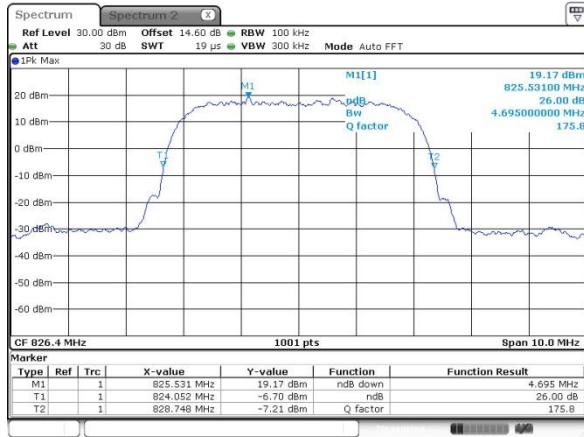




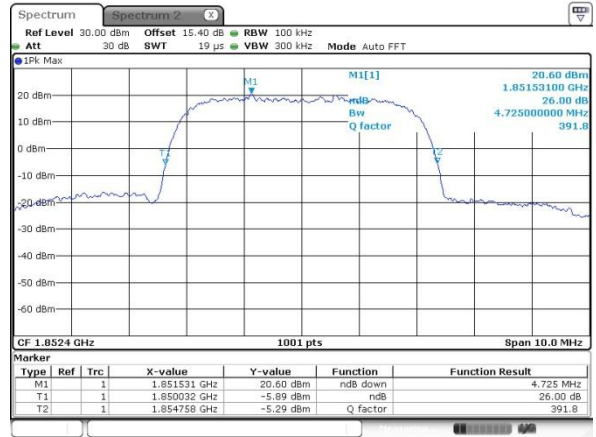
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

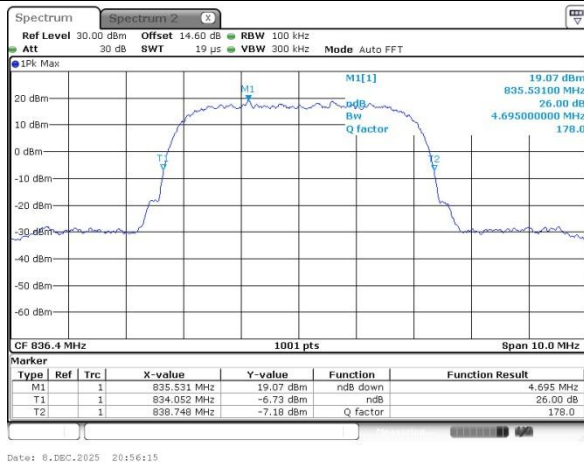


WCDMA Band II (RMC 12.2Kbps)

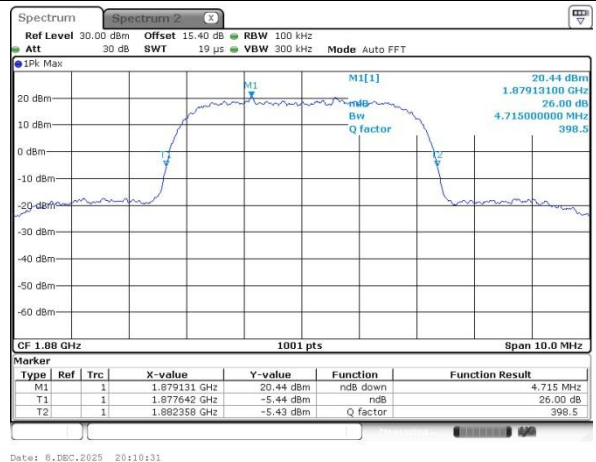
Lowest Channel



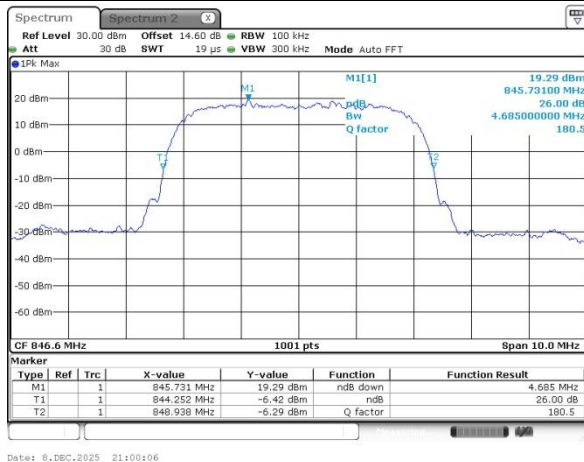
Middle Channel



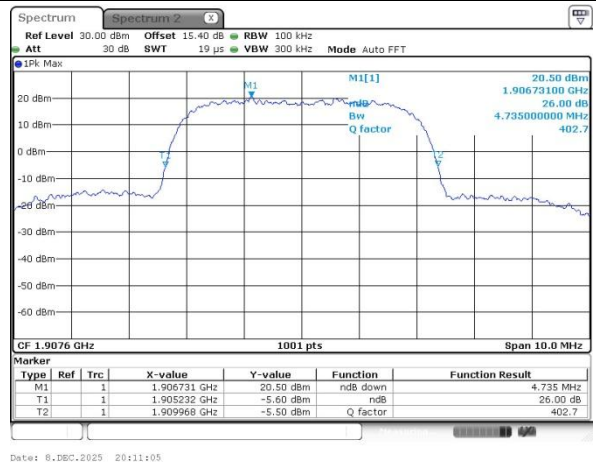
Middle Channel



Highest Channel



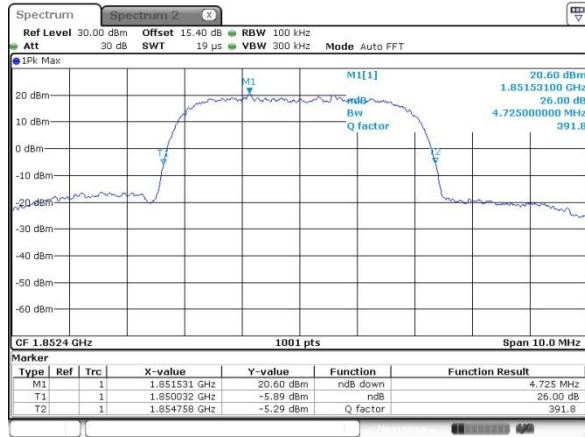
Highest Channel



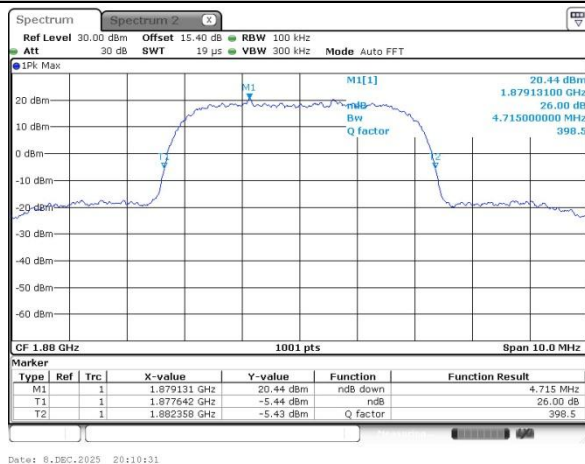


WCDMA Band IV (RMC 12.2Kbps)

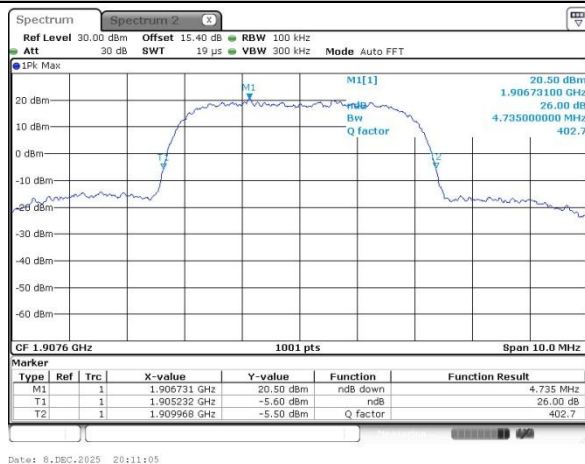
Lowest Channel



Middle Channel



Highest Channel





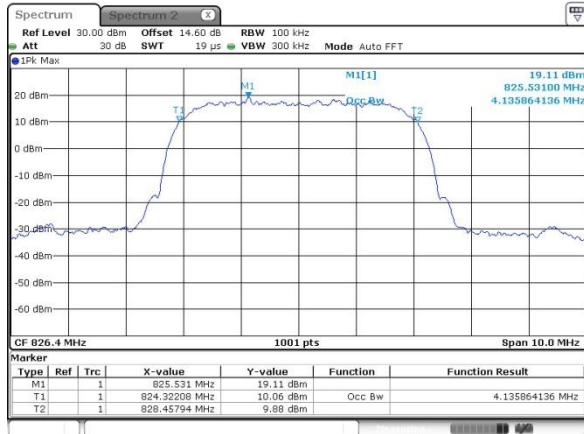
Occupied Bandwidth

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)	WCDMA Band IV(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.14	4.156	4.156
Middle CH	4.15	4.146	4.146
Highest CH	4.14	4.146	4.146



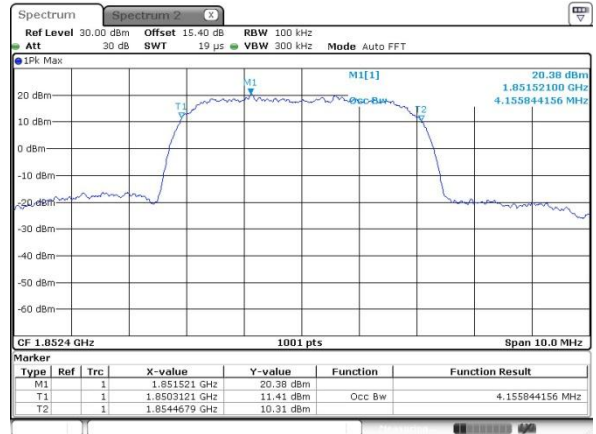
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

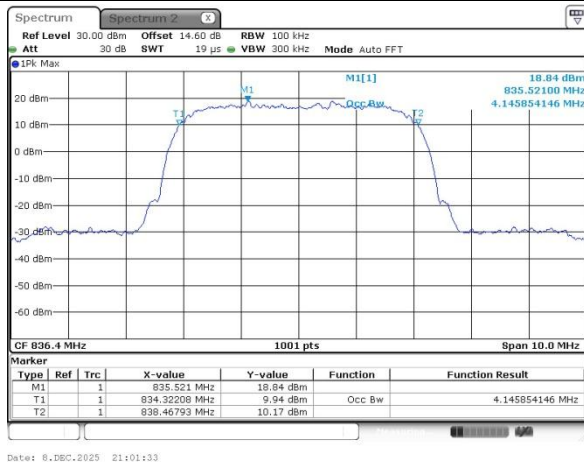


WCDMA Band II (RMC 12.2Kbps)

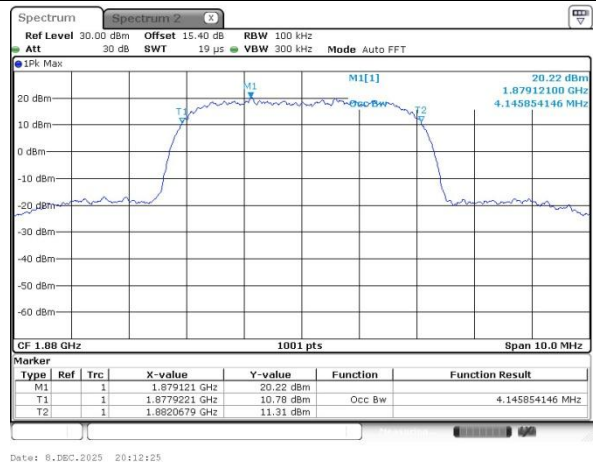
Lowest Channel



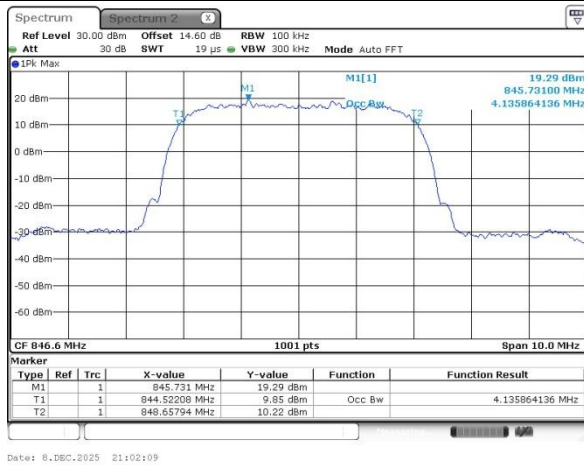
Middle Channel



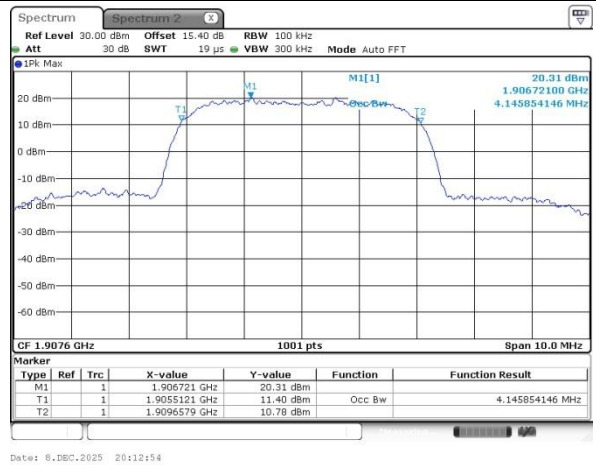
Middle Channel



Highest Channel



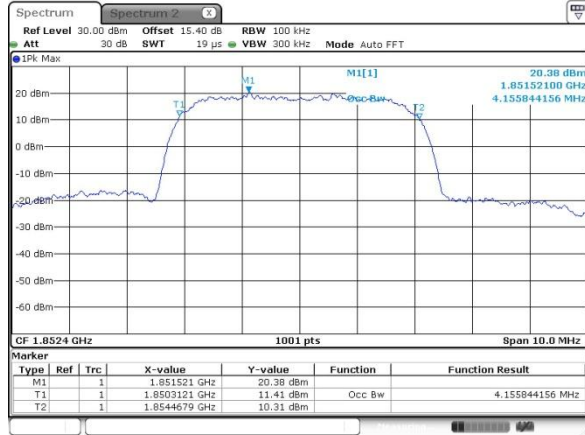
Highest Channel



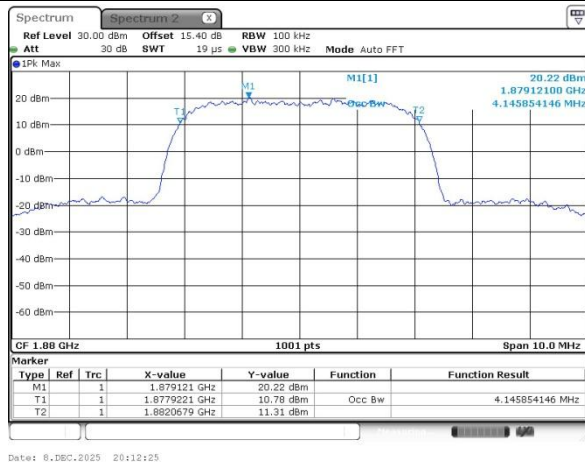


WCDMA Band IV (RMC 12.2Kbps)

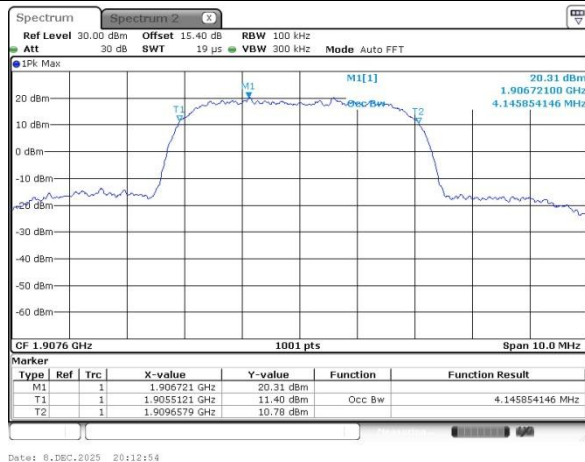
Lowest Channel

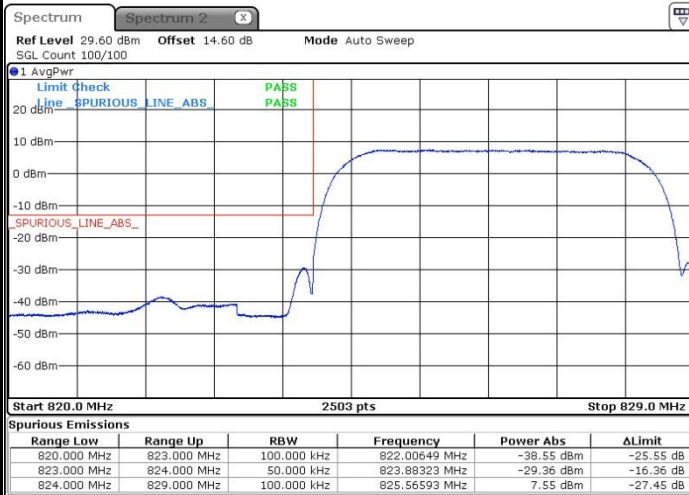


Middle Channel



Highest Channel



**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

Highest Band Edge



Date: 8.DEC.2025 20:17:36



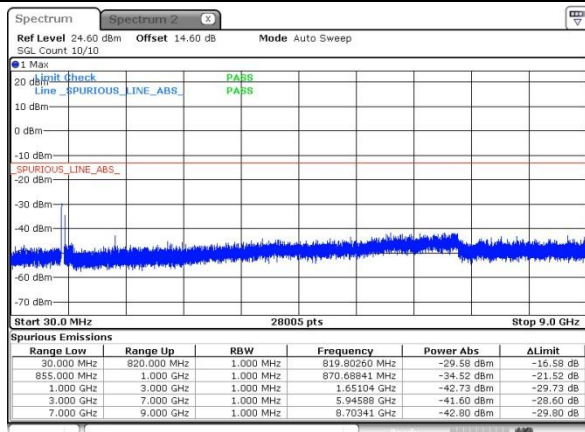
Date: 8.DEC.2025 20:19:45



Conducted Spurious Emission

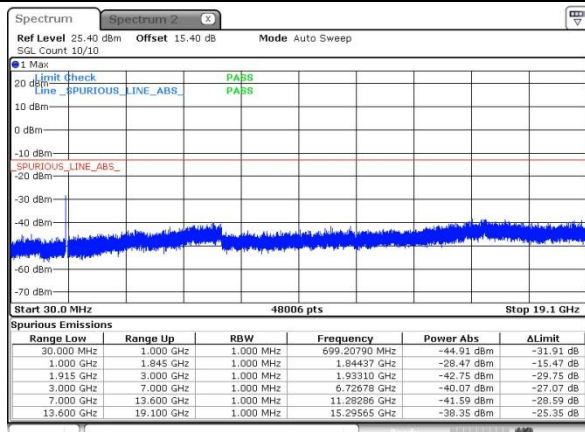
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

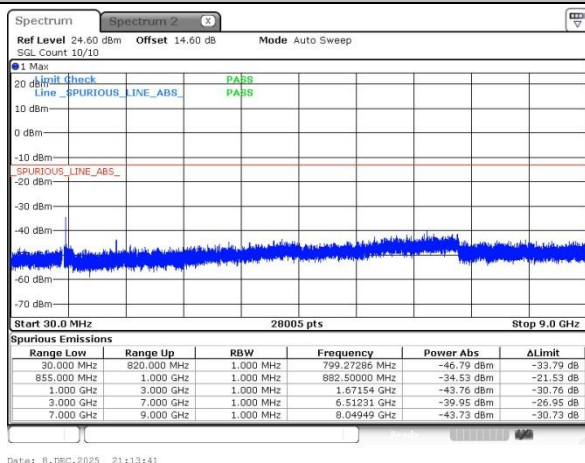


WCDMA Band II (RMC 12.2Kbps)

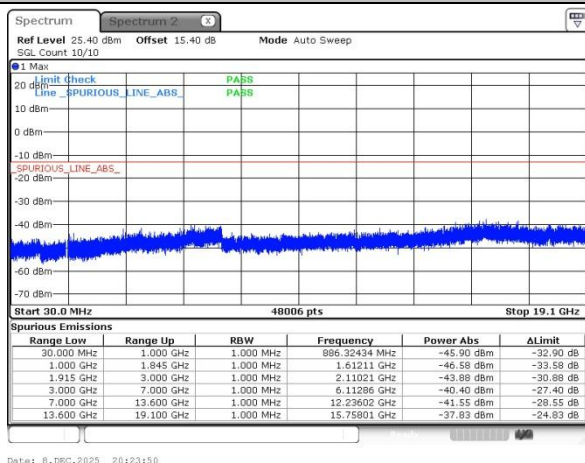
Lowest Channel



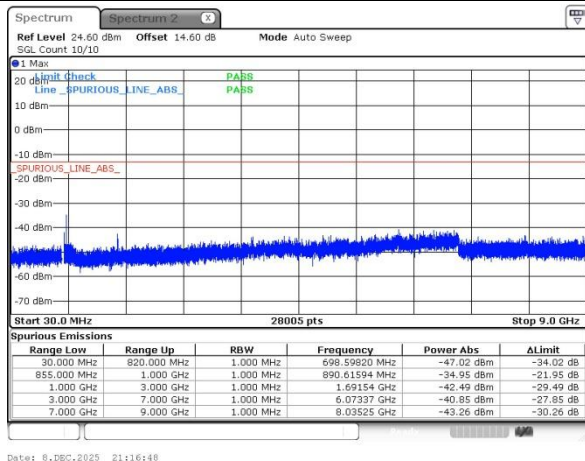
Middle Channel



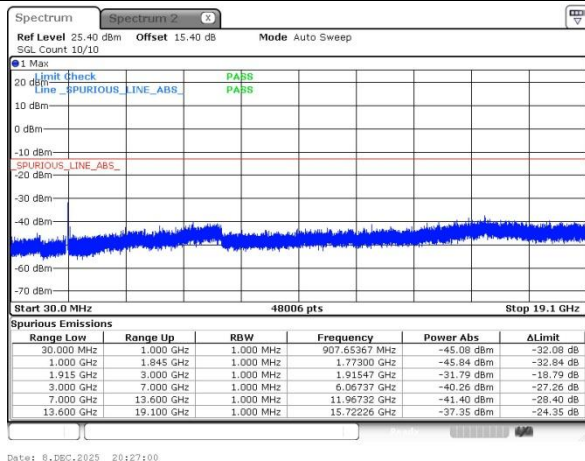
Middle Channel



Highest Channel



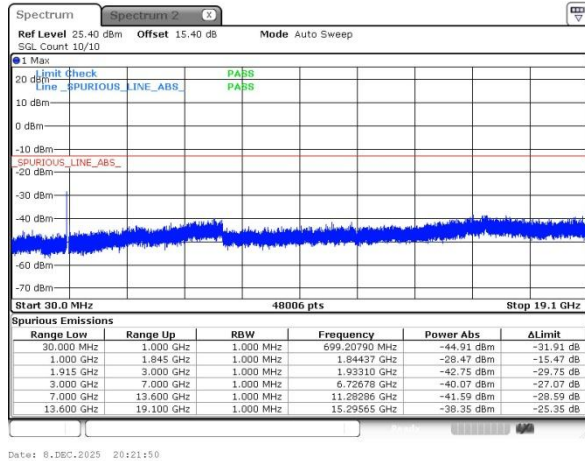
Highest Channel



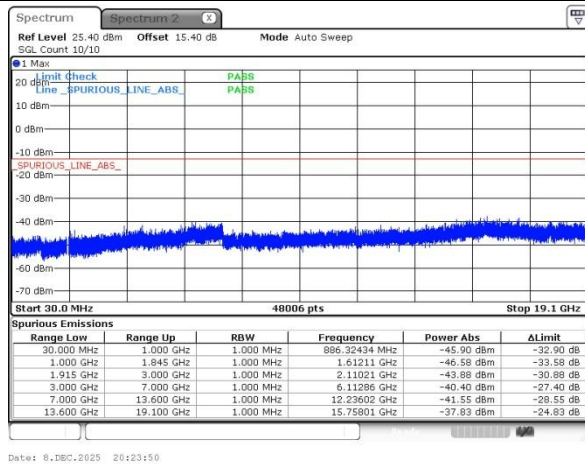


WCDMA Band IV (RMC 12.2Kbps)

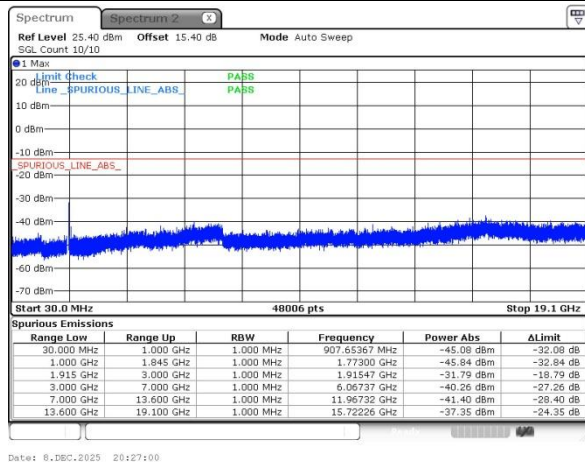
Lowest Channel



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	0.0052	PASS
40	Normal Voltage	0.0341	
30	Normal Voltage	0.0463	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0342	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0166	
-30	Normal Voltage	0.0379	
20	Maximum Voltage	0.0418	
20	Normal Voltage	0.0122	
20	Battery End Point	0.0010	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0192	PASS
40	Normal Voltage	0.0142	
30	Normal Voltage	0.0148	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0113	
0	Normal Voltage	0.0165	
-10	Normal Voltage	0.0279	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0037	
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	0.0045	PASS
40	Normal Voltage	0.0116	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0064	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0134	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0134	

Note:

1. Normal Voltage = 3.8V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V
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 :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

GSM850 (GPRS 1 Tx slots)								
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	-52.98	-13	-39.98	-59.95	1.58	10.70	H
	2512	-57.09	-13	-44.09	-65.34	2.102	12.50	H
	3344	-57.64	-13	-44.64	-66.53	2.856	13.90	H
	1672	-58.21	-13	-45.21	-65.18	1.58	10.70	V
	2512	-57.40	-13	-44.40	-65.65	2.10	12.50	V
	3344	-57.82	-13	-44.82	-66.71	2.86	13.90	V

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

GSM850 (EDGE 1 Tx slots)								
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	-61.21	-13	-48.21	-68.18	1.58	10.70	H
	2512	-58.05	-13	-45.05	-66.30	2.102	12.50	H
	3344	-57.85	-13	-44.85	-66.74	2.856	13.90	H
	1672	-60.15	-13	-47.15	-67.12	1.58	10.70	V
	2512	-56.62	-13	-43.62	-64.87	2.10	12.50	V
	3344	-57.72	-13	-44.72	-66.61	2.86	13.90	V

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

GSM1900 (GPRS 1 Tx slots)								
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	-55.68	-13	-42.68	-67.94	2.641	14.90	H
	5640	-55.44	-13	-42.44	-67.30	2.94	14.80	H
	7515	-52.53	-13	-39.53	-62.30	3.39	13.16	H
	3765	-55.61	-13	-42.61	-67.87	2.64	14.90	V
	5640	-56.05	-13	-43.05	-67.91	2.94	14.80	V
	7515	-52.16	-13	-39.16	-61.93	3.39	13.16	V

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

GSM1900 (EDGE 1 Tx slots)								
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	-55.83	-13	-42.83	-68.09	2.641	14.90	H
	5640	-55.27	-13	-42.27	-67.13	2.94	14.80	H
	7515	-52.23	-13	-39.23	-62.00	3.39	13.16	H
	3765	-55.73	-13	-42.73	-67.99	2.64	14.90	V
	5640	-55.99	-13	-42.99	-67.85	2.94	14.80	V
	7515	-51.81	-13	-38.81	-61.58	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)								
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	-62.61	-13	-49.61	-69.58	1.58	10.70	H
	2512	-58.21	-13	-45.21	-66.46	2.102	12.50	H
	3344	-57.64	-13	-44.64	-66.53	2.856	13.90	H
	1672	-61.30	-13	-48.30	-68.27	1.58	10.70	V
	2512	-57.28	-13	-44.28	-65.53	2.10	12.50	V
	3344	-57.51	-13	-44.51	-66.40	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)								
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	-55.39	-13	-42.39	-67.65	2.641	14.90	H
	5640	-54.96	-13	-41.96	-66.82	2.94	14.80	H
	7515	-51.84	-13	-38.84	-61.61	3.39	13.16	H
	3765	-55.04	-13	-42.04	-67.30	2.64	14.90	V
	5640	-55.64	-13	-42.64	-67.50	2.94	14.80	V
	7515	-51.64	-13	-38.64	-61.41	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)								
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	-57.39	-13	-44.39	-68.13	2.604	13.34	H
	5205	-55.07	-13	-42.07	-65.58	3.011	13.52	H
	6930	-54.03	-13	-41.03	-64.23	3.271	13.47	H
	3465	-57.10	-13	-44.10	-67.84	2.604	13.34	V
	5205	-54.42	-13	-41.42	-64.93	3.011	13.52	V
	6930	-53.73	-13	-40.73	-63.93	3.271	13.47	V

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