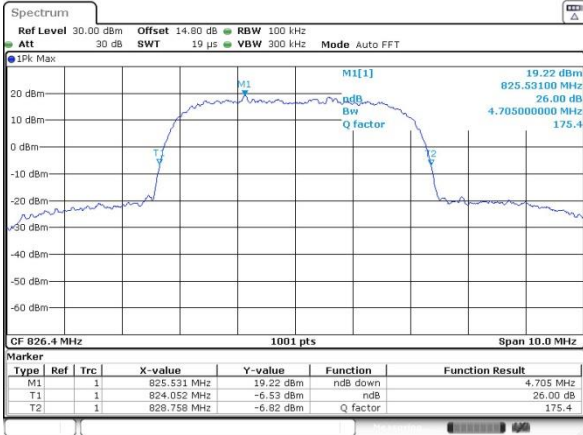




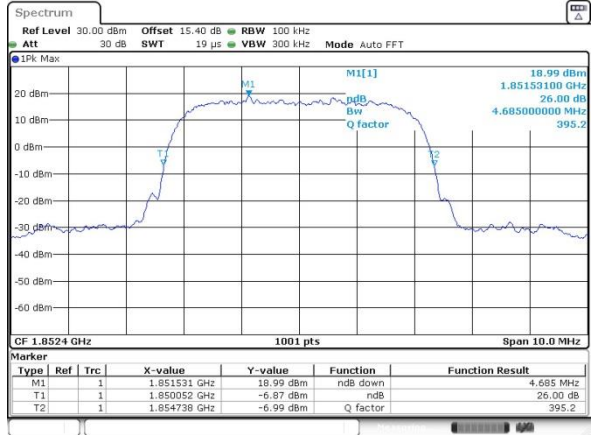
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

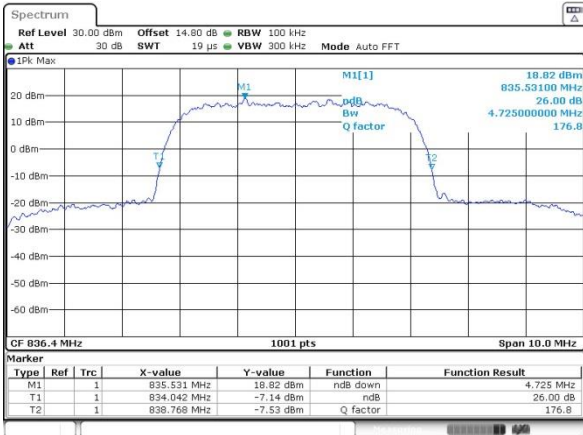


WCDMA Band II (RMC 12.2Kbps)

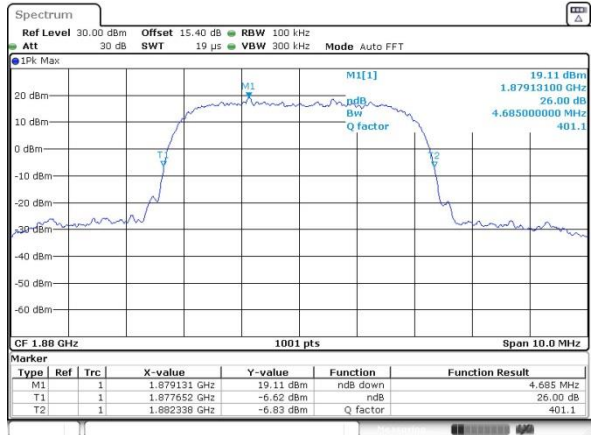
Lowest Channel



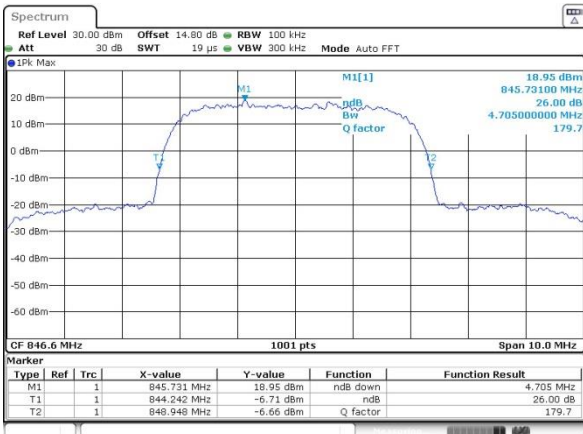
Middle Channel



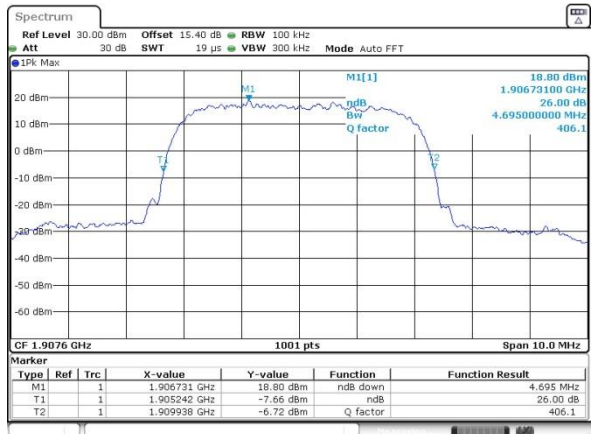
Middle Channel

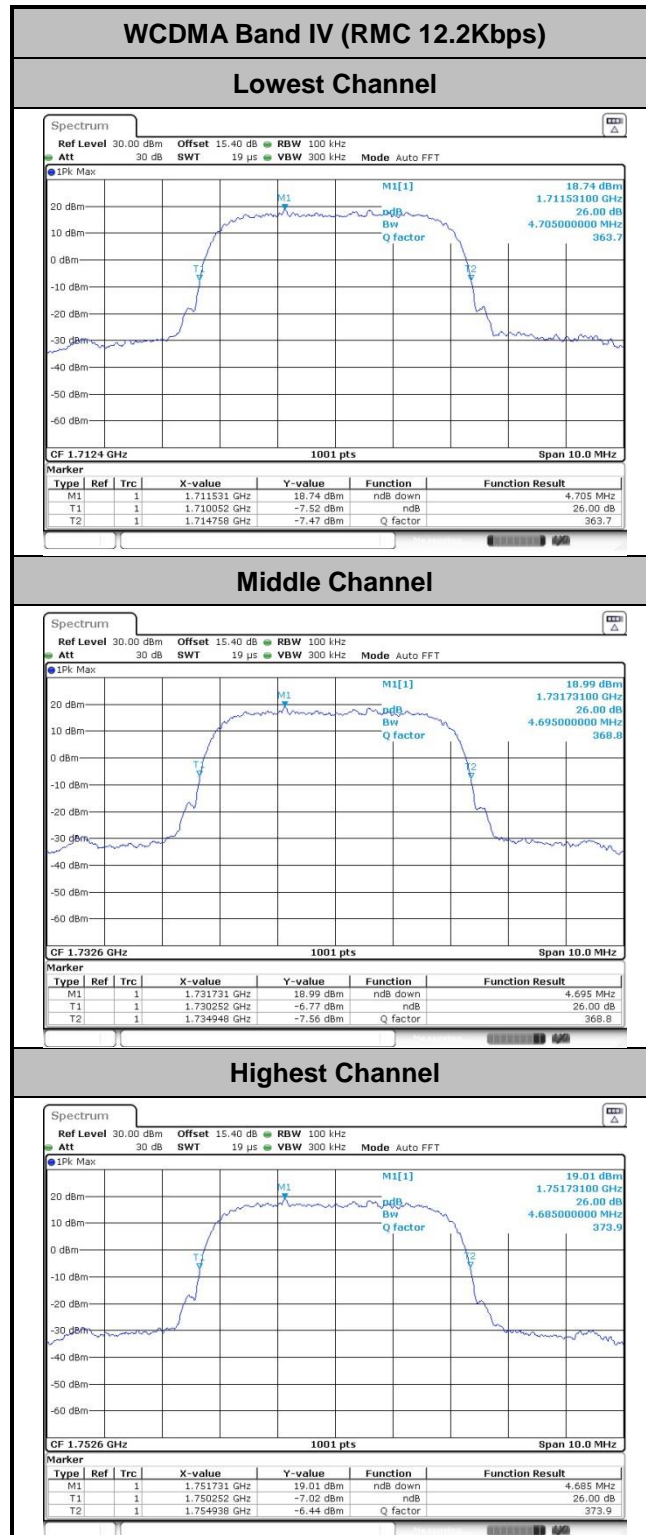


Highest Channel



Highest Channel

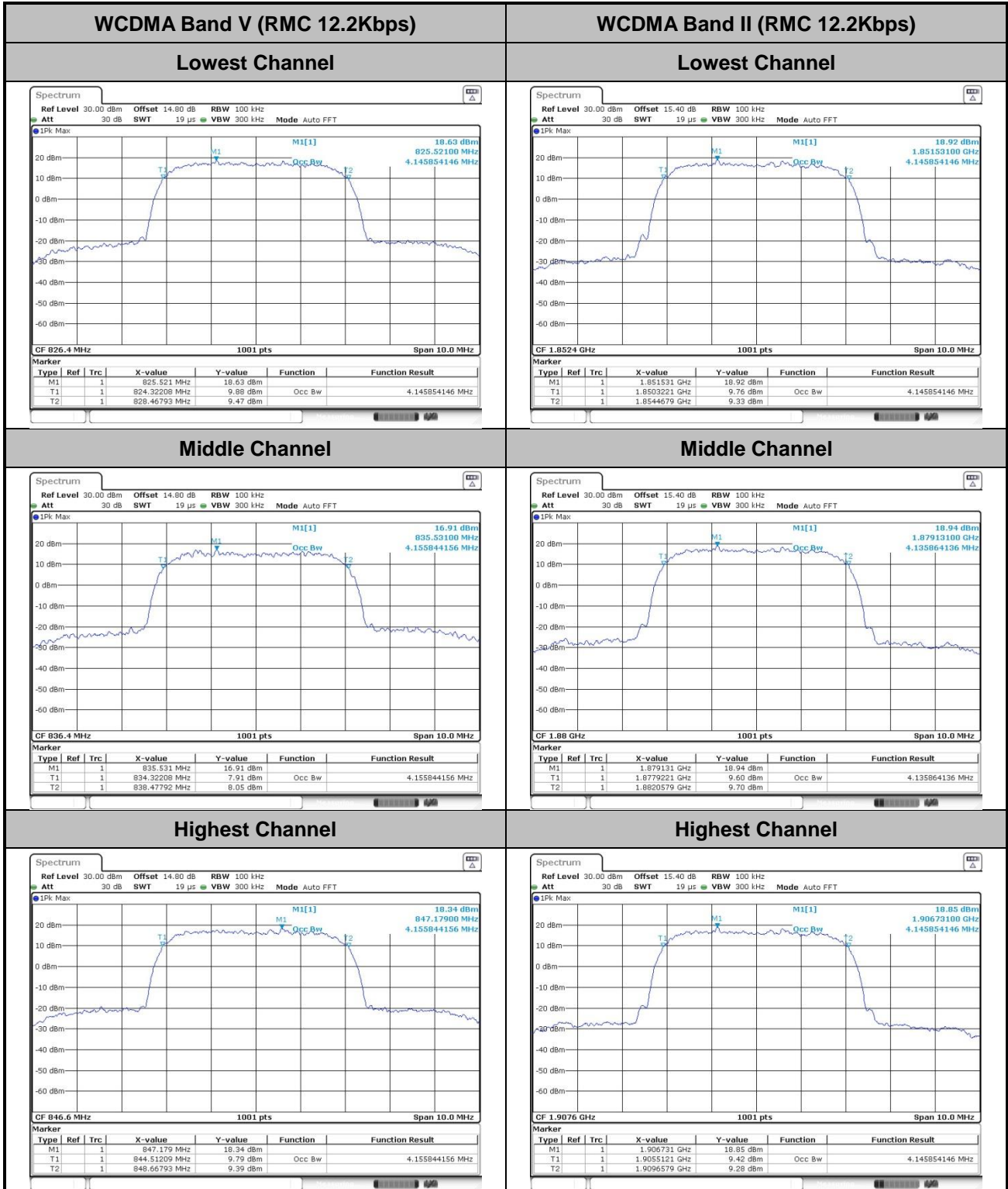


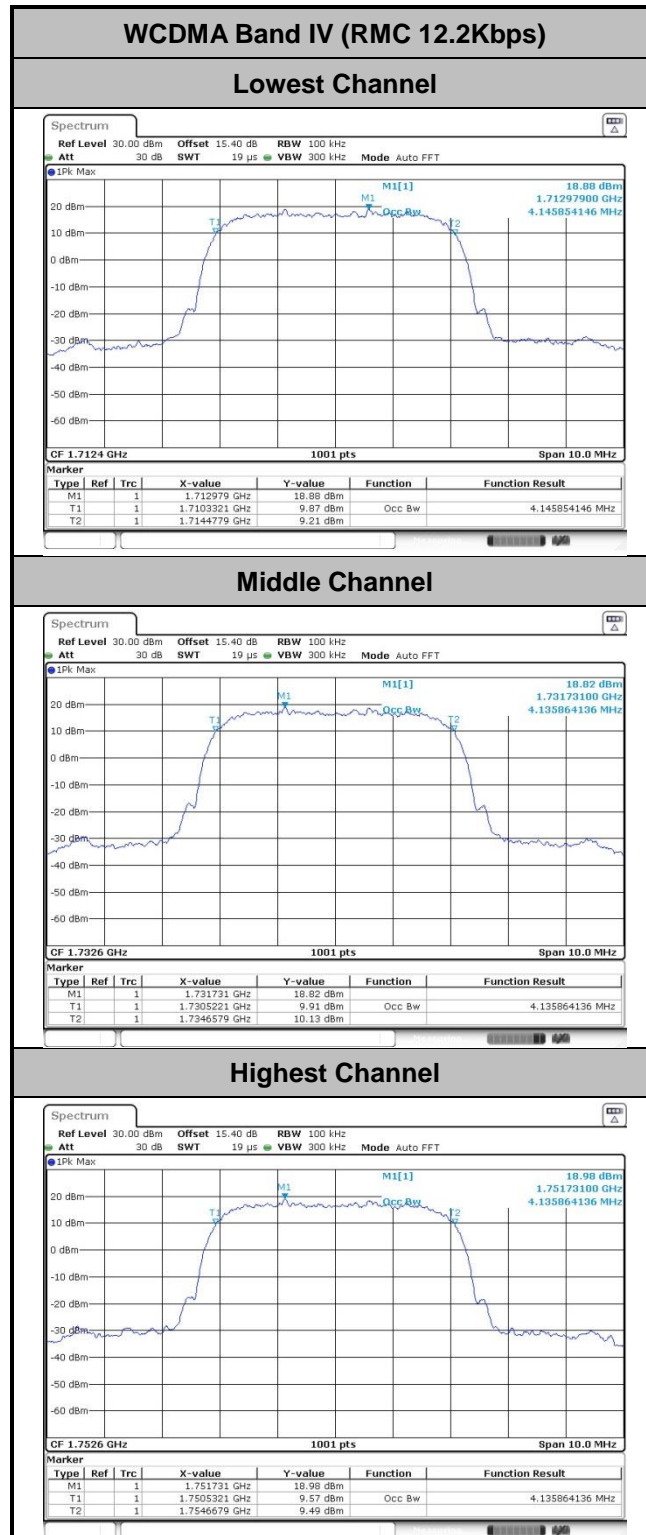




### Occupied Bandwidth

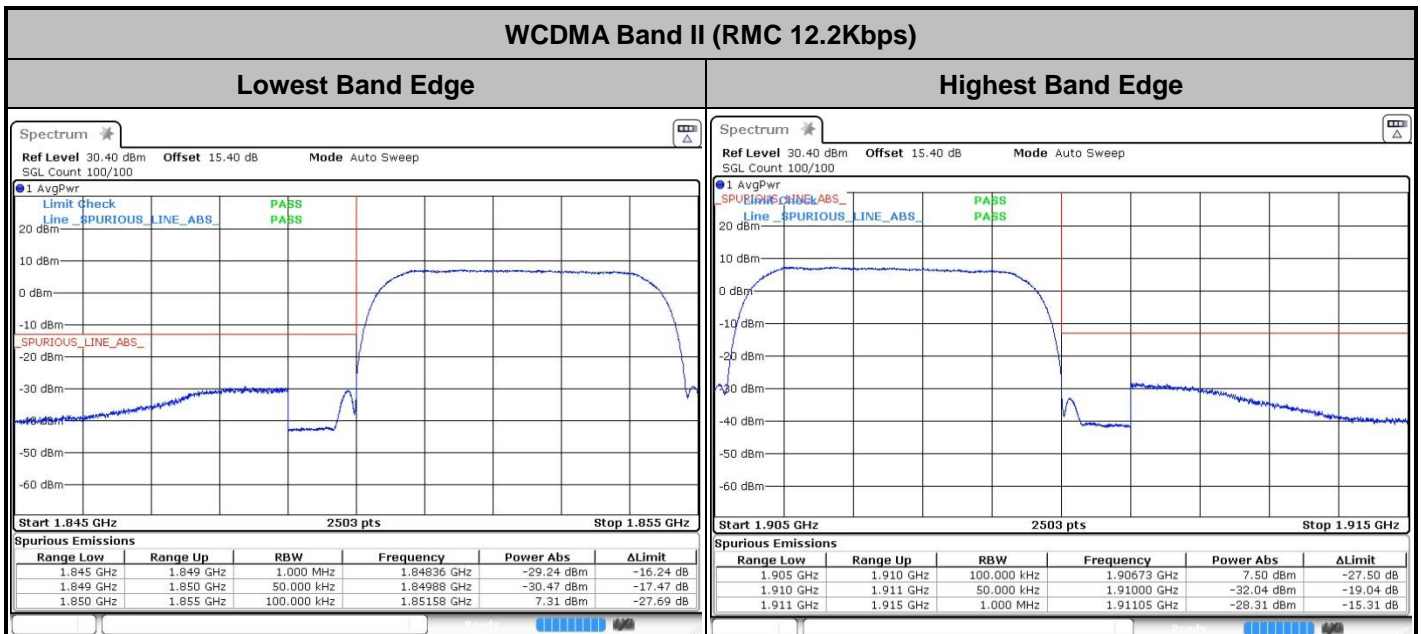
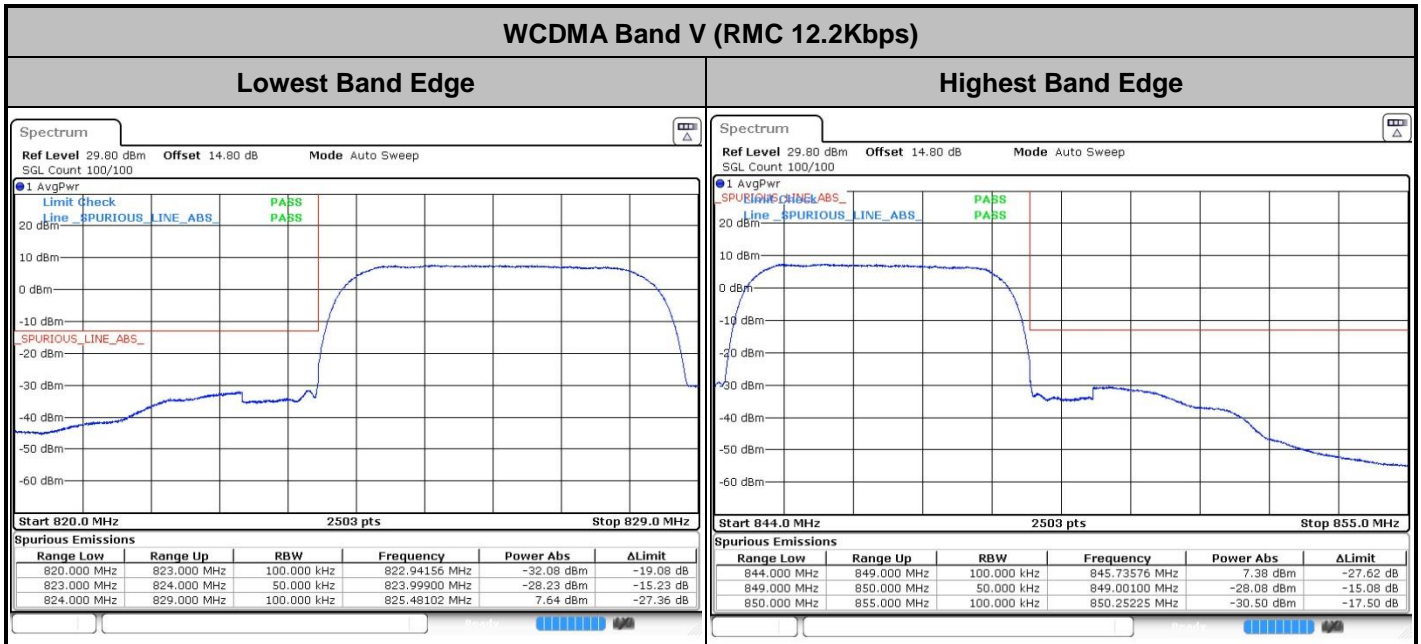
Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.146	4.146	4.146
Middle CH	4.156	4.136	4.136
Highest CH	4.156	4.146	4.136

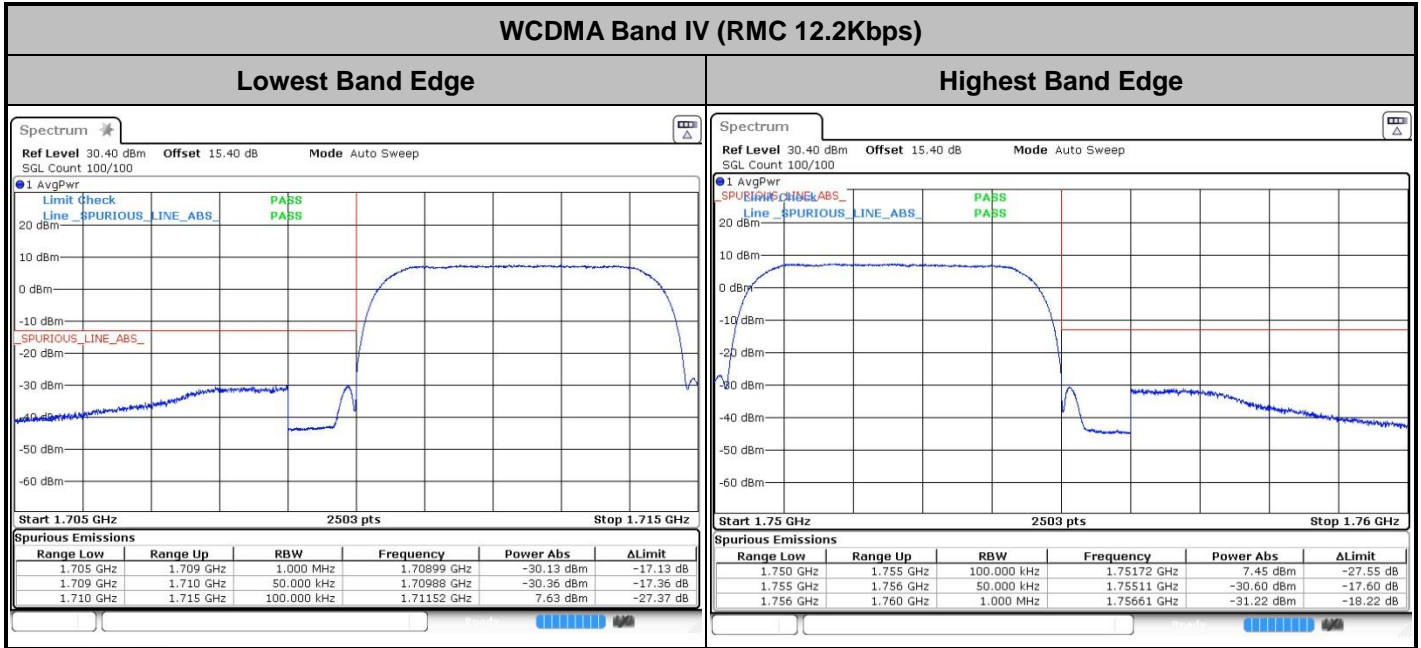






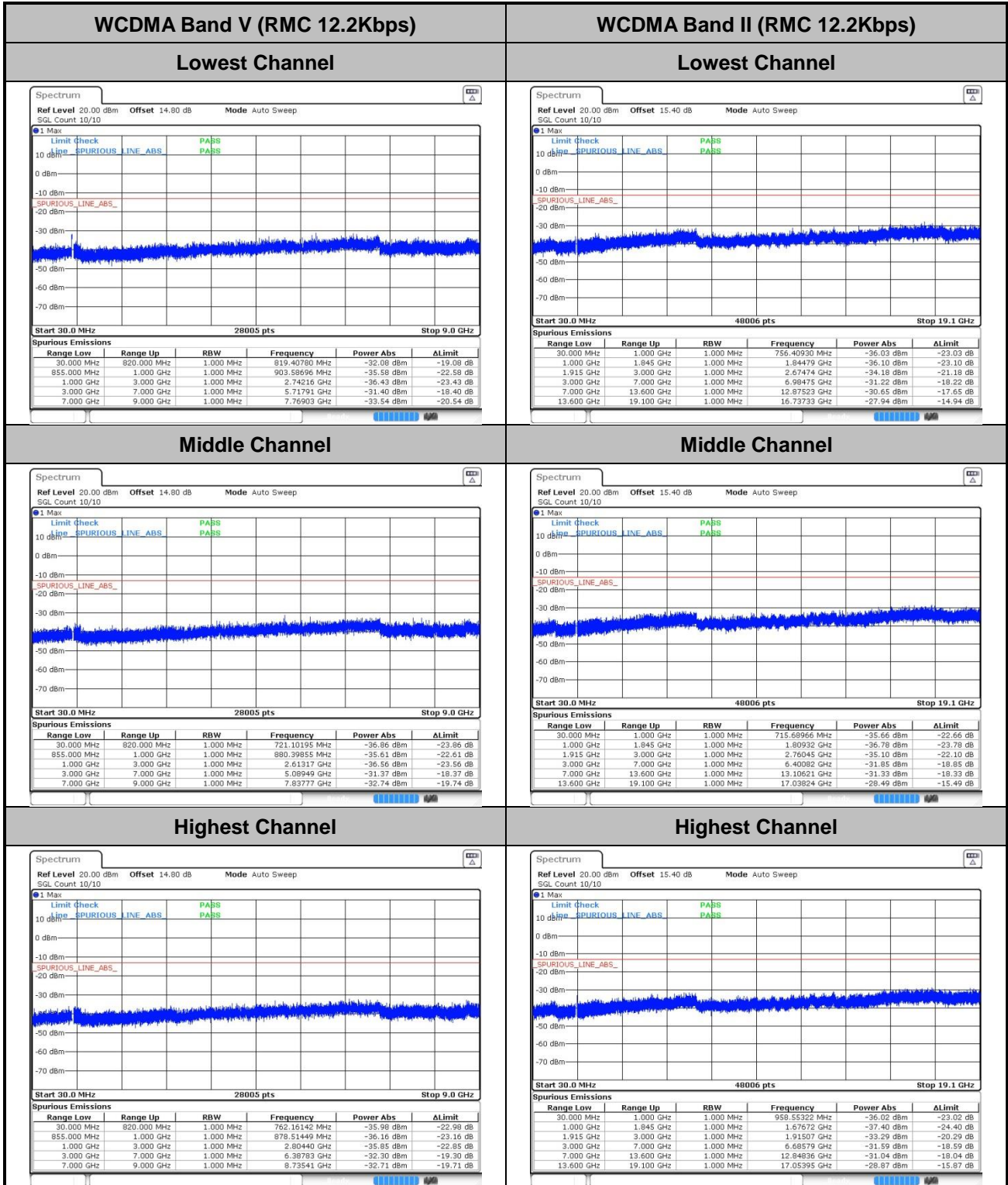
# Conducted Band Edge







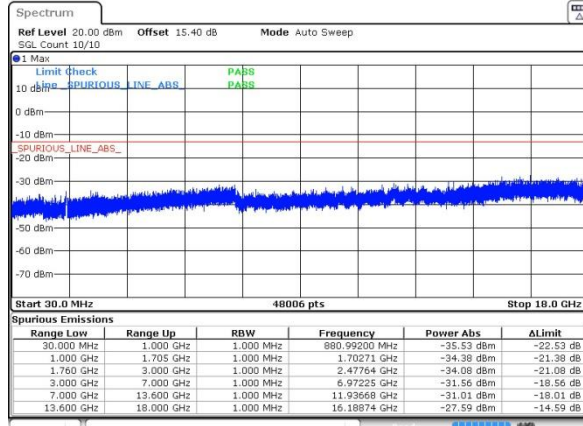
# Conducted Spurious Emission



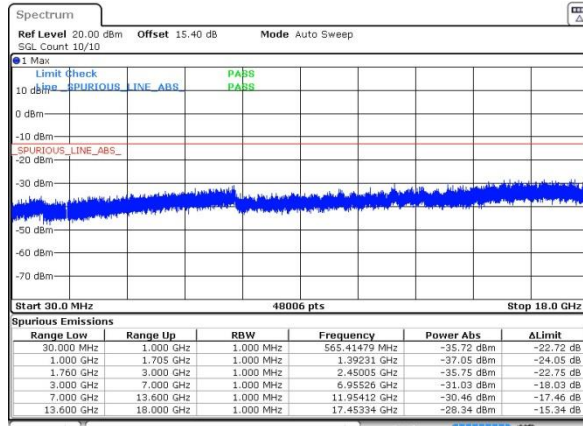


### WCDMA Band IV (RMC 12.2Kbps)

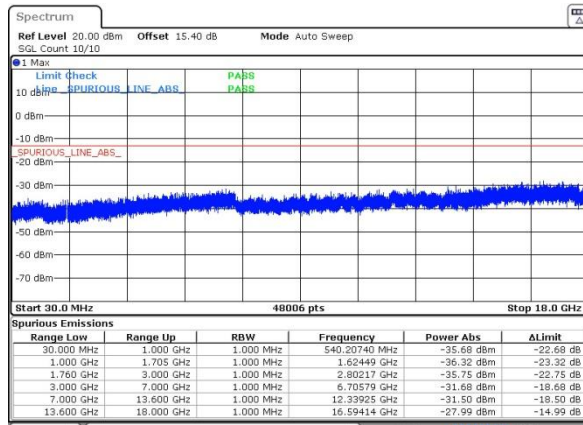
#### Lowest Channel



#### 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	0.0058	PASS
40	Normal Voltage	0.0377	
30	Normal Voltage	0.0485	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0344	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0325	
20	Maximum Voltage	0.0418	
20	Normal Voltage	0.0176	
20	Battery End Point	0.0063	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0169	PASS
40	Normal Voltage	0.0136	
30	Normal Voltage	0.0144	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0155	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0247	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0162	
20	Normal Voltage	0.0128	
20	Battery End Point	0.0019	



Test Conditions Temperature (°C)	Middle Channel Voltage (Volt)	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0146	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0172	
-20	Normal Voltage	0.0163	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0118	

**Note:**

1. Normal Voltage = 3.89V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.48V
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 (GPRS 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)
Lowest	1648	-62.56	-13	-49.56	-69.53	1.58	10.70	H
	2472	-52.37	-13	-39.37	-60.62	2.102	12.50	H
	3296	-59.21	-13	-46.21	-68.10	2.856	13.90	H
	1648	-59.75	-13	-46.75	-66.72	1.58	10.70	V
	2472	-50.69	-13	-37.69	-58.94	2.10	12.50	V
	3296	-58.96	-13	-45.96	-67.85	2.86	13.90	V
Middle	1672	-63.52	-13	-50.52	-70.49	1.58	10.70	H
	2512	-51.38	-13	-38.38	-59.63	2.102	12.50	H
	3344	-60.00	-13	-47.00	-68.89	2.856	13.90	H
	1672	-61.65	-13	-48.65	-68.62	1.58	10.70	V
	2512	-51.36	-13	-38.36	-59.61	2.10	12.50	V
	3344	-59.91	-13	-46.91	-68.80	2.86	13.90	V
Highest	1696	-64.92	-13	-51.92	-71.89	1.58	10.70	H
	2544	-52.92	-13	-39.92	-61.17	2.102	12.50	H
	3392	-60.12	-13	-47.12	-69.01	2.856	13.90	H
	1696	-64.23	-13	-51.23	-71.20	1.58	10.70	V
	2544	-57.66	-13	-44.66	-65.91	2.10	12.50	V
	3392	-60.17	-13	-47.17	-69.06	2.86	13.90	V

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)
Lowest	1648	-61.41	-13	-48.41	-68.38	1.58	10.70	H
	2472	-51.59	-13	-38.59	-59.84	2.102	12.50	H
	3296	-59.15	-13	-46.15	-68.04	2.856	13.90	H
	1648	-64.69	-13	-51.69	-71.66	1.58	10.70	V
	2472	-56.40	-13	-43.40	-64.65	2.10	12.50	V
	3296	-60.02	-13	-47.02	-68.91	2.86	13.90	V
Middle	1672	-65.36	-13	-52.36	-72.33	1.58	10.70	H
	2512	-58.45	-13	-45.45	-66.70	2.102	12.50	H
	3344	-60.14	-13	-47.14	-69.03	2.856	13.90	H
	1672	-64.09	-13	-51.09	-71.06	1.58	10.70	V
	2512	-59.66	-13	-46.66	-67.91	2.10	12.50	V
	3344	-59.86	-13	-46.86	-68.75	2.86	13.90	V
Highest	1696	-56.01	-13	-43.01	-62.98	1.58	10.70	H
	2544	-56.61	-13	-43.61	-64.86	2.102	12.50	H
	3392	-58.70	-13	-45.70	-67.59	2.856	13.90	H
	1696	-54.33	-13	-41.33	-61.30	1.58	10.70	V
	2544	-49.31	-13	-36.31	-57.56	2.10	12.50	V
	3392	-59.16	-13	-46.16	-68.05	2.86	13.90	V



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)
Lowest	3705	-53.78	-13	-40.78	-66.04	2.64	14.90	H
	5550	-54.78	-13	-41.78	-66.64	2.94	14.80	H
	7395	-52.60	-13	-39.60	-62.37	3.39	13.16	H
	3705	-52.74	-13	-39.74	-65.00	2.64	14.90	V
	5550	-55.34	-13	-42.34	-67.20	2.94	14.80	V
	7395	-52.52	-13	-39.52	-62.29	3.39	13.16	V
Middle	3765	-56.83	-13	-43.83	-69.09	2.64	14.90	H
	5640	-54.59	-13	-41.59	-66.45	2.94	14.80	H
	7515	-52.17	-13	-39.17	-61.94	3.39	13.16	H
	3765	-52.37	-13	-39.37	-64.63	2.64	14.90	V
	5640	-54.99	-13	-41.99	-66.85	2.94	14.80	V
	7515	-52.29	-13	-39.29	-62.06	3.39	13.16	V
Highest	3825	-57.29	-13	-44.29	-69.55	2.64	14.90	H
	5730	-54.52	-13	-41.52	-66.38	2.94	14.80	H
	7635	-51.89	-13	-38.89	-61.66	3.39	13.16	H
	3825	-55.64	-13	-42.64	-67.90	2.64	14.90	V
	5730	-54.90	-13	-41.90	-66.76	2.94	14.80	V
	7635	-51.77	-13	-38.77	-61.54	3.39	13.16	V

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)
Lowest	3705	-56.63	-13	-43.63	-68.89	2.641	14.90	H
	5550	-54.57	-13	-41.57	-66.43	2.94	14.80	H
	7395	-51.74	-13	-38.74	-61.51	3.39	13.16	H
	3705	-55.72	-13	-42.72	-67.98	2.64	14.90	V
	5550	-54.45	-13	-41.45	-66.31	2.94	14.80	V
	7395	-52.00	-13	-39.00	-61.77	3.39	13.16	V
Middle	3765	-56.58	-13	-43.58	-68.84	2.641	14.90	H
	5640	-54.85	-13	-41.85	-66.71	2.94	14.80	H
	7515	-52.04	-13	-39.04	-61.81	3.39	13.16	H
	3765	-56.03	-13	-43.03	-68.29	2.64	14.90	V
	5640	-55.26	-13	-42.26	-67.12	2.94	14.80	V
	7515	-52.32	-13	-39.32	-62.09	3.39	13.16	V
Highest	3825	-56.98	-13	-43.98	-69.24	2.641	14.90	H
	5730	-54.81	-13	-41.81	-66.67	2.94	14.80	H
	7635	-51.58	-13	-38.58	-61.35	3.39	13.16	H
	3825	-55.37	-13	-42.37	-67.63	2.64	14.90	V
	5730	-54.66	-13	-41.66	-66.52	2.94	14.80	V
	7635	-51.59	-13	-38.59	-61.36	3.39	13.16	V



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)
Lowest	1656	-65.89	-13	-52.89	-72.86	1.58	10.70	H
	2480	-60.85	-13	-47.85	-69.10	2.102	12.50	H
	3304	-60.18	-13	-47.18	-69.07	2.856	13.90	H
	1656	-64.93	-13	-51.93	-71.90	1.58	10.70	V
	2480	-59.20	-13	-46.20	-67.45	2.10	12.50	V
	3304	-60.15	-13	-47.15	-69.04	2.86	13.90	V
Middle	1672	-65.43	-13	-52.43	-72.40	1.58	10.70	H
	2512	-59.67	-13	-46.67	-67.92	2.102	12.50	H
	3344	-60.08	-13	-47.08	-68.97	2.856	13.90	H
	1672	-64.39	-13	-51.39	-71.36	1.58	10.70	V
	2512	-59.50	-13	-46.50	-67.75	2.10	12.50	V
	3344	-60.14	-13	-47.14	-69.03	2.86	13.90	V
Highest	1696	-65.78	-13	-52.78	-72.75	1.58	10.70	H
	2536	-60.92	-13	-47.92	-69.17	2.102	12.50	H
	3384	-60.19	-13	-47.19	-69.08	2.856	13.90	H
	1696	-64.51	-13	-51.51	-71.48	1.58	10.70	V
	2536	-59.86	-13	-46.86	-68.11	2.10	12.50	V
	3384	-60.33	-13	-47.33	-69.22	2.86	13.90	V

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)
Lowest	3705	-56.89	-13	-43.89	-69.15	2.64	14.90	H
	5550	-55.09	-13	-42.09	-66.95	2.94	14.80	H
	7410	-52.16	-13	-39.16	-61.93	3.39	13.16	H
	3705	-56.56	-13	-43.56	-68.82	2.64	14.90	V
	5550	-55.19	-13	-42.19	-67.05	2.94	14.80	V
	7410	-52.24	-13	-39.24	-62.01	3.39	13.16	V
Middle	3759	-56.98	-13	-43.98	-69.24	2.64	14.90	H
	5640	-54.57	-13	-41.57	-66.43	2.94	14.80	H
	7524	-52.14	-13	-39.14	-61.91	3.39	13.16	H
	3759	-56.70	-13	-43.70	-68.96	2.64	14.90	V
	5640	-55.33	-13	-42.33	-67.19	2.94	14.80	V
	7524	-51.91	-13	-38.91	-61.68	3.39	13.16	V
Highest	3810	-56.71	-13	-43.71	-68.97	2.64	14.90	H
	5715	-54.86	-13	-41.86	-66.72	2.94	14.80	H
	7635	-51.82	-13	-38.82	-61.59	3.39	13.16	H
	3810	-56.51	-13	-43.51	-68.77	2.64	14.90	V
	5715	-54.94	-13	-41.94	-66.80	2.94	14.80	V
	7635	-51.45	-13	-38.45	-61.22	3.39	13.16	V



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)
Lowest	3420	-57.35	-13	-44.35	-68.09	2.604	13.34	H
	5130	-54.36	-13	-41.36	-64.87	3.011	13.52	H
	6855	-53.98	-13	-40.98	-64.18	3.271	13.47	H
	3420	-57.88	-13	-44.88	-68.62	2.604	13.34	V
	5130	-54.68	-13	-41.68	-65.19	3.011	13.52	V
	6855	-53.96	-13	-40.96	-64.16	3.271	13.47	V
Middle	3465	-57.58	-13	-44.58	-68.32	2.604	13.34	H
	5190	-54.69	-13	-41.69	-65.20	3.011	13.52	H
	6930	-53.47	-13	-40.47	-63.67	3.271	13.47	H
	3465	-57.80	-13	-44.80	-68.54	2.604	13.34	V
	5190	-54.36	-13	-41.36	-64.87	3.011	13.52	V
	6930	-53.53	-13	-40.53	-63.73	3.271	13.47	V
Highest	3510	-57.07	-13	-44.07	-67.81	2.604	13.34	H
	5250	-54.92	-13	-41.92	-65.43	3.011	13.52	H
	7005	-53.33	-13	-40.33	-63.53	3.271	13.47	H
	3510	-57.96	-13	-44.96	-68.70	2.604	13.34	V
	5250	-55.08	-13	-42.08	-65.59	3.011	13.52	V
	7005	-53.50	-13	-40.50	-63.70	3.271	13.47	V

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