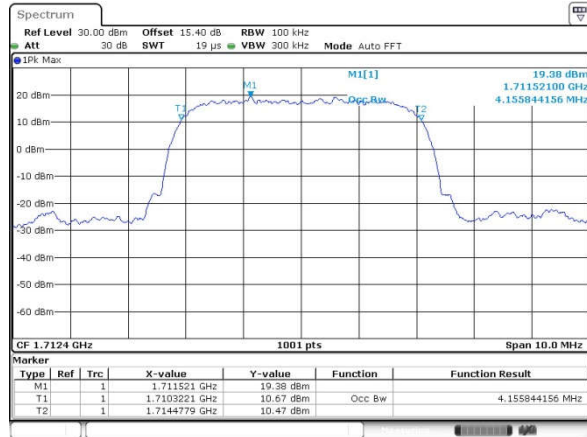


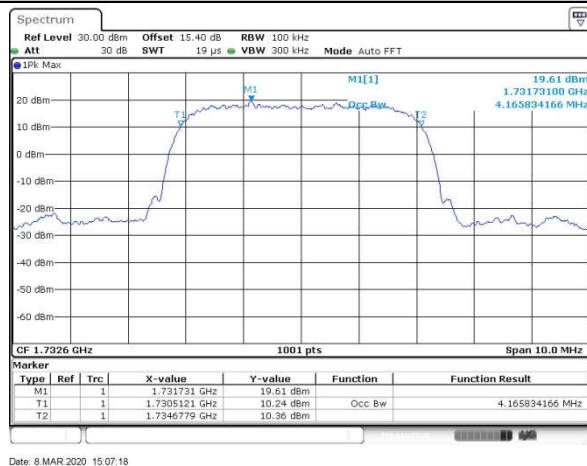


WCDMA Band IV (RMC 12.2Kbps)

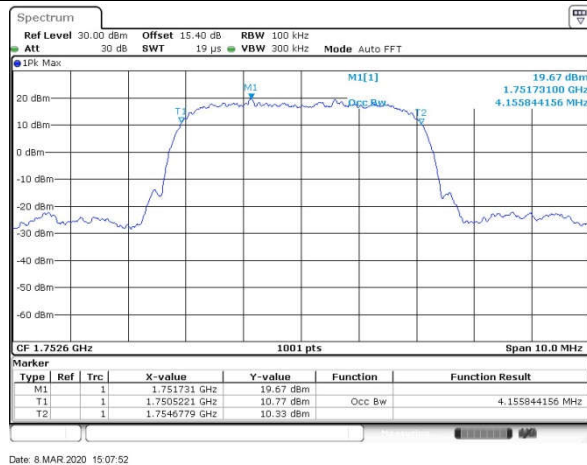
Lowest Channel

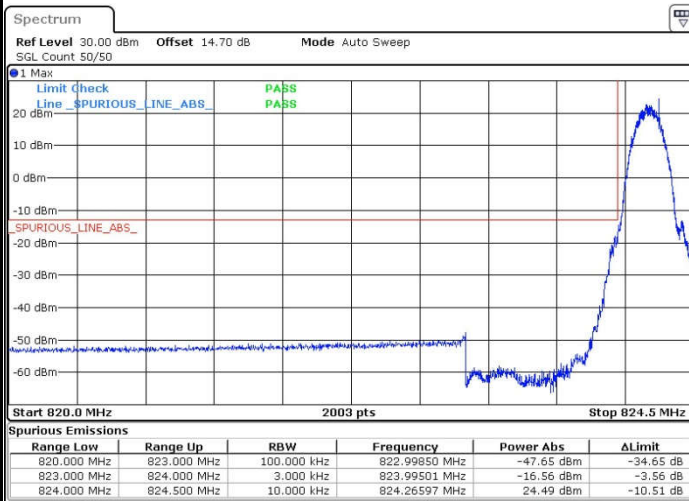


Middle Channel

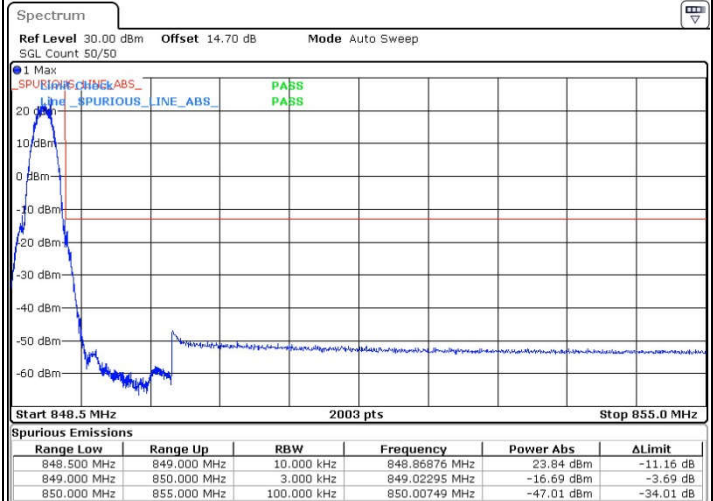


Highest Channel

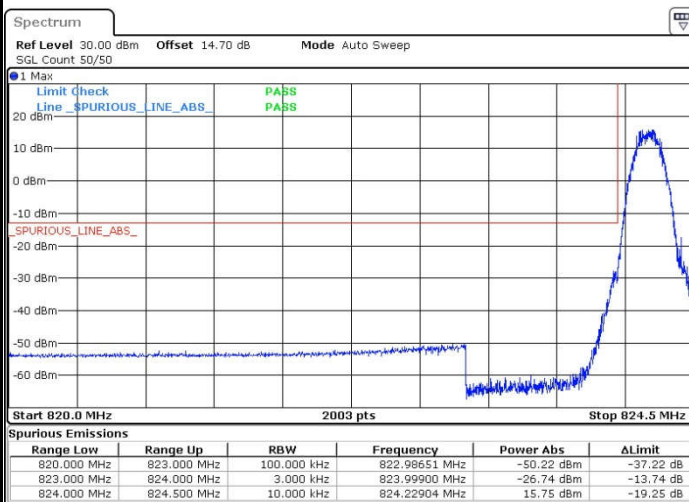


**Conducted Band Edge****GSM850 (GSM)****Lowest Band Edge**

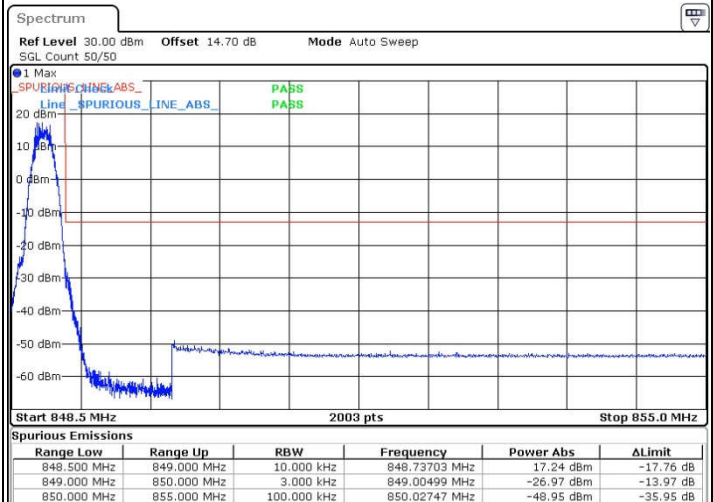
Date: 8 MAR 2020 13:36:53

Highest Band Edge

Date: 8 MAR 2020 13:38:21

GSM850 (EDGE class 8)**Lowest Band Edge**

Date: 8 MAR 2020 14:00:08

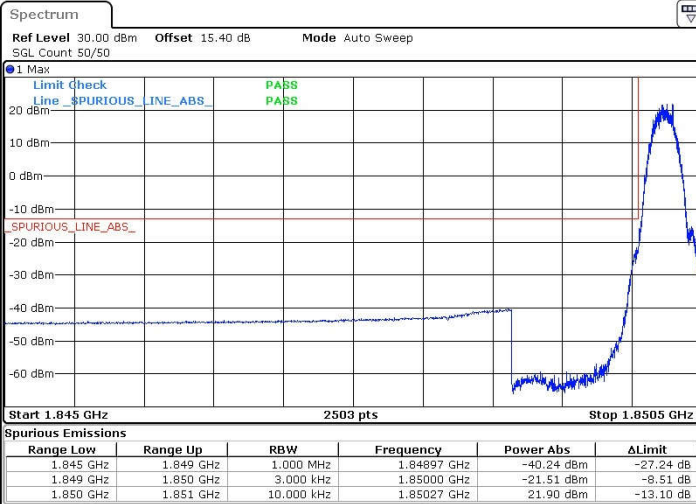
Highest Band Edge

Date: 8 MAR 2020 14:01:38

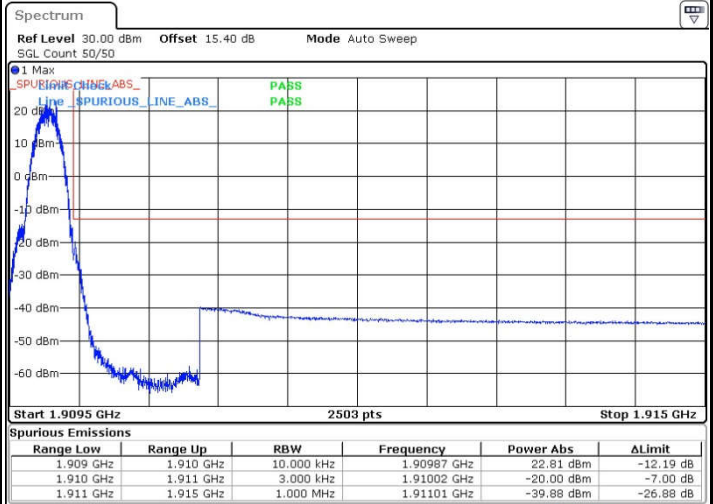


GSM1900 (GSM)

Lowest Band Edge

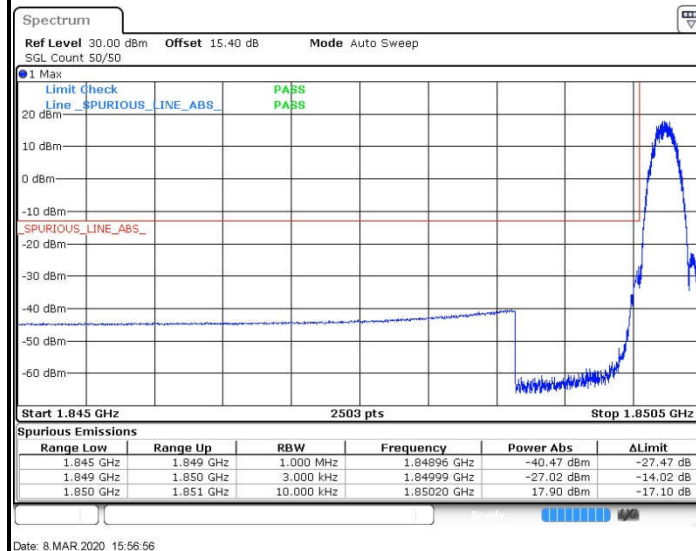


Highest Band Edge

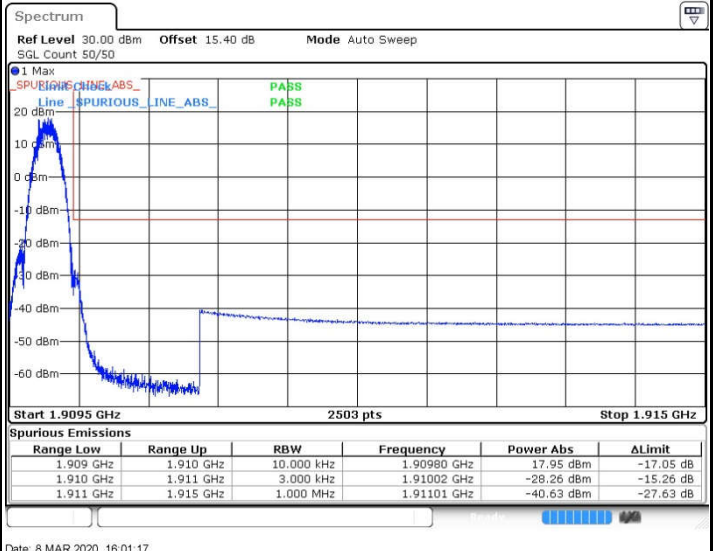


GSM1900 (EDGE class 8)

Lowest Band Edge



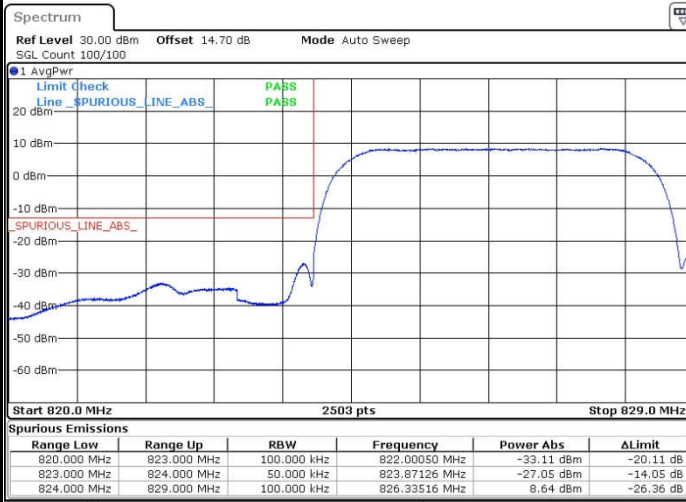
Highest Band Edge



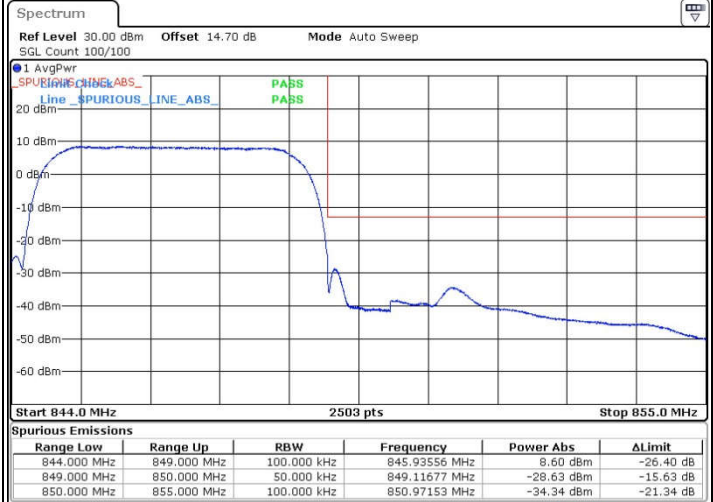


WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

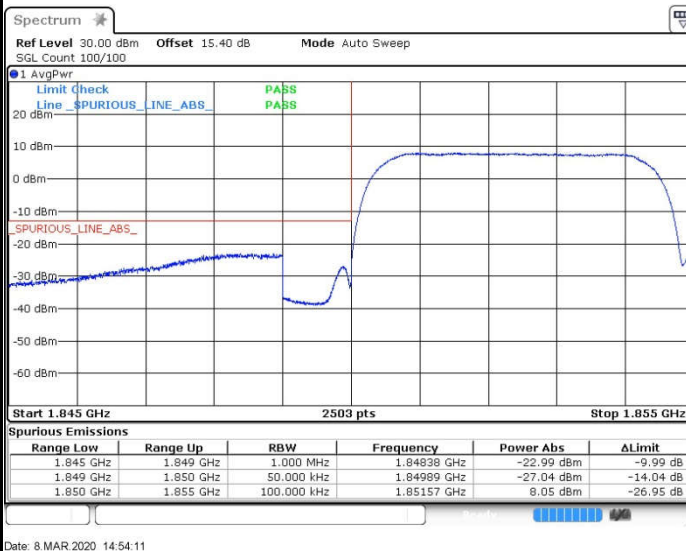


Highest Band Edge

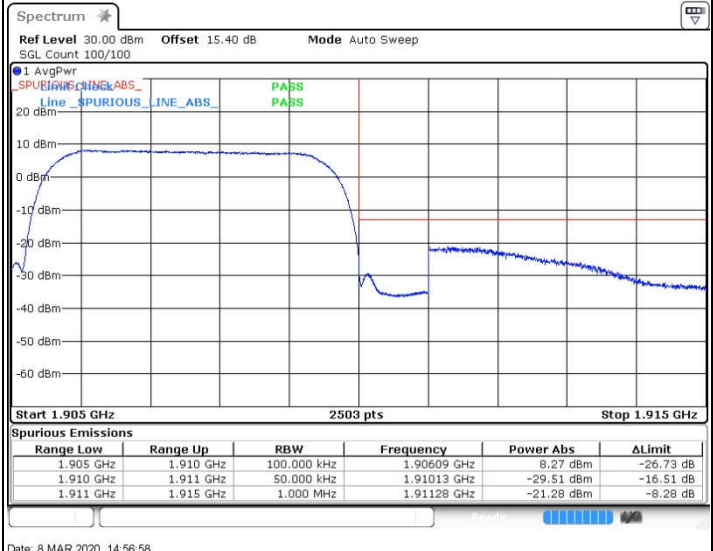


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



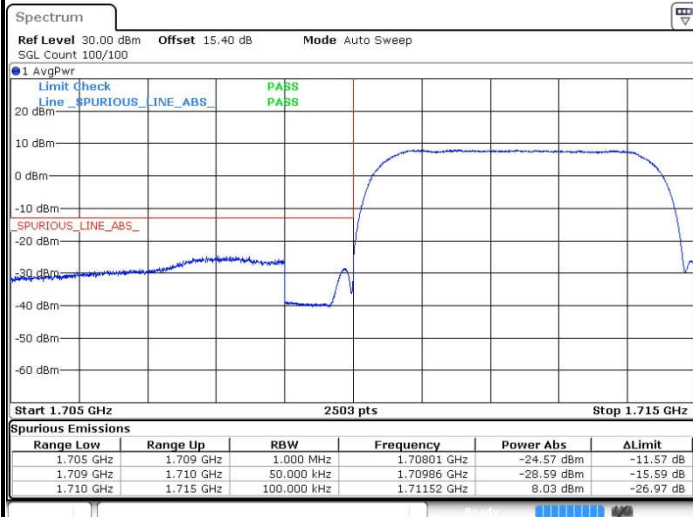
Highest Band Edge



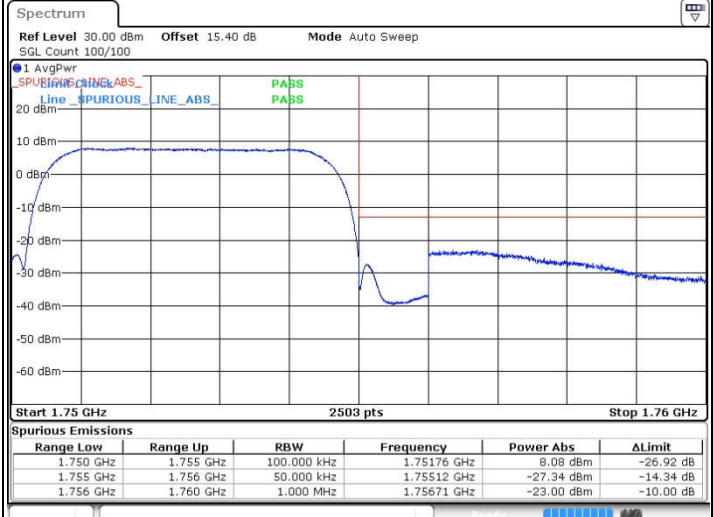


WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

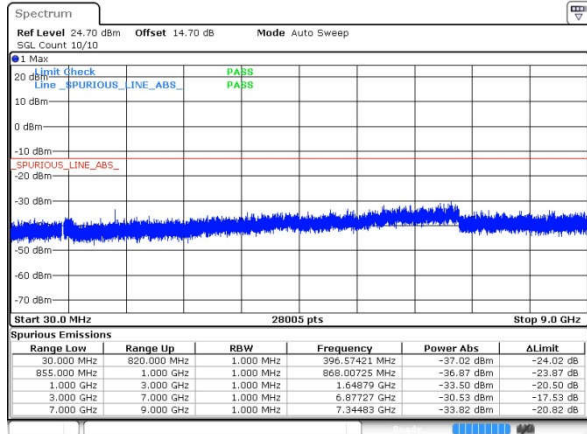




Conducted Spurious Emission

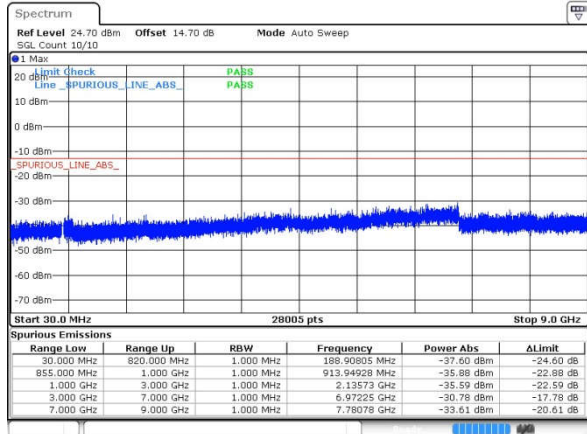
GSM850 (GSM)

Lowest Channel

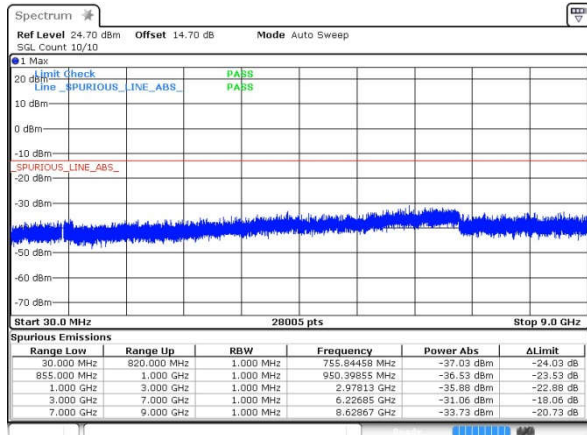


GSM850 (EDGE class 8)

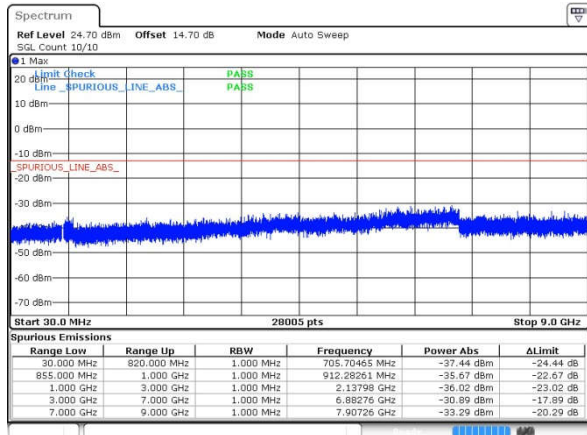
Lowest Channel



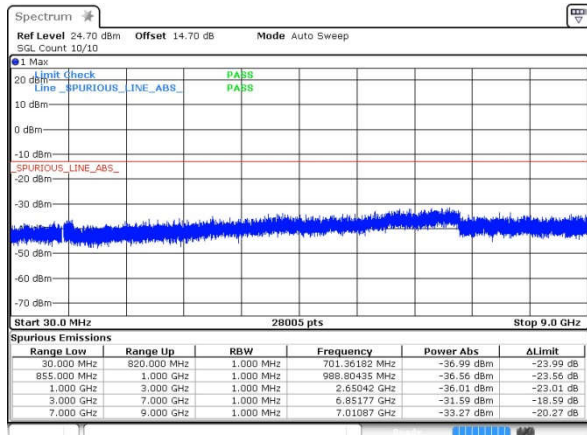
Middle Channel



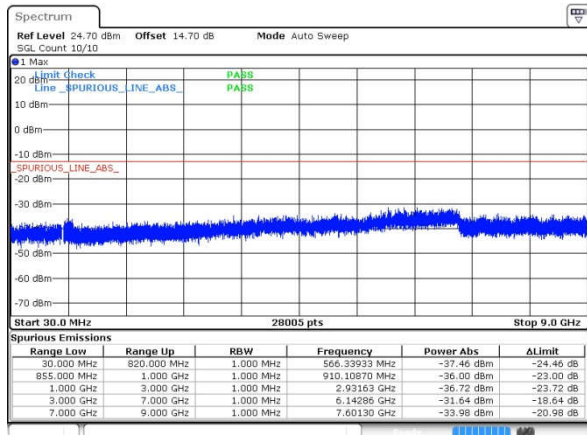
Middle Channel



Highest Channel



Highest Channel



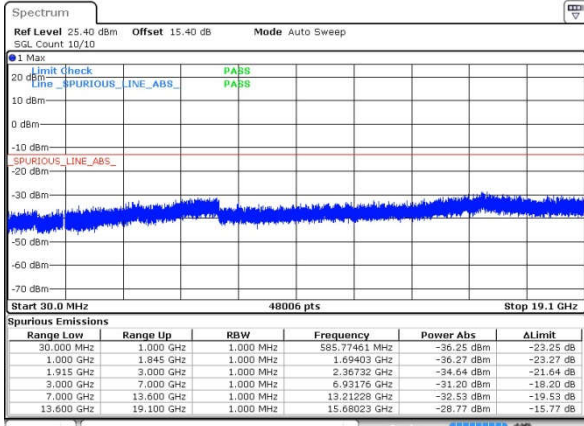
Date: 8.MAR.2020 13:42:21

Date: 8.MAR.2020 14:05:54



GSM1900 (GSM)

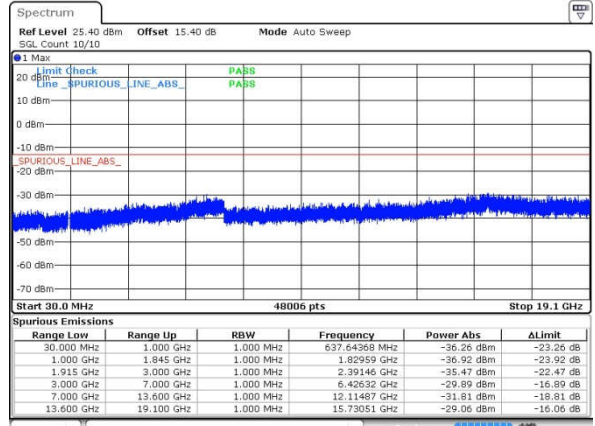
Lowest Channel



Date: 8 MAR 2020 15:43:48

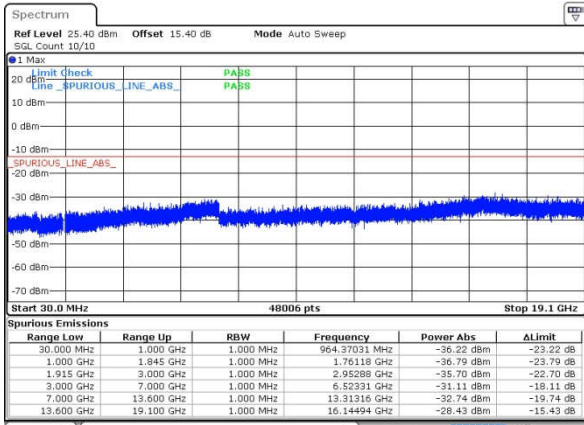
GSM1900 (EDGE class 8)

Lowest Channel



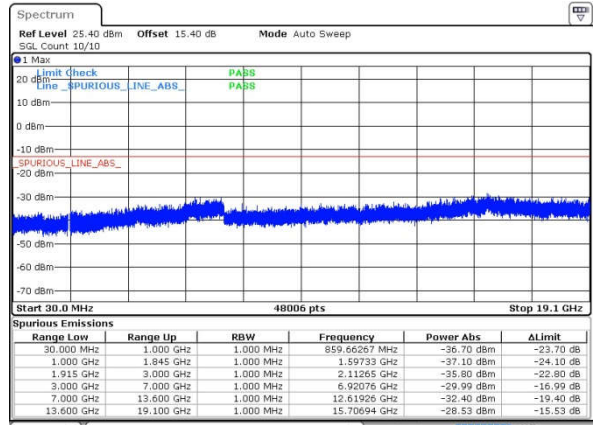
Date: 8 MAR 2020 16:02:48

Middle Channel



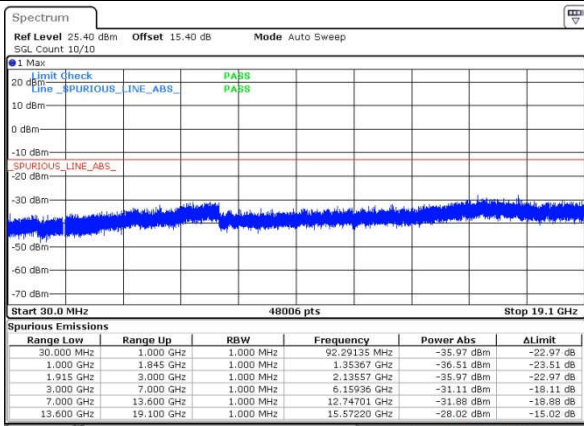
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Middle Channel



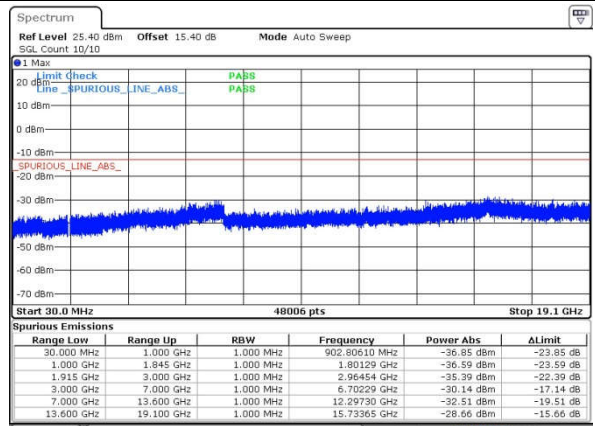
Date: 8 MAR 2020 16:04:09

Highest Channel



Date: 8 MAR 2020 15:46:36

Highest Channel

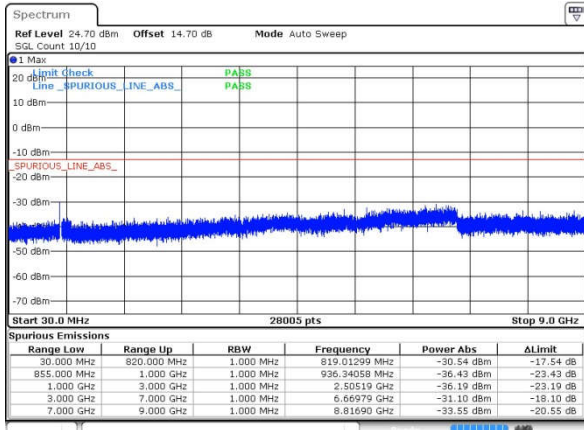


Date: 8 MAR 2020 16:05:30



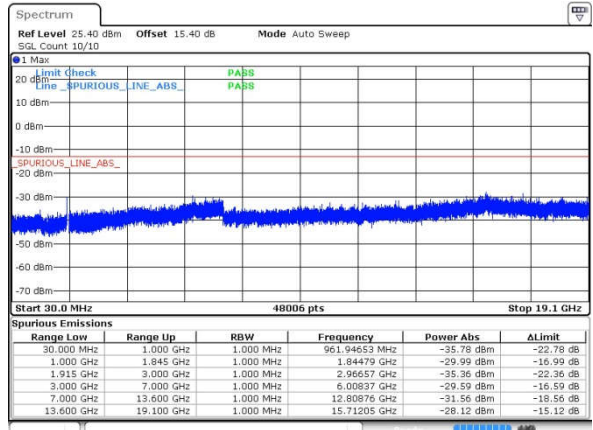
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

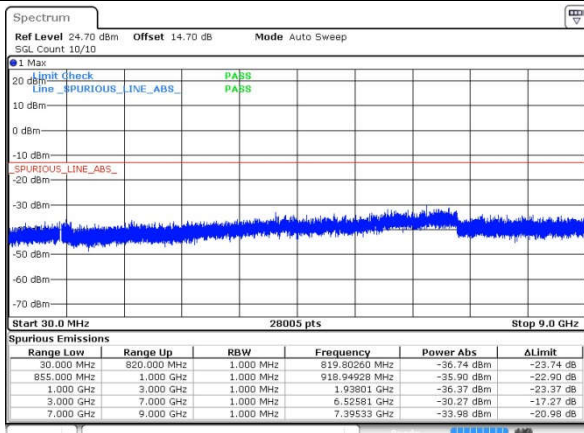


WCDMA Band II (RMC 12.2Kbps)

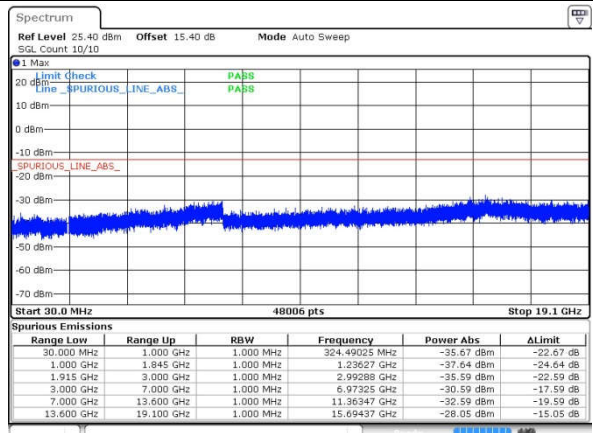
Lowest Channel



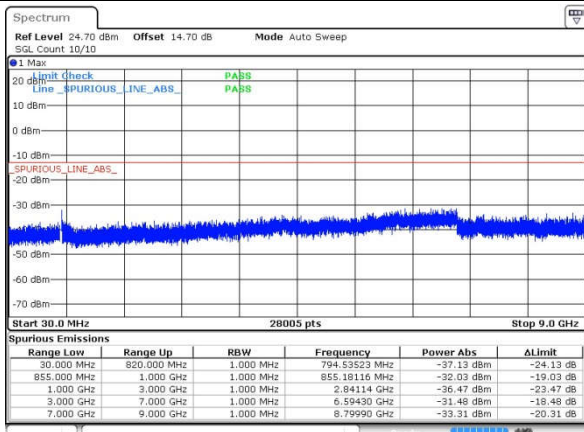
Middle Channel



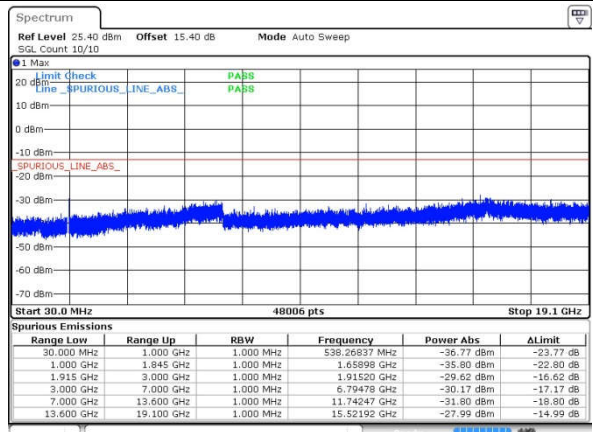
Middle Channel



Highest Channel



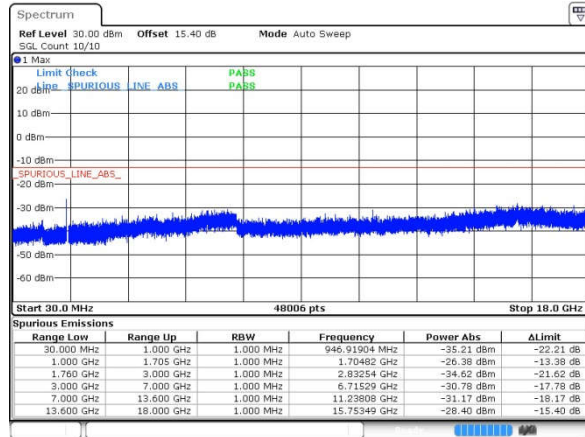
Highest Channel



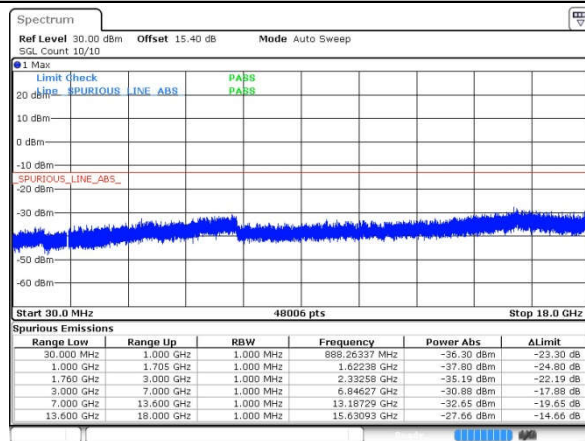


WCDMA Band IV (RMC 12.2Kbps)

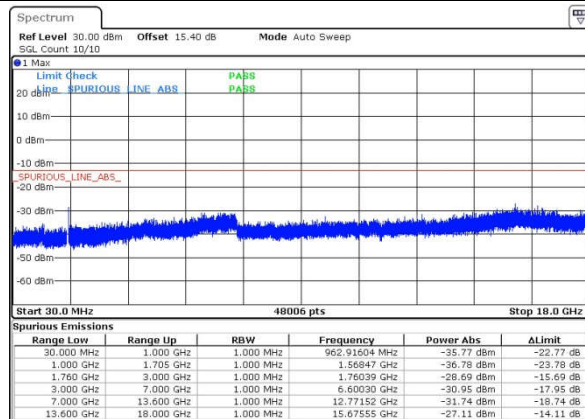
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0167	0.0239	PASS
40	Normal Voltage	0.0084	0.0132	
30	Normal Voltage	0.0155	0.0191	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0096	0.0167	
0	Normal Voltage	0.0179	0.0108	
-10	Normal Voltage	0.0203	0.0215	
-20	Normal Voltage	0.0132	0.0072	
-30	Normal Voltage	0.0072	0.0132	
20	Maximum Voltage	0.0024	0.0120	
20	Normal Voltage	0.0155	0.0191	
20	Battery End Point	0.0203	0.0048	

Note: Normal Voltage = 3.8V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V



Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0069	0.0037	PASS
40	Normal Voltage	0.0122	0.0016	
30	Normal Voltage	0.0021	0.0128	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0101	0.0011	
0	Normal Voltage	0.0106	0.0016	
-10	Normal Voltage	0.0090	0.0011	
-20	Normal Voltage	0.0027	0.0005	
-30	Normal Voltage	0.0128	0.0011	
20	Maximum Voltage	0.0069	0.0144	
20	Normal Voltage	0.0016	0.0011	
20	Battery End Point	0.0128	0.0101	

Note:

1. Normal Voltage = 3.8V ; 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.



Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0191	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0287	
0	Normal Voltage	0.0203	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0143	
-30	Normal Voltage	0.0084	
20	Maximum Voltage	0.0132	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0215	

Note: Normal Voltage = 3.8V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.2V



Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0101	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0112	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0106	
-20	Normal Voltage	0.0096	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0085	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.8V ; 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.



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0040	PASS
40	Normal Voltage	0.0052	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0052	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0075	
20	Battery End Point	0.0063	

Note:

1. Normal Voltage = 3.8V ; 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	-47.22	-13	-34.22	-54.19	1.58	10.70	H
	2509.2	-50.01	-13	-37.01	-58.26	2.102	12.50	H
	3348	-56.58	-13	-43.58	-65.47	2.856	13.90	H
	1672.8	-43.88	-13	-30.88	-50.85	1.58	10.70	V
	2510	-45.77	-13	-32.77	-54.02	2.10	12.50	V
	3348	-54.76	-13	-41.76	-63.65	2.86	13.90	V

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

GSM850 (EDGE class 8)								
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	-44.62	-13	-31.62	-51.59	1.58	10.70	H
	2509.2	-39.19	-13	-26.19	-47.44	2.102	12.50	H
	3348	-56.58	-13	-43.58	-65.47	2.856	13.90	H
	1672.8	-45.60	-13	-32.60	-52.57	1.58	10.70	V
	2510	-43.75	-13	-30.75	-52.00	2.10	12.50	V
	3348	-56.15	-13	-43.15	-65.04	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	-54.08	-13	-41.08	-66.34	2.641	14.90	H
	5640	-51.51	-13	-38.51	-63.37	2.94	14.80	H
	7524	-50.13	-13	-37.13	-59.90	3.39	13.16	H
	3759	-52.07	-13	-39.07	-64.33	2.64	14.90	V
	5640	-53.64	-13	-40.64	-65.50	2.94	14.80	V
	7524	-49.50	-13	-36.50	-59.27	3.39	13.16	V

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



GSM1900 (EDGE class 8)								
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	-54.81	-13	-41.81	-67.07	2.641	14.90	H
	5640	-51.12	-13	-38.12	-62.98	2.94	14.80	H
	7524	-50.16	-13	-37.16	-59.93	3.39	13.16	H
	3759	-53.05	-13	-40.05	-65.31	2.64	14.90	V
	5640	-54.41	-13	-41.41	-66.27	2.94	14.80	V
	7524	-49.57	-13	-36.57	-59.34	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	-67.48	-13	-54.48	-74.45	1.58	10.70	H
	2510	-61.74	-13	-48.74	-69.99	2.102	12.50	H
	3348	-63.91	-13	-50.91	-72.80	2.856	13.90	H
	1672	-66.80	-13	-53.80	-73.77	1.58	10.70	V
	2510	-61.81	-13	-48.81	-70.06	2.10	12.50	V
	3348	-63.96	-13	-50.96	-72.85	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	-54.83	-13	-41.83	-67.09	2.641	14.90	H
	5640	-55.11	-13	-42.11	-66.97	2.94	14.80	H
	7524	-50.72	-13	-37.72	-60.49	3.39	13.16	H
	3759	-54.52	-13	-41.52	-66.78	2.64	14.90	V
	5640	-54.90	-13	-41.90	-66.76	2.94	14.80	V
	7524	-50.03	-13	-37.03	-59.80	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	-57.15	-13	-44.15	-67.89	2.604	13.34	H
	5197.8	-56.44	-13	-43.44	-66.95	3.011	13.52	H
	6930.4	-53.02	-13	-40.02	-63.22	3.271	13.47	H
	3465	-57.73	-13	-44.73	-68.47	2.604	13.34	V
	5197.8	-56.51	-13	-43.51	-67.02	3.011	13.52	V
	6930.4	-52.21	-13	-39.21	-62.41	3.271	13.47	V

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