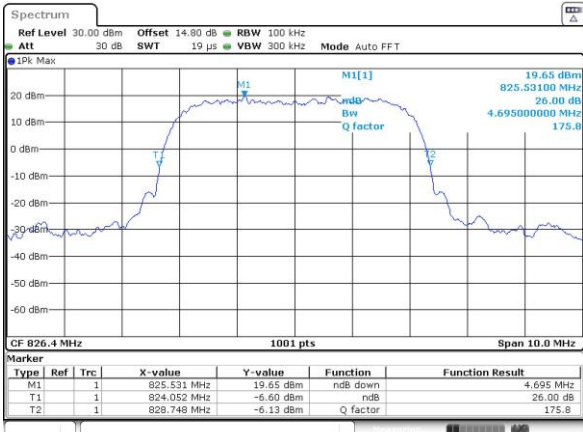




WCDMA Band V (RMC 12.2Kbps)

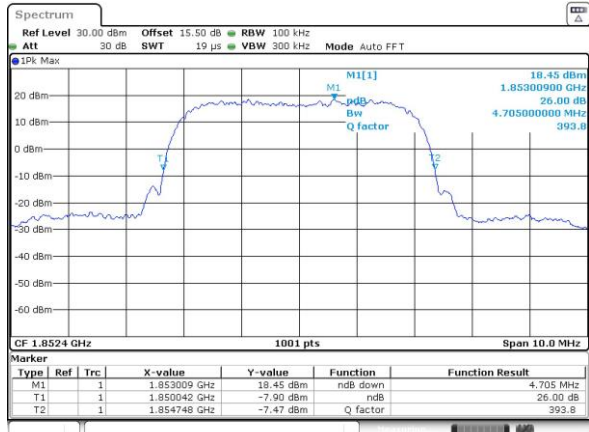
Lowest Channel



Date: 19_APR_2021 16:51:34

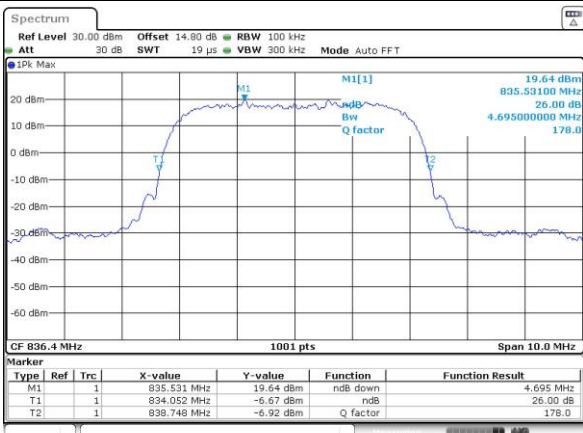
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



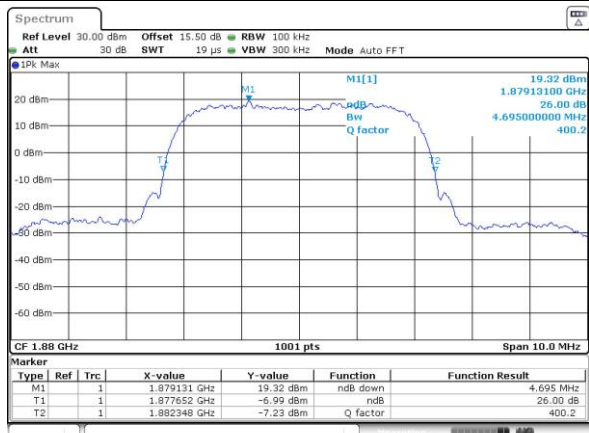
Date: 19_APR_2021 16:13:37

Middle Channel



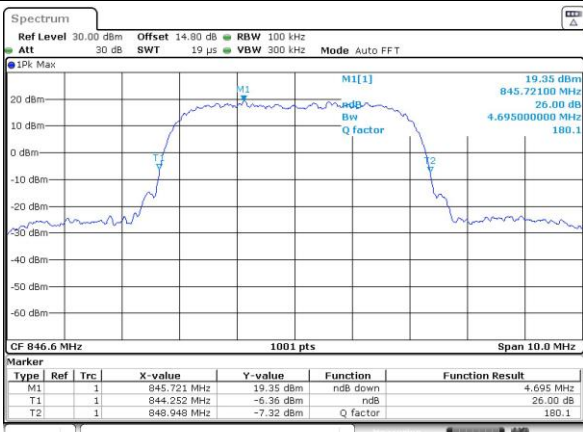
Date: 19_APR_2021 16:52:06

Middle Channel



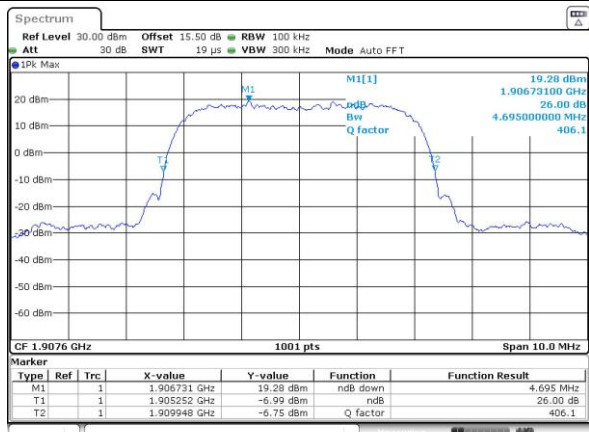
Date: 19_APR_2021 16:13:04

Highest Channel

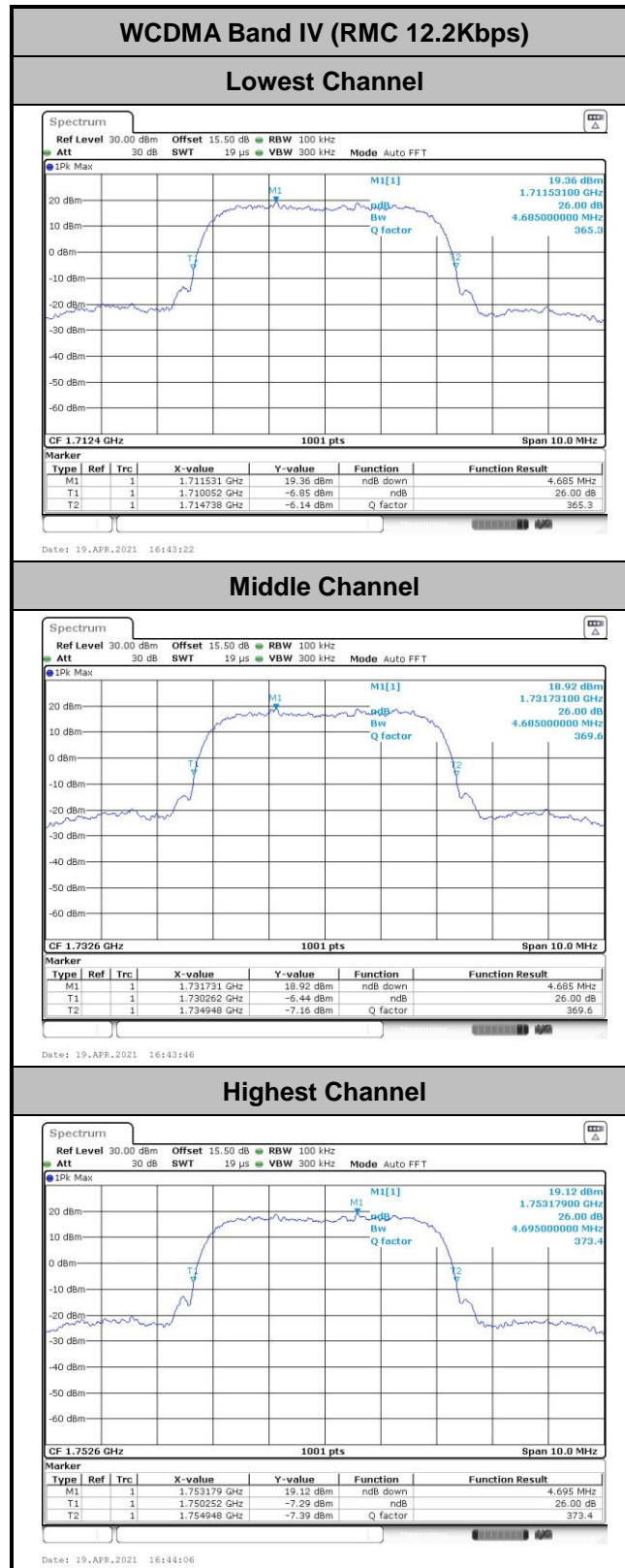


Date: 19_APR_2021 16:52:48

Highest Channel



Date: 19_APR_2021 16:13:30





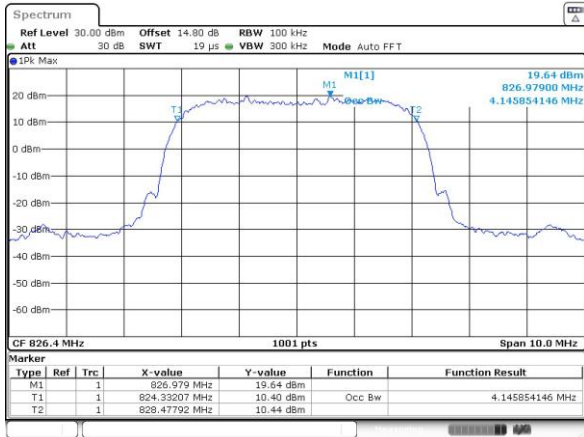
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.146	4.156	4.146
Middle CH	4.146	4.146	4.136
Highest CH	4.146	4.156	4.146



WCDMA Band V (RMC 12.2Kbps)

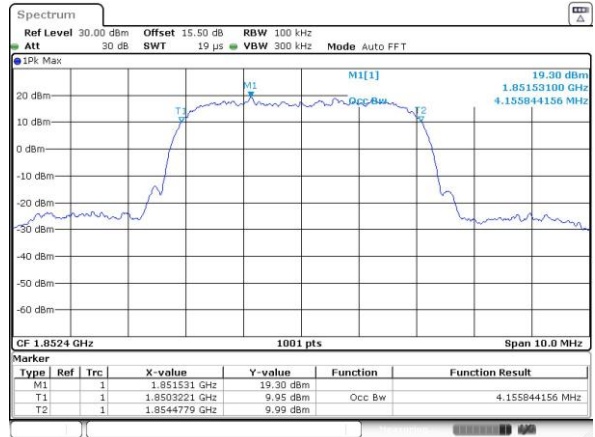
Lowest Channel



Date: 19_APR_2021 16:54:49

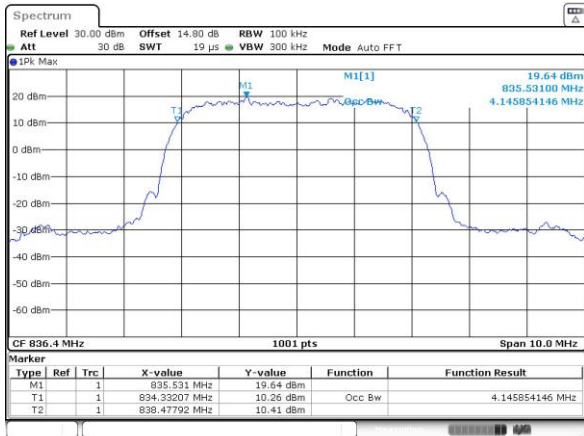
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



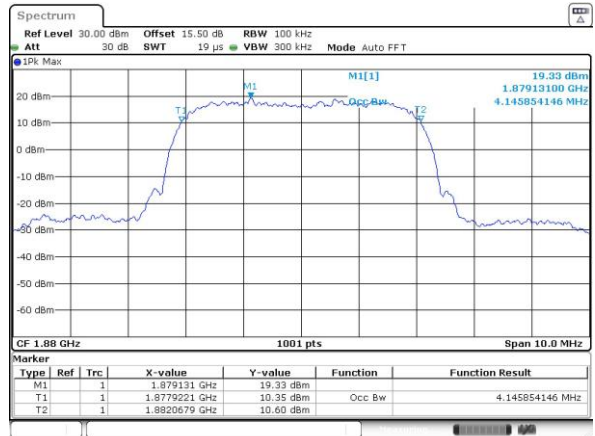
Date: 19_APR_2021 16:13:15

Middle Channel



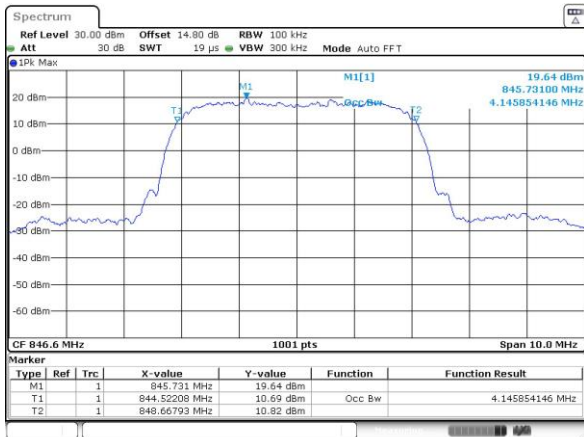
Date: 19_APR_2021 16:55:09

Middle Channel



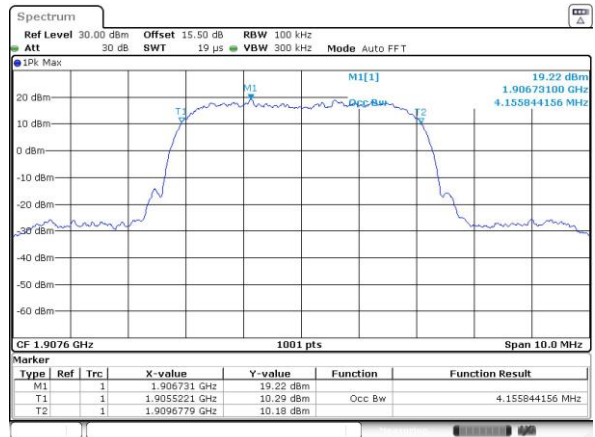
Date: 19_APR_2021 16:13:38

Highest Channel

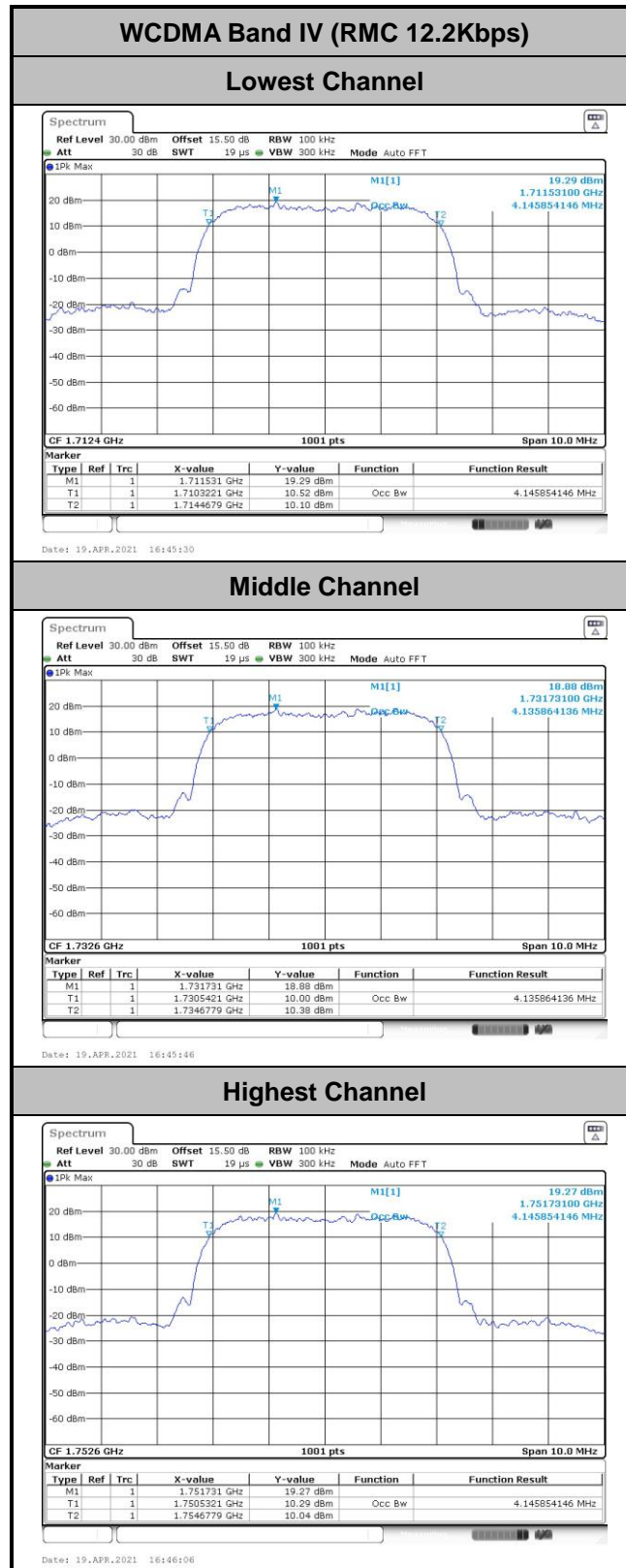


Date: 19_APR_2021 16:55:30

Highest Channel



Date: 19_APR_2021 16:17:12

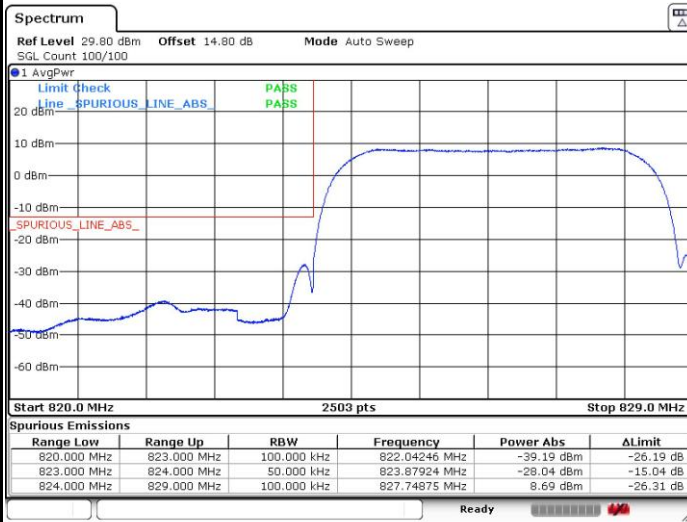




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

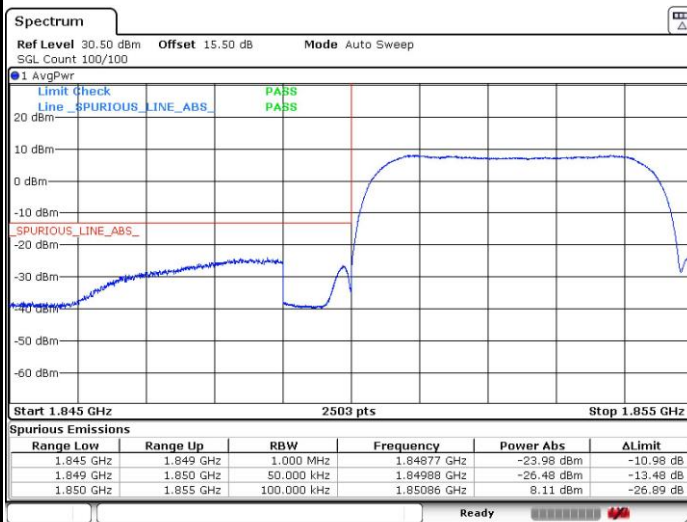


Highest Band Edge

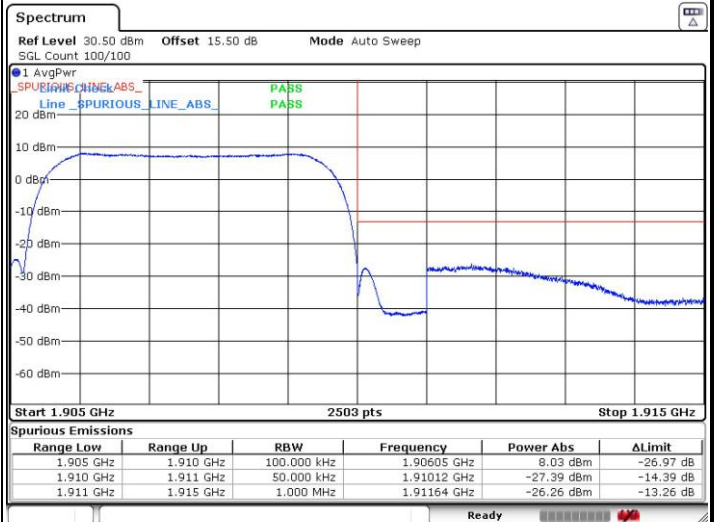


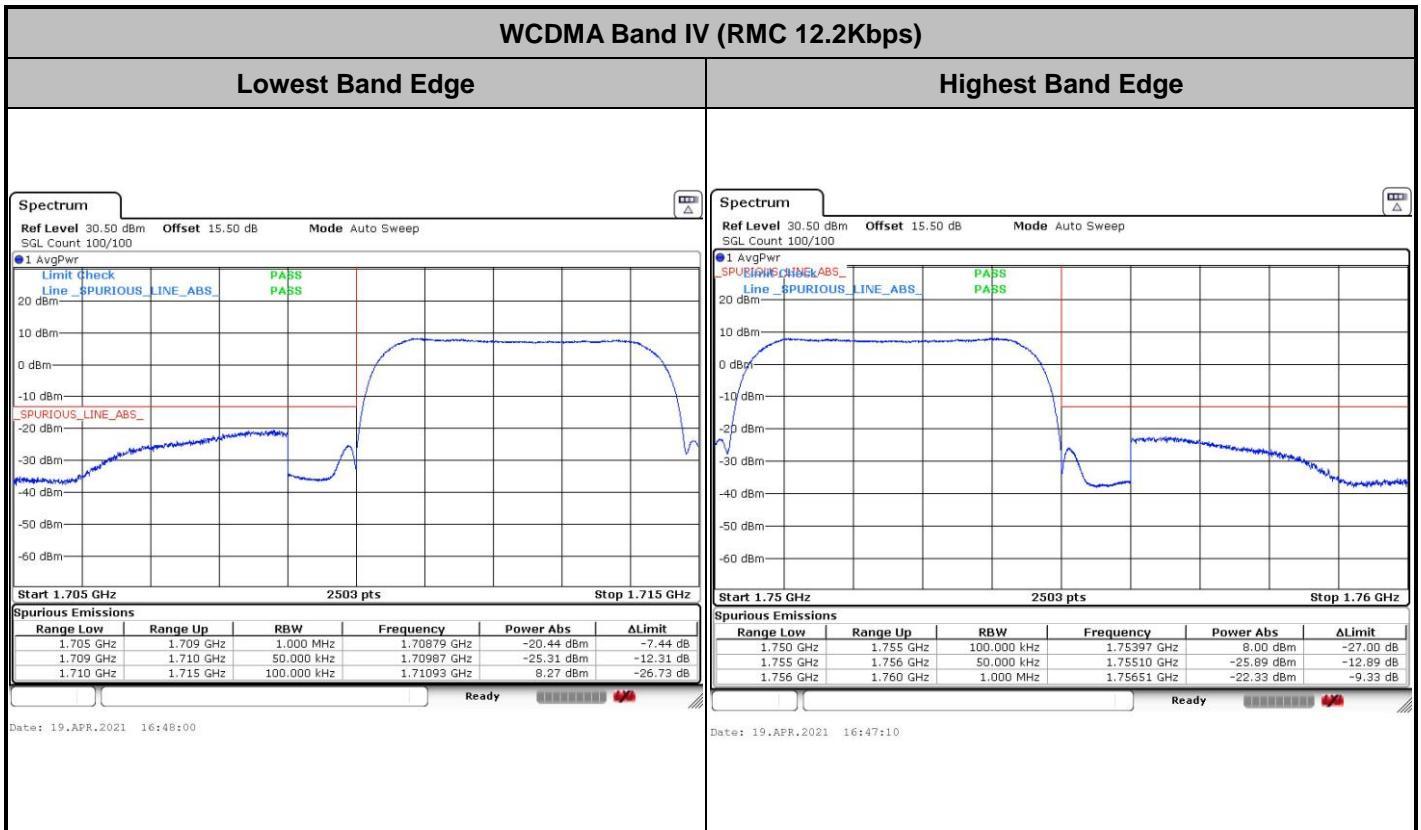
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



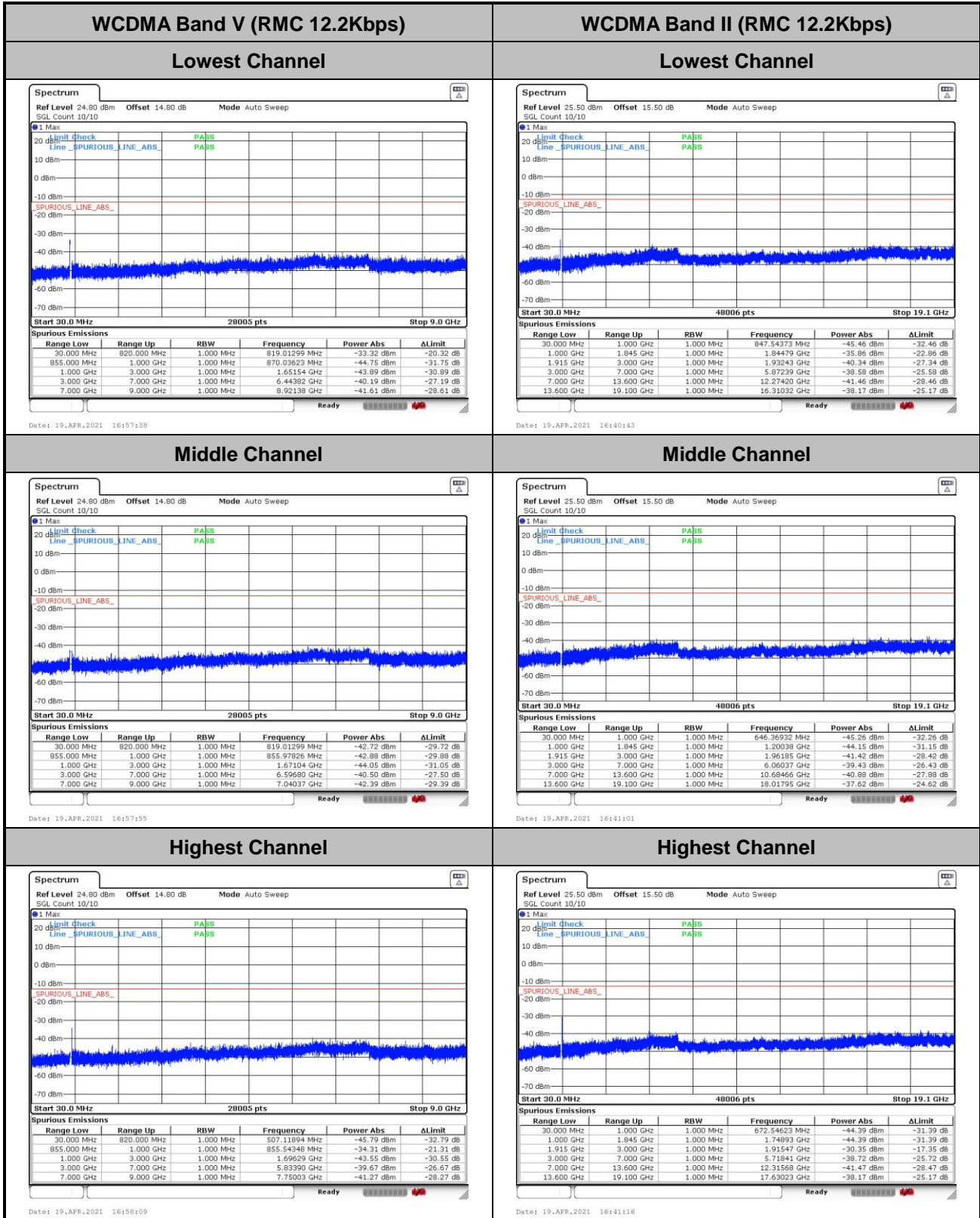
Highest Band Edge







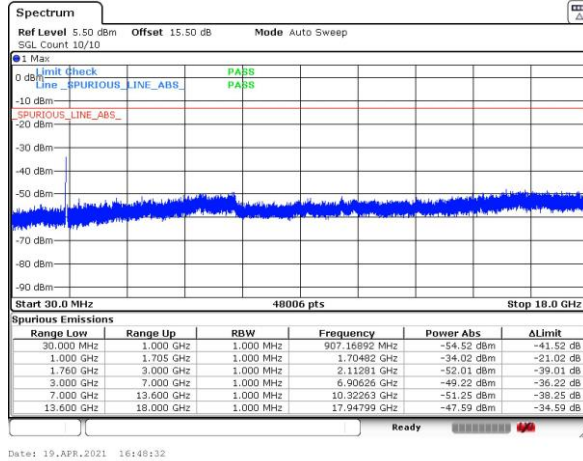
Conducted Spurious Emission



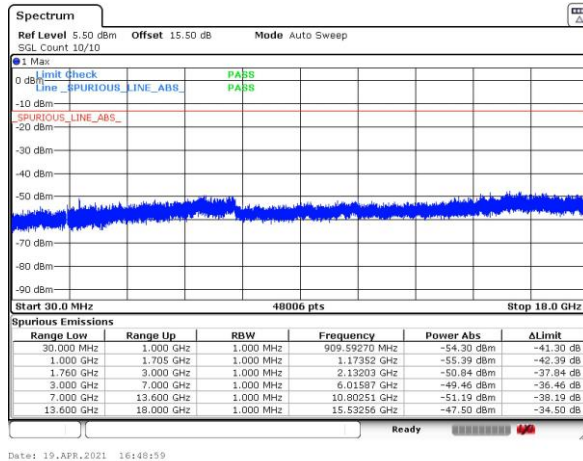


WCDMA Band IV (RMC 12.2Kbps)

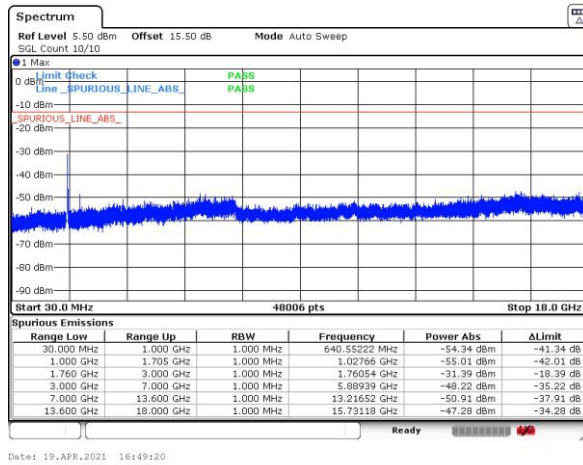
Lowest Channel



Middle Channel



Highest Channel





Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm Result
50	Normal Voltage	0.0072	PASS
40	Normal Voltage	0.0216	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0135	
0	Normal Voltage	0.0169	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0211	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0065	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.35V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0111	
30	Normal Voltage	0.0126	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0136	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0122	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.35V
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	0.0026	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0133	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0125	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0113	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.35V
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	-29.17	-13	-16.17	-36.14	1.58	10.70	H
	2510	-50.67	-13	-37.67	-58.92	2.102	12.50	H
	3348	-56.09	-13	-43.09	-64.98	2.856	13.90	H
	1672	-26.18	-13	-13.18	-33.15	1.58	10.70	V
	2510	-47.85	-13	-34.85	-56.10	2.10	12.50	V
	3348	-58.33	-13	-45.33	-67.22	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	-36.86	-13	-23.86	-43.83	1.58	10.70	H
	2510	-48.68	-13	-35.68	-56.93	2.102	12.50	H
	3348	-57.77	-13	-44.77	-66.66	2.856	13.90	H
	1672	-36.07	-13	-23.07	-43.04	1.58	10.70	V
	2510	-48.46	-13	-35.46	-56.71	2.10	12.50	V
	3348	-58.73	-13	-45.73	-67.62	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	-58.95	-13	-45.95	-71.21	2.641	14.90	H
	5640	-56.03	-13	-43.03	-67.89	2.94	14.80	H
	7524	-54.54	-13	-41.54	-64.31	3.39	13.16	H
	3759	-59.11	-13	-46.11	-71.37	2.64	14.90	V
	5640	-56.69	-13	-43.69	-68.55	2.94	14.80	V
	7524	-54.56	-13	-41.56	-64.33	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	-59.47	-13	-46.47	-71.73	2.641	14.90	H
	5640	-55.65	-13	-42.65	-67.51	2.94	14.80	H
	7524	-54.79	-13	-41.79	-64.56	3.39	13.16	H
	9396	-51.51	-13	-38.51	-61.99	4.00	14.48	H
	3759	-59.26	-13	-46.26	-71.52	2.64	14.90	V
	5640	-57.47	-13	-44.47	-69.33	2.94	14.80	V
	7524	-54.27	-13	-41.27	-64.04	3.39	13.16	V
	9396	-53.11	-13	-40.11	-63.59	4.00	14.48	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	1674	-54.19	-13	-41.19	-61.16	1.58	10.70	H
	2510	-59.77	-13	-46.77	-68.02	2.102	12.50	H
	3348	-60.10	-13	-47.10	-68.99	2.856	13.90	H
	1674	-53.73	-13	-40.73	-60.70	1.58	10.70	V
	2510	-59.19	-13	-46.19	-67.44	2.10	12.50	V
	3348	-60.02	-13	-47.02	-68.91	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	-59.41	-13	-46.41	-71.67	2.64	14.90	H
	5640	-57.05	-13	-44.05	-68.91	2.94	14.80	H
	7524	-54.51	-13	-41.51	-64.28	3.39	13.16	H
	3759	-59.37	-13	-46.37	-71.63	2.64	14.90	V
	5640	-57.57	-13	-44.57	-69.43	2.94	14.80	V
	7524	-54.45	-13	-41.45	-64.22	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	-60.41	-13	-47.41	-71.15	2.604	13.34	H
	5199	-56.59	-13	-43.59	-67.10	3.011	13.52	H
	6936	-56.59	-13	-43.59	-66.79	3.271	13.47	H
	3465	-60.60	-13	-47.60	-71.34	2.604	13.34	V
	5199	-56.70	-13	-43.70	-67.21	3.011	13.52	V
	6936	-56.38	-13	-43.38	-66.58	3.271	13.47	V

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