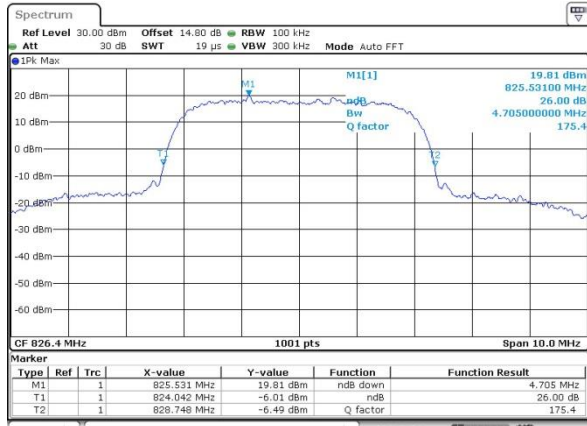




WCDMA Band V (RMC 12.2Kbps)

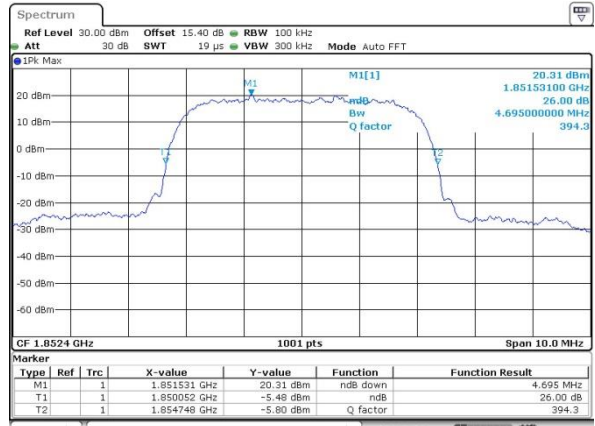
Lowest Channel



Date: 27 MAY 2021 12:18:49

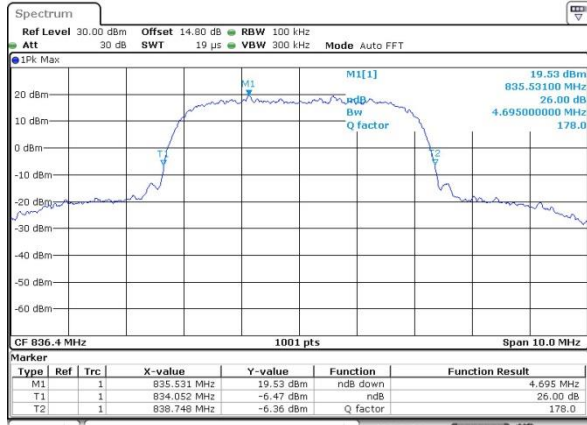
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



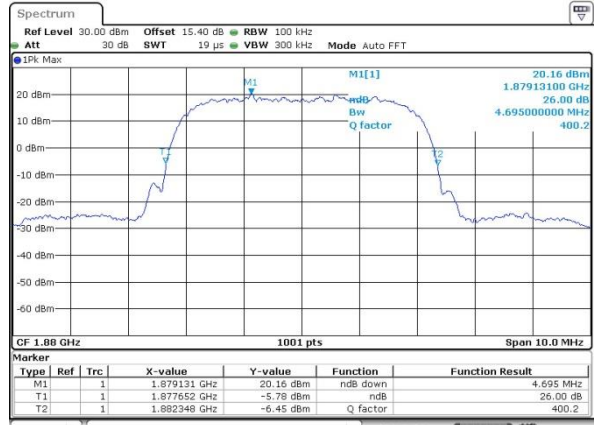
Date: 27 MAY 2021 12:28:26

Middle Channel



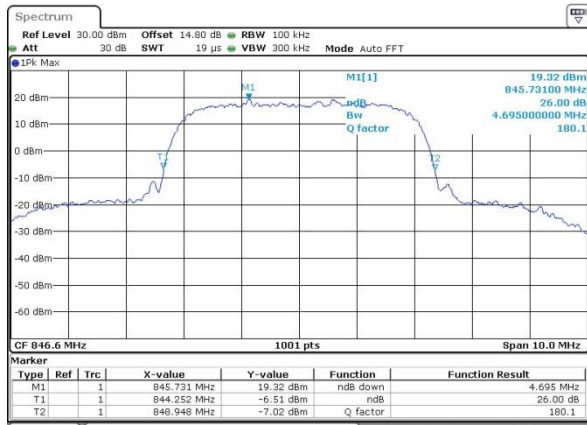
Date: 27 MAY 2021 12:19:05

Middle Channel



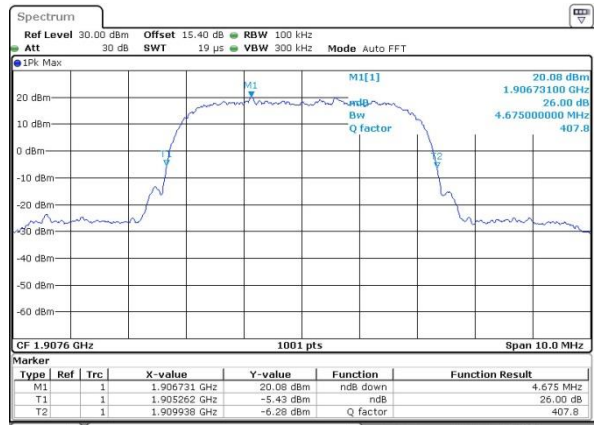
Date: 27 MAY 2021 12:28:42

Highest Channel

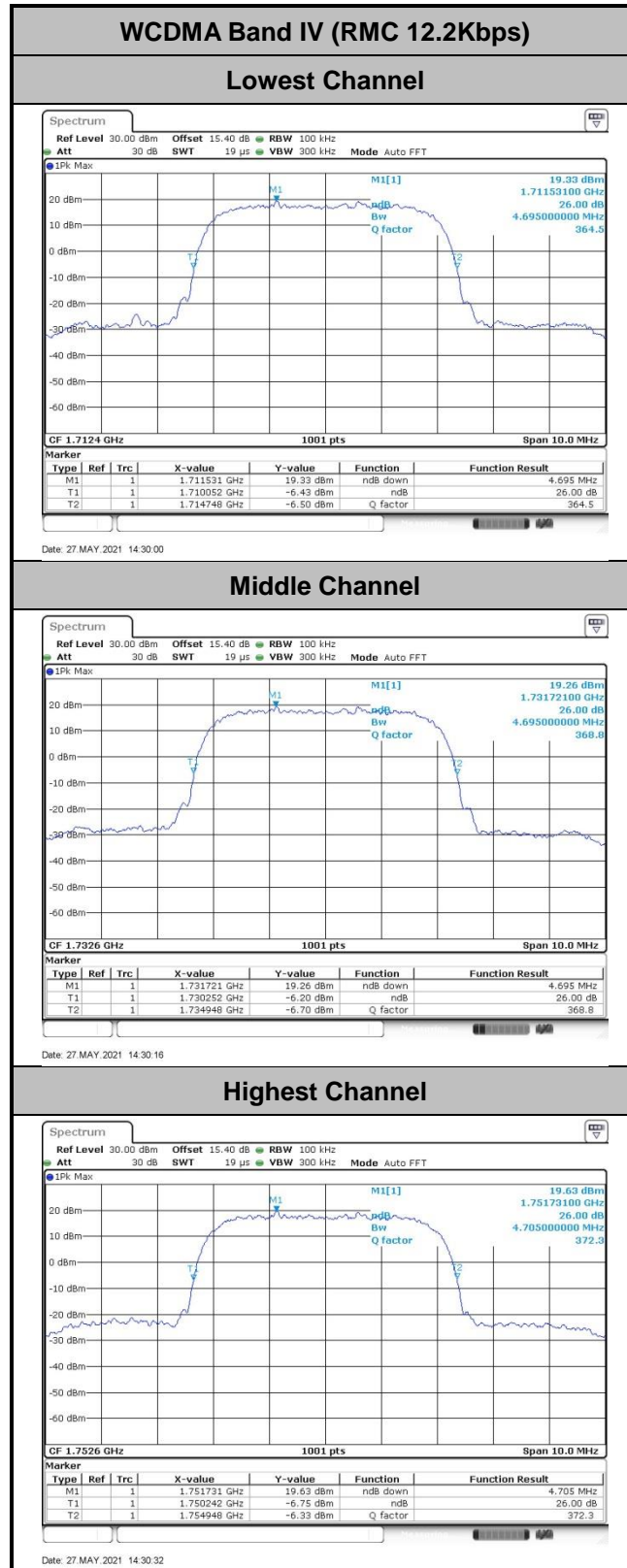


Date: 27 MAY 2021 12:19:21

Highest Channel



Date: 27 MAY 2021 12:28:58





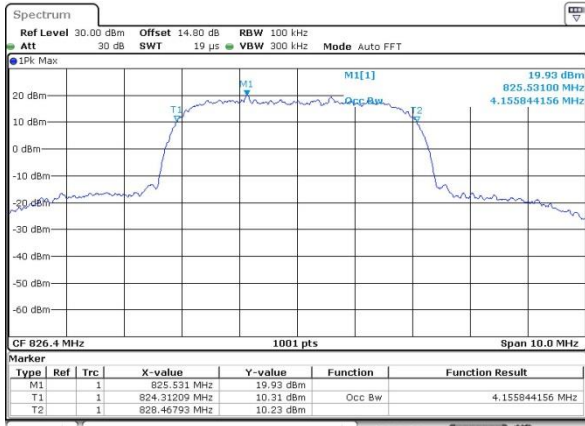
Occupied Bandwidth

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)	WCDMA Band IV(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.16	4.15	4.14
Middle CH	4.14	4.15	4.14
Highest CH	4.14	4.14	4.14



WCDMA Band V (RMC 12.2Kbps)

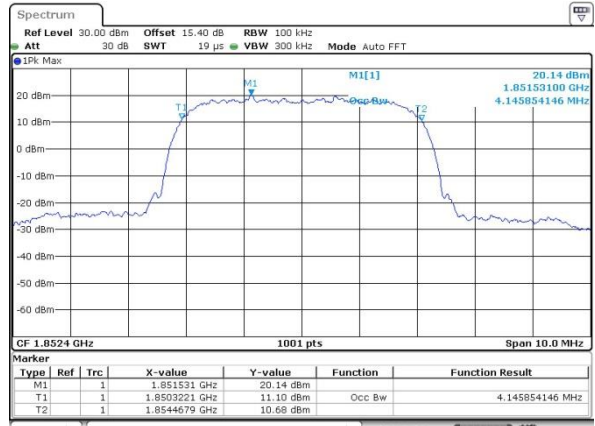
Lowest Channel



Date: 27 MAY 2021 12:19:37

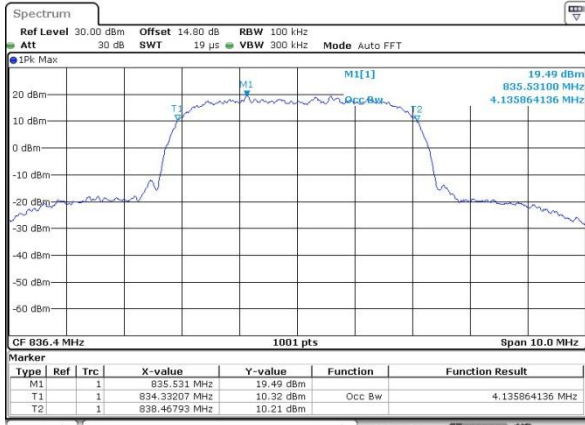
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



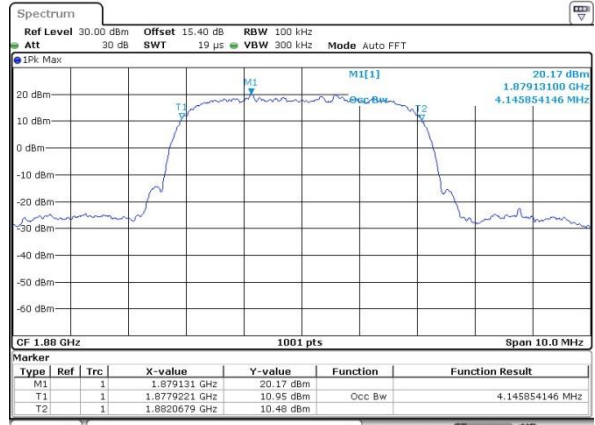
Date: 27 MAY 2021 12:28:14

Middle Channel



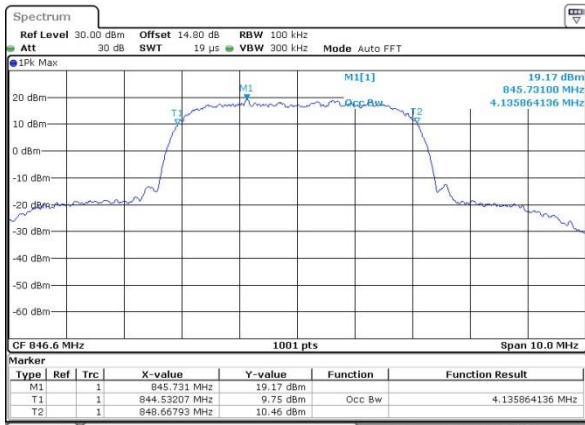
Date: 27 MAY 2021 12:19:53

Middle Channel



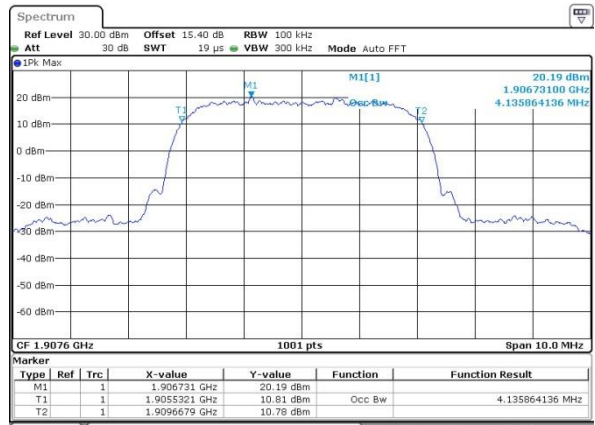
Date: 27 MAY 2021 12:29:30

Highest Channel

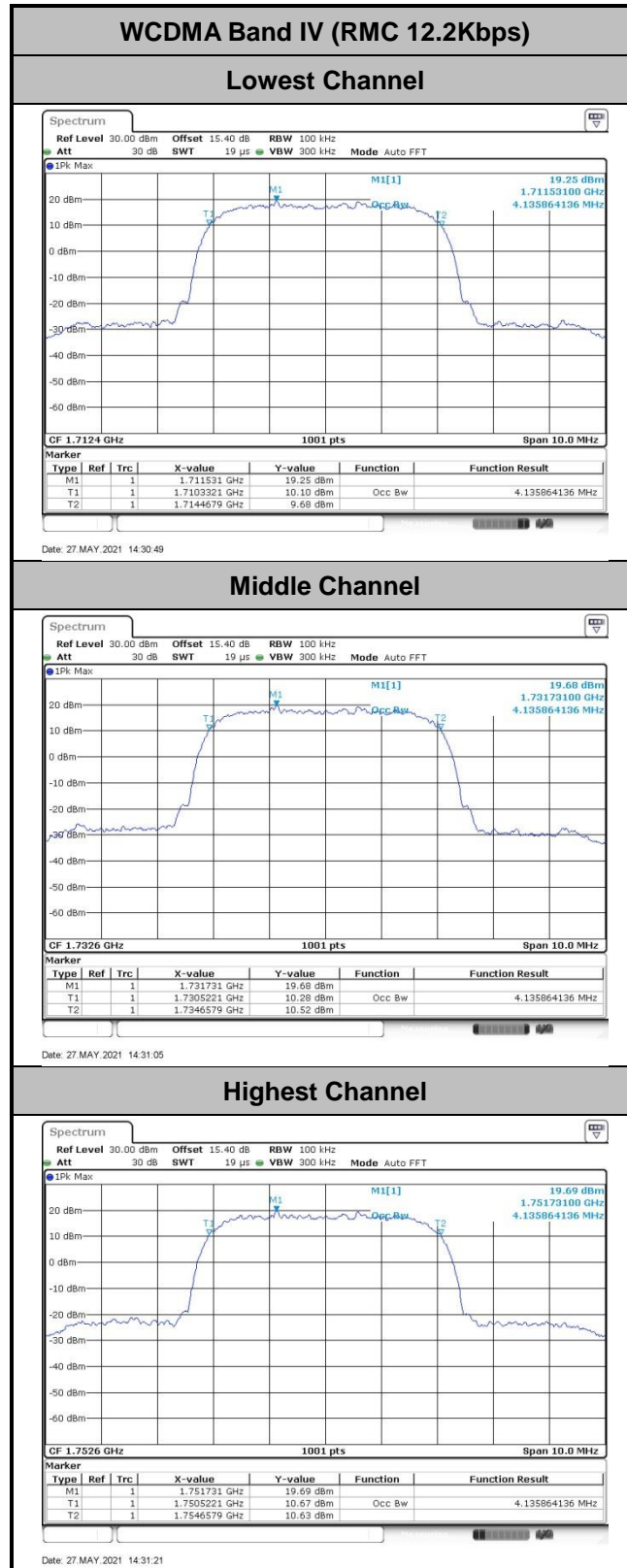


Date: 27 MAY 2021 12:20:09

Highest Channel

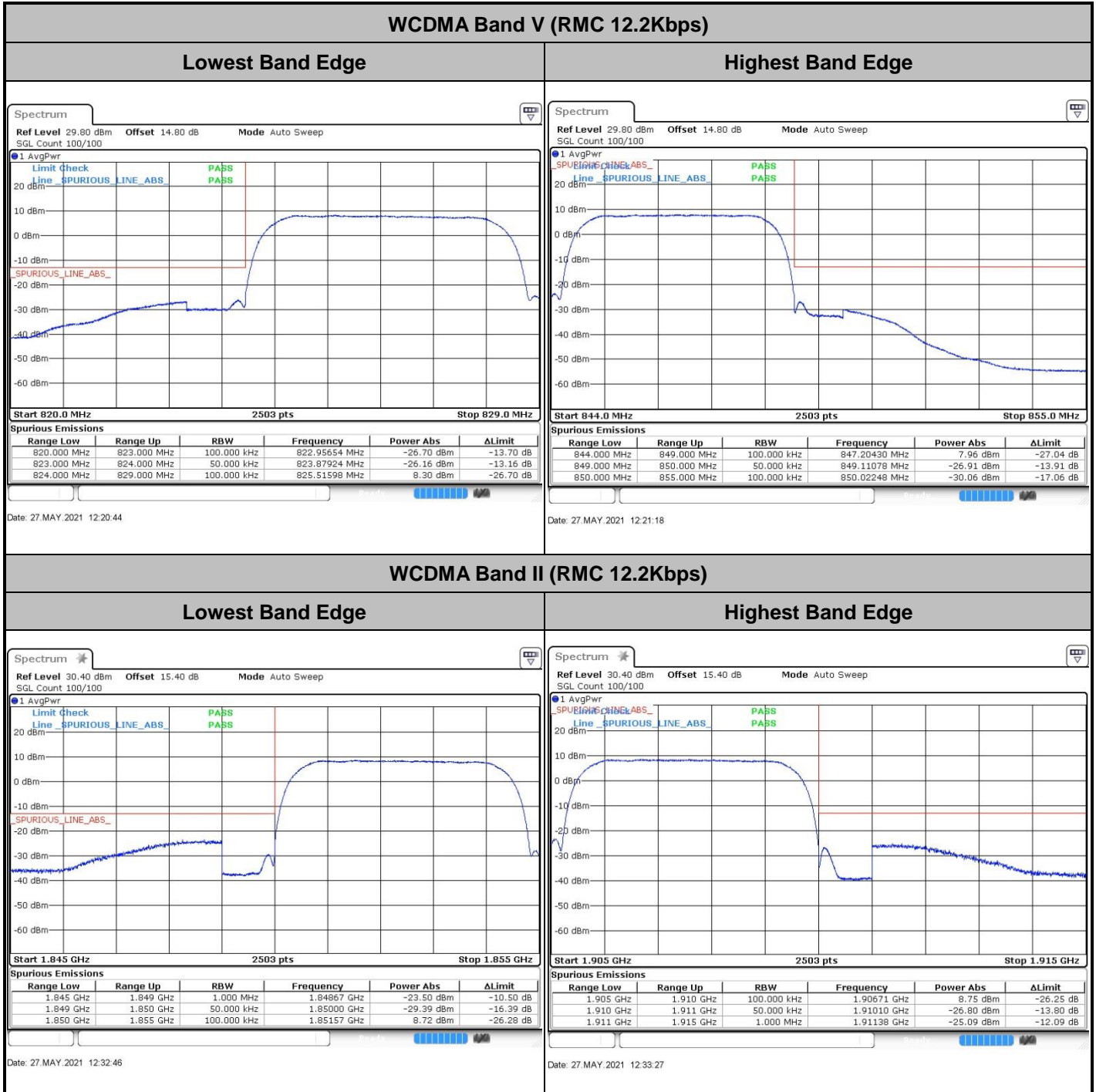


Date: 27 MAY 2021 12:29:46





Conducted Band Edge

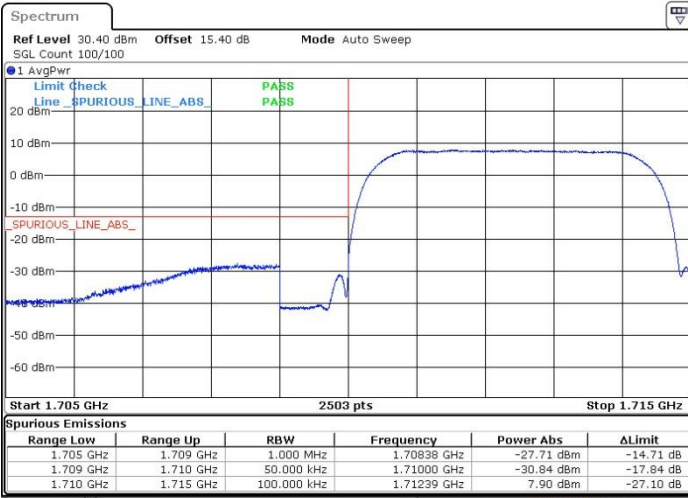




WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



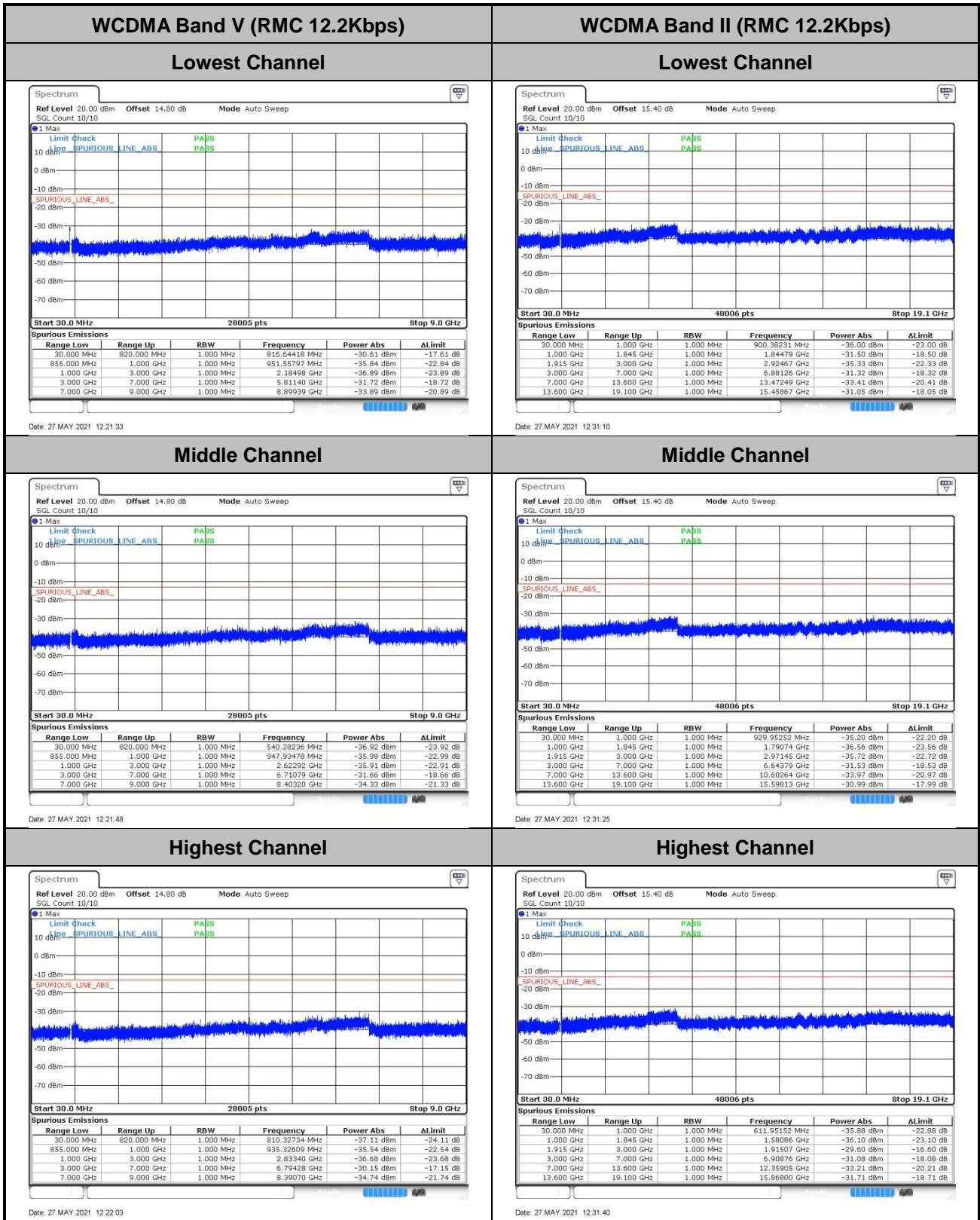
Date: 27.MAY.2021 14:31:55



Date: 27.MAY.2021 14:32:30



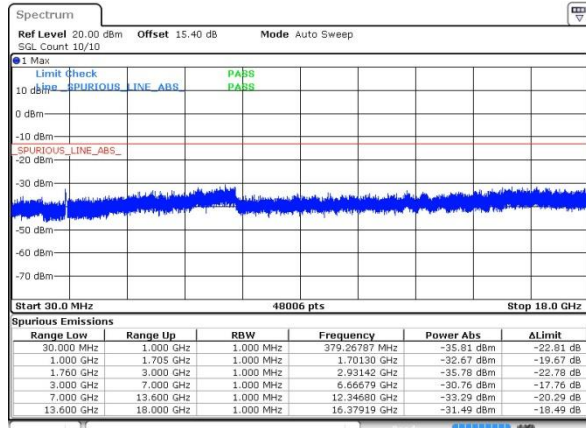
Conducted Spurious Emission





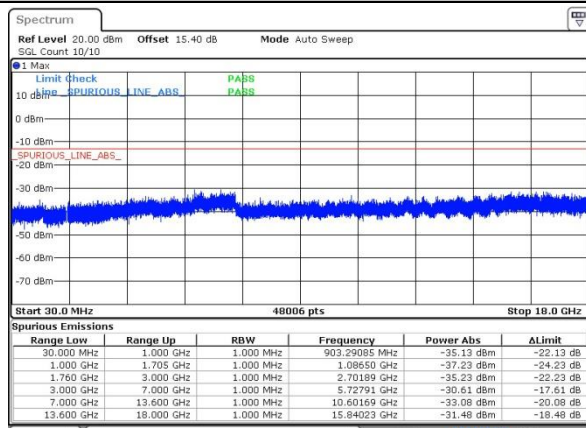
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



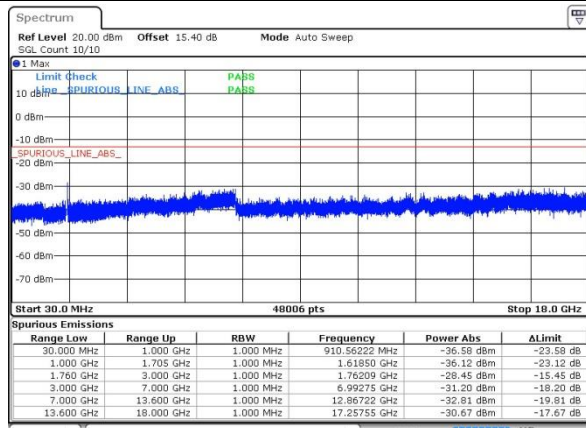
Date: 27 MAY 2021 14:32:45

Middle Channel



Date: 27 MAY 2021 14:33:00

Highest Channel



Date: 27 MAY 2021 14:33:15



Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2KbpsRMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0071	PASS
40	Normal Voltage	0.0232	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0214	
0	Normal Voltage	0.0263	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0210	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0231	
20	Battery End Point	0.0248	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0121	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0107	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0139	
-20	Normal Voltage	0.0111	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0080	
20	Normal Voltage	0.0034	
20	Battery End Point	0.0037	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0180	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0117	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0112	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0133	
20	Battery End Point	0.0041	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6V. ; 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	-64.65	-13	-51.65	-71.62	1.58	10.70	H
	2510	-59.35	-13	-46.35	-67.60	2.10	12.50	H
	3348	-58.79	-13	-45.79	-67.68	2.86	13.90	H
	1672	-63.27	-13	-50.27	-70.24	1.58	10.70	V
	2510	-58.04	-13	-45.04	-66.29	2.10	12.50	V
	3348	-58.36	-13	-45.36	-67.25	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	-64.57	-13	-51.57	-71.54	1.58	10.70	H
	2510	-59.43	-13	-46.43	-67.68	2.10	12.50	H
	3348	-55.38	-13	-42.38	-64.27	2.86	13.90	H
	1672	-63.47	-13	-50.47	-70.44	1.58	10.70	V
	2510	-58.11	-13	-45.11	-66.36	2.10	12.50	V
	3348	-59.17	-13	-46.17	-68.06	2.86	13.90	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	-64.42	-13	-51.42	-71.39	1.58	10.70	H
	2510	-59.35	-13	-46.35	-67.60	2.102	12.50	H
	3348	-59.53	-13	-46.53	-68.42	2.856	13.90	H
	1672	-63.65	-13	-50.65	-70.62	1.58	10.70	V
	2510	-58.60	-13	-45.60	-66.85	2.10	12.50	V
	3348	-59.57	-13	-46.57	-68.46	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	-56.64	-13	-43.64	-68.90	2.64	14.90	H
	5640	-54.99	-13	-41.99	-66.85	2.94	14.80	H
	7524	-51.42	-13	-38.42	-61.19	3.39	13.16	H
	9396	-42.47	-13	-29.47	-52.95	4.00	14.48	H
	3759	-56.57	-13	-43.57	-68.83	2.64	14.90	V
	5640	-55.25	-13	-42.25	-67.11	2.94	14.80	V
	7524	-51.58	-13	-38.58	-61.35	3.39	13.16	V
	9396	-48.81	-13	-35.81	-59.29	4.00	14.48	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	-56.13	-13	-43.13	-68.39	2.64	14.90	H
	5640	-54.45	-13	-41.45	-66.31	2.94	14.80	H
	7524	-52.41	-13	-39.41	-62.18	3.39	13.16	H
	9396	-43.07	-13	-30.07	-53.55	4.00	14.48	H
	3759	-56.59	-13	-43.59	-68.85	2.64	14.90	V
	5640	-55.25	-13	-42.25	-67.11	2.94	14.80	V
	7524	-52.01	-13	-39.01	-61.78	3.39	13.16	V
	9396	-49.67	-13	-36.67	-60.15	4.00	14.48	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	-54.70	-13	-41.70	-66.96	2.64	14.90	H
	5640	-54.34	-13	-41.34	-66.20	2.94	14.80	H
	7524	-51.58	-13	-38.58	-61.35	3.39	13.16	H
	3759	-55.57	-13	-42.57	-67.83	2.64	14.90	V
	5640	-55.07	-13	-42.07	-66.93	2.94	14.80	V
	7524	-51.56	-13	-38.56	-61.33	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	-56.33	-13	-43.33	-67.07	2.604	13.34	H
	5199	-54.16	-13	-41.16	-64.67	3.011	13.52	H
	6936	-53.11	-13	-40.11	-63.31	3.271	13.47	H
	3465	-56.99	-13	-43.99	-67.73	2.604	13.34	V
	5199	-54.45	-13	-41.45	-64.96	3.011	13.52	V
	6936	-53.37	-13	-40.37	-63.57	3.271	13.47	V

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