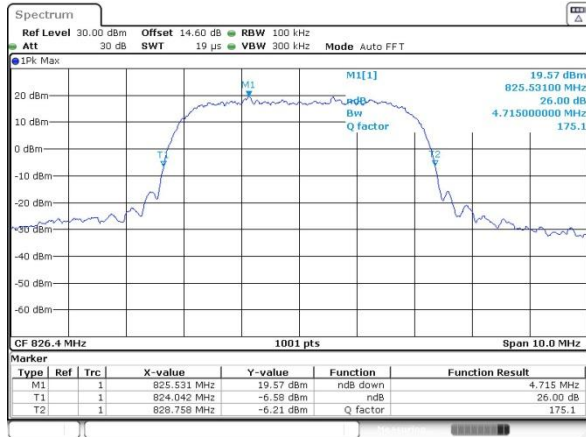




WCDMA Band V (RMC 12.2Kbps)

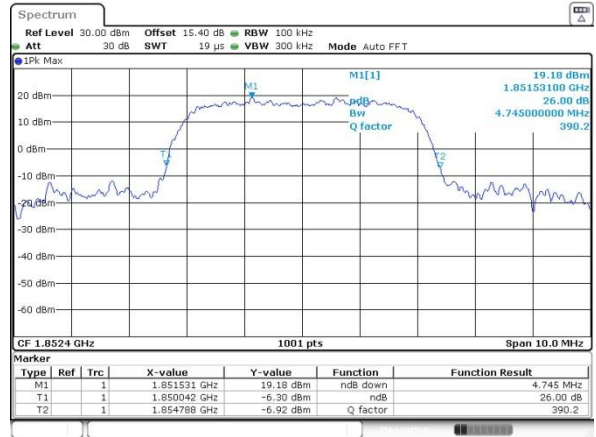
Lowest Channel



Date: 17.NOV.2025 10:37:41

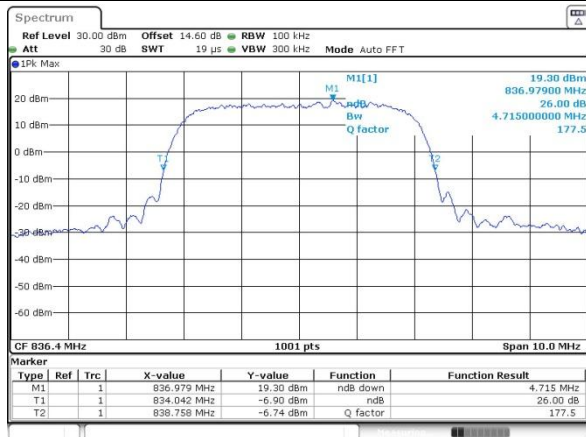
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



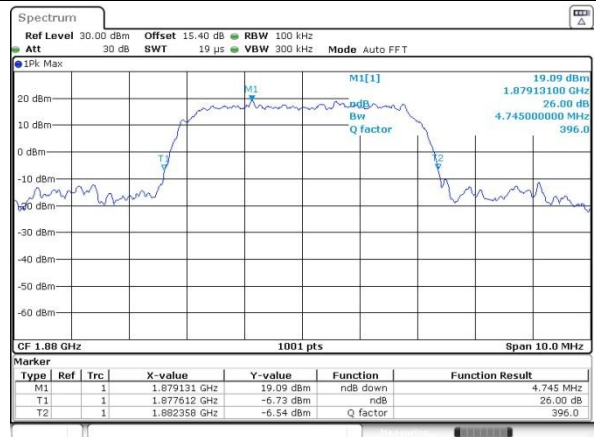
Date: 17.NOV.2025 11:19:22

Middle Channel



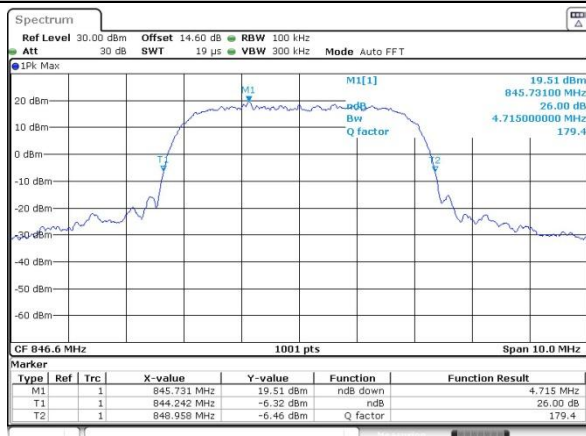
Date: 17.NOV.2025 10:38:03

Middle Channel



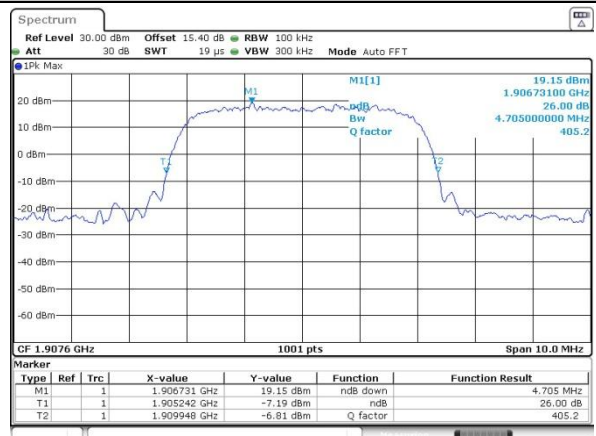
Date: 17.NOV.2025 11:19:47

Highest Channel



Date: 17.NOV.2025 10:38:27

Highest Channel

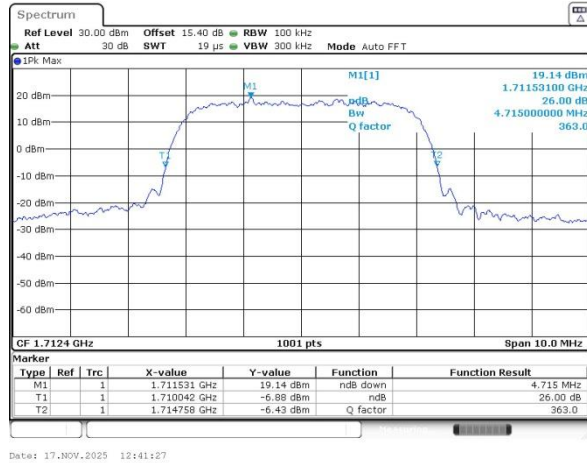


Date: 17.NOV.2025 11:20:12

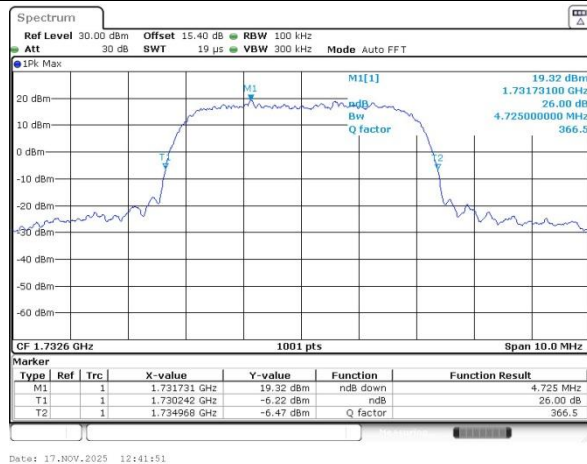


WCDMA Band IV (RMC 12.2Kbps)

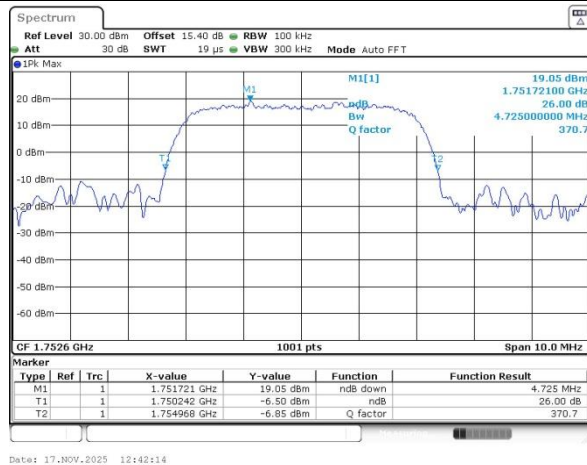
Lowest Channel



Middle Channel



Highest Channel





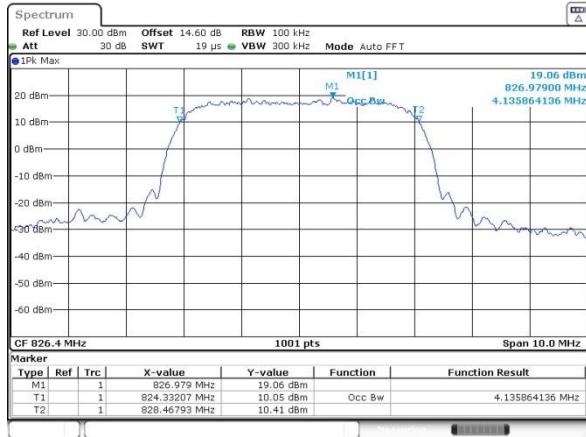
Occupied Bandwidth

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	4.136	4.146	4.136
Middle CH	4.136	4.156	4.136
Highest CH	4.136	4.136	4.176



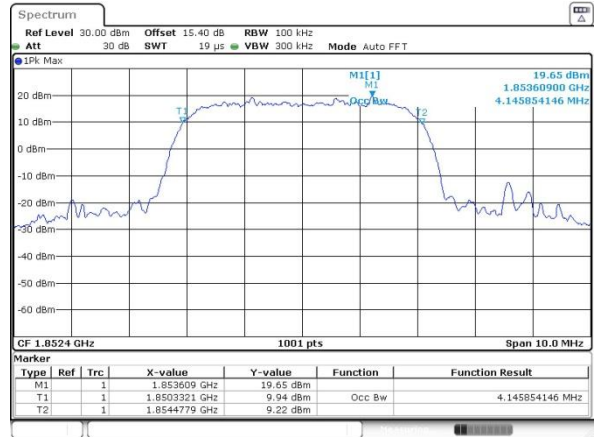
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

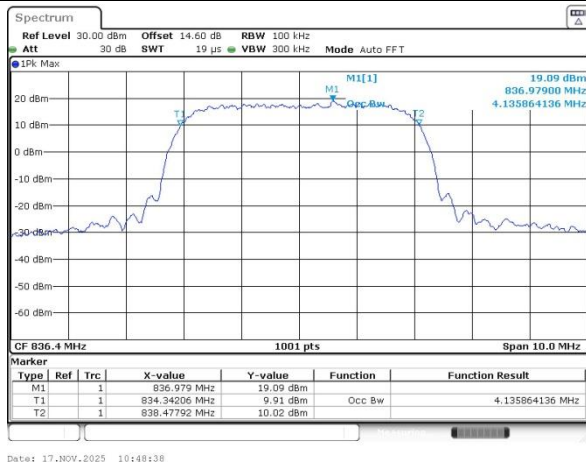


WCDMA Band II (RMC 12.2Kbps)

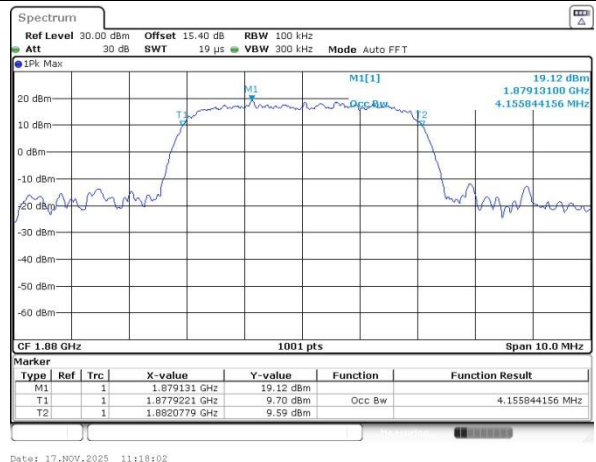
Lowest Channel



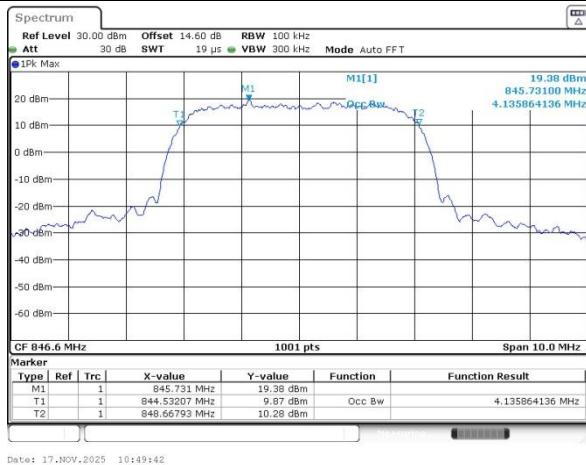
Middle Channel



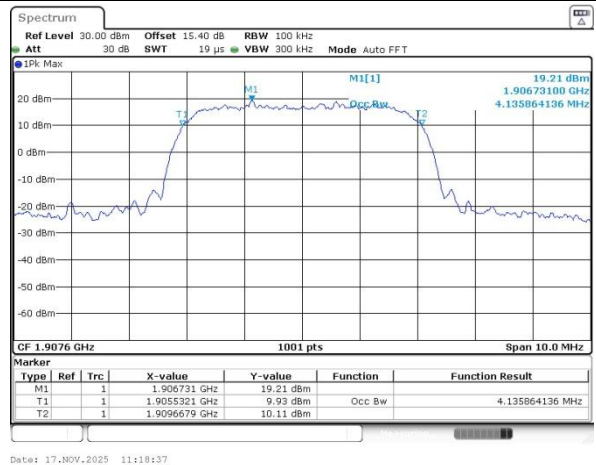
Middle Channel



Highest Channel



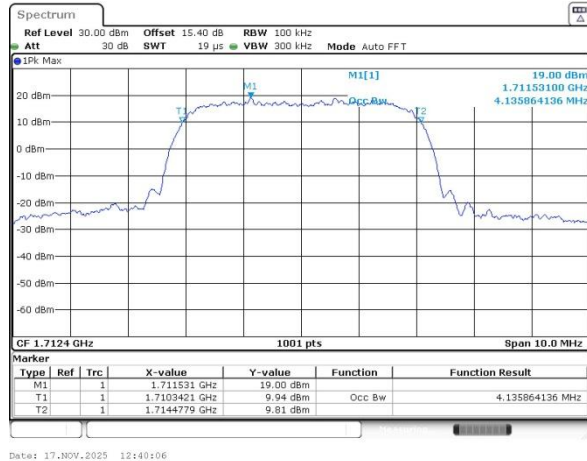
Highest Channel



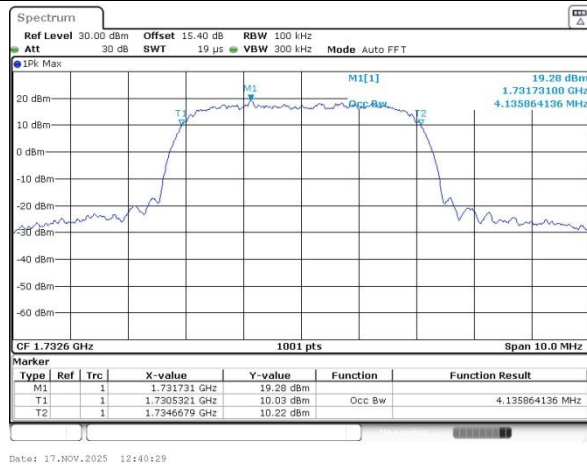


WCDMA Band IV (RMC 12.2Kbps)

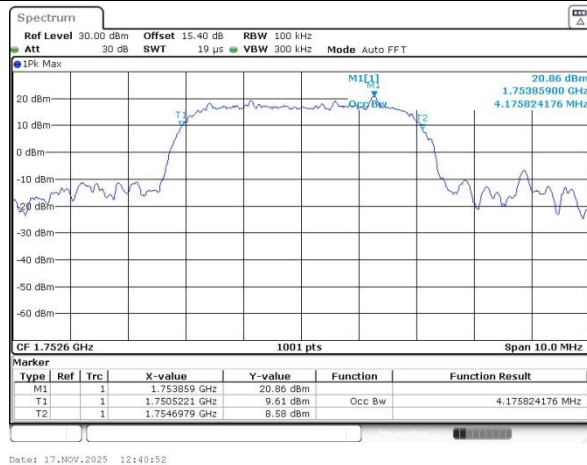
Lowest Channel



Middle Channel



Highest Channel





Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

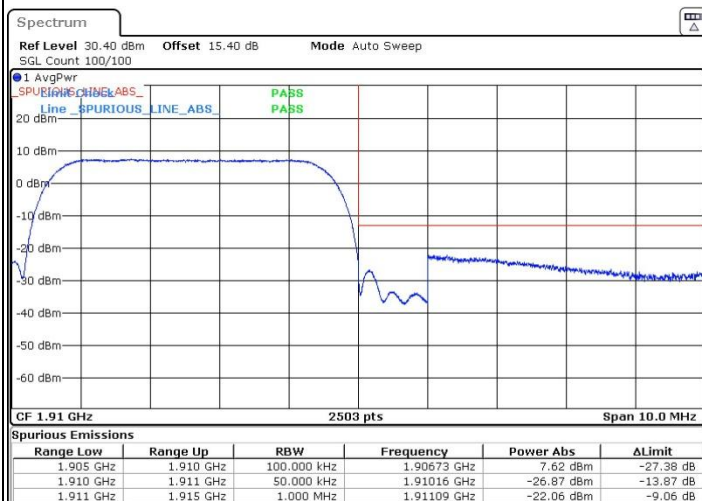


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

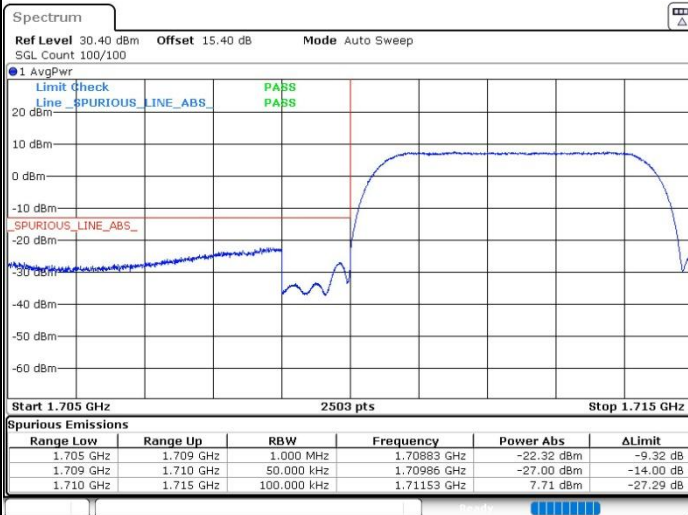




WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 17.NOV.2025 12:43:43



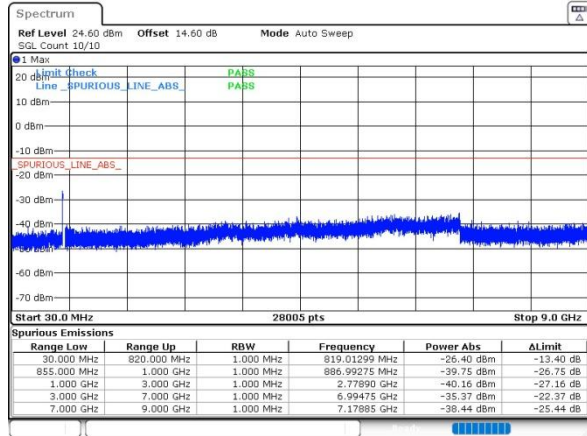
Date: 17.NOV.2025 12:45:07



Conducted Spurious Emission

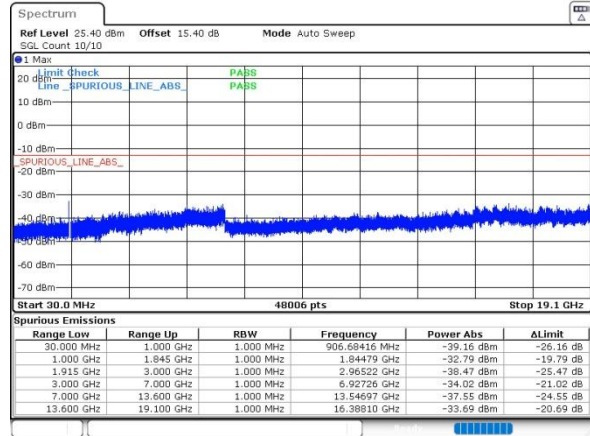
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

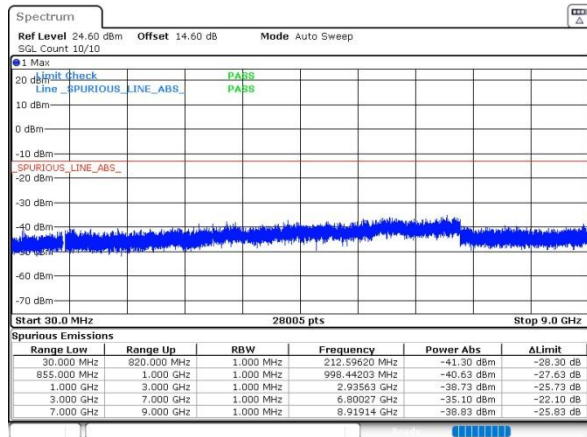


WCDMA Band II (RMC 12.2Kbps)

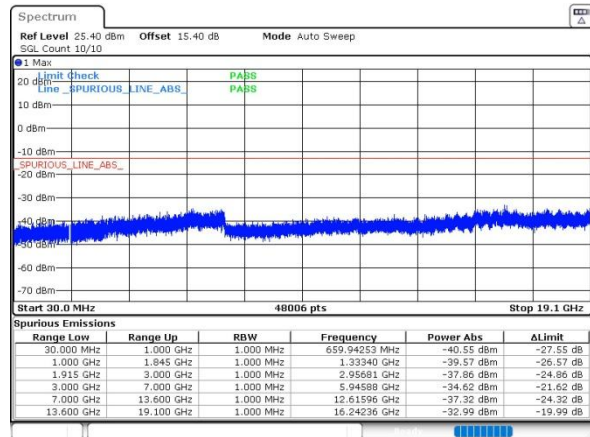
Lowest Channel



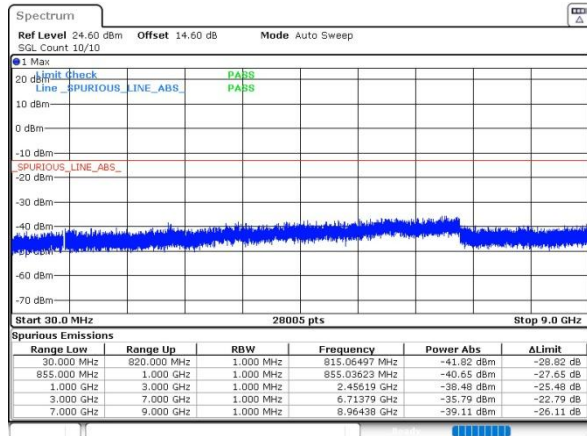
Middle Channel



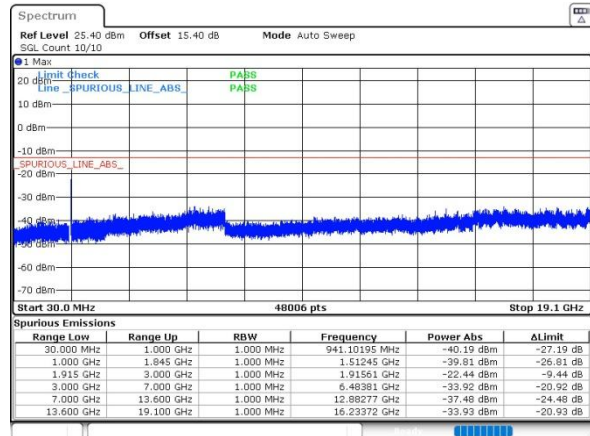
Middle Channel



Highest Channel



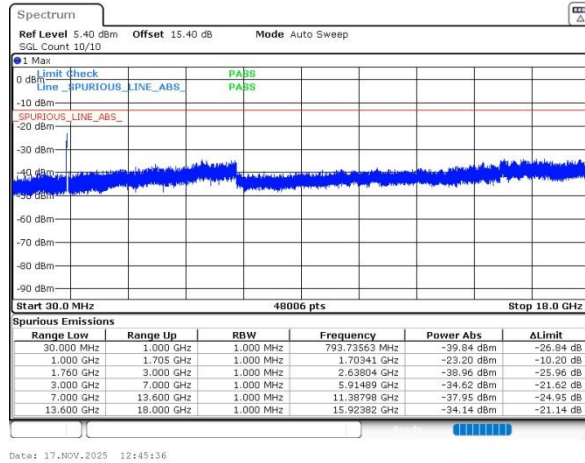
Highest Channel



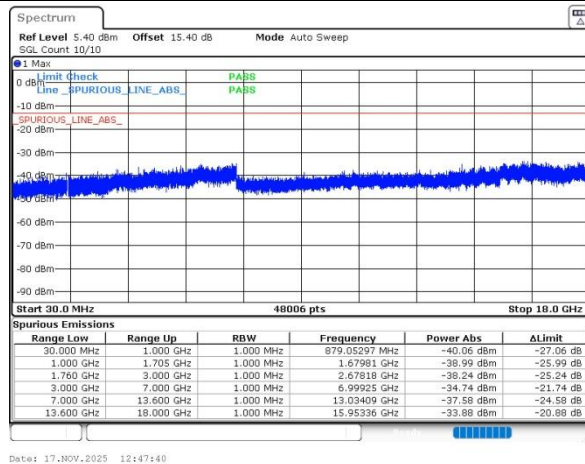


WCDMA Band IV (RMC 12.2Kbps)

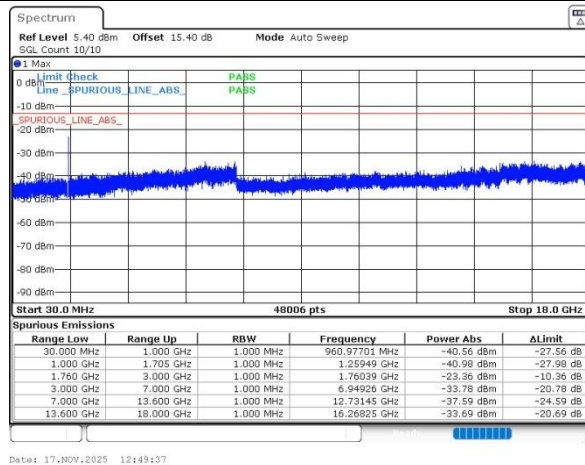
Lowest Channel



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	0.0012	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0084	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0043	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0005	



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	0.0075	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage = 3.74V ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.53V
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 (GSM)								
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	-48.21	-13	-35.21	-55.18	1.58	10.70	H
	2512	-42.04	-13	-29.04	-50.29	2.102	12.50	H
	3344	-58.05	-13	-45.05	-66.94	2.856	13.90	H
	1672	-56.65	-13	-43.65	-63.62	1.58	10.70	V
	2512	-39.83	-13	-26.83	-48.08	2.10	12.50	V
	3344	-58.28	-13	-45.28	-67.17	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	-48.92	-13	-35.92	-55.89	1.58	10.70	H
	2512	-38.84	-13	-25.84	-47.09	2.102	12.50	H
	3344	-58.05	-13	-45.05	-66.94	2.856	13.90	H
	1672	-53.52	-13	-40.52	-60.49	1.58	10.70	V
	2512	-38.14	-13	-25.14	-46.39	2.10	12.50	V
	3344	-58.46	-13	-45.46	-67.35	2.86	13.90	V

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

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)
Middle	3765	-55.84	-13	-42.84	-68.10	2.641	14.90	H
	5640	-54.77	-13	-41.77	-66.63	2.94	14.80	H
	7515	-51.56	-13	-38.56	-61.33	3.39	13.16	H
	3765	-55.78	-13	-42.78	-68.04	2.64	14.90	V
	5640	-55.56	-13	-42.56	-67.42	2.94	14.80	V
	7515	-51.97	-13	-38.97	-61.74	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	-55.64	-13	-42.64	-67.90	2.641	14.90	H
	5640	-54.67	-13	-41.67	-66.53	2.94	14.80	H
	7515	-51.76	-13	-38.76	-61.53	3.39	13.16	H
	3765	-55.89	-13	-42.89	-68.15	2.64	14.90	V
	5640	-55.73	-13	-42.73	-67.59	2.94	14.80	V
	7515	-51.75	-13	-38.75	-61.52	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	-59.98	-13	-46.98	-66.95	1.58	10.70	H
	2512	-58.25	-13	-45.25	-66.50	2.102	12.50	H
	3344	-58.53	-13	-45.53	-67.42	2.856	13.90	H
	1672	-60.57	-13	-47.57	-67.54	1.58	10.70	V
	2512	-57.17	-13	-44.17	-65.42	2.10	12.50	V
	3344	-58.49	-13	-45.49	-67.38	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	-55.81	-13	-42.81	-68.07	2.641	14.90	H
	5640	-55.03	-13	-42.03	-66.89	2.94	14.80	H
	7515	-51.74	-13	-38.74	-61.51	3.39	13.16	H
	3765	-56.47	-13	-43.47	-68.73	2.64	14.90	V
	5640	-55.79	-13	-42.79	-67.65	2.94	14.80	V
	7515	-51.76	-13	-38.76	-61.53	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	-57.58	-13	-44.58	-68.32	2.604	13.34	H
	5205	-54.05	-13	-41.05	-64.56	3.011	13.52	H
	6930	-54.08	-13	-41.08	-64.28	3.271	13.47	H
	3465	-57.96	-13	-44.96	-68.70	2.604	13.34	V
	5205	-54.60	-13	-41.60	-65.11	3.011	13.52	V
	6930	-53.71	-13	-40.71	-63.91	3.271	13.47	V

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