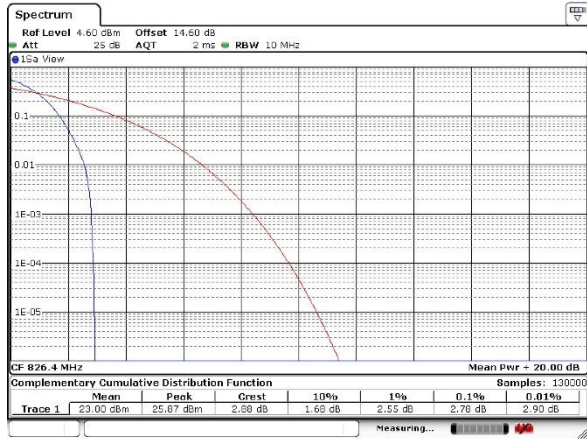




WCDMA Band V (RMC 12.2Kbps)

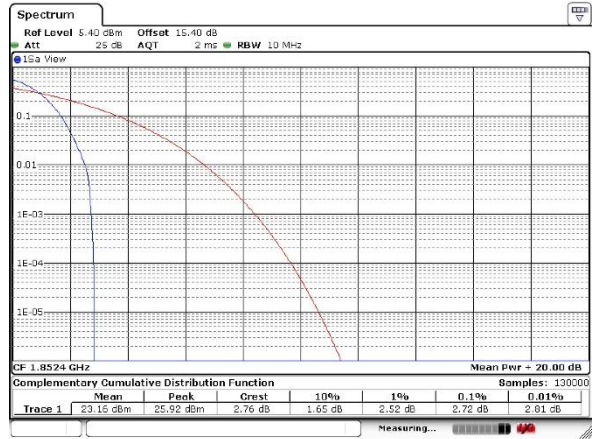
Lowest Channel



Default 26.006.2025 10:49:48

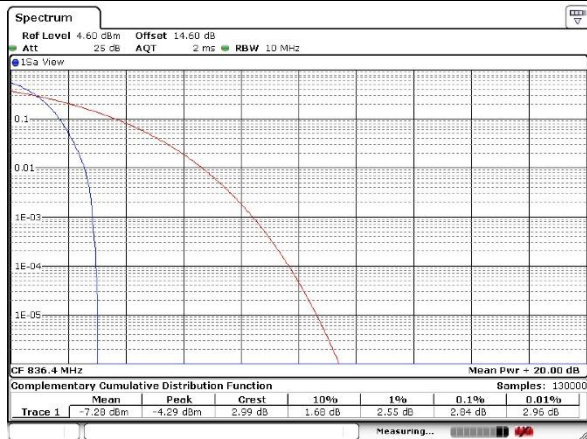
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



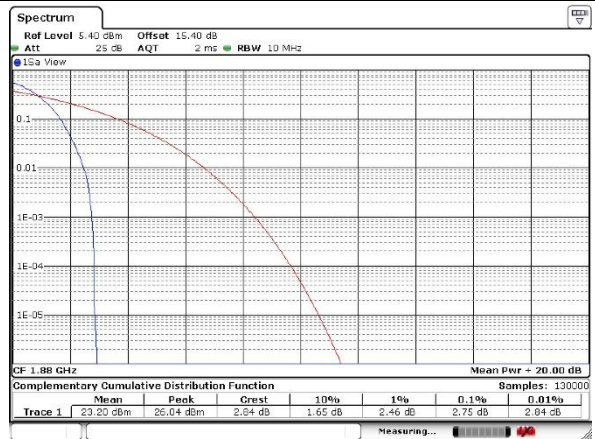
Default 26.006.2025 09:30:32

Middle Channel



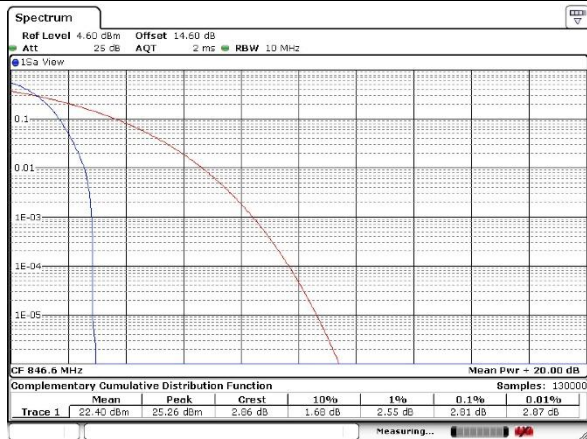
Default 26.006.2025 10:50:08

Middle Channel



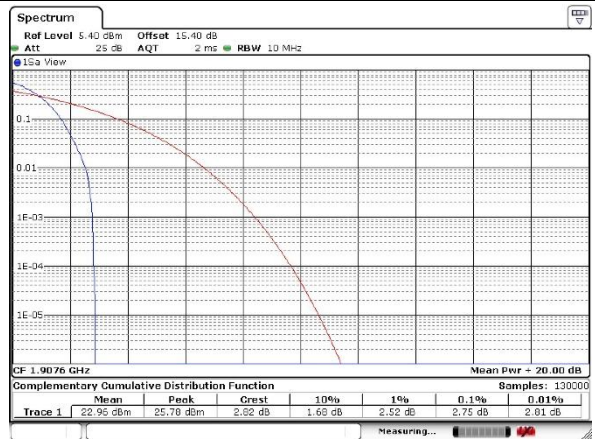
Default 26.006.2025 09:30:53

Highest Channel



Default 26.006.2025 10:50:27

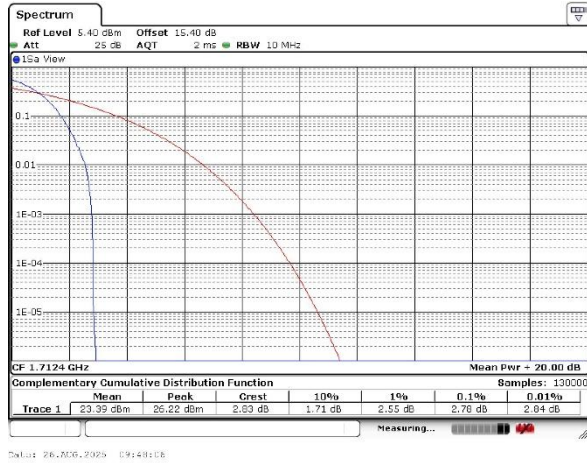
Highest Channel



Default 26.006.2025 09:31:21

WCDMA Band IV (RMC 12.2Kbps)

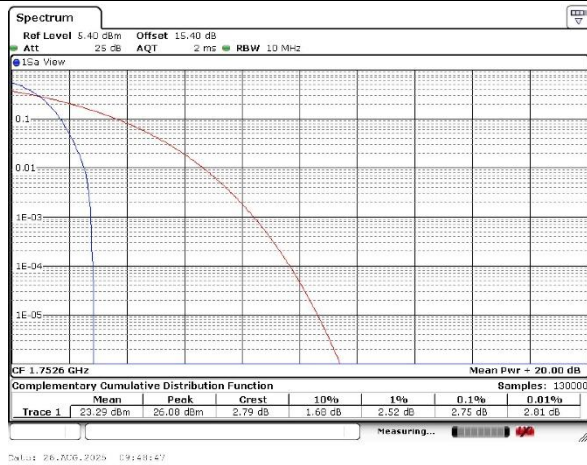
Lowest Channel



Middle Channel



Highest Channel





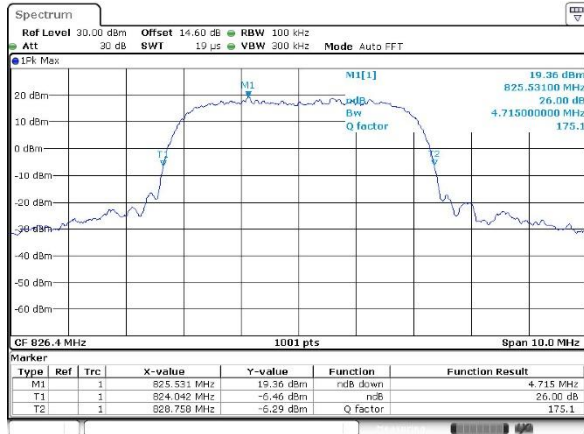
26dB Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.72	4.74	4.73
Middle CH	4.73	4.74	4.74
Highest CH	4.72	4.73	4.73



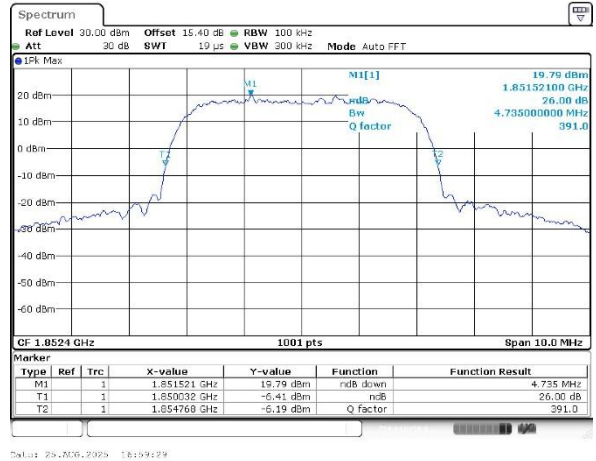
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

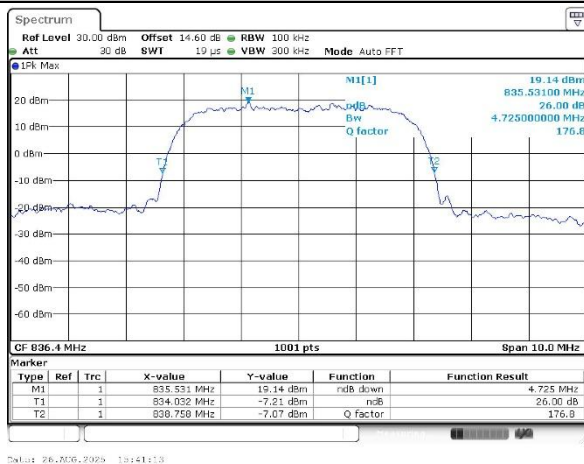


WCDMA Band II (RMC 12.2Kbps)

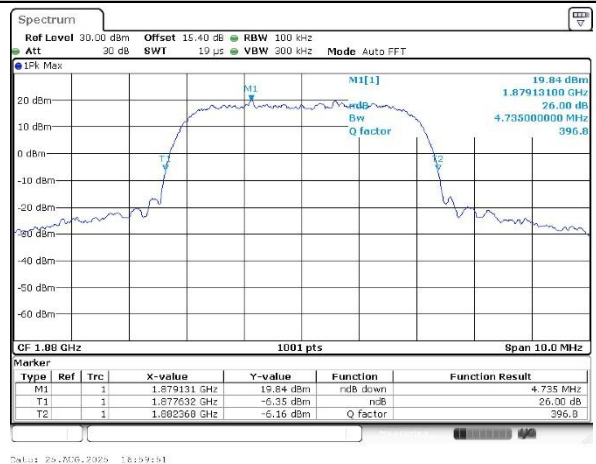
Lowest Channel



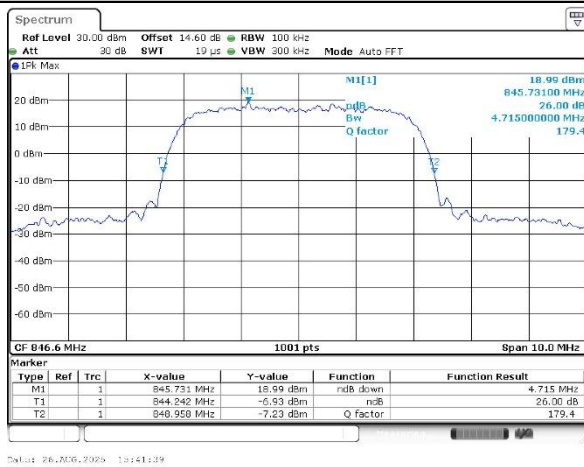
Middle Channel



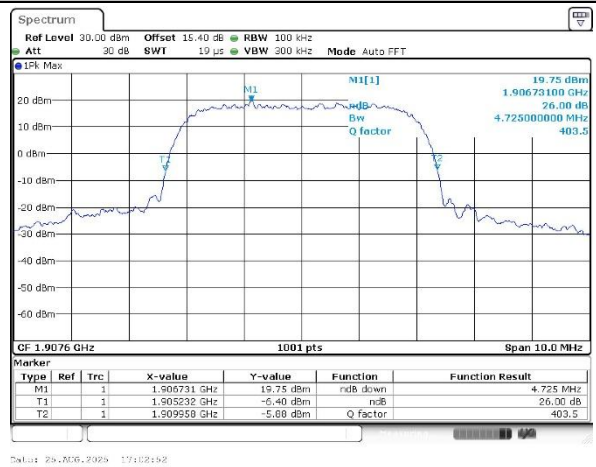
Middle Channel



Highest Channel



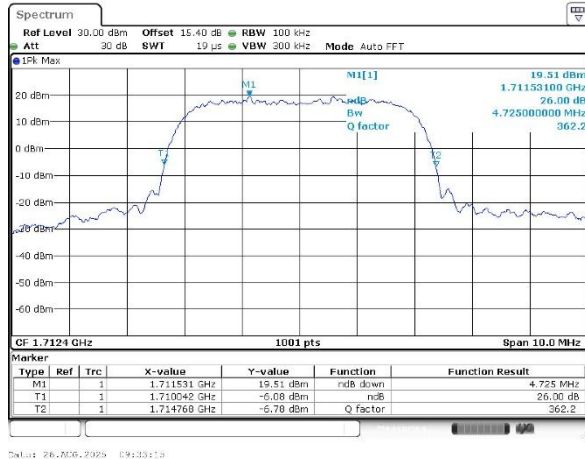
Highest Channel



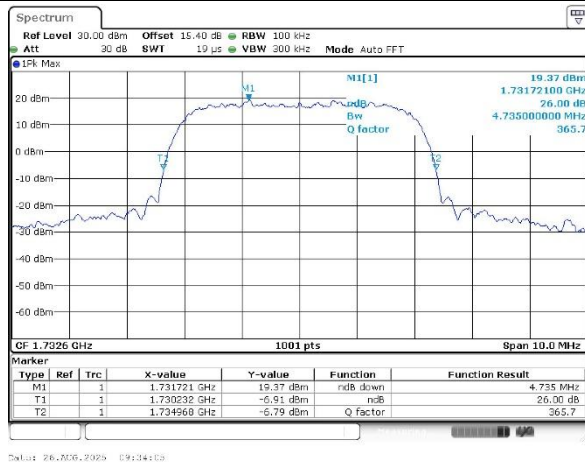


WCDMA Band IV (RMC 12.2Kbps)

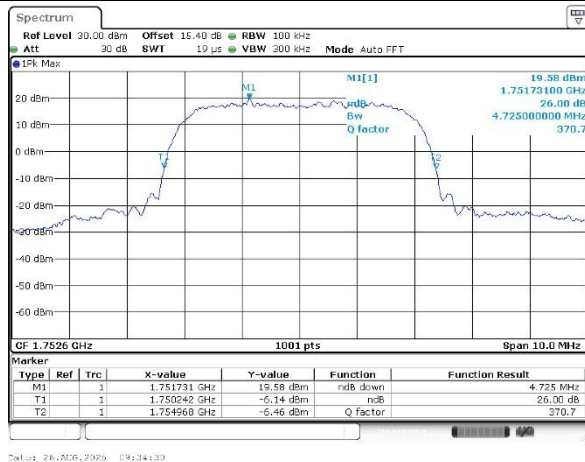
Lowest Channel



Middle Channel



Highest Channel





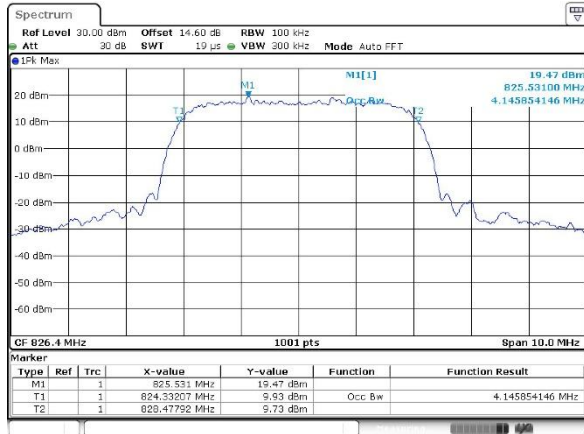
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.15	4.15	4.15
Middle CH	4.14	4.16	4.15
Highest CH	4.14	4.15	4.15



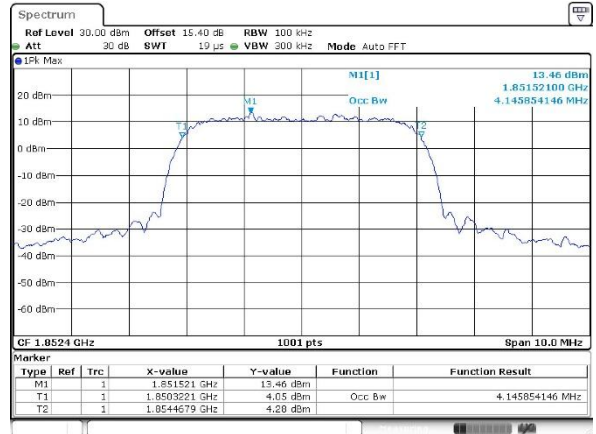
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

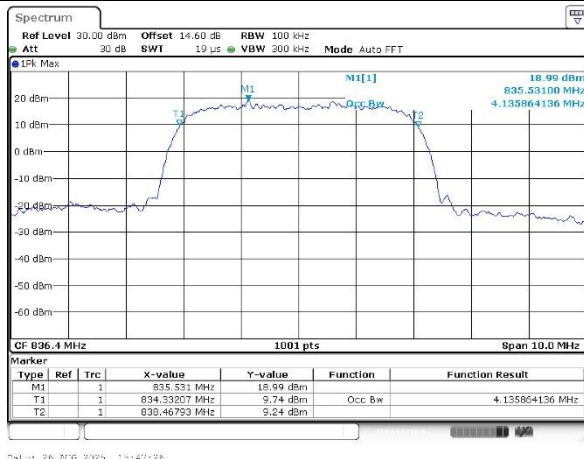


WCDMA Band II (RMC 12.2Kbps)

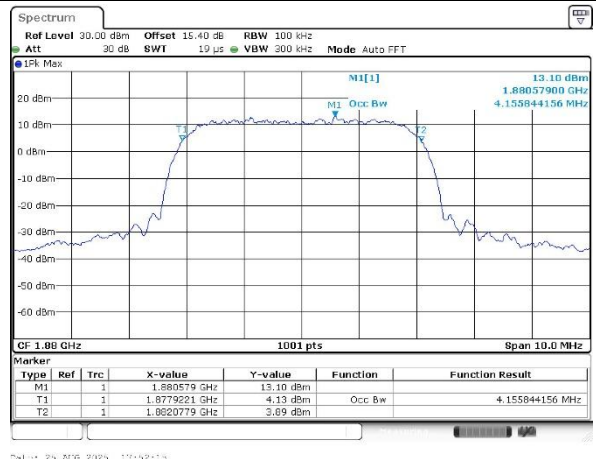
Lowest Channel



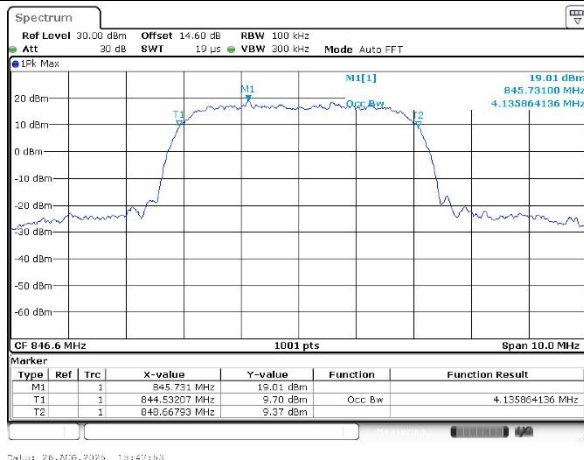
Middle Channel



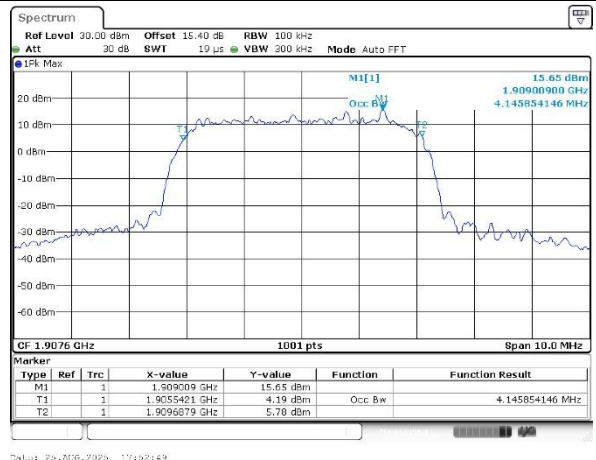
Middle Channel



Highest Channel



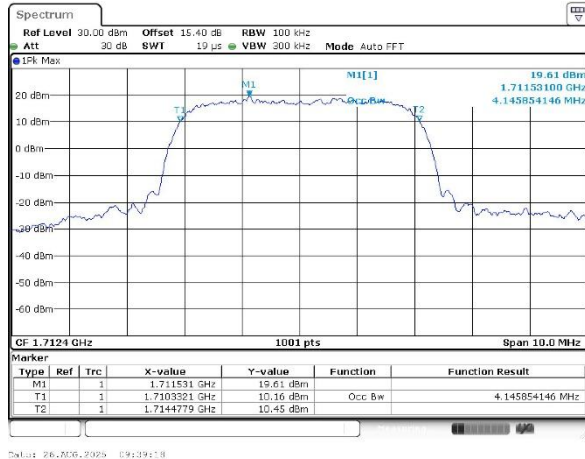
Highest Channel



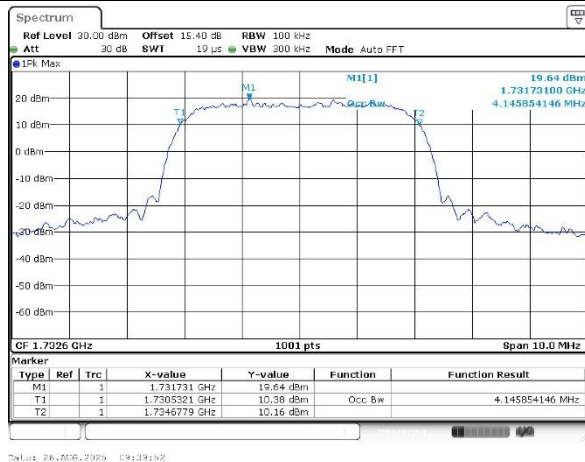


WCDMA Band IV (RMC 12.2Kbps)

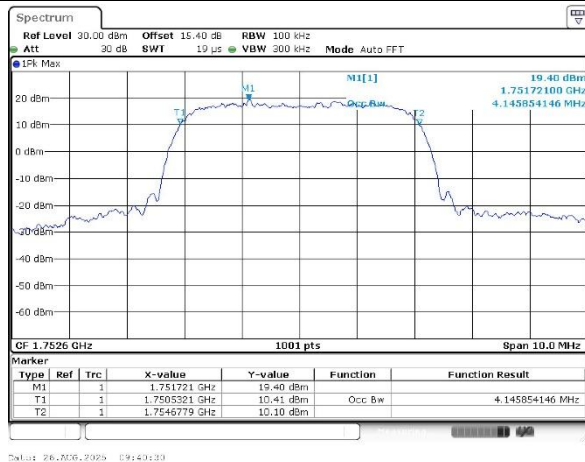
Lowest Channel



Middle Channel



Highest Channel

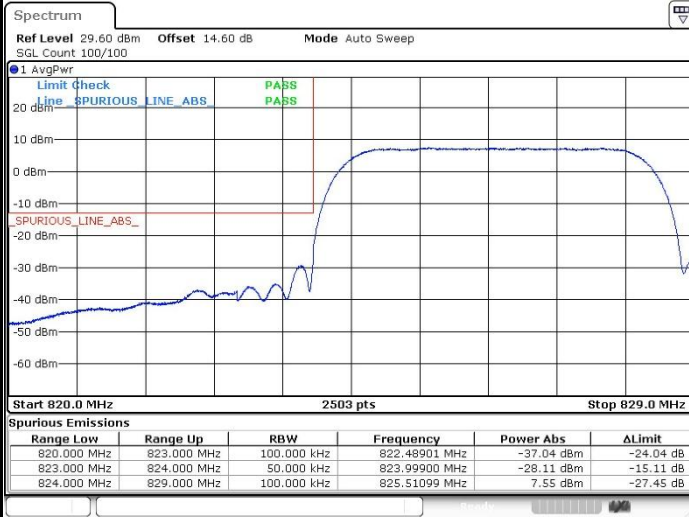




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

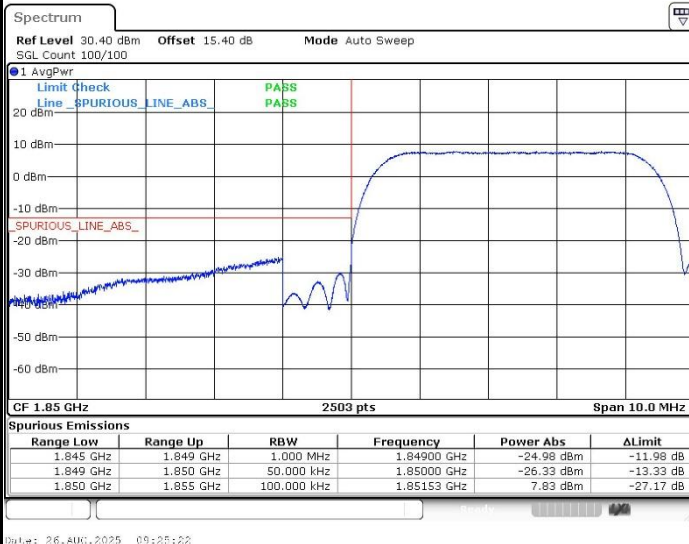


Highest Band Edge

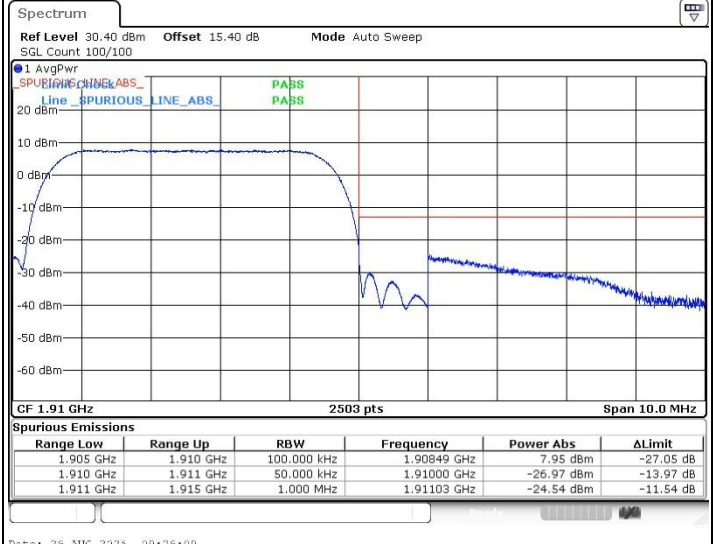


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

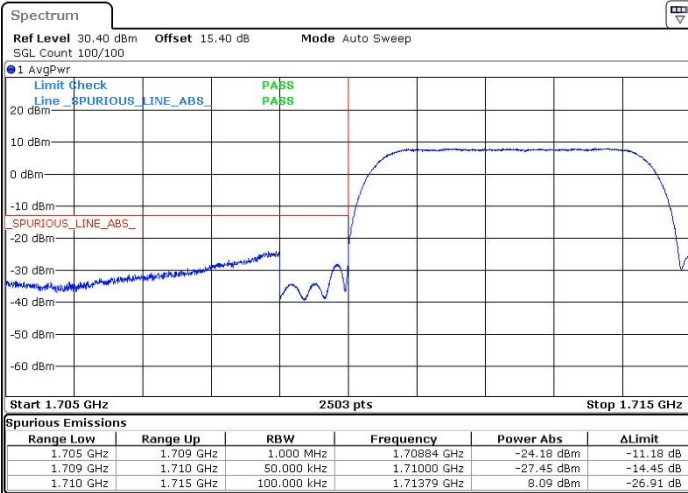




WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 26.AUG.2025 09:42:33



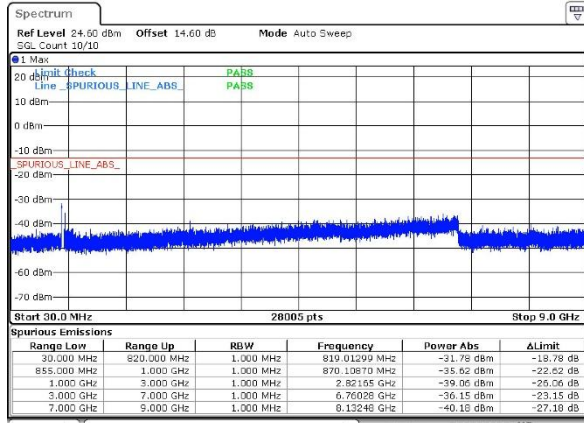
Date: 26.AUG.2025 09:44:22



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

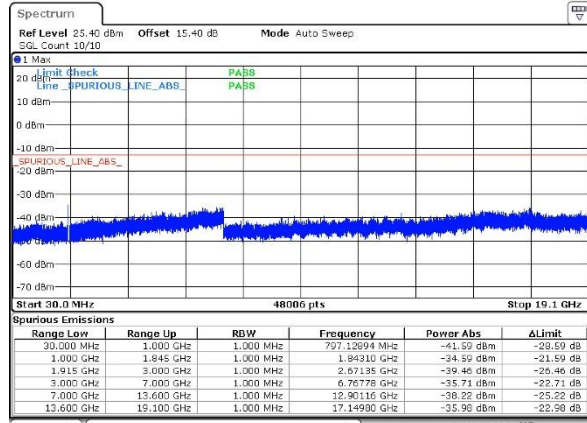
Lowest Channel



Date: 26.06.2025 10:48:30

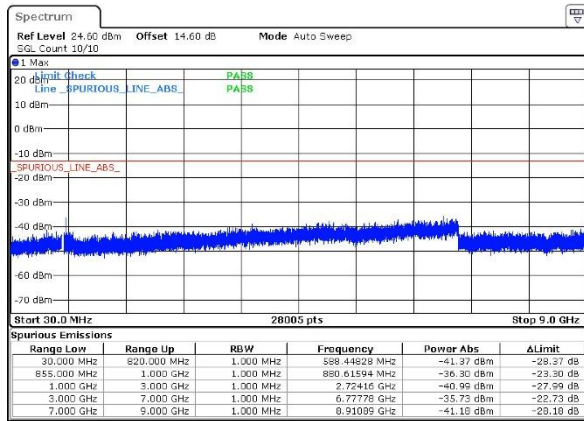
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



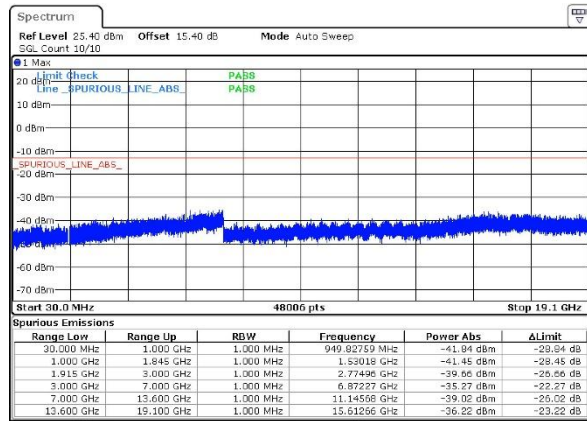
Date: 26.06.2025 09:27:44

Middle Channel



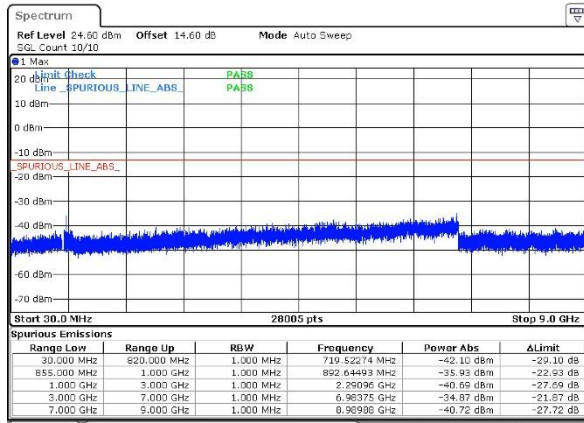
Date: 26.06.2025 10:48:37

Middle Channel



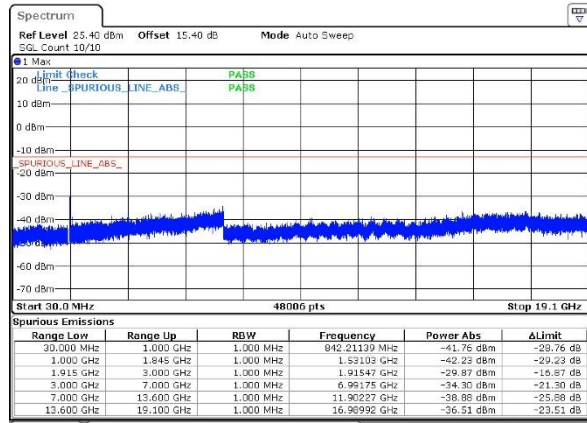
Date: 26.06.2025 09:28:37

Highest Channel



Date: 26.06.2025 10:49:24

Highest Channel

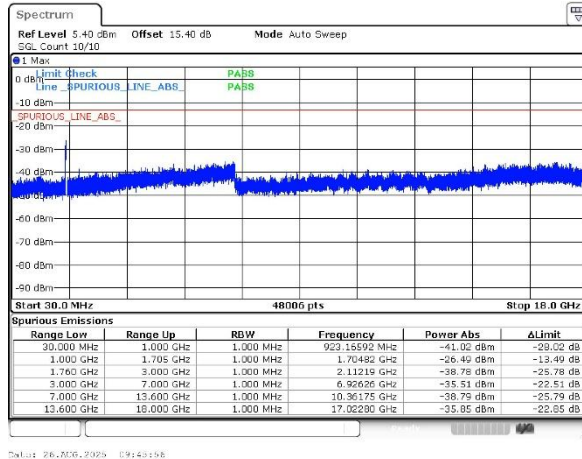


Date: 26.06.2025 09:29:49

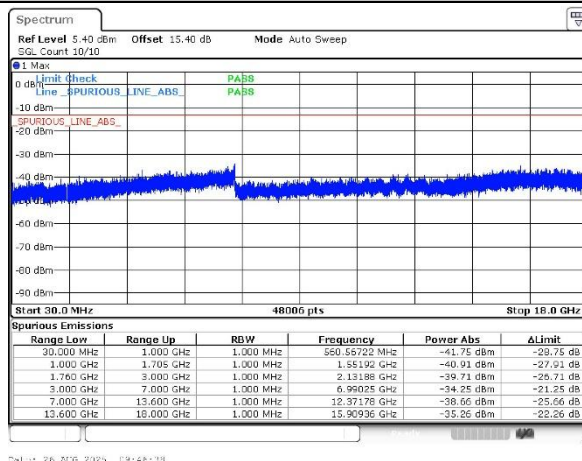


WCDMA Band IV (RMC 12.2Kbps)

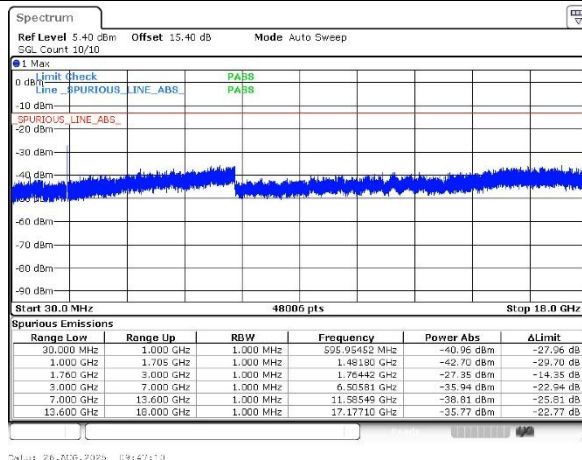
Lowest Channel



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	0.0016	PASS
40	Normal Voltage	0.0285	
30	Normal Voltage	0.0152	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0074	
0	Normal Voltage	0.0251	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0328	
20	Maximum Voltage	0.0157	
20	Normal Voltage	0.0196	
20	Battery End Point	0.0285	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0152	PASS
40	Normal Voltage	0.0421	
30	Normal Voltage	0.0162	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0152	
-20	Normal Voltage	0.0129	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0104	
20	Battery End Point	0.0075	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0174	PASS
40	Normal Voltage	0.0052	
30	Normal Voltage	0.0114	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0261	
0	Normal Voltage	0.0174	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0248	
-30	Normal Voltage	0.0163	
20	Maximum Voltage	0.0174	
20	Normal Voltage	0.0125	
20	Battery End Point	0.0075	

Note:

1. Normal Voltage =3.81 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V
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 :	Chris	Temperature :	22~25℃
		Relative Humidity :	48~52%

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) / ANT 1								
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	-41.54	-13	-28.54	-48.51	1.58	10.70	H
	2512	-42.39	-13	-29.39	-50.64	2.102	12.50	H
	3344	-57.76	-13	-44.76	-66.65	2.856	13.90	H
	1672	-47.63	-13	-34.63	-54.60	1.58	10.70	V
	2512	-43.99	-13	-30.99	-52.24	2.10	12.50	V
	3344	-58.04	-13	-45.04	-66.93	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 1								
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	-44.53	-13	-31.53	-51.50	1.58	10.70	H
	2512	-52.77	-13	-39.77	-61.02	2.102	12.50	H
	3344	-57.77	-13	-44.77	-66.66	2.856	13.90	H
	1672	-53.54	-13	-40.54	-60.51	1.58	10.70	V
	2512	-48.02	-13	-35.02	-56.27	2.10	12.50	V
	3344	-57.69	-13	-44.69	-66.58	2.86	13.90	V

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



GSM1900 (GSM) / ANT 4								
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	-56.15	-13	-43.15	-68.41	2.641	14.90	H
	5640	-55.20	-13	-42.20	-67.06	2.94	14.80	H
	7515	-52.06	-13	-39.06	-61.83	3.39	13.16	H
	3765	-55.79	-13	-42.79	-68.05	2.64	14.90	V
	5640	-55.60	-13	-42.60	-67.46	2.94	14.80	V
	7515	-51.82	-13	-38.82	-61.59	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 4								
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	-56.00	-13	-43.00	-68.26	2.641	14.90	H
	5640	-54.97	-13	-41.97	-66.83	2.94	14.80	H
	7515	-51.71	-13	-38.71	-61.48	3.39	13.16	H
	3765	-55.57	-13	-42.57	-67.83	2.64	14.90	V
	5640	-55.66	-13	-42.66	-67.52	2.94	14.80	V
	7515	-51.87	-13	-38.87	-61.64	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 1								
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	-56.53	-13	-43.53	-63.50	1.58	10.70	H
	2512	-58.08	-13	-45.08	-66.33	2.102	12.50	H
	3344	-57.84	-13	-44.84	-66.73	2.856	13.90	H
	1672	-60.69	-13	-47.69	-67.66	1.58	10.70	V
	2512	-56.97	-13	-43.97	-65.22	2.10	12.50	V
	3344	-57.93	-13	-44.93	-66.82	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 4								
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	-56.16	-13	-43.16	-68.42	2.641	14.90	H
	5640	-55.01	-13	-42.01	-66.87	2.94	14.80	H
	7515	-52.05	-13	-39.05	-61.82	3.39	13.16	H
	3765	-55.68	-13	-42.68	-67.94	2.64	14.90	V
	5640	-55.52	-13	-42.52	-67.38	2.94	14.80	V
	7515	-51.87	-13	-38.87	-61.64	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 4								
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	-57.09	-13	-44.09	-67.83	2.604	13.34	H
	5190	-54.78	-13	-41.78	-65.29	3.011	13.52	H
	6930	-53.85	-13	-40.85	-64.05	3.271	13.47	H
	3465	-57.51	-13	-44.51	-68.25	2.604	13.34	V
	5190	-54.69	-13	-41.69	-65.20	3.011	13.52	V
	6930	-53.99	-13	-40.99	-64.19	3.271	13.47	V

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