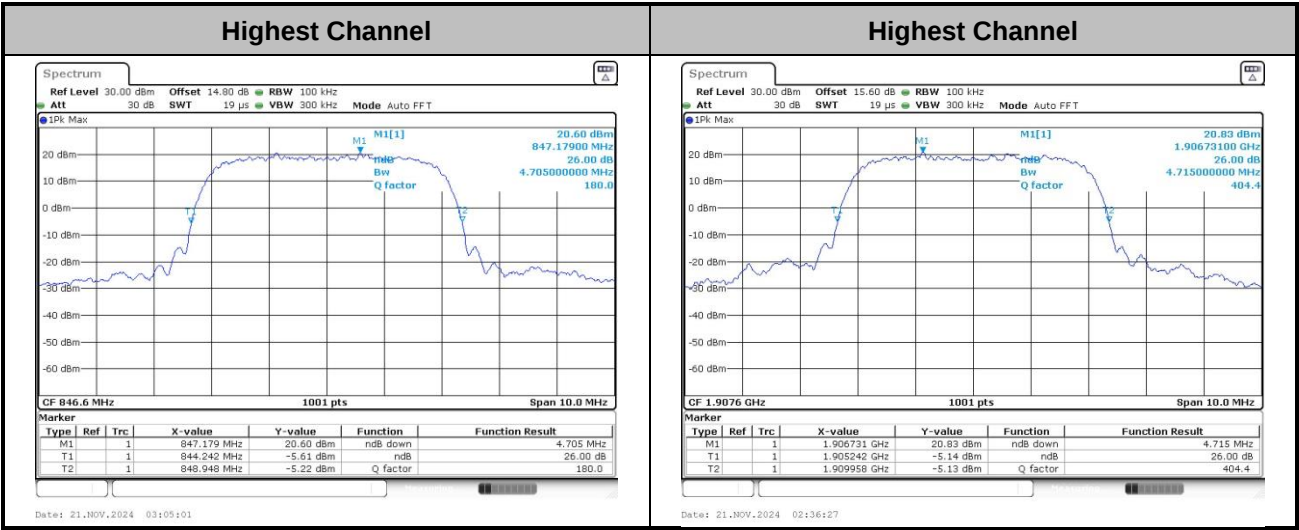
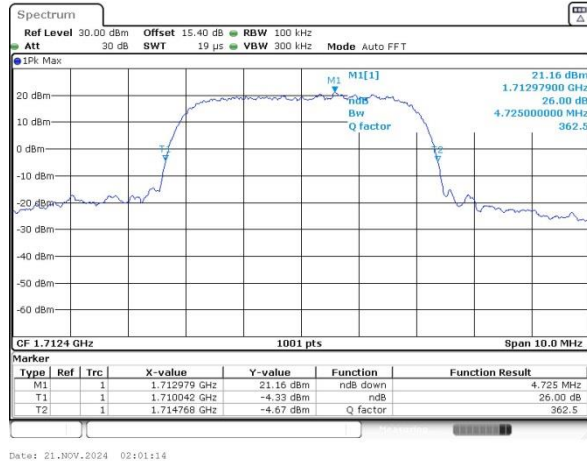




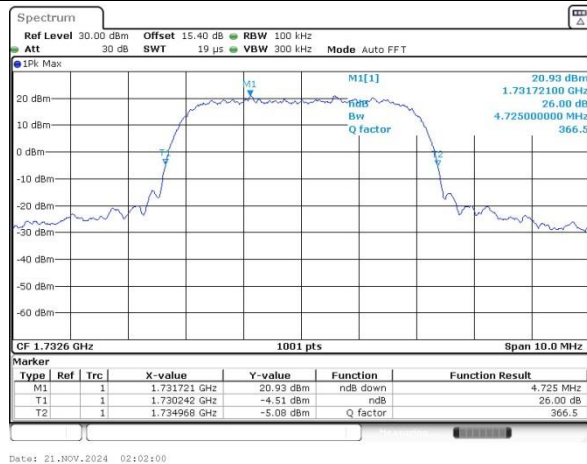


WCDMA Band IV (RMC 12.2Kbps)

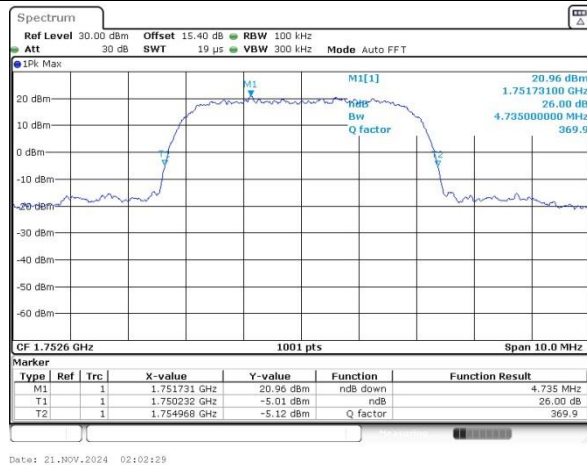
Lowest Channel



Middle Channel



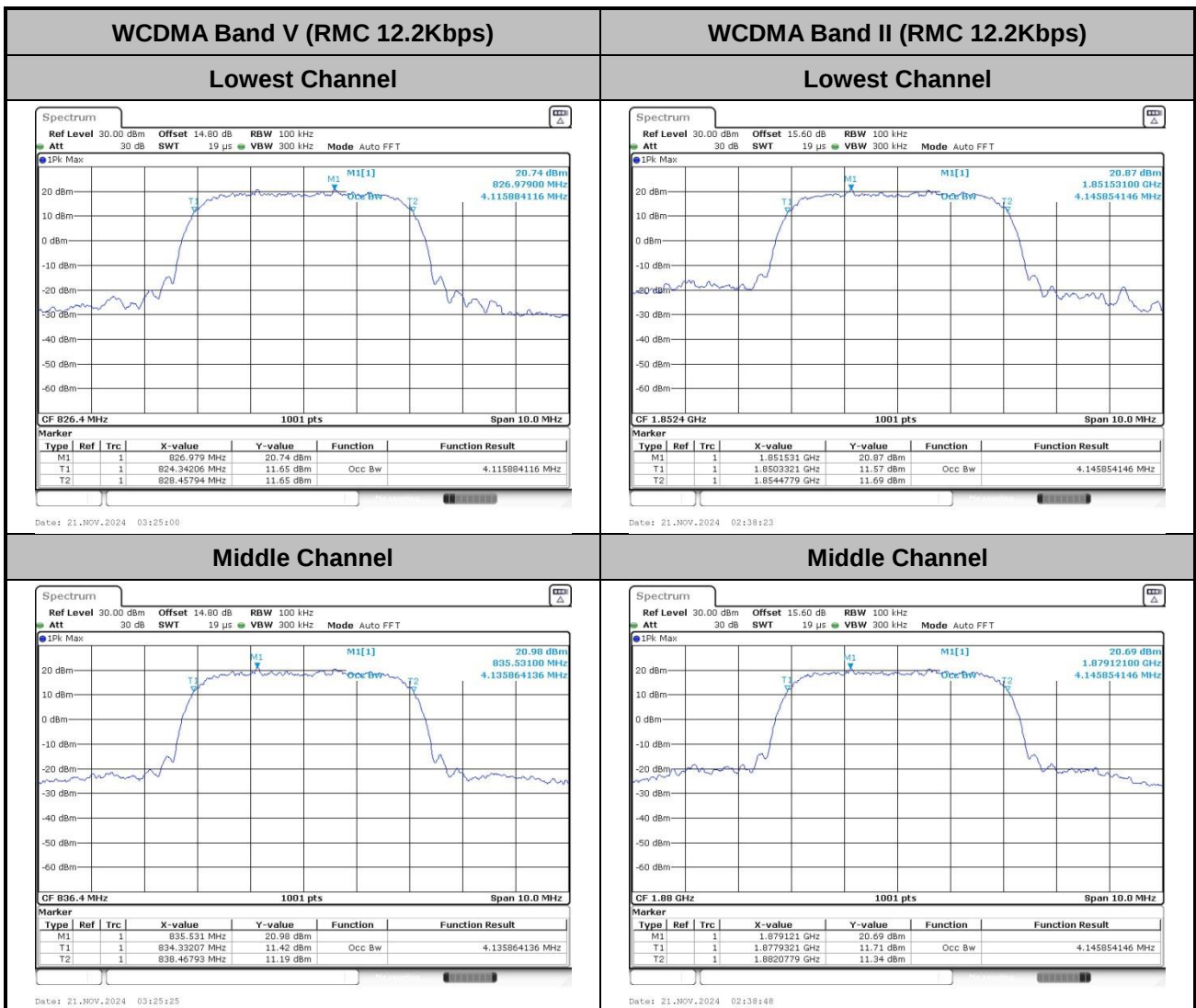
Highest Channel





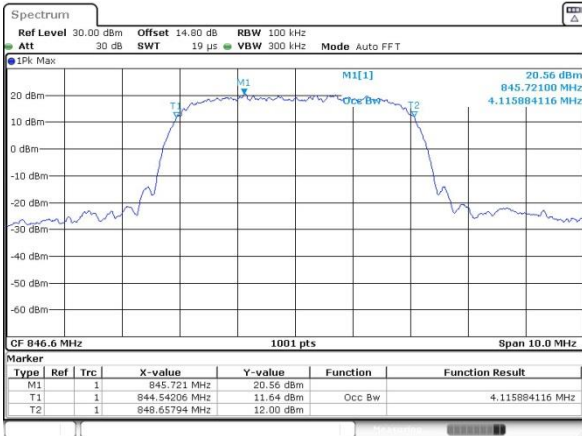
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.12	4.15	4.12
Middle CH	4.14	4.15	4.14
Highest CH	4.12	4.15	4.12



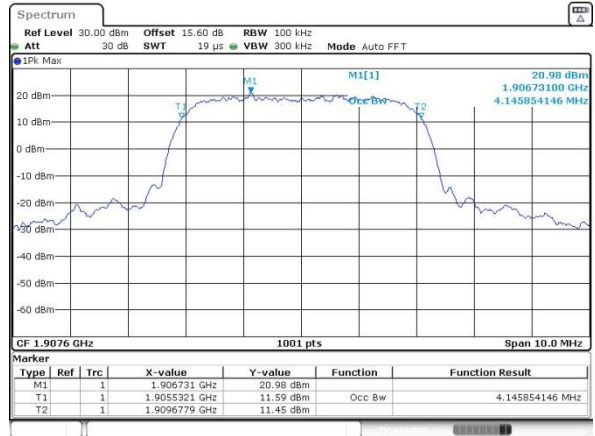


Highest Channel



Date: 21.NOV.2024 03:25:49

Highest Channel

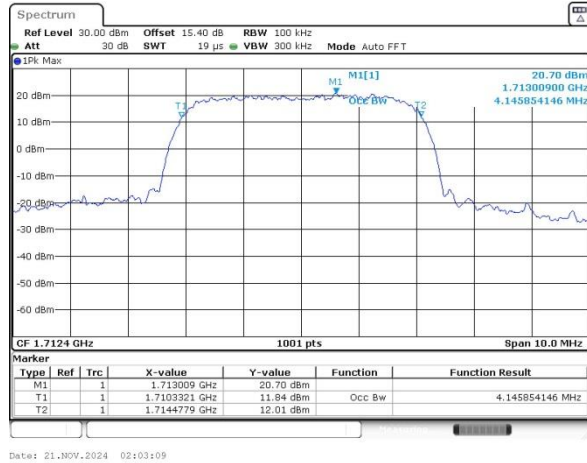


Date: 21.NOV.2024 02:39:38

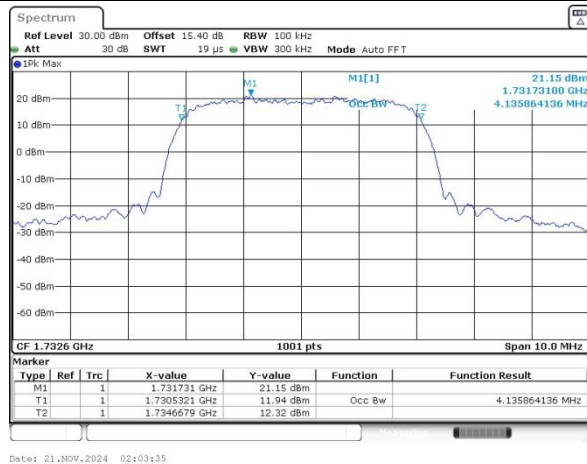


WCDMA Band IV (RMC 12.2Kbps)

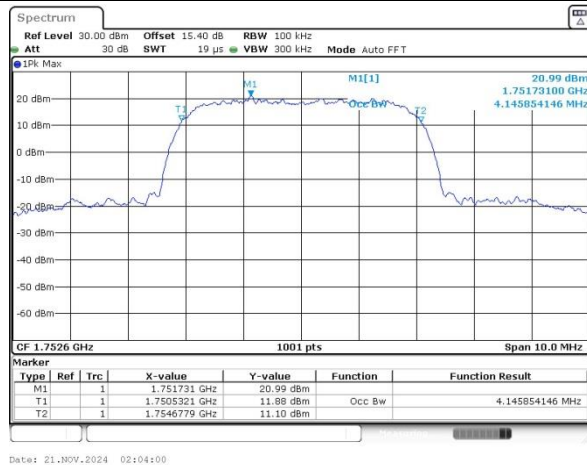
Lowest Channel

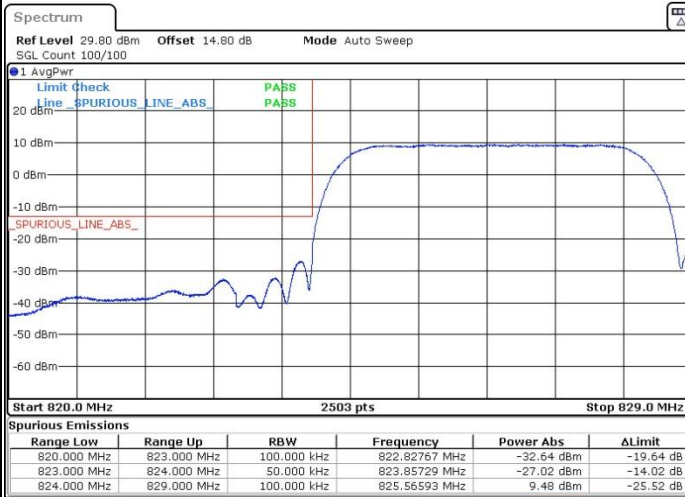
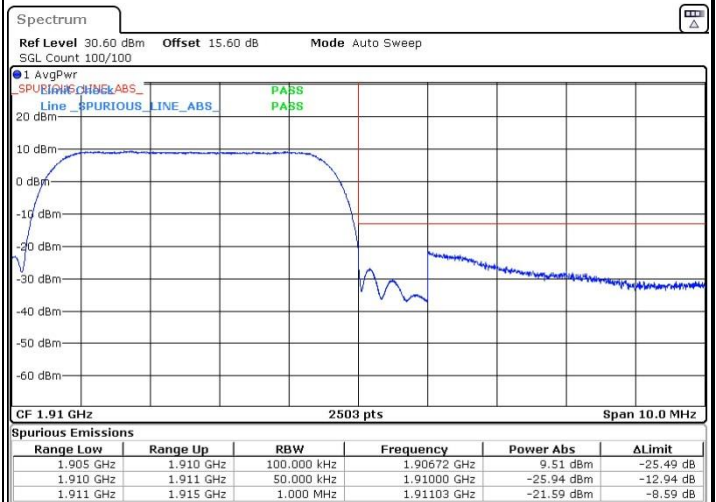


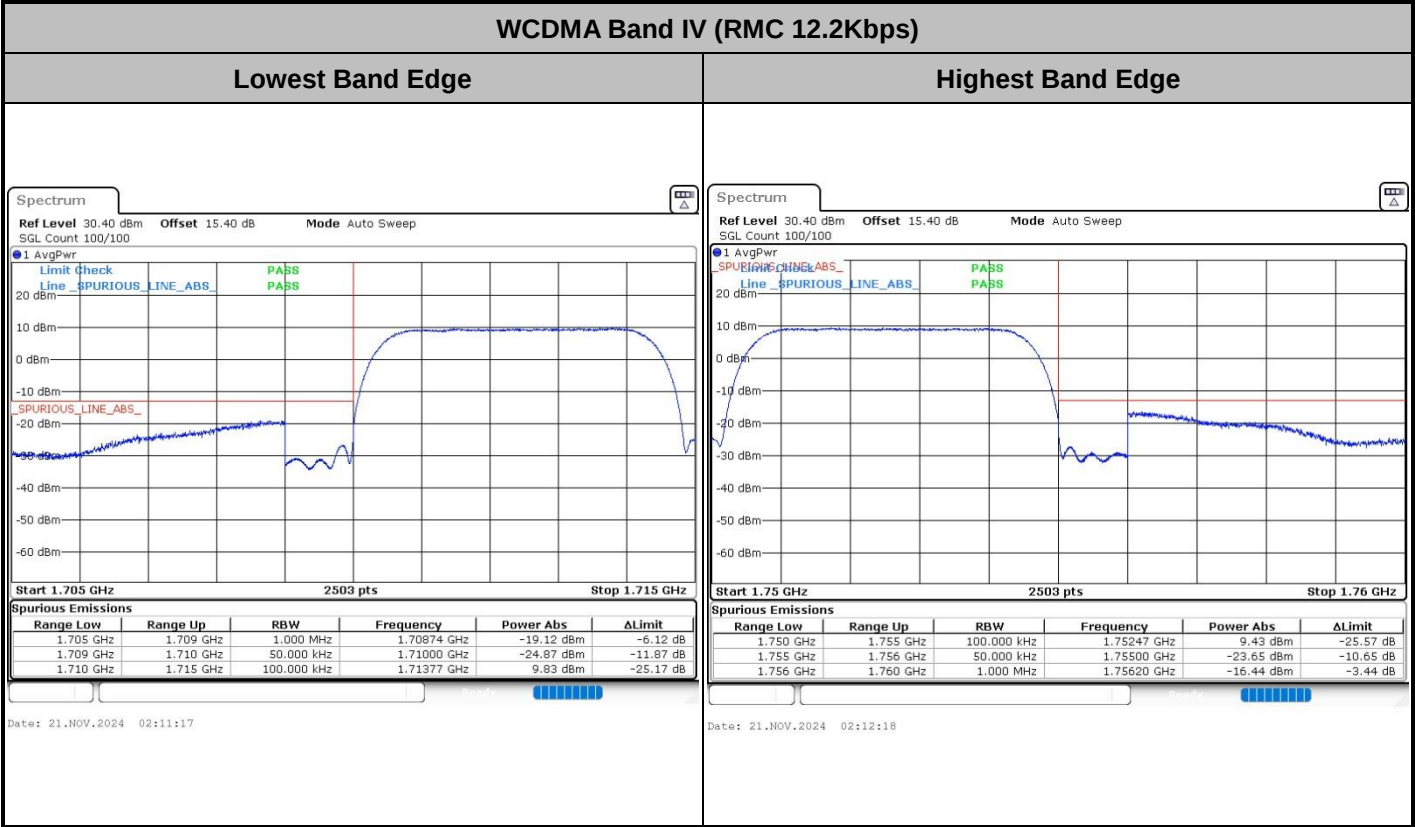
Middle Channel



Highest Channel



**Conducted Band Edge****WCDMA Band V (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge****WCDMA Band II (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge**

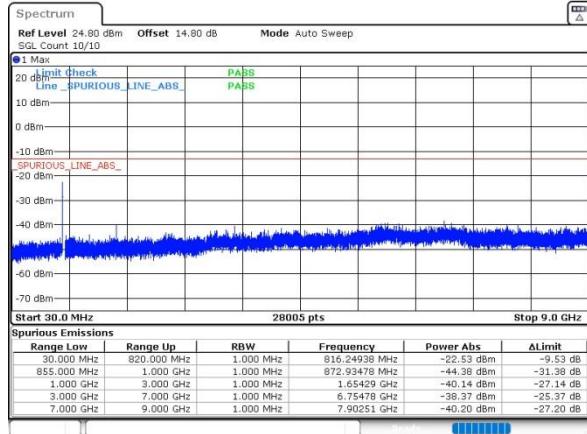




Conducted Spurious Emission

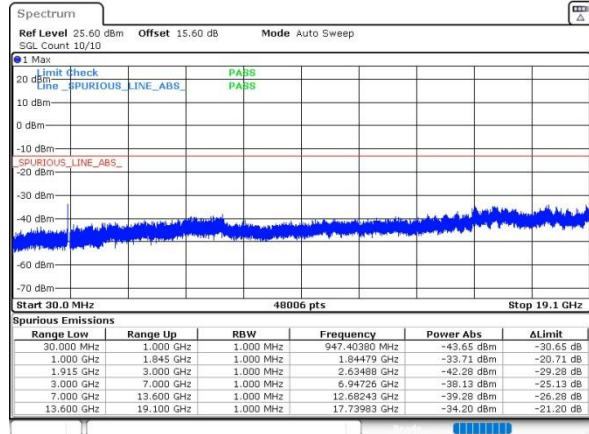
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

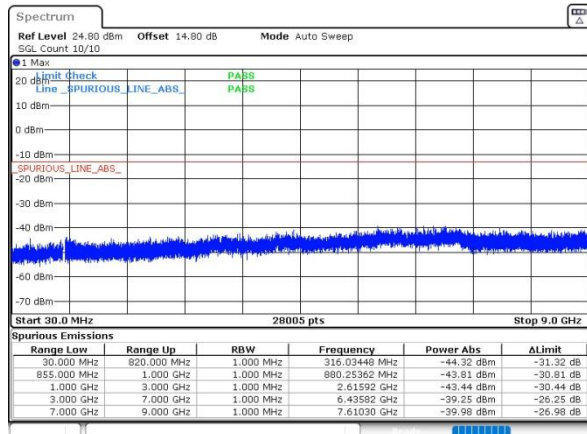


WCDMA Band II (RMC 12.2Kbps)

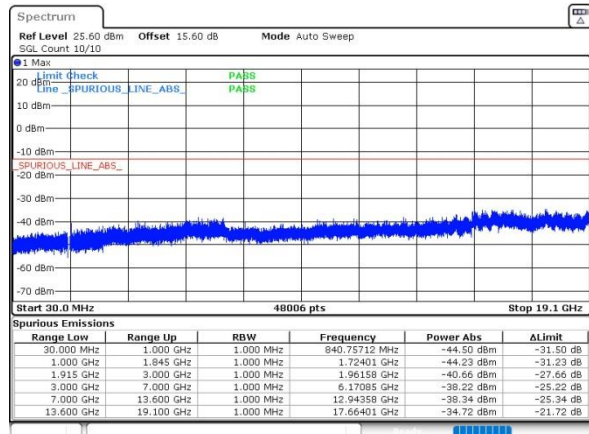
Lowest Channel



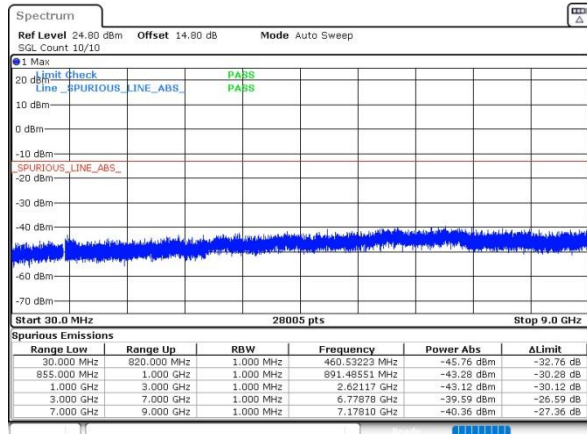
Middle Channel



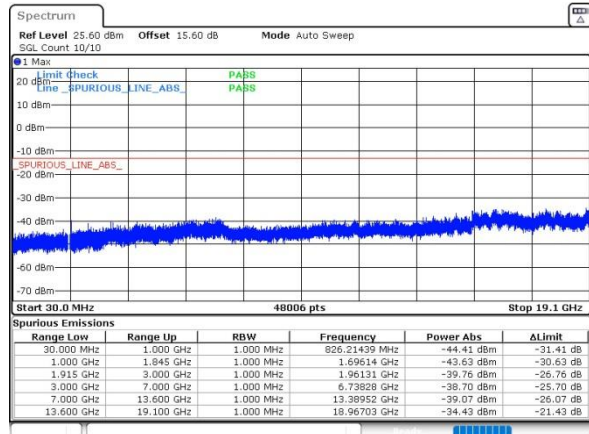
Middle Channel



Highest Channel



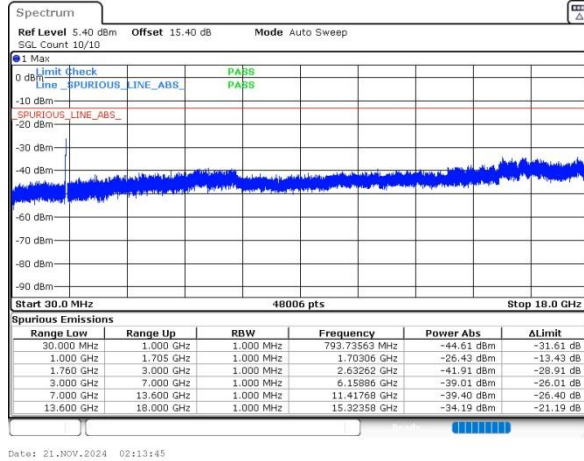
Highest Channel



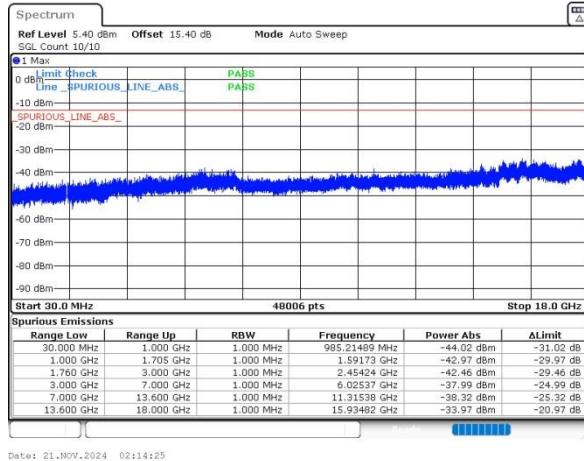


WCDMA Band IV (RMC 12.2Kbps)

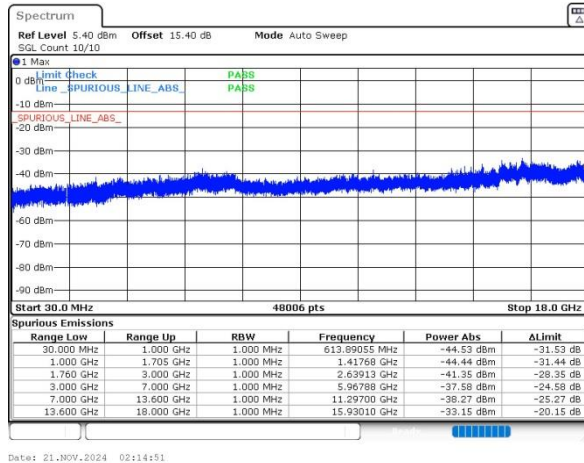
Lowest Channel



Middle Channel



Highest Channel



**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	0.0025	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0424	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0235	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0313	
20	Maximum Voltage	0.0436	
20	Normal Voltage	0.0247	
20	Battery End Point	0.0026	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0264	PASS
40	Normal Voltage	0.0125	
30	Normal Voltage	0.0118	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0258	
0	Normal Voltage	0.0116	
-10	Normal Voltage	0.0295	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0116	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0114	
20	Battery End Point	0.0016	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0133	
30	Normal Voltage	0.0052	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0112	
-20	Normal Voltage	0.0112	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage = 3.69V ; Battery End Point (BEP) =3.3V. ; Maximum Voltage =4.1V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

GSM850 (GSM) / ANT 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-56.98	-13	-43.98	-63.95	1.58	10.70	H
	2512	-41.24	-13	-28.24	-49.49	2.102	12.50	H
	3344	-59.06	-13	-46.06	-67.95	2.856	13.90	H
	1672	-60.17	-13	-47.17	-67.14	1.58	10.70	V
	2512	-45.68	-13	-32.68	-53.93	2.10	12.50	V
	3344	-58.88	-13	-45.88	-67.77	2.86	13.90	V

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

GSM850 (EDGE 1 Tx slots) / ANT 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-63.72	-13	-50.72	-70.69	1.58	10.70	H
	2512	-59.38	-13	-46.38	-67.63	2.102	12.50	H
	3344	-59.00	-13	-46.00	-67.89	2.856	13.90	H
	1672	-62.76	-13	-49.76	-69.73	1.58	10.70	V
	2512	-58.78	-13	-45.78	-67.03	2.10	12.50	V
	3344	-58.90	-13	-45.90	-67.79	2.86	13.90	V

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

GSM1900 (GSM) / ANT 5								
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)
Middle	3765	-58.68	-13	-45.68	-70.94	2.64	14.90	H
	5640	-57.59	-13	-44.59	-69.45	2.94	14.80	H
	7515	-53.91	-13	-40.91	-63.68	3.39	13.16	H
	3765	-56.50	-13	-43.50	-68.76	2.64	14.90	V
	5640	-58.60	-13	-45.60	-70.46	2.94	14.80	V
	7515	-53.32	-13	-40.32	-63.09	3.39	13.16	V

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

GSM1900 (EDGE 1 Tx slots) / ANT 5								
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)
Middle	3765	-58.59	-13	-45.59	-70.85	2.64	14.90	H
	5640	-57.83	-13	-44.83	-69.69	2.94	14.80	H
	7515	-53.71	-13	-40.71	-63.48	3.39	13.16	H
	3765	-58.49	-13	-45.49	-70.75	2.64	14.90	V
	5640	-58.32	-13	-45.32	-70.18	2.94	14.80	V
	7515	-53.86	-13	-40.86	-63.63	3.39	13.16	V

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

WCDMA Band V(RMC 12.2Kbps) / ANT 0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-61.79	-13	-48.79	-68.76	1.58	10.70	H
	2512	-59.79	-13	-46.79	-68.04	2.102	12.50	H
	3344	-58.91	-13	-45.91	-67.80	2.856	13.90	H
	1672	-61.66	-13	-48.66	-68.63	1.58	10.70	V
	2512	-58.90	-13	-45.90	-67.15	2.10	12.50	V
	3344	-58.72	-13	-45.72	-67.61	2.86	13.90	V

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

WCDMA Band II(RMC 12.2Kbps) / ANT 5								
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)
Middle	3765	-58.71	-13	-45.71	-70.97	2.64	14.90	H
	5640	-57.67	-13	-44.67	-69.53	2.94	14.80	H
	7515	-53.76	-13	-40.76	-63.53	3.39	13.16	H
	3765	-58.25	-13	-45.25	-70.51	2.64	14.90	V
	5640	-57.96	-13	-44.96	-69.82	2.94	14.80	V
	7515	-53.82	-13	-40.82	-63.59	3.39	13.16	V

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

WCDMA Band IV(RMC 12.2Kbps) / ANT 5								
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)
Middle	3465	-58.81	-13	-45.81	-69.55	2.604	13.34	H
	5190	-57.56	-13	-44.56	-68.07	3.011	13.52	H
	6930	-56.65	-13	-43.65	-66.85	3.271	13.47	H
	3465	-58.98	-13	-45.98	-69.72	2.604	13.34	V
	5190	-57.67	-13	-44.67	-68.18	3.011	13.52	V
	6930	-56.61	-13	-43.61	-66.81	3.271	13.47	V

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