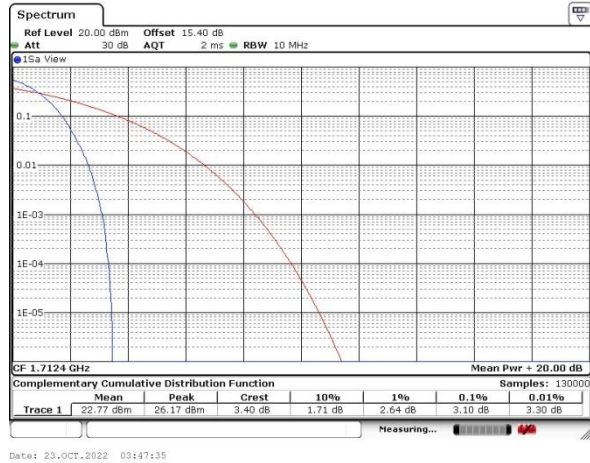


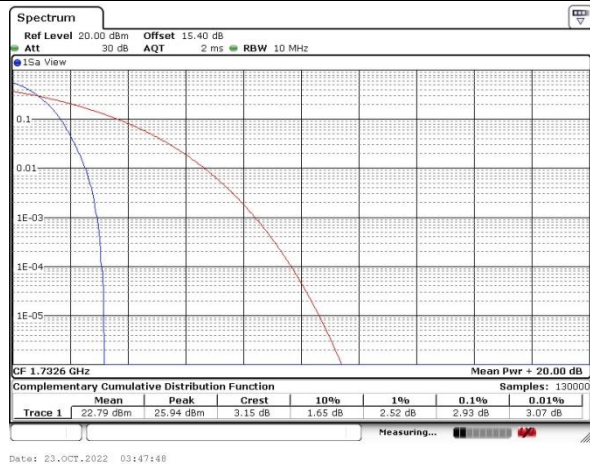


WCDMA Band IV (RMC 12.2Kbps)

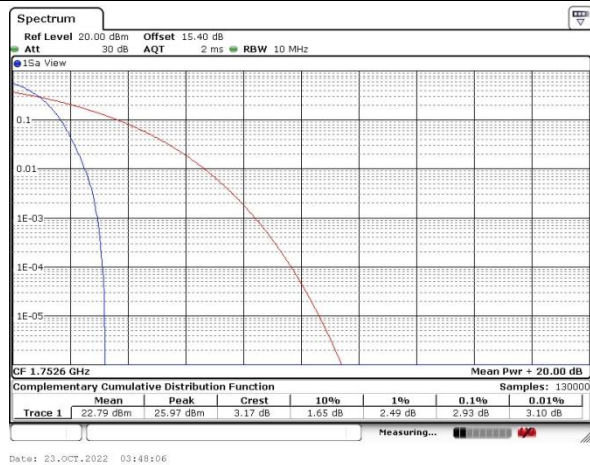
Lowest Channel



Middle Channel



Highest Channel





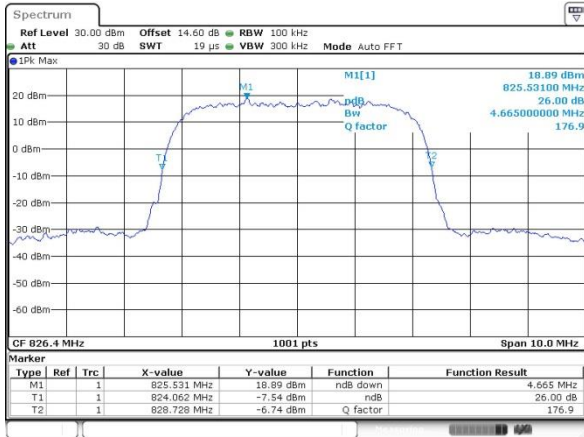
26dB Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.665	4.675	4.675
Middle CH	4.675	4.675	4.675
Highest CH	4.665	4.675	4.675



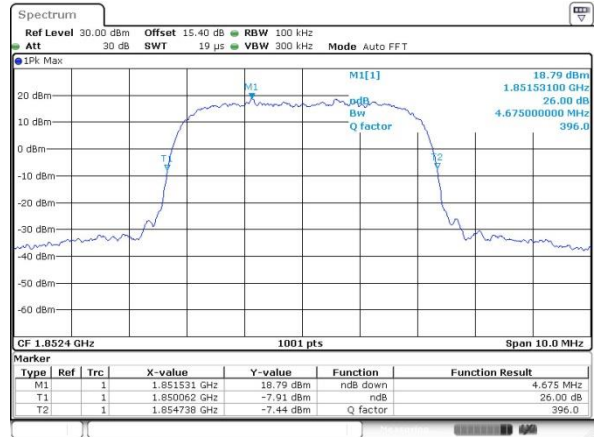
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

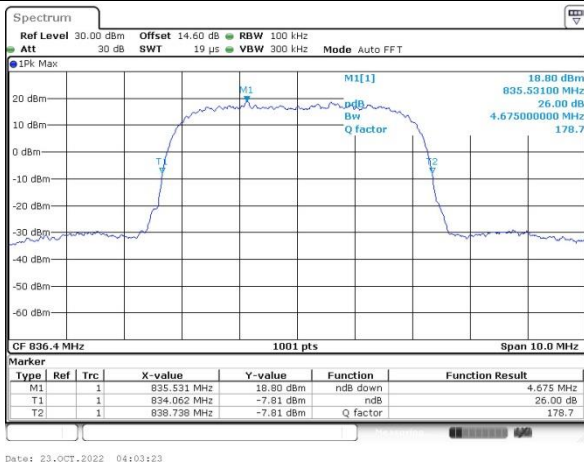


WCDMA Band II (RMC 12.2Kbps)

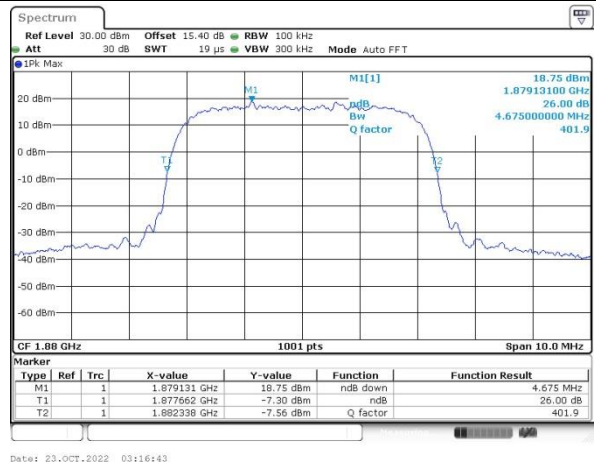
Lowest Channel



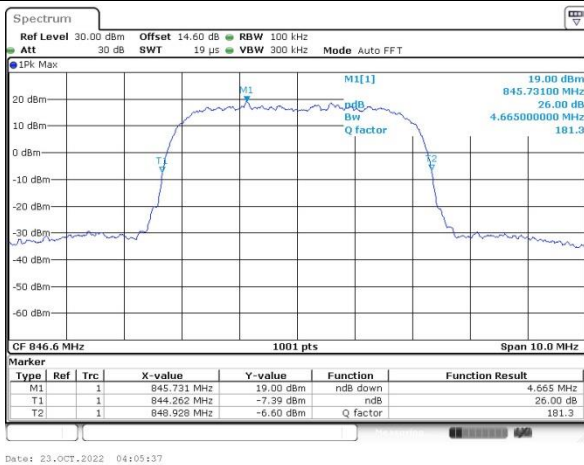
Middle Channel



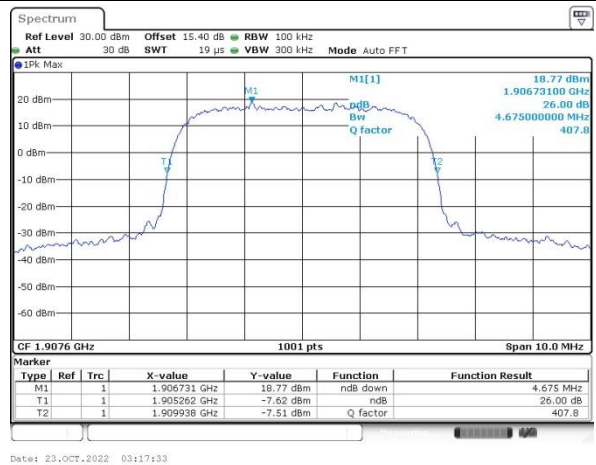
Middle Channel



Highest Channel



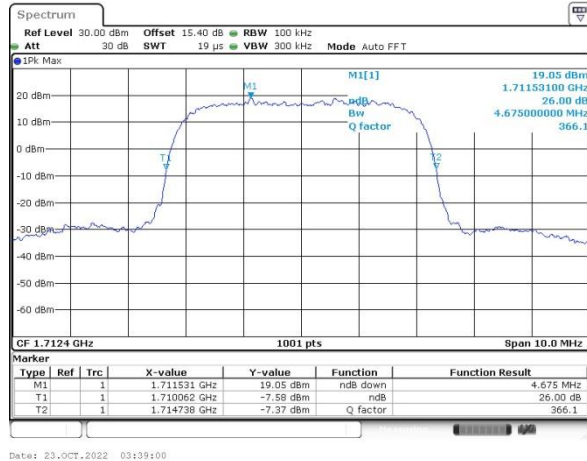
Highest Channel



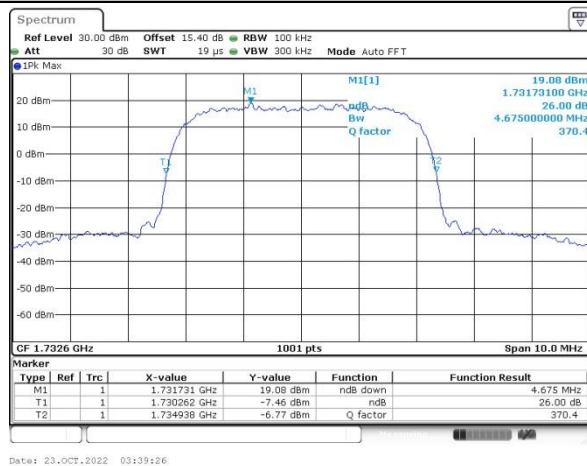


WCDMA Band IV (RMC 12.2Kbps)

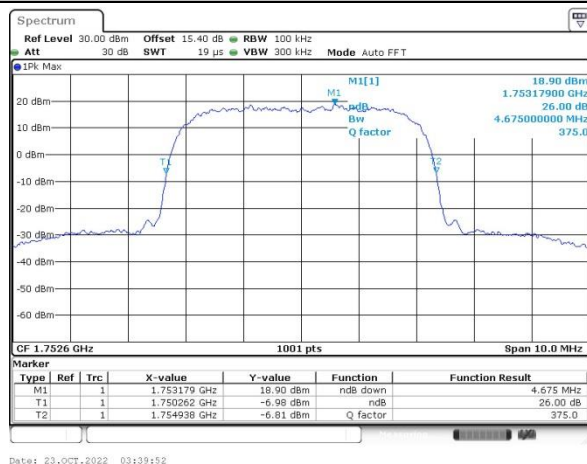
Lowest Channel



Middle Channel



Highest Channel





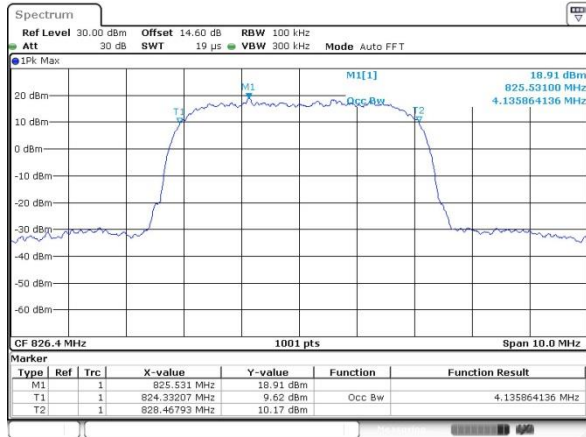
Occupied Bandwidth

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



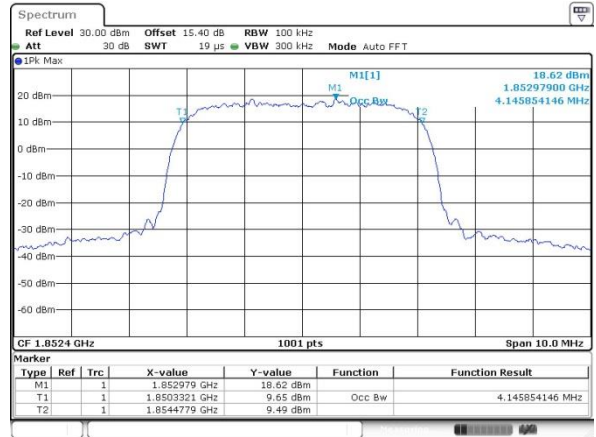
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

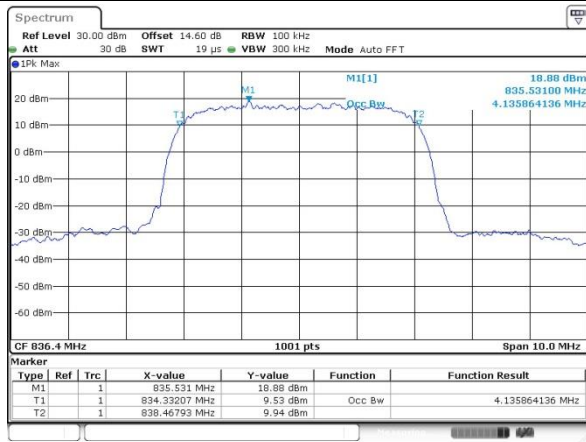


WCDMA Band II (RMC 12.2Kbps)

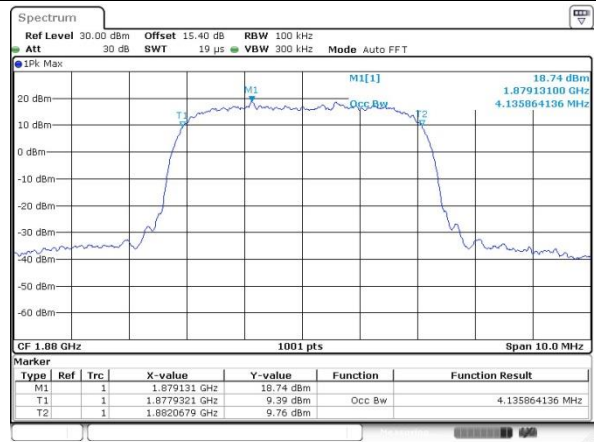
Lowest Channel



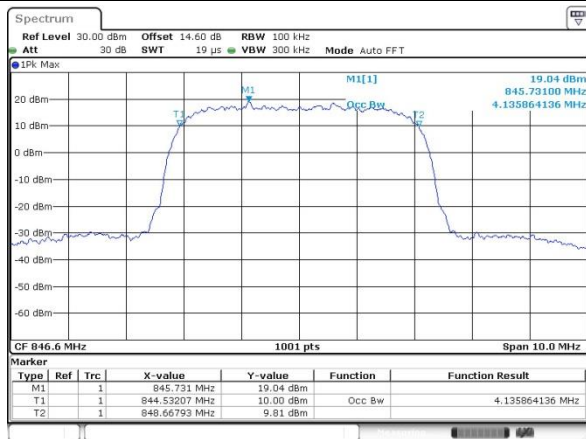
Middle Channel



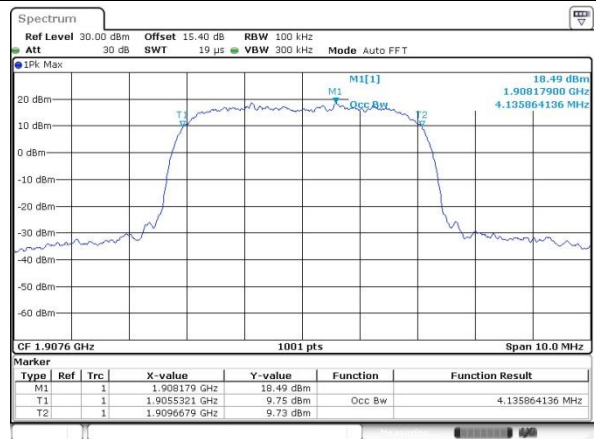
Middle Channel



Highest Channel



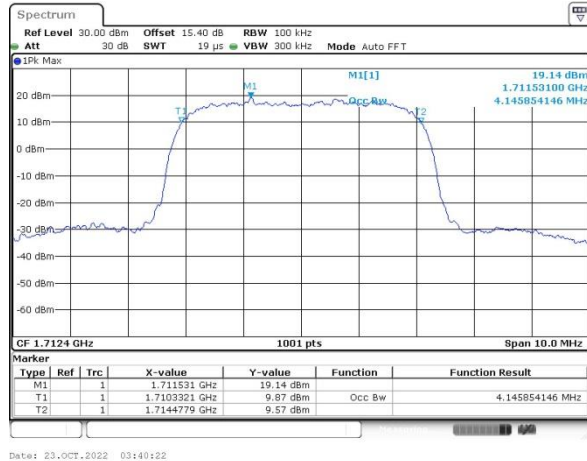
Highest Channel



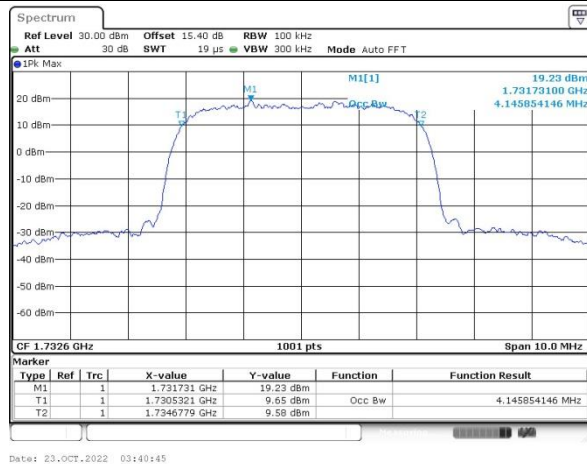


WCDMA Band IV (RMC 12.2Kbps)

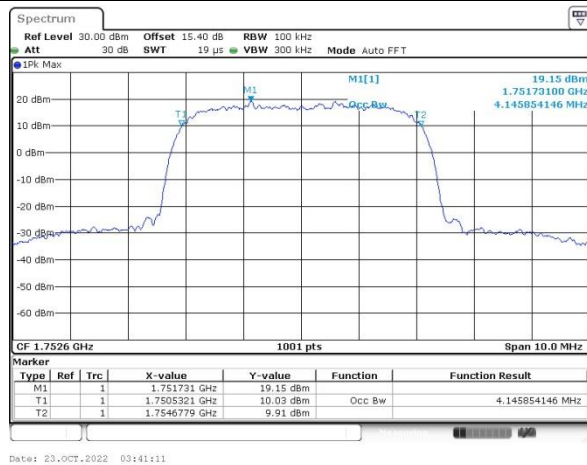
Lowest Channel



Middle Channel



Highest Channel

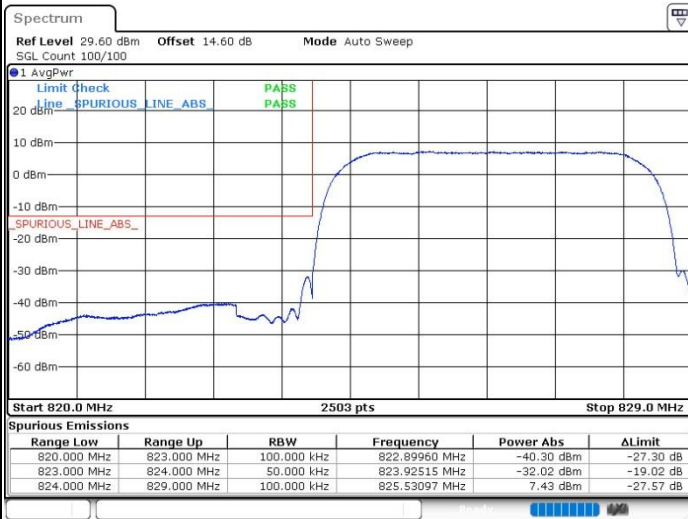




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

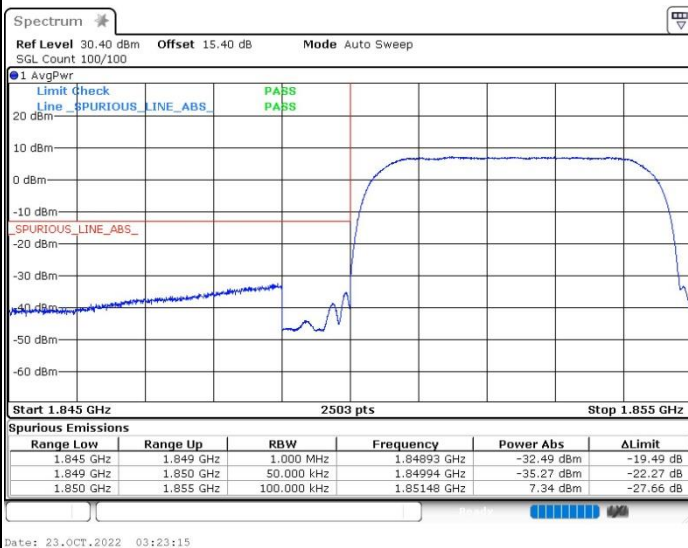


Highest Band Edge

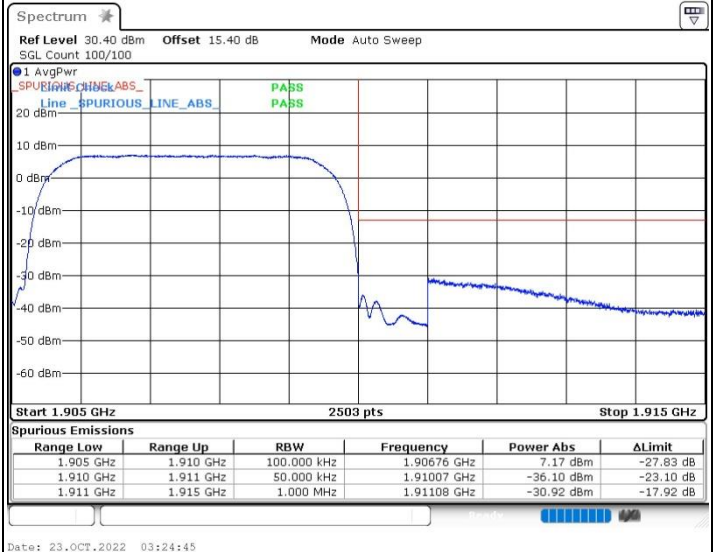


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

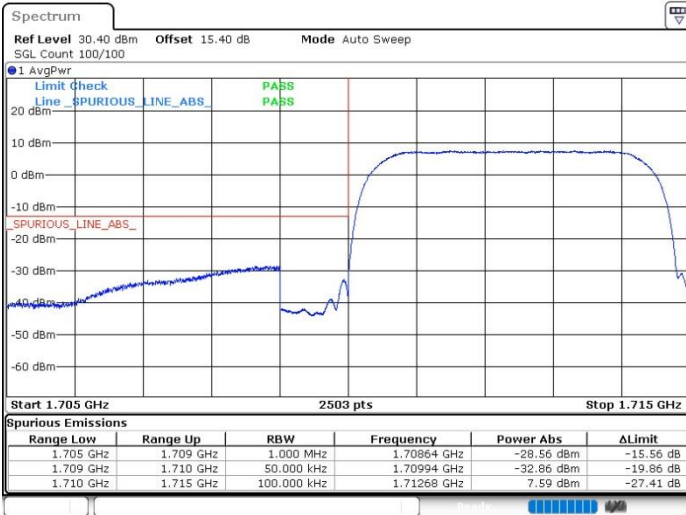




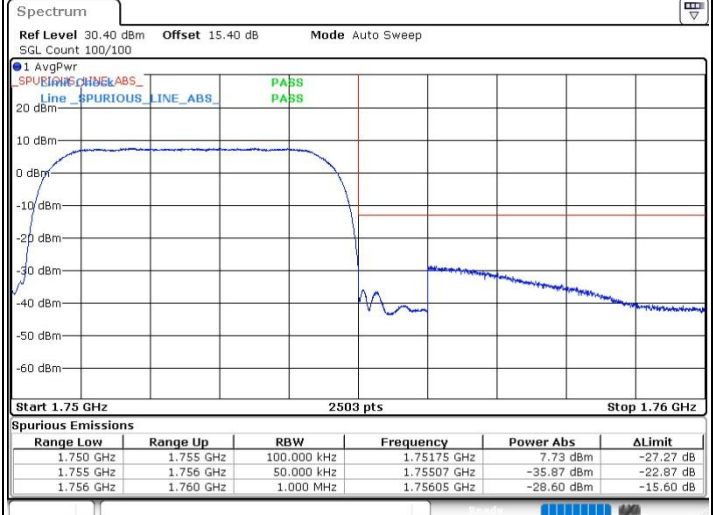
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 23.OCT.2022 03:42:46



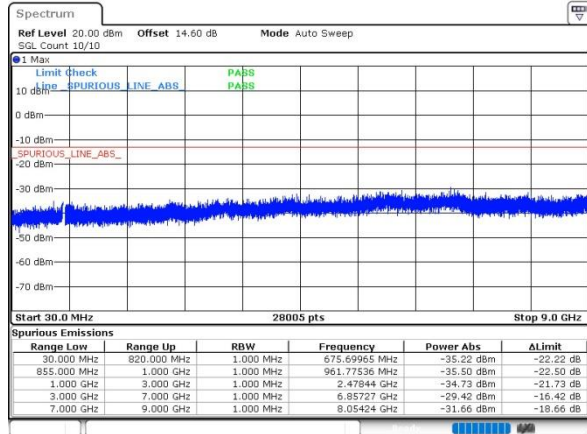
Date: 23.OCT.2022 03:43:55



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

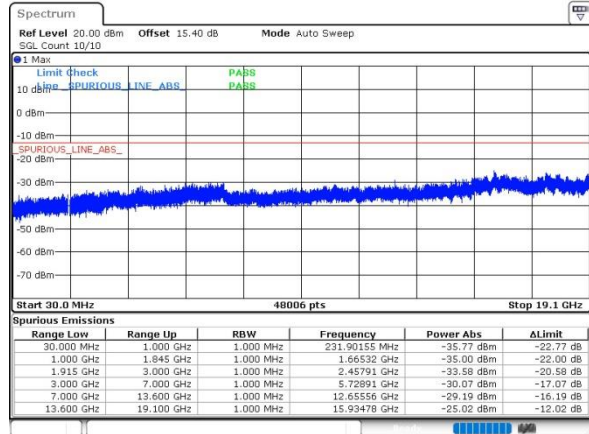
Lowest Channel



Date: 23.OCT.2022 04:17:42

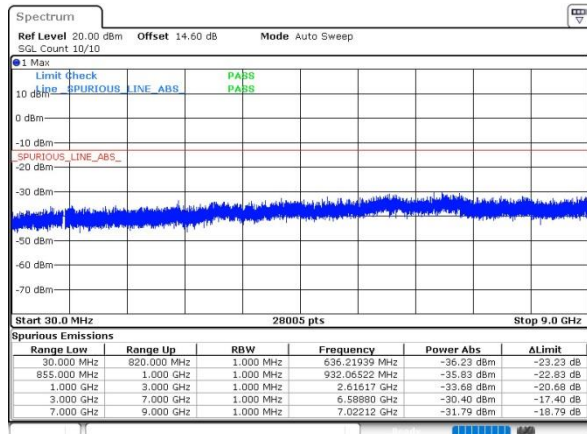
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



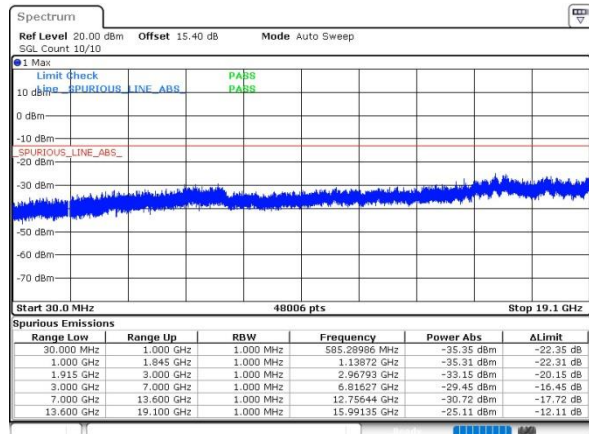
Date: 23.OCT.2022 03:32:34

Middle Channel



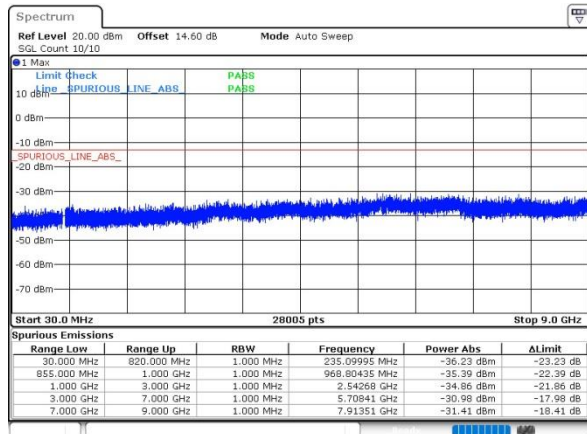
Date: 23.OCT.2022 04:18:25

Middle Channel



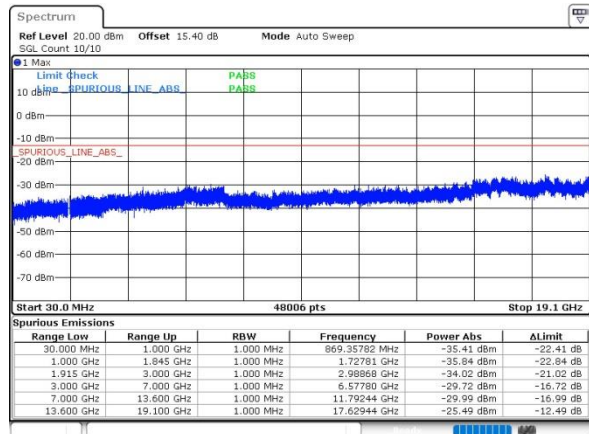
Date: 23.OCT.2022 03:32:59

Highest Channel



Date: 23.OCT.2022 04:18:57

Highest Channel

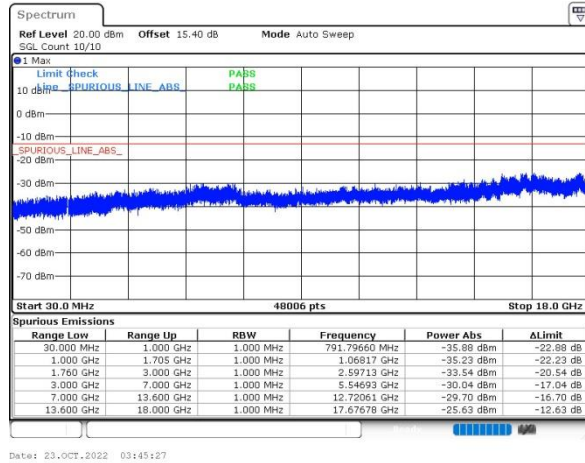


Date: 23.OCT.2022 03:33:28

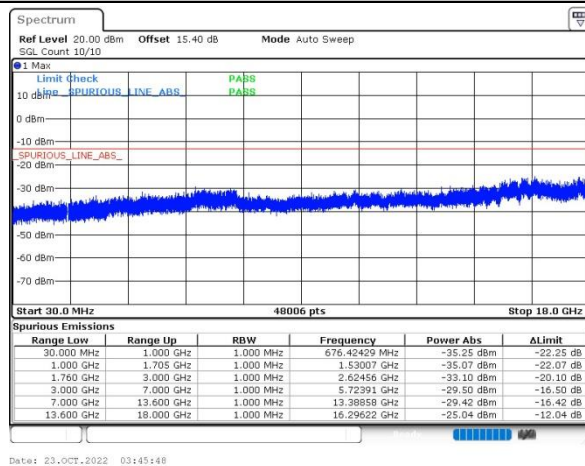


WCDMA Band IV (RMC 12.2Kbps)

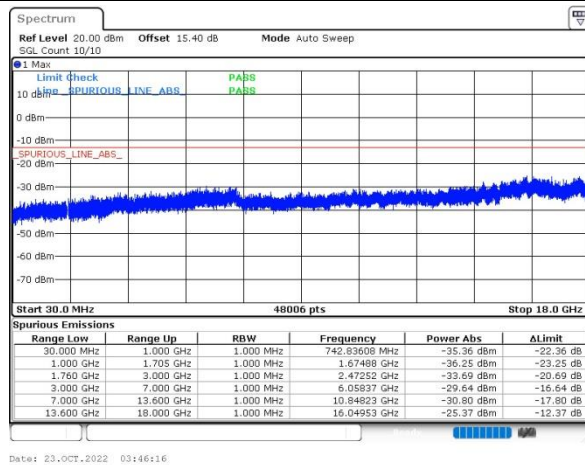
Lowest Channel



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
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0013	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2.
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0012	
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	0.0038	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.6V. ; 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 :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

GSM850 (GSM)									
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)
Middle	1672.8	-50.12	-13	-37.12	-61.83	-53.37	4.00	9.40	H
	2509.2	-46.42	-13	-33.42	-65.32	-49.99	4.88	10.60	H
	3345.6	-58.31	-13	-45.31	-79.38	-63.24	5.52	12.60	H
	1672.8	-49.09	-13	-36.09	-61.51	-52.34	4.00	9.40	V
	2509.2	-38.75	-13	-25.75	-57.86	-42.32	4.88	10.60	V
	3345.6	-55.03	-13	-42.03	-76.40	-59.96	5.52	12.60	V

GSM850 (EDGE)									
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)
Middle	1672.8	-56.64	-13	-43.64	-68.35	-59.89	4.00	9.40	H
	2509.2	-51.46	-13	-38.46	-70.36	-55.03	4.88	10.60	H
	3345.6	-58.50	-13	-45.50	-79.57	-63.43	5.52	12.60	H
	1672.8	-52.84	-13	-39.84	-65.26	-56.09	4.00	9.40	V
	2509.2	-45.80	-13	-32.80	-64.91	-49.37	4.88	10.60	V
	3345.6	-54.96	-13	-41.96	-76.33	-59.89	5.52	12.60	V

GSM1900 (GSM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-55.42	-13	-42.42	-77.76	-62.17	5.85	12.60	H
	5640	-49.12	-13	-36.12	-73.24	-54.92	7.30	13.10	H
	7520	-55.48	-13	-42.48	-81.76	-58.63	8.35	11.50	H
	3760	-51.59	-13	-38.59	-77.09	-58.34	5.85	12.60	V
	5640	-46.70	-13	-33.70	-70.97	-52.50	7.30	13.10	V
	7520	-55.12	-13	-42.12	-81.38	-58.27	8.35	11.50	V
	3760	-55.42	-13	-42.42	-77.76	-62.17	5.85	12.60	H



GSM1900 (EDGE)

Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-56.47	-13	-43.47	-78.81	-63.22	5.85	12.60	H
	5640	-57.16	-13	-44.16	-81.28	-62.96	7.30	13.10	H
	7520	-54.80	-13	-41.80	-81.08	-57.95	8.35	11.50	H
	3760	-54.59	-13	-41.59	-80.09	-61.34	5.85	12.60	V
	5640	-56.71	-13	-43.71	-80.98	-62.51	7.30	13.10	V
	7520	-54.24	-13	-41.24	-80.5	-57.39	8.35	11.50	V

WCDMA Band V(RMC 12.2Kbps)

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)
Middle	1672.8	-65.01	-13	-52.01	-76.72	-68.26	4.00	9.40	H
	2509.2	-59.51	-13	-46.51	-78.41	-63.08	4.88	10.60	H
	3345.6	-58.37	-13	-45.37	-79.44	-63.30	5.52	12.60	H
	1672.8	-64.27	-13	-51.27	-76.69	-67.52	4.00	9.40	V
	2509.2	-59.60	-13	-46.60	-78.71	-63.17	4.88	10.60	V
	3345.6	-58.04	-13	-45.04	-79.41	-62.97	5.52	12.60	V

WCDMA Band II(RMC 12.2Kbps)

Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.40	-13	-44.40	-79.74	-64.15	5.85	12.60	H
	5640	-57.11	-13	-44.11	-81.23	-62.91	7.30	13.10	H
	7520	-55.83	-13	-42.83	-82.11	-58.98	8.35	11.50	H
	3760	-54.85	-13	-41.85	-80.35	-61.60	5.85	12.60	V
	5640	-56.91	-13	-43.91	-81.18	-62.71	7.30	13.10	V
	7520	-55.89	-13	-42.89	-82.15	-59.04	8.35	11.50	V

WCDMA Band IV(RMC 12.2Kbps)

Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465.2	-58.19	-13	-45.19	-80.14	-65.04	5.65	12.50	H
	5197.8	-57.58	-13	-44.58	-81.74	-63.25	7.13	12.80	H
	6930.4	-56.28	-13	-43.28	-81.98	-59.68	8.40	11.80	H
	3465.2	-57.94	-13	-44.94	-79.69	-64.79	5.65	12.50	V
	5197.8	-57.58	-13	-44.58	-82.01	-63.25	7.13	12.80	V
	6930.4	-55.19	-13	-42.19	-81.81	-58.59	8.40	11.80	V

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