



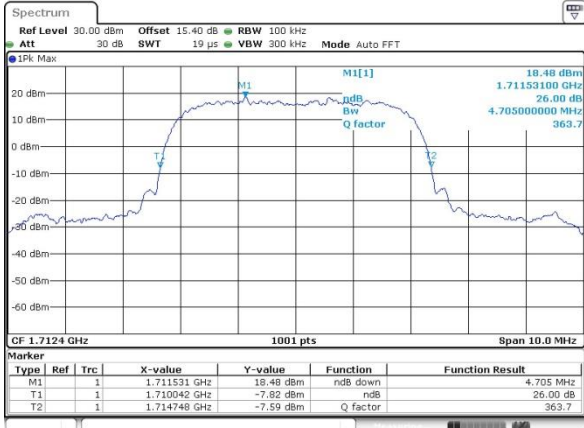
**26dB Bandwidth**

Mode	WCDMA Band IV(MHz)	WCDMA Band II(MHz)	WCDMA Band V(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.705	4.705	4.715
Middle CH	4.715	4.705	4.705
Highest CH	4.695	4.705	4.725



WCDMA Band IV (RMC 12.2Kbps)

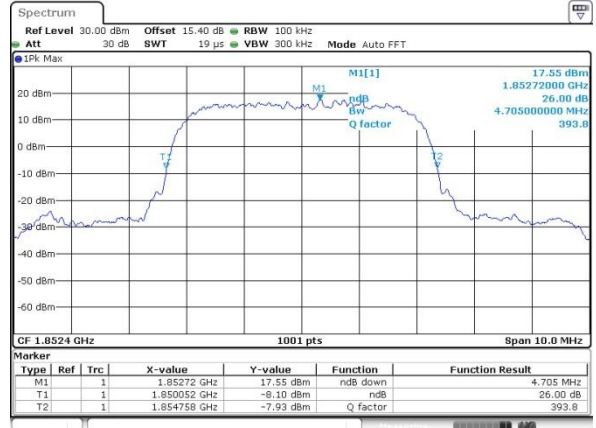
Lowest Channel



Date: 30 AUG 2022 00:35:10

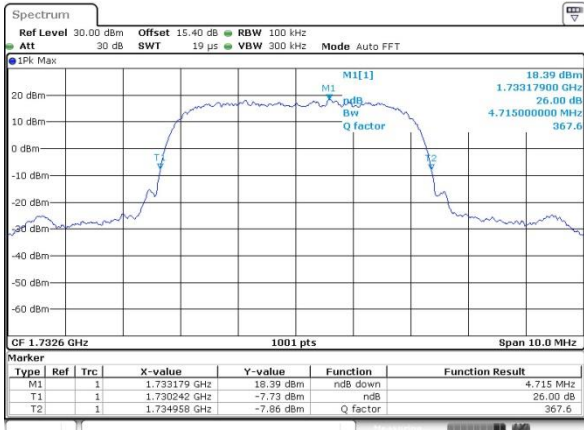
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



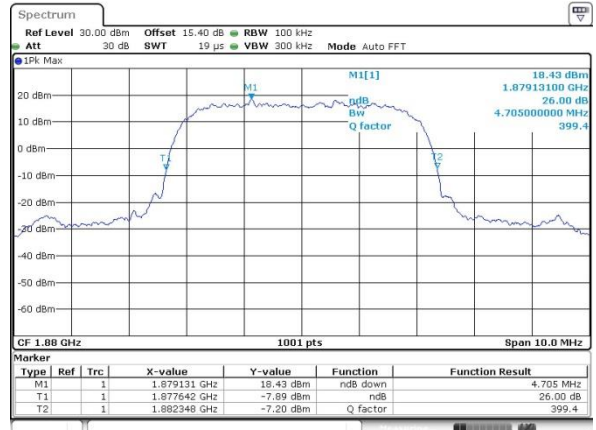
Date: 30 AUG 2022 00:11:07

Middle Channel



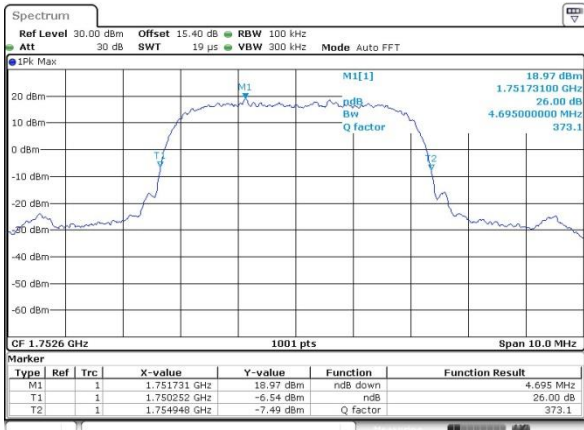
Date: 30 AUG 2022 00:38:01

Middle Channel



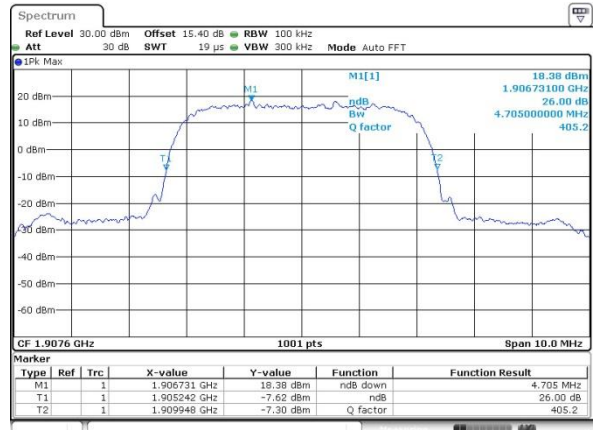
Date: 30 AUG 2022 00:12:15

Highest Channel

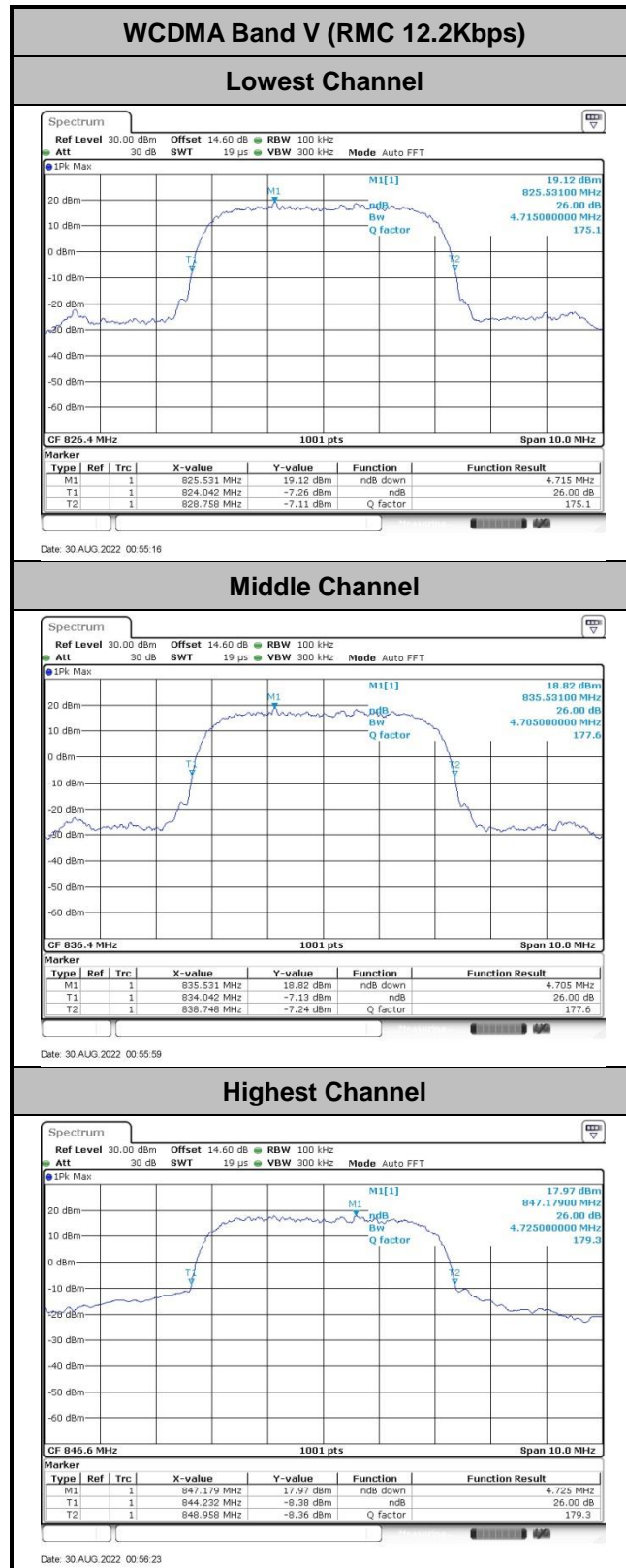


Date: 30 AUG 2022 00:36:26

Highest Channel



Date: 30 AUG 2022 00:12:45





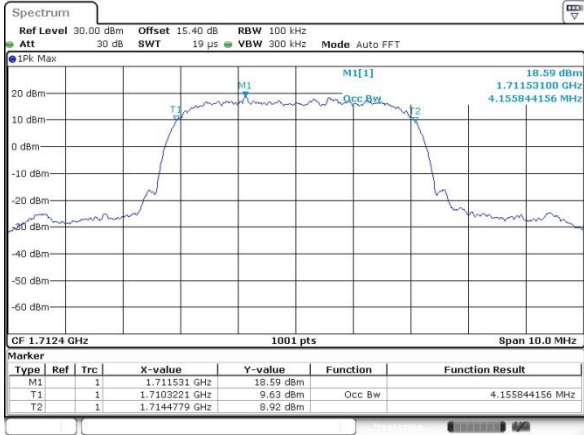
**Occupied Bandwidth**

Mode	WCDMA Band IV(MHz)	WCDMA Band II(MHz)	WCDMA Band V(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.156	4.146	4.146
Middle CH	4.156	4.156	4.166
Highest CH	4.156	4.156	4.176



WCDMA Band IV (RMC 12.2Kbps)

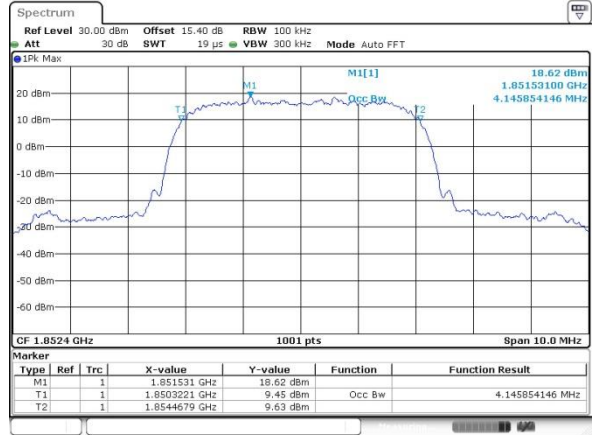
Lowest Channel



Date: 30 AUG 2022 00:33:00

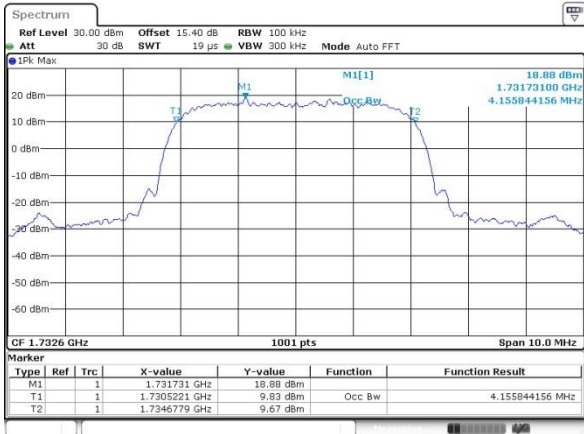
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



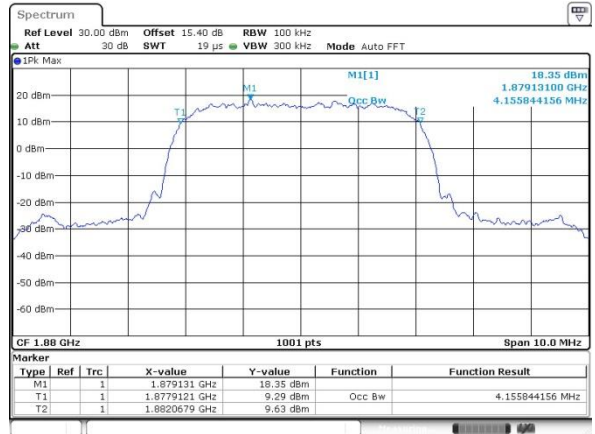
Date: 30 AUG 2022 00:13:26

Middle Channel



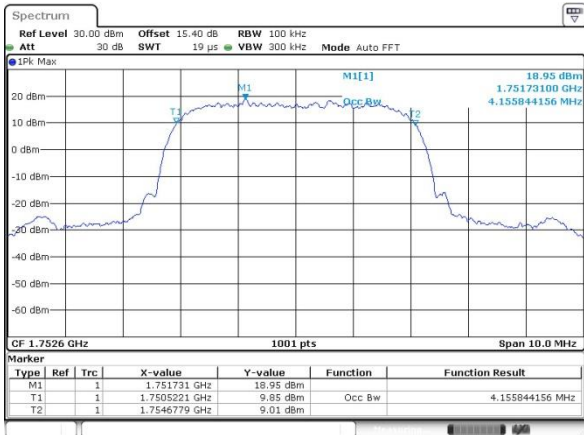
Date: 30 AUG 2022 00:33:52

Middle Channel



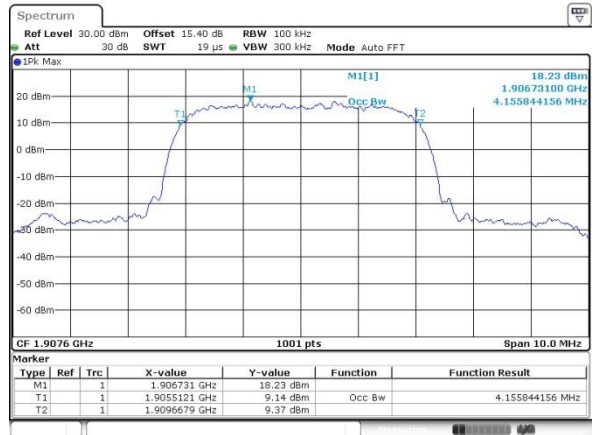
Date: 30 AUG 2022 00:14:33

Highest Channel

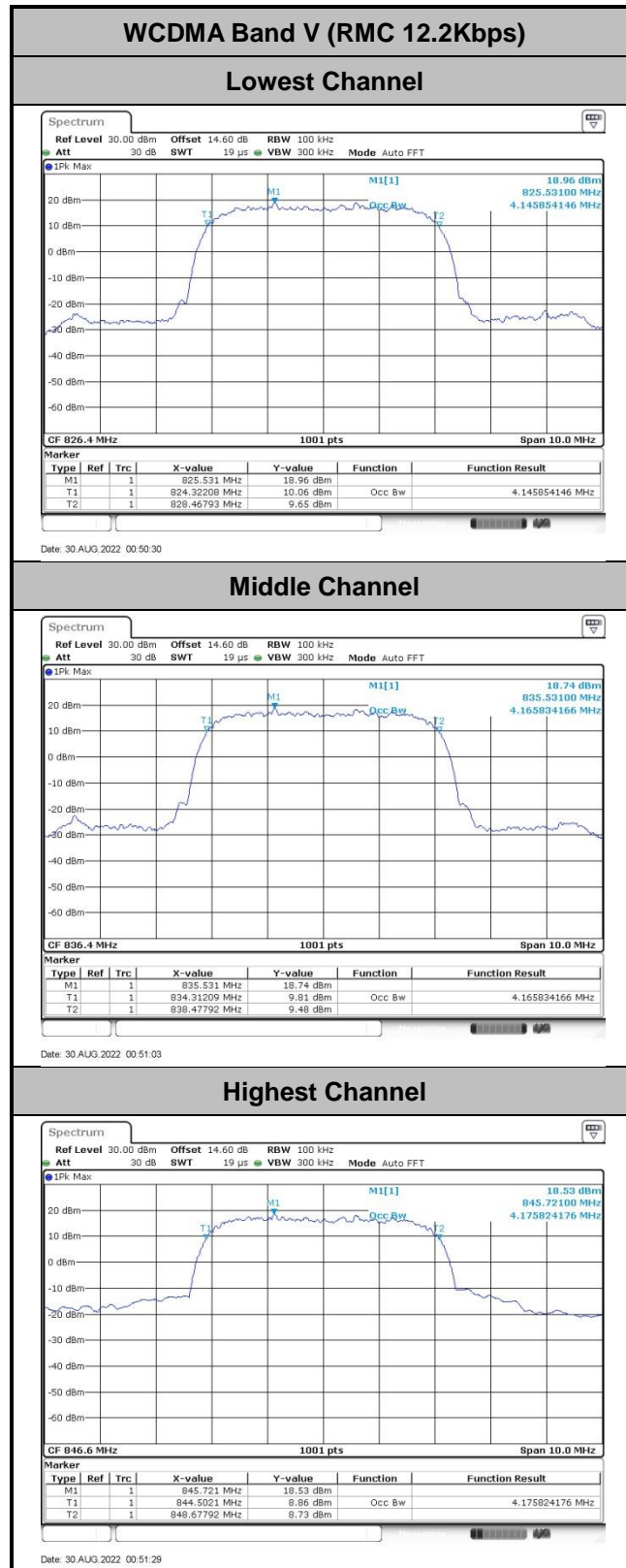


Date: 30 AUG 2022 00:34:19

Highest Channel

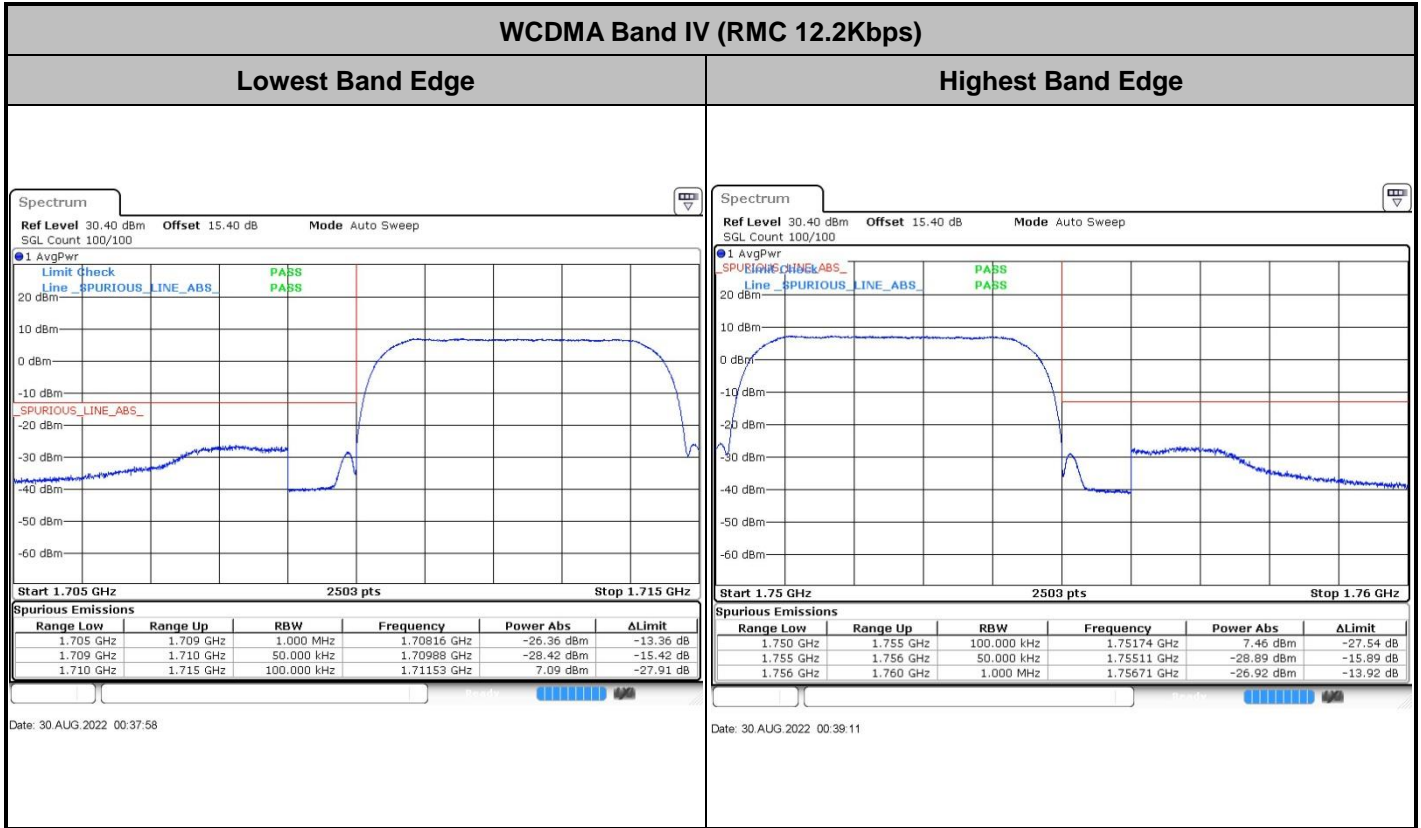


Date: 30 AUG 2022 00:15:04

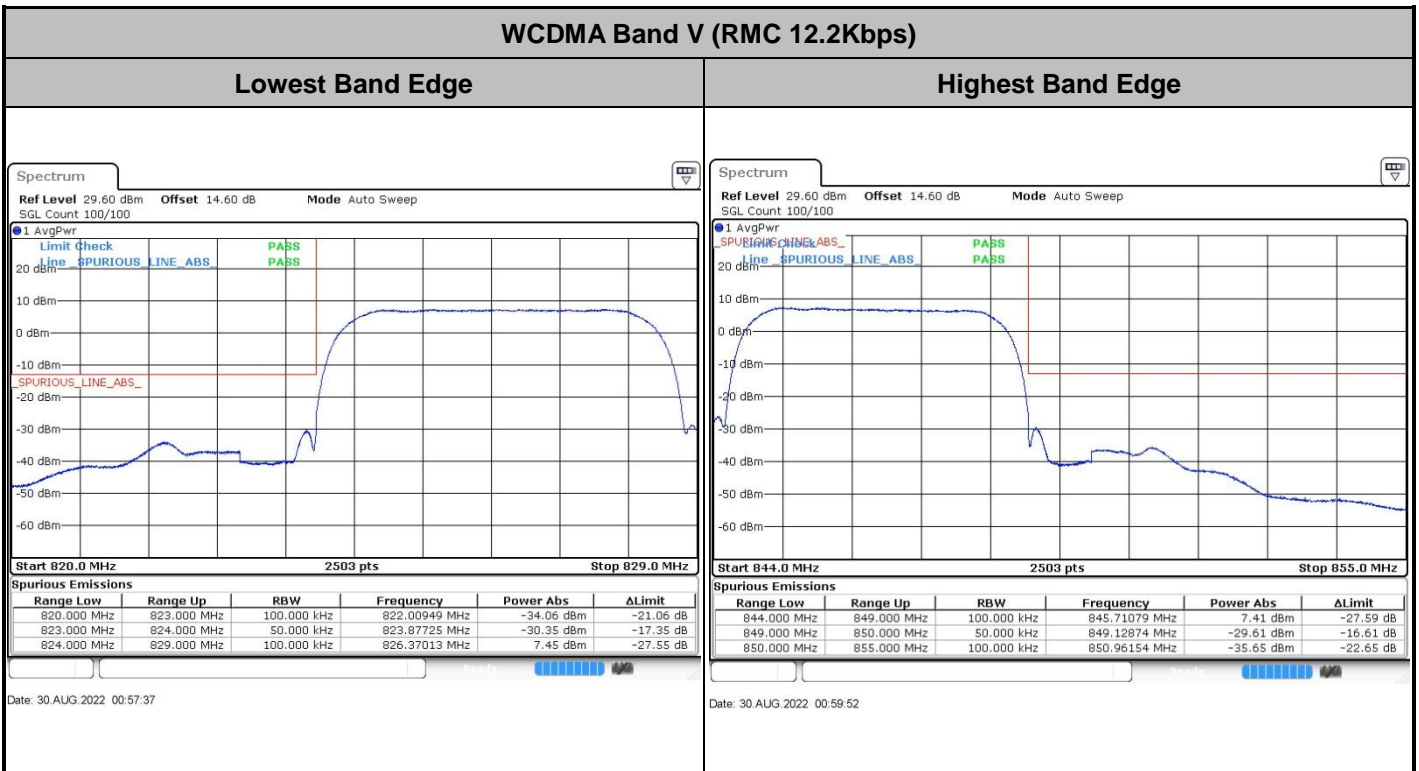
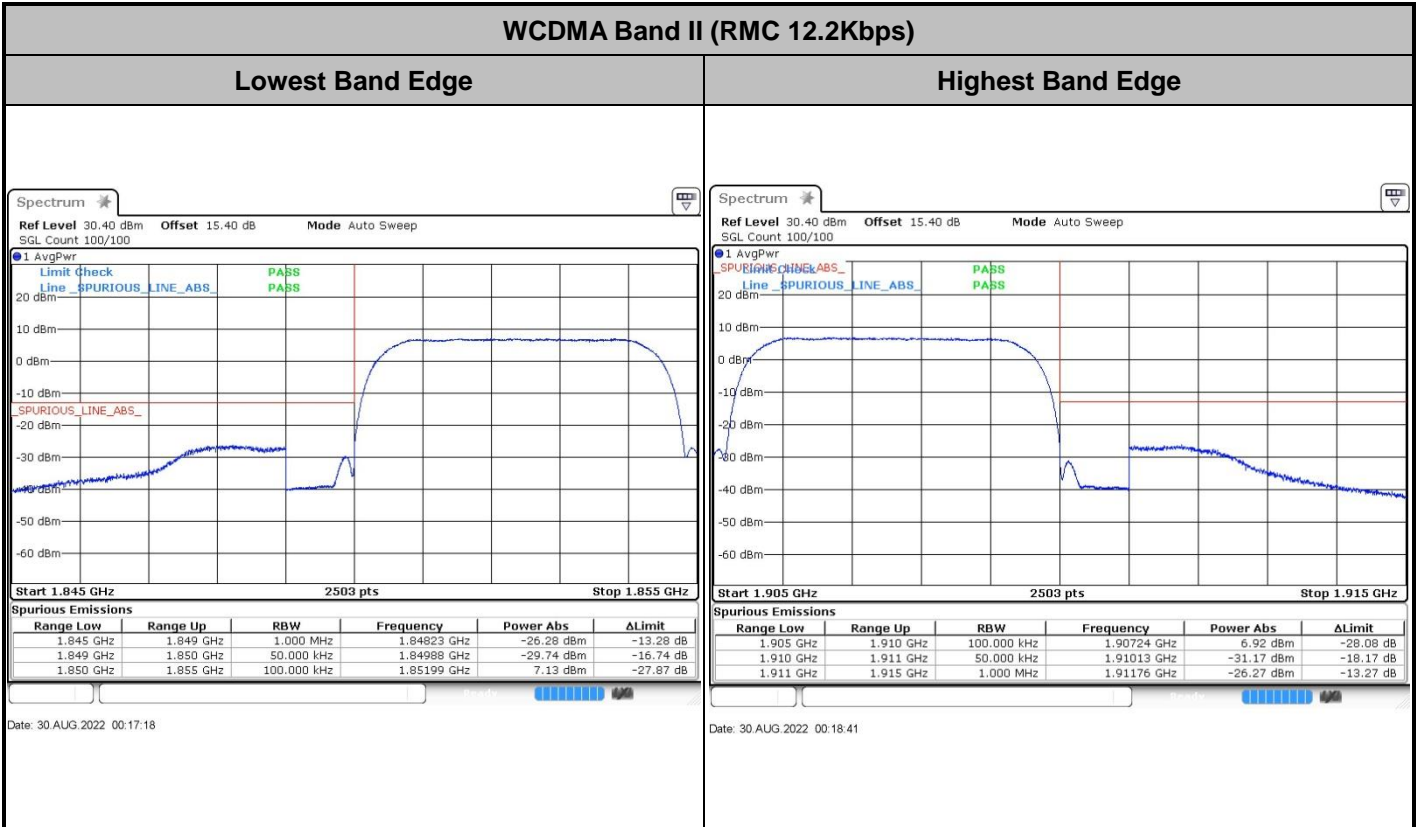




# Conducted Band Edge



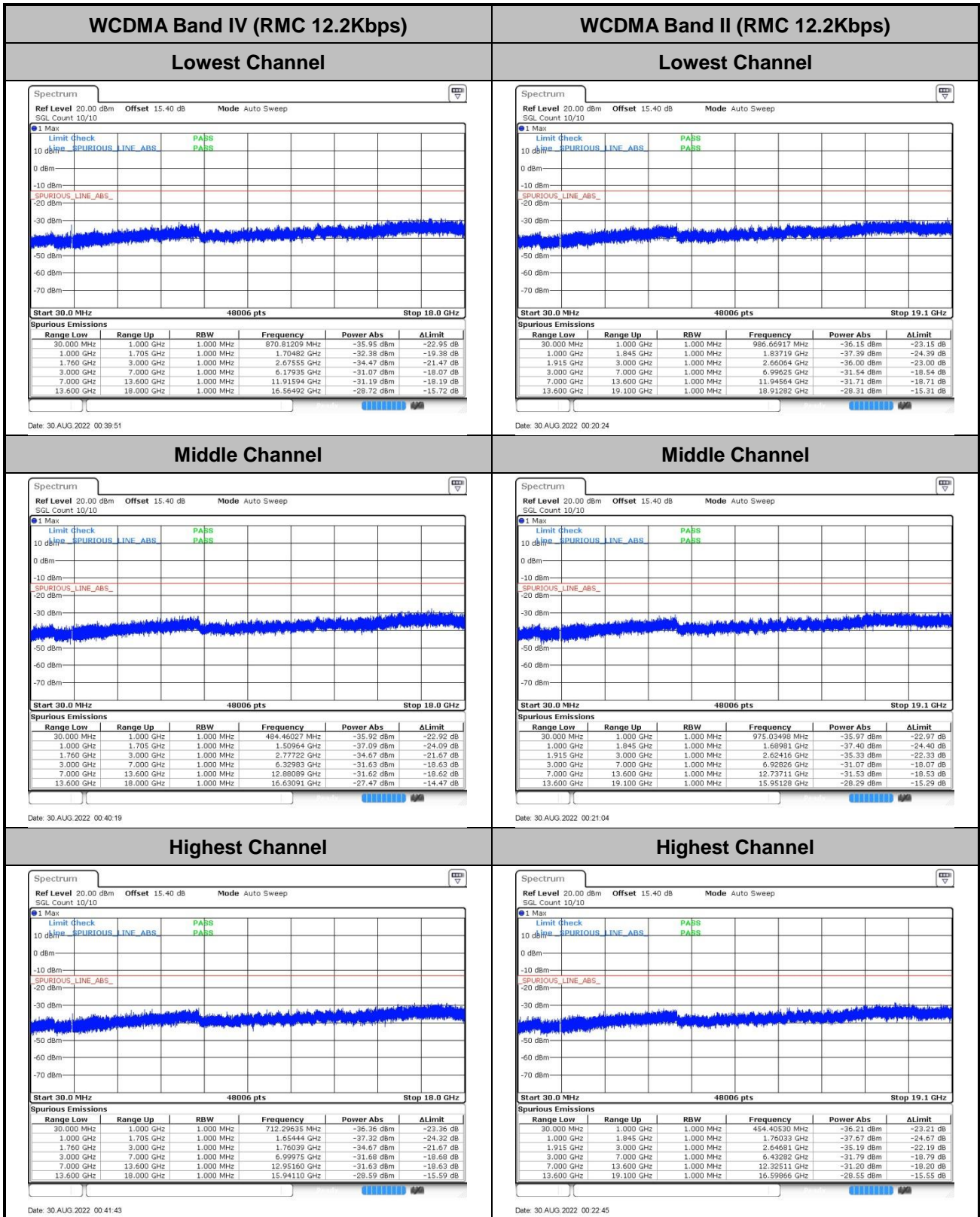








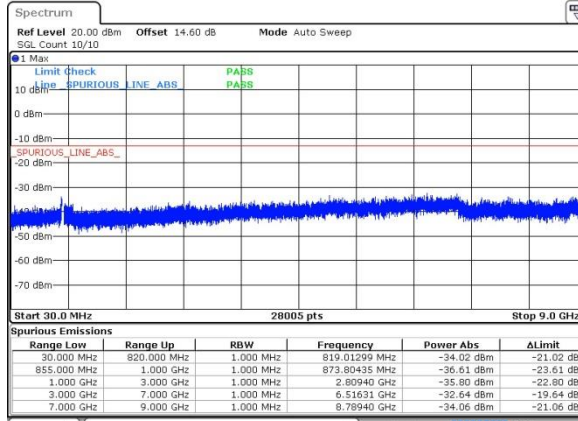
# Conducted Spurious Emission





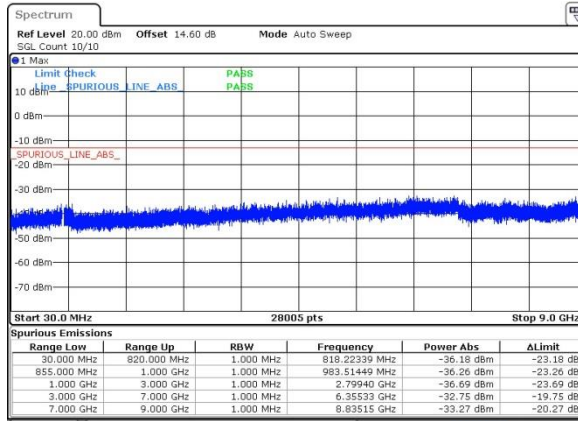
### WCDMA Band V (RMC 12.2Kbps)

#### Lowest Channel



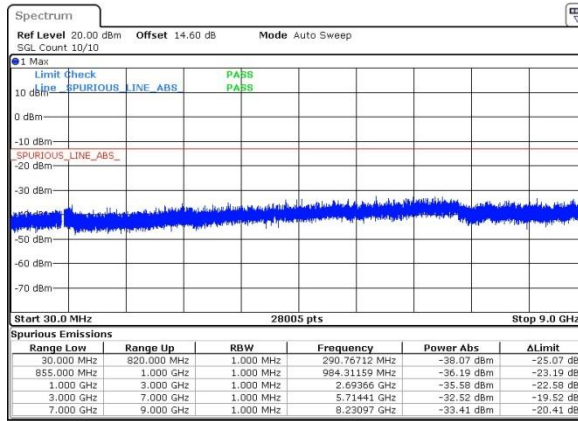
Date: 30.AUG.2022 01:00:30

#### Middle Channel



Date: 30.AUG.2022 01:01:00

#### Highest Channel



Date: 30.AUG.2022 01:01:24



### Frequency Stability

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0033	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0039	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0019	



Test Conditions Temperature (°C)	Middle Channel Voltage (Volt)	WCDMA Band V (RMC 12.2Kbps)	Limit Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0018	

**Note:**

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V
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	-59.92	-13	-46.92	-66.89	1.58	10.70	H
	2512	-56.24	-13	-43.24	-64.49	2.102	12.50	H
	3344	-59.40	-13	-46.40	-68.29	2.856	13.90	H
	1672	-60.66	-13	-47.66	-67.63	1.58	10.70	V
	2512	-51.49	-13	-38.49	-59.74	2.10	12.50	V
	3344	-60.26	-13	-47.26	-69.15	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	-65.38	-13	-52.38	-72.35	1.58	10.70	H
	2512	-60.26	-13	-47.26	-68.51	2.102	12.50	H
	3344	-60.51	-13	-47.51	-69.40	2.856	13.90	H
	1672	-64.49	-13	-51.49	-71.46	1.58	10.70	V
	2512	-54.37	-13	-41.37	-62.62	2.10	12.50	V
	3344	-60.18	-13	-47.18	-69.07	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	3765	-50.07	-13	-37.07	-62.33	2.64	14.90	H
	5640	-44.56	-13	-31.56	-56.42	2.94	14.80	H
	7515	-52.21	-13	-39.21	-61.98	3.39	13.16	H
	3765	-49.81	-13	-36.81	-62.07	2.64	14.90	V
	5640	-41.19	-13	-28.19	-53.05	2.94	14.80	V
	7515	-52.38	-13	-39.38	-62.15	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	-52.53	-13	-39.53	-64.79	2.641	14.90	H
	5640	-45.69	-13	-32.69	-57.55	2.94	14.80	H
	7515	-52.08	-13	-39.08	-61.85	3.39	13.16	H
	3765	-56.46	-13	-43.46	-68.72	2.64	14.90	V
	5640	-46.85	-13	-33.85	-58.71	2.94	14.80	V
	7515	-52.02	-13	-39.02	-61.79	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	-65.66	-13	-52.66	-72.63	1.58	10.70	H
	2512	-60.21	-13	-47.21	-68.46	2.102	12.50	H
	3344	-60.17	-13	-47.17	-69.06	2.856	13.90	H
	1672	-64.16	-13	-51.16	-71.13	1.58	10.70	V
	2512	-59.33	-13	-46.33	-67.58	2.10	12.50	V
	3344	-59.90	-13	-46.90	-68.79	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	-55.79	-13	-42.79	-68.05	2.64	14.90	H
	5640	-54.79	-13	-41.79	-66.65	2.94	14.80	H
	7515	-52.40	-13	-39.40	-62.17	3.39	13.16	H
	3765	-56.58	-13	-43.58	-68.84	2.64	14.90	V
	5640	-52.99	-13	-39.99	-64.85	2.94	14.80	V
	7515	-52.12	-13	-39.12	-61.89	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	-57.88	-13	-44.88	-68.62	2.604	13.34	H
	5190	-54.71	-13	-41.71	-65.22	3.011	13.52	H
	6930	-53.81	-13	-40.81	-64.01	3.271	13.47	H
	3465	-58.21	-13	-45.21	-68.95	2.604	13.34	V
	5190	-55.01	-13	-42.01	-65.52	3.011	13.52	V
	6930	-53.88	-13	-40.88	-64.08	3.271	13.47	V

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