



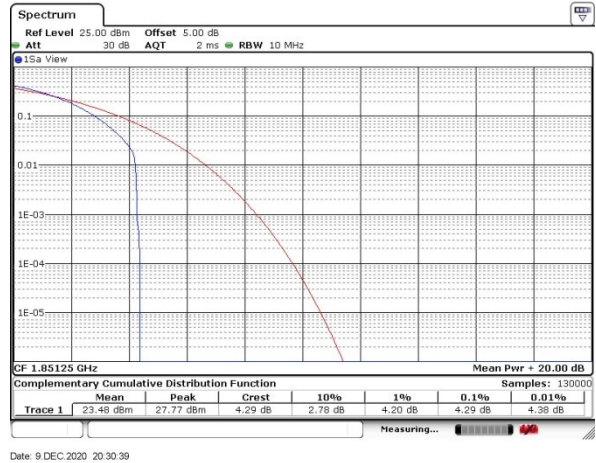
CDMA BC0 (1xRTT)

Lowest Channel

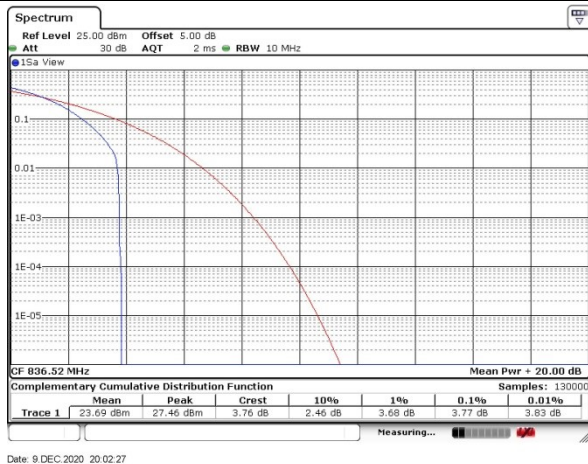


CDMA BC1 (1xRTT)

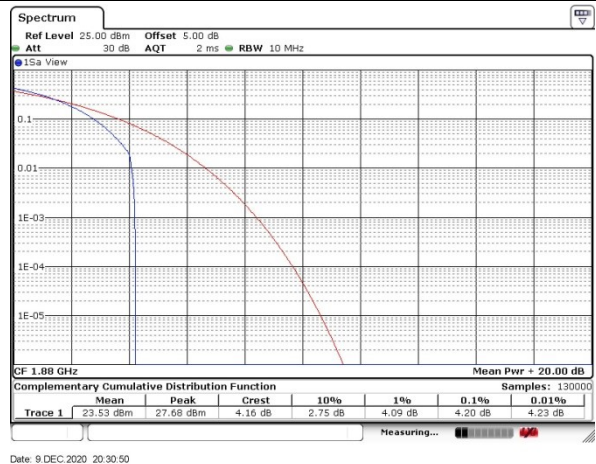
Lowest Channel



Middle Channel



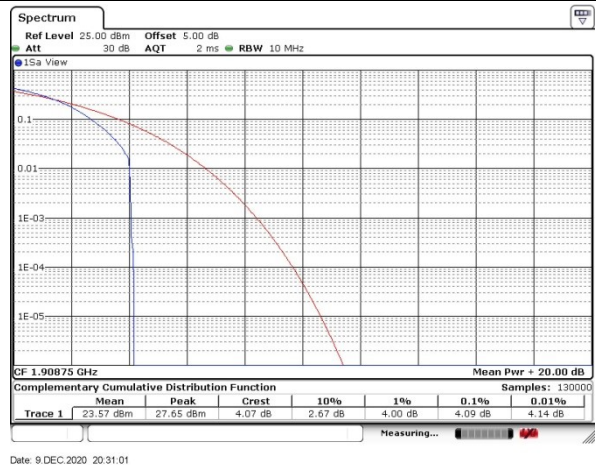
Middle Channel



Highest Channel



Highest Channel





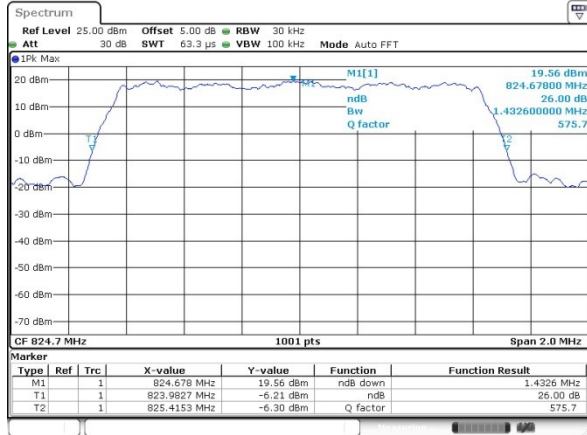
26dB Bandwidth

Mode	CDMA BC0	CDMA BC1
Mod.	1xRTT	1xRTT
Lowest CH	1.4326	1.4166
Middle CH	1.4346	1.4266
Highest CH	1.4366	1.4266



CDMA BC0 (1xRTT)

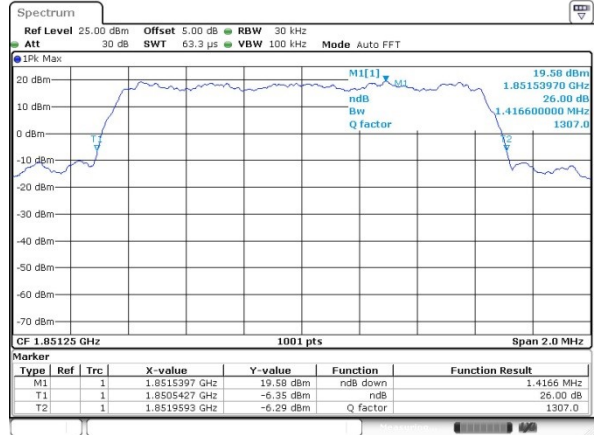
Lowest Channel



Date: 9 DEC 2020 19:51:46

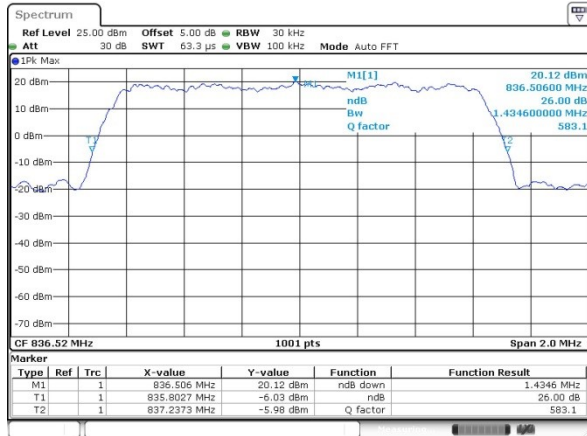
CDMA BC1 (1xRTT)

Lowest Channel



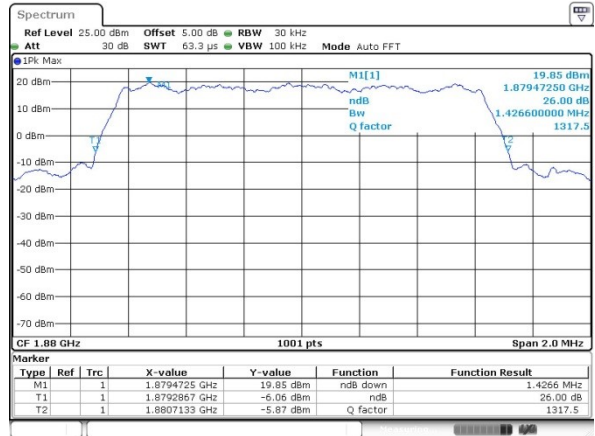
Date: 9 DEC 2020 20:13:31

Middle Channel



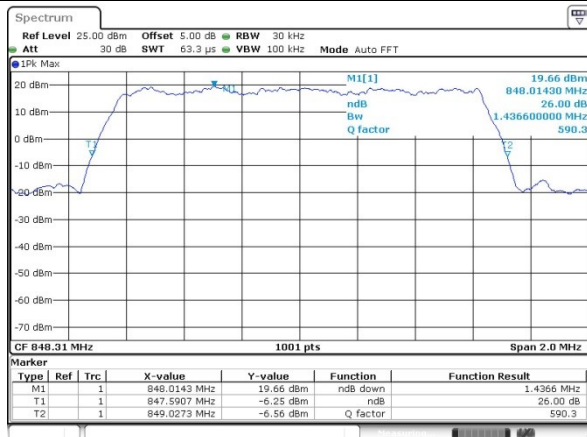
Date: 9 DEC 2020 19:52:25

Middle Channel



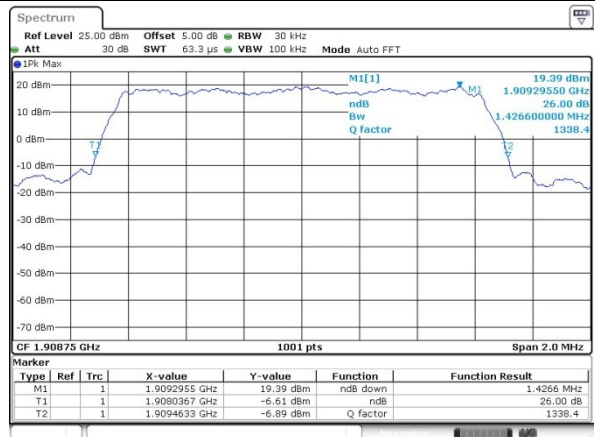
Date: 9 DEC 2020 20:13:31

Highest Channel



Date: 9 DEC 2020 19:53:08

Highest Channel



Date: 9 DEC 2020 20:15:56

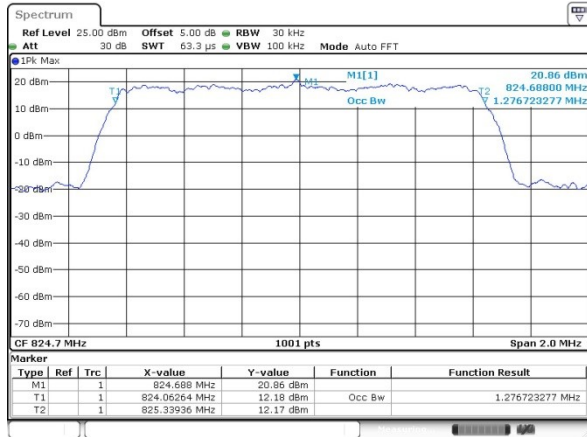
**Occupied Bandwidth**

Mode	CDMA BC0	CDMA BC1
Mod.	1xRTT	1xRTT
Lowest CH	1.277	1.273
Middle CH	1.277	1.277
Highest CH	1.279	1.271



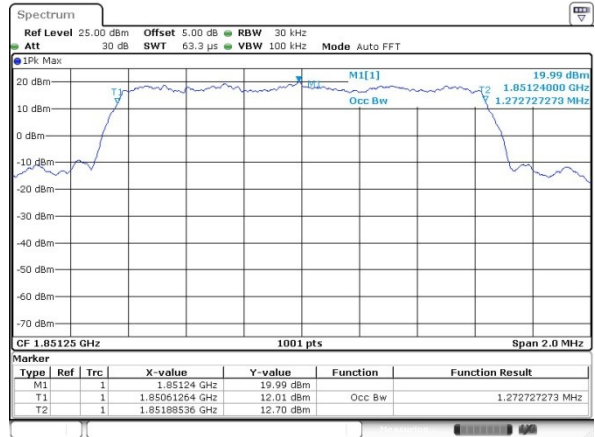
CDMA BC0 (1xRTT)

Lowest Channel

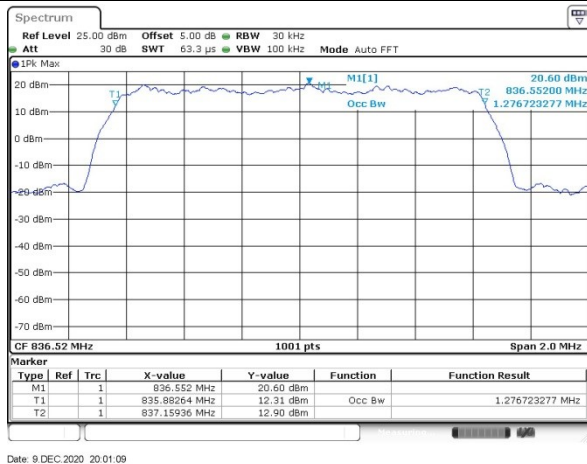


CDMA BC1(1xRTT)

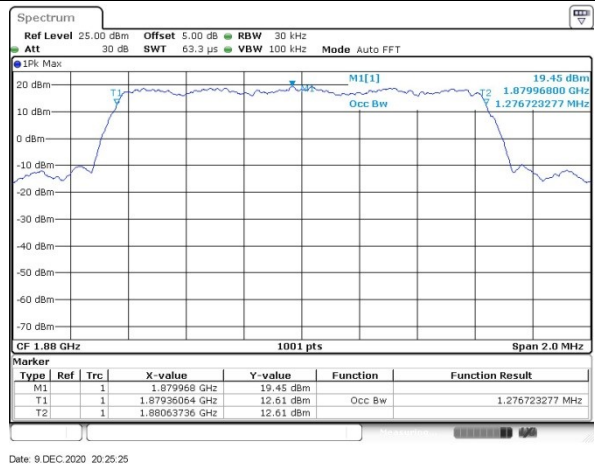
Lowest Channel



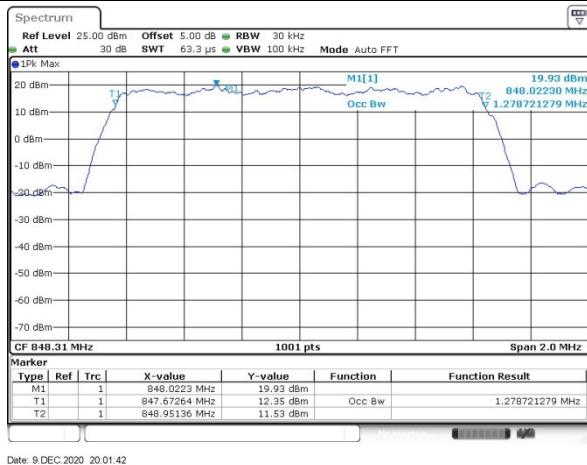
Middle Channel



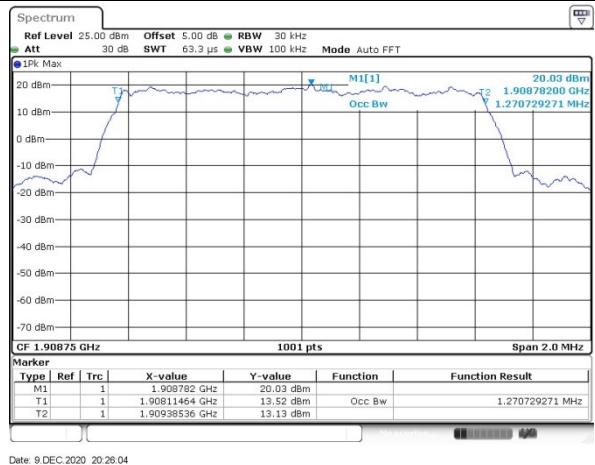
Middle Channel

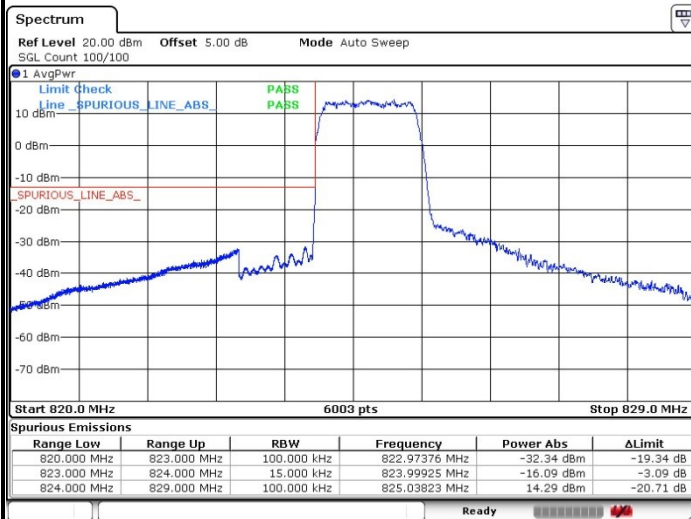


Highest Channel

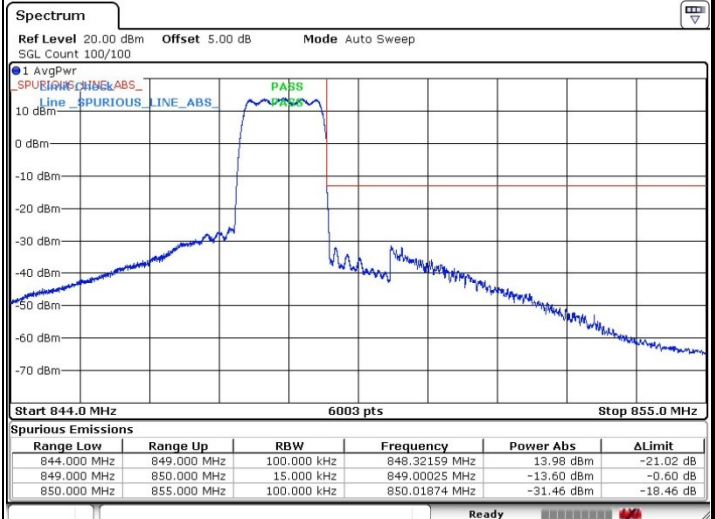


Highest Channel

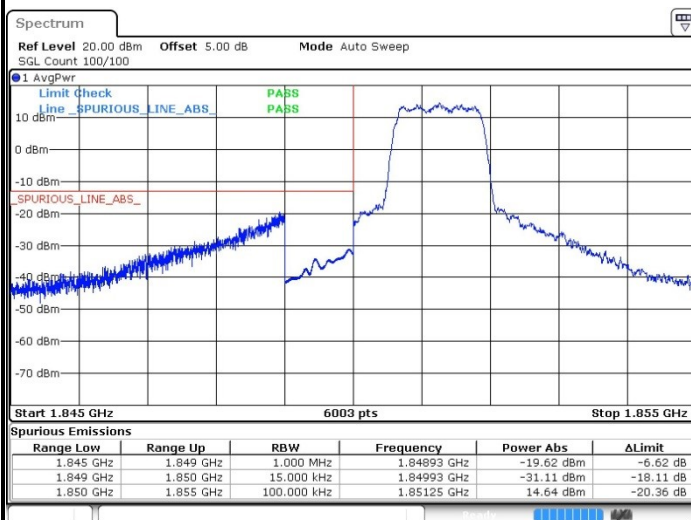


**Conducted Band Edge****CDMA BC0 (1xRTT)****Lowest Band Edge**

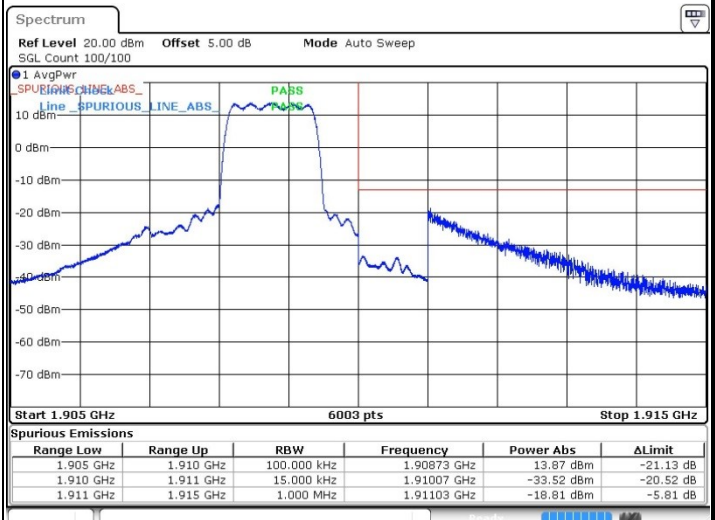
Date: 9 DEC 2020 19:27:17

Highest Band Edge

Date: 9 DEC 2020 19:50:36

CDMA BC1 (1xRTT)**Lowest Band Edge**

Date: 9 DEC 2020 20:09:59

Highest Band Edge

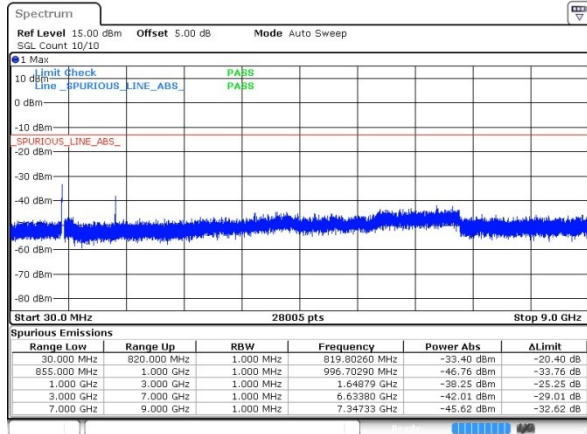
Date: 9 DEC 2020 20:12:49



Conducted Spurious Emission

CDMA BC0 (1xRTT)

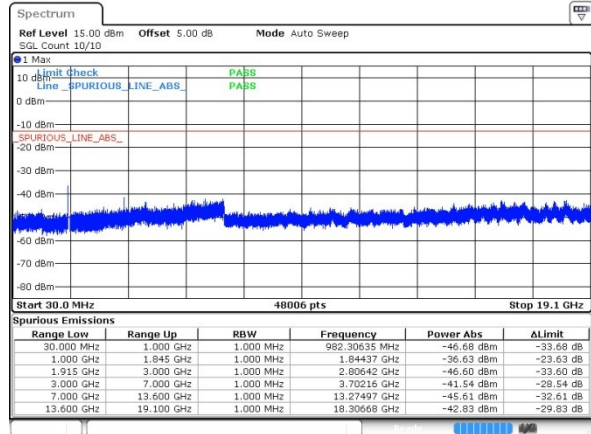
Lowest Channel



Date: 9 DEC 2020 19:57:02

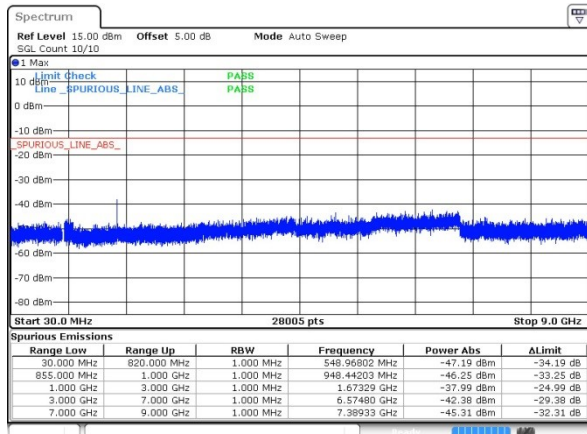
CDMA BC1 (1xRTT)

Lowest Channel



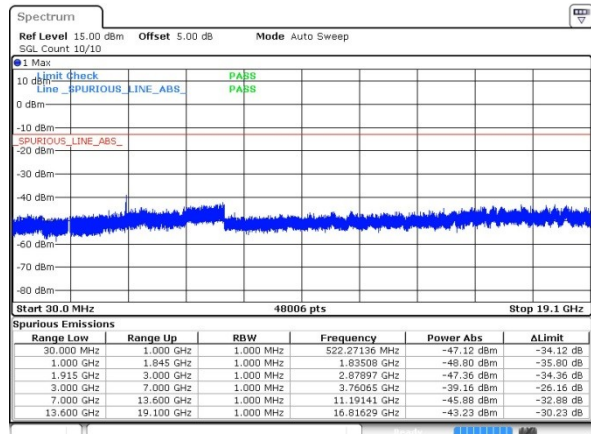
Date: 9 DEC 2020 20:27:32

Middle Channel



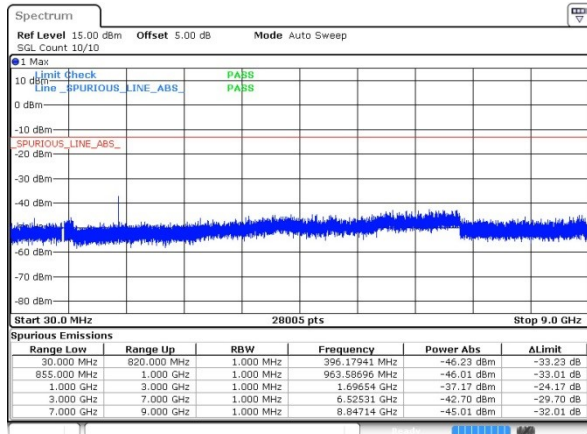
Date: 9 DEC 2020 19:58:33

Middle Channel



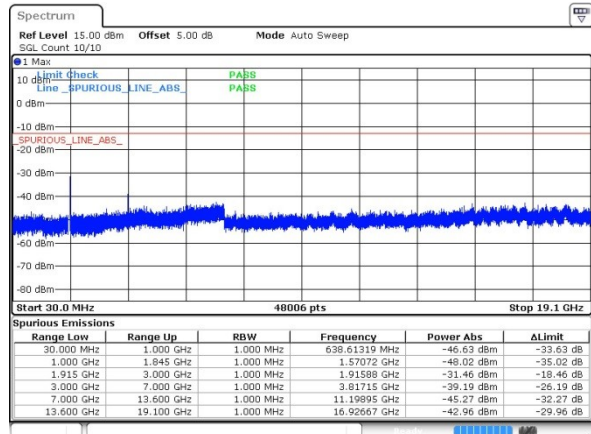
Date: 9 DEC 2020 20:28:50

Highest Channel



Date: 9 DEC 2020 19:59:53

Highest Channel



Date: 9 DEC 2020 20:30:24

Frequency Stability

Test Conditions	Middle Channel	CDMA BC0 (1xRTT)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0140	PASS
40	Normal Voltage	0.0133	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0165	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0098	
-30	Normal Voltage	0.0071	
20	Maximum Voltage	0.0104	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0101	

Note: Normal Voltage = 3.8V ; Battery End Point (BEP) = 3.4V. ; Maximum Voltage =4.45V

Test Conditions	Middle Channel	CDMA BC1 (1xRTT)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0092	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0103	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0082	

Note:

1. Normal Voltage = 3.8V ; Battery End Point (BEP) = 3.4V. ; Maximum Voltage =4.45V
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	-59.94	-13	-46.94	-66.91	1.58	10.70	H
	2510	-58.52	-13	-45.52	-66.77	2.102	12.50	H
	3348	-58.47	-13	-45.47	-67.36	2.856	13.90	H
	1672	-62.58	-13	-49.58	-69.55	1.58	10.70	V
	2510	-57.60	-13	-44.60	-65.85	2.10	12.50	V
	3348	-58.62	-13	-45.62	-67.51	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	-63.83	-13	-50.83	-70.80	1.58	10.70	H
	2510	-58.78	-13	-45.78	-67.03	2.102	12.50	H
	3348	-58.85	-13	-45.85	-67.74	2.856	13.90	H
	1672	-62.79	-13	-49.79	-69.76	1.58	10.70	V
	2510	-58.19	-13	-45.19	-66.44	2.10	12.50	V
	3348	-58.82	-13	-45.82	-67.71	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	-57.84	-13	-44.84	-70.10	2.641	14.90	H
	5640	-55.66	-13	-42.66	-67.52	2.94	14.80	H
	7524	-53.38	-13	-40.38	-63.15	3.39	13.16	H
	3759	-57.56	-13	-44.56	-69.82	2.64	14.90	V
	5640	-56.19	-13	-43.19	-68.05	2.94	14.80	V
	7524	-53.31	-13	-40.31	-63.08	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	-57.90	-13	-44.90	-70.16	2.641	14.90	H
	5640	-55.78	-13	-42.78	-67.64	2.94	14.80	H
	7524	-53.59	-13	-40.59	-63.36	3.39	13.16	H
	3759	-57.69	-13	-44.69	-69.95	2.64	14.90	V
	5640	-56.29	-13	-43.29	-68.15	2.94	14.80	V
	7524	-53.25	-13	-40.25	-63.02	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	-63.96	-13	-50.96	-70.93	1.58	10.70	H
	2510	-58.79	-13	-45.79	-67.04	2.102	12.50	H
	3348	-58.87	-13	-45.87	-67.76	2.856	13.90	H
	1672	-62.79	-13	-49.79	-69.76	1.58	10.70	V
	2510	-58.26	-13	-45.26	-66.51	2.10	12.50	V
	3348	-58.79	-13	-45.79	-67.68	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	-57.91	-13	-44.91	-70.17	2.64	14.90	H
	5640	-55.54	-13	-42.54	-67.40	2.94	14.80	H
	7524	-53.56	-13	-40.56	-63.33	3.39	13.16	H
	3759	-57.72	-13	-44.72	-69.98	2.64	14.90	V
	5640	-56.21	-13	-43.21	-68.07	2.94	14.80	V
	7524	-53.48	-13	-40.48	-63.25	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	-58.23	-13	-45.23	-68.97	2.604	13.34	H
	5199	-55.16	-13	-42.16	-65.67	3.011	13.52	H
	6936	-54.87	-13	-41.87	-65.07	3.271	13.47	H
	3465	-58.50	-13	-45.50	-69.24	2.604	13.34	V
	5199	-54.63	-13	-41.63	-65.14	3.011	13.52	V
	6936	-54.93	-13	-41.93	-65.13	3.271	13.47	V

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

CDMA BC0(1xRTT)								
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	1674	-63.63	-13	-50.63	-70.60	1.58	10.70	H
	2510	-58.44	-13	-45.44	-66.69	2.102	12.50	H
	3348	-58.60	-13	-45.60	-67.49	2.856	13.90	H
	1674	-62.71	-13	-49.71	-69.68	1.58	10.70	V
	2510	-57.66	-13	-44.66	-65.91	2.10	12.50	V
	3348	-58.61	-13	-45.61	-67.50	2.86	13.90	V

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

CDMA BC1(1xRTT)								
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	-57.59	-13	-44.59	-69.85	2.641	14.90	H
	5640	-55.37	-13	-42.37	-67.23	2.94	14.80	H
	7524	-53.14	-13	-40.14	-62.91	3.39	13.16	H
	3759	-57.44	-13	-44.44	-69.70	2.64	14.90	V
	5640	-55.79	-13	-42.79	-67.65	2.94	14.80	V
	7524	-53.25	-13	-40.25	-63.02	3.39	13.16	V

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