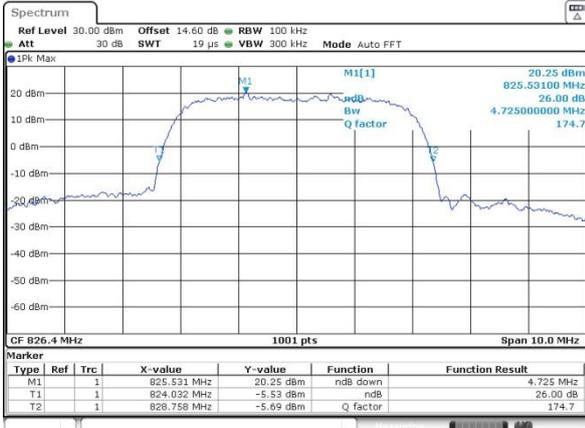




WCDMA Band V (RMC 12.2Kbps)

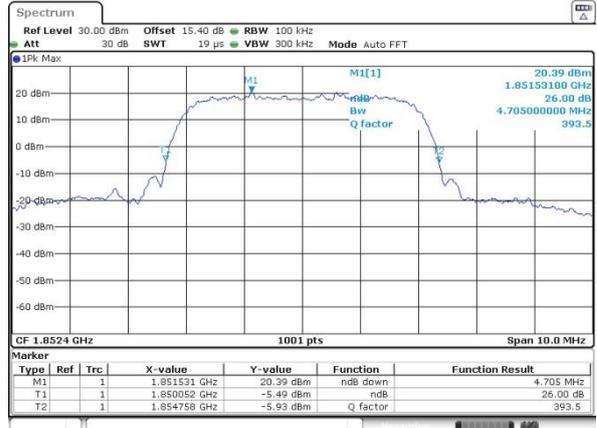
Lowest Channel



Date: 26 JUN 2022 18:52:40

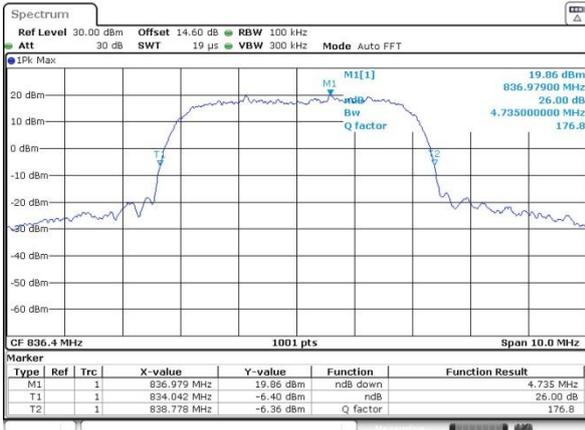
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



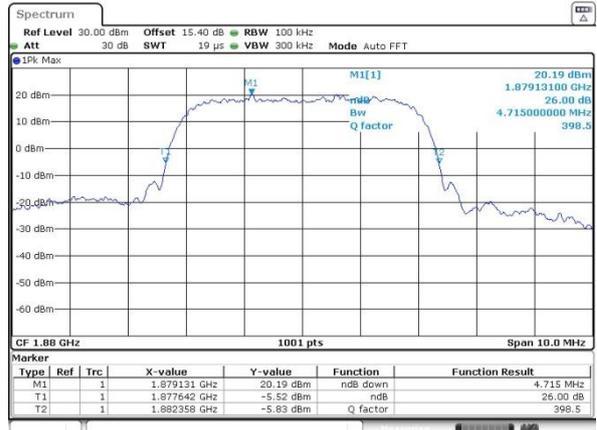
Date: 26 JUN 2022 19:30:14

Middle Channel



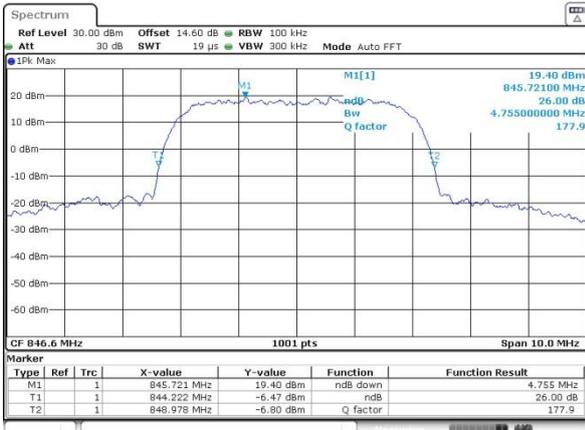
Date: 26 JUN 2022 18:53:09

Middle Channel



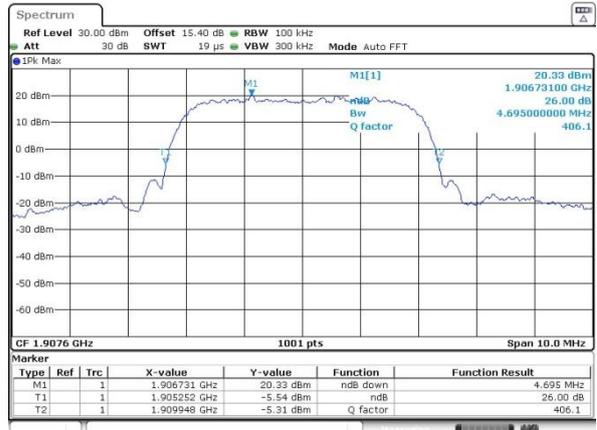
Date: 26 JUN 2022 19:31:30

Highest Channel

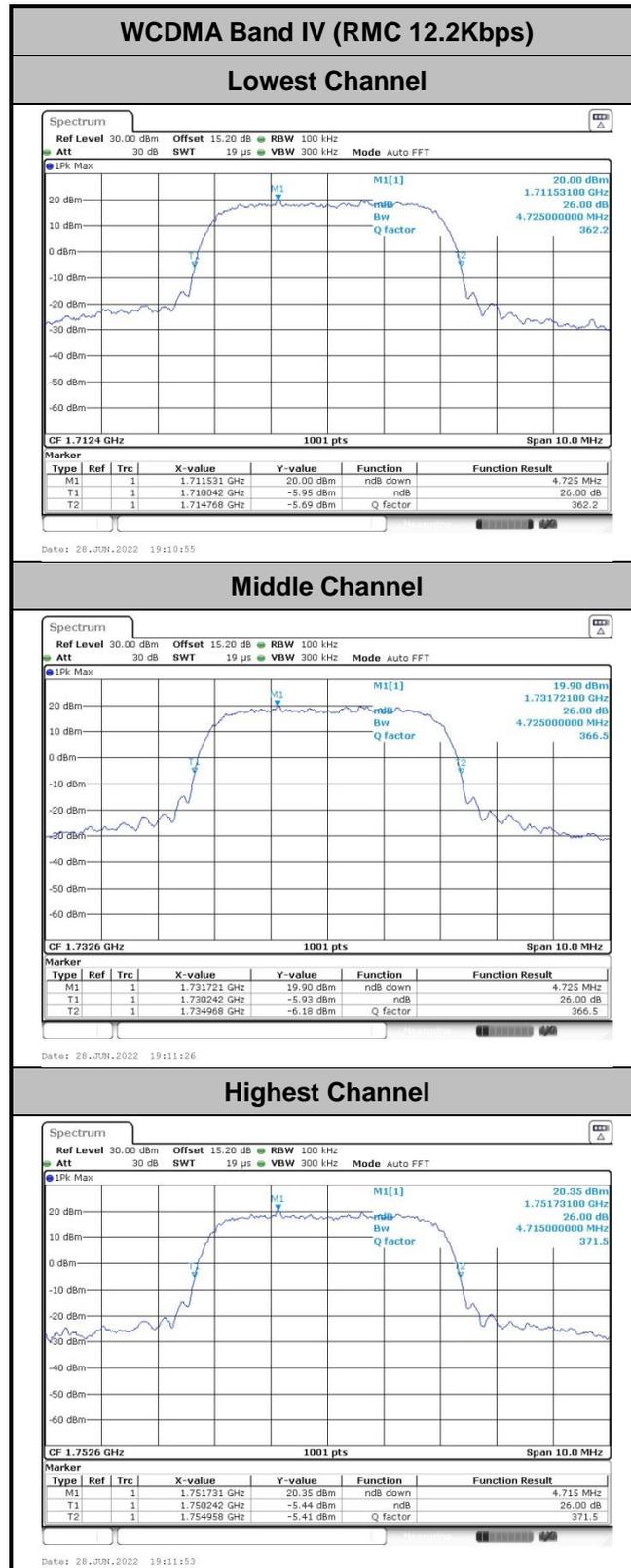


Date: 26 JUN 2022 18:53:33

Highest Channel



Date: 26 JUN 2022 19:32:12





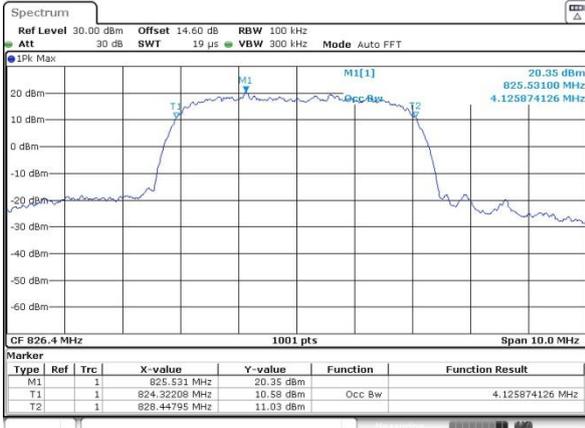
**Occupied Bandwidth**

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	4.13	4.14	4.16
Middle CH	4.15	4.15	4.15
Highest CH	4.17	4.15	4.14



WCDMA Band V (RMC 12.2Kbps)

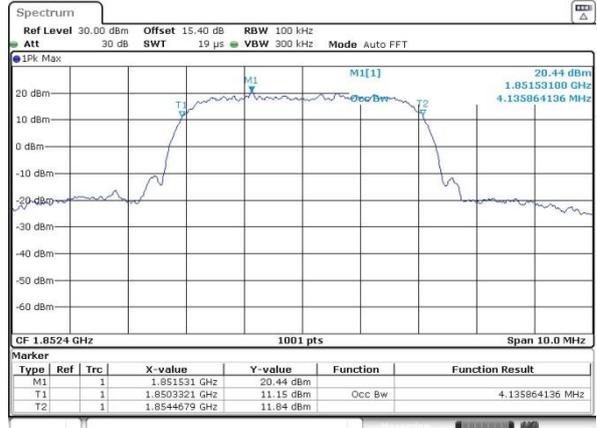
Lowest Channel



Date: 28 JUN 2022 18:54:14

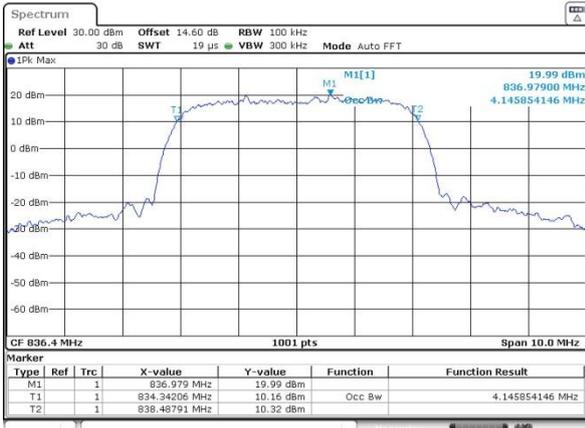
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



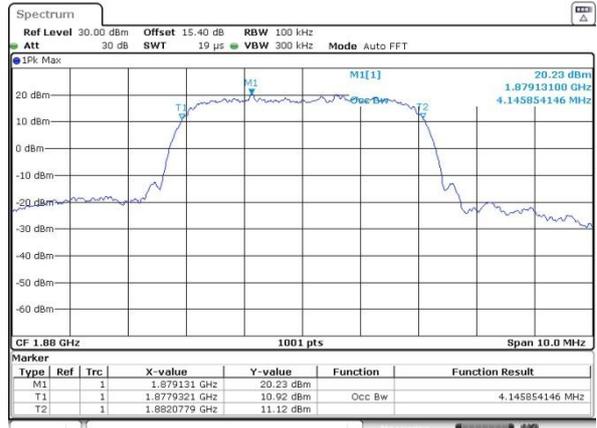
Date: 28 JUN 2022 19:36:17

Middle Channel



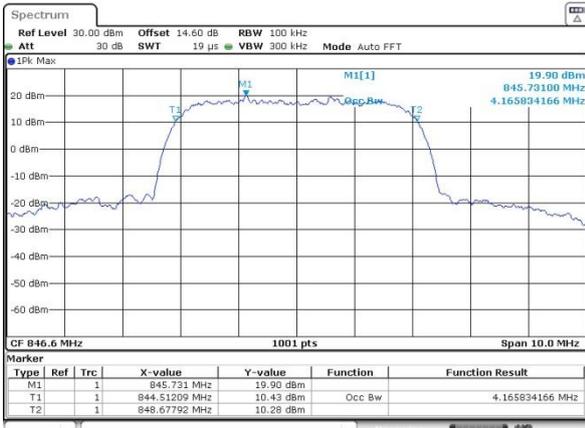
Date: 28 JUN 2022 18:54:46

Middle Channel



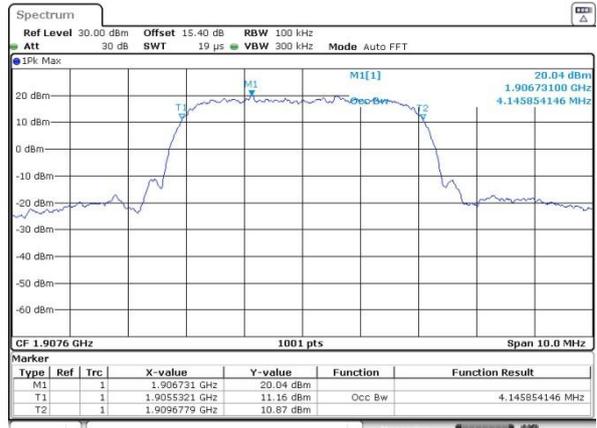
Date: 28 JUN 2022 19:38:22

Highest Channel

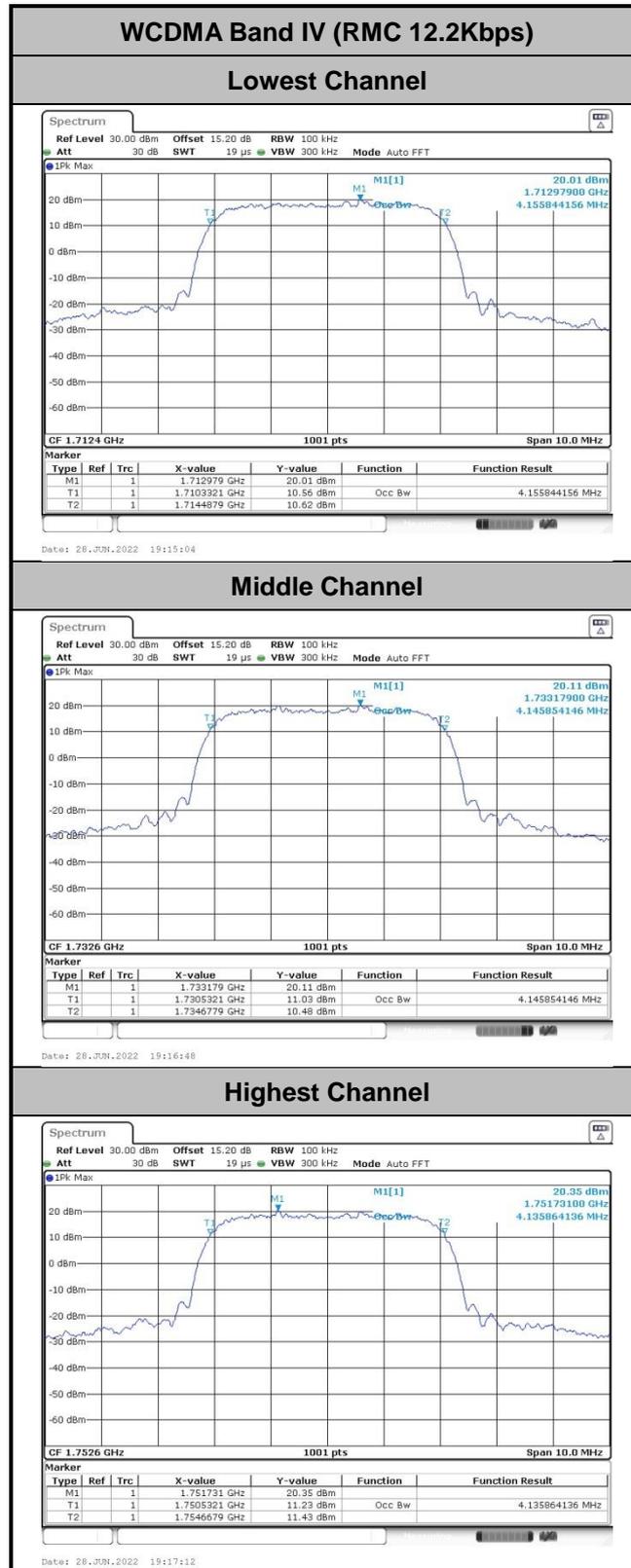


Date: 28 JUN 2022 18:55:11

Highest Channel

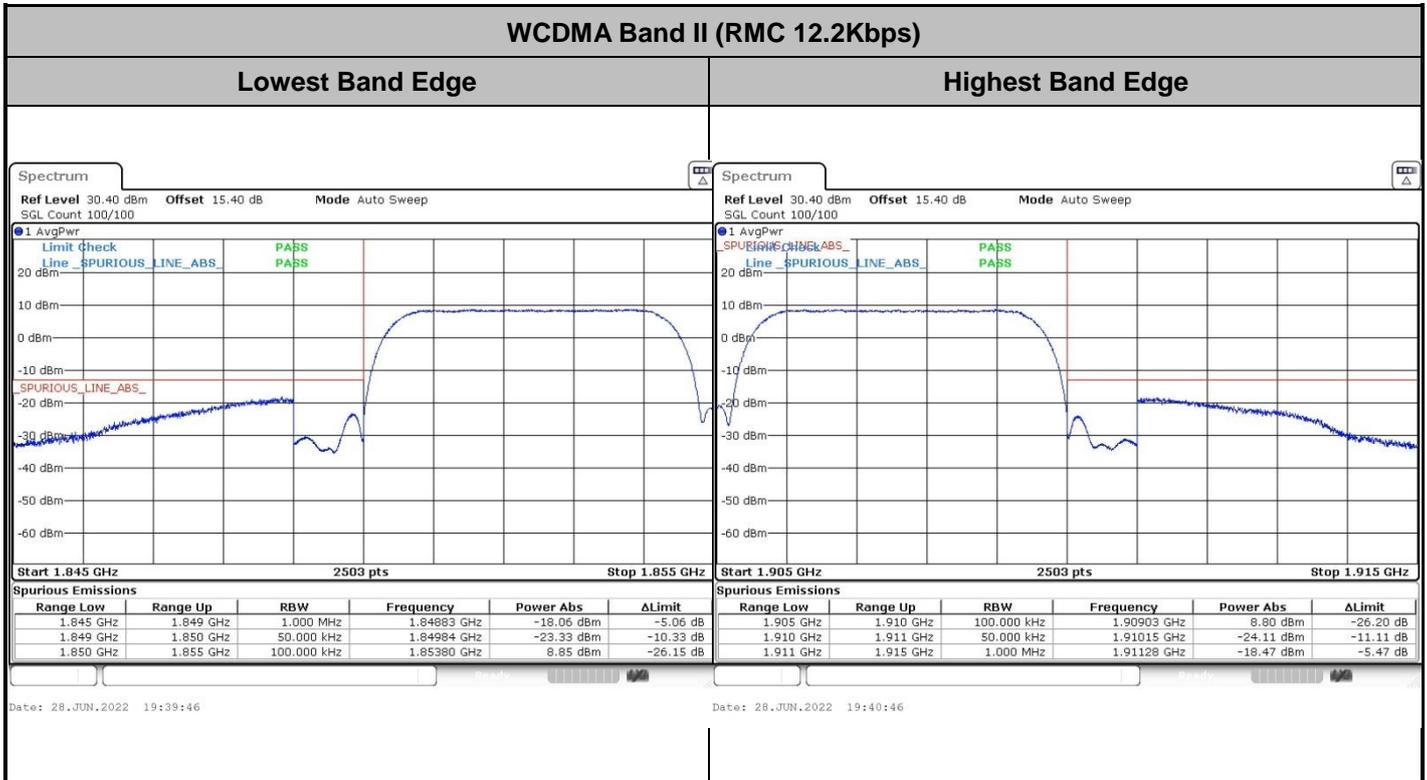
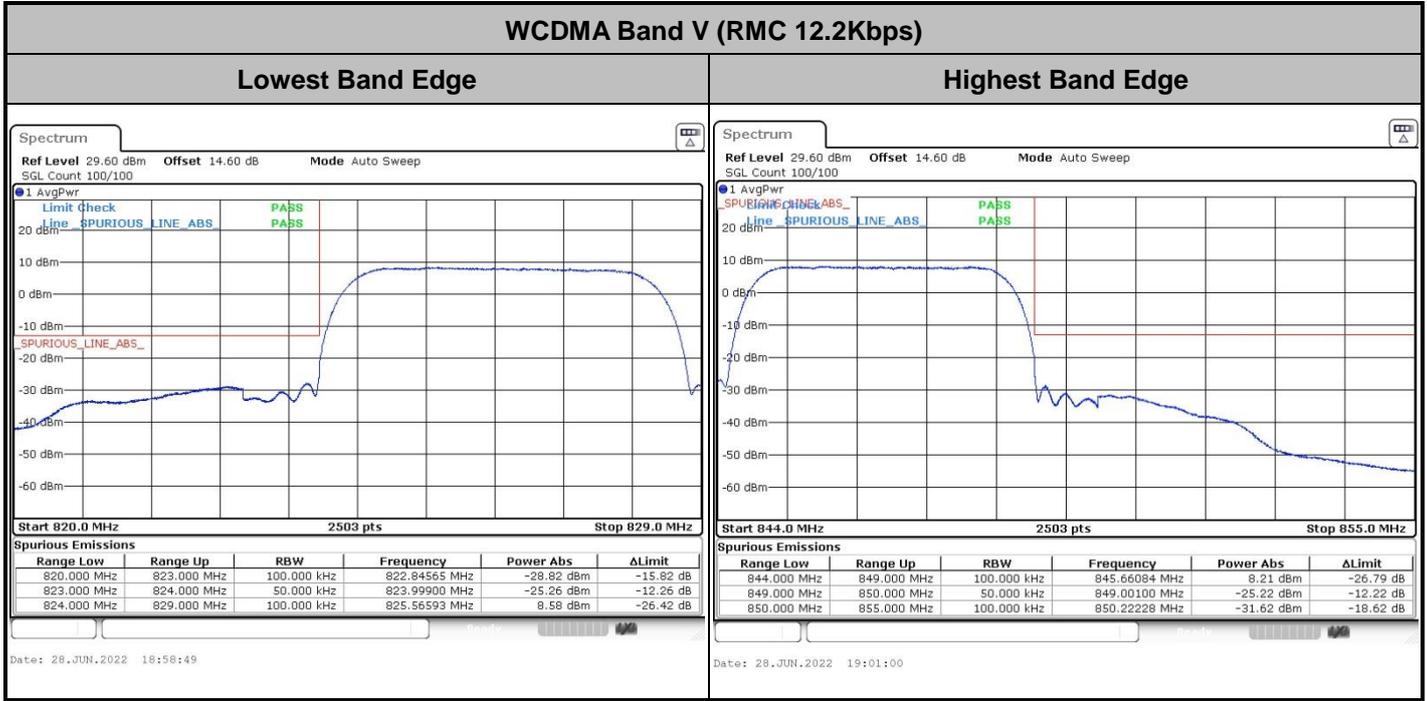


Date: 28 JUN 2022 19:38:48





# Conducted Band Edge

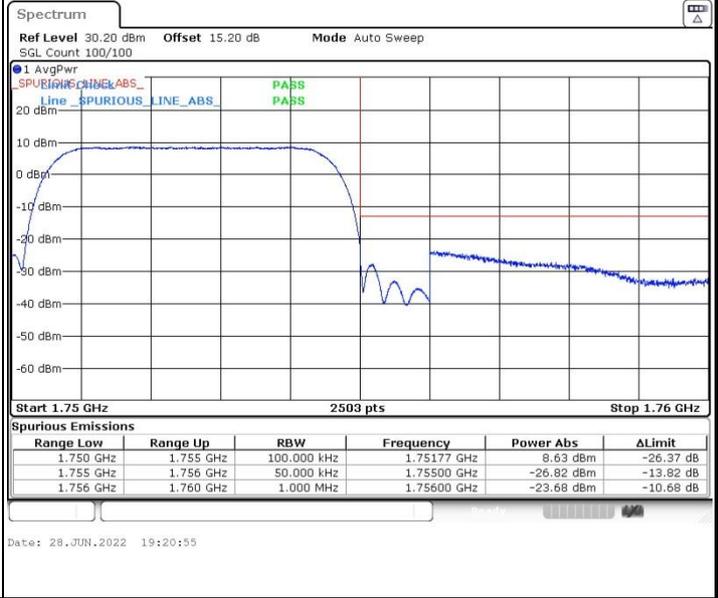
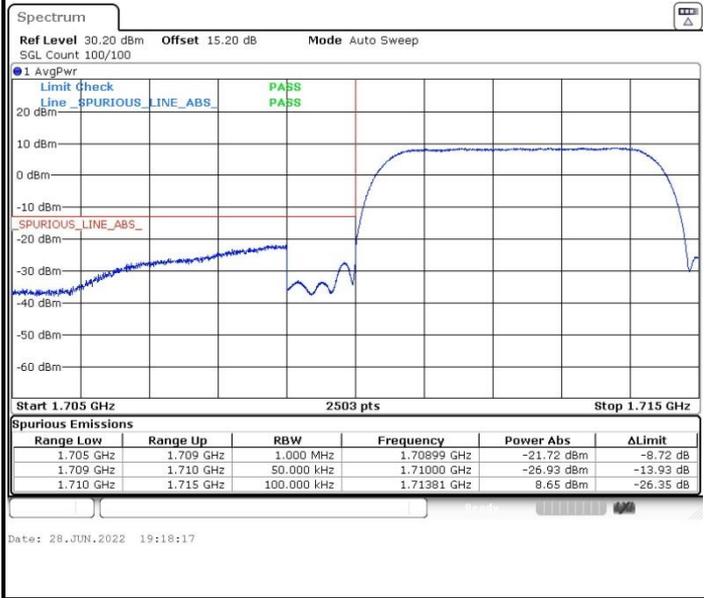




WCDMA Band IV (RMC 12.2Kbps)

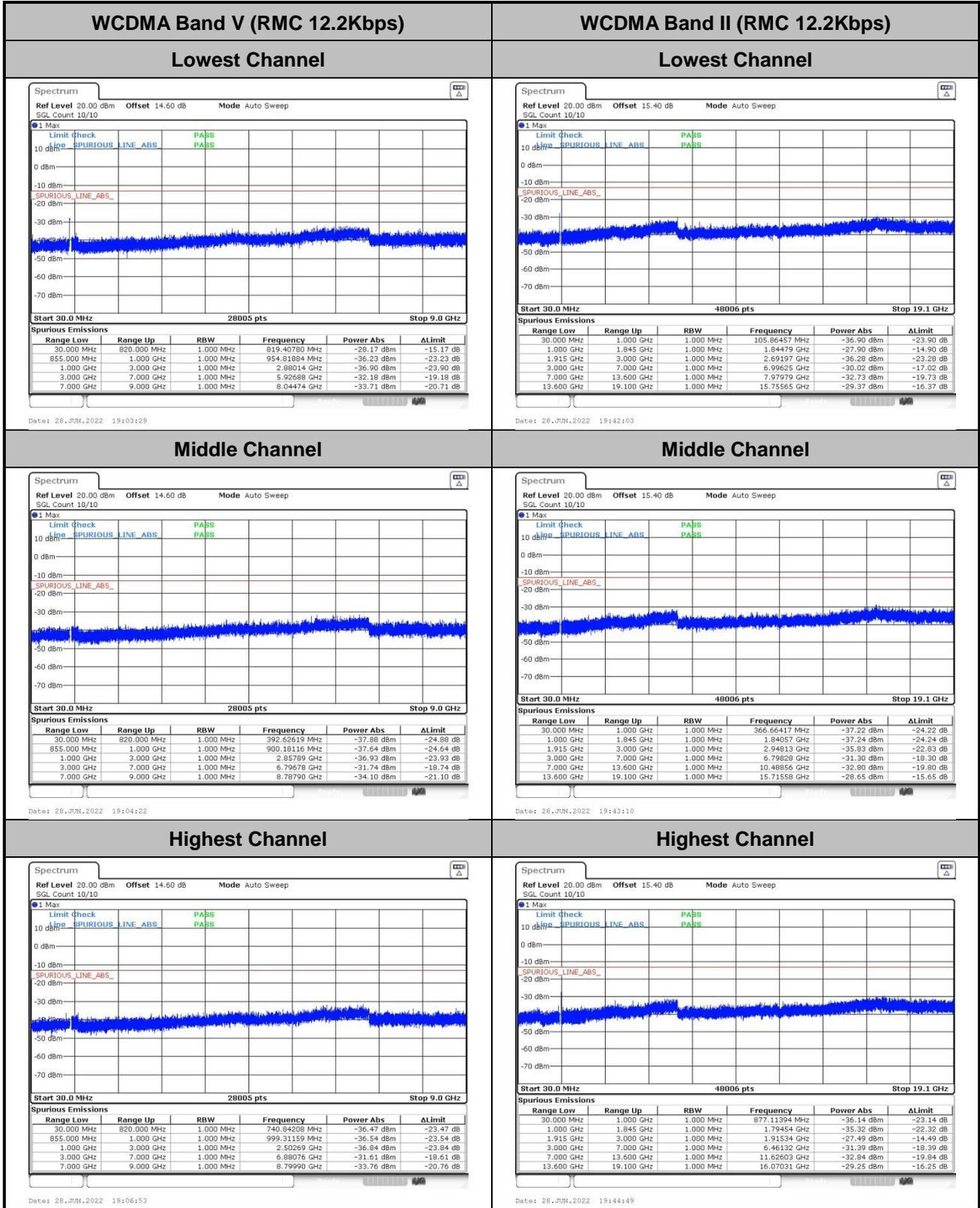
Lowest Band Edge

Highest Band Edge





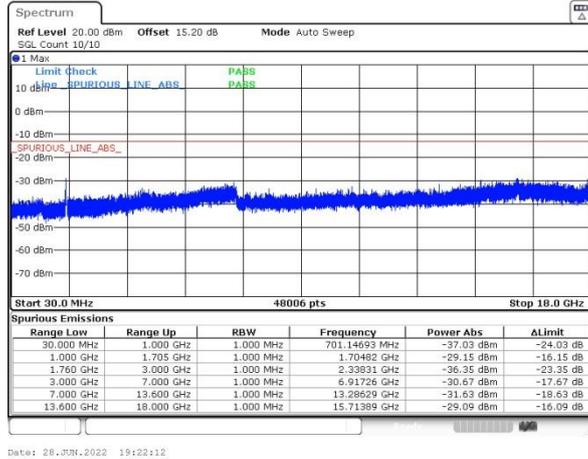
# Conducted Spurious Emission



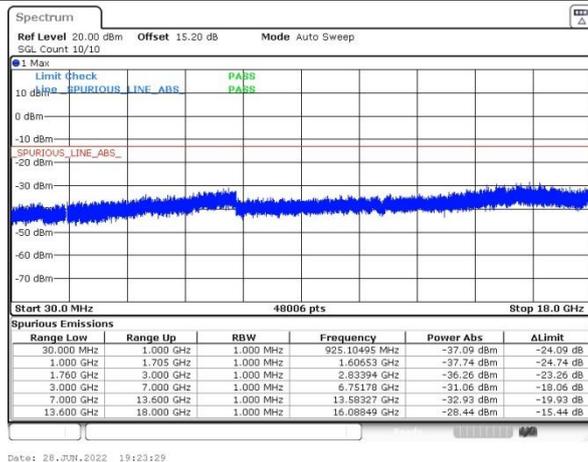


WCDMA Band IV (RMC 12.2Kbps)

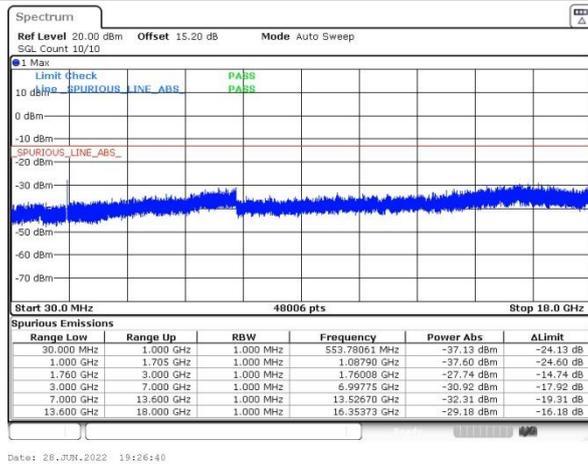
Lowest Channel



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	0.0051	PASS
40	Normal Voltage	0.0253	
30	Normal Voltage	0.0428	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0237	
-10	Normal Voltage	0.0052	
-20	Normal Voltage	0.0169	
-30	Normal Voltage	0.0343	
20	Maximum Voltage	0.0365	
20	Normal Voltage	0.0141	
20	Battery End Point	0.0055	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0171	PASS
40	Normal Voltage	0.0135	
30	Normal Voltage	0.0088	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0135	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0357	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0147	
20	Normal Voltage	0.0115	
20	Battery End Point	0.0083	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0152	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0138	
-20	Normal Voltage	0.0175	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0051	
20	Normal Voltage	0.0047	
20	Battery End Point	0.0119	

**Note:**

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.25V
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 :	Levi zhuo	Temperature :	22~23°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	-65.84	-13	-52.84	-72.81	1.58	10.70	H
	2508	-59.05	-13	-46.05	-67.30	2.102	12.50	H
	3348	-60.40	-13	-47.40	-69.29	2.856	13.90	H
	1672	-64.21	-13	-51.21	-71.18	1.58	10.70	V
	2508	-58.54	-13	-45.54	-66.79	2.10	12.50	V
	3348	-60.42	-13	-47.42	-69.31	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	-65.20	-13	-52.20	-72.17	1.58	10.70	H
	2512	-59.55	-13	-46.55	-67.80	2.102	12.50	H
	3344	-60.00	-13	-47.00	-68.89	2.856	13.90	H
	1672	-63.44	-13	-50.44	-70.41	1.58	10.70	V
	2512	-57.42	-13	-44.42	-65.67	2.10	12.50	V
	3344	-60.11	-13	-47.11	-69.00	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	3759	-53.18	-13	-40.18	-65.44	2.64	14.90	H
	5640	-54.17	-13	-41.17	-66.03	2.94	14.80	H
	7524	-51.91	-13	-38.91	-61.68	3.39	13.16	H
	3759	-54.32	-13	-41.32	-66.58	2.64	14.90	V
	5640	-53.67	-13	-40.67	-65.53	2.94	14.80	V
	7524	-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)								
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	3759	-56.79	-13	-43.79	-69.05	2.641	14.90	H
	5640	-54.76	-13	-41.76	-66.62	2.94	14.80	H
	7524	-51.84	-13	-38.84	-61.61	3.39	13.16	H
	3759	-55.70	-13	-42.70	-67.96	2.64	14.90	V
	5640	-55.24	-13	-42.24	-67.10	2.94	14.80	V
	7524	-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	-65.17	-13	-52.17	-72.14	1.58	10.70	H
	2512	-59.78	-13	-46.78	-68.03	2.102	12.50	H
	3344	-60.19	-13	-47.19	-69.08	2.856	13.90	H
	1672	-64.15	-13	-51.15	-71.12	1.58	10.70	V
	2512	-59.12	-13	-46.12	-67.37	2.10	12.50	V
	3344	-60.20	-13	-47.20	-69.09	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	3759	-57.19	-13	-44.19	-69.45	2.64	14.90	H
	5640	-54.78	-13	-41.78	-66.64	2.94	14.80	H
	7524	-51.76	-13	-38.76	-61.53	3.39	13.16	H
	3759	-56.97	-13	-43.97	-69.23	2.64	14.90	V
	5640	-55.16	-13	-42.16	-67.02	2.94	14.80	V
	7524	-51.51	-13	-38.51	-61.28	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	-58.04	-13	-45.04	-68.78	2.604	13.34	H
	5196	-54.89	-13	-41.89	-65.40	3.011	13.52	H
	6936	-54.23	-13	-41.23	-64.43	3.271	13.47	H
	3465	-58.52	-13	-45.52	-69.26	2.604	13.34	V
	5196	-54.91	-13	-41.91	-65.42	3.011	13.52	V
	6936	-53.17	-13	-40.17	-63.37	3.271	13.47	V

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