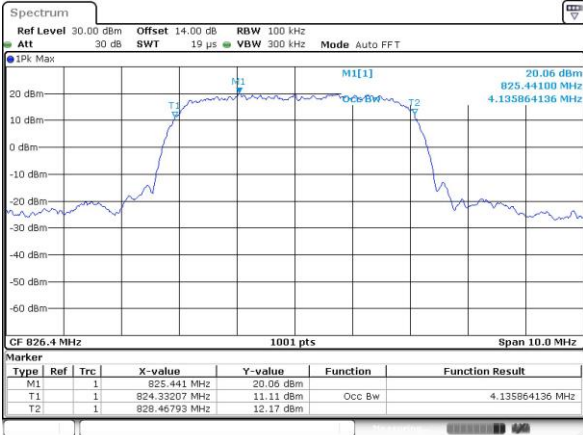




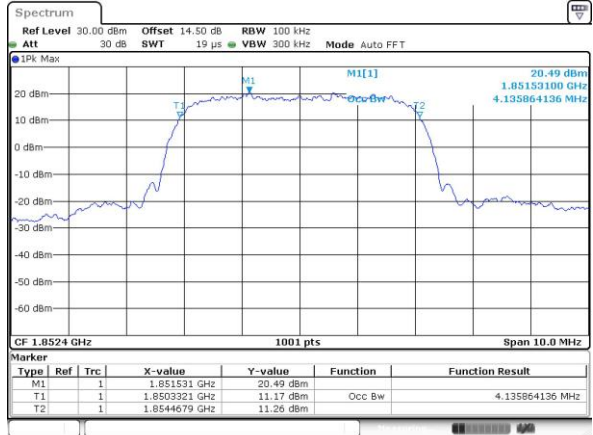
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

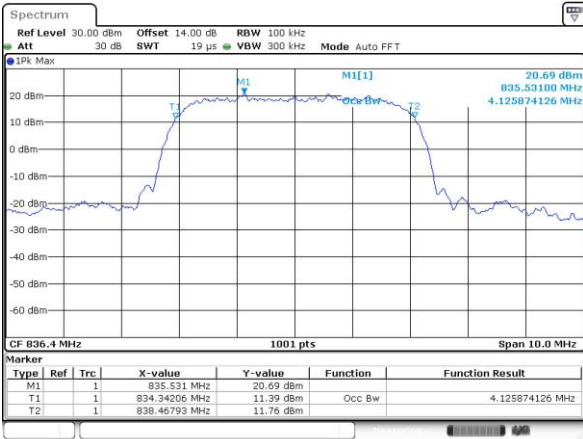


WCDMA Band II (RMC 12.2Kbps)

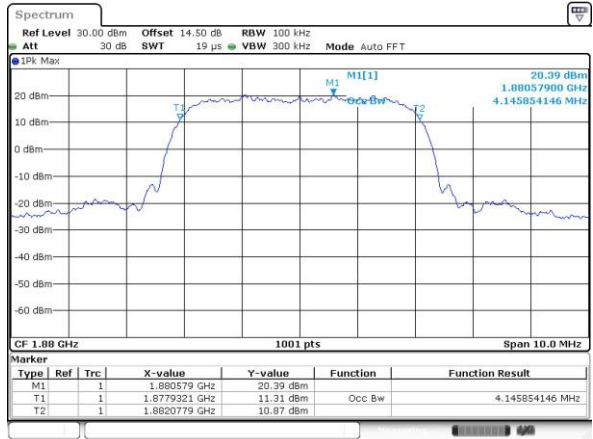
Lowest Channel



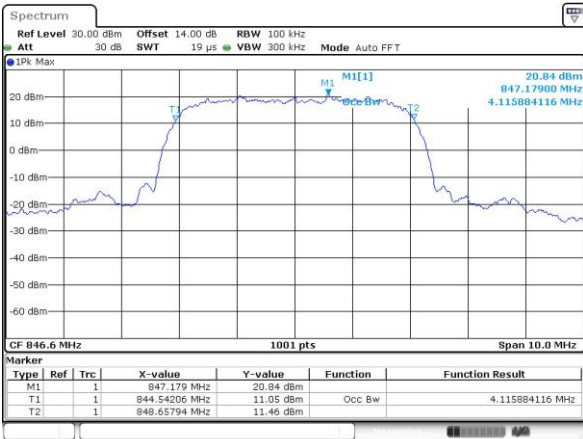
Middle Channel



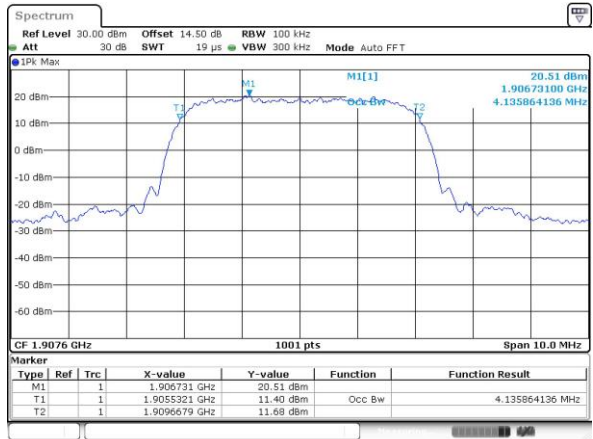
Middle Channel



Highest Channel



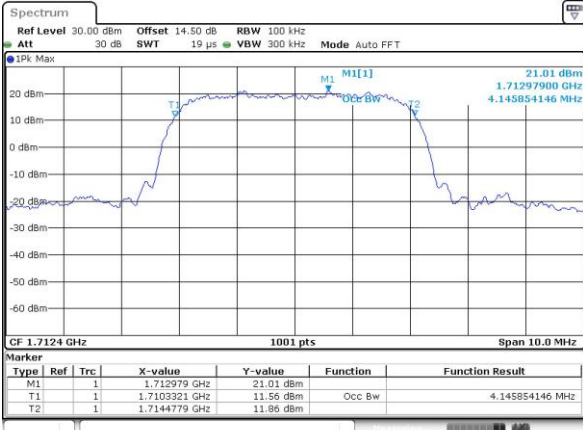
Highest Channel





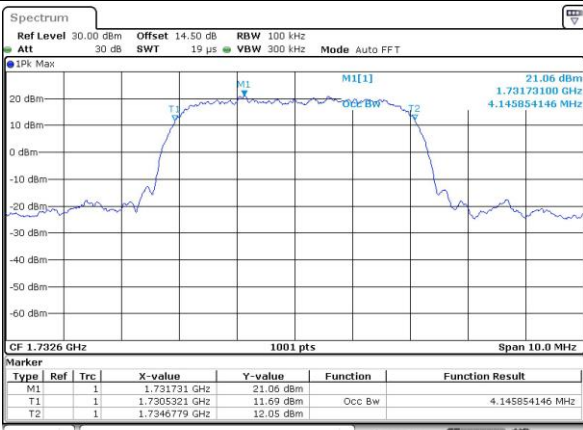
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



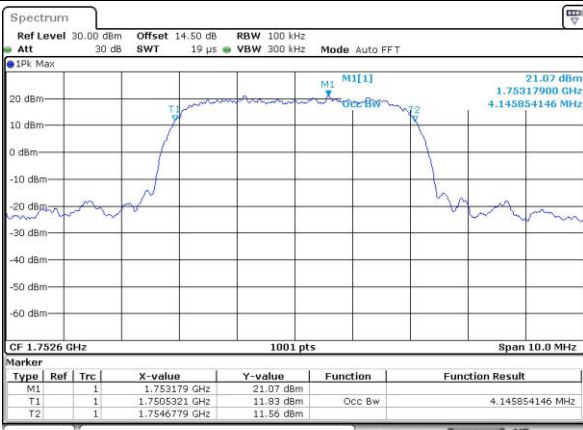
Date: 1.APR.2022 11:59:10

Middle Channel



Date: 1.APR.2022 11:59:33

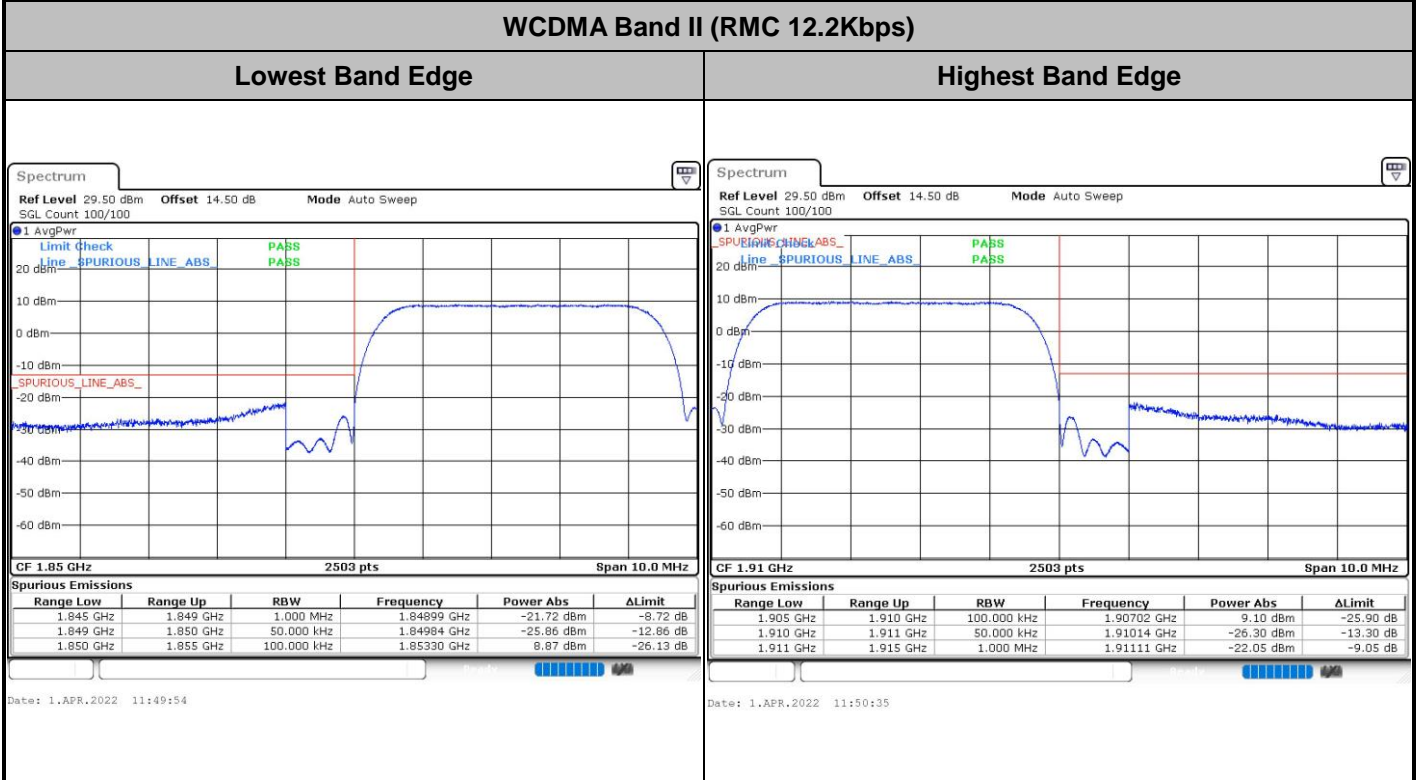
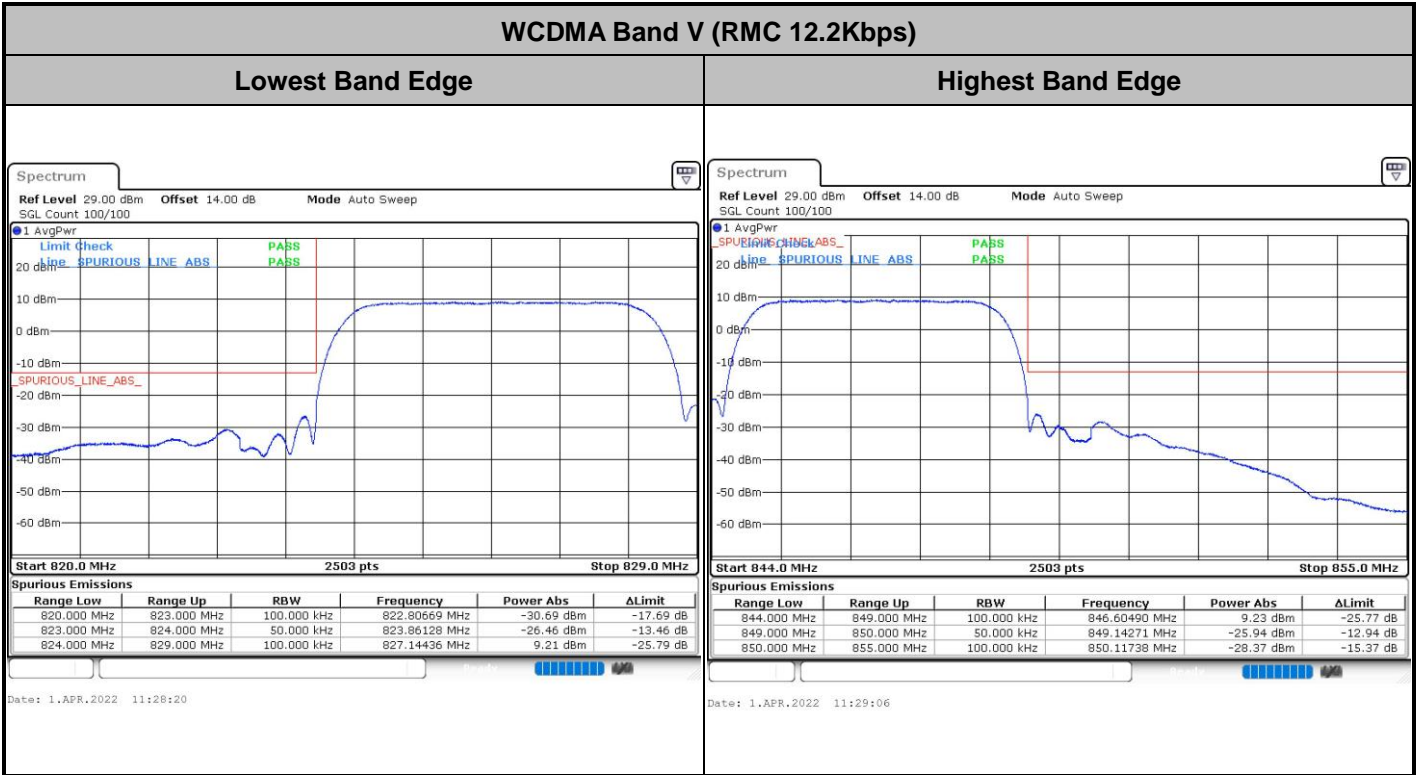
Highest Channel

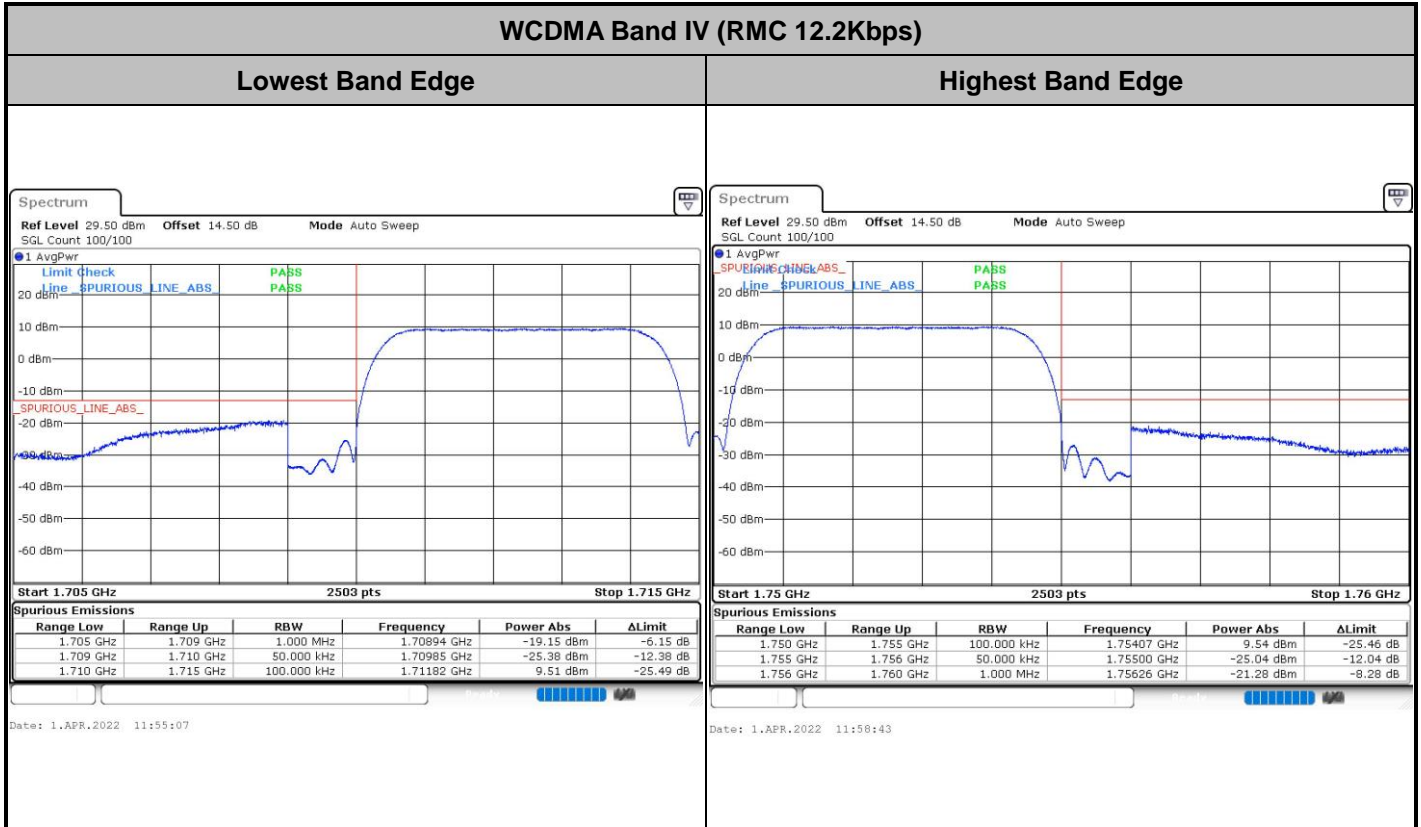


Date: 1.APR.2022 11:59:57



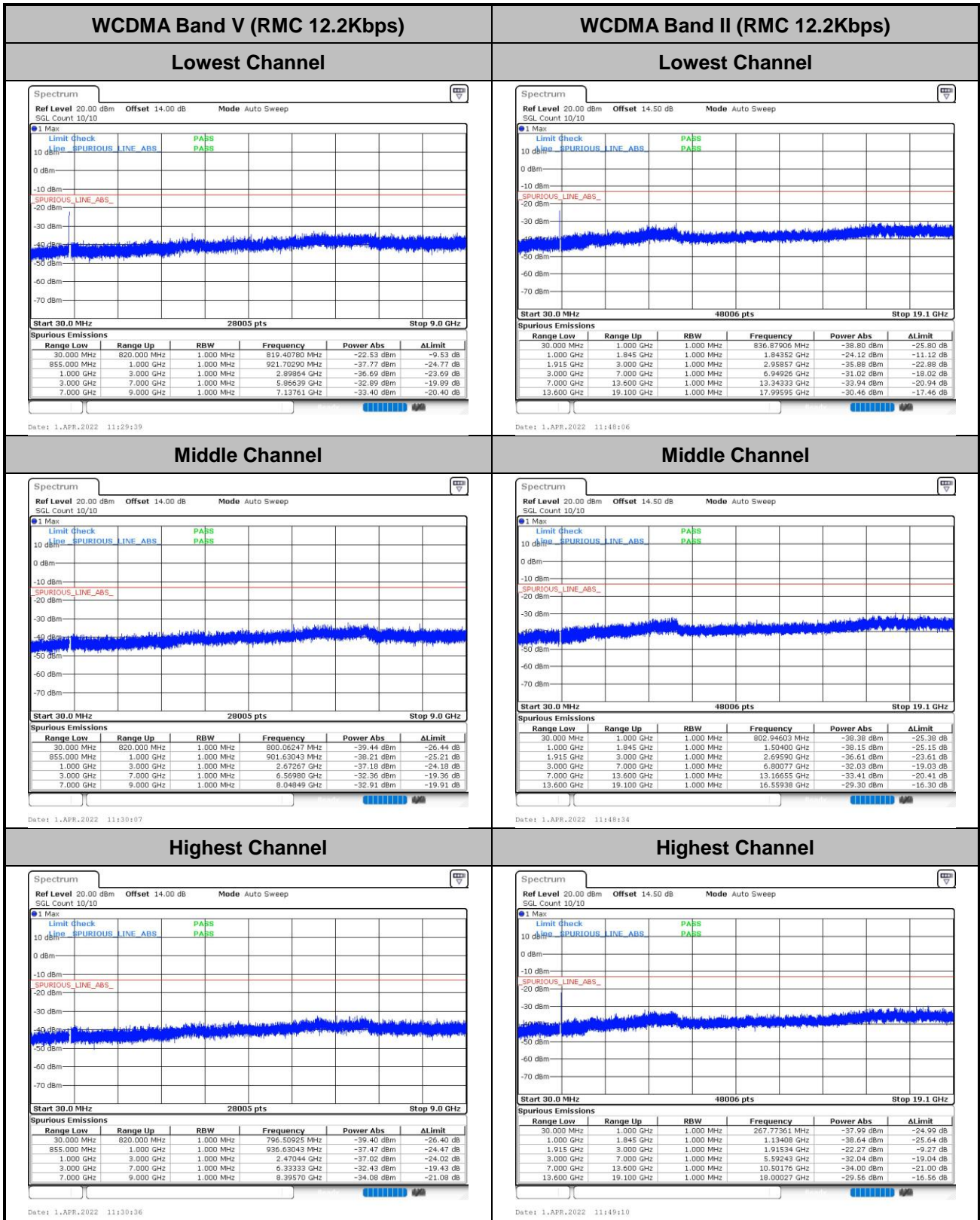
# Conducted Band Edge







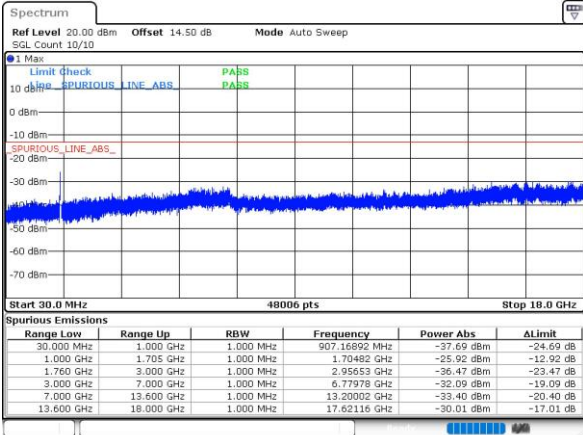
# Conducted Spurious Emission





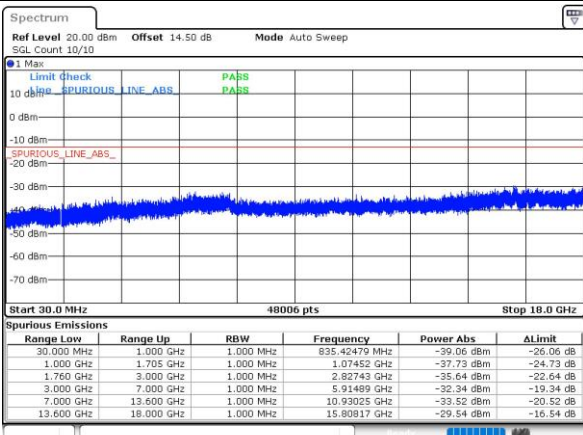
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



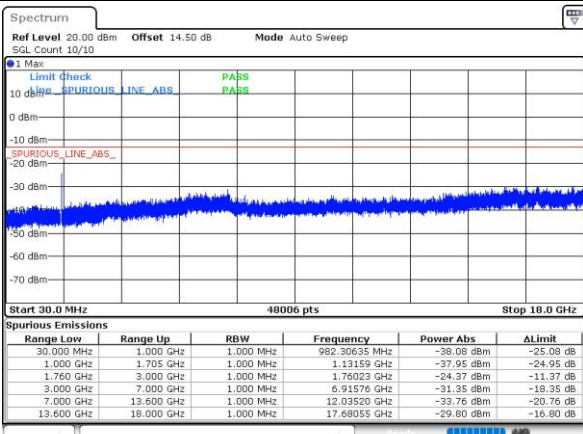
Date: 1.APR.2022 11:53:01

Middle Channel



Date: 1.APR.2022 11:53:01

Highest Channel



Date: 1.APR.2022 11:53:56



Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0173	
-30	Normal Voltage	0.0173	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0061	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0078	
-30	Normal Voltage	0.0078	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

**Note:**

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.3 V. ; Maximum Voltage =8.7 V.
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 :	KuangJia/WenBo XIAO	Temperature :	22~25°C
		Relative Humidity :	48~52%

GSM850 (GSM) (ANT0)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.4	-45.66	-13	-32.66	-52.97	-48.89	3.98	9.36	H
	2472.6	-49.80	-13	-36.80	-61.41	-53.35	4.85	10.55	H
	3296.8	-62.19	-13	-49.19	-77.08	-67.12	5.50	12.58	H
	1648.4	-46.65	-13	-33.65	-54.00	-49.88	3.98	9.36	V
	2472.6	-52.94	-13	-39.94	-64.59	-56.49	4.85	10.55	V
	3296.8	-62.30	-13	-49.30	-77.10	-67.23	5.50	12.58	V
Middle	1672.8	-48.22	-13	-35.22	-55.04	-51.47	4.00	9.40	H
	2509.2	-51.53	-13	-38.53	-63.22	-55.10	4.88	10.60	H
	3345.6	-62.40	-13	-49.40	-77.28	-67.33	5.52	12.60	H
	1672.8	-45.61	-13	-32.61	-52.62	-48.86	4.00	9.40	V
	2509.2	-53.41	-13	-40.41	-65.22	-56.98	4.88	10.60	V
	3345.6	-62.74	-13	-49.74	-77.64	-67.67	5.52	12.60	V
Highest	1697.6	-49.46	-13	-36.46	-56.50	-52.63	4.10	9.42	H
	2546.4	-50.45	-13	-37.45	-62.46	-54.03	4.90	10.63	H
	3395.2	-62.71	-13	-49.71	-77.65	-67.63	5.55	12.62	H
	1697.6	-47.90	-13	-34.90	-55.12	-51.07	4.10	9.42	V
	2546.4	-55.45	-13	-42.45	-67.47	-59.03	4.90	10.63	V
	3395.2	-62.47	-13	-49.47	-77.42	-67.39	5.55	12.62	V

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



GSM850 (EDGE 1 Tx slots) (ANT0)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.4	-45.57	-13	-32.57	-52.88	-48.80	3.98	9.36	H
	2472.6	-50.91	-13	-37.91	-62.52	-54.46	4.85	10.55	H
	3296.8	-62.22	-13	-49.22	-77.11	-67.15	5.50	12.58	H
	1648.4	-45.80	-13	-32.80	-53.15	-49.03	3.98	9.36	V
	2472.6	-52.06	-13	-39.06	-63.71	-55.61	4.85	10.55	V
	3296.8	-61.97	-13	-48.97	-76.77	-66.90	5.50	12.58	V
Middle	1672.8	-49.54	-13	-36.54	-56.36	-52.79	4.00	9.40	H
	2509.2	-53.88	-13	-40.88	-65.57	-57.45	4.88	10.60	H
	3345.6	-62.84	-13	-49.84	-77.72	-67.77	5.52	12.60	H
	1672.8	-45.01	-13	-32.01	-52.02	-48.26	4.00	9.40	V
	2509.2	-53.89	-13	-40.89	-65.70	-57.46	4.88	10.60	V
	3345.6	-62.57	-13	-49.57	-77.47	-67.50	5.52	12.60	V
Highest	1697.6	-49.51	-13	-36.51	-56.55	-52.68	4.10	9.42	H
	2546.4	-54.26	-13	-41.26	-66.27	-57.84	4.90	10.63	H
	3395.2	-62.72	-13	-49.72	-77.66	-67.64	5.55	12.62	H
	1697.6	-49.23	-13	-36.23	-56.45	-52.40	4.10	9.42	V
	2546.4	-56.71	-13	-43.71	-68.73	-60.29	4.90	10.63	V
	3395.2	-62.40	-13	-49.40	-77.35	-67.32	5.55	12.62	V

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



GSM1900 (GSM) (ANT1)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.4	-61.27	-13	-48.27	-77.79	-68.03	5.82	12.58	H
	5550.6	-60.61	-13	-47.61	-79.93	-66.33	7.28	13.00	H
	7400.8	-55.25	-13	-42.25	-79.17	-58.41	8.32	11.48	H
	3700.4	-61.22	-13	-48.22	-77.49	-67.98	5.82	12.58	V
	5550.6	-60.43	-13	-47.43	-79.6	-66.15	7.28	13.00	V
	7400.8	-55.04	-13	-42.04	-79.27	-58.20	8.32	11.48	V
Middle	3760	-60.97	-13	-47.97	-77.66	-67.72	5.85	12.60	H
	5640	-59.31	-13	-46.31	-79.48	-65.11	7.30	13.10	H
	7520	-55.88	-13	-42.88	-79.57	-59.03	8.35	11.50	H
	3760	-61.29	-13	-48.29	-77.54	-68.04	5.85	12.60	V
	5640	-60.26	-13	-47.26	-79.22	-66.06	7.30	13.10	V
	7520	-55.01	-13	-42.01	-79.12	-58.16	8.35	11.50	V
Highest	3819.6	-61.11	-13	-48.11	-77.94	-67.85	5.88	12.62	H
	5729.4	-58.43	-13	-45.43	-79.26	-64.24	7.32	13.13	H
	7639.2	-55.38	-13	-42.38	-78.88	-58.54	8.38	11.54	H
	3819.6	-61.62	-13	-48.62	-77.97	-68.36	5.88	12.62	V
	5729.4	-59.65	-13	-46.65	-79.65	-65.46	7.32	13.13	V
	7639.2	-54.99	-13	-41.99	-79.02	-58.15	8.38	11.54	V

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



GSM1900 (EDGE 1 Tx slots) (ANT1)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.4	-61.15	-13	-48.15	-77.67	-67.91	5.82	12.58	H
	5550.6	-60.67	-13	-47.67	-79.99	-66.39	7.28	13.00	H
	7400.8	-55.25	-13	-42.25	-79.17	-58.41	8.32	11.48	H
	3700.4	-61.62	-13	-48.62	-77.89	-68.38	5.82	12.58	V
	5550.6	-60.38	-13	-47.38	-79.55	-66.10	7.28	13.00	V
	7400.8	-54.71	-13	-41.71	-78.94	-57.87	8.32	11.48	V
Middle	3760	-60.97	-13	-47.97	-77.66	-67.72	5.85	12.60	H
	5640	-59.40	-13	-46.40	-79.57	-65.20	7.30	13.10	H
	7520	-55.60	-13	-42.60	-79.29	-58.75	8.35	11.50	H
	3760	-61.53	-13	-48.53	-77.78	-68.28	5.85	12.60	V
	5640	-60.61	-13	-47.61	-79.57	-66.41	7.30	13.10	V
	7520	-54.78	-13	-41.78	-78.89	-57.93	8.35	11.50	V
Highest	3819.6	-61.26	-13	-48.26	-78.09	-68.00	5.88	12.62	H
	5729.4	-58.88	-13	-45.88	-79.71	-64.69	7.32	13.13	H
	7639.2	-55.56	-13	-42.56	-79.06	-58.72	8.38	11.54	H
	3819.6	-61.66	-13	-48.66	-78.01	-68.40	5.88	12.62	V
	5729.4	-59.59	-13	-46.59	-79.59	-65.40	7.32	13.13	V
	7639.2	-54.91	-13	-41.91	-78.94	-58.07	8.38	11.54	V

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



WCDMA Band V(RMC 12.2Kbps) (ANT0)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1652.8	-51.51	-13	-38.51	-58.78	-54.74	3.98	9.36	H
	2479.2	-59.22	-13	-46.22	-70.84	-62.77	4.85	10.55	H
	3305.6	-62.31	-13	-49.31	-77.17	-67.24	5.50	12.58	H
	1652.8	-51.62	-13	-38.62	-58.96	-54.85	3.98	9.36	V
	2479.2	-59.69	-13	-46.69	-71.36	-63.24	4.85	10.55	V
	3305.6	-62.54	-13	-49.54	-77.33	-67.47	5.50	12.58	V
Middle	1672.8	-51.98	-13	-38.98	-58.80	-55.23	4.00	9.40	H
	2509.2	-60.41	-13	-47.41	-72.10	-63.98	4.88	10.60	H
	3345.6	-62.71	-13	-49.71	-77.59	-67.64	5.52	12.60	H
	1672.8	-54.15	-13	-41.15	-61.16	-57.40	4.00	9.40	V
	2509.2	-60.66	-13	-47.66	-72.47	-64.23	4.88	10.60	V
	3345.6	-62.56	-13	-49.56	-77.46	-67.49	5.52	12.60	V
Highest	1693.2	-53.21	-13	-40.21	-60.23	-56.38	4.10	9.42	H
	2539.8	-59.71	-13	-46.71	-71.65	-63.29	4.90	10.63	H
	3386.4	-62.55	-13	-49.55	-77.51	-67.47	5.55	12.62	H
	1693.2	-53.74	-13	-40.74	-60.94	-56.91	4.10	9.42	V
	2539.8	-61.04	-13	-48.04	-73.01	-64.62	4.90	10.63	V
	3386.4	-62.62	-13	-49.62	-77.59	-67.54	5.55	12.62	V

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



WCDMA Band II(RMC 12.2Kbps) (ANT1)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3704.8	-61.26	-13	-48.26	-77.80	-68.02	5.82	12.58	H
	5557.2	-61.01	-13	-48.01	-80.34	-66.73	7.28	13.00	H
	7409.6	-55.20	-13	-42.20	-79.10	-58.36	8.32	11.48	H
	3704.8	-61.66	-13	-48.66	-77.93	-68.42	5.82	12.58	V
	5557.2	-61.02	-13	-48.02	-80.2	-66.74	7.28	13.00	V
	7409.6	-54.66	-13	-41.66	-78.88	-57.82	8.32	11.48	V
Middle	3760	-61.13	-13	-48.13	-77.82	-67.88	5.85	12.60	H
	5640	-59.69	-13	-46.69	-79.86	-65.49	7.30	13.10	H
	7520	-55.88	-13	-42.88	-79.57	-59.03	8.35	11.50	H
	3760	-61.58	-13	-48.58	-77.83	-68.33	5.85	12.60	V
	5640	-60.35	-13	-47.35	-79.31	-66.15	7.30	13.10	V
	7520	-55.18	-13	-42.18	-79.29	-58.33	8.35	11.50	V
Highest	3815.2	-61.30	-13	-48.30	-78.11	-68.04	5.88	12.62	H
	5722.8	-59.00	-13	-46.00	-79.78	-64.81	7.32	13.13	H
	7630.4	-55.76	-13	-42.76	-79.28	-58.92	8.38	11.54	H
	3815.2	-61.57	-13	-48.57	-77.88	-68.31	5.88	12.62	V
	5722.8	-59.77	-13	-46.77	-79.69	-65.58	7.32	13.13	V
	7630.4	-55.35	-13	-42.35	-79.39	-58.51	8.38	11.54	V

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



WCDMA Band IV(RMC 12.2Kbps) (ANT1)									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3424.8	-62.57	-13	-49.57	-77.62	-69.45	5.60	12.48	H
	5137.2	-60.02	-13	-47.02	-79.68	-65.70	7.10	12.78	H
	6849.6	-58.04	-13	-45.04	-80.15	-61.43	8.38	11.77	H
	3424.8	-62.26	-13	-49.26	-77.33	-69.14	5.60	12.48	V
	5137.2	-60.23	-13	-47.23	-79.63	-65.91	7.10	12.78	V
	6849.6	-57.26	-13	-44.26	-79.79	-60.65	8.38	11.77	V
Middle	3465.2	-61.99	-13	-48.99	-77.23	-68.84	5.65	12.50	H
	5197.8	-60.24	-13	-47.24	-79.85	-65.91	7.13	12.80	H
	6930.4	-57.61	-13	-44.61	-79.76	-61.01	8.40	11.80	H
	3465.2	-62.28	-13	-49.28	-77.55	-69.13	5.65	12.50	V
	5197.8	-60.76	-13	-47.76	-79.99	-66.43	7.13	12.80	V
	6930.4	-57.10	-13	-44.10	-79.54	-60.50	8.40	11.80	V
Highest	3505.2	-62.10	-13	-49.10	-77.53	-68.94	5.68	12.52	H
	5257.8	-60.49	-13	-47.49	-79.70	-66.16	7.15	12.82	H
	7010.4	-57.08	-13	-44.08	-79.43	-60.51	8.42	11.85	H
	3505.2	-62.02	-13	-49.02	-77.5	-68.86	5.68	12.52	V
	5257.8	-60.87	-13	-47.87	-79.64	-66.54	7.15	12.82	V
	7010.4	-56.90	-13	-43.90	-79.46	-60.33	8.42	11.85	V

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