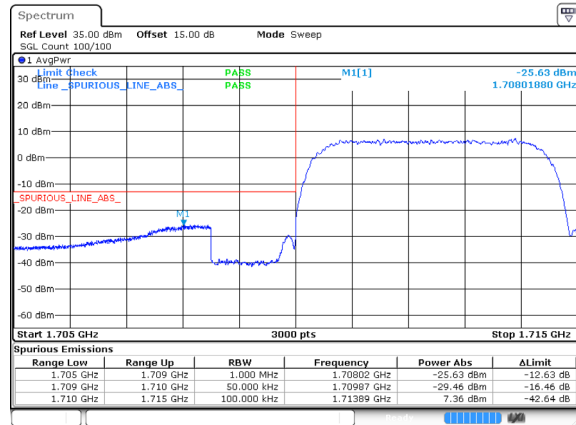
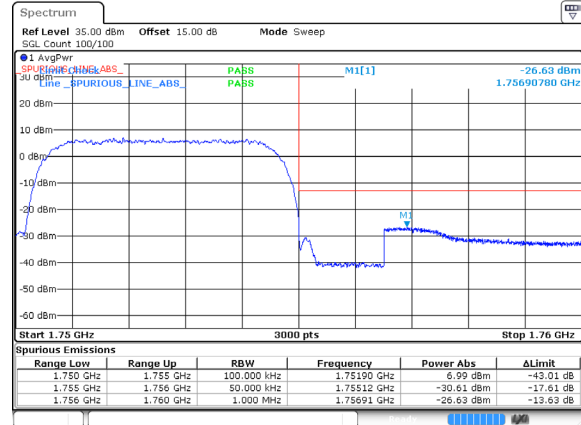


WCDMA (HSPA+) Mode, Left Band Edge



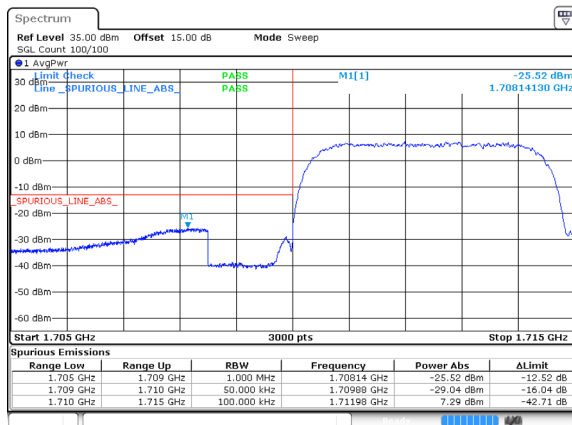
ProjectNo.: RKSA260107001 Tester:Neil Zhou
Date: 2 FEB 2026 14:25:05

WCDMA (HSPA+) Mode, Right Band Edge



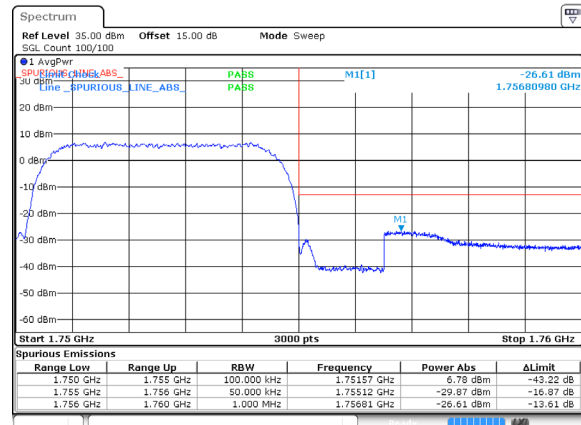
ProjectNo.: RKSA260107001 Tester:Neil Zhou
Date: 2 FEB 2026 14:25:28

WCDMA (HSPA+) Mode, Left Band Edge



ProjectNo.: RKSA260107001 Tester:Neil Zhou
Date: 2 FEB 2026 14:28:32

WCDMA (HSPA+) Mode, Right Band Edge



ProjectNo.: RKSA260107001 Tester:Neil Zhou
Date: 2 FEB 2026 14:28:55

FREQUENCY STABILITY**Environmental Conditions & Test Information**

Test Date:	2026.01.31 to 2026-02-02
Temperature:	15.4-17℃
Relative Humidity:	41-43 %
ATM Pressure:	103.1-103.5 kPa
Test Result:	Pass
Test Engineer:	Hugh Wu

EUT operation mode: Transmitting

GPRS 850, Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.87	23	0.02749	2.5
-20		47	0.05618	2.5
-10		21	0.02510	2.5
0		18	0.02152	2.5
10		36	0.04303	2.5
20		12	0.01434	2.5
30		27	0.03227	2.5
40		15	0.01793	2.5
50		33	0.03945	2.5
20	V min.= 3.46	12	0.01434	2.5
20	V max.= 4.26	15	0.01793	2.5

EGPRS 850, Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.87	50	0.05977	2.5
-20		61	0.07291	2.5
-10		17	0.02032	2.5
0		14	0.01673	2.5
10		10	0.01195	2.5
20		19	0.02271	2.5
30		15	0.01793	2.5
40		31	0.03705	2.5
50		58	0.06933	2.5
20	V min.= 3.46	32	0.03825	2.5
20	V max.= 4.26	31	0.03705	2.5

GPRS 1900, low channel& high channel					
Temperature (°C)	Voltage Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	1850.06200	1909.96300	1850	1910
-20		1850.07400	1909.96200	1850	1910
-10		1850.07000	1909.98000	1850	1910
0		1850.03800	1909.95900	1850	1910
10		1850.05000	1909.94500	1850	1910
20		1850.06100	1909.94900	1850	1910
30		1850.05200	1909.94700	1850	1910
40		1850.02100	1909.96600	1850	1910
50		1850.06900	1909.93800	1850	1910
20	V min.= 3.46	1850.05800	1909.92800	1850	1910
20	V max.= 4.26	1850.044	1909.943	1850	1910

EGPRS 1900, low channel& high channel					
Temperature (°C)	Voltage Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	1850.03800	1909.96600	1850	1910
-20		1850.04600	1909.94700	1850	1910
-10		1850.02800	1909.94200	1850	1910
0		1850.05400	1909.97800	1850	1910
10		1850.03700	1909.98400	1850	1910
20		1850.07700	1909.93900	1850	1910
30		1850.05500	1909.94100	1850	1910
40		1850.02500	1909.94400	1850	1910
50		1850.07200	1909.98500	1850	1910
20	V min.= 3.46	1850.03100	1909.97100	1850	1910
20	V max.= 4.26	1850.05700	1909.93700	1850	1910

WCDMA Band II:

WCDMA Mode , low channel& high channel					
Temperature (°C)	Voltage Supplied (V_{DC})	F_L (MHz)	F_H (MHz)	F_L Limit (MHz)	F_H Limit (MHz)
-30	3.87	1850.07300	1909.96000	1850	1910
-20		1850.08300	1909.96900	1850	1910
-10		1850.04500	1909.95900	1850	1910
0		1850.04100	1909.96300	1850	1910
10		1850.03900	1909.96200	1850	1910
20		1850.06200	1909.95900	1850	1910
30		1850.03100	1909.95300	1850	1910
40		1850.02600	1909.93900	1850	1910
50		1850.08000	1909.97000	1850	1910
20	V min.= 3.46	1850.04000	1909.98800	1850	1910
20	V max.= 4.26	1850.07800	1909.96600	1850	1910

WCDMA Band IV:

WCDMA Mode , low channel& high channel					
Temperature (°C)	Voltage Supplied (V_{DC})	F_L (MHz)	F_H (MHz)	F_L Limit (MHz)	F_H Limit (MHz)
-30	3.87	1710.04800	1754.92600	1710	1755
-20		1710.03500	1754.92900	1710	1755
-10		1710.02400	1754.93100	1710	1755
0		1710.02400	1754.91200	1710	1755
10		1710.02900	1754.93900	1710	1755
20		1710.06400	1754.94100	1710	1755
30		1710.01300	1754.95400	1710	1755
40		1710.01600	1754.96400	1710	1755
50		1710.03900	1754.92200	1710	1755
20	V min.= 3.46	1710.04700	1754.96200	1710	1755
20	V max.= 4.26	1710.02500	1754.91600	1710	1755

WCDMA Band V:

WCDMA Mode , Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.87	48	0.05738	2.5
-20		70	0.08367	2.5
-10		38	0.04542	2.5
0		50	0.05977	2.5
10		40	0.04781	2.5
20		15	0.01793	2.5
30		35	0.04184	2.5
40		50	0.05977	2.5
50		39	0.04662	2.5
20	V min.= 3.46	50	0.05977	2.5
20	V max.= 4.26	74	0.08845	2.5

LTE Band 2:

QPSK, 20MHz, low channel& high channel					
Temperature (°C)	Voltage Supplied (V_{DC})	F_L (MHz)	F_H (MHz)	F_L Limit (MHz)	F_H Limit (MHz)
-30	3.87	1850.11300	1909.95500	1850	1910
-20		1850.08100	1909.95500	1850	1910
-10		1850.05700	1909.95100	1850	1910
0		1850.08100	1909.94600	1850	1910
10		1850.04400	1909.92900	1850	1910
20		1850.04900	1909.96600	1850	1910
30		1850.07000	1909.93800	1850	1910
40		1850.04700	1909.93400	1850	1910
50		1850.05800	1909.93400	1850	1910
20	V min.= 3.46	1850.08800	1909.95600	1850	1910
20	V max.= 4.26	1850.04400	1909.96300	1850	1910

16-QAM, 20MHz, low channel& high channel					
Temperature (°C)	Voltage Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	1850.02800	1909.97100	1850	1910
-20		1850.04900	1909.96800	1850	1910
-10		1850.02200	1909.97600	1850	1910
0		1850.09000	1909.96800	1850	1910
10		1850.03900	1909.95500	1850	1910
20		1850.03900	1909.98300	1850	1910
30		1850.05200	1909.98900	1850	1910
40		1850.04200	1909.98400	1850	1910
50		1850.08600	1909.96900	1850	1910
20	V min.= 3.46	1850.02800	1909.94700	1850	1910
20	V max.= 4.26	1850.07200	1909.96700	1850	1910

LTE Band 4:

QPSK, 20MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	1710.05900	1754.96000	1710	1755
-20		1710.02200	1754.96800	1710	1755
-10		1710.04500	1754.91800	1710	1755
0		1710.06300	1754.96000	1710	1755
10		1710.05000	1754.93300	1710	1755
20		1710.05400	1754.96000	1710	1755
30		1710.03500	1754.93200	1710	1755
40		1710.05700	1754.92000	1710	1755
50		1710.04100	1754.94100	1710	1755
20	V min.= 3.46	1710.02100	1754.91700	1710	1755
20	V max.= 4.26	1710.05300	1754.95200	1710	1755

16QAM, 20MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	1710.06300	1754.95000	1710	1755
-20		1710.05400	1754.90800	1710	1755
-10		1710.02000	1754.93900	1710	1755
0		1710.07100	1754.91200	1710	1755
10		1710.01000	1754.96200	1710	1755
20		1710.03900	1754.95700	1710	1755
30		1710.01000	1754.96000	1710	1755
40		1710.06300	1754.94400	1710	1755
50		1710.00800	1754.96800	1710	1755
20	V min.= 3.46	1710.04100	1754.92200	1710	1755
20	V max.= 4.26	1710.01700	1754.94400	1710	1755

LTE Band 5:

QPSK, 10.0 MHz,Middle channel				
Temperature (°C)	Voltage Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.87	9	0.01076	2.5
-20		63	0.07531	2.5
-10		46	0.05499	2.5
0		23	0.02750	2.5
10		41	0.04901	2.5
20		22	0.02630	2.5
30		22	0.02630	2.5
40		30	0.03586	2.5
50		41	0.04901	2.5
20	V min.= 3.46	54	0.06455	2.5
20	V max.= 4.26	21	0.02510	2.5

16-QAM, 10.0 MHz, Middle channel				
Temperature (°C)	Voltage Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.87	19	0.02271	2.5
-20		33	0.03945	2.5
-10		47	0.05619	2.5
0		43	0.05140	2.5
10		8	0.00956	2.5
20		52	0.06216	2.5
30		39	0.04662	2.5
40		45	0.05380	2.5
50		83	0.09922	2.5
20	V min.= 3.46	38	0.04543	2.5
20	V max.= 4.26	35	0.04184	2.5

LTE Band 7:

QPSK , 20 MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	2500.138	2569.902	2500	2570
-20		2500.155	2569.890	2500	2570
-10		2500.109	2569.926	2500	2570
0		2500.124	2569.945	2500	2570
10		2500.075	2569.931	2500	2570
20		2500.106	2569.900	2500	2570
30		2500.133	2569.917	2500	2570
40		2500.094	2569.895	2500	2570
50		2500.130	2569.939	2500	2570
20	V min.= 3.46	2500.176	2569.890	2500	2570
20	V max.= 4.26	2500.171	2569.949	2500	2570

16-QAM, 20 MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	2500.217	2569.928	2500	2570
-20		2500.181	2569.915	2500	2570
-10		2500.063	2569.918	2500	2570
0		2500.187	2569.943	2500	2570
10		2500.151	2569.912	2500	2570
20		2500.135	2569.876	2500	2570
30		2500.125	2569.906	2500	2570
40		2500.148	2569.919	2500	2570
50		2500.182	2569.926	2500	2570
20	V min.= 3.46	2500.187	2569.931	2500	2570
20	V max.= 4.26	2500.182	2569.933	2500	2570

LTE Band 12:

QPSK, 10MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	699.085	715.973	699	716
-20		699.085	715.950	699	716
-10		699.144	715.943	699	716
0		699.087	715.934	699	716
10		699.117	715.969	699	716
20		699.094	715.978	699	716
30		699.085	715.971	699	716
40		699.123	715.966	699	716
50		699.100	715.931	699	716
20	V min.= 3.46	699.057	715.955	699	716
20	V max.= 4.26	699.099	715.969	699	716

16QAM, 10MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	699.114	715.967	699	716
-20		699.147	715.975	699	716
-10		699.094	715.951	699	716
0		699.113	715.978	699	716
10		699.114	715.98	699	716
20		699.115	715.963	699	716
30		699.132	715.969	699	716
40		699.075	715.944	699	716
50		699.127	715.979	699	716
20	V min.= 3.46	699.107	715.937	699	716
20	V max.= 4.26	699.103	715.968	699	716

LTE Band 17:

QPSK, 10MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	704.104	715.912	704	716
-20		704.122	715.892	704	716
-10		704.19	715.92	704	716
0		704.186	715.947	704	716
10		704.197	715.895	704	716
20		704.2	715.902	704	716
30		704.091	715.917	704	716
40		704.115	715.929	704	716
50		704.14	715.891	704	716
20	V min.= 3.46	704.137	715.908	704	716
20	V max.= 4.26	704.107	715.881	704	716

16QAM, 10MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	704.16200	715.89300	704	716
-20		704.15000	715.90700	704	716
-10		704.12900	715.90700	704	716
0		704.11500	715.88400	704	716
10		704.18200	715.91300	704	716
20		704.18800	715.89800	704	716
30		704.12700	715.92800	704	716
40		704.18400	715.91000	704	716
50		704.16700	715.92800	704	716
20	V min.= 3.46	704.13100	715.88200	704	716
20	V max.= 4.26	704.23600	715.90800	704	716

LTE Band 38:

QPSK, 20MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	2570.101	2619.918	2570	2620
-20		2570.120	2619.875	2570	2620
-10		2570.091	2619.893	2570	2620
0		2570.078	2619.935	2570	2620
10		2570.070	2619.962	2570	2620
20		2570.091	2619.975	2570	2620
30		2570.099	2619.918	2570	2620
40		2570.106	2619.903	2570	2620
50		2570.105	2619.873	2570	2620
20	V min.= 3.46	2570.135	2619.856	2570	2620
20	V max.= 4.26	2570.112	2619.926	2570	2620

16QAM, 20MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	2570.109	2619.865	2570	2620
-20		2570.097	2619.907	2570	2620
-10		2570.103	2619.883	2570	2620
0		2570.121	2619.876	2570	2620
10		2570.105	2619.921	2570	2620
20		2570.108	2619.880	2570	2620
30		2570.084	2619.925	2570	2620
40		2570.093	2619.957	2570	2620
50		2570.071	2619.882	2570	2620
20	V min.= 3.46	2570.073	2619.930	2570	2620
20	V max.= 4.26	2570.118	2619.927	2570	2620

LTE Band 41:

QPSK, 20MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	2535.034	2654.966	2535	2655
-20		2535.063	2654.967	2535	2655
-10		2535.084	2654.956	2535	2655
0		2535.043	2654.985	2535	2655
10		2535.069	2654.959	2535	2655
20		2535.093	2654.964	2535	2655
30		2535.076	2654.980	2535	2655
40		2535.015	2654.966	2535	2655
50		2535.083	2654.956	2535	2655
20	V min.= 3.46	2535.067	2654.972	2535	2655
20	V max.= 4.26	2535.095	2654.943	2535	2655

16QAM, 20MHz, low channel& high channel					
Temperature (°C)	Power Supplied (V _{DC})	F _L (MHz)	F _H (MHz)	F _L Limit (MHz)	F _H Limit (MHz)
-30	3.87	2535.057	2654.969	2535	2655
-20		2535.017	2654.941	2535	2655
-10		2535.047	2654.964	2535	2655
0		2535.045	2654.963	2535	2655
10		2535.026	2654.942	2535	2655
20		2535.030	2654.967	2535	2655
30		2535.038	2654.979	2535	2655
40		2535.055	2654.977	2535	2655
50		2535.062	2654.969	2535	2655
20	V min.= 3.46	2535.052	2654.948	2535	2655
20	V max.= 4.26	2535.058	2654.987	2535	2655

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.

******* END OF REPORT *******