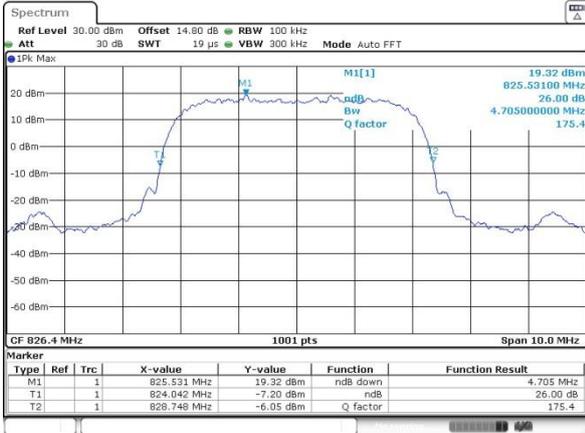




WCDMA Band V (RMC 12.2Kbps)

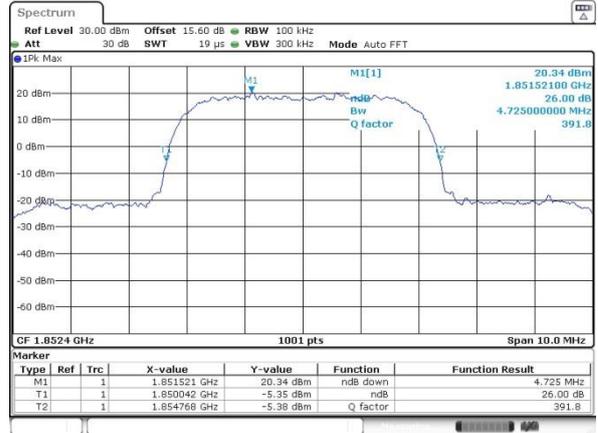
Lowest Channel



Date: 10_DEC.2024 01:00:26

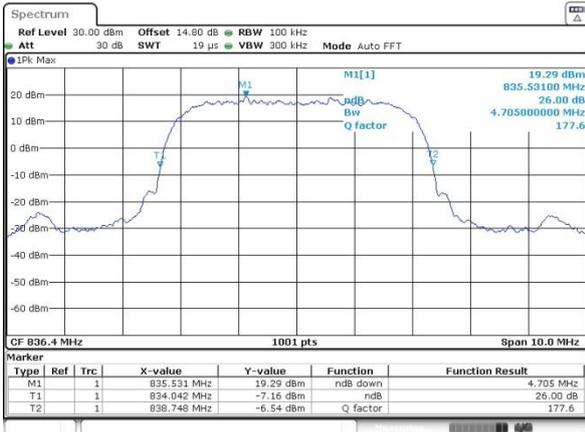
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



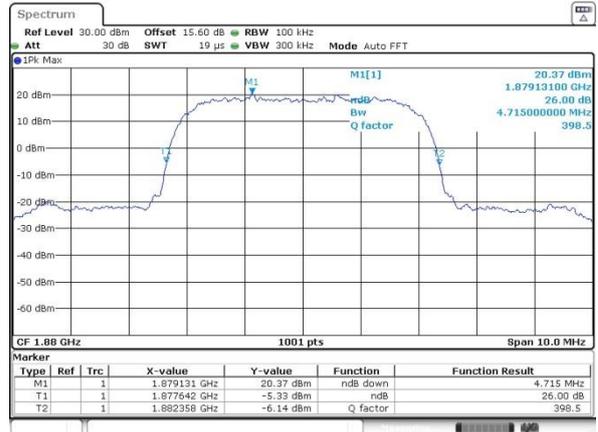
Date: 9_DEC.2024 22:46:26

Middle Channel



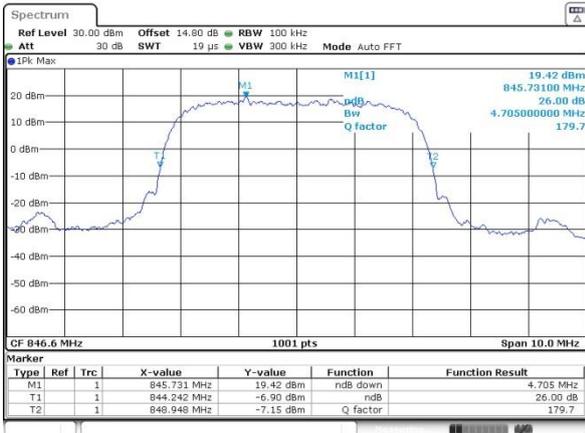
Date: 10_DEC.2024 01:01:02

Middle Channel



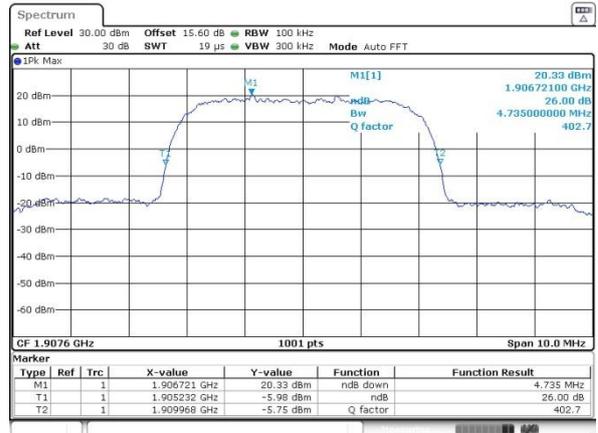
Date: 9_DEC.2024 22:47:04

Highest Channel



Date: 10_DEC.2024 01:01:38

Highest Channel

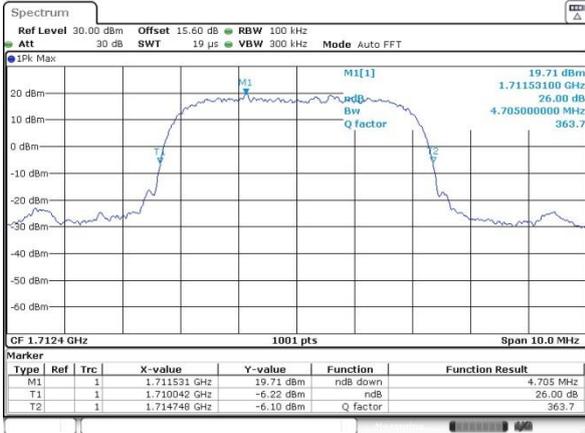


Date: 9_DEC.2024 22:47:47



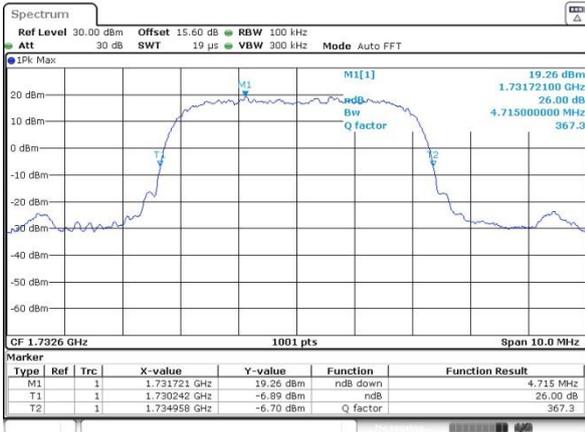
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



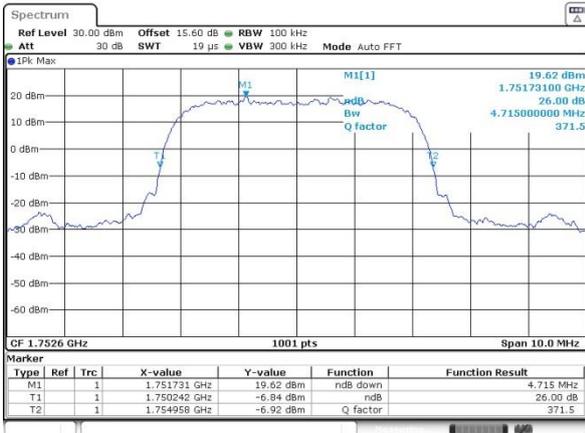
Date: 10, DEC, 2024 00:32:06

Middle Channel



Date: 10, DEC, 2024 00:32:58

Highest Channel



Date: 10, DEC, 2024 00:33:40



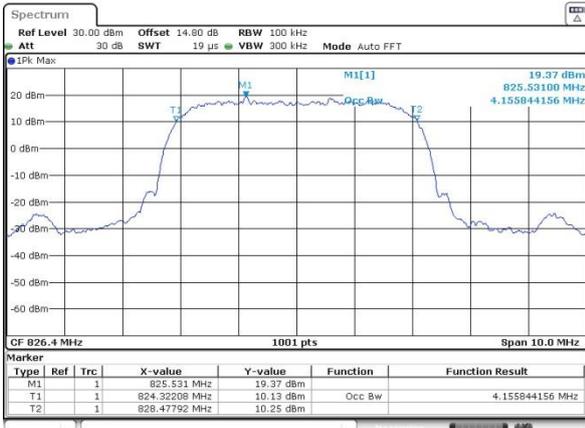
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.156	4.166	4.166
Middle CH	4.156	4.166	4.156
Highest CH	4.156	4.176	4.166



WCDMA Band V (RMC 12.2Kbps)

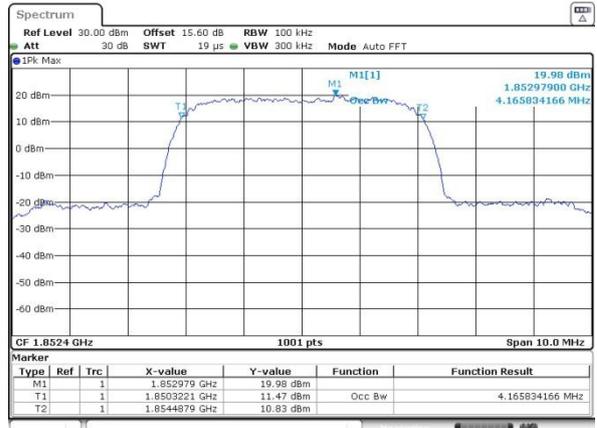
Lowest Channel



Date: 10_DEC.2024 01:07:55

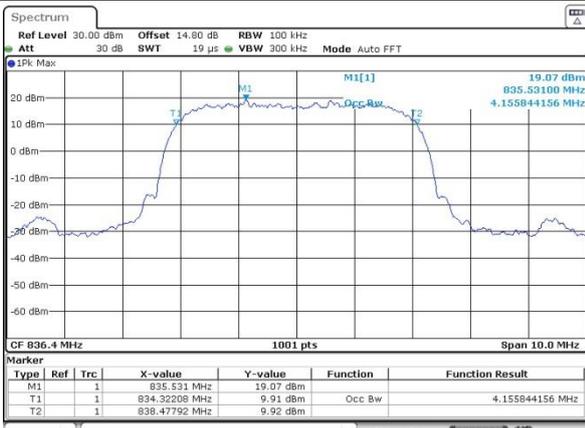
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



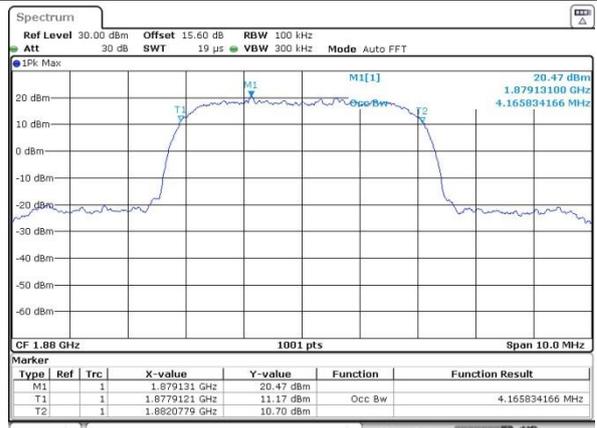
Date: 9_DEC.2024 22:48:32

Middle Channel



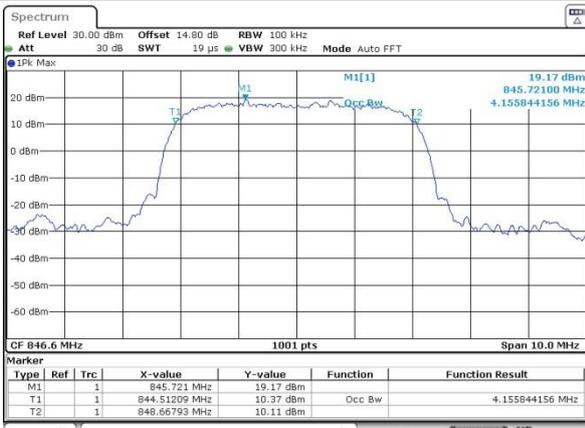
Date: 10_DEC.2024 01:08:23

Middle Channel



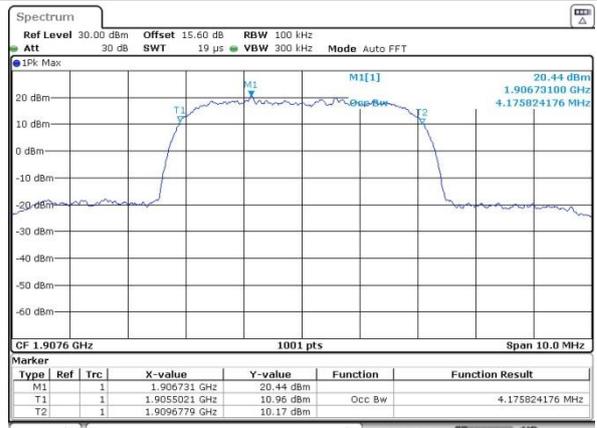
Date: 9_DEC.2024 22:49:09

Highest Channel



Date: 10_DEC.2024 01:08:52

Highest Channel

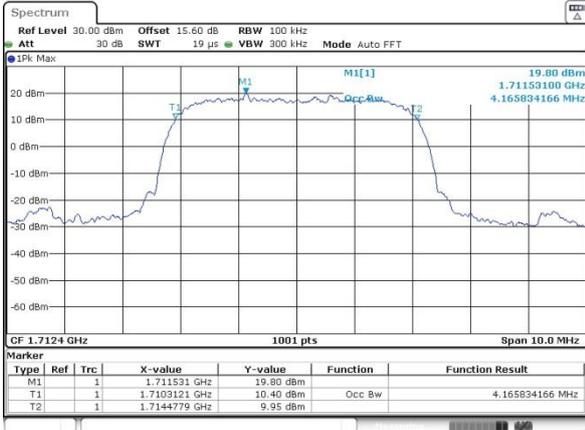


Date: 9_DEC.2024 22:49:37



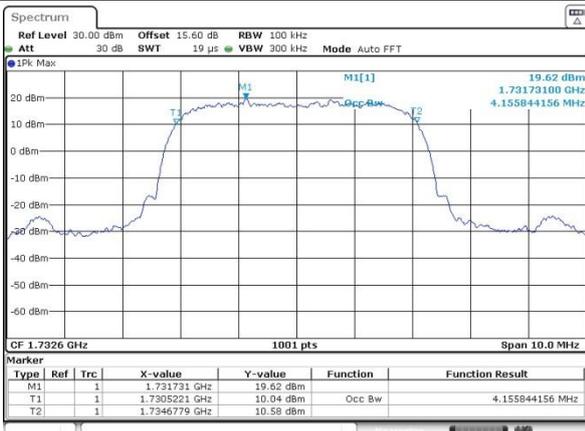
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



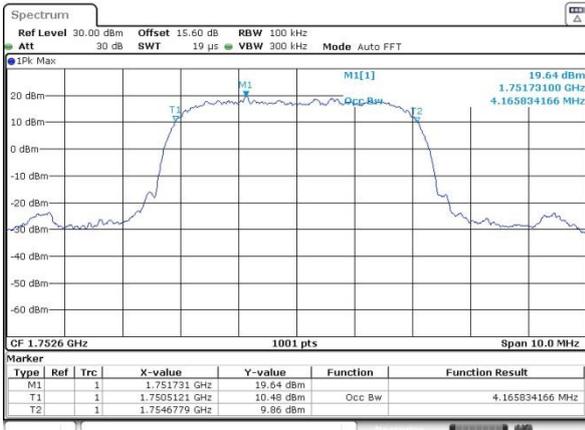
Date: 10, DEC, 2024 00:35:09

Middle Channel



Date: 10, DEC, 2024 00:37:37

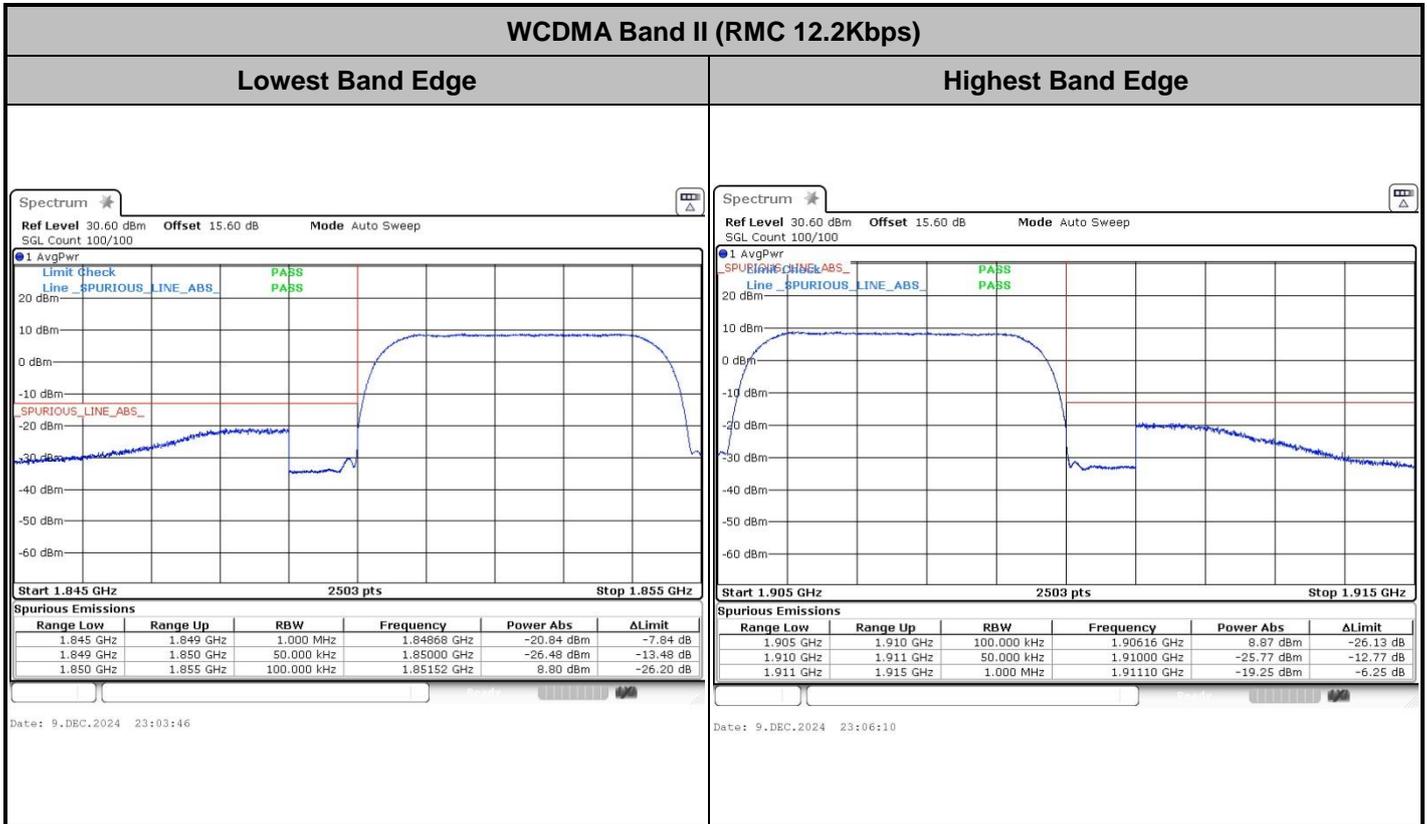
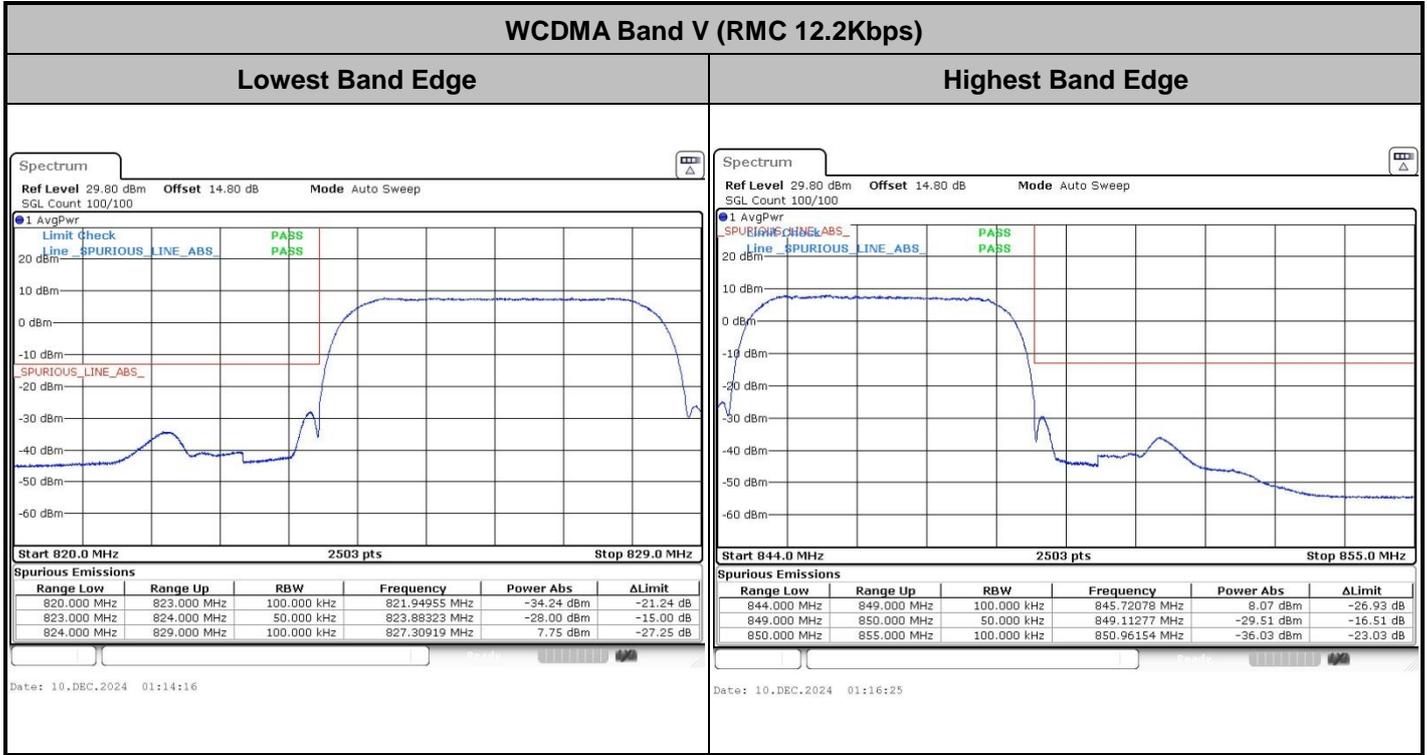
Highest Channel



Date: 10, DEC, 2024 00:38:27



Conducted Band Edge





WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



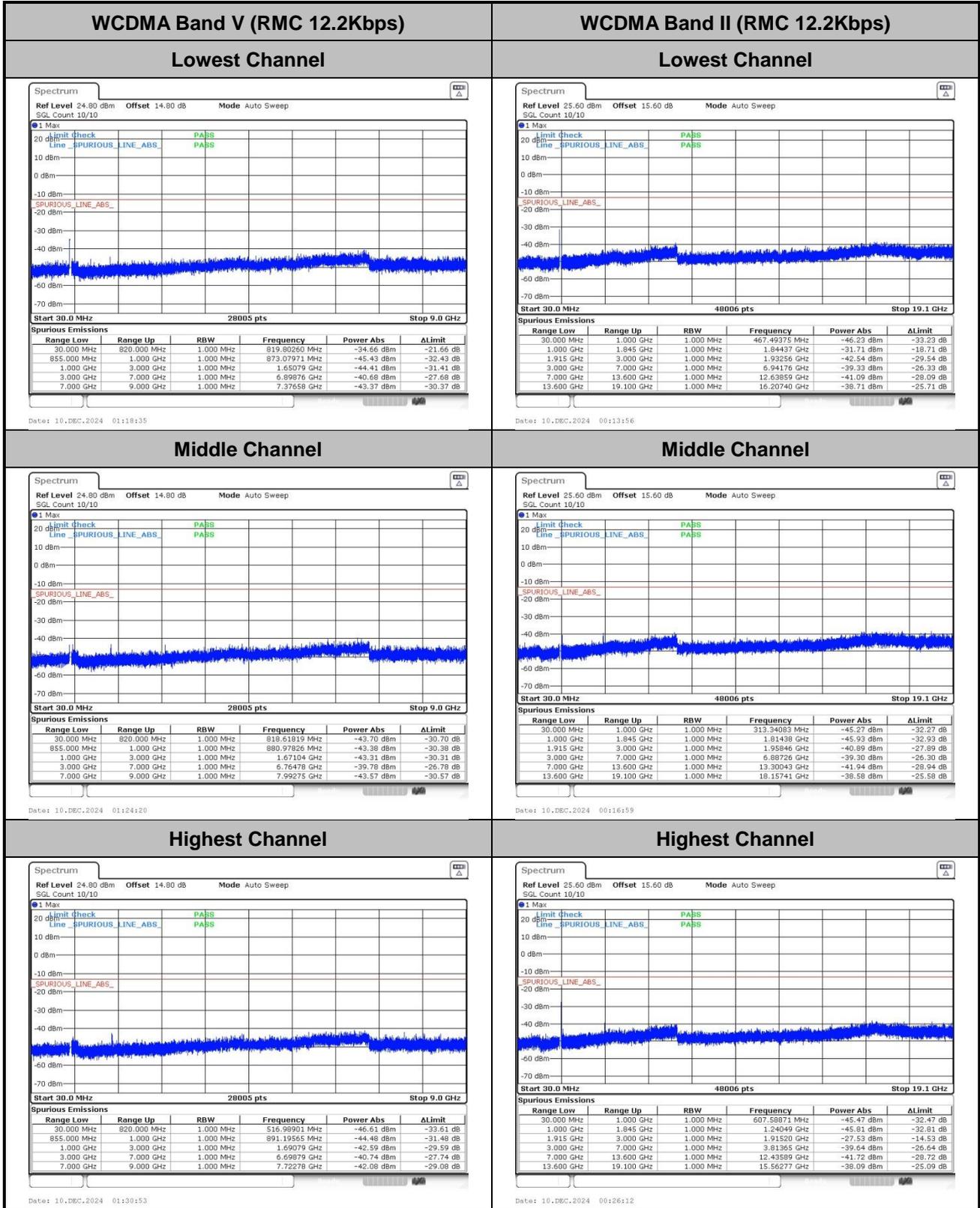
Date: 10.DEC.2024 00:43:59



Date: 10.DEC.2024 00:46:00



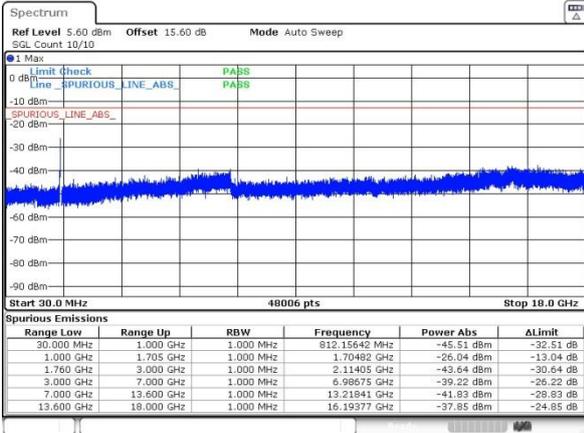
Conducted Spurious Emission





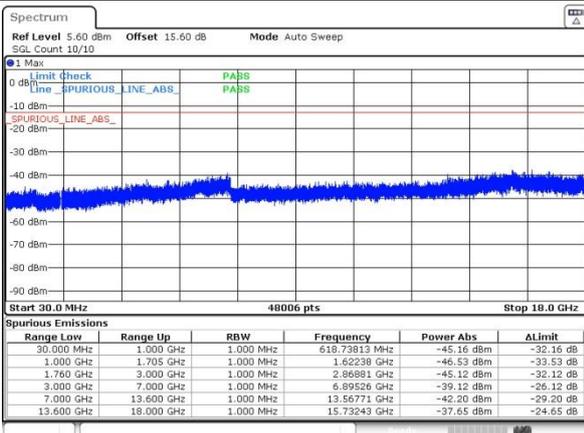
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



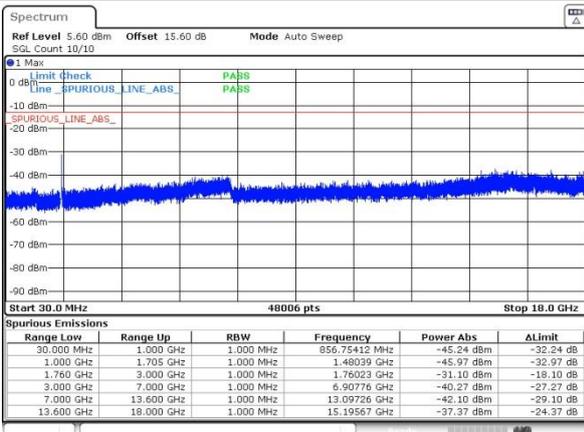
Date: 10, DEC, 2024 00:48:56

Middle Channel



Date: 10, DEC, 2024 00:51:11

Highest Channel



Date: 10, DEC, 2024 00:55:13



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	0.0051	PASS
40	Normal Voltage	0.0323	
30	Normal Voltage	0.0481	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0342	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0115	
-30	Normal Voltage	0.0432	
20	Maximum Voltage	0.0315	
20	Normal Voltage	0.0105	
20	Battery End Point	0.0231	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0116	PASS
40	Normal Voltage	0.0362	
30	Normal Voltage	0.0148	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0133	
0	Normal Voltage	0.0159	
-10	Normal Voltage	0.0215	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0144	
20	Maximum Voltage	0.0109	
20	Normal Voltage	0.0037	
20	Battery End Point	0.0029	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0093	PASS
40	Normal Voltage	0.0149	
30	Normal Voltage	0.0062	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0106	
-20	Normal Voltage	0.0149	
-30	Normal Voltage	0.0167	
20	Maximum Voltage	0.0491	
20	Normal Voltage	0.0319	
20	Battery End Point	0.0143	

Note:

1. Normal Voltage = 3.91V ; Minimum Voltage =3.45V. ; 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 :	Smile Wang	Temperature :	23~25°C
		Relative Humidity :	41~42%

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	-53.79	-13	-40.79	-60.76	1.58	10.70	H
	2512	-33.50	-13	-20.50	-41.75	2.102	12.50	H
	3344	-58.26	-13	-45.26	-67.15	2.856	13.90	H
	4184	-47.74	-13	-34.74	-56.20	2.689	13.30	H
	1672	-54.07	-13	-41.07	-61.04	1.58	10.70	V
	2512	-32.35	-13	-19.35	-40.60	2.10	12.50	V
	3344	-59.16	-13	-46.16	-68.05	2.86	13.90	V
	4182	-55.72	-13	-42.72	-64.18	2.69	13.30	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	-56.91	-13	-43.91	-63.88	1.58	10.70	H
	2512	-41.86	-13	-28.86	-50.11	2.102	12.50	H
	3344	-59.17	-13	-46.17	-68.06	2.856	13.90	H
	4184	-51.18	-13	-38.18	-59.64	2.689	13.30	H
	1672	-54.63	-13	-41.63	-61.60	1.58	10.70	V
	2512	-40.52	-13	-27.52	-48.77	2.10	12.50	V
	3344	-58.98	-13	-45.98	-67.87	2.86	13.90	V
	4184	-58.62	-13	-45.62	-67.08	2.69	13.30	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	-52.04	-13	-39.04	-64.30	2.64	14.90	H
	5640	-36.78	-13	-23.78	-48.64	2.94	14.80	H
	7515	-53.18	-13	-40.18	-62.95	3.39	13.16	H
	3765	-54.05	-13	-41.05	-66.31	2.64	14.90	V
	5640	-38.09	-13	-25.09	-49.95	2.94	14.80	V
	7515	-52.88	-13	-39.88	-62.65	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	-52.10	-13	-39.10	-64.36	2.64	14.90	H
	5640	-45.80	-13	-32.80	-57.66	2.94	14.80	H
	7515	-53.05	-13	-40.05	-62.82	3.39	13.16	H
	3765	-56.16	-13	-43.16	-68.42	2.64	14.90	V
	5640	-39.44	-13	-26.44	-51.30	2.94	14.80	V
	7515	-53.00	-13	-40.00	-62.77	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	-60.31	-13	-47.31	-67.28	1.58	10.70	H
	2512	-48.98	-13	-35.98	-57.23	2.102	12.50	H
	3344	-59.13	-13	-46.13	-68.02	2.856	13.90	H
	1672	-57.26	-13	-44.26	-64.23	1.58	10.70	V
	2512	-47.28	-13	-34.28	-55.53	2.10	12.50	V
	3344	-59.29	-13	-46.29	-68.18	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	-57.34	-13	-44.34	-69.60	2.64	14.90	H
	5640	-56.53	-13	-43.53	-68.39	2.94	14.80	H
	7515	-52.83	-13	-39.83	-62.60	3.39	13.16	H
	3765	-56.90	-13	-43.90	-69.16	2.64	14.90	V
	5640	-51.24	-13	-38.24	-63.10	2.94	14.80	V
	7515	-52.92	-13	-39.92	-62.69	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	-58.13	-13	-45.13	-68.87	2.604	13.34	H
	5190	-53.39	-13	-40.39	-63.90	3.011	13.52	H
	6930	-55.99	-13	-42.99	-66.19	3.271	13.47	H
	3465	-57.74	-13	-44.74	-68.48	2.604	13.34	V
	5190	-50.18	-13	-37.18	-60.69	3.011	13.52	V
	6930	-55.89	-13	-42.89	-66.09	3.271	13.47	V

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