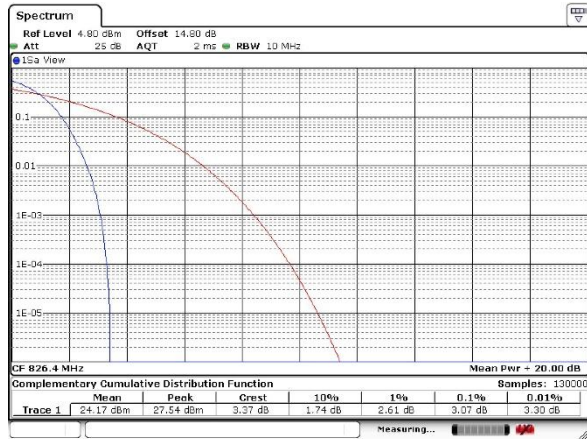




WCDMA Band V (RMC 12.2Kbps)

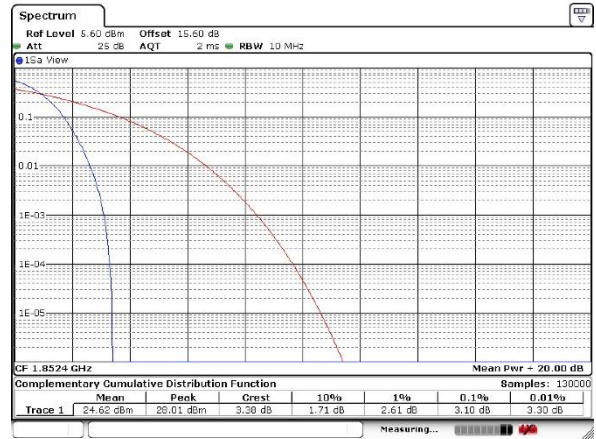
Lowest Channel



Date: 23/09/2025 21:11:41

WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



Date: 23/09/2025 20:24:28

Middle Channel



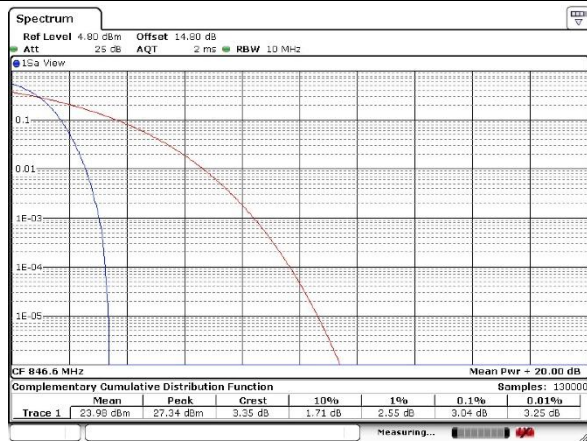
Date: 23/09/2025 21:11:57

Middle Channel



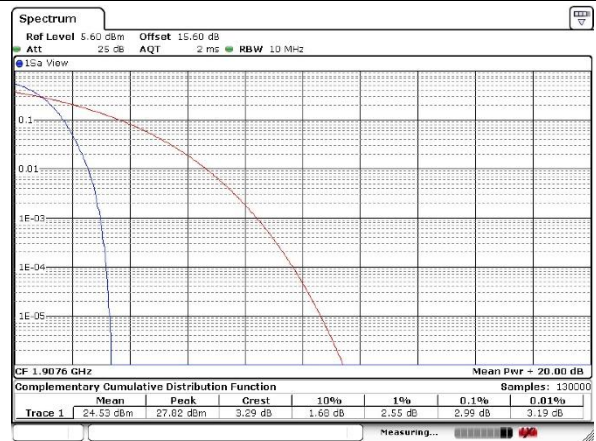
Date: 23/09/2025 20:24:49

Highest Channel



Date: 23/09/2025 21:12:18

Highest Channel



Date: 23/09/2025 20:25:19

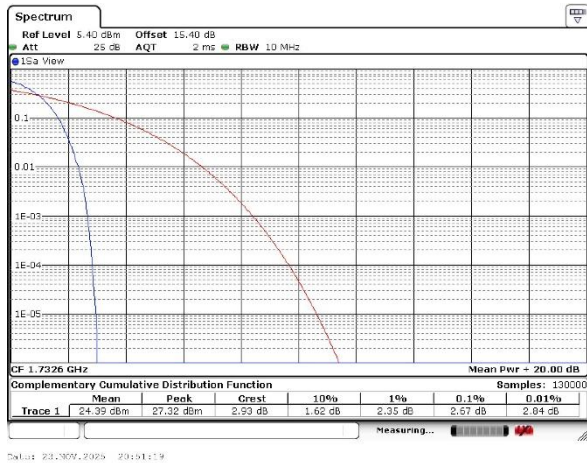


WCDMA Band IV (RMC 12.2Kbps)

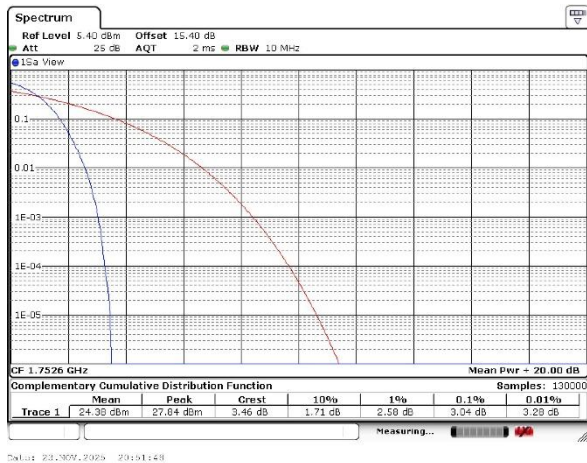
Lowest Channel



Middle Channel



Highest Channel





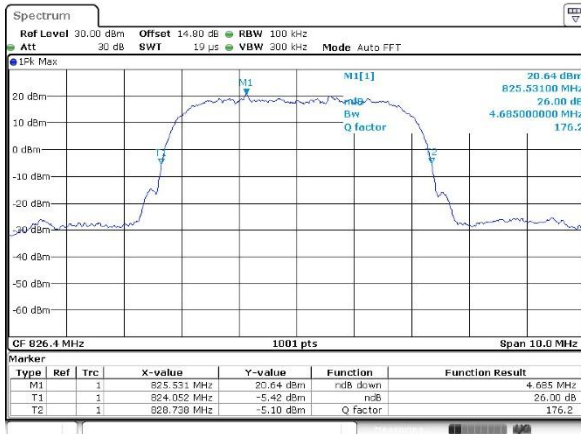
26dB Bandwidth

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	4.69	4.70	4.69
Middle CH	4.70	4.69	4.71
Highest CH	4.70	4.71	4.70



WCDMA Band V (RMC 12.2Kbps)

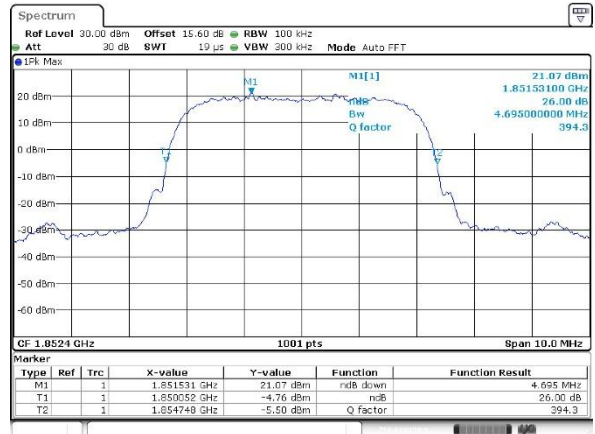
Lowest Channel



Date: 23-NOV-2025 20:57:09

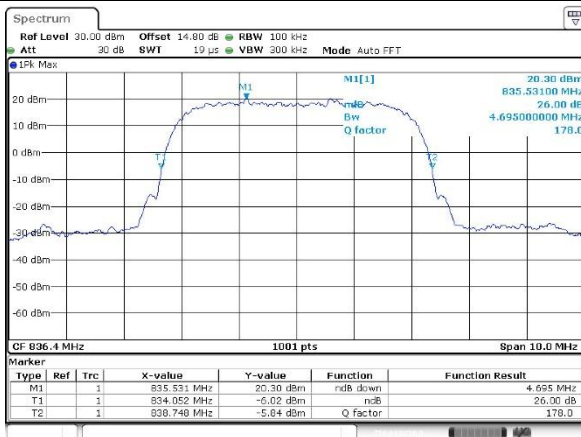
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



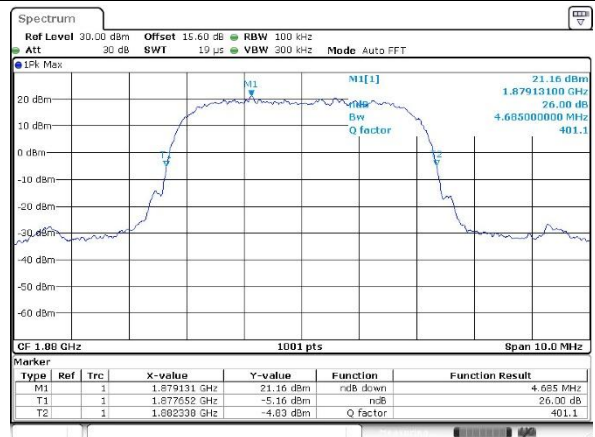
Date: 23-NOV-2025 20:18:47

Middle Channel



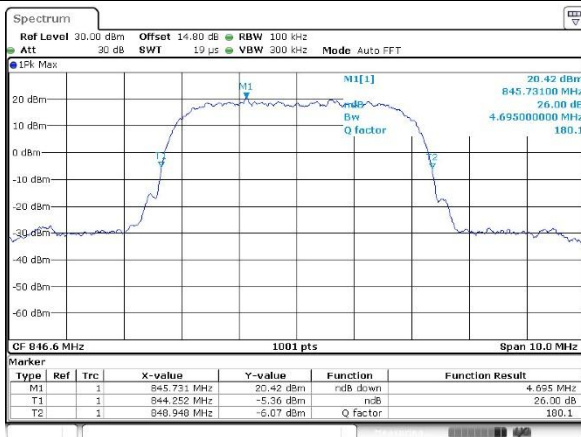
Date: 23-NOV-2025 20:57:08

Middle Channel



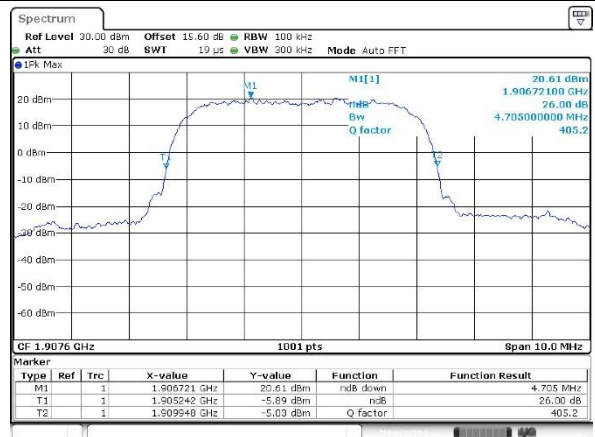
Date: 23-NOV-2025 20:18:28

Highest Channel



Date: 23-NOV-2025 20:58:11

Highest Channel

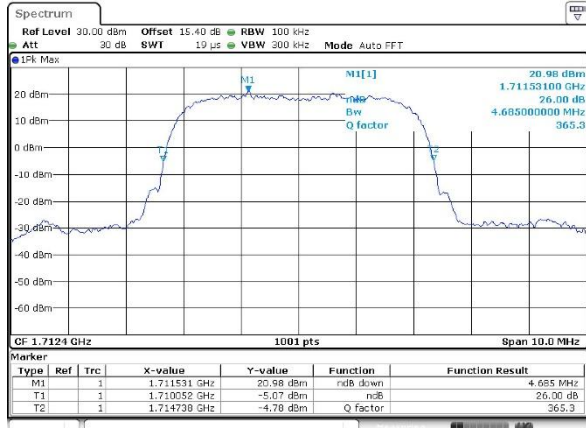


Date: 23-NOV-2025 20:17:03



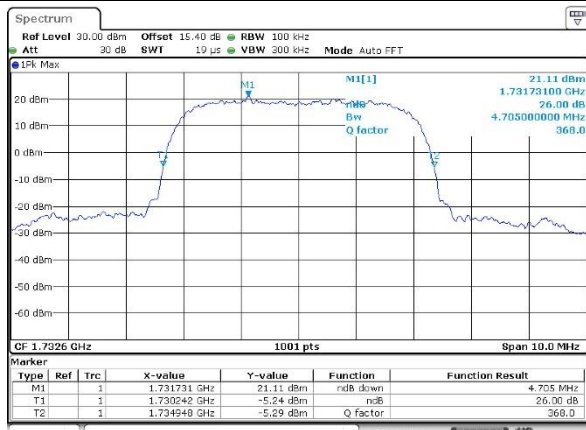
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



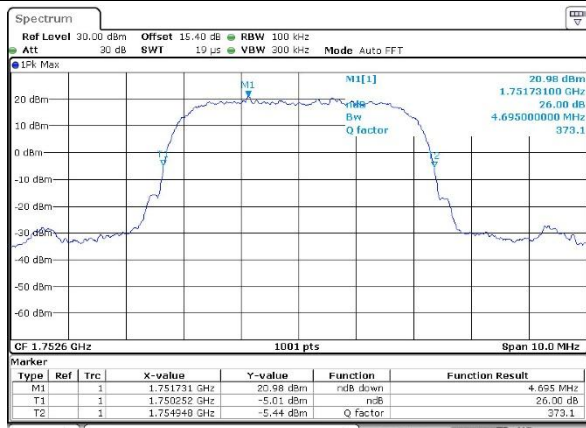
Date: 23/09/2025 20:34:53

Middle Channel



Date: 23/09/2025 20:34:51

Highest Channel



Date: 23/09/2025 20:34:51



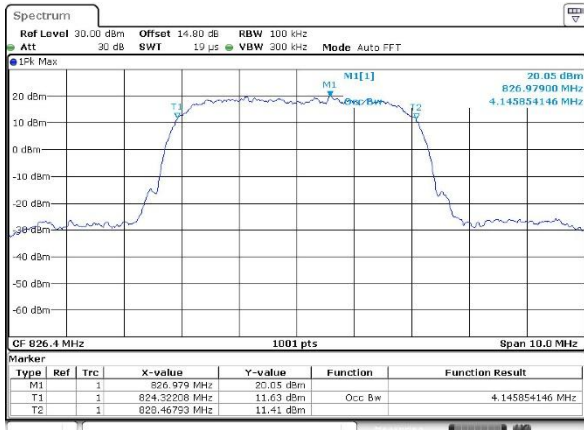
Occupied Bandwidth

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	4.15	4.15	4.15
Middle CH	4.13	4.15	4.15
Highest CH	4.14	4.15	4.15



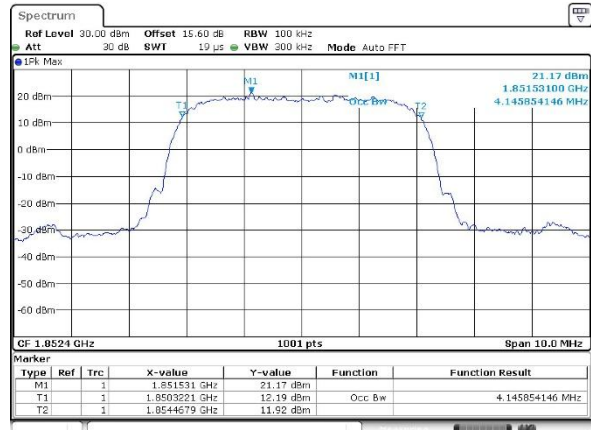
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

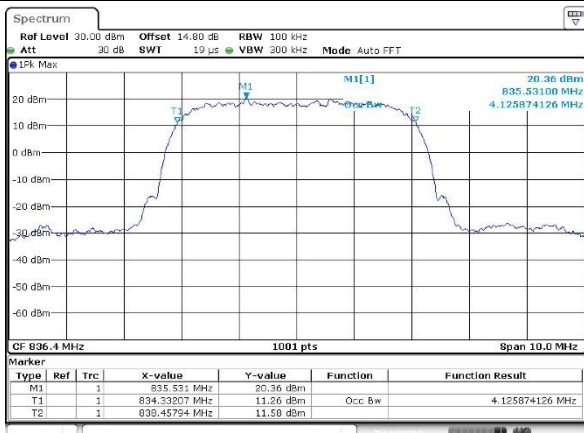


WCDMA Band II (RMC 12.2Kbps)

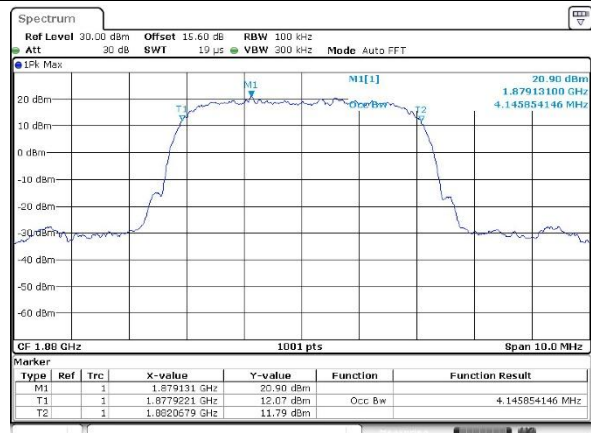
Lowest Channel



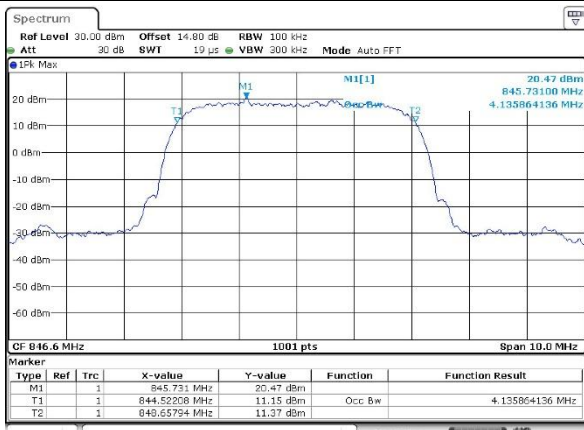
Middle Channel



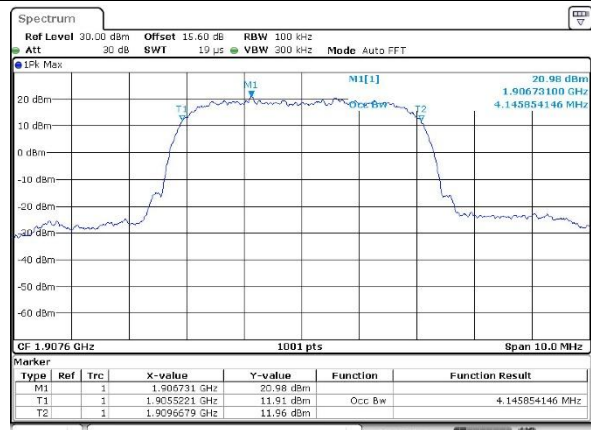
Middle Channel



Highest Channel



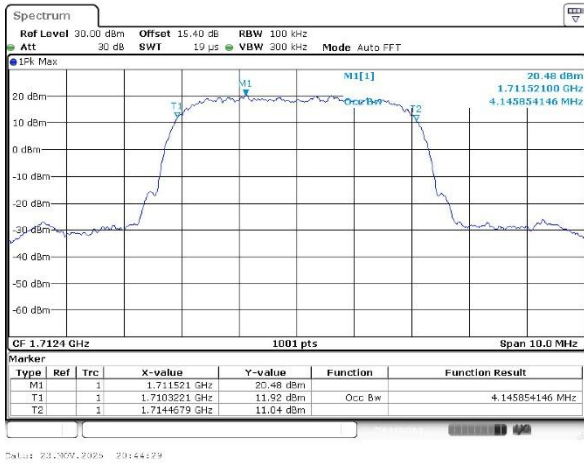
Highest Channel



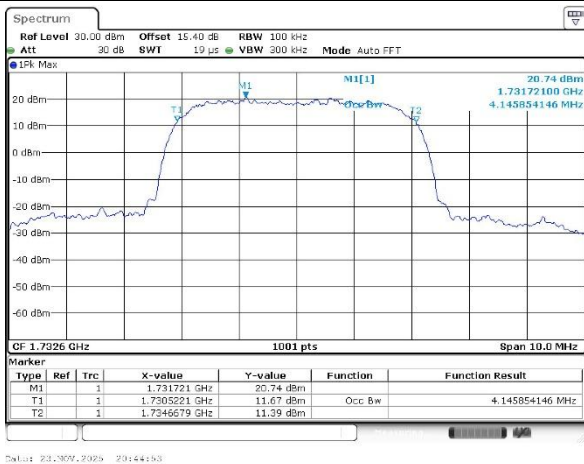


WCDMA Band IV (RMC 12.2Kbps)

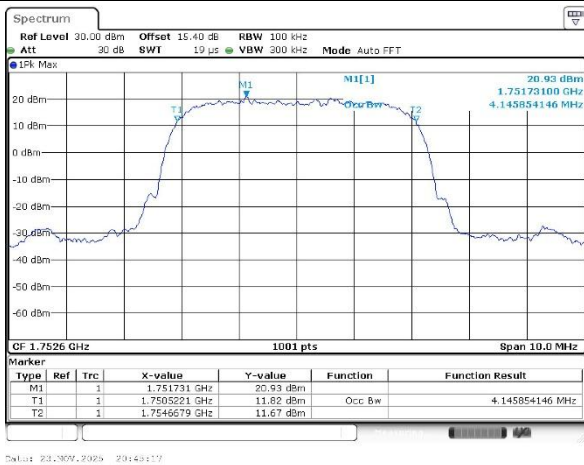
Lowest Channel



Middle Channel



Highest Channel

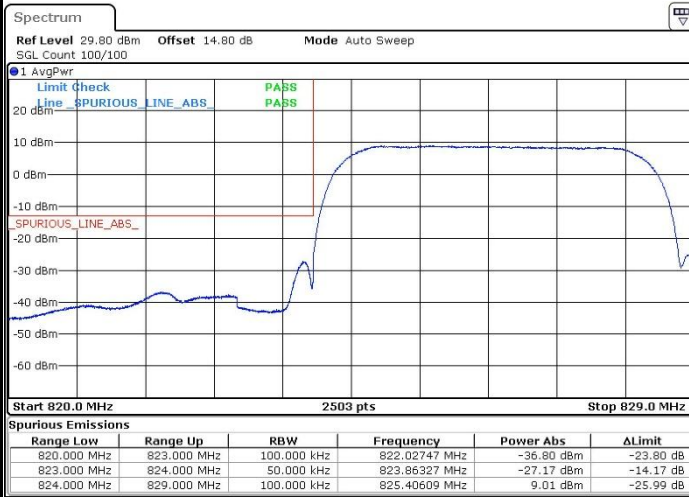




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

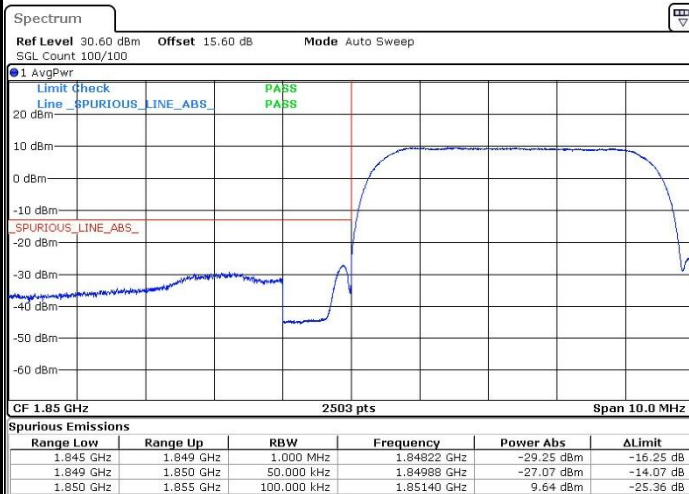


Highest Band Edge



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: 23.NOV.2025 20:46:20



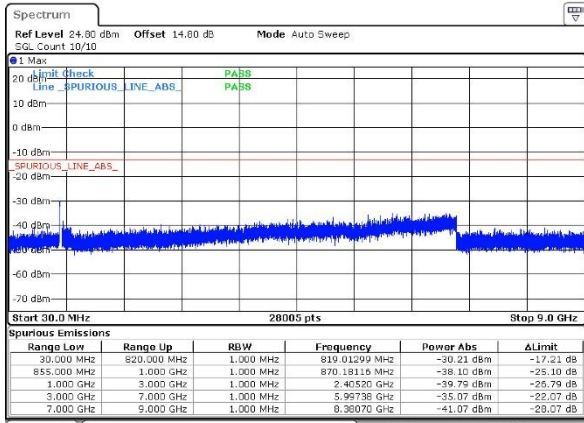
Date: 23.NOV.2025 20:47:04



Conducted Spurious Emission

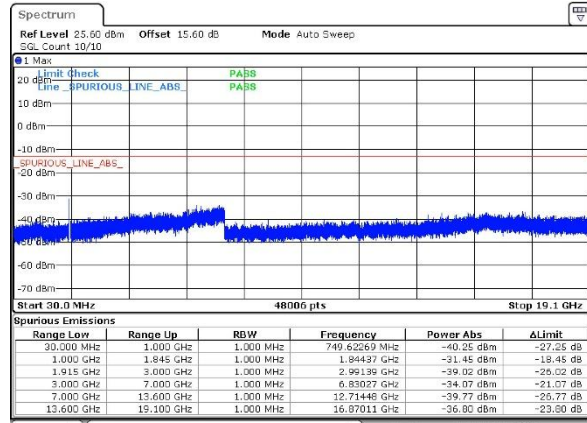
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

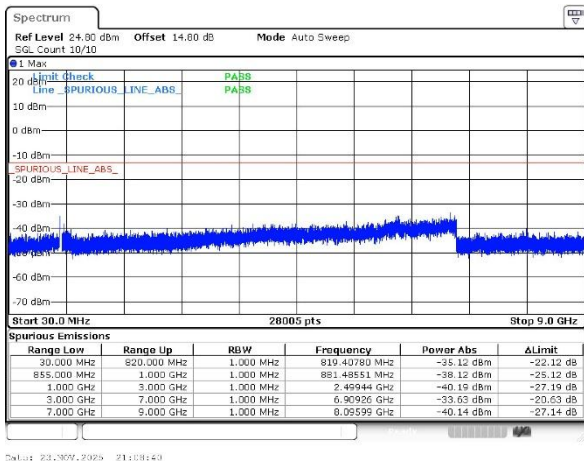


WCDMA Band II (RMC 12.2Kbps)

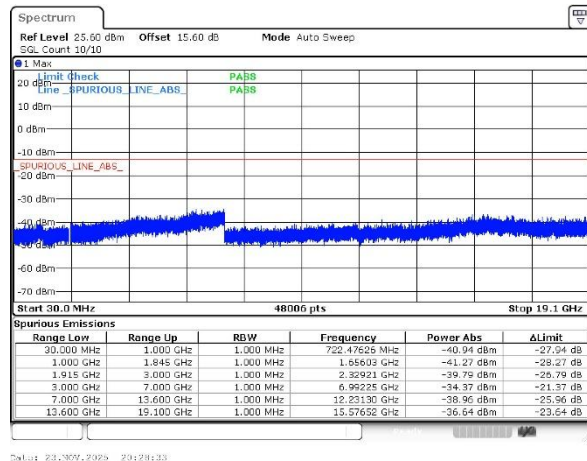
Lowest Channel



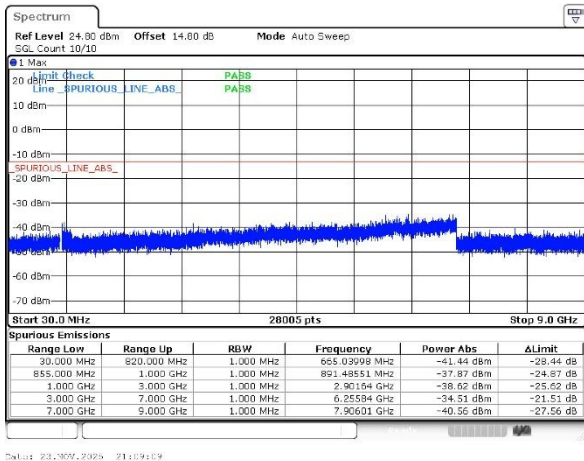
Middle Channel



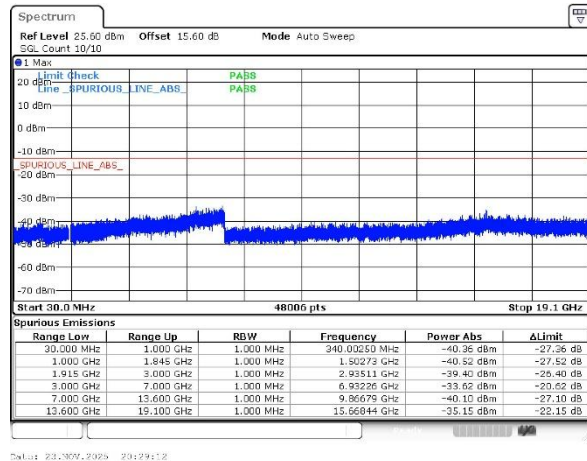
Middle Channel



Highest Channel



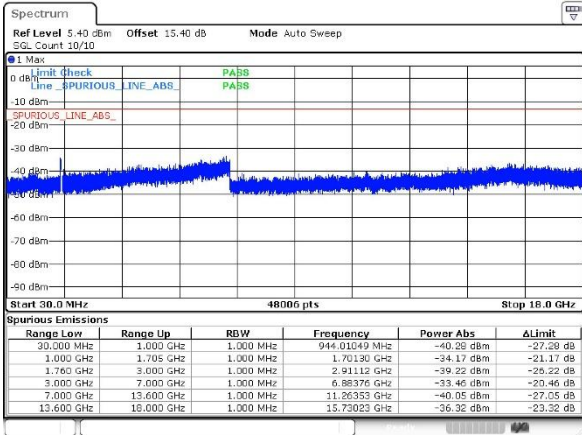
Highest Channel





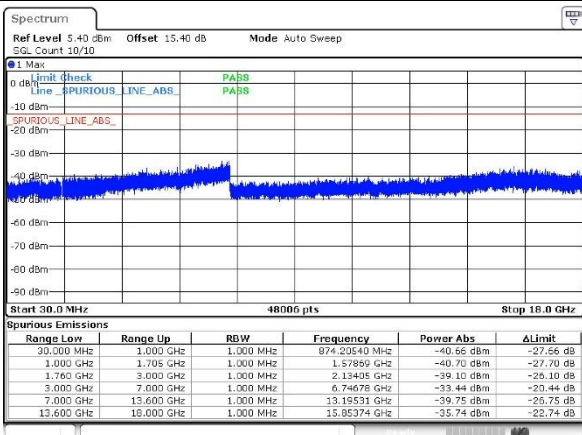
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



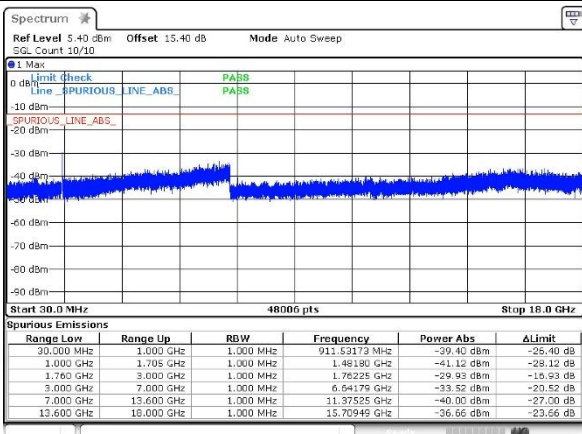
Date: 23/09/2025 20:47:46

Middle Channel



Date: 23/09/2025 20:48:17

Highest Channel



Date: 23/09/2025 20:48:44

**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2KbpsRMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0060	PASS
40	Normal Voltage	0.0291	
30	Normal Voltage	0.0265	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0414	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0142	
-30	Normal Voltage	0.0371	
20	Maximum Voltage	0.0401	
20	Normal Voltage	0.0175	
20	Battery End Point	0.0073	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0155	PASS
40	Normal Voltage	0.0126	
30	Normal Voltage	0.0134	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0149	
0	Normal Voltage	0.0121	
-10	Normal Voltage	0.0248	
-20	Normal Voltage	0.0077	
-30	Normal Voltage	0.0115	
20	Maximum Voltage	0.0164	
20	Normal Voltage	0.0118	
20	Battery End Point	0.0031	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0047	PASS
40	Normal Voltage	0.0156	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0162	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0032	
20	Battery End Point	0.0122	

Note:

1. Normal Voltage = 3.92V ; Battery End Point (BEP) =3.5V. ; 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%

GSM850 (GSM)/Ant0								
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	-43.85	-13	-30.85	-50.82	1.58	10.70	H
	2512	-22.45	-13	-9.45	-30.70	2.102	12.50	H
	3344	-51.22	-13	-38.22	-60.11	2.856	13.90	H
	4184	-50.25	-13	-37.25	-58.71	2.689	13.30	H
	5856	-48.31	-13	-35.31	-56.07	3.093	13.00	H
	1672	-41.91	-13	-28.91	-48.88	1.58	10.70	V
	2512	-33.50	-13	-20.50	-41.75	2.10	12.50	V
	3344	-51.37	-13	-38.37	-60.26	2.86	13.90	V
	4184	-54.96	-13	-41.96	-63.42	2.69	13.30	V
	5856	-43.82	-13	-30.82	-51.58	3.09	13.00	V

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

GSM850 (EDGE 1 Tx slots) /Ant0								
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	-46.53	-13	-33.53	-53.50	1.58	10.70	H
	2512	-52.93	-13	-39.93	-61.18	2.102	12.50	H
	3344	-57.18	-13	-44.18	-66.07	2.856	13.90	H
	1672	-54.71	-13	-41.71	-61.68	1.58	10.70	V
	2512	-55.07	-13	-42.07	-63.32	2.10	12.50	V
	3344	-56.91	-13	-43.91	-65.80	2.86	13.90	V

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



GSM1900 (GSM) /Ant0								
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	3765	-52.19	-13	-39.19	-64.45	2.641	14.90	H
	5640	-20.31	-13	-7.31	-32.17	2.94	14.80	H
	7515	-52.15	-13	-39.15	-61.92	3.39	13.16	H
	3765	-50.02	-13	-37.02	-62.28	2.64	14.90	V
	5640	-16.23	-13	-3.23	-28.09	2.94	14.80	V
	7515	-52.05	-13	-39.05	-61.82	3.39	13.16	V

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

GSM1900 (EDGE 1 Tx slots) /Ant0								
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	3765	-51.97	-13	-38.97	-64.23	2.641	14.90	H
	5640	-17.76	-13	-4.76	-29.62	2.94	14.80	H
	7515	-51.14	-13	-38.14	-60.91	3.39	13.16	H
	3765	-52.35	-13	-39.35	-64.61	2.64	14.90	V
	5640	-17.80	-13	-4.80	-29.66	2.94	14.80	V
	7515	-51.21	-13	-38.21	-60.98	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) /Ant0								
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	-58.39	-13	-45.39	-65.36	1.58	10.70	H
	2512	-57.59	-13	-44.59	-65.84	2.102	12.50	H
	3344	-57.36	-13	-44.36	-66.25	2.856	13.90	H
	1672	-60.33	-13	-47.33	-67.30	1.58	10.70	V
	2512	-56.96	-13	-43.96	-65.21	2.10	12.50	V
	3344	-57.65	-13	-44.65	-66.54	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) /Ant0								
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	-55.54	-13	-42.54	-67.80	2.641	14.90	H
	5640	-54.36	-13	-41.36	-66.22	2.94	14.80	H
	7515	-51.59	-13	-38.59	-61.36	3.39	13.16	H
	3765	-55.50	-13	-42.50	-67.76	2.64	14.90	V
	5640	-55.31	-13	-42.31	-67.17	2.94	14.80	V
	7515	-51.42	-13	-38.42	-61.19	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) /Ant0								
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	-56.45	-13	-43.45	-67.19	2.604	13.34	H
	5190	-54.68	-13	-41.68	-65.19	3.011	13.52	H
	6930	-53.32	-13	-40.32	-63.52	3.271	13.47	H
	3465	-57.45	-13	-44.45	-68.19	2.604	13.34	V
	5190	-54.51	-13	-41.51	-65.02	3.011	13.52	V
	6930	-53.53	-13	-40.53	-63.73	3.271	13.47	V

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