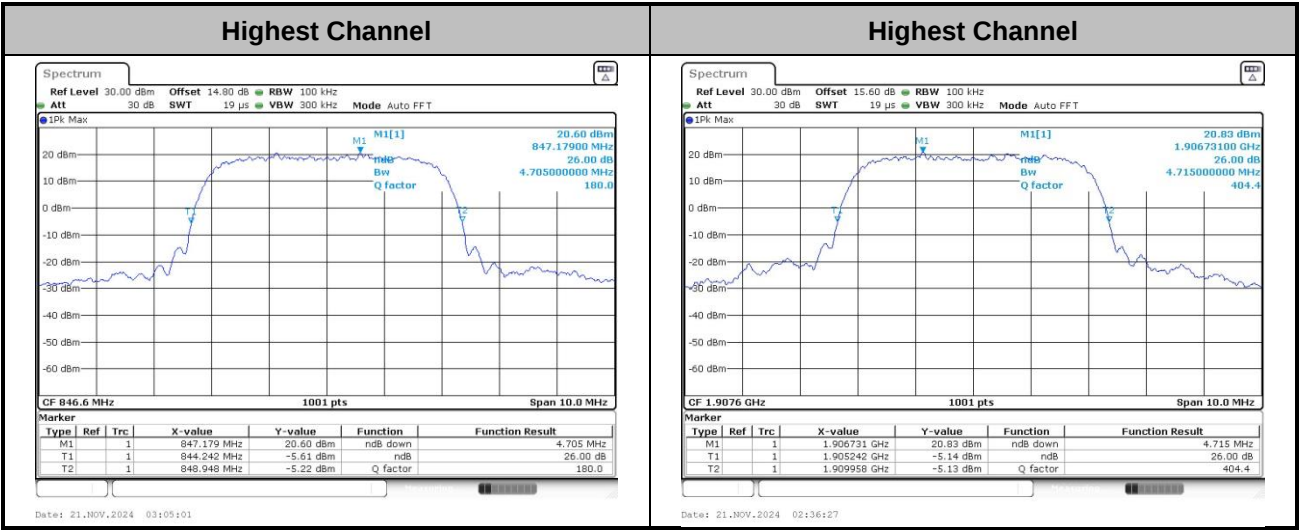
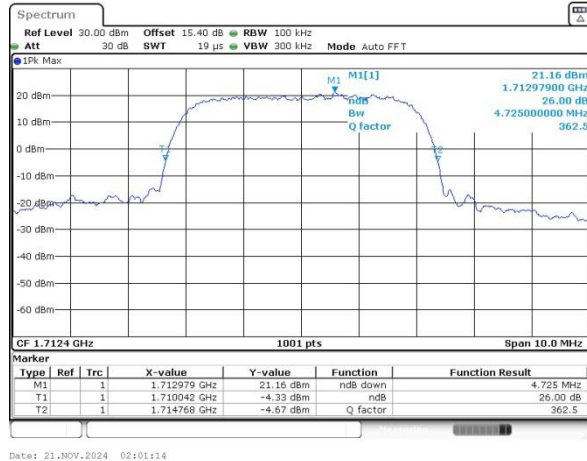




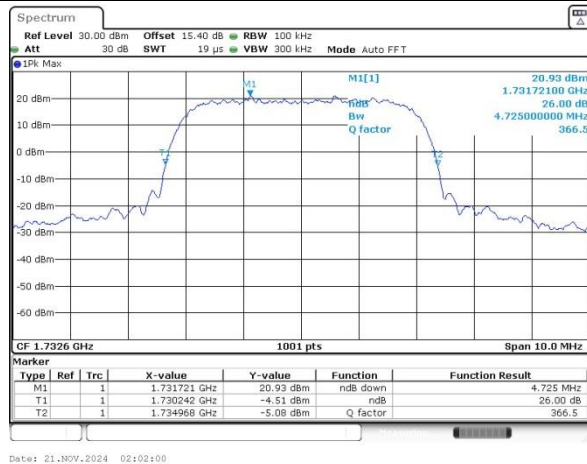


WCDMA Band IV (RMC 12.2Kbps)

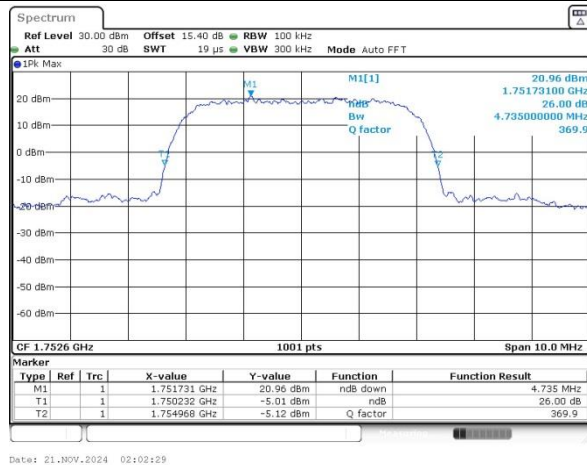
Lowest Channel



Middle Channel



Highest Channel



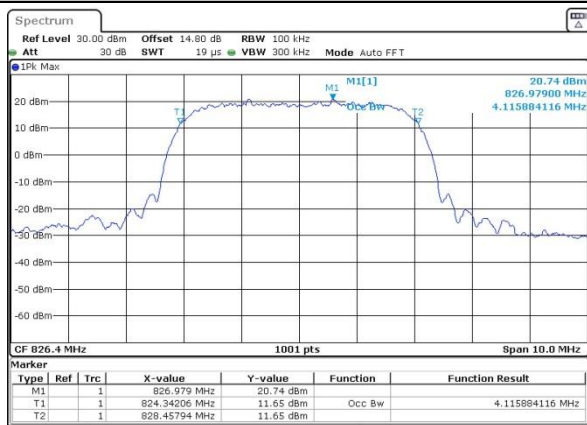


Occupied Bandwidth

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

WCDMA Band V (RMC 12.2Kbps)

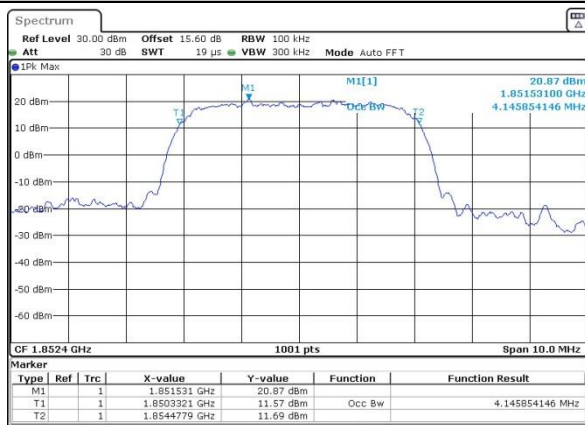
Lowest Channel



Date: 21.NOV.2024 03:25:00

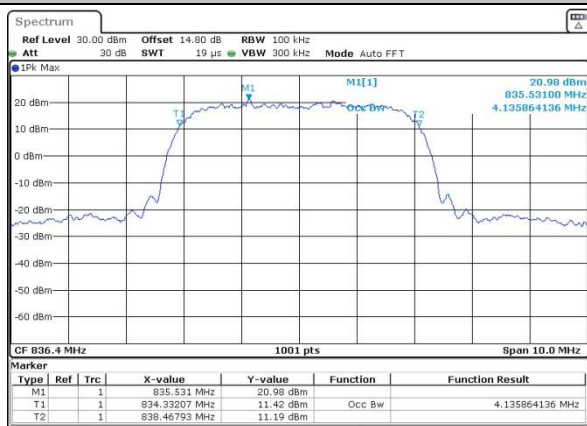
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



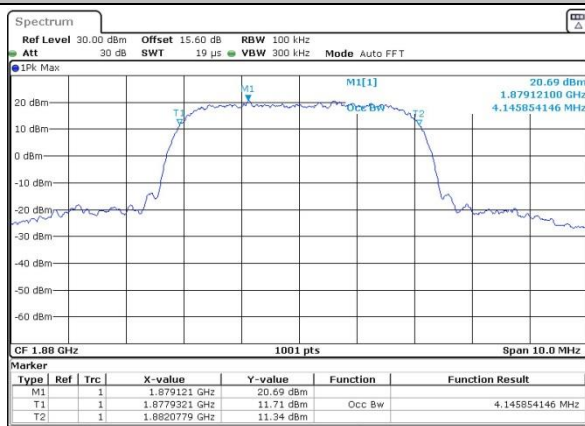
Date: 21.NOV.2024 02:38:23

Middle Channel

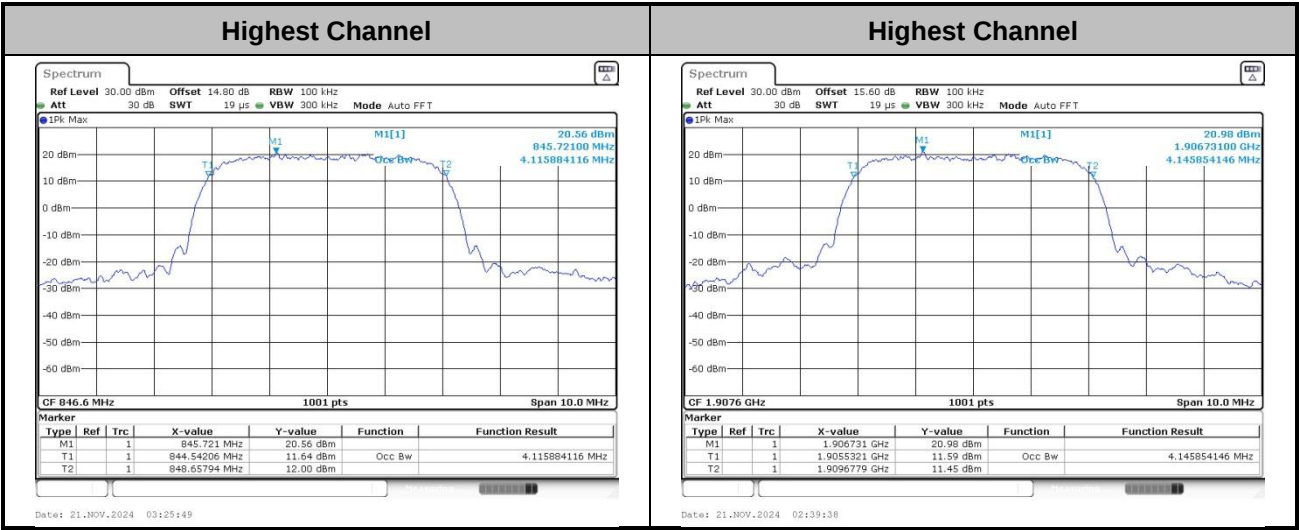


Date: 21.NOV.2024 03:25:25

Middle Channel



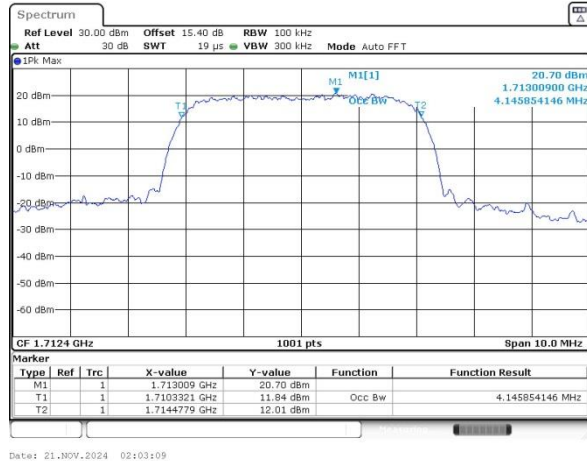
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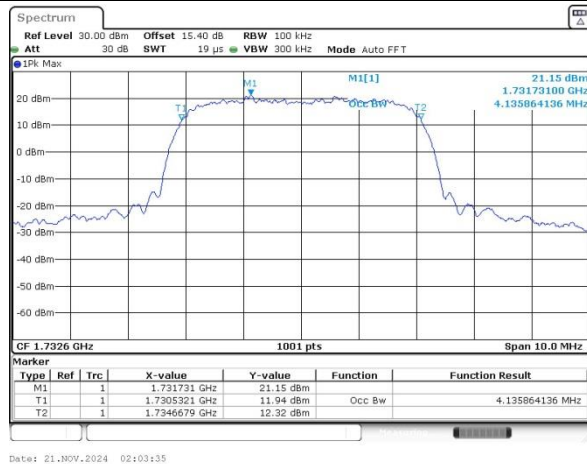


WCDMA Band IV (RMC 12.2Kbps)

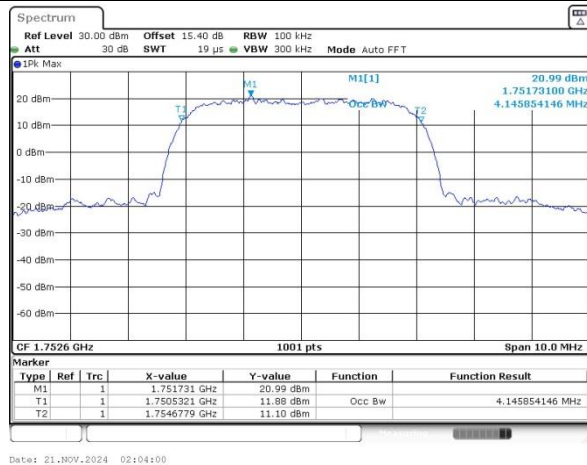
Lowest Channel

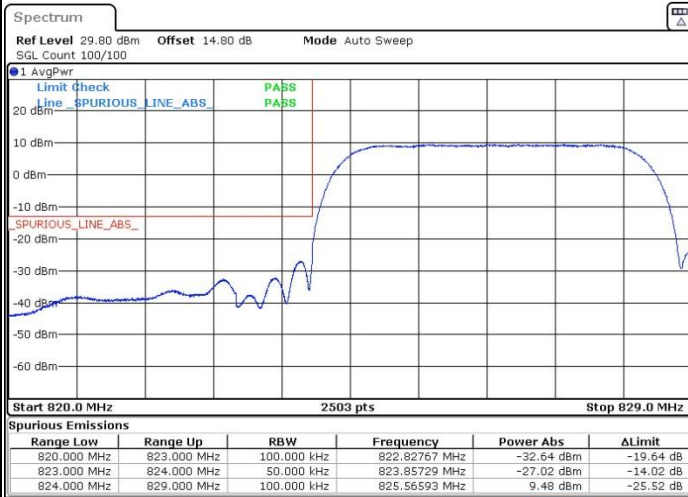
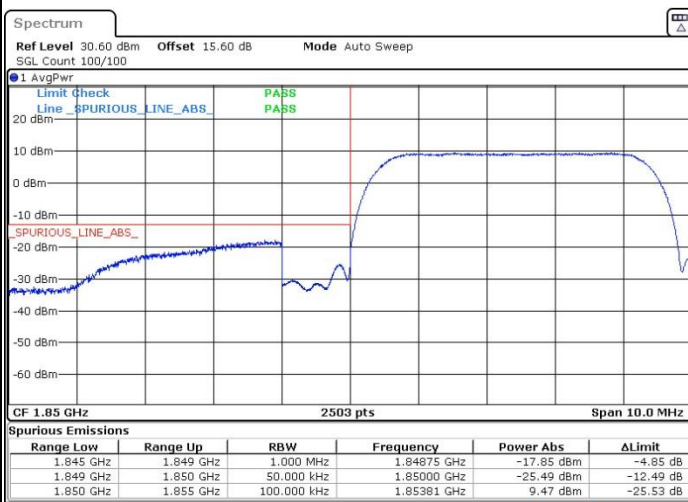
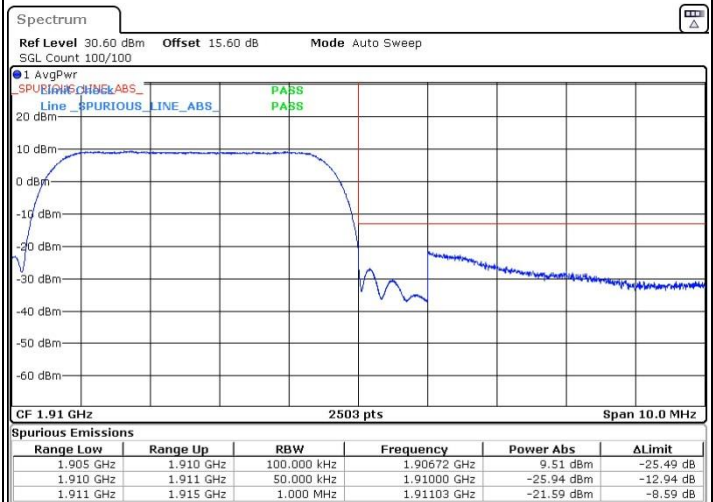


Middle Channel



Highest Channel

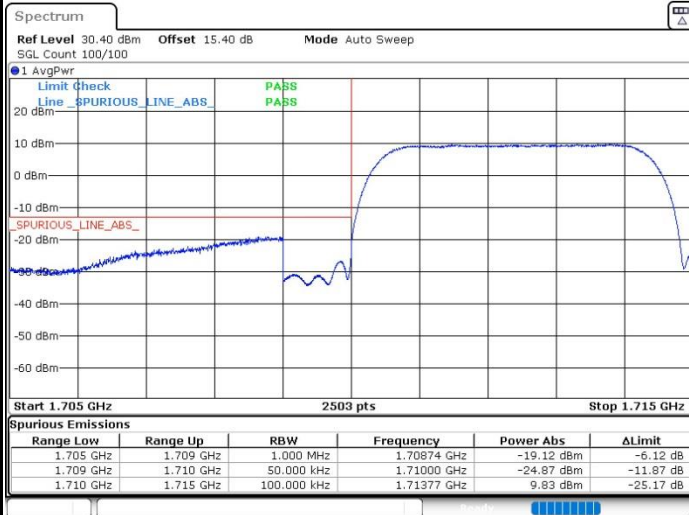


**Conducted Band Edge****WCDMA Band V (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge****WCDMA Band II (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge**



WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 21.NOV.2024 02:11:17

Highest Band Edge



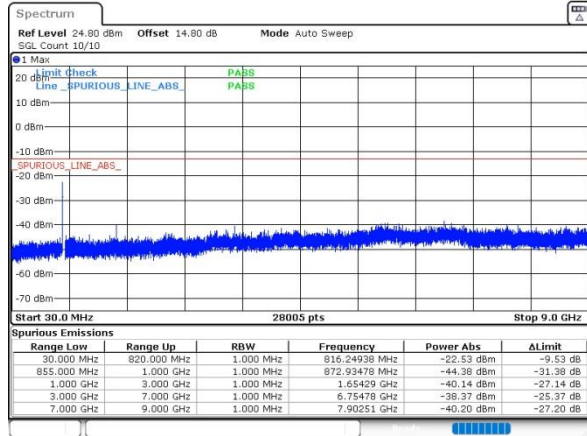
Date: 21.NOV.2024 02:12:18



Conducted Spurious Emission

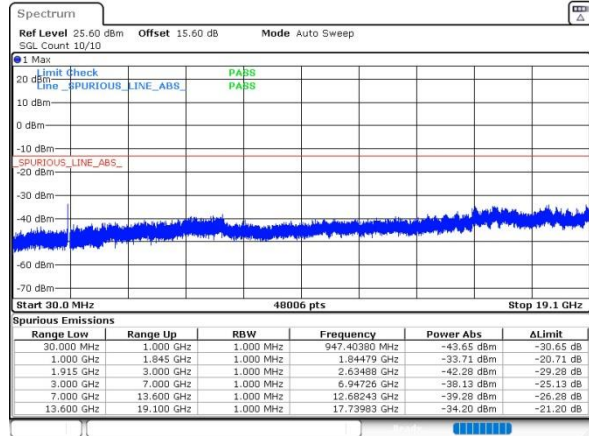
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

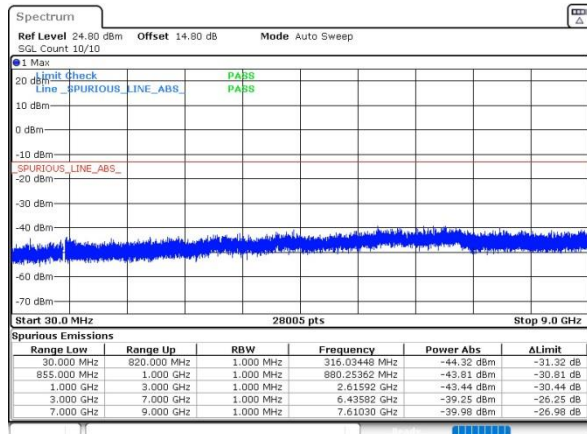


WCDMA Band II (RMC 12.2Kbps)

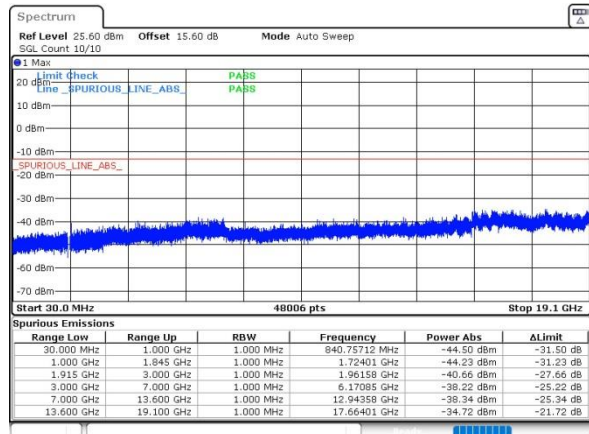
Lowest Channel



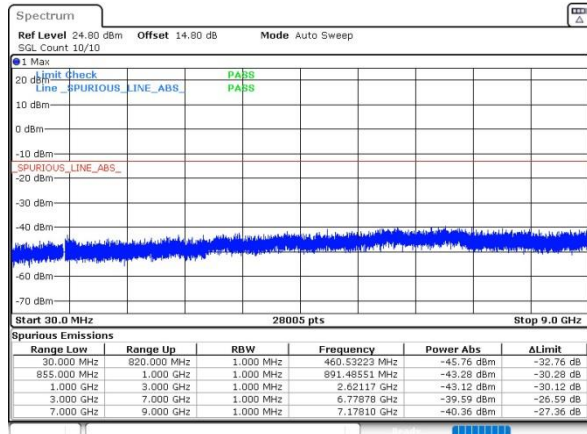
Middle Channel



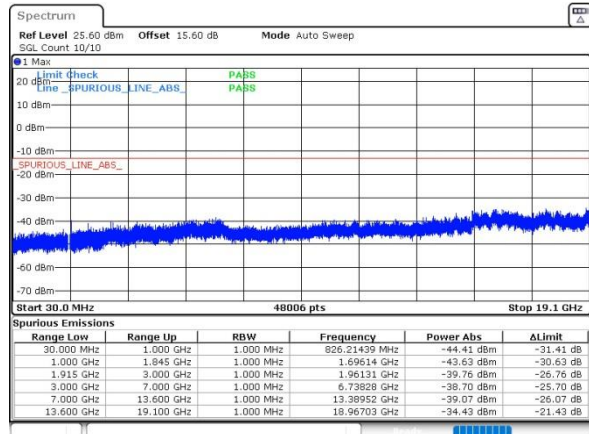
Middle Channel



Highest Channel



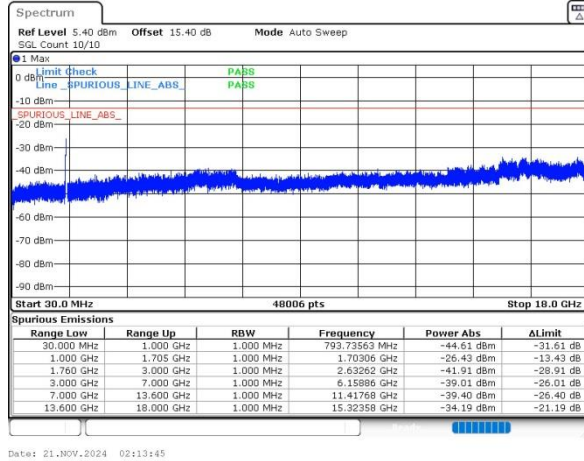
Highest Channel



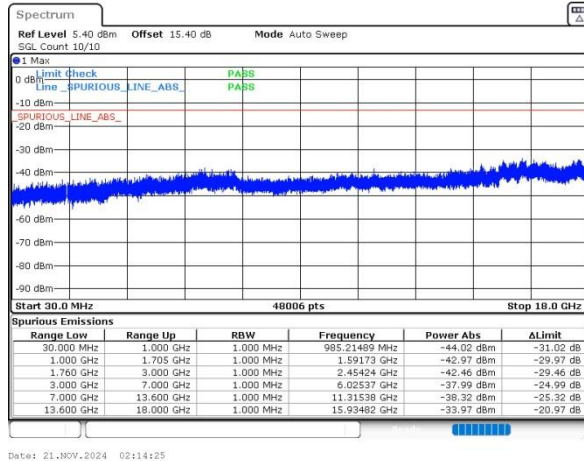


WCDMA Band IV (RMC 12.2Kbps)

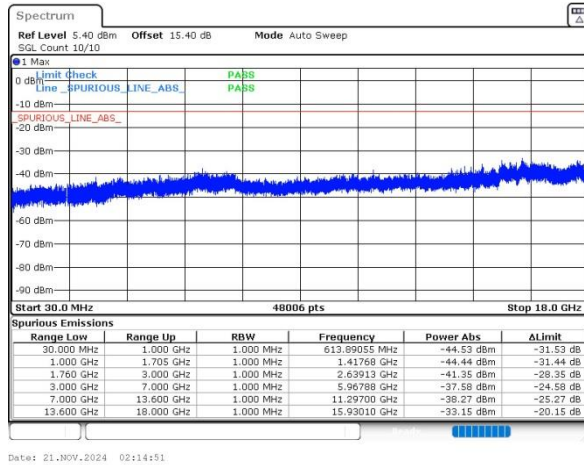
Lowest Channel



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