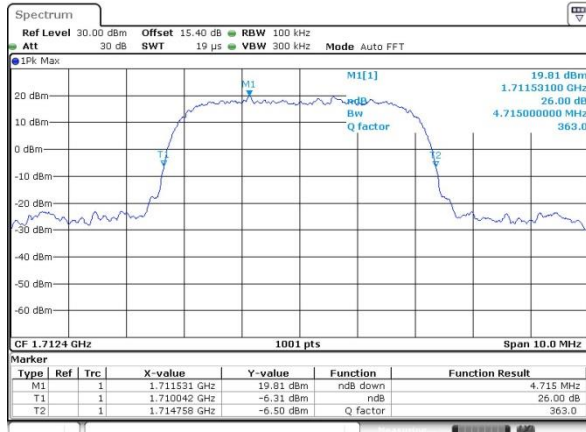




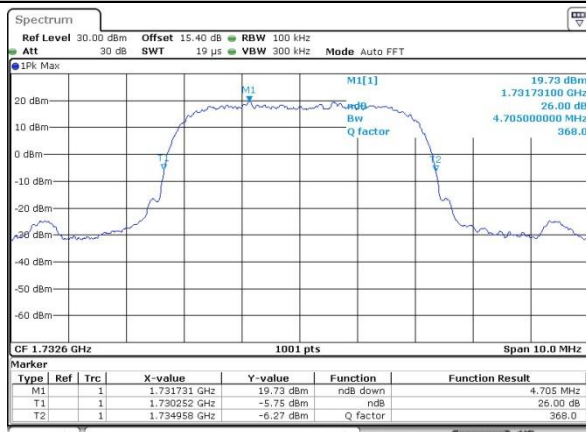
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



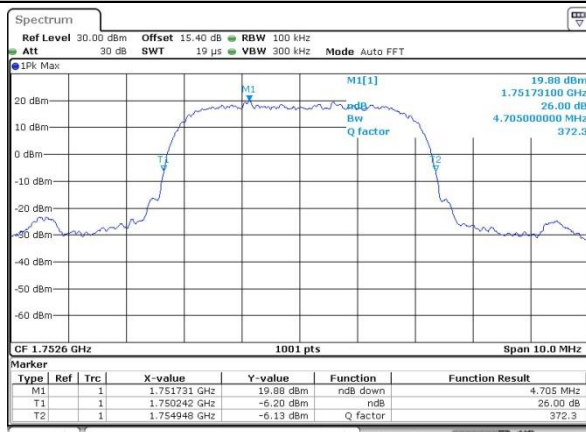
Date: 5.AUG.2021 02:53:45

Middle Channel



Date: 5.AUG.2021 02:54:08

Highest Channel



Date: 5.AUG.2021 02:54:31



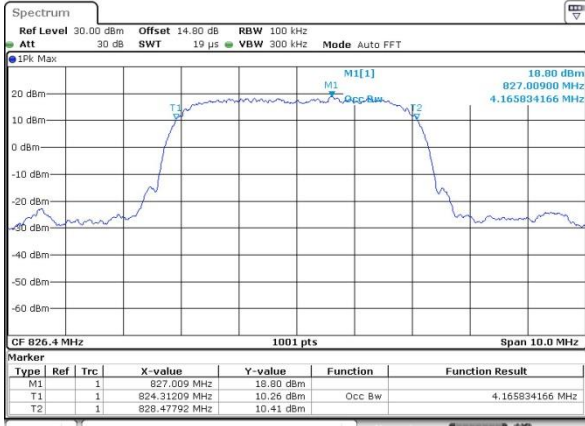
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.17	4.16	4.16
Middle CH	4.15	4.17	4.15
Highest CH	4.15	4.16	4.16



WCDMA Band V (RMC 12.2Kbps)

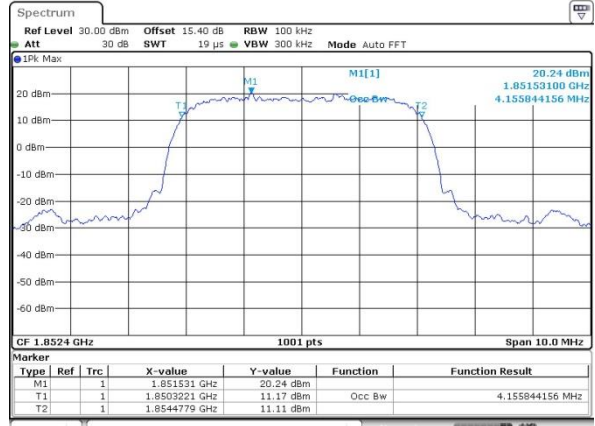
Lowest Channel



Date: 5_AUG.2021 02:23:01

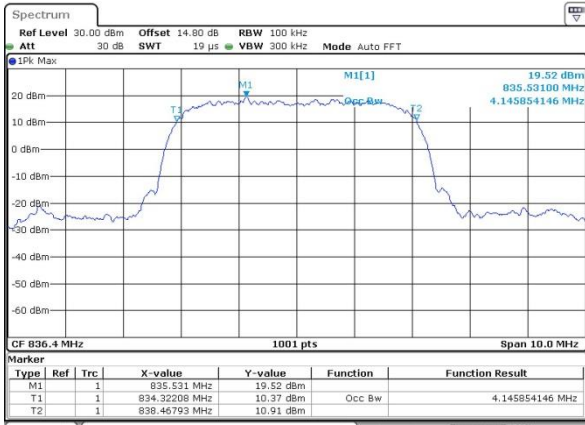
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



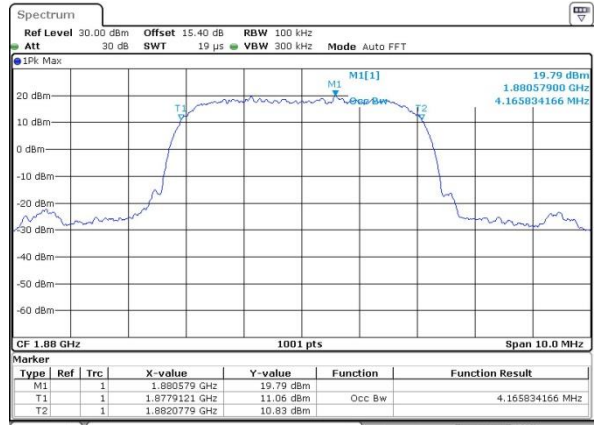
Date: 5_AUG.2021 02:48:05

Middle Channel



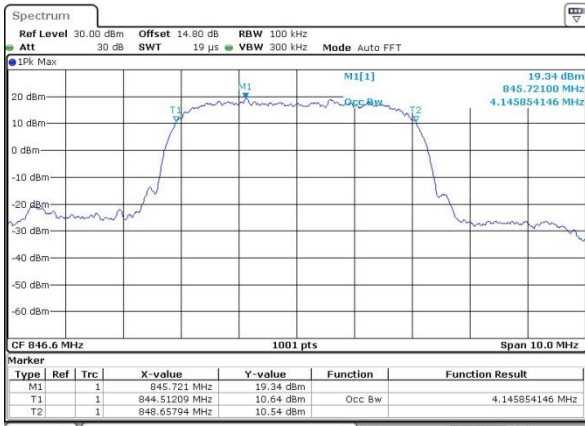
Date: 5_AUG.2021 02:23:24

Middle Channel



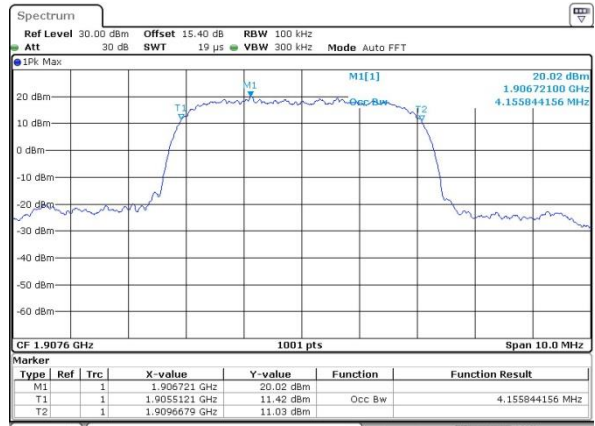
Date: 5_AUG.2021 02:48:26

Highest Channel

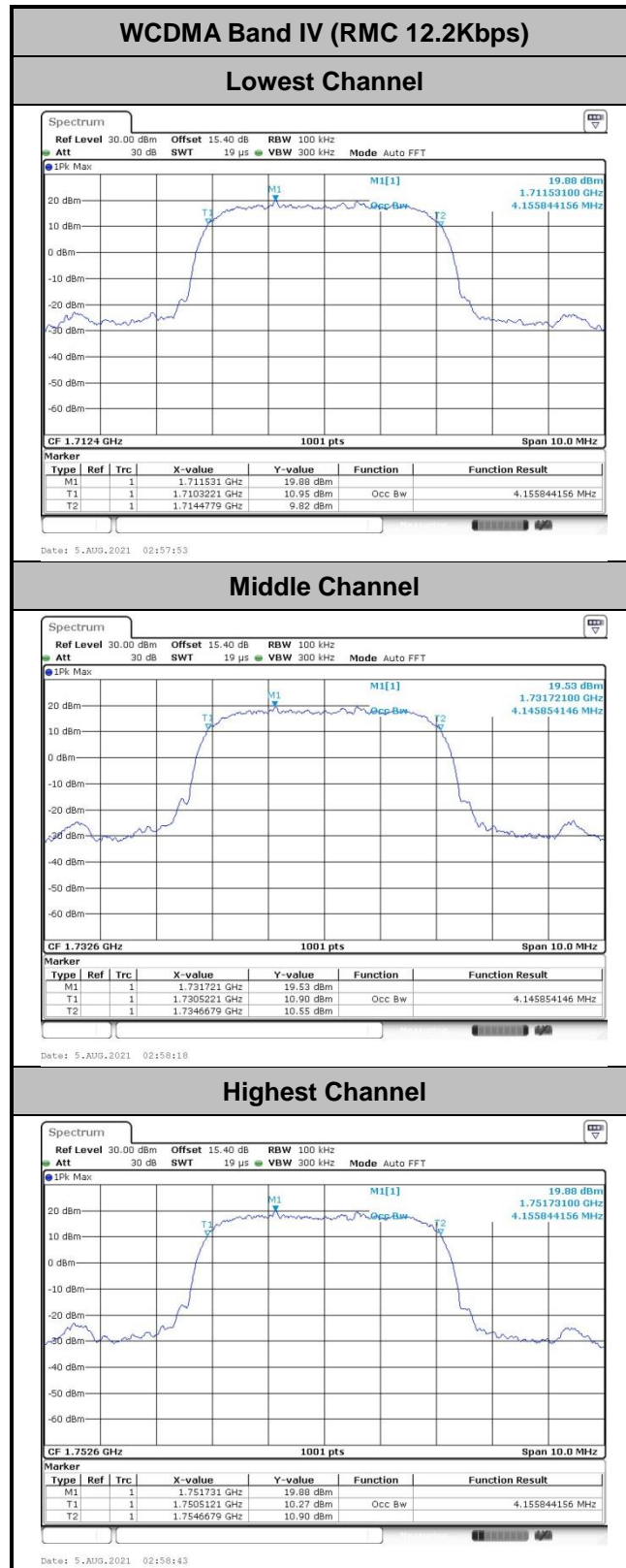


Date: 5_AUG.2021 02:23:50

Highest Channel

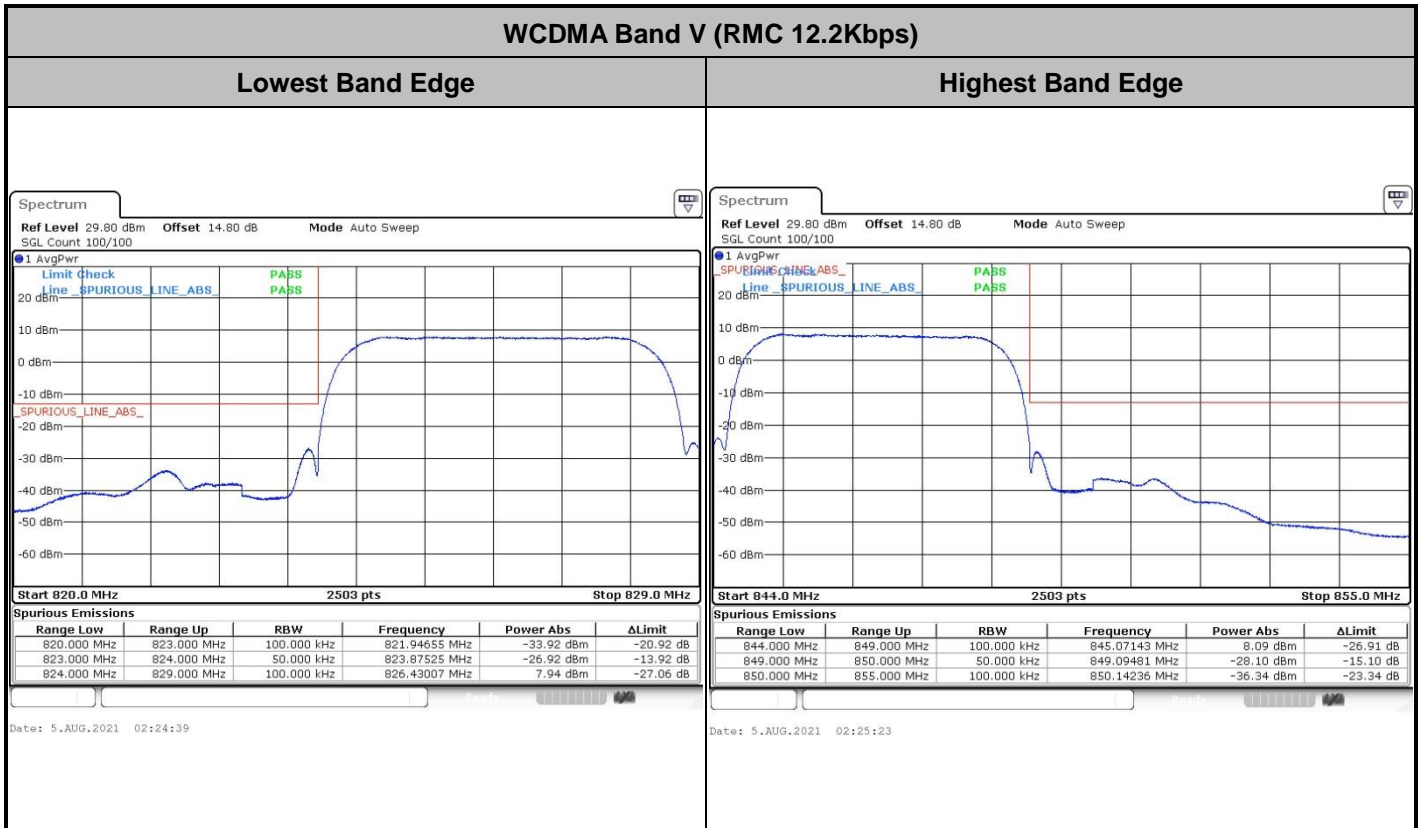


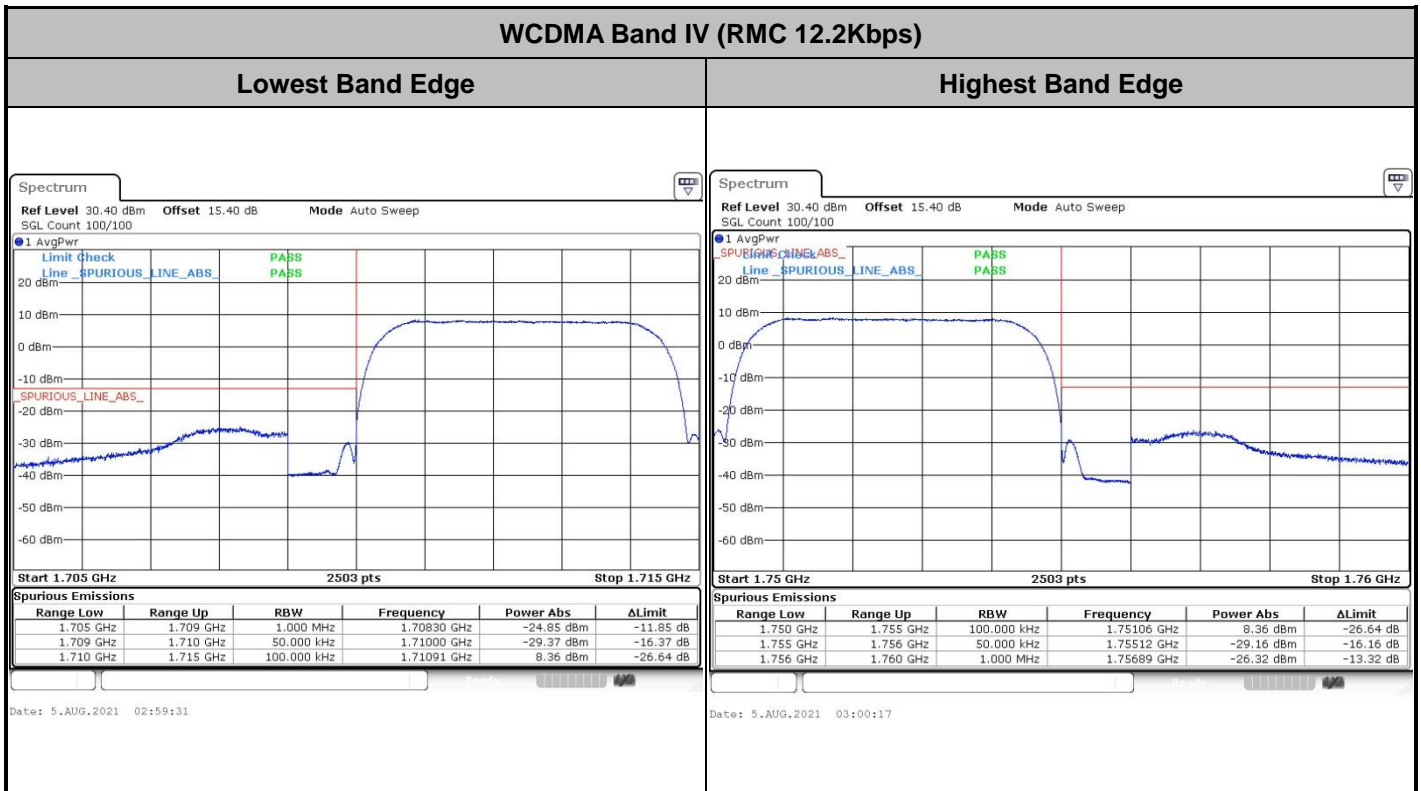
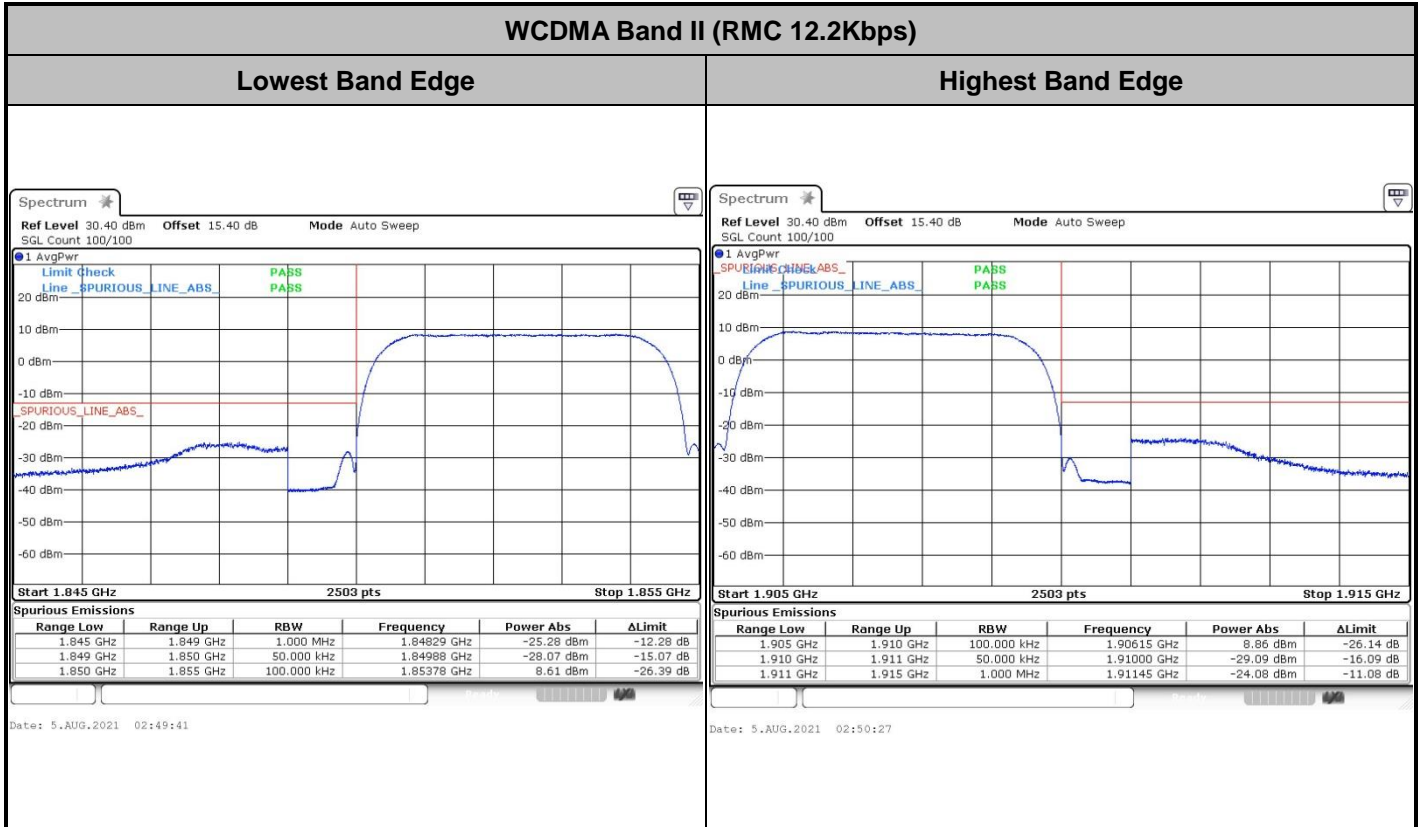
Date: 5_AUG.2021 02:48:47





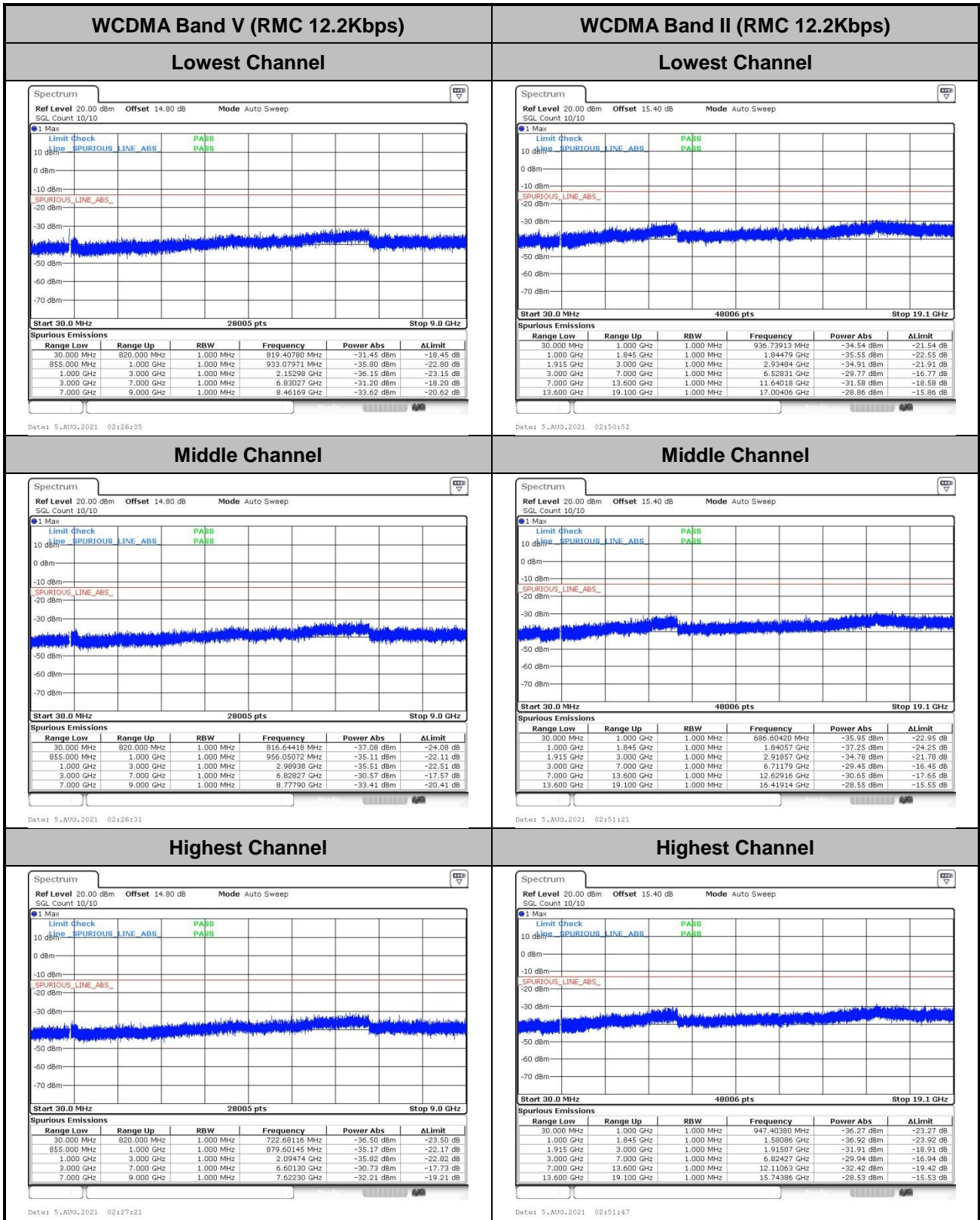
Conducted Band Edge







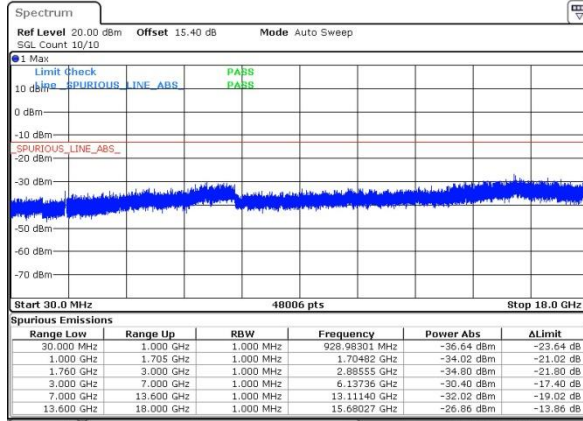
Conducted Spurious Emission





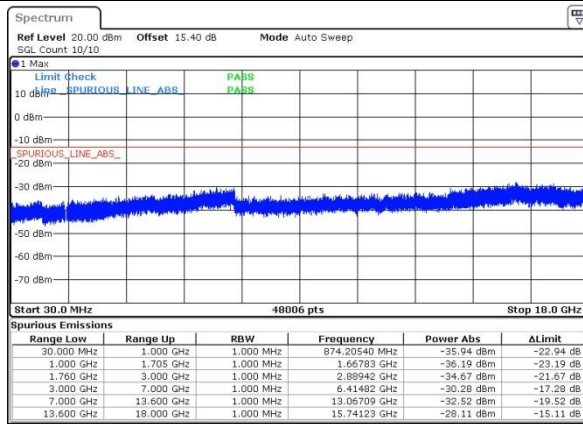
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



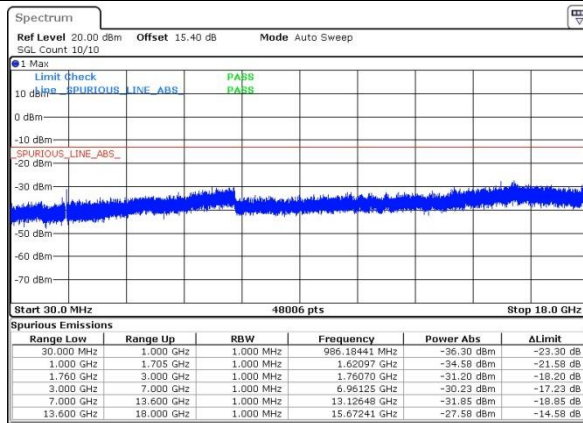
Date: 5.AUG.2021 03:00:45

Middle Channel



Date: 5.AUG.2021 03:01:10

Highest Channel



Date: 5.AUG.2021 03:01:42



Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0023	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0019	



Test Conditions Temperature (°C)	Middle Channel Voltage (Volt)	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 3.85V ; Battery End Point (BEP) =3.65V. ; Maximum Voltage =4.4V
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

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	-47.26	-13	-34.26	-54.23	1.58	10.70	H
	2510	-57.72	-13	-44.72	-65.97	2.10	12.50	H
	3348	-56.93	-13	-43.93	-65.82	2.86	13.90	H
	1672	-46.43	-13	-33.43	-53.40	1.58	10.70	V
	2510	-57.47	-13	-44.47	-65.72	2.10	12.50	V
	3348	-60.06	-13	-47.06	-68.95	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	-50.65	-13	-37.65	-57.62	1.58	10.70	H
	2510	-60.02	-13	-47.02	-68.27	2.102	12.50	H
	3348	-57.01	-13	-44.01	-65.90	2.856	13.90	H
	1672	-48.07	-13	-35.07	-55.04	1.58	10.70	V
	2510	-59.35	-13	-46.35	-67.60	2.10	12.50	V
	3348	-59.86	-13	-46.86	-68.75	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	-54.89	-13	-41.89	-67.15	2.641	14.90	H
	5640	-48.67	-13	-35.67	-60.53	2.94	14.80	H
	7524	-53.03	-13	-40.03	-62.80	3.39	13.16	H
	3759	-54.99	-13	-41.99	-67.25	2.64	14.90	V
	5640	-51.82	-13	-38.82	-63.68	2.94	14.80	V
	7524	-52.72	-13	-39.72	-62.49	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	-55.46	-13	-42.46	-67.72	2.641	14.90	H
	5640	-51.29	-13	-38.29	-63.15	2.94	14.80	H
	7524	-52.99	-13	-39.99	-62.76	3.39	13.16	H
	3759	-55.07	-13	-42.07	-67.33	2.64	14.90	V
	5640	-50.17	-13	-37.17	-62.03	2.94	14.80	V
	7524	-52.62	-13	-39.62	-62.39	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	-65.15	-13	-52.15	-72.12	1.58	10.70	H
	2510	-60.24	-13	-47.24	-68.49	2.102	12.50	H
	3348	-60.67	-13	-47.67	-69.56	2.856	13.90	H
	1672	-64.53	-13	-51.53	-71.50	1.58	10.70	V
	2510	-59.62	-13	-46.62	-67.87	2.10	12.50	V
	3348	-60.59	-13	-47.59	-69.48	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	-56.82	-13	-43.82	-69.08	2.64	14.90	H
	5640	-54.76	-13	-41.76	-66.62	2.94	14.80	H
	7524	-52.68	-13	-39.68	-62.45	3.39	13.16	H
	3759	-56.34	-13	-43.34	-68.60	2.64	14.90	V
	5640	-55.03	-13	-42.03	-66.89	2.94	14.80	V
	7524	-52.20	-13	-39.20	-61.97	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	-57.53	-13	-44.53	-68.27	2.604	13.34	H
	5199	-54.71	-13	-41.71	-65.22	3.011	13.52	H
	6936	-54.26	-13	-41.26	-64.46	3.271	13.47	H
	3465	-57.92	-13	-44.92	-68.66	2.604	13.34	V
	5199	-54.82	-13	-41.82	-65.33	3.011	13.52	V
	6936	-54.05	-13	-41.05	-64.25	3.271	13.47	V

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