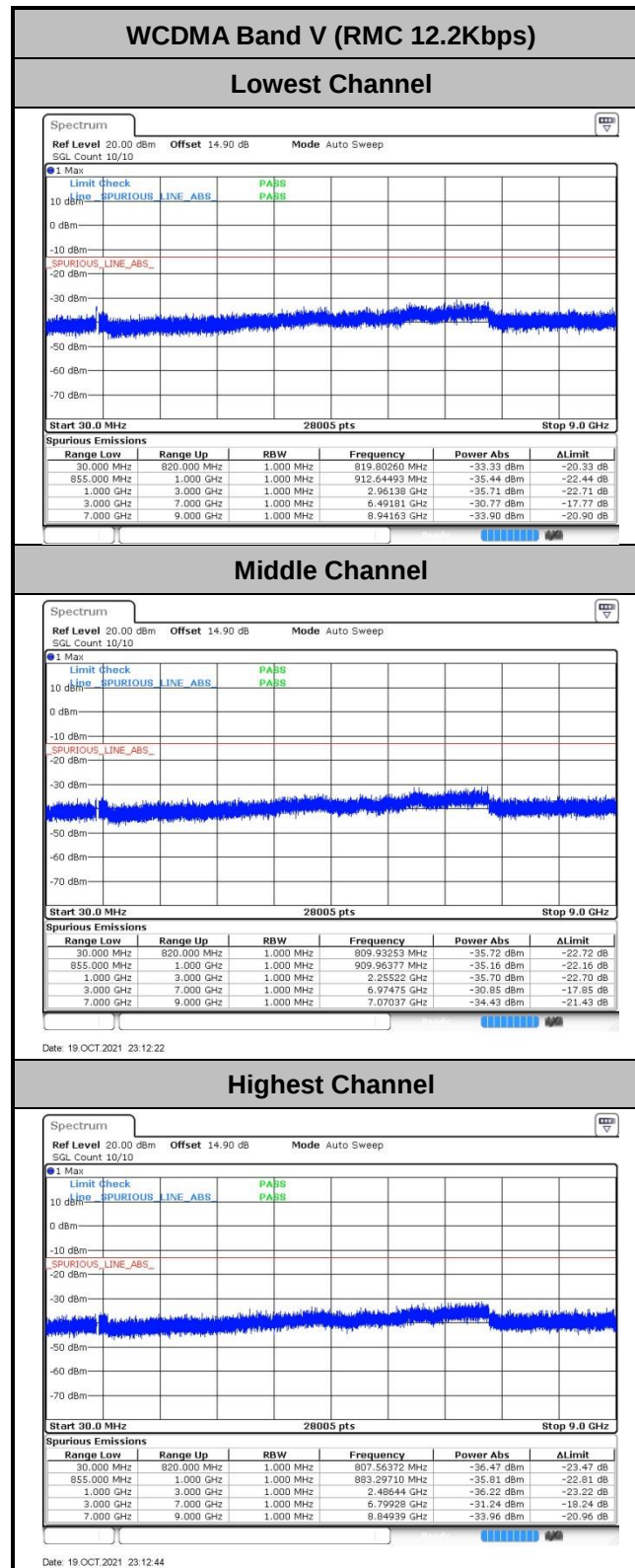




Conducted Spurious Emission



**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0377	
30	Normal Voltage	0.0485	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0344	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0325	
20	Maximum Voltage	0.0418	
20	Normal Voltage	0.0176	
20	Battery End Point	0.0063	

Note: Normal Voltage = 3.87V ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.45V



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

GSM850 (GSM)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-60.05	-13	-47.05	-67.02	1.58	10.70	H
	2472	-59.33	-13	-46.33	-67.58	2.102	12.50	H
	3296	-58.92	-13	-45.92	-67.81	2.856	13.90	H
	1648	-62.76	-13	-49.76	-69.73	1.58	10.70	V
	2472	-57.80	-13	-44.80	-66.05	2.10	12.50	V
	3296	-59.22	-13	-46.22	-68.11	2.86	13.90	V
Middle	1672	-61.46	-13	-48.46	-68.43	1.58	10.70	H
	2510	-55.54	-13	-42.54	-63.79	2.102	12.50	H
	3348	-61.56	-13	-48.56	-70.45	2.856	13.90	H
	1672	-58.15	-13	-45.15	-65.12	1.58	10.70	V
	2510	-53.08	-13	-40.08	-61.33	2.10	12.50	V
	3348	-61.54	-13	-48.54	-70.43	2.86	13.90	V
Highest	1696	-59.80	-13	-46.80	-66.77	1.58	10.70	H
	2544	-59.08	-13	-46.08	-67.33	2.102	12.50	H
	3392	-58.61	-13	-45.61	-67.50	2.856	13.90	H
	1696	-58.37	-13	-45.37	-65.34	1.58	10.70	V
	2544	-55.43	-13	-42.43	-63.68	2.10	12.50	V
	3392	-59.62	-13	-46.62	-68.51	2.86	13.90	V



GSM850 (EDGE)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-60.48	-13	-47.48	-67.45	1.58	10.70	H
	2472	-58.48	-13	-45.48	-66.73	2.102	12.50	H
	3296	-59.11	-13	-46.11	-68.00	2.856	13.90	H
	1648	-60.74	-13	-47.74	-67.71	1.58	10.70	V
	2472	-57.63	-13	-44.63	-65.88	2.10	12.50	V
	3296	-59.08	-13	-46.08	-67.97	2.86	13.90	V
Middle	1672	-60.97	-13	-47.97	-67.94	1.58	10.70	H
	2510	-56.46	-13	-43.46	-64.71	2.102	12.50	H
	3348	-61.58	-13	-48.58	-70.47	2.856	13.90	H
	1672	-61.98	-13	-48.98	-68.95	1.58	10.70	V
	2510	-57.67	-13	-44.67	-65.92	2.10	12.50	V
	3348	-61.52	-13	-48.52	-70.41	2.86	13.90	V
Highest	1696	-58.44	-13	-45.44	-65.41	1.58	10.70	H
	2544	-57.84	-13	-44.84	-66.09	2.102	12.50	H
	3392	-59.57	-13	-46.57	-68.46	2.856	13.90	H
	1696	-59.98	-13	-46.98	-66.95	1.58	10.70	V
	2544	-58.44	-13	-45.44	-66.69	2.10	12.50	V
	3392	-59.86	-13	-46.86	-68.75	2.86	13.90	V

WCDMA Band V(RMC 12.2Kbps)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1656	-63.85	-13	-50.85	-70.82	1.58	10.70	H
	2480	-59.33	-13	-46.33	-67.58	2.102	12.50	H
	3304	-58.64	-13	-45.64	-67.53	2.856	13.90	H
	1656	-62.87	-13	-49.87	-69.84	1.58	10.70	V
	2480	-57.99	-13	-44.99	-66.24	2.10	12.50	V
	3304	-58.48	-13	-45.48	-67.37	2.86	13.90	V
Middle	1672	-66.24	-13	-53.24	-73.21	1.58	10.70	H
	2510	-61.39	-13	-48.39	-69.64	2.102	12.50	H
	3348	-61.13	-13	-48.13	-70.02	2.856	13.90	H
	1672	-65.50	-13	-52.50	-72.47	1.58	10.70	V
	2510	-60.93	-13	-47.93	-69.18	2.10	12.50	V
	3348	-61.21	-13	-48.21	-70.10	2.86	13.90	V
Highest	1696	-63.90	-13	-50.90	-70.87	1.58	10.70	H
	2536	-58.65	-13	-45.65	-66.90	2.102	12.50	H
	3384	-59.51	-13	-46.51	-68.40	2.856	13.90	H
	1696	-63.01	-13	-50.01	-69.98	1.58	10.70	V
	2536	-58.28	-13	-45.28	-66.53	2.10	12.50	V
	3384	-59.27	-13	-46.27	-68.16	2.86	13.90	V



GSM1900 (GSM)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3699	-52.91	-13	-39.91	-65.17	2.641	14.90	H
	5550	-51.98	-13	-38.98	-63.84	2.94	14.80	H
	7404	-51.20	-13	-38.20	-60.97	3.39	13.16	H
	3699	-53.51	-13	-40.51	-65.77	2.64	14.90	V
	5550	-52.95	-13	-39.95	-64.81	2.94	14.80	V
	7404	-51.32	-13	-38.32	-61.09	3.39	13.16	V
Middle	3759	-58.44	-13	-45.44	-70.70	2.641	14.90	H
	5640	-56.97	-13	-43.97	-68.83	2.94	14.80	H
	7524	-54.65	-13	-41.65	-64.42	3.39	13.16	H
	3759	-57.92	-13	-44.92	-70.18	2.64	14.90	V
	5640	-56.80	-13	-43.80	-68.66	2.94	14.80	V
	7524	-54.16	-13	-41.16	-63.93	3.39	13.16	V
Highest	3819	-55.58	-13	-42.58	-67.84	2.641	14.90	H
	5730	-51.95	-13	-38.95	-63.81	2.94	14.80	H
	7644	-50.91	-13	-37.91	-60.68	3.39	13.16	H
	3819	-56.39	-13	-43.39	-68.65	2.64	14.90	V
	5730	-52.14	-13	-39.14	-64.00	2.94	14.80	V
	7644	-50.88	-13	-37.88	-60.65	3.39	13.16	V



GSM1900 (EDGE)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3699	-58.37	-13	-45.37	-70.63	2.641	14.90	H
	5550	-56.25	-13	-43.25	-68.11	2.94	14.80	H
	7404	-54.71	-13	-41.71	-64.48	3.39	13.16	H
	3699	-58.25	-13	-45.25	-70.51	2.64	14.90	V
	5550	-56.11	-13	-43.11	-67.97	2.94	14.80	V
	7404	-54.78	-13	-41.78	-64.55	3.39	13.16	V
Middle	3759	-58.26	-13	-45.26	-70.52	2.641	14.90	H
	5640	-55.91	-13	-42.91	-67.77	2.94	14.80	H
	7524	-54.42	-13	-41.42	-64.19	3.39	13.16	H
	3759	-57.95	-13	-44.95	-70.21	2.64	14.90	V
	5640	-55.65	-13	-42.65	-67.51	2.94	14.80	V
	7524	-54.45	-13	-41.45	-64.22	3.39	13.16	V
Highest	3819	-56.35	-13	-43.35	-68.61	2.641	14.90	H
	5727	-54.22	-13	-41.22	-66.08	2.94	14.80	H
	7632	-51.02	-13	-38.02	-60.79	3.39	13.16	H
	3818	-56.02	-13	-43.02	-68.28	2.64	14.90	V
	5727	-54.14	-13	-41.14	-66.00	2.94	14.80	V
	7632	-50.73	-13	-37.73	-60.50	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

————THE END————