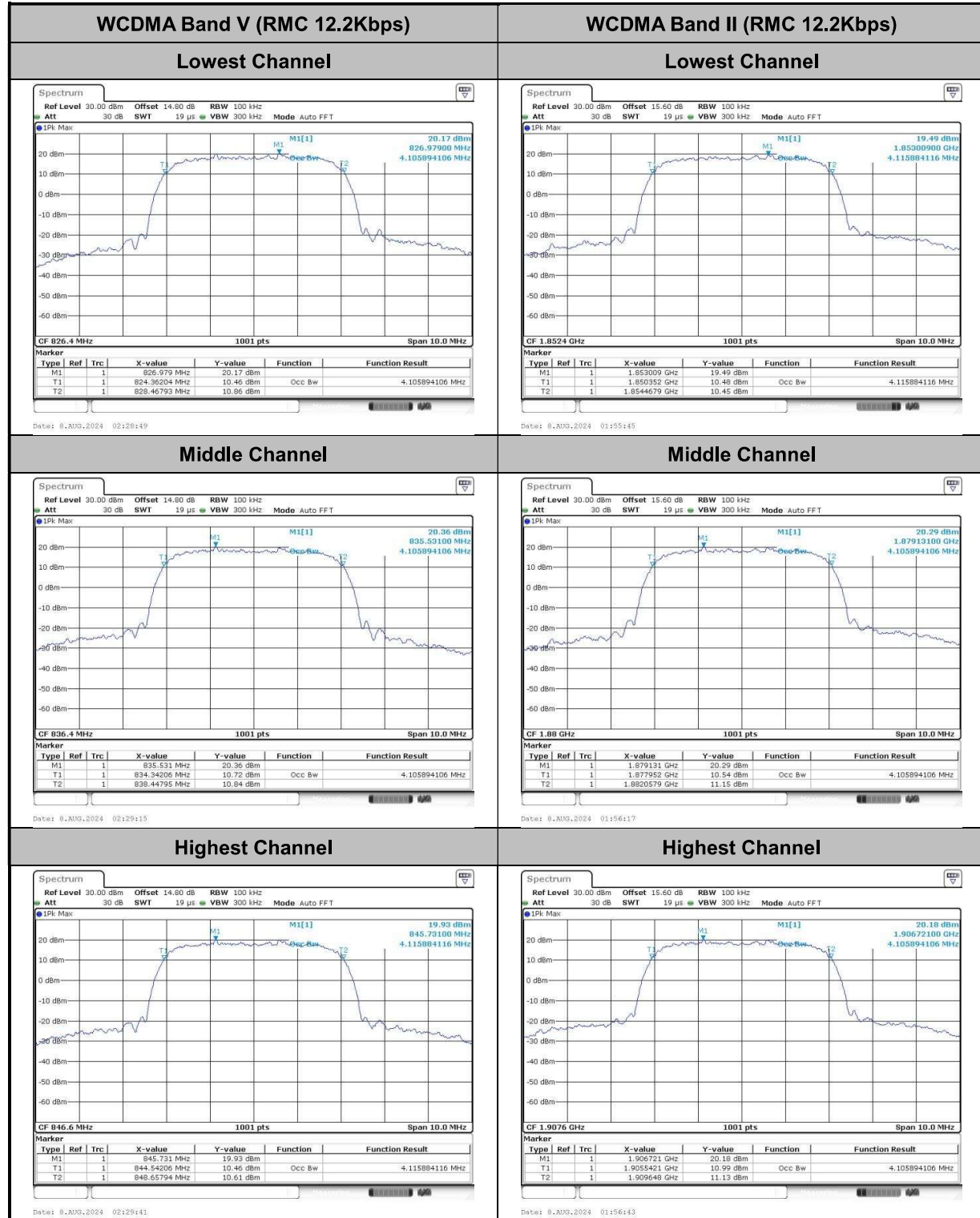
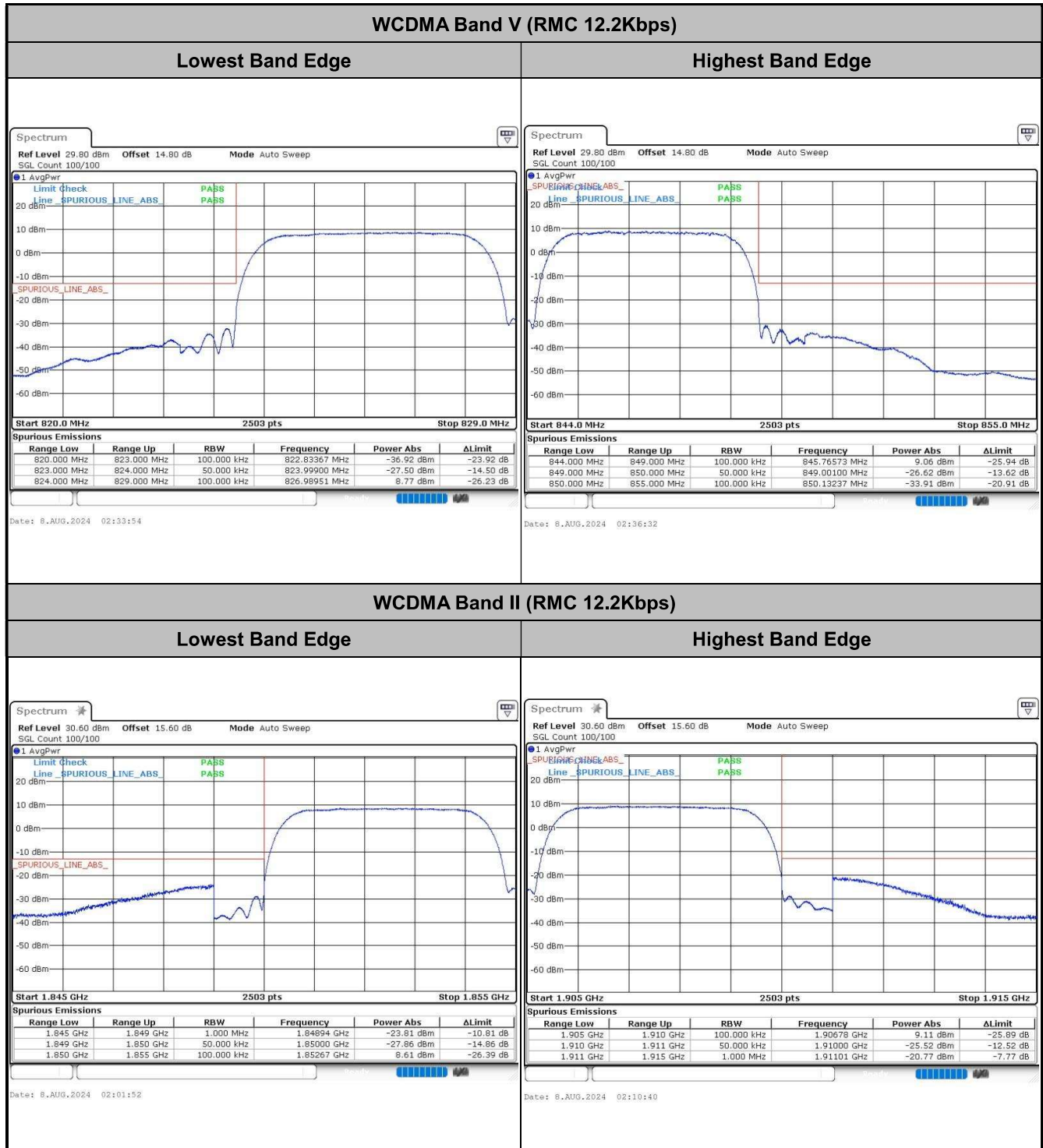






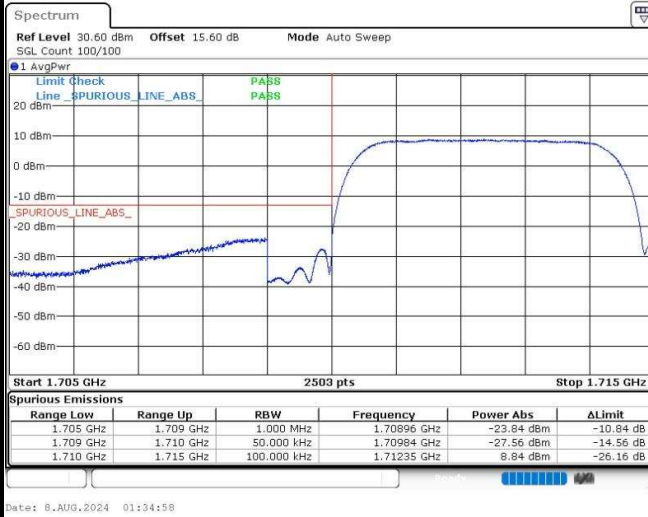
WCDMA Band IV (RMC 12.2Kbps)	-																												
Lowest Channel	-																												
Spectrum Ref Level 30.00 dBm Offset 15.60 dB RBW 100 kHz Att 30 dB SWT 19 μs VBW 300 kHz Mode Auto FFT 1Pk Max CF 1.7124 GHz1001 ptsSpan 10.0 MHz <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>1.711531 GHz</td><td>20.25 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>1.7103421 GHz</td><td>10.64 dBm</td><td>Occ Bw</td><td>4.105894106 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>1.714440 GHz</td><td>11.09 dBm</td><td></td><td></td></tr></table> Date: 8.AUG.2024 01:29:12	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		1.711531 GHz	20.25 dBm			T1	1		1.7103421 GHz	10.64 dBm	Occ Bw	4.105894106 MHz	T2	1		1.714440 GHz	11.09 dBm			-
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		1.711531 GHz	20.25 dBm																									
T1	1		1.7103421 GHz	10.64 dBm	Occ Bw	4.105894106 MHz																							
T2	1		1.714440 GHz	11.09 dBm																									
Middle Channel	-																												
Spectrum Ref Level 30.00 dBm Offset 15.60 dB RBW 100 kHz Att 30 dB SWT 19 μs VBW 300 kHz Mode Auto FFT 1Pk Max CF 1.7326 GHz1001 ptsSpan 10.0 MHz <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>1.731731 GHz</td><td>20.24 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>1.730552 GHz</td><td>10.49 dBm</td><td>Occ Bw</td><td>4.105894106 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>1.7346579 GHz</td><td>10.70 dBm</td><td></td><td></td></tr></table> Date: 8.AUG.2024 01:29:37	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		1.731731 GHz	20.24 dBm			T1	1		1.730552 GHz	10.49 dBm	Occ Bw	4.105894106 MHz	T2	1		1.7346579 GHz	10.70 dBm			-
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		1.731731 GHz	20.24 dBm																									
T1	1		1.730552 GHz	10.49 dBm	Occ Bw	4.105894106 MHz																							
T2	1		1.7346579 GHz	10.70 dBm																									
Highest Channel	-																												
Spectrum Ref Level 30.00 dBm Offset 15.60 dB RBW 100 kHz Att 30 dB SWT 19 μs VBW 300 kHz Mode Auto FFT 1Pk Max CF 1.7526 GHz1001 ptsSpan 10.0 MHz <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>1.751731 GHz</td><td>20.02 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>1.7505421 GHz</td><td>10.42 dBm</td><td>Occ Bw</td><td>4.105894106 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>1.754648 GHz</td><td>10.96 dBm</td><td></td><td></td></tr></table> Date: 8.AUG.2024 01:30:03	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		1.751731 GHz	20.02 dBm			T1	1		1.7505421 GHz	10.42 dBm	Occ Bw	4.105894106 MHz	T2	1		1.754648 GHz	10.96 dBm			-
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		1.751731 GHz	20.02 dBm																									
T1	1		1.7505421 GHz	10.42 dBm	Occ Bw	4.105894106 MHz																							
T2	1		1.754648 GHz	10.96 dBm																									

**Conducted Band Edge**

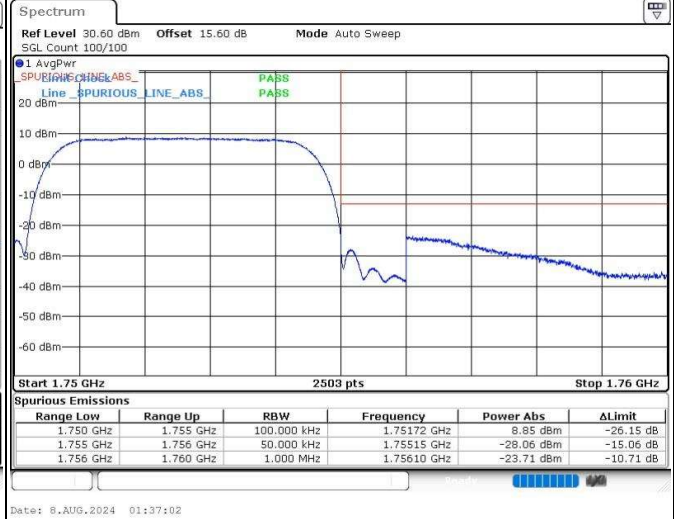


WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

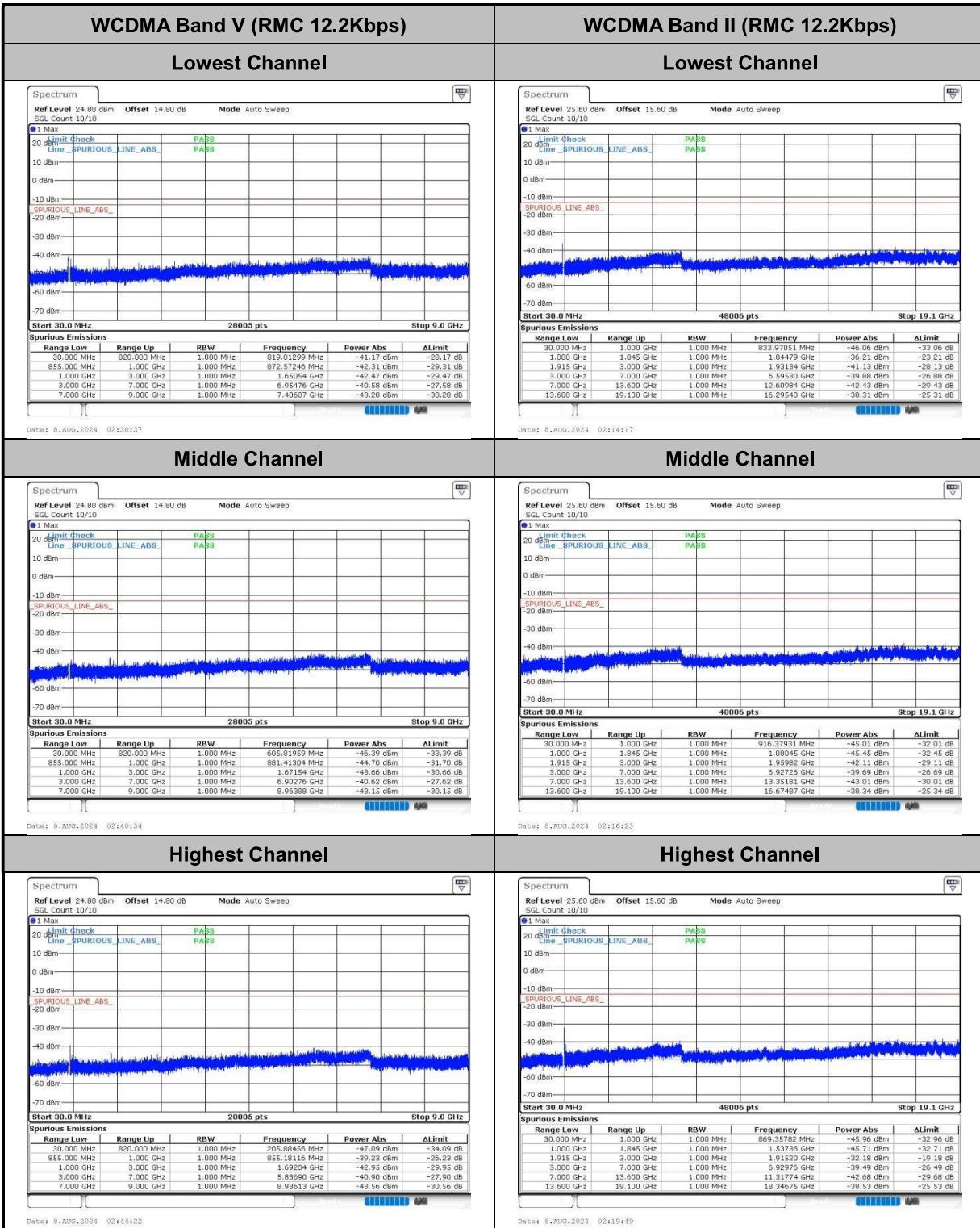


Highest Band Edge





Conducted Spurious Emission





WCDMA Band IV (RMC 12.2Kbps)	-																																										
Lowest Channel	-																																										
Spectrum Ref Level 5.60 dBm Offset 15.60 dB Mode Auto Sweep SQL Count 10/10 1 Max Limit check Line SPURIOUS_LINE_ABS_ PASS SPURIOUS_LINE_ABS_ PASS Start 30.0 MHz 48006 pts Stop 18.0 GHz <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ΔLimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>1.000 MHz</td><td>993.45577 MHz</td><td>-45.87 dBm</td><td>-32.87 dB</td></tr><tr><td>1.000 GHz</td><td>1.705 GHz</td><td>1.000 MHz</td><td>1.70377 GHz</td><td>-32.83 dBm</td><td>-19.83 dB</td></tr><tr><td>1.760 GHz</td><td>3.000 GHz</td><td>1.000 MHz</td><td>2.11359 GHz</td><td>-39.95 dBm</td><td>-26.95 dB</td></tr><tr><td>3.000 GHz</td><td>7.000 GHz</td><td>1.000 MHz</td><td>6.98625 GHz</td><td>-39.77 dBm</td><td>-26.77 dB</td></tr><tr><td>7.000 GHz</td><td>13.600 GHz</td><td>1.000 MHz</td><td>13.02702 GHz</td><td>-42.22 dBm</td><td>-29.22 dB</td></tr><tr><td>13.600 GHz</td><td>18.000 GHz</td><td>1.000 MHz</td><td>16.04670 GHz</td><td>-37.80 dBm</td><td>-24.80 dB</td></tr></table> Date: 8.AUG.2024 01:39:24	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-45.87 dBm	-32.87 dB	1.000 GHz	1.705 GHz	1.000 MHz	1.70377 GHz	-32.83 dBm	-19.83 dB	1.760 GHz	3.000 GHz	1.000 MHz	2.11359 GHz	-39.95 dBm	-26.95 dB	3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-39.77 dBm	-26.77 dB	7.000 GHz	13.600 GHz	1.000 MHz	13.02702 GHz	-42.22 dBm	-29.22 dB	13.600 GHz	18.000 GHz	1.000 MHz	16.04670 GHz	-37.80 dBm	-24.80 dB	-
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit																																						
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-45.87 dBm	-32.87 dB																																						
1.000 GHz	1.705 GHz	1.000 MHz	1.70377 GHz	-32.83 dBm	-19.83 dB																																						
1.760 GHz	3.000 GHz	1.000 MHz	2.11359 GHz	-39.95 dBm	-26.95 dB																																						
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-39.77 dBm	-26.77 dB																																						
7.000 GHz	13.600 GHz	1.000 MHz	13.02702 GHz	-42.22 dBm	-29.22 dB																																						
13.600 GHz	18.000 GHz	1.000 MHz	16.04670 GHz	-37.80 dBm	-24.80 dB																																						
Middle Channel	-																																										
Spectrum Ref Level 5.60 dBm Offset 15.60 dB Mode Auto Sweep SQL Count 10/10 1 Max Limit check Line SPURIOUS_LINE_ABS_ PASS SPURIOUS_LINE_ABS_ PASS Start 30.0 MHz 48006 pts Stop 18.0 GHz <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ΔLimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>1.000 MHz</td><td>923.65067 MHz</td><td>-45.14 dBm</td><td>-32.14 dB</td></tr><tr><td>1.000 GHz</td><td>1.705 GHz</td><td>1.000 MHz</td><td>1.29120 GHz</td><td>-45.15 dBm</td><td>-32.15 dB</td></tr><tr><td>1.760 GHz</td><td>3.000 GHz</td><td>1.000 MHz</td><td>2.13281 GHz</td><td>-42.43 dBm</td><td>-29.43 dB</td></tr><tr><td>3.000 GHz</td><td>7.000 GHz</td><td>1.000 MHz</td><td>6.86027 GHz</td><td>-40.04 dBm</td><td>-27.04 dB</td></tr><tr><td>7.000 GHz</td><td>13.600 GHz</td><td>1.000 MHz</td><td>13.49161 GHz</td><td>-42.80 dBm</td><td>-29.80 dB</td></tr><tr><td>13.600 GHz</td><td>18.000 GHz</td><td>1.000 MHz</td><td>16.26731 GHz</td><td>-37.86 dBm</td><td>-24.86 dB</td></tr></table> Date: 8.AUG.2024 01:41:19	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-45.14 dBm	-32.14 dB	1.000 GHz	1.705 GHz	1.000 MHz	1.29120 GHz	-45.15 dBm	-32.15 dB	1.760 GHz	3.000 GHz	1.000 MHz	2.13281 GHz	-42.43 dBm	-29.43 dB	3.000 GHz	7.000 GHz	1.000 MHz	6.86027 GHz	-40.04 dBm	-27.04 dB	7.000 GHz	13.600 GHz	1.000 MHz	13.49161 GHz	-42.80 dBm	-29.80 dB	13.600 GHz	18.000 GHz	1.000 MHz	16.26731 GHz	-37.86 dBm	-24.86 dB	-
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit																																						
30.000 MHz	1.000 GHz	1.000 MHz	923.65067 MHz	-45.14 dBm	-32.14 dB																																						
1.000 GHz	1.705 GHz	1.000 MHz	1.29120 GHz	-45.15 dBm	-32.15 dB																																						
1.760 GHz	3.000 GHz	1.000 MHz	2.13281 GHz	-42.43 dBm	-29.43 dB																																						
3.000 GHz	7.000 GHz	1.000 MHz	6.86027 GHz	-40.04 dBm	-27.04 dB																																						
7.000 GHz	13.600 GHz	1.000 MHz	13.49161 GHz	-42.80 dBm	-29.80 dB																																						
13.600 GHz	18.000 GHz	1.000 MHz	16.26731 GHz	-37.86 dBm	-24.86 dB																																						
Highest Channel	-																																										
Spectrum Ref Level 5.60 dBm Offset 15.60 dB Mode Auto Sweep SQL Count 10/10 1 Max Limit check Line SPURIOUS_LINE_ABS_ PASS SPURIOUS_LINE_ABS_ PASS Start 30.0 MHz 48006 pts Stop 18.0 GHz <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>ΔLimit</th></tr><tr><td>30.000 MHz</td><td>1.000 GHz</td><td>1.000 MHz</td><td>976.00450 MHz</td><td>-44.17 dBm</td><td>-31.17 dB</td></tr><tr><td>1.000 GHz</td><td>1.705 GHz</td><td>1.000 MHz</td><td>1.59737 GHz</td><td>-45.97 dBm</td><td>-32.97 dB</td></tr><tr><td>1.760 GHz</td><td>3.000 GHz</td><td>1.000 MHz</td><td>1.76070 GHz</td><td>-29.51 dBm</td><td>-16.51 dB</td></tr><tr><td>3.000 GHz</td><td>7.000 GHz</td><td>1.000 MHz</td><td>6.59030 GHz</td><td>-40.41 dBm</td><td>-27.41 dB</td></tr><tr><td>7.000 GHz</td><td>13.600 GHz</td><td>1.000 MHz</td><td>10.54560 GHz</td><td>-42.14 dBm</td><td>-29.14 dB</td></tr><tr><td>13.600 GHz</td><td>18.000 GHz</td><td>1.000 MHz</td><td>15.64224 GHz</td><td>-38.23 dBm</td><td>-25.23 dB</td></tr></table> Date: 8.AUG.2024 01:48:20	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-44.17 dBm	-31.17 dB	1.000 GHz	1.705 GHz	1.000 MHz	1.59737 GHz	-45.97 dBm	-32.97 dB	1.760 GHz	3.000 GHz	1.000 MHz	1.76070 GHz	-29.51 dBm	-16.51 dB	3.000 GHz	7.000 GHz	1.000 MHz	6.59030 GHz	-40.41 dBm	-27.41 dB	7.000 GHz	13.600 GHz	1.000 MHz	10.54560 GHz	-42.14 dBm	-29.14 dB	13.600 GHz	18.000 GHz	1.000 MHz	15.64224 GHz	-38.23 dBm	-25.23 dB	-
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit																																						
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-44.17 dBm	-31.17 dB																																						
1.000 GHz	1.705 GHz	1.000 MHz	1.59737 GHz	-45.97 dBm	-32.97 dB																																						
1.760 GHz	3.000 GHz	1.000 MHz	1.76070 GHz	-29.51 dBm	-16.51 dB																																						
3.000 GHz	7.000 GHz	1.000 MHz	6.59030 GHz	-40.41 dBm	-27.41 dB																																						
7.000 GHz	13.600 GHz	1.000 MHz	10.54560 GHz	-42.14 dBm	-29.14 dB																																						
13.600 GHz	18.000 GHz	1.000 MHz	15.64224 GHz	-38.23 dBm	-25.23 dB																																						

**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	0.0121	PASS
40	Normal Voltage	0.0237	
30	Normal Voltage	0.0275	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0249	
0	Normal Voltage	0.0311	
-10	Normal Voltage	0.0227	
-20	Normal Voltage	0.0129	
-30	Normal Voltage	0.0344	
20	Maximum Voltage	0.0456	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0147	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0155	PASS
40	Normal Voltage	0.0198	
30	Normal Voltage	0.0068	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0134	
0	Normal Voltage	0.0172	
-10	Normal Voltage	0.0248	
-20	Normal Voltage	0.0048	
-30	Normal Voltage	0.0171	
20	Maximum Voltage	0.0234	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0069	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0096	PASS
40	Normal Voltage	0.0124	
30	Normal Voltage	0.0058	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0064	
-10	Normal Voltage	0.0119	
-20	Normal Voltage	0.0126	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0142	

Note:

1. Normal Voltage = 3.8V ; Minimum Voltage =3.55V. ; Maximum Voltage =4.4V
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

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	51~52%

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	-50.55	-13	-37.55	-57.52	1.58	10.70	H
	2512	-60.01	-13	-47.01	-68.26	2.102	12.50	H
	3344	-59.36	-13	-46.36	-68.25	2.856	13.90	H
	1672	-47.78	-13	-34.78	-54.75	1.58	10.70	V
	2512	-59.77	-13	-46.77	-68.02	2.10	12.50	V
	3344	-60.91	-13	-47.91	-69.80	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	-54.98	-13	-41.98	-61.95	1.58	10.70	H
	2512	-58.48	-13	-45.48	-66.73	2.102	12.50	H
	3344	-58.62	-13	-45.62	-67.51	2.856	13.90	H
	1672	-51.49	-13	-38.49	-58.46	1.58	10.70	V
	2512	-59.92	-13	-46.92	-68.17	2.10	12.50	V
	3344	-60.42	-13	-47.42	-69.31	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	-48.92	-13	-35.92	-61.18	2.64	14.90	H
	5640	-46.11	-13	-33.11	-57.97	2.94	14.80	H
	7515	-53.97	-13	-40.97	-63.74	3.39	13.16	H
	3765	-42.60	-13	-29.60	-54.86	2.64	14.90	V
	5640	-48.89	-13	-35.89	-60.75	2.94	14.80	V
	7515	-54.11	-13	-41.11	-63.88	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	-46.75	-13	-33.75	-59.01	2.64	14.90	H
	5640	-49.23	-13	-36.23	-61.09	2.94	14.80	H
	7515	-53.61	-13	-40.61	-63.38	3.39	13.16	H
	3765	-42.60	-13	-29.60	-54.86	2.64	14.90	V
	5640	-46.33	-13	-33.33	-58.19	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 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	-64.69	-13	-51.69	-71.66	1.58	10.70	H
	2512	-60.72	-13	-47.72	-68.97	2.102	12.50	H
	3344	-60.86	-13	-47.86	-69.75	2.856	13.90	H
	1672	-63.78	-13	-50.78	-70.75	1.58	10.70	V
	2512	-60.26	-13	-47.26	-68.51	2.10	12.50	V
	3344	-60.48	-13	-47.48	-69.37	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	-55.72	-13	-42.72	-67.98	2.64	14.90	H
	5640	-55.13	-13	-42.13	-66.99	2.94	14.80	H
	7515	-54.10	-13	-41.10	-63.87	3.39	13.16	H
	3765	-55.92	-13	-42.92	-68.18	2.64	14.90	V
	5640	-55.68	-13	-42.68	-67.54	2.94	14.80	V
	7515	-53.77	-13	-40.77	-63.54	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	-57.62	-13	-44.62	-68.36	2.604	13.34	H
	5205	-55.07	-13	-42.07	-65.58	3.011	13.52	H
	6930	-55.43	-13	-42.43	-65.63	3.271	13.47	H
	3465	-50.50	-13	-37.50	-61.24	2.604	13.34	V
	5205	-54.88	-13	-41.88	-65.39	3.011	13.52	V
	6930	-55.84	-13	-42.84	-66.04	3.271	13.47	V

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