851.50	15.21	H	4.50	9.47	20.18	104.23	33.00	-12.82	1/8
		1882.50	15.73	H	4.53	9.17	20.37	108.89	33.00	-12.63	1/8
		1913.50	16.56	H	4.57	8.80	20.79	119.95	33.00	-12.21	1/8
1.4	QPSK	1850.70	15.87	H	4.50	9.48	20.84	121.34	33.00	-12.16	1/3
		1882.50	16.45	H	4.53	9.17	21.09	128.53	33.00	-11.91	1/3
		1914.30	17.23	H	4.57	8.79	21.45	139.64	33.00	-11.55	1/0
	16-QAM	1850.70	15.00	H	4.50	9.48	19.98	99.54	33.00	-13.02	1/3
		1882.50	15.61	H	4.53	9.17	20.25	105.93	33.00	-12.75	1/3
		1914.30	16.50	H	4.57	8.79	20.71	117.76	33.00	-12.29	1/0

9.2. RADIATED SPURIOUS EMISSION

RULE PART(S)

FCC: §2.1053, §24.238

LIMIT

24.238(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.

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 = 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 $\geq$ span/RBW;
- g) Trace Mode = average(WCDMA, LTE), 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).

NOTE2

Please refer to section 5.4 for bandwidth and RB setting about LTE bands.

RESULTS

See the following pages.

9.2.1. SPURIOUS RADIATION RESULT

GSM1900

	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4791547073 Date: 2024-11-18 Test Engineer: 28775 Configuration: EUT / AC Adapter, X-Position Location: Chamber 2 Mode: GPRS 1900 MHz Harmonics Test Voltage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
GPRS	Low Ch, 1850.2MHz									
	3700.40	-9.1	V	3.0	43.1	1.0	-51.2	-13.0	-38.2	
	5550.60	-6.2	V	3.0	43.4	1.0	-48.6	-13.0	-35.6	
	7400.80	0.3	V	3.0	43.0	1.0	-41.7	-13.0	-28.7	
	3700.40	-8.8	H	3.0	43.1	1.0	-50.9	-13.0	-37.9	
	5550.60	-6.3	H	3.0	43.4	1.0	-48.7	-13.0	-35.7	
	7400.80	-2.3	H	3.0	43.0	1.0	-44.4	-13.0	-31.4	
	Mid Ch, 1880MHz									
	3760.00	-8.9	V	3.0	43.1	1.0	-51.0	-13.0	-38.0	
	5640.00	-6.1	V	3.0	43.4	1.0	-48.6	-13.0	-35.6	
	7520.00	1.1	V	3.0	42.9	1.0	-40.9	-13.0	-27.9	
	3760.00	-8.8	H	3.0	43.1	1.0	-50.9	-13.0	-37.9	
	5640.00	-6.0	H	3.0	43.4	1.0	-48.4	-13.0	-35.4	
	7520.00	-1.9	H	3.0	42.9	1.0	-43.8	-13.0	-30.8	
	High Ch, 1909.8MHz									
	3819.60	-8.6	V	3.0	43.1	1.0	-50.7	-13.0	-37.7	
	5729.40	-6.1	V	3.0	43.4	1.0	-48.6	-13.0	-35.6	
	7639.20	-0.2	V	3.0	42.9	1.0	-42.0	-13.0	-29.0	
	3819.60	-8.6	H	3.0	43.1	1.0	-50.7	-13.0	-37.7	
	5729.40	-5.8	H	3.0	43.4	1.0	-48.2	-13.0	-35.2	
	7639.20	0.0	H	3.0	42.9	1.0	-41.9	-13.0	-28.9	

WCDMA Band 2

REL99	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791547073 Date: 2024-11-19 Test Engineer: 27089 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 1 Mode: Rel99 Band 2 Harmonics Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1852.4MHz 3704.80 -9.2 V 3.0 44.2 1.0 -52.4 -13.0 -39.4 5557.20 -7.0 V 3.0 44.6 1.0 -50.7 -13.0 -37.7 7409.60 -4.2 V 3.0 44.8 1.0 -48.0 -13.0 -35.0 3704.80 -9.1 H 3.0 44.2 1.0 -52.4 -13.0 -39.4 5557.20 -7.1 H 3.0 44.6 1.0 -50.7 -13.0 -37.7 7409.60 -4.2 H 3.0 44.8 1.0 -48.0 -13.0 -35.0 Mid Ch, 1880MHz 3760.00 -9.2 V 3.0 44.3 1.0 -52.5 -13.0 -39.5 5640.00 -6.7 V 3.0 44.7 1.0 -50.4 -13.0 -37.4 7520.00 -4.1 V 3.0 44.7 1.0 -47.9 -13.0 -34.9 3760.00 -9.1 H 3.0 44.3 1.0 -52.4 -13.0 -39.4 5640.00 -6.7 H 3.0 44.7 1.0 -50.4 -13.0 -37.4 7520.00 -4.1 H 3.0 44.7 1.0 -47.8 -13.0 -34.8 High Ch, 1907.6MHz 3815.20 -9.0 V 3.0 44.4 1.0 -52.4 -13.0 -39.4 5722.80 -6.8 V 3.0 44.7 1.0 -50.5 -13.0 -37.5 7630.40 -3.7 V 3.0 44.6 1.0 -47.4 -13.0 -34.4 3815.20 -9.0 H 3.0 44.4 1.0 -52.3 -13.0 -39.3 5722.80 -6.8 H 3.0 44.7 1.0 -50.5 -13.0 -37.5 7630.40 -3.7 H 3.0 44.6 1.0 -47.4 -13.0 -34.4									

LTE Band 25

5 MHz QPSK ANT B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791547073									
	Date: 2024-11-18									
	Test Engineer: 27089									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 25 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1852.5MHz									
	3705.00	-9.2	V	3.0	44.3	1.0	-52.4	-13.0	-39.4	
	5557.50	-6.9	V	3.0	44.6	1.0	-50.6	-13.0	-37.6	
	7410.00	-3.9	V	3.0	44.8	1.0	-47.7	-13.0	-34.7	
	3705.00	-9.0	H	3.0	44.3	1.0	-52.3	-13.0	-39.3	
	5557.50	-6.9	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
	7410.00	-4.0	H	3.0	44.8	1.0	-47.8	-13.0	-34.8	
	Mid Ch, 1882.5MHz									
	3765.00	-8.9	V	3.0	44.3	1.0	-52.3	-13.0	-39.3	
	5647.50	-6.9	V	3.0	44.7	1.0	-50.6	-13.0	-37.6	
	7530.00	-3.9	V	3.0	44.7	1.0	-47.6	-13.0	-34.6	
	3765.00	-8.9	H	3.0	44.3	1.0	-52.2	-13.0	-39.2	
	5647.50	-6.9	H	3.0	44.7	1.0	-50.5	-13.0	-37.5	
	7530.00	-4.1	H	3.0	44.7	1.0	-47.9	-13.0	-34.9	
High Ch, 1912.5MHz										
3825.00	-8.8	V	3.0	44.4	1.0	-52.2	-13.0	-39.2		
5737.50	-6.9	V	3.0	44.7	1.0	-50.5	-13.0	-37.5		
7650.00	-3.4	V	3.0	44.6	1.0	-47.0	-13.0	-34.0		
3825.00	-8.7	H	3.0	44.4	1.0	-52.1	-13.0	-39.1		
5737.50	-6.8	H	3.0	44.7	1.0	-50.5	-13.0	-37.5		
7650.00	-3.6	H	3.0	44.6	1.0	-47.3	-13.0	-34.3		
5 MHz QPSK ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791547073									
	Date: 2024-11-20									
	Test Engineer: 27089									
	Configuration: EUT / AC Adapter, Z-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 25 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1852.5MHz									
	3705.00	-9.1	V	3.0	44.3	1.0	-52.3	-13.0	-39.3	
	5557.50	-7.1	V	3.0	44.6	1.0	-50.7	-13.0	-37.7	
	7410.00	-3.7	V	3.0	44.8	1.0	-47.5	-13.0	-34.5	
	3705.00	-9.1	H	3.0	44.3	1.0	-52.3	-13.0	-39.3	
	5557.50	-7.0	H	3.0	44.6	1.0	-50.6	-13.0	-37.6	
	7410.00	-3.5	H	3.0	44.8	1.0	-47.3	-13.0	-34.3	
	Mid Ch, 1882.5MHz									
	3765.00	-8.9	V	3.0	44.3	1.0	-52.2	-13.0	-39.2	
	5647.50	-6.7	V	3.0	44.7	1.0	-50.4	-13.0	-37.4	
	7530.00	-4.0	V	3.0	44.7	1.0	-47.7	-13.0	-34.7	
	3765.00	-8.8	H	3.0	44.3	1.0	-52.1	-13.0	-39.1	
	5647.50	-6.8	H	3.0	44.7	1.0	-50.5	-13.0	-37.5	
	7530.00	-3.7	H	3.0	44.7	1.0	-47.4	-13.0	-34.4	
High Ch, 1912.5MHz										
3825.00	-8.9	V	3.0	44.4	1.0	-52.3	-13.0	-39.3		
5737.50	-6.8	V	3.0	44.7	1.0	-50.5	-13.0	-37.5		
7650.00	-2.6	V	3.0	44.6	1.0	-46.2	-13.0	-33.2		
3825.00	-8.8	H	3.0	44.4	1.0	-52.2	-13.0	-39.2		
5737.50	-6.8	H	3.0	44.7	1.0	-50.5	-13.0	-37.5		
7650.00	-1.5	H	3.0	44.6	1.0	-45.2	-13.0	-32.2		

END OF REPORT