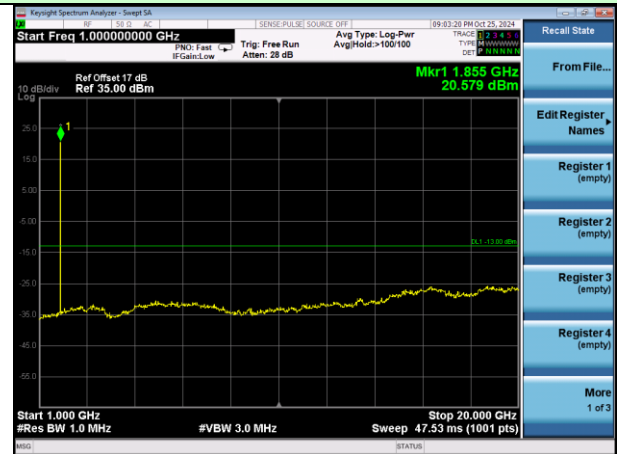
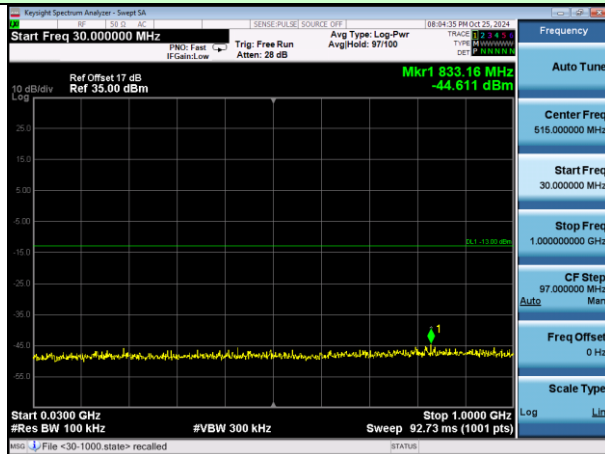
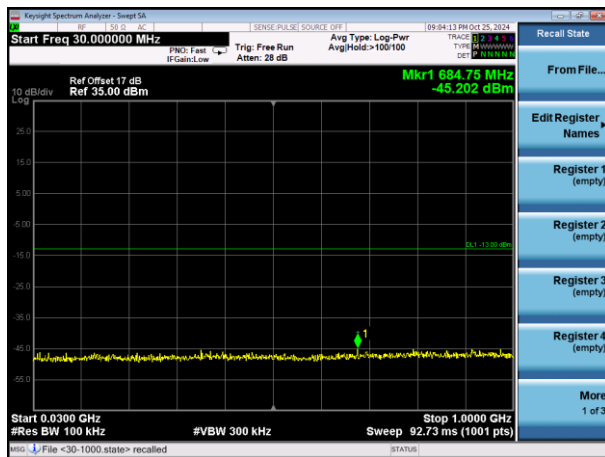


## Test Mode: Traffic mode

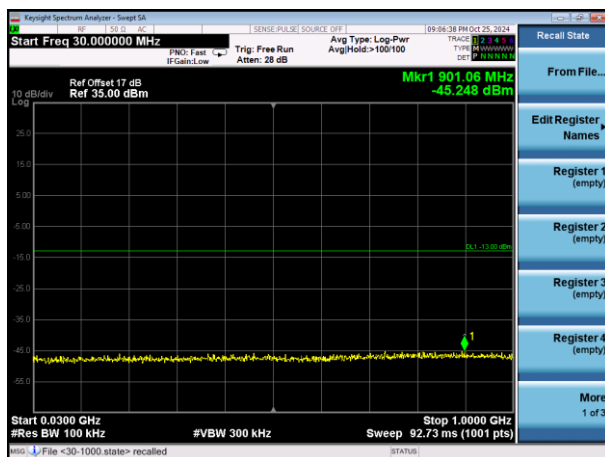
## PCS1900 (GPRS 1 link)



## Lowest channel



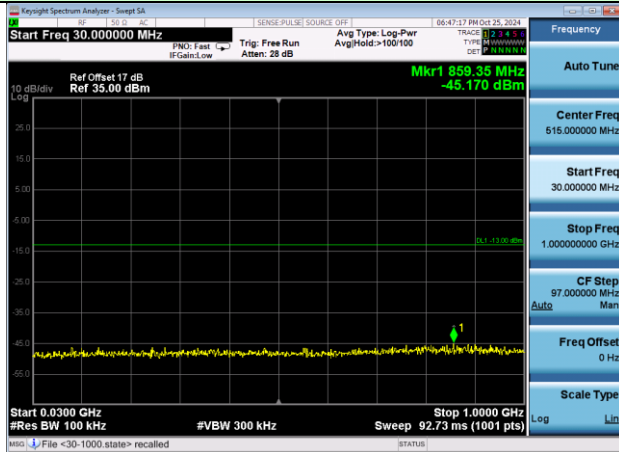
## Middle channel



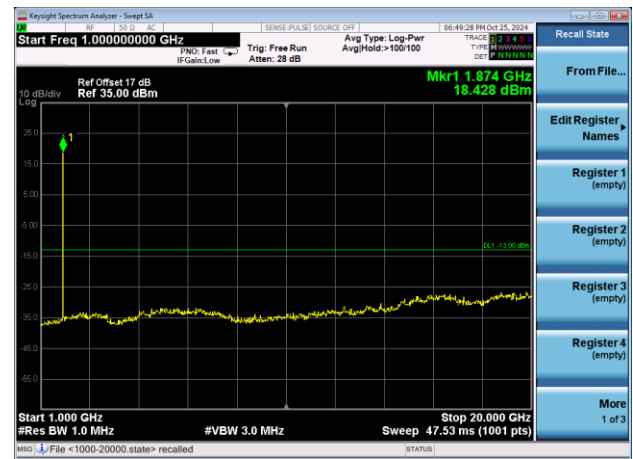
## Highest channel

## Test Mode: Traffic mode

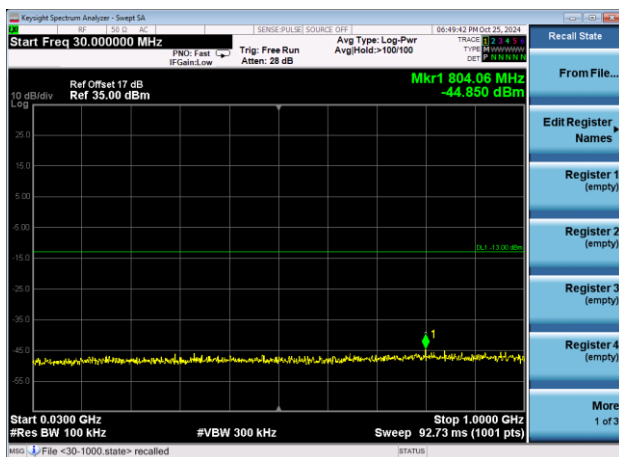
## PCS1900 (EGPRS 1 link)



## Lowest channel



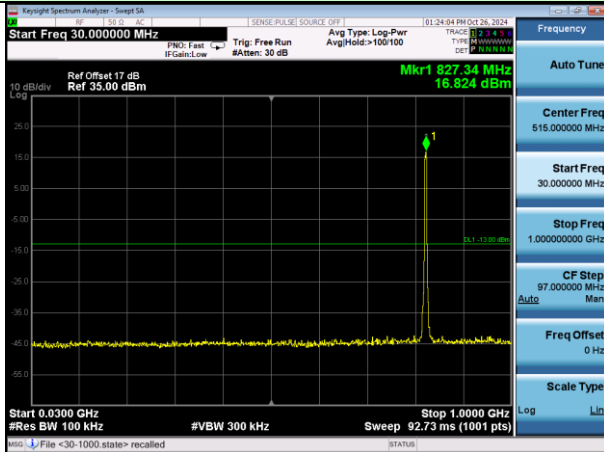
## Middle channel



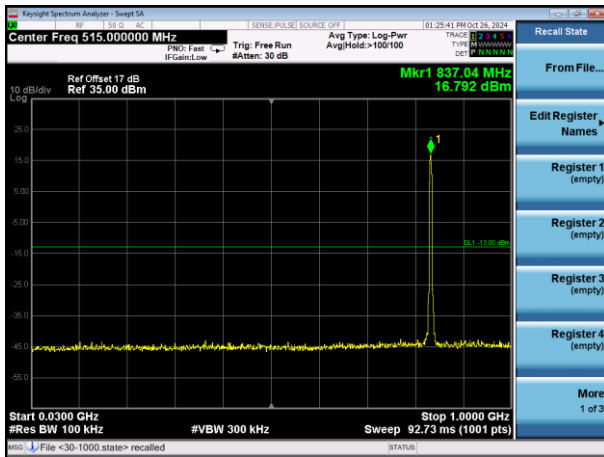
## Highest channel

## Test Mode: Traffic mode

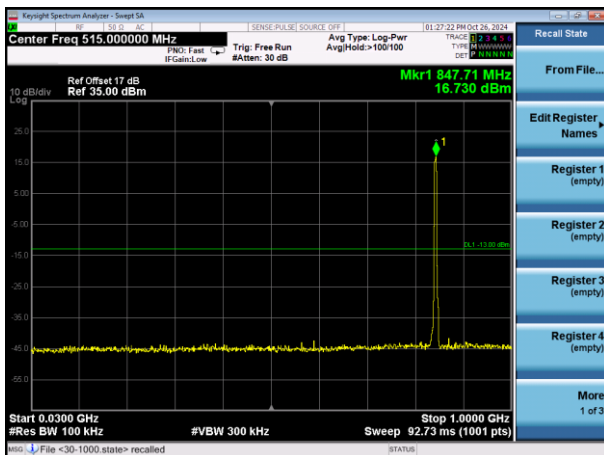
## WCDMA Band V (RMC 12.2Kbps link)



## Lowest channel



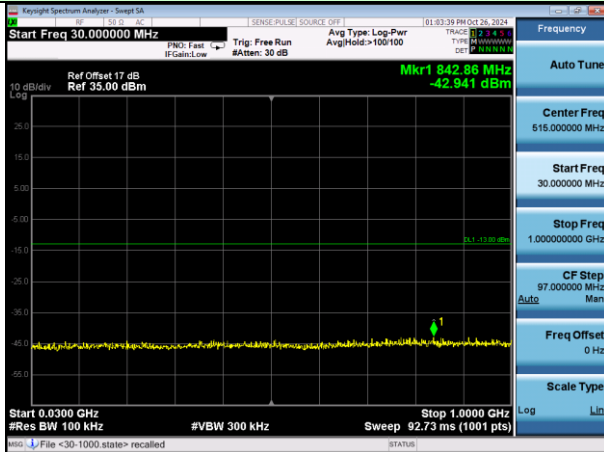
## Middle channel



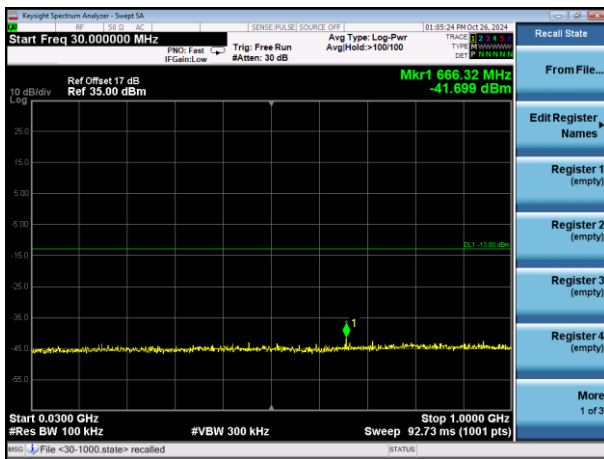
## Highest channel

## Test Mode: Traffic mode

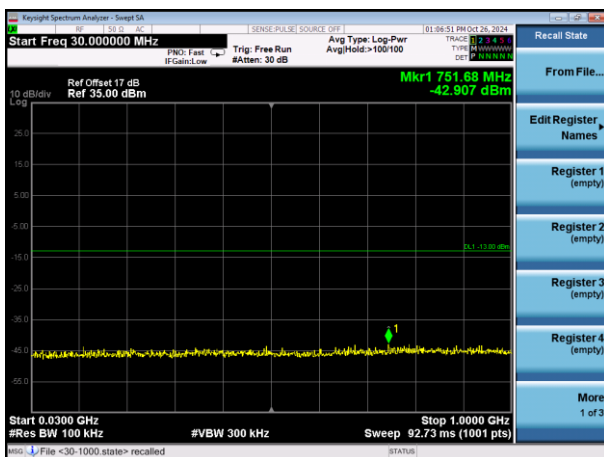
## WCDMA Band II (RMC 12.2Kbps link)



## Lowest channel



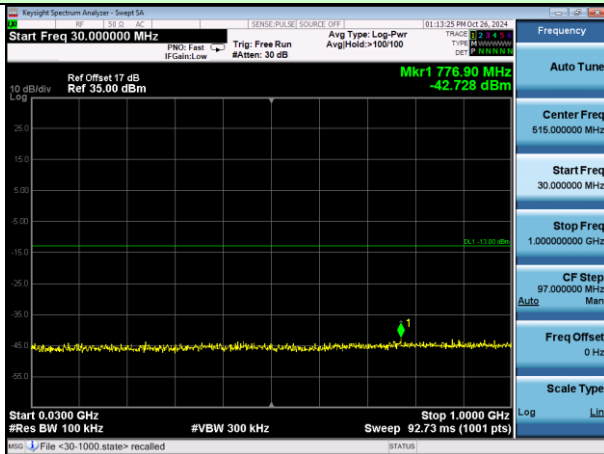
## Middle channel



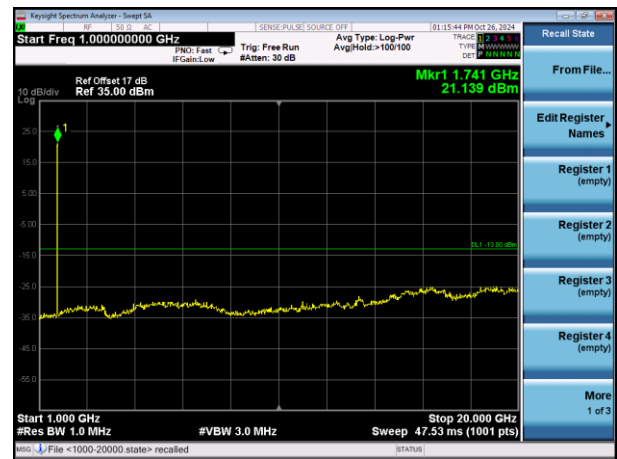
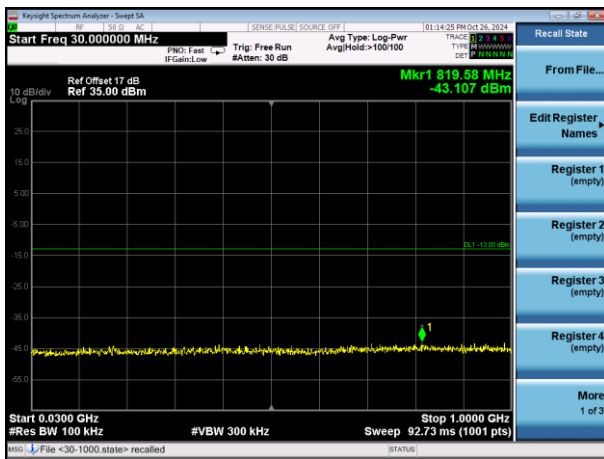
## Highest channel

## Test Mode: Traffic mode

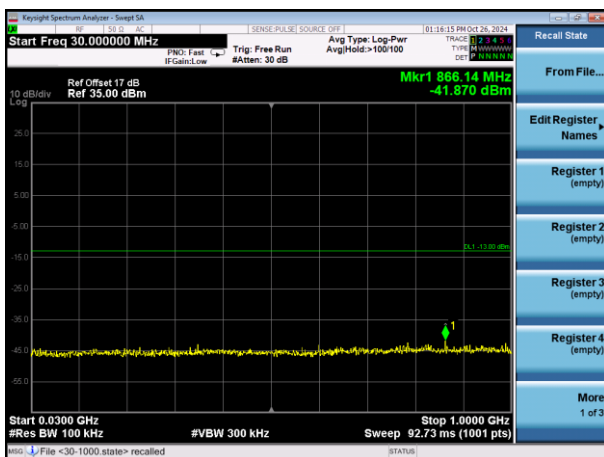
## WCDMA Band IV (RMC 12.2Kbps link)



## Lowest channel



## Middle channel

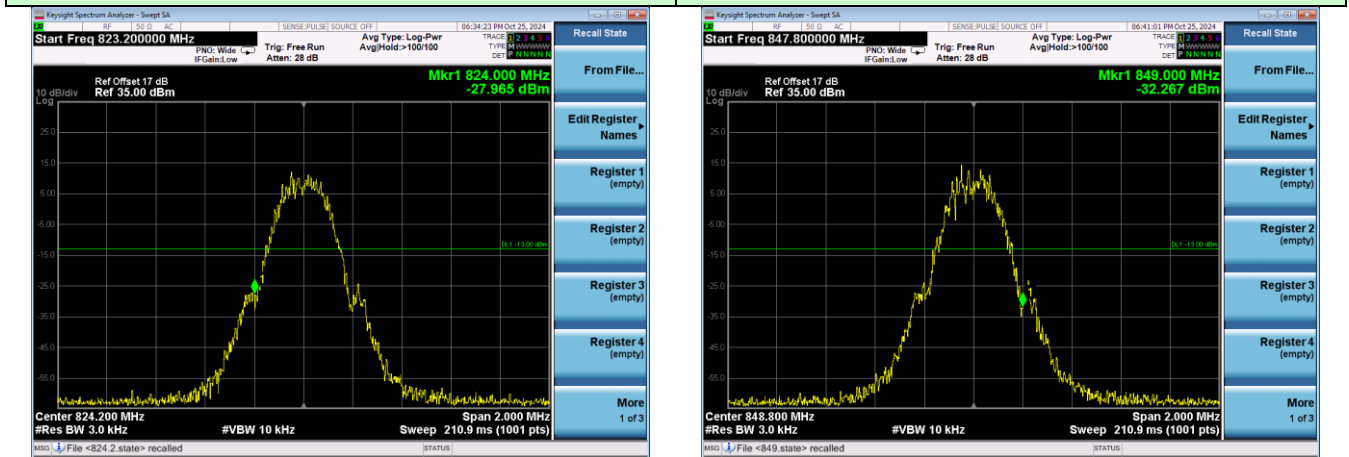


## Highest channel

Band Edge:

Test Mode: Traffic mode

GSM850 (GPRS 1 link)

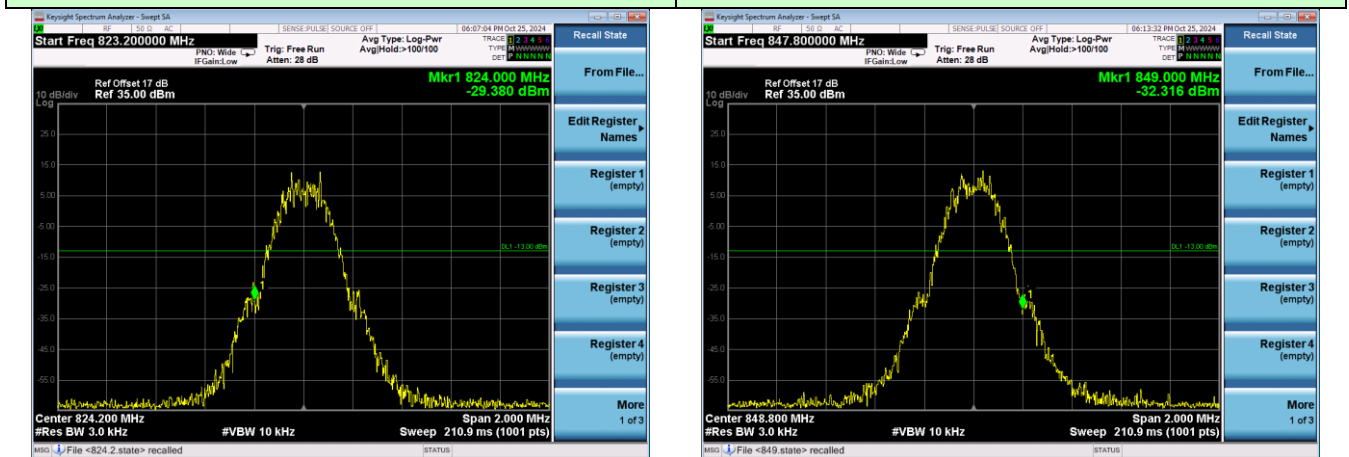


Lowest channel

Highest channel

Test Mode: Traffic mode

GSM850 (EGPRS 1 link)

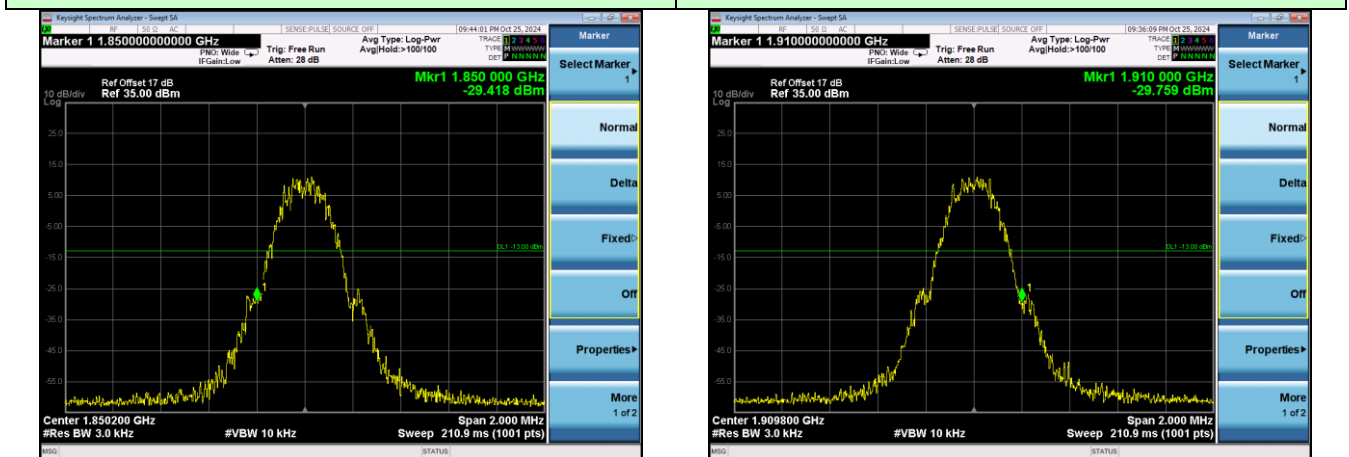


Lowest channel

Highest channel

Test Mode: Traffic mode

PCS1900 (GPRS 1 link)



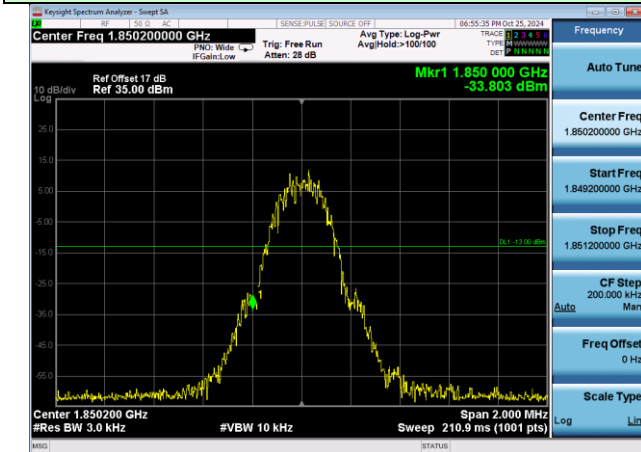
Lowest channel

Highest channel

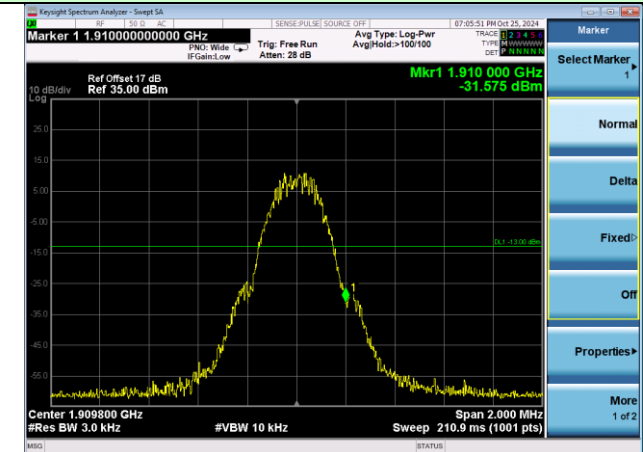


## Test Mode: Traffic mode

## PCS1900 (EGPRS 1 link)



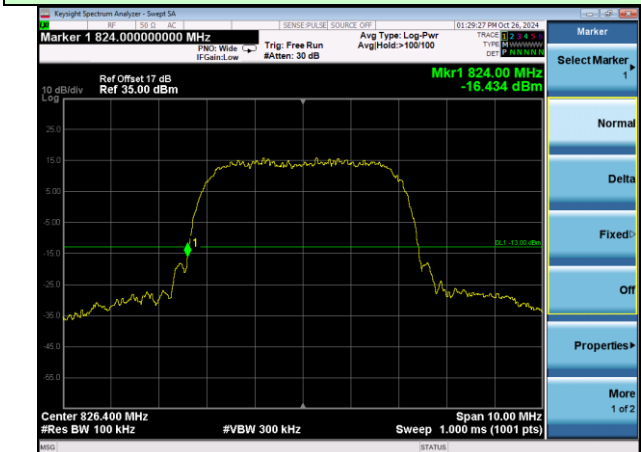
Lowest channel



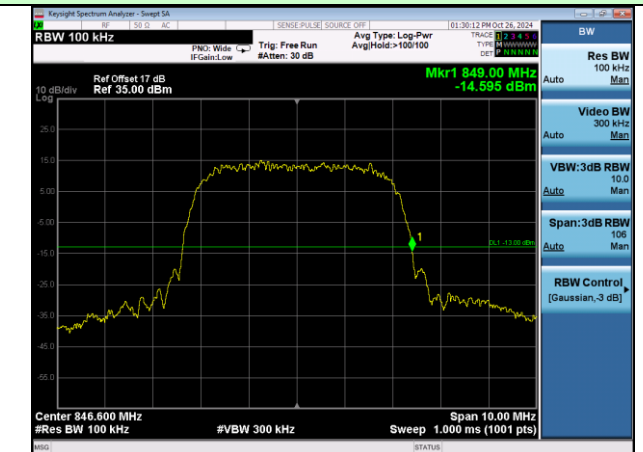
Highest channel

## Test Mode: Traffic mode

## WCDMA Band V (RMC 12.2Kbps link)



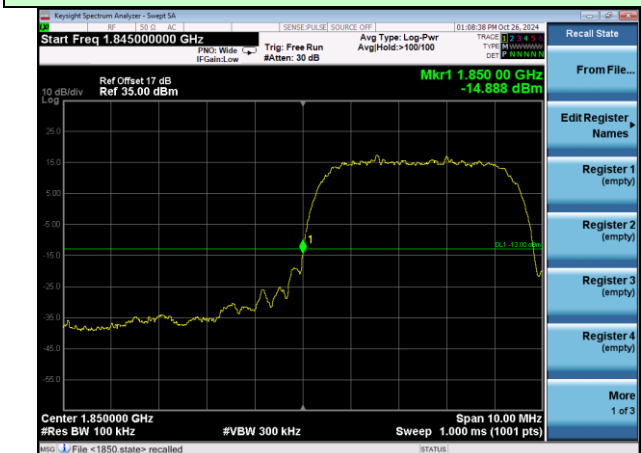
Lowest channel



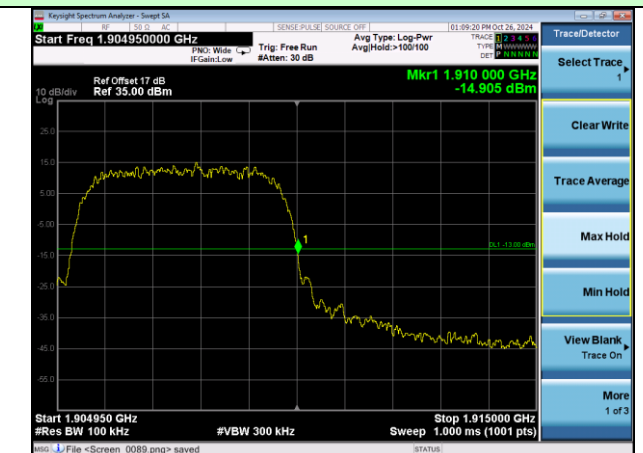
Highest channel

## Test Mode: Traffic mode

## WCDMA Band II (RMC 12.2Kbps link)



Lowest channel



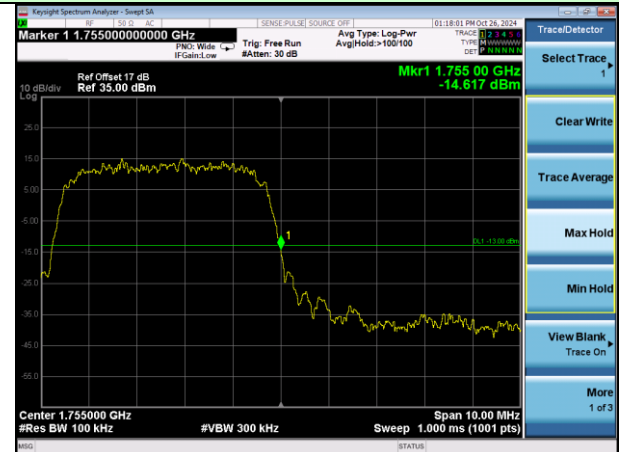
Highest channel

## Test Mode: Traffic mode

## WCDMA Band IV (RMC 12.2Kbps link)



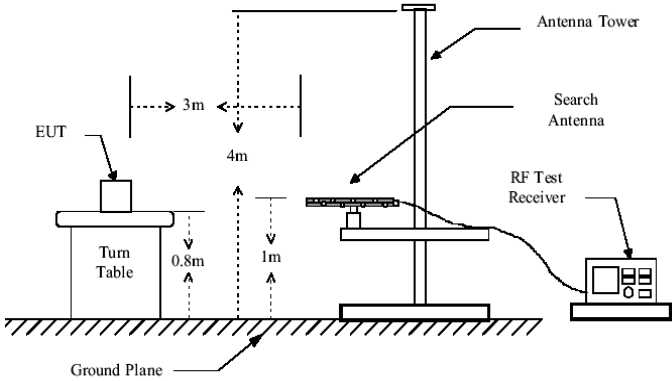
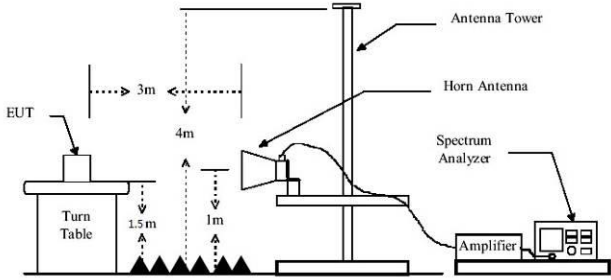
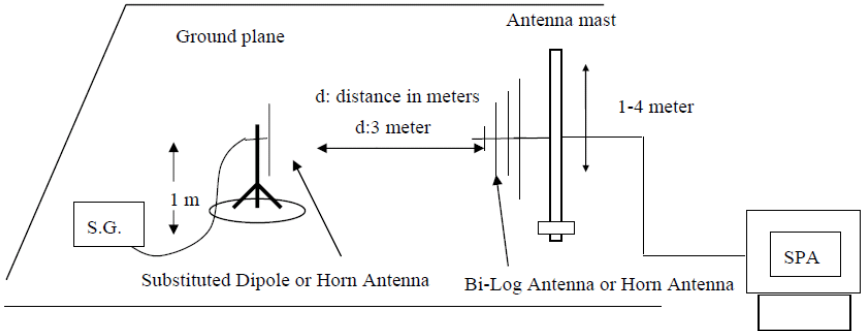
Lowest channel



Highest channel



#### 4.9 ERP, EIRP Measurement

Test Requirement:	FCC part22.913(a) and FCC part24.232(b) , Part 27.54(h)
Test Method:	FCC part2.1046
Limit:	GSM850, WCDMA Band V: 7W PCS1900, WCDMA Band II: 2W WCDMA Band IV: 1W
Test setup:	<p>Below 1GHz</p>  <p>Above 1GHz</p>  <p>Substituted method:</p> 

Test Procedure:	<ol style="list-style-type: none"><li>1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.</li><li>2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated.</li><li>3. ERP in frequency band 824.2 –848.80.8MHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated asfollows: <math display="block">\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}</math></li><li>4. EIRP in frequency band 1850.2 –1909.8MHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: <math display="block">\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}</math></li></ol>
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass

Measurement Data

EUT mode	Channel	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
GSM850 (GPRS 1 link)	Lowest	H	V	28.55	38.45	Pass
			H	26.95		
		E1	V	28.66		
			H	27.58		
		E2	V	29.14		
			H	27.92		
	Middle	H	V	29.95	38.45	Pass
			H	26.92		
		E1	V	28.48		
			H	26.60		
		E2	V	28.72		
			H	27.48		
	Highest	H	V	29.17	38.45	Pass
			H	27.48		
		E1	V	28.51		
			H	26.48		
		E2	V	29.69		
			H	26.96		

EUT mode	Channel	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
GSM850 (EGPRS 1 link)	Lowest	H	V	27.42	38.45	Pass
			H	24.62		
		E1	V	27.49		
			H	25.37		
		E2	V	27.67		
			H	25.70		
	Middle	H	V	27.75	38.45	Pass
			H	25.27		
		E1	V	27.12		
			H	25.98		
		E2	V	27.34		
			H	25.62		
	Highest	H	V	27.94	38.45	Pass
			H	26.20		
		E1	V	27.80		
			H	25.33		
		E2	V	28.22		
			H	25.20		

EUT mode	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
PCS1900 (GPRS 1 link)	Lowest	H	V	30.05	33.01	Pass
			H	25.64		
		E1	V	29.76		
			H	26.35		
		E2	V	30.34		
			H	26.23		
	Middle	H	V	30.19	33.01	Pass
			H	26.66		
		E1	V	30.24		
			H	26.79		
		E2	V	29.48		
			H	27.42		
	Highest	H	V	29.72	33.01	Pass
			H	26.40		
		E1	V	29.24		
			H	26.25		
		E2	V	29.85		
			H	26.39		

EUT mode	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
PCS1900 (EGPRS 1 link)	Lowest	H	V	26.98	33.01	Pass
			H	23.46		
		E1	V	27.06		
			H	24.18		
		E2	V	27.38		
			H	24.62		
	Middle	H	V	27.11	33.01	Pass
			H	24.68		
		E1	V	27.31		
			H	24.19		
		E2	V	26.59		
			H	25.22		
	Highest	H	V	27.28	33.01	Pass
			H	24.22		
		E1	V	27.43		
			H	24.44		
		E2	V	27.07		
			H	24.62		

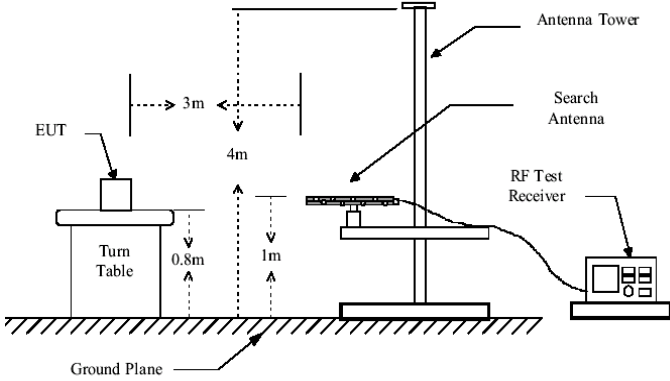
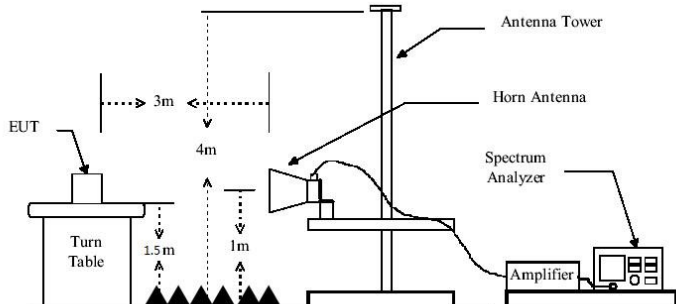
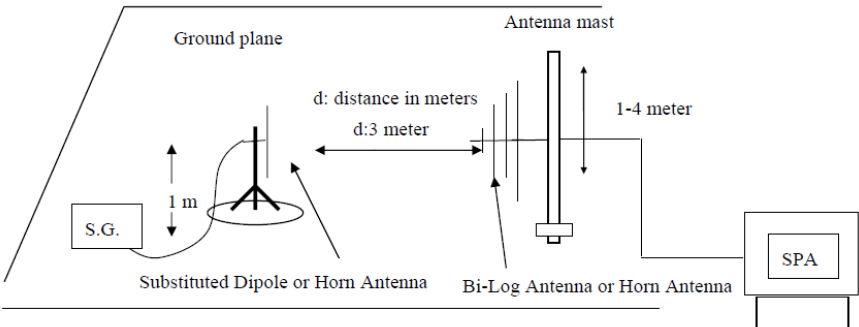
EUT mode	Channel	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
WCDMA Band V	Lowest	H	V	22.90	38.45	Pass
			H	23.26		
		E1	V	21.98		
			H	22.56		
		E2	V	22.35		
			H	23.44		
	Middle	H	V	23.88	38.45	Pass
			H	24.03		
		E1	V	23.64		
			H	22.67		
		E2	V	23.08		
			H	23.61		
	Highest	H	V	23.69	38.45	Pass
			H	23.61		
		E1	V	23.29		
			H	23.88		
		E2	V	22.99		
			H	23.30		



EUT mode	Channel	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
WCDMA Band II	Lowest	H	V	23.54	33.01	Pass
			H	23.67		
		E1	V	21.92		
			H	22.14		
		E2	V	22.18		
			H	24.26		
	Middle	H	V	23.05	33.01	Pass
			H	24.16		
		E1	V	23.33		
			H	22.54		
		E2	V	23.30		
			H	23.74		
	Highest	H	V	22.79	33.01	Pass
			H	23.30		
		E1	V	23.25		
			H	23.54		
		E2	V	23.21		
			H	23.12		

EUT mode	Channel	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
WCDMA Band IV	Lowest	H	V	22.77	33.01	Pass
			H	22.75		
		E1	V	22.09		
			H	22.67		
		E2	V	21.84		
			H	23.83		
	Middle	H	V	23.72	33.01	Pass
			H	23.84		
		E1	V	23.99		
			H	21.86		
		E2	V	23.26		
			H	23.09		
	Highest	H	V	22.93	33.01	Pass
			H	23.93		
		E1	V	23.58		
			H	23.91		
		E2	V	23.29		
			H	23.34		

#### 4.10 Field strength of spurious radiation measurement

Test Requirement:	FCC part22.917(a) and FCC part24.238(a), Part 27.54(h)
Test Method:	FCC part2.1053
Limit:	-13dBm
Test setup:	<p>Below 1GHz</p>  <p>Above 1GHz</p>  <p>Substituted method:</p> 

Test Procedure:	<ol style="list-style-type: none"><li>1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.</li><li>2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.</li><li>3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.</li><li>4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. <math display="block">\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}</math></li></ol>
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass

## Measurement Data

Test mode:	GPRS850		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1697.44	V	-37.93	-13.00	Pass
2546.98	V	-34.47		
3393.94	V	-33.22		
4243.67	V	-31.31		
5093.71	V	-30.76		
1697.43	H	-39.27	-13.00	Pass
2545.19	H	-33.92		
3395.75	H	-33.25		
4244.46	H	-31.51		
5092.17	H	-29.73		
Test mode:	EGPRS850		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1697.65	V	-38.82	-13.00	Pass
2545.73	V	-34.61		
3396.29	V	-32.22		
4244.52	V	-33.20		
5092.98	V	-30.38		
1697.81	H	-38.71	-13.00	Pass
2545.24	H	-33.45		
3394.25	H	-32.35		
4244.65	H	-31.42		
5092.18	H	-29.65		

## Remark :

1. The emission behaviour belongs to narrowband spurious emission.
2. The above table only shows the worst case channel of each mode.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Test mode:	GPRS1900		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3819.07	V	-37.51	-13.00	Pass
5729.18	V	-34.69		
7639.40	V	-32.96		
9547.50	V	-32.04		
11458.61	V	-30.83		
3818.26	H	-37.10	-13.00	Pass
5730.41	H	-32.88		
7640.31	H	-32.18		
9547.60	H	-31.41		
11458.26	H	-30.50		
Test mode:	EGPRS1900		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3819.59	V	-39.14	-13.00	Pass
5728.93	V	-33.98		
7639.30	V	-31.51		
9548.94	V	-31.85		
11459.53	V	-29.14		
3820.03	H	-38.79	-13.00	Pass
5729.80	H	-32.99		
7638.82	H	-32.92		
9548.10	H	-32.49		
11457.33	H	-29.07		

## Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. The above table only shows the worst case channel of each mode.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Test mode:	WCDMA Band V		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1693.84	V	-38.44	-13.00	Pass
2540.37	V	-35.27		
3385.58	V	-31.69		
4233.30	V	-32.74		
5078.41	V	-29.82		
1692.95	H	-37.25	-13.00	Pass
2538.38	H	-34.14		
3385.99	H	-33.31		
4232.64	H	-31.44		
5080.33	H	-28.78		
Test mode:	WCDMA Band V		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1672.10	V	-37.72	-13.00	Pass
2507.79	V	-35.89		
3345.82	V	-32.12		
4182.31	V	-31.64		
5018.96	V	-29.13		
1672.86	H	-38.66	-13.00	Pass
2508.97	H	-32.87		
3344.49	H	-32.77		
4181.10	H	-31.09		
5018.13	H	-29.09		
Test mode:	WCDMA Band V		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1693.16	V	-37.22	-13.00	Pass
2538.93	V	-34.76		
3385.42	V	-34.72		
4232.55	V	-30.97		
5079.15	V	-28.73		
1693.29	H	-38.29	-13.00	Pass
2540.58	H	-36.35		
3386.48	H	-35.20		
4232.71	H	-32.73		
5080.61	H	-29.99		

Remark :

1. The emission behaviour belongs to narrowband spurious emission.
2. Remark"---" means that the emission level is too low to be measured
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Test mode:	WCDMA Band II		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3704.58	V	-38.56	-13.00	Pass
5557.85	V	-35.93		
7409.15	V	-31.92		
9261.75	V	-33.31		
11114.43	V	-30.90		
3705.27	H	-36.79	-13.00	Pass
5556.35	H	-33.29		
7409.07	H	-33.48		
9260.53	H	-31.41		
11113.91	H	-28.94		
Test mode:	WCDMA Band II		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3759.63	V	-37.68	-13.00	Pass
5640.75	V	-34.26		
7519.48	V	-33.16		
9399.86	V	-31.20		
11279.63	V	-29.66		
3759.61	H	-38.48	-13.00	Pass
5639.82	H	-33.98		
7520.44	H	-33.08		
9398.95	H	-32.99		
11281.15	H	-29.34		
Test mode:	WCDMA Band II		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3815.71	V	-38.09	-13.00	Pass
5723.86	V	-36.00		
7630.34	V	-35.00		
9537.57	V	-31.87		
11445.37	V	-29.18		
3814.47	H	-39.02	-13.00	Pass
5723.46	H	-37.21		
7629.90	H	-35.50		
9538.32	H	-33.75		
11445.80	H	-30.44		

Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Remark"---" means that the emission level is too low to be measured
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Test mode:	WCDMA Band IV		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3425.31	V	-37.31	-13.00	Pass
5136.43	V	-34.03		
6848.79	V	-31.75		
8561.12	V	-32.37		
10273.39	V	-29.23		
3426.13	H	-37.56	-13.00	Pass
5137.79	H	-33.12		
6848.88	H	-32.30		
8562.94	H	-31.32		
10274.30	H	-30.68		
Test mode:	WCDMA Band IV		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3464.16	V	-37.30	-13.00	Pass
5197.70	V	-36.05		
6929.81	V	-32.99		
8662.27	V	-31.43		
10393.88	V	-28.89		
3465.71	H	-36.97	-13.00	Pass
5196.01	H	-34.41		
6929.43	H	-33.45		
8661.95	H	-31.75		
10394.80	H	-29.07		
Test mode:	WCDMA Band IV		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3506.43	V	-38.46	-13.00	Pass
5257.14	V	-36.80		
7010.99	V	-36.44		
8762.52	V	-33.46		
10515.97	V	-30.21		
3506.52	H	-37.42	-13.00	Pass
5256.48	H	-37.28		
7010.11	H	-34.12		
8763.48	H	-32.24		
10515.66	H	-29.19		

## Remark:

1. The emission behaviour belongs to narrowband spurious emission.
2. Remark"---" means that the emission level is too low to be measured
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

#### 4.11 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part2.1055(a)(1)(b)
Test Method:	FCC Part2.1055(a)(1)(b)
Limit:	2.5ppm
Test setup:	<p style="text-align: center;"> </p> <p style="text-align: center;">Note : Measurement setup for testing on Antenna connector</p>
Test procedure:	<ol style="list-style-type: none"> <li>1. The equipment under test was connected to an external DC power supply and input rated voltage.</li> <li>2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.</li> <li>3. The EUT was placed inside the temperature chamber.</li> <li>4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency.</li> <li>5. Turn EUT off and set the chamber temperature to –20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.</li> <li>6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.</li> </ol>
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass

## Measurement Data

Reference Frequency: GSM850 (GPRS 1 link) Middle channel=190 channel=836.6MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	26	0.0306	2.5	Pass
	-10	-12	-0.0148		
	0	26	0.0311		
	10	-8	-0.0097		
	20	18	0.0217		
	30	18	0.0217		
	40	21	0.0253		
	50	9	0.0102		
	60	11	0.0127		
Reference Frequency: GSM850 (EGPRS 1 link) Middle channel=190 channel=836.6MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	27	0.0326	2.5	Pass
	-10	-5	-0.0059		
	0	19	0.0226		
	10	0	-0.0002		
	20	19	0.0231		
	30	17	0.0200		
	40	13	0.0151		
	50	7	0.0079		
	60	14	0.0162		

Reference Frequency: PCS1900 (GPRS 1 link) Middle channel=661 channel=1880MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error			Result
		Hz	ppm		
3.8	-20	17	0.0089	2.5	Pass
	-10	-7	-0.0038		
	0	31	0.0163		
	10	-7	-0.0037		
	20	21	0.0114		
	30	17	0.0091		
	40	21	0.0111		
	50	6	0.0031		
	60	22	0.0117		
Reference Frequency: PCS1900 (EGPRS 1 link) Middle channel=661 channel=1880MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error			Result
		Hz	ppm		
3.8	-20	19	0.0099	2.5	Pass
	-10	-15	-0.0079		
	0	25	0.0133		
	10	-10	-0.0054		
	20	21	0.0111		
	30	8	0.0045		
	40	17	0.0089		
	50	16	0.0087		
	60	5	0.0029		

Reference Frequency: WCDMA Band V Middle channel=4183 channel=836.6MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	12	0.0141	2.5	Pass
	-10	-11	-0.0132		
	0	24	0.0288		
	10	-9	-0.0107		
	20	16	0.0195		
	30	22	0.0262		
	40	16	0.0186		
	50	2	0.0019		
	60	6	0.0071		
Reference Frequency: WCDMA Band II Middle channel=9400 channel=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	27	0.0145	2.5	Pass
	-10	-16	-0.0085		
	0	25	0.0135		
	10	-1	-0.0005		
	20	23	0.0120		
	30	16	0.0087		
	40	10	0.0052		
	50	13	0.0071		
	60	21	0.0110		
Reference Frequency: WCDMA Band IV Middle channel=1450 channel=1740MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	24	0.0136	2.5	Pass
	-10	-19	-0.0109		
	0	24	0.0141		
	10	-13	-0.0074		
	20	21	0.0121		
	30	12	0.0071		
	40	15	0.0086		
	50	11	0.0065		
	60	17	0.0098		

## 4.12 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part2.1055(d)(1)(2)
Test Method:	FCC Part2.1055(d)(1)(2)
Limit:	2.5ppm
Test setup:	<p style="text-align: center;"> </p> <p style="text-align: center;">Note : Measurement setup for testing on Antenna connector</p>
Test procedure:	<ol style="list-style-type: none"> <li>1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage.</li> <li>2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.</li> <li>3. Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.</li> </ol>
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass



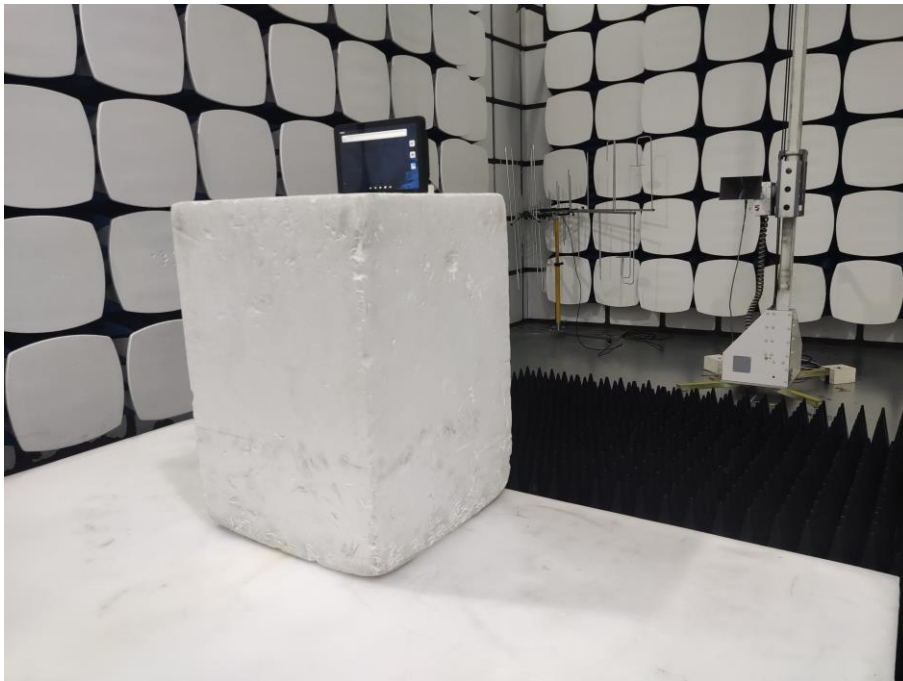
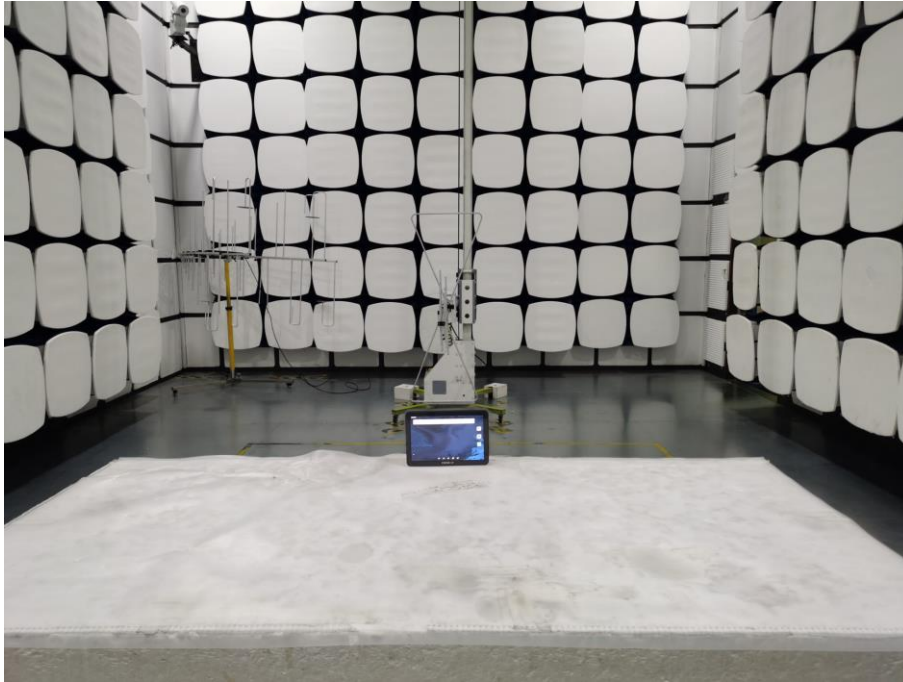
## Measurement Data

Reference Frequency: GSM850 (GPRS 1 link) Middle channel=190 channel=836.6MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	27	0.0317	2.5	Pass
	24	-9	-0.0106		
	9	27	0.0320		
Reference Frequency: GSM850 (EGPRS 1 link) Middle channel=190 channel=836.6MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	25	0.0300	2.5	Pass
	24	-6	-0.0071		
	9	28	0.0333		
Reference Frequency: PCS1900 (GPRS 1 link) Middle channel=661 channel=1880MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	17	0.0089	2.5	Pass
	24	-5	-0.0026		
	9	24	0.0130		
Reference Frequency: PCS1900 (EGPRS 1 link) Middle channel=661 channel=1880MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	16	0.0087	2.5	Pass
	24	-5	-0.0028		
	9	27	0.0145		

Reference Frequency: WCDMA Band V Middle channel=4183 channel=836.6MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	27	0.0325	2.5	Pass
	24	-11	-0.0128		
	9	21	0.0248		
Reference Frequency: WCDMA Band II Middle channel=940 channel=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	25	0.0133	2.5	Pass
	24	-14	-0.0073		
	9	27	0.0141		
Reference Frequency: WCDMA Band IV Middle channel=1450 channel=1740.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	24	16	0.0091	2.5	Pass
	24	-2	-0.0014		
	9	23	0.0131		

## 5 Test Setup Photo

Radiated Emission



-----END OF REPORT-----