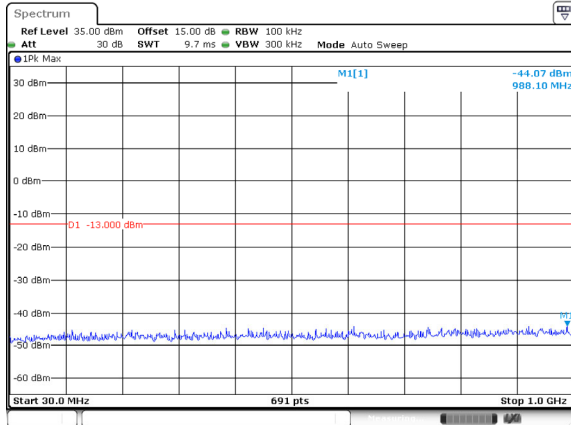


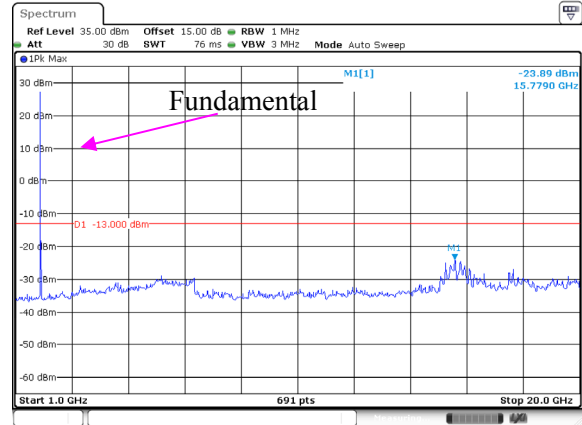
PCS 1900 Band:

30 MHz – 1GHz (GPRS Mode), Low channel



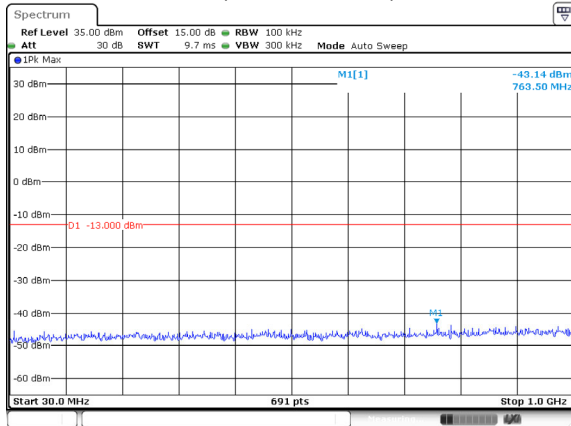
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24 FEB. 2025 13:42:07

1 GHz – 20 GHz (GPRS Mode), Low channel



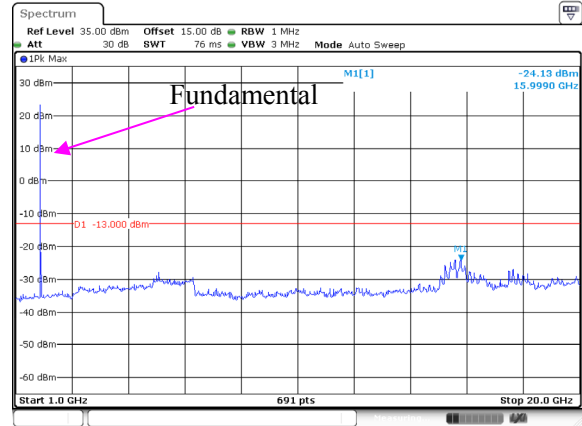
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24 FEB. 2025 13:28:54

30 MHz – 1GHz (EGPRS Mode), Low channel



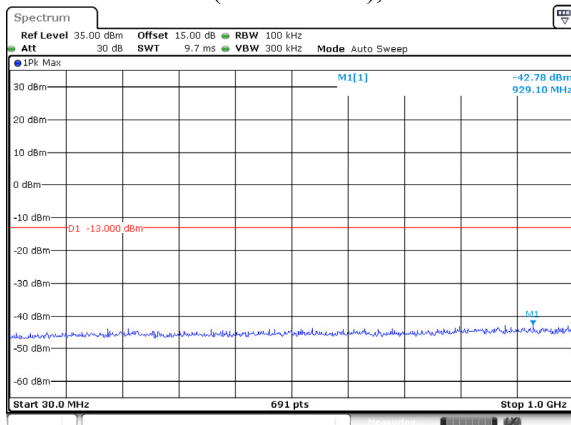
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24 FEB. 2025 13:41:49

1 GHz – 20 GHz (EGPRS Mode), Low channel



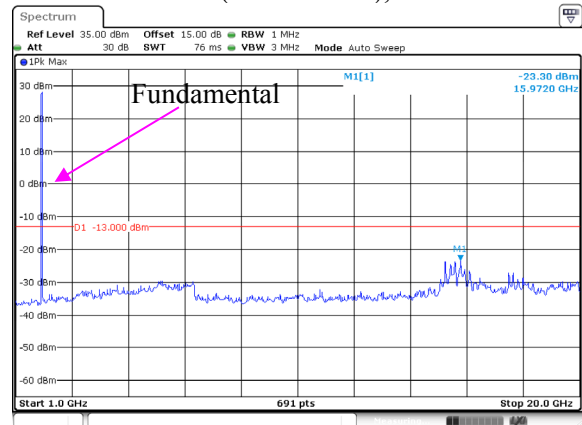
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24 FEB. 2025 13:25:48

30 MHz – 1GHz (GPRS Mode), Middle channel



ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24 FEB. 2025 13:43:07

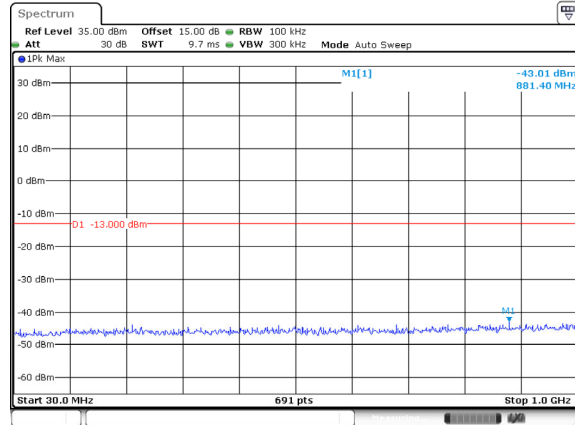
1 GHz – 20 GHz (GPRS Mode), Middle channel



ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24 FEB. 2025 13:27:20

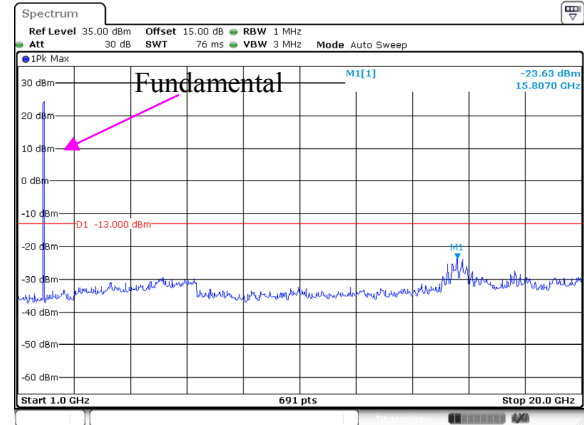
PCS 1900 Band:

30 MHz – 1GHz (EGPRS Mode), Middle channel



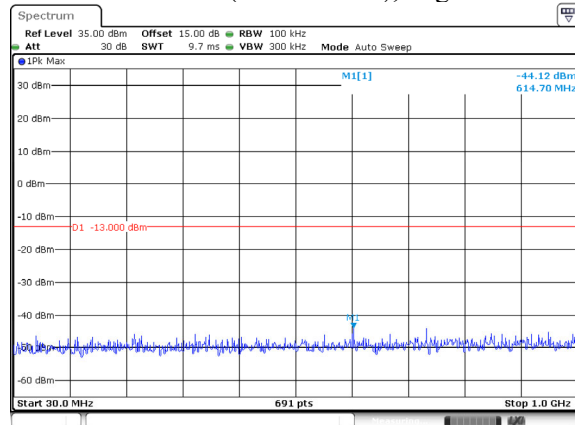
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24.FEB.2025 13:42:24

1 GHz – 20 GHz (EGPRS Mode), Middle channel



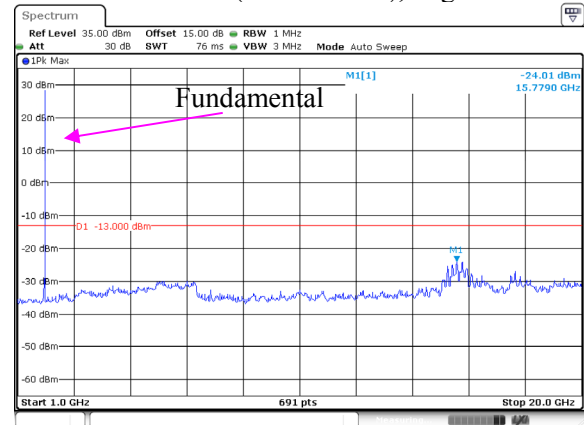
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24.FEB.2025 13:25:07

30 MHz – 1GHz (GPRS Mode), High channel



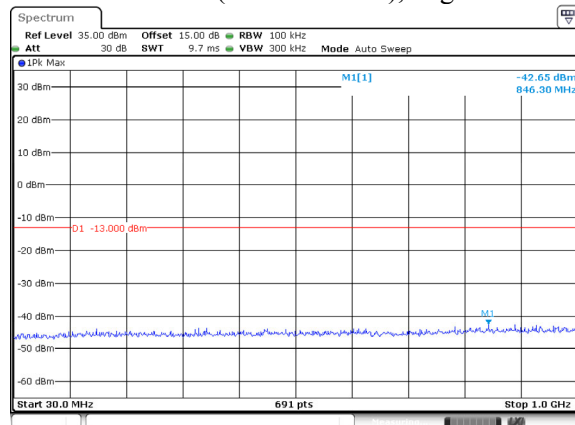
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24.FEB.2025 13:39:48

1 GHz – 20 GHz (GPRS Mode), High channel



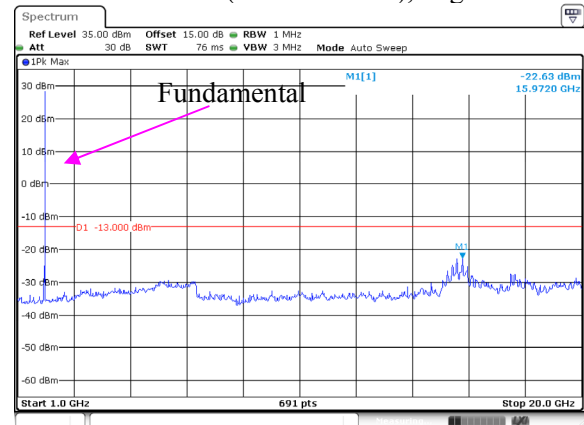
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24.FEB.2025 13:27:45

30 MHz – 1GHz(EGPRS Mode), High channel



ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24.FEB.2025 13:41:03

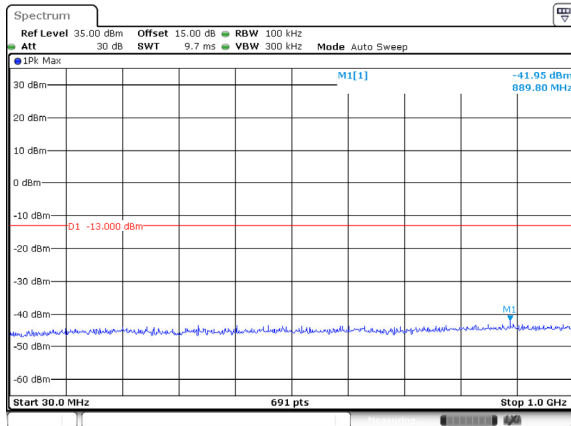
1 GHz – 20 GHz (EGPRS Mode), High channel



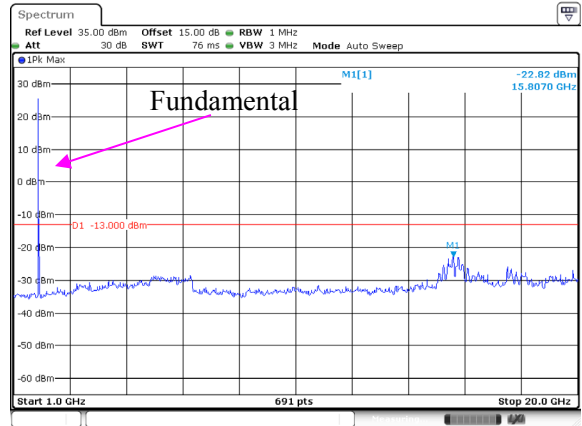
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 24.FEB.2025 13:23:58

WCDMA Band II:

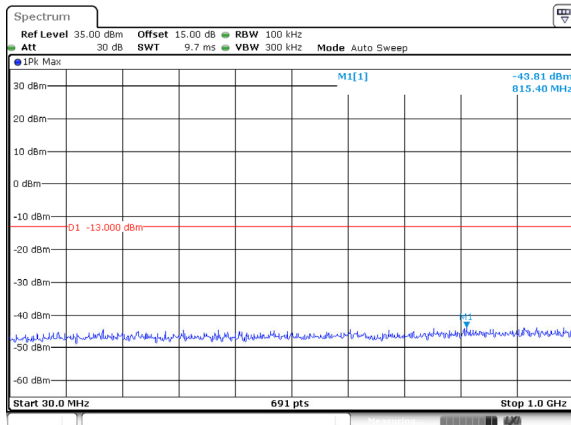
30 MHz – 1GHz WCDMA (Rel 99) Mode, Low channel

ProjectNo. RKSA240808001 Tester:Neil Zhou
Date: 28 FEB.2025 13:38:48

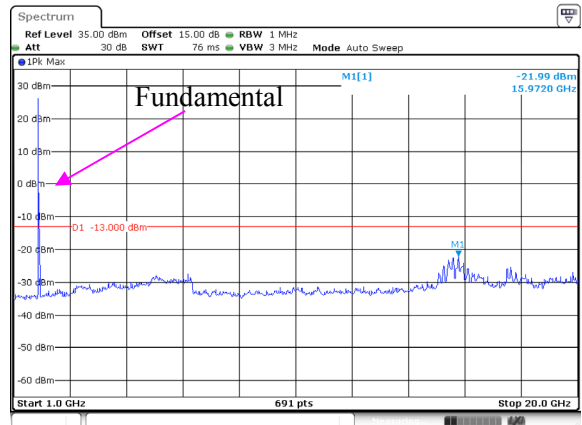
1 GHz – 20 GHz WCDMA (Rel 99) Mode, Low channel

ProjectNo. RKSA240808001 Tester:Neil Zhou
Date: 8 MAY.2025 17:12:53

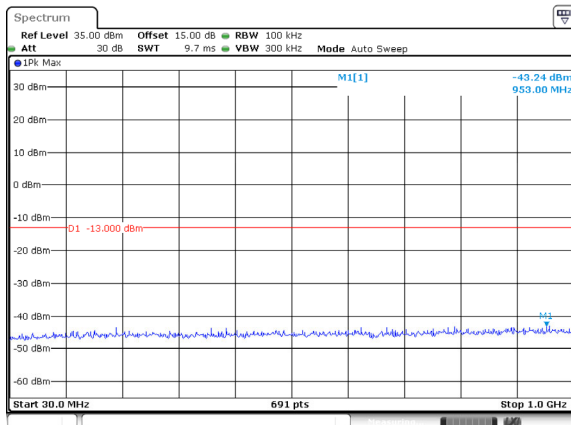
30 MHz – 1GHz WCDMA (HSDPA) Mode, Low channel

ProjectNo. RKSA240808001 Tester:Neil Zhou
Date: 28 FEB.2025 13:40:23

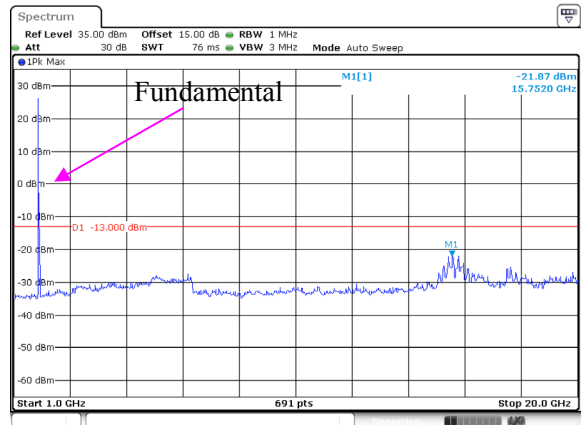
1 GHz – 20 GHz WCDMA (HSDPA) Mode, Low channel

ProjectNo. RKSA240808001 Tester:Neil Zhou
Date: 8 MAY.2025 17:13:18

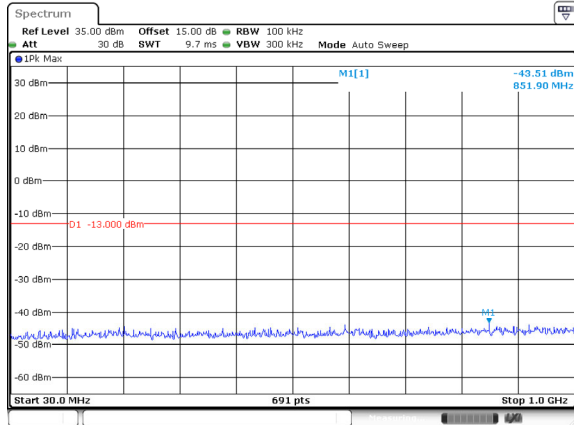
30 MHz – 1GHz WCDMA (HSUPA) Mode, Low channel

ProjectNo. RKSA240808001 Tester:Neil Zhou
Date: 28 FEB.2025 13:41:10

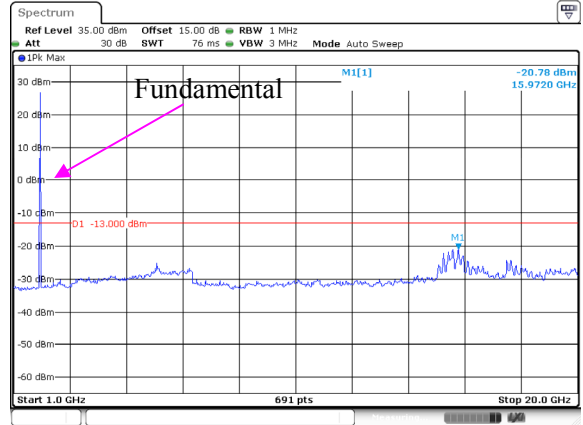
1 GHz – 20 GHz WCDMA (HSUPA) Mode, Low channel

ProjectNo. RKSA240808001 Tester:Neil Zhou
Date: 8 MAY.2025 17:13:35

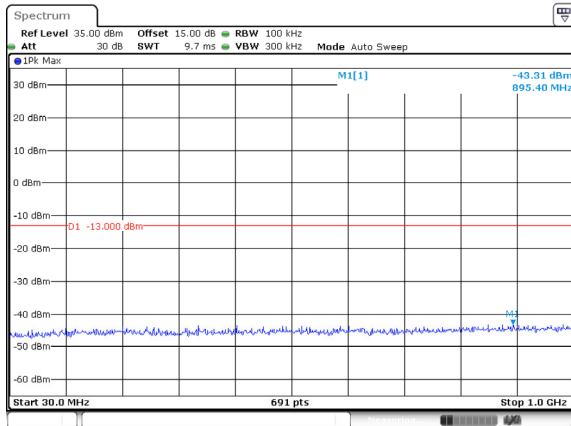
30 MHz – 1GHz WCDMA (HSPA+) Mode, Low channel



1 GHz – 20 GHz WCDMA (HSPA+) Mode, Low channel

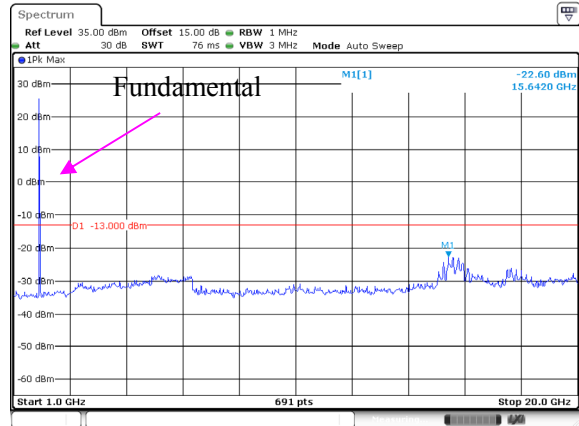


30 MHz – 1GHz WCDMA (Rel 99) Mode, Middle channel



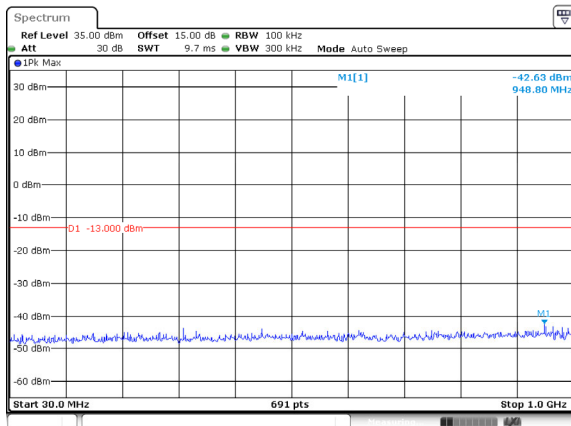
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:38:29

1 GHz – 20 GHz WCDMA (Rel 99) Mode, Middle channel



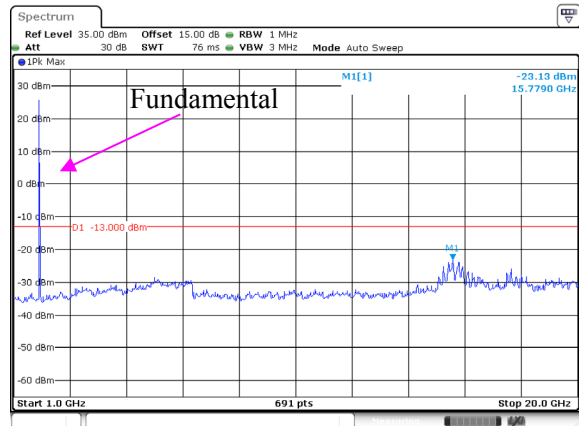
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 8 MAY. 2025 17:15:00

30 MHz – 1GHz WCDMA (HSDPA) Mode, Middle channel



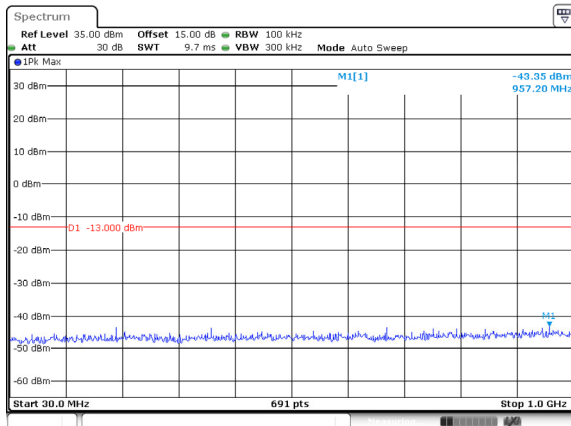
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:39:42

1 GHz – 20 GHz WCDMA (HSDPA) Mode, Middle channel



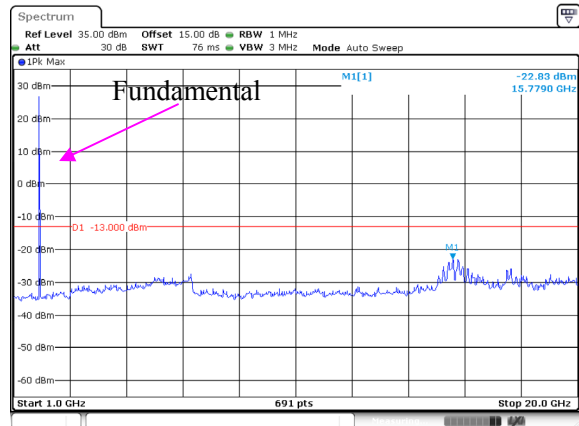
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 8 MAY. 2025 17:15:22

30 MHz – 1GHz WCDMA (HSUPA) Mode, Middle channel



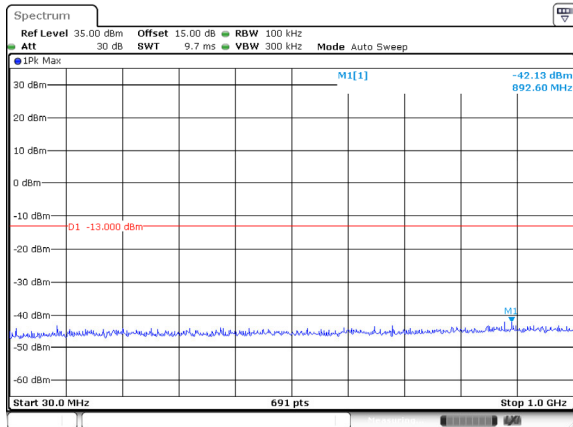
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:40:56

1 GHz – 20 GHz WCDMA (HSUPA) Mode, Middle channel



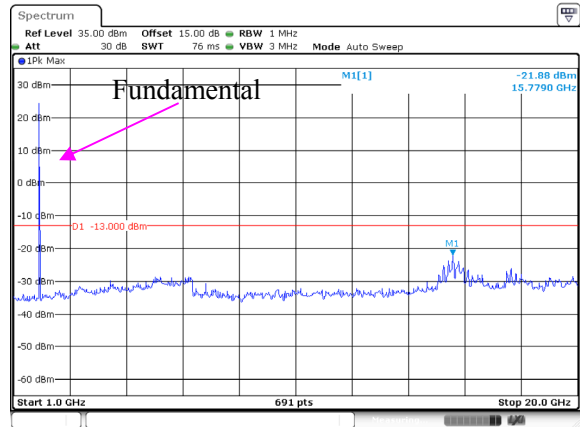
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 8 MAY. 2025 17:15:33

30 MHz – 1GHz WCDMA (HSPA+) Mode, Middle channel



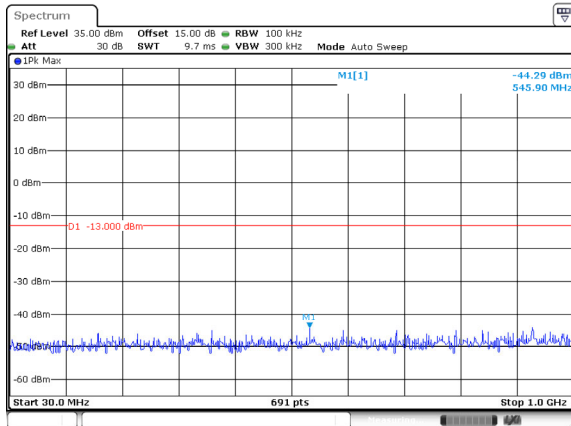
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28 FEB.2025 13:42:08

1 GHz – 20 GHz WCDMA (HSPA+) Mode, Middle channel



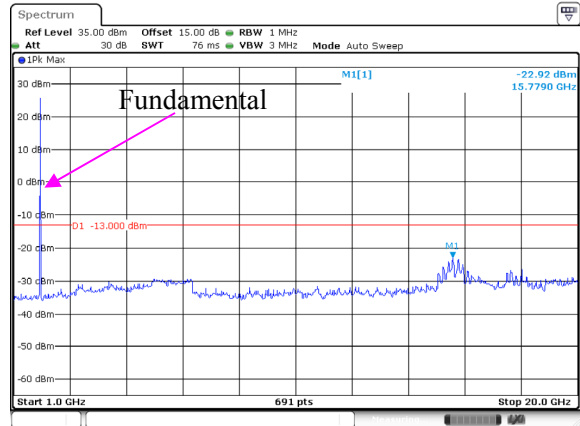
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 8 MAY 2025 17:15:50

30 MHz – 1GHz WCDMA (Rel 99) Mode, High channel



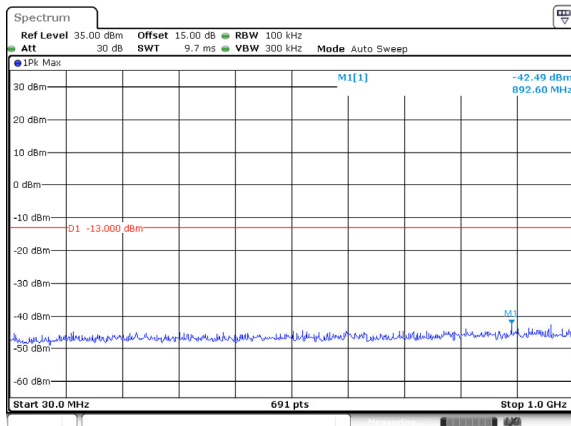
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:38:06

1 GHz – 20 GHz WCDMA (Rel 99) Mode, High channel



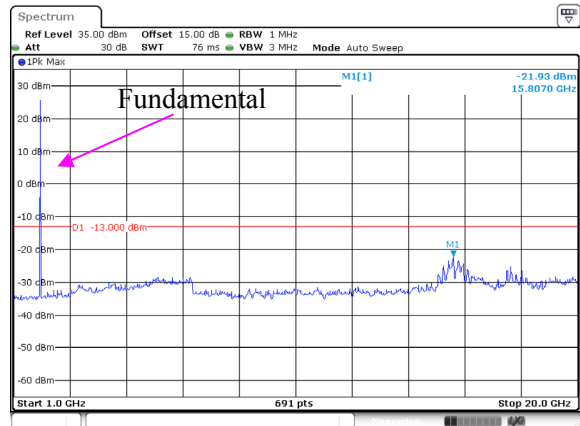
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 8 MAY. 2025 17:16:34

30 MHz – 1GHz WCDMA (HSDPA) Mode, High channel



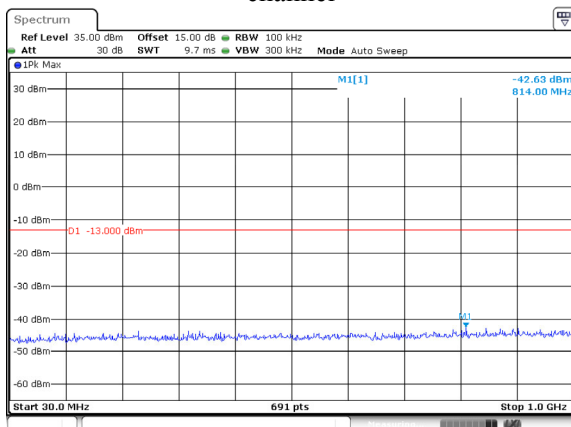
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:40:09

1 GHz – 20 GHz WCDMA (HSDPA) Mode, High channel



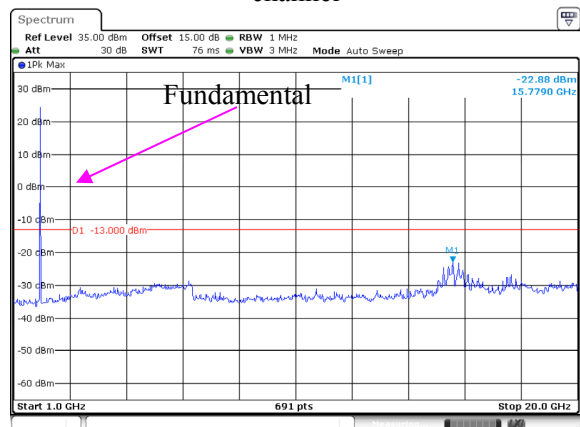
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 8 MAY. 2025 17:16:48

30 MHz – 1GHz WCDMA (HSUPA) Mode, High channel



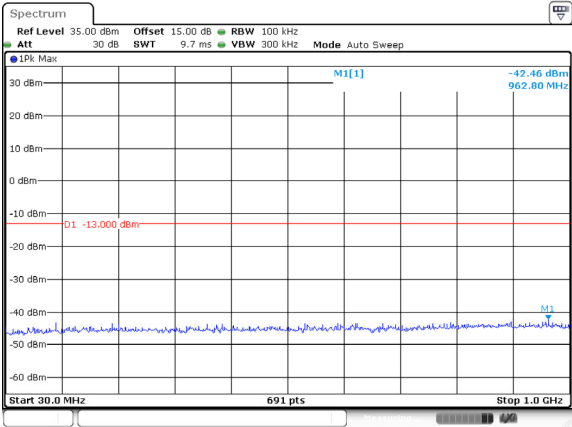
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:40:41

1 GHz – 20GHz WCDMA (HSUPA) Mode, High channel



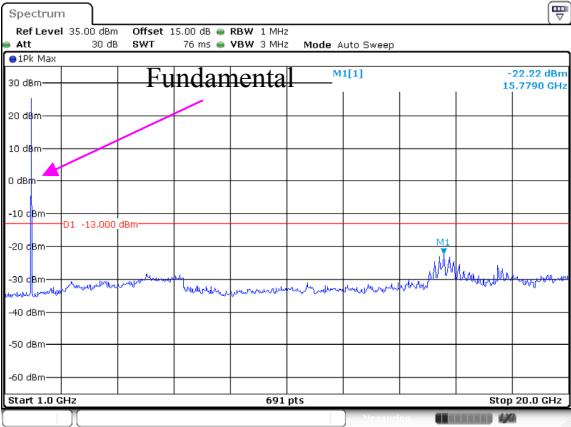
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 8 MAY. 2025 17:17:06

30 MHz – 1GHz WCDMA (HSPA+) Mode, High channel



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:41:34

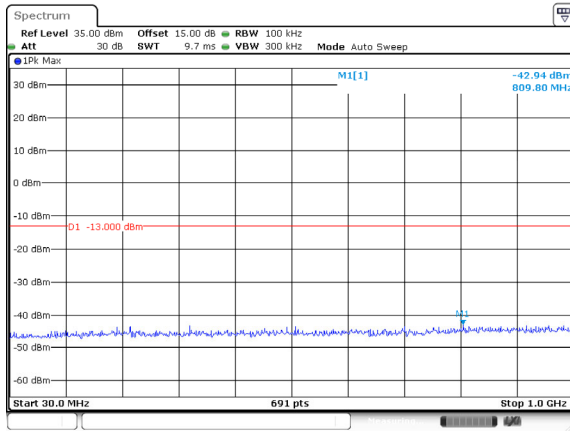
1 GHz – 20 GHz WCDMA (HSPA+) Mode, High channel



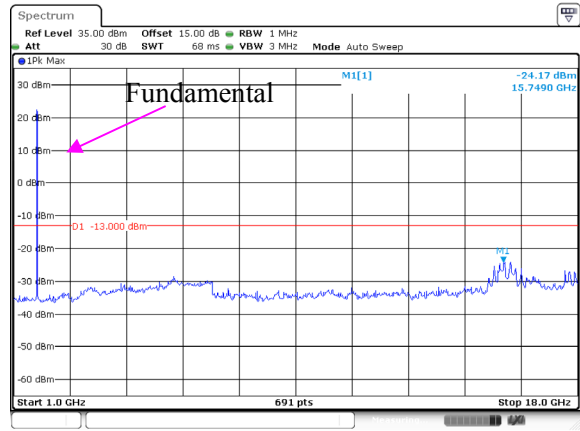
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 8.MAY.2025 17:17:19

WCDMA Band IV:

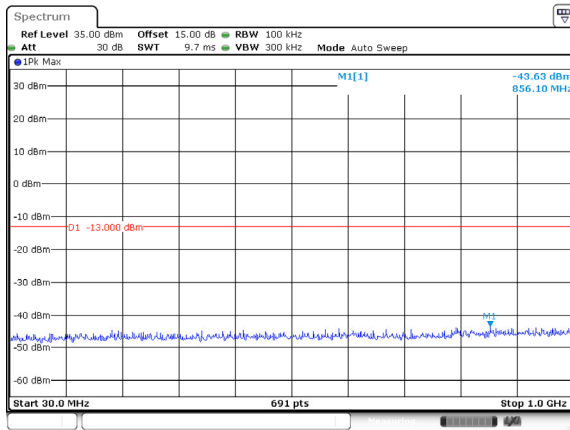
30 MHz – 1GHz WCDMA (Rel 99) Mode, Low channel



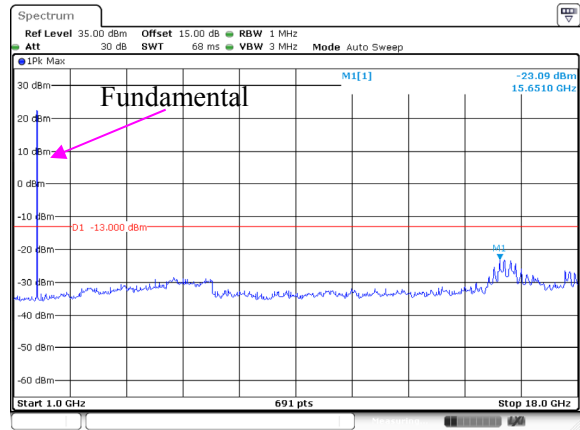
1 GHz – 18 GHz WCDMA (Rel 99) Mode, Low channel



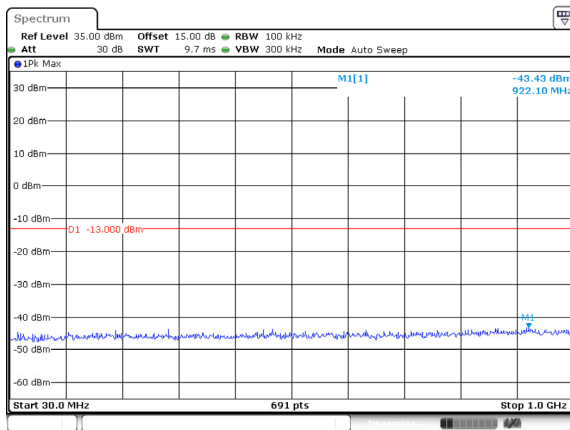
30 MHz – 1GHz WCDMA (HSDPA) Mode, Low channel



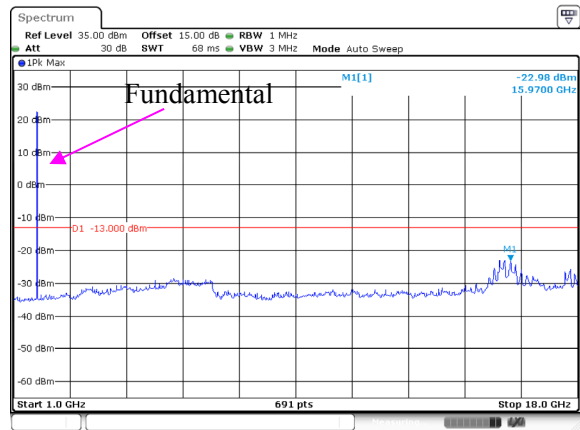
1 GHz – 18 GHz WCDMA (HSDPA) Mode, Low channel



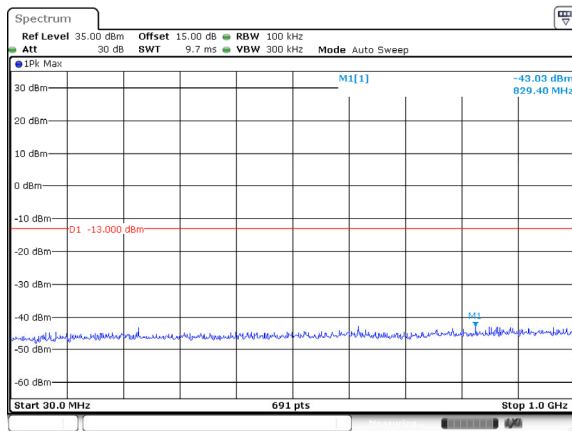
30 MHz – 1GHz WCDMA (HSUPA) Mode, Low channel



1 GHz – 18 GHz WCDMA (HSUPA) Mode, Low channel

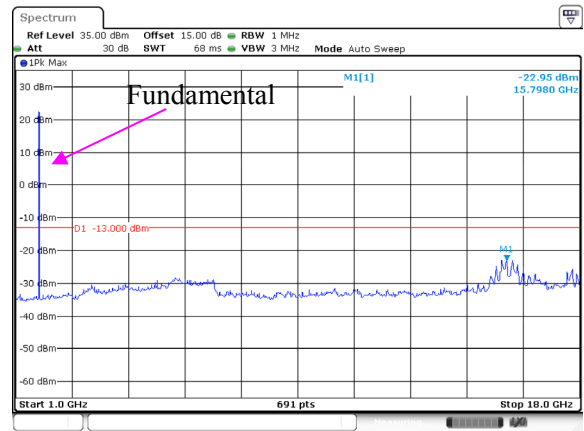


30 MHz – 1GHz WCDMA (HSPA+) Mode, Low channel



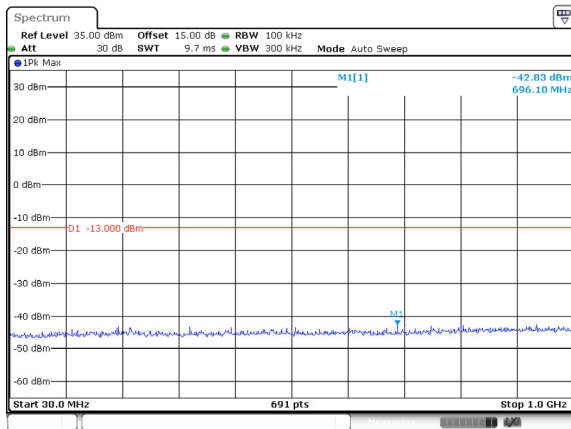
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:45:14

1 GHz – 18 GHz WCDMA (HSPA+) Mode, Low channel



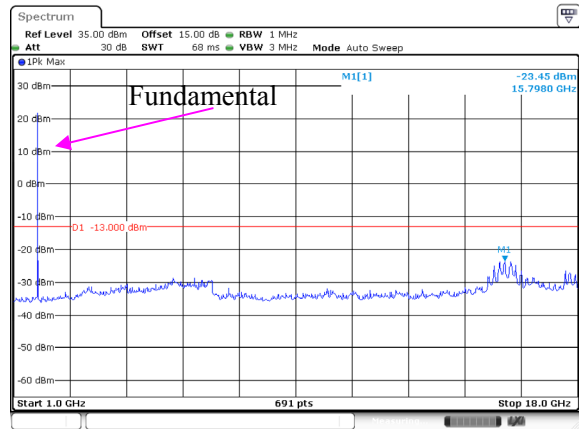
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28 FEB. 2025 13:13:55

30 MHz – 1GHz WCDMA (Rel 99) Mode, Middle channel



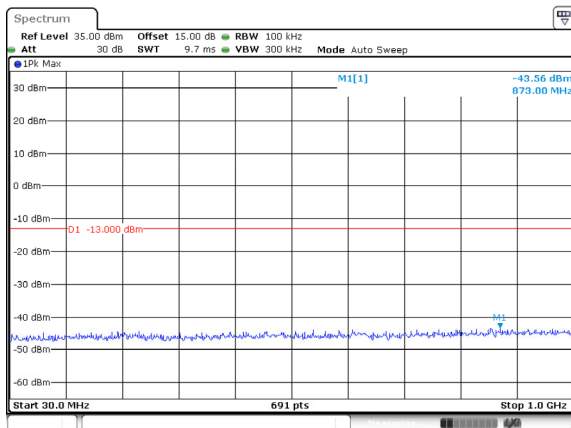
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:43:09

1 GHz – 18 GHz WCDMA (Rel 99) Mode, Middle channel



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:22:29

30 MHz – 1GHz WCDMA (HSDPA) Mode, Middle channel



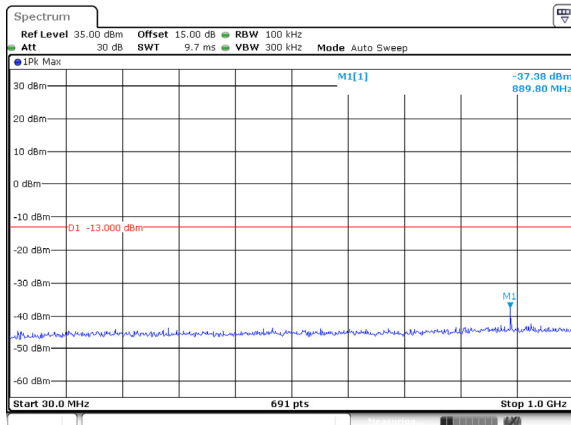
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:43:34

1 GHz – 18 GHz WCDMA (HSDPA) Mode, Middle channel



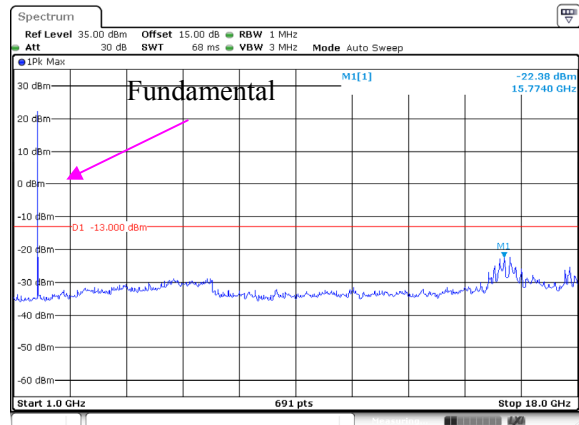
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:22:59

30 MHz – 1GHz WCDMA (HSUPA) Mode, Middle channel



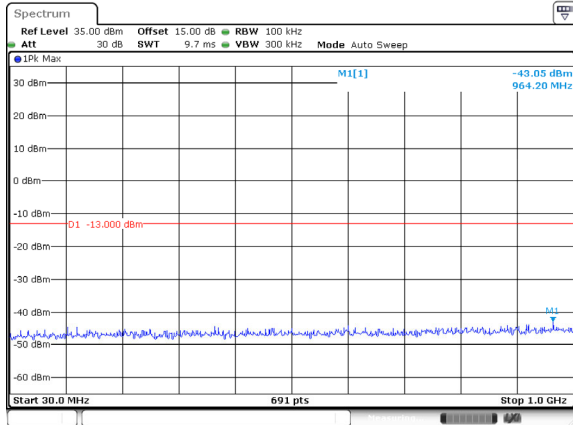
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:44:44

1 GHz – 18 GHz WCDMA (HSUPA) Mode, Middle channel



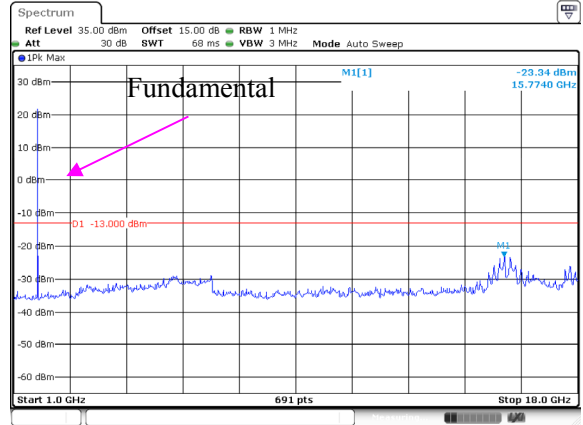
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:23:19

30 MHz – 1GHz WCDMA (HSPA+) Mode, Middle channel



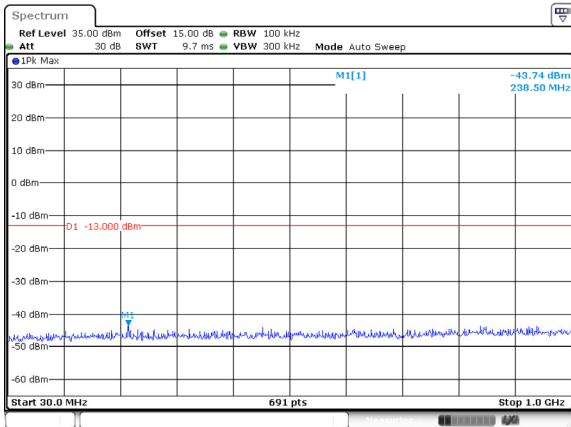
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:45:30

1 GHz – 18 GHz WCDMA (HSPA+) Mode, Middle channel



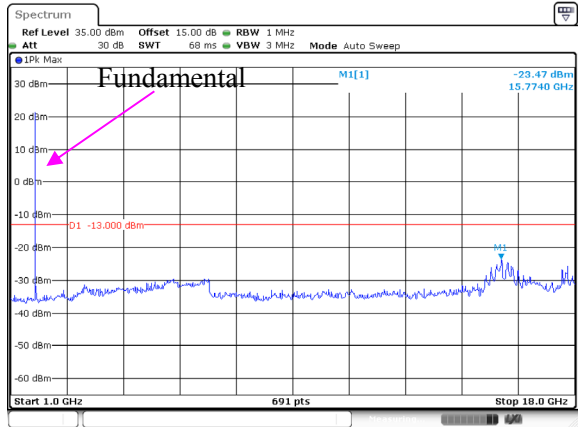
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:23:52

30 MHz – 1GHz WCDMA (Rel 99) Mode, High channel



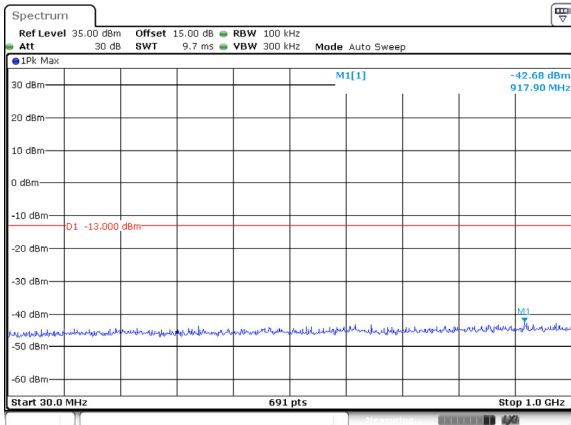
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28.FEB.2025 13:42:30

1 GHz – 18 GHz WCDMA (Rel 99) Mode, High channel



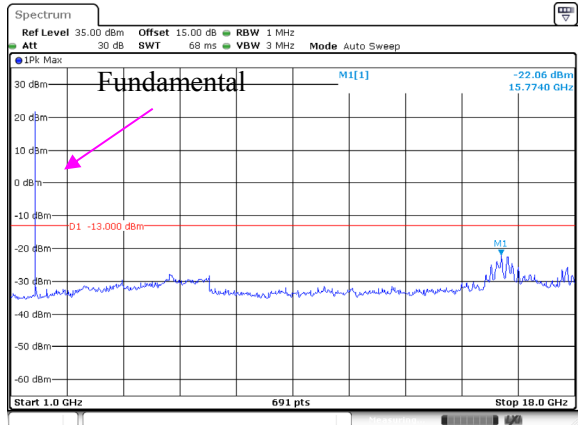
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28.FEB.2025 11:39:45

30 MHz – 1GHz WCDMA (HSDPA) Mode, High channel



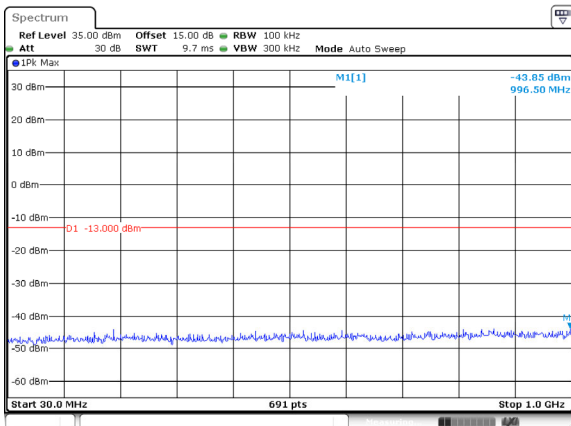
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28.FEB.2025 13:43:46

1 GHz – 18 GHz WCDMA (HSDPA) Mode, High channel



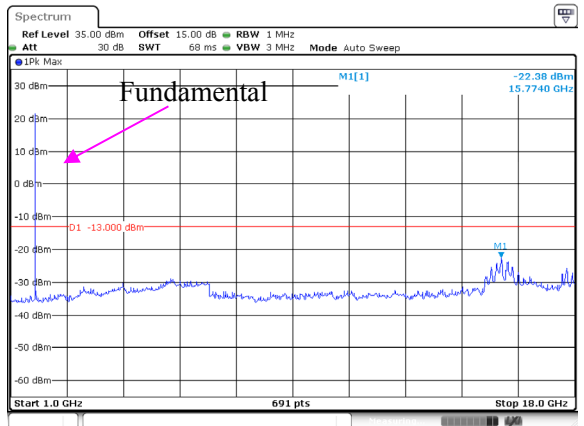
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28.FEB.2025 11:40:43

30 MHz – 1GHz WCDMA (HSUPA) Mode, High channel



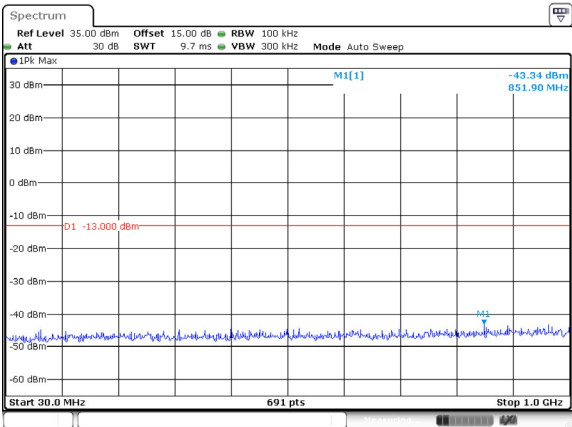
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28.FEB.2025 13:44:11

1 GHz – 18 GHz WCDMA (HSUPA) Mode, High channel



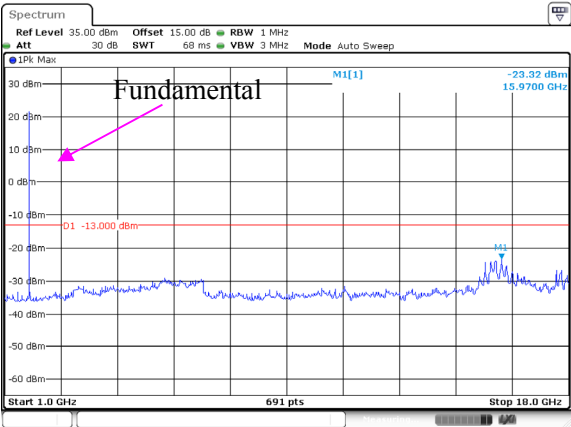
ProjectNo.: RKSA240808001 Tester: Neil Zhou
Date: 28.FEB.2025 11:41:20

30 MHz – 1GHz WCDMA (HSPA+) Mode, High channel



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 13:45:05

1 GHz – 18 GHz WCDMA (HSPA+) Mode, High channel



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 11:41:47

SPURIOUS RADIATED EMISSIONS**Environmental Conditions & Test Information**

Test Date:	2025-02-19 to 2025-02-26
Temperature:	17.3-24.1 °C
Relative Humidity:	47-51 %
ATM Pressure:	102.5-103.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test mode: Transmitting (Pre-scan with all the bandwidth, and worst case as below)

30 MHz - 10 GHz:

GPRS 850 Band

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
GPRS Mode, Low channel										
151.13	53.80	83	200	H	-50.97	0.37	-6.10	-57.44	-13	44.44
151.13	48.92	295	150	V	-51.84	0.37	-6.10	-58.31	-13	45.31
1648.40	55.01	163	100	H	-58.34	0.84	8.44	-50.74	-13	37.74
1648.40	54.34	84	150	V	-59.01	0.84	8.44	-51.41	-13	38.41
GPRS Mode, Middle channel										
151.13	53.32	259	100	H	-51.45	0.37	-6.10	-57.92	-13	44.92
151.13	48.40	57	150	V	-52.36	0.37	-6.10	-58.83	-13	45.83
1673.20	54.53	299	150	H	-58.64	0.84	8.48	-51.00	-13	38.00
1673.20	53.74	76	150	V	-59.43	0.84	8.48	-51.79	-13	38.79
GPRS Mode, High channel										
151.13	57.91	82	150	H	-46.86	0.37	-6.10	-53.33	-13	40.33
151.13	52.98	133	200	V	-47.78	0.37	-6.10	-54.25	-13	41.25
1697.60	54.77	218	200	H	-58.23	0.84	8.52	-50.55	-13	37.55
1697.60	53.69	275	200	V	-59.31	0.84	8.52	-51.63	-13	38.63

WCDMA Band V

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
WCDMA Mode, Low channel										
149.07	39.75	98	150	H	-65.05	0.37	6.15	-59.27	-13	46.27
149.07	35.89	128	100	V	-64.73	0.37	6.15	-58.95	-13	45.95
1652.80	64.48	52	100	H	-48.83	0.84	8.44	-41.23	-13	28.23
1652.80	63.62	34	150	V	-49.69	0.84	8.44	-42.09	-13	29.09
WCDMA Mode, Middle channel										
149.07	39.75	187	150	H	-65.05	0.37	6.15	-59.27	-13	46.27
149.07	36.41	338	100	V	-64.21	0.37	6.15	-58.43	-13	45.43
1673.20	63.94	65	200	H	-49.23	0.84	8.48	-41.59	-13	28.59
1673.20	63.16	75	200	V	-50.01	0.84	8.48	-42.37	-13	29.37
WCDMA Mode, High channel										
149.07	39.45	330	150	H	-65.35	0.37	6.15	-59.57	-13	46.57
149.07	36.48	113	200	V	-64.14	0.37	6.15	-58.36	-13	45.36
1693.20	63.74	234	200	H	-49.29	0.84	8.51	-41.62	-13	28.62
1693.20	63.12	183	150	V	-49.91	0.84	8.51	-42.24	-13	29.24

30 MHz ~ 20 GHz:**PCS 1900 Band**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
GPRS Mode, Low channel										
149.25	52.28	228	100	H	-52.51	0.37	-6.15	-59.03	-13	46.03
149.25	49.01	132	150	V	-51.62	0.37	-6.15	-58.14	-13	45.14
3700.40	51.94	279	100	H	-55.03	0.95	9.78	-46.20	-13	33.20
3700.40	52.77	124	100	V	-54.20	0.95	9.78	-45.37	-13	32.37
GPRS Mode, Middle channel										
149.25	52.14	64	150	H	-52.65	0.37	-6.15	-59.17	-13	46.17
149.25	48.76	355	100	V	-51.87	0.37	-6.15	-58.39	-13	45.39
3760.00	51.73	116	150	H	-55.05	0.95	9.74	-46.26	-13	33.26
3760.00	52.44	149	200	V	-54.34	0.95	9.74	-45.55	-13	32.55
GPRS Mode, High channel										
149.25	52.09	338	150	H	-52.70	0.37	-6.15	-59.22	-13	46.22
149.25	48.62	209	150	V	-52.01	0.37	-6.15	-58.53	-13	45.53
3819.60	51.47	322	200	H	-55.12	0.96	9.71	-46.37	-13	33.37
3819.60	52.21	30	150	V	-54.38	0.96	9.71	-45.63	-13	32.63

WCDMA Band II

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
WCDMA Mode, Low channel										
155.25	51.69	310	150	H	-53.15	0.38	-5.92	-59.45	-13	46.45
155.25	48.86	123	150	V	-52.26	0.38	-5.92	-58.56	-13	45.56
3704.80	47.71	30	200	H	-59.24	0.95	9.78	-50.41	-13	37.41
3704.80	46.76	21	100	V	-60.19	0.95	9.78	-51.36	-13	38.36
WCDMA Mode, Middle channel										
155.25	51.55	39	200	H	-53.29	0.38	-5.92	-59.59	-13	46.59
155.25	48.66	241	200	V	-52.46	0.38	-5.92	-58.76	-13	45.76
3760.00	47.44	205	100	H	-59.34	0.95	9.74	-50.55	-13	37.55
3760.00	46.71	32	150	V	-60.07	0.95	9.74	-51.28	-13	38.28
WCDMA Mode, High channel										
155.25	51.61	23	100	H	-53.23	0.38	-5.92	-59.53	-13	46.53
155.25	48.65	2	200	V	-52.47	0.38	-5.92	-58.77	-13	45.77
3815.20	47.38	350	200	H	-59.22	0.96	9.71	-50.47	-13	37.47
3815.20	46.54	85	200	V	-60.06	0.96	9.71	-51.31	-13	38.31

WCDMA Band IV

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
Low channel										
151.36	52.70	319	200	H	-52.07	0.37	-6.09	-58.53	-13	45.53
151.36	49.60	299	150	V	-51.18	0.37	-6.09	-57.64	-13	44.64
3424.80	48.58	83	200	H	-59.34	0.93	9.82	-50.45	-13	37.45
3424.80	47.86	15	200	V	-60.06	0.93	9.82	-51.17	-13	38.17
Middle channel										
151.36	52.51	292	100	H	-52.26	0.37	-6.09	-58.72	-13	45.72
151.36	49.74	190	100	V	-51.04	0.37	-6.09	-57.50	-13	44.50
3465.20	48.13	194	150	H	-59.62	0.93	9.87	-50.68	-13	37.68
3465.20	47.58	293	150	V	-60.17	0.93	9.87	-51.23	-13	38.23
High channel										
151.36	53.06	60	150	H	-51.71	0.37	-6.09	-58.17	-13	45.17
151.36	49.85	208	200	V	-50.93	0.37	-6.09	-57.39	-13	44.39
3505.20	48.16	347	200	H	-59.42	0.93	9.91	-50.44	-13	37.44
3505.20	47.46	349	150	V	-60.12	0.93	9.91	-51.14	-13	38.14

Test mode: Transmitting (Pre-scan with 1RB of all the bandwidth, and worst case as below)

30 MHz ~ 10 GHz:

LTE Band 5:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
206.66	53.21	241	150	H	-51.86	0.42	-3.72	-56.00	-13	43.00
206.66	52.28	222	200	V	-53.42	0.42	-3.72	-57.56	-13	44.56
1649.40	59.23	119	100	H	-54.11	0.84	8.44	-46.51	-13	33.51
1649.40	58.41	215	100	V	-54.93	0.84	8.44	-47.33	-13	34.33
16-QAM 1.4MHz Bandwidth Low Channel										
206.66	52.83	350	100	H	-52.24	0.42	-3.72	-56.38	-13	43.38
206.66	52.23	123	200	V	-53.47	0.42	-3.72	-57.61	-13	44.61
1649.40	59.51	236	150	H	-53.83	0.84	8.44	-46.23	-13	33.23
1649.40	58.03	134	200	V	-55.31	0.84	8.44	-47.71	-13	34.71
QPSK 1.4MHz Bandwidth Middle Channel										
206.66	52.48	260	200	H	-52.59	0.42	-3.72	-56.73	-13	43.73
206.66	52.35	185	100	V	-53.35	0.42	-3.72	-57.49	-13	44.49
1673.00	58.66	302	200	H	-54.51	0.84	8.48	-46.87	-13	33.87
1673.00	58.01	162	150	V	-55.16	0.84	8.48	-47.52	-13	34.52
16-QAM 1.4MHz Bandwidth Middle Channel										
206.66	52.45	13	100	H	-52.62	0.42	-3.72	-56.76	-13	43.76
206.66	52.32	148	150	V	-53.38	0.42	-3.72	-57.52	-13	44.52
1673.00	58.39	28	100	H	-54.78	0.84	8.48	-47.14	-13	34.14
1673.00	57.67	66	100	V	-55.50	0.84	8.48	-47.86	-13	34.86
QPSK 1.4MHz Bandwidth High Channel										
206.66	52.15	96	150	H	-52.92	0.42	-3.72	-57.06	-13	44.06
206.66	52.02	47	100	V	-53.68	0.42	-3.72	-57.82	-13	44.82
1696.60	58.59	246	100	H	-54.42	0.84	8.52	-46.74	-13	33.74
1696.60	58.04	343	150	V	-54.97	0.84	8.52	-47.29	-13	34.29
16-QAM 1.4MHz Bandwidth High Channel										
206.66	52.05	264	200	H	-53.02	0.42	-3.72	-57.16	-13	44.16
206.66	51.94	283	200	V	-53.76	0.42	-3.72	-57.90	-13	44.90
1696.60	58.21	73	200	H	-54.80	0.84	8.52	-47.12	-13	34.12
1696.60	57.53	167	200	V	-55.48	0.84	8.52	-47.80	-13	34.80

LTE Band 12:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
151.00	51.23	259	150	H	-53.54	0.37	-6.11	-60.02	-13	47.02
151.00	48.44	77	200	V	-52.31	0.37	-6.11	-58.79	-13	45.79
1399.40	48.82	92	150	H	-65.35	0.82	7.92	-58.25	-13	45.25
1399.40	49.30	105	150	V	-64.87	0.82	7.92	-57.77	-13	44.77
16-QAM 1.4MHz Bandwidth Low Channel										
151.00	51.08	164	100	H	-53.69	0.37	-6.11	-60.17	-13	47.17
151.00	48.38	244	150	V	-52.37	0.37	-6.11	-58.85	-13	45.85
1399.40	48.77	103	200	H	-65.40	0.82	7.92	-58.30	-13	45.30
1399.40	49.17	224	100	V	-65.00	0.82	7.92	-57.90	-13	44.90
QPSK 1.4MHz Bandwidth Middle Channel										
151.00	51.58	56	200	H	-53.19	0.37	-6.11	-59.67	-13	46.67
151.00	48.89	48	200	V	-51.86	0.37	-6.11	-58.34	-13	45.34
1415.00	48.79	141	100	H	-65.41	0.82	7.96	-58.27	-13	45.27
1415.00	49.48	0	200	V	-64.72	0.82	7.96	-57.58	-13	44.58
16-QAM 1.4MHz Bandwidth Middle Channel										
151.00	51.41	105	100	H	-53.36	0.37	-6.11	-59.84	-13	46.84
151.00	48.46	96	150	V	-52.29	0.37	-6.11	-58.77	-13	45.77
1415.00	48.67	78	100	H	-65.53	0.82	7.96	-58.39	-13	45.39
1415.00	49.42	299	150	V	-64.78	0.82	7.96	-57.64	-13	44.64
QPSK 1.4MHz Bandwidth High Channel										
151.00	51.56	253	150	H	-53.21	0.37	-6.11	-59.69	-13	46.69
151.00	48.52	124	150	V	-52.23	0.37	-6.11	-58.71	-13	45.71
1430.60	48.64	17	150	H	-65.59	0.82	8.01	-58.40	-13	45.40
1430.60	49.25	224	200	V	-64.98	0.82	8.01	-57.79	-13	44.79
16-QAM 1.4MHz Bandwidth High Channel										
151.00	51.50	330	150	H	-53.27	0.37	-6.11	-59.75	-13	46.75
151.00	48.77	92	100	V	-51.98	0.37	-6.11	-58.46	-13	45.46
1430.60	48.65	240	100	H	-65.58	0.82	8.01	-58.39	-13	45.39
1430.60	49.23	167	200	V	-65.00	0.82	8.01	-57.81	-13	44.81

LTE Band 13:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
149.79	54.02	65	100	H	-50.74	0.37	-6.15	-57.26	-13	44.26
149.79	50.52	307	150	V	-50.13	0.37	-6.15	-56.65	-13	43.65
1559.00	58.38	208	200	H	-55.58	0.83	8.29	-48.12	-40	8.12
1559.00	57.66	1	200	V	-56.30	0.83	8.29	-48.84	-40	8.84
16-QAM 5MHz Bandwidth Low Channel										
149.79	53.96	114	100	H	-50.80	0.37	-6.15	-57.32	-13	44.32
149.79	50.47	37	100	V	-50.18	0.37	-6.15	-56.70	-13	43.70
1559.00	58.31	55	150	H	-55.65	0.83	8.29	-48.19	-40	8.19
1559.00	57.68	296	200	V	-56.28	0.83	8.29	-48.82	-40	8.82
QPSK 5MHz Bandwidth High Channel										
149.79	54.18	312	100	H	-50.58	0.37	-6.15	-57.10	-13	44.10
149.79	50.81	316	100	V	-49.84	0.37	-6.15	-56.36	-13	43.36
1569.00	58.05	302	150	H	-55.84	0.83	8.31	-48.36	-40	8.36
1569.00	57.37	266	200	V	-56.52	0.83	8.31	-49.04	-40	9.04
16-QAM 5MHz Bandwidth High Channel										
149.79	54.04	120	200	H	-50.72	0.37	-6.15	-57.24	-13	44.24
149.79	50.65	218	200	V	-50.00	0.37	-6.15	-56.52	-13	43.52
1569.00	57.99	293	200	H	-55.90	0.83	8.31	-48.42	-40	8.42
1569.00	57.11	354	100	V	-56.78	0.83	8.31	-49.30	-40	9.30

LTE Band 17:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
149.92	51.51	228	200	H	-53.24	0.37	-6.15	-59.76	-13	46.76
149.92	48.33	106	150	V	-52.33	0.37	-6.15	-58.85	-13	45.85
1413.00	47.81	230	100	H	-66.39	0.82	7.96	-59.25	-13	46.25
1413.00	48.53	344	100	V	-65.67	0.82	7.96	-58.53	-13	45.53
2119.50	52.35	33	100	H	-58.62	0.86	9.26	-50.22	-13	37.22
2119.50	53.24	23	200	V	-57.73	0.86	9.26	-49.33	-13	36.33
16-QAM 5MHz Bandwidth Low Channel										
149.92	51.39	321	150	H	-53.36	0.37	-6.15	-59.88	-13	46.88
149.92	48.05	116	150	V	-52.61	0.37	-6.15	-59.13	-13	46.13
1413.00	47.87	273	200	H	-66.33	0.82	7.96	-59.19	-13	46.19
1413.00	48.45	200	100	V	-65.75	0.82	7.96	-58.61	-13	45.61
2119.50	52.34	339	150	H	-58.63	0.86	9.26	-50.23	-13	37.23
2119.50	53.01	337	150	V	-57.96	0.86	9.26	-49.56	-13	36.56
QPSK 5MHz Bandwidth Middle Channel										
149.92	51.48	14	200	H	-53.27	0.37	-6.15	-59.79	-13	46.79
149.92	47.80	251	200	V	-52.86	0.37	-6.15	-59.38	-13	46.38
1420.00	47.83	115	150	H	-66.38	0.82	7.98	-59.22	-13	46.22
1420.00	48.26	1	200	V	-65.95	0.82	7.98	-58.79	-13	45.79
2130.00	52.22	296	200	H	-58.76	0.86	9.29	-50.33	-13	37.33
2130.00	52.74	176	100	V	-58.24	0.86	9.29	-49.81	-13	36.81
16-QAM 5MHz Bandwidth Middle Channel										
149.92	51.17	100	150	H	-53.58	0.37	-6.15	-60.10	-13	47.10
149.92	47.92	349	150	V	-52.74	0.37	-6.15	-59.26	-13	46.26
1420.00	48.06	260	100	H	-66.15	0.82	7.98	-58.99	-13	45.99
1420.00	48.60	5	150	V	-65.61	0.82	7.98	-58.45	-13	45.45
2130.00	52.35	317	100	H	-58.63	0.86	9.29	-50.20	-13	37.20
2130.00	52.93	48	150	V	-58.05	0.86	9.29	-49.62	-13	36.62
QPSK 5MHz Bandwidth High Channel										
149.92	51.66	264	100	H	-53.09	0.37	-6.15	-59.61	-13	46.61
149.92	48.03	69	200	V	-52.63	0.37	-6.15	-59.15	-13	46.15
1427.00	47.64	314	100	H	-66.58	0.82	8.00	-59.40	-13	46.40
1427.00	48.59	29	150	V	-65.63	0.82	8.00	-58.45	-13	45.45
2140.50	52.48	115	200	H	-58.50	0.86	9.31	-50.05	-13	37.05
2140.50	53.06	338	200	V	-57.92	0.86	9.31	-49.47	-13	36.47
16-QAM 5MHz Bandwidth High Channel										
149.92	51.30	66	100	H	-53.45	0.37	-6.15	-59.97	-13	46.97
149.92	47.91	161	150	V	-52.75	0.37	-6.15	-59.27	-13	46.27
1427.00	46.89	84	150	H	-67.33	0.82	8.00	-60.15	-13	47.15
1427.00	47.74	293	100	V	-66.48	0.82	8.00	-59.30	-13	46.30
2140.50	52.02	126	100	H	-58.96	0.86	9.31	-50.51	-13	37.51
2140.50	52.89	58	100	V	-58.09	0.86	9.31	-49.64	-13	36.64

LTE Band 26(814MHz~824MHz)

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
151.61	51.30	152	100	H	-53.48	0.37	-6.08	-59.93	-13	46.93
151.61	48.42	189	100	V	-52.38	0.37	-6.08	-58.83	-13	45.83
1629.40	61.95	289	200	H	-51.52	0.84	8.41	-43.95	-13	30.95
1629.40	61.68	148	100	V	-51.79	0.84	8.41	-44.22	-13	31.22
16-QAM 1.4MHz Bandwidth Low Channel										
151.61	51.44	282	200	H	-53.34	0.37	-6.08	-59.79	-13	46.79
151.61	48.33	253	200	V	-52.47	0.37	-6.08	-58.92	-13	45.92
1629.40	61.93	121	100	H	-51.54	0.84	8.41	-43.97	-13	30.97
1629.40	61.59	273	150	V	-51.88	0.84	8.41	-44.31	-13	31.31
QPSK 1.4MHz Bandwidth High Channel										
151.61	51.57	128	100	H	-53.21	0.37	-6.08	-59.66	-13	46.66
151.61	48.55	138	200	V	-52.25	0.37	-6.08	-58.70	-13	45.70
1646.60	62.11	348	100	H	-51.25	0.84	8.43	-43.66	-13	30.66
1646.60	61.52	327	150	V	-51.84	0.84	8.43	-44.25	-13	31.25
16-QAM 1.4MHz Bandwidth High Channel										
151.61	51.38	248	200	H	-53.40	0.37	-6.08	-59.85	-13	46.85
151.61	48.04	148	200	V	-52.76	0.37	-6.08	-59.21	-13	46.21
1646.60	61.97	234	100	H	-51.39	0.84	8.43	-43.80	-13	30.80
1646.60	61.30	261	150	V	-52.06	0.84	8.43	-44.47	-13	31.47

LTE Band 26(824MHz~849MHz)

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
151.58	51.39	250	200	H	-53.39	0.37	-6.08	-59.84	-13	46.84
151.58	47.86	36	200	V	-52.94	0.37	-6.08	-59.39	-13	46.39
1649.40	61.72	169	200	H	-51.62	0.84	8.44	-44.02	-13	31.02
1649.40	60.83	59	150	V	-52.51	0.84	8.44	-44.91	-13	31.91
16-QAM 1.4MHz Bandwidth Low Channel										
151.58	50.81	262	200	H	-53.97	0.37	-6.08	-60.42	-13	47.42
151.58	47.64	31	150	V	-53.16	0.37	-6.08	-59.61	-13	46.61
1649.40	61.43	70	100	H	-51.91	0.84	8.44	-44.31	-13	31.31
1649.40	60.56	268	150	V	-52.78	0.84	8.44	-45.18	-13	32.18
QPSK 1.4MHz Bandwidth Middle Channel										
151.58	51.38	298	150	H	-53.40	0.37	-6.08	-59.85	-13	46.85
151.58	48.21	217	150	V	-52.59	0.37	-6.08	-59.04	-13	46.04
1663.00	61.88	256	100	H	-51.36	0.84	8.46	-43.74	-13	30.74
1663.00	61.33	48	150	V	-51.91	0.84	8.46	-44.29	-13	31.29
16-QAM 1.4MHz Bandwidth Middle Channel										
151.58	51.17	257	150	H	-53.61	0.37	-6.08	-60.06	-13	47.06
151.58	47.92	219	150	V	-52.88	0.37	-6.08	-59.33	-13	46.33
1663.00	61.34	76	200	H	-51.90	0.84	8.46	-44.28	-13	31.28
1663.00	60.80	11	150	V	-52.44	0.84	8.46	-44.82	-13	31.82
QPSK 1.4MHz Bandwidth High Channel										
151.58	51.32	231	100	H	-53.46	0.37	-6.08	-59.91	-13	46.91
151.58	48.10	338	150	V	-52.70	0.37	-6.08	-59.15	-13	46.15
1696.60	57.55	14	100	H	-55.46	0.84	8.51	-47.79	-13	34.79
1696.60	56.36	152	100	V	-56.65	0.84	8.51	-48.98	-13	35.98
16-QAM 1.4MHz Bandwidth High Channel										
151.58	51.10	207	100	H	-53.68	0.37	-6.08	-60.13	-13	47.13
151.58	47.82	68	200	V	-52.98	0.37	-6.08	-59.43	-13	46.43
1696.60	58.26	32	150	H	-54.75	0.84	8.51	-47.08	-13	34.08
1696.60	57.24	323	150	V	-55.77	0.84	8.51	-48.10	-13	35.10

LTE Band 71:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
145.79	51.14	192	200	H	-53.85	0.37	-6.14	-60.36	-13	47.36
145.79	47.56	294	200	V	-52.91	0.37	-6.14	-59.42	-13	46.42
1331.00	47.79	168	100	H	-66.24	0.81	7.73	-59.32	-13	46.32
1331.00	48.87	358	200	V	-65.16	0.81	7.73	-58.24	-13	45.24
1996.50	52.64	25	200	H	-58.29	0.85	8.99	-50.15	-13	37.15
1996.50	53.24	207	100	V	-57.69	0.85	8.99	-49.55	-13	36.55
16-QAM 5MHz Bandwidth Low Channel										
145.79	51.28	304	150	H	-53.71	0.37	-6.14	-60.22	-13	47.22
145.79	47.42	184	200	V	-53.05	0.37	-6.14	-59.56	-13	46.56
1331.00	48.17	265	150	H	-65.86	0.81	7.73	-58.94	-13	45.94
1331.00	48.58	357	150	V	-65.45	0.81	7.73	-58.53	-13	45.53
1996.50	52.50	156	200	H	-58.43	0.85	8.99	-50.29	-13	37.29
1996.50	53.18	349	150	V	-57.75	0.85	8.99	-49.61	-13	36.61
QPSK 5MHz Bandwidth Middle Channel										
145.79	51.17	209	150	H	-53.82	0.37	-6.14	-60.33	-13	47.33
145.79	47.70	38	100	V	-52.77	0.37	-6.14	-59.28	-13	46.28
1361.00	47.69	281	200	H	-66.40	0.82	7.81	-59.41	-13	46.41
1361.00	48.48	56	150	V	-65.61	0.82	7.81	-58.62	-13	45.62
2041.50	52.24	178	200	H	-58.69	0.85	9.09	-50.45	-13	37.45
2041.50	53.44	286	200	V	-57.49	0.85	9.09	-49.25	-13	36.25
16-QAM 5MHz Bandwidth Middle Channel										
145.79	51.22	26	150	H	-53.77	0.37	-6.14	-60.28	-13	47.28
145.79	47.39	215	100	V	-53.08	0.37	-6.14	-59.59	-13	46.59
1361.00	48.01	103	200	H	-66.08	0.82	7.81	-59.09	-13	46.09
1361.00	48.30	76	200	V	-65.79	0.82	7.81	-58.80	-13	45.80
2041.50	52.19	55	200	H	-58.74	0.85	9.09	-50.50	-13	37.50
2041.50	53.28	123	200	V	-57.65	0.85	9.09	-49.41	-13	36.41
QPSK 5MHz Bandwidth High Channel										
145.79	51.08	282	100	H	-53.91	0.37	-6.14	-60.42	-13	47.42
145.79	47.41	271	200	V	-53.06	0.37	-6.14	-59.57	-13	46.57
1391.00	47.97	189	150	H	-66.18	0.82	7.89	-59.11	-13	46.11
1391.00	48.85	268	100	V	-65.30	0.82	7.89	-58.23	-13	45.23
2086.50	52.55	197	150	H	-58.40	0.86	9.19	-50.07	-13	37.07
2086.50	53.09	218	100	V	-57.86	0.86	9.19	-49.53	-13	36.53
16-QAM 5MHz Bandwidth High Channel										
145.79	51.00	271	100	H	-53.99	0.37	-6.14	-60.50	-13	47.50
145.79	47.54	354	150	V	-52.93	0.37	-6.14	-59.44	-13	46.44
1391.00	47.67	57	100	H	-66.48	0.82	7.89	-59.41	-13	46.41
1391.00	48.31	179	200	V	-65.84	0.82	7.89	-58.77	-13	45.77
2086.50	52.32	210	200	H	-58.63	0.86	9.19	-50.30	-13	37.30
2086.50	53.14	159	100	V	-57.81	0.86	9.19	-49.48	-13	36.48

30 MHz ~ 20 GHz:**LTE Band 2:**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
150.89	53.17	109	200	H	-51.60	0.37	-6.11	-58.08	-13	45.08
150.89	49.96	306	200	V	-50.78	0.37	-6.11	-57.26	-13	44.26
3701.40	49.60	213	200	H	-57.36	0.95	9.78	-48.53	-13	35.53
3701.40	50.41	9	200	V	-56.55	0.95	9.78	-47.72	-13	34.72
16-QAM 1.4MHz Bandwidth Low Channel										
150.89	52.78	295	100	H	-51.99	0.37	-6.11	-58.47	-13	45.47
150.89	50.22	356	150	V	-50.52	0.37	-6.11	-57.00	-13	44.00
3701.40	49.94	108	100	H	-57.02	0.95	9.78	-48.19	-13	35.19
3701.40	50.47	11	100	V	-56.49	0.95	9.78	-47.66	-13	34.66
QPSK 1.4MHz Bandwidth Middle Channel										
150.89	52.89	152	200	H	-51.88	0.37	-6.11	-58.36	-13	45.36
150.89	50.08	156	200	V	-50.66	0.37	-6.11	-57.14	-13	44.14
3760.00	49.67	134	100	H	-57.11	0.95	9.74	-48.32	-13	35.32
3760.00	50.26	237	200	V	-56.52	0.95	9.74	-47.73	-13	34.73
16-QAM 1.4MHz Bandwidth Middle Channel										
150.89	52.99	269	100	H	-51.78	0.37	-6.11	-58.26	-13	45.26
150.89	49.89	170	200	V	-50.85	0.37	-6.11	-57.33	-13	44.33
3760.00	48.82	83	150	H	-57.96	0.95	9.74	-49.17	-13	36.17
3760.00	50.45	285	150	V	-56.33	0.95	9.74	-47.54	-13	34.54
QPSK 1.4MHz Bandwidth High Channel										
150.89	53.11	8	200	H	-51.66	0.37	-6.11	-58.14	-13	45.14
150.89	50.29	30	200	V	-50.45	0.37	-6.11	-56.93	-13	43.93
3818.60	49.03	241	150	H	-57.56	0.96	9.71	-48.81	-13	35.81
3818.60	49.89	226	200	V	-56.70	0.96	9.71	-47.95	-13	34.95
16-QAM 1.4MHz Bandwidth High Channel										
150.89	53.16	285	150	H	-51.61	0.37	-6.11	-58.09	-13	45.09
150.89	50.10	292	100	V	-50.64	0.37	-6.11	-57.12	-13	44.12
3818.60	48.50	222	100	H	-58.09	0.96	9.71	-49.34	-13	36.34
3818.60	49.93	79	100	V	-56.66	0.96	9.71	-47.91	-13	34.91

LTE Band 4:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
157.00	54.72	53	200	H	-50.15	0.38	-5.84	-56.37	-13	43.37
157.00	52.34	335	150	V	-48.94	0.38	-5.84	-55.16	-13	42.16
3421.40	55.99	135	100	H	-51.95	0.93	9.82	-43.06	-13	30.06
3421.40	57.15	306	100	V	-50.79	0.93	9.82	-41.90	-13	28.90
16-QAM 1.4MHz Bandwidth Low Channel										
157.00	54.57	193	150	H	-50.30	0.38	-5.84	-56.52	-13	43.52
157.00	52.19	196	150	V	-49.09	0.38	-5.84	-55.31	-13	42.31
3421.40	55.93	290	100	H	-52.01	0.93	9.82	-43.12	-13	30.12
3421.40	57.10	110	200	V	-50.84	0.93	9.82	-41.95	-13	28.95
QPSK 1.4MHz Bandwidth Middle Channel										
157.00	54.90	328	200	H	-49.97	0.38	-5.84	-56.19	-13	43.19
157.00	52.29	123	100	V	-48.99	0.37	-6.05	-55.41	-13	42.41
3465.00	55.66	84	100	H	-52.09	0.93	9.87	-43.15	-13	30.15
3465.00	56.64	15	200	V	-51.11	0.93	9.87	-42.17	-13	29.17
16-QAM 1.4MHz Bandwidth Middle Channel										
157.00	54.76	242	100	H	-50.11	0.38	-5.84	-56.33	-13	43.33
157.00	52.27	21	100	V	-49.01	0.38	-5.84	-55.23	-13	42.23
3465.00	55.98	124	150	H	-51.77	0.93	9.87	-42.83	-13	29.83
3465.00	57.05	140	150	V	-50.70	0.93	9.87	-41.76	-13	28.76
QPSK 1.4MHz Bandwidth High Channel										
157.00	55.11	271	150	H	-49.76	0.38	-5.84	-55.98	-13	42.98
157.00	52.30	224	100	V	-48.98	0.38	-5.84	-55.20	-13	42.20
3508.60	55.31	194	100	H	-52.26	0.93	9.89	-43.30	-13	30.30
3508.60	56.73	130	100	V	-50.84	0.93	9.89	-41.88	-13	28.88
16-QAM 1.4MHz Bandwidth High Channel										
157.00	54.68	344	100	H	-50.19	0.38	-5.84	-56.41	-13	43.41
157.00	52.15	140	150	V	-49.13	0.38	-5.84	-55.35	-13	42.35
3508.60	56.24	11	200	H	-51.33	0.93	9.89	-42.37	-13	29.37
3508.60	57.17	125	150	V	-50.40	0.93	9.89	-41.44	-13	28.44

LTE Band 25:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
149.80	53.07	346	100	H	-51.69	0.37	-6.15	-58.21	-13	45.21
149.80	49.84	76	200	V	-50.81	0.37	-6.15	-57.33	-13	44.33
3701.40	50.86	306	200	H	-56.10	0.95	9.78	-47.27	-13	34.27
3701.40	49.98	193	150	V	-56.98	0.95	9.78	-48.15	-13	35.15
16-QAM 1.4MHz Bandwidth Low Channel										
149.80	52.91	323	100	H	-51.85	0.37	-6.15	-58.37	-13	45.37
149.80	49.52	339	200	V	-51.13	0.37	-6.15	-57.65	-13	44.65
3701.40	50.51	122	200	H	-56.45	0.95	9.78	-47.62	-13	34.62
3701.40	49.75	300	150	V	-57.21	0.95	9.78	-48.38	-13	35.38
QPSK 1.4MHz Bandwidth Middle Channel										
149.80	52.65	326	200	H	-52.11	0.37	-6.15	-58.63	-13	45.63
149.80	49.45	339	150	V	-51.20	0.37	-6.15	-57.72	-13	44.72
3765.00	50.23	169	200	H	-56.53	0.95	9.74	-47.74	-13	34.74
3765.00	49.84	174	150	V	-56.92	0.95	9.74	-48.13	-13	35.13
16-QAM 1.4MHz Bandwidth Middle Channel										
149.80	52.76	198	100	H	-52.00	0.37	-6.15	-58.52	-13	45.52
149.80	49.68	263	150	V	-50.97	0.37	-6.15	-57.49	-13	44.49
3765.00	50.44	303	100	H	-56.32	0.95	9.74	-47.53	-13	34.53
3765.00	49.50	293	200	V	-57.26	0.95	9.74	-48.47	-13	35.47
QPSK 1.4MHz Bandwidth High Channel										
149.80	52.85	75	200	H	-51.91	0.37	-6.15	-58.43	-13	45.43
149.80	49.92	48	100	V	-50.73	0.37	-6.15	-57.25	-13	44.25
3828.60	50.50	62	100	H	-56.06	0.96	9.70	-47.32	-13	34.32
3828.60	49.15	281	150	V	-57.41	0.96	9.70	-48.67	-13	35.67
16-QAM 1.4MHz Bandwidth High Channel										
149.80	52.91	264	200	H	-51.85	0.37	-6.15	-58.37	-13	45.37
149.80	49.87	221	150	V	-50.78	0.37	-6.15	-57.30	-13	44.30
3828.60	50.12	236	200	H	-56.44	0.96	9.70	-47.70	-13	34.70
3828.60	49.28	100	150	V	-57.28	0.96	9.70	-48.54	-13	35.54

LTE Band 66:

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel										
151.50	55.13	129	100	H	-49.65	0.37	-6.08	-56.10	-13	43.10
151.50	51.99	104	100	V	-48.80	0.37	-6.08	-55.25	-13	42.25
3421.40	56.11	63	100	H	-51.83	0.93	9.82	-42.94	-13	29.94
3421.40	57.06	104	100	V	-50.88	0.93	9.82	-41.99	-13	28.99
16-QAM 1.4MHz Bandwidth Low Channel										
151.50	55.33	93	200	H	-49.45	0.37	-6.08	-55.90	-13	42.90
151.50	52.18	240	100	V	-48.61	0.37	-6.08	-55.06	-13	42.06
3421.40	55.89	35	200	H	-52.05	0.93	9.82	-43.16	-13	30.16
3421.40	57.05	66	200	V	-50.89	0.93	9.82	-42.00	-13	29.00
QPSK 1.4MHz Bandwidth Middle Channel										
151.50	55.06	274	100	H	-49.72	0.37	-6.08	-56.17	-13	43.17
151.50	51.90	44	150	V	-48.89	0.37	-6.05	-55.31	-13	42.31
3490.00	55.68	124	200	H	-51.96	0.93	9.89	-43.00	-13	30.00
3490.00	56.50	127	100	V	-51.14	0.93	9.89	-42.18	-13	29.18
16-QAM 1.4MHz Bandwidth Middle Channel										
151.50	55.20	152	100	H	-49.58	0.37	-6.08	-56.03	-13	43.03
151.50	51.80	85	200	V	-48.99	0.37	-6.08	-55.44	-13	42.44
3490.00	55.83	254	200	H	-51.81	0.93	9.89	-42.85	-13	29.85
3490.00	56.48	210	150	V	-51.16	0.93	9.89	-42.20	-13	29.20
QPSK 1.4MHz Bandwidth High Channel										
151.50	55.47	242	200	H	-49.31	0.37	-6.08	-55.76	-13	42.76
151.50	52.42	13	150	V	-48.37	0.37	-6.08	-54.82	-13	41.82
3558.60	55.25	223	100	H	-52.16	0.93	9.86	-43.23	-13	30.23
3558.60	56.39	283	200	V	-51.02	0.93	9.86	-42.09	-13	29.09
16-QAM 1.4MHz Bandwidth High Channel										
151.50	55.18	298	150	H	-49.60	0.37	-6.08	-56.05	-13	43.05
151.50	51.92	74	200	V	-48.87	0.37	-6.08	-55.32	-13	42.32
3558.60	55.67	286	200	H	-51.74	0.93	9.86	-42.81	-13	29.81
3558.60	56.58	299	100	V	-50.83	0.93	9.86	-41.90	-13	28.90

30 MHz ~ 26 GHz:**LTE Band 7:**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
150.73	41.90	291	200	H	-62.86	0.37	6.12	-57.11	-25	32.11
150.73	38.82	55	150	V	-61.90	0.37	6.12	-56.15	-25	31.15
5005.00	49.48	241	100	H	-56.51	1.08	10.30	-47.29	-25	22.29
5005.00	50.21	249	200	V	-55.78	1.08	10.30	-46.56	-25	21.56
16-QAM 5MHz Bandwidth Low Channel										
150.73	41.91	71	150	H	-62.85	0.37	6.12	-57.10	-25	32.10
150.73	38.99	309	100	V	-61.73	0.37	6.12	-55.98	-25	30.98
5005.00	49.29	216	200	H	-56.70	1.08	10.30	-47.48	-25	22.48
5005.00	50.10	161	150	V	-55.89	1.08	10.30	-46.67	-25	21.67
QPSK 5MHz Bandwidth Middle Channel										
150.73	41.68	146	150	H	-63.08	0.37	6.12	-57.33	-25	32.33
150.73	38.73	245	150	V	-61.99	0.37	6.12	-56.24	-25	31.24
5070.00	48.77	238	200	H	-56.86	1.09	10.30	-47.65	-25	22.65
5070.00	49.45	359	200	V	-56.18	1.09	10.30	-46.97	-25	21.97
16-QAM 5MHz Bandwidth Middle Channel										
150.73	41.71	186	150	H	-63.05	0.37	6.12	-57.30	-25	32.30
150.73	38.69	91	100	V	-62.03	0.37	6.12	-56.28	-25	31.28
5070.00	49.26	135	200	H	-56.37	1.09	10.30	-47.16	-25	22.16
5070.00	49.88	199	150	V	-55.75	1.09	10.30	-46.54	-25	21.54
QPSK 5MHz Bandwidth High Channel										
150.73	41.95	155	200	H	-62.81	0.37	6.12	-57.06	-25	32.06
150.73	38.99	229	150	V	-61.73	0.37	6.12	-55.98	-25	30.98
5135.00	48.56	33	100	H	-56.71	1.10	10.30	-47.51	-25	22.51
5135.00	49.63	201	150	V	-55.64	1.10	10.30	-46.44	-25	21.44
16-QAM 5MHz Bandwidth High Channel										
150.73	41.56	232	200	H	-63.20	0.37	6.12	-57.45	-25	32.45
150.73	38.87	289	100	V	-61.85	0.37	6.12	-56.10	-25	31.10
5135.00	48.58	276	100	H	-56.69	1.10	10.30	-47.49	-25	22.49
5135.00	49.69	57	100	V	-55.58	1.10	10.30	-46.38	-25	21.38

30 MHz ~ 26.5 GHz:**LTE Band 38:**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
147.98	41.08	139	150	H	-63.78	0.37	6.15	-58.00	-25	33.00
147.98	37.57	315	200	V	-63.00	0.37	6.15	-57.22	-25	32.22
5145.00	58.46	253	200	H	-46.75	1.10	10.30	-37.55	-25	12.55
5145.00	59.62	322	200	V	-45.59	1.10	10.30	-36.39	-25	11.39
16-QAM 5MHz Bandwidth Low Channel										
147.98	41.11	262	100	H	-63.75	0.37	6.15	-57.97	-25	32.97
147.98	37.45	112	100	V	-63.12	0.37	6.15	-57.34	-25	32.34
5145.00	58.48	174	200	H	-46.73	1.10	10.30	-37.53	-25	12.53
5145.00	59.76	77	150	V	-45.45	1.10	10.30	-36.25	-25	11.25
QPSK 5MHz Bandwidth Middle Channel										
147.98	40.84	297	100	H	-64.02	0.37	6.15	-58.24	-25	33.24
147.98	37.41	14	150	V	-63.16	0.37	6.15	-57.38	-25	32.38
5190.00	58.32	334	100	H	-46.64	1.11	10.30	-37.45	-25	12.45
5190.00	59.30	254	100	V	-45.66	1.11	10.30	-36.47	-25	11.47
16-QAM 5MHz Bandwidth Middle Channel										
147.98	41.01	252	200	H	-63.85	0.37	6.15	-58.07	-25	33.07
147.98	37.60	29	100	V	-62.97	0.37	6.15	-57.19	-25	32.19
5190.00	58.32	56	100	H	-46.64	1.11	10.30	-37.45	-25	12.45
5190.00	59.09	17	150	V	-45.87	1.11	10.30	-36.68	-25	11.68
QPSK 5MHz Bandwidth High Channel										
147.98	41.29	122	100	H	-63.57	0.37	6.15	-57.79	-25	32.79
147.98	37.95	0	200	V	-62.62	0.37	6.15	-56.84	-25	31.84
5235.00	58.23	150	200	H	-46.48	1.12	10.30	-37.30	-25	12.30
5235.00	58.99	270	100	V	-45.72	1.12	10.30	-36.54	-25	11.54
16-QAM 5MHz Bandwidth High Channel										
147.98	41.43	275	150	H	-63.43	0.37	6.15	-57.65	-25	32.65
147.98	37.86	35	100	V	-62.71	0.37	6.15	-56.93	-25	31.93
5235.00	58.18	206	150	H	-46.53	1.12	10.30	-37.35	-25	12.35
5235.00	59.27	320	200	V	-45.44	1.12	10.30	-36.26	-25	11.26

30 MHz ~ 27 GHz:**LTE Band 41:**

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
148.10	40.14	217	100	H	-64.72	0.37	6.15	-58.94	-25	33.94
148.10	36.96	11	100	V	-63.61	0.37	6.15	-57.83	-25	32.83
5075.00	59.98	332	100	H	-45.62	1.09	10.30	-36.41	-25	11.41
5075.00	61.07	36	200	V	-44.53	1.09	10.30	-35.32	-25	10.32
16-QAM 5MHz Bandwidth Low Channel										
148.10	39.98	267	100	H	-64.88	0.37	6.15	-59.10	-25	34.10
148.10	36.82	4	200	V	-63.75	0.37	6.15	-57.97	-25	32.97
5075.00	59.67	170	150	H	-45.93	1.09	10.30	-36.72	-25	11.72
5075.00	60.59	164	100	V	-45.01	1.09	10.30	-35.80	-25	10.80
QPSK 5MHz Bandwidth Middle Channel										
148.10	40.27	50	100	H	-64.59	0.37	6.15	-58.81	-25	33.81
148.10	36.80	48	150	V	-63.77	0.37	6.15	-57.99	-25	32.99
5190.00	59.28	186	150	H	-45.68	1.10	10.30	-36.48	-25	11.48
5190.00	60.51	259	150	V	-44.45	1.10	10.30	-35.25	-25	10.25
16-QAM 5MHz Bandwidth Middle Channel										
148.10	40.06	5	200	H	-64.80	0.37	6.15	-59.02	-25	34.02
148.10	36.71	219	150	V	-63.86	0.37	6.15	-58.08	-25	33.08
5190.00	59.13	188	200	H	-45.83	1.10	10.30	-36.63	-25	11.63
5190.00	60.34	54	150	V	-44.62	1.10	10.30	-35.42	-25	10.42
QPSK 5MHz Bandwidth High Channel										
148.10	39.94	181	100	H	-64.92	0.37	6.15	-59.14	-25	34.14
148.10	36.73	56	150	V	-63.84	0.37	6.15	-58.06	-25	33.06
5305.00	58.80	313	200	H	-45.52	1.12	10.30	-36.34	-25	11.34
5305.00	59.95	269	200	V	-44.37	1.12	10.30	-35.19	-25	10.19
16-QAM 5MHz Bandwidth High Channel										
148.10	40.02	124	200	H	-64.84	0.37	6.15	-59.06	-25	34.06
148.10	37.09	66	150	V	-63.48	0.37	6.15	-57.70	-25	32.70
5305.00	58.64	171	150	H	-45.68	1.12	10.30	-36.50	-25	11.50
5305.00	59.80	211	100	V	-44.52	1.12	10.30	-35.34	-25	10.34

BAND EDGES

Environmental Conditions & Test Information

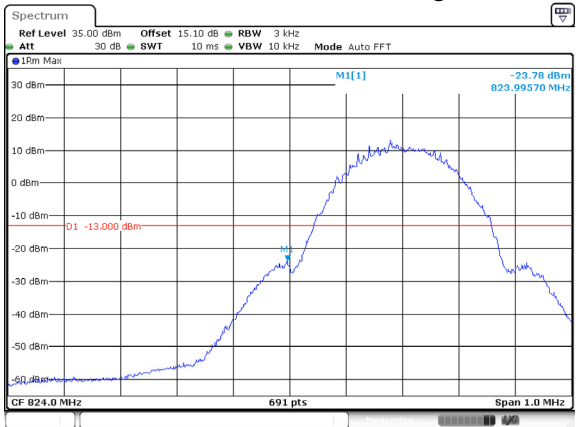
Test Date:	2025-02-18 to 2025-05-09
Temperature:	17.1-24.5 °C
Relative Humidity:	47-53 %
ATM Pressure:	101.6-103.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting
Test Result: Compliant.

LTE: Please check the APPENDIX C_Band edge for detail.

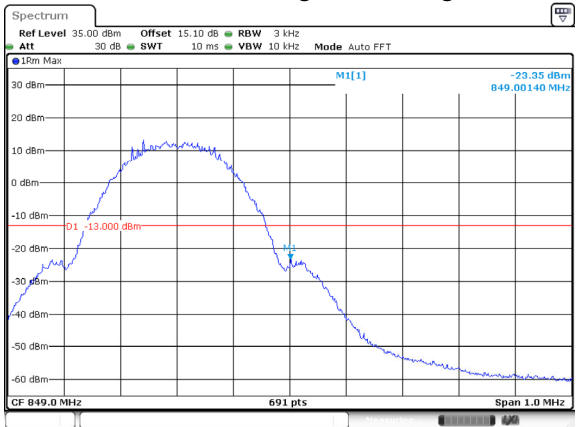
GPRS 850 Band:

GPRS Mode, Left Band Edge



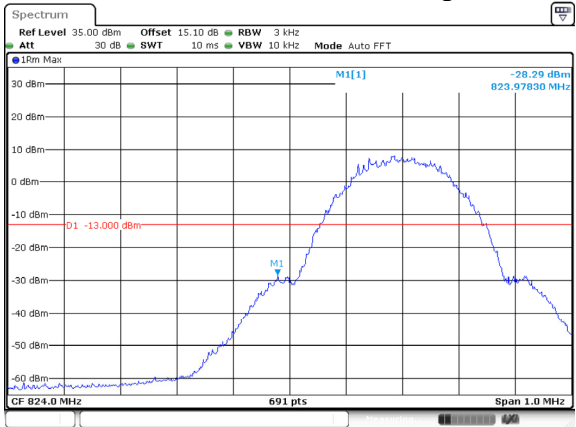
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 24.FEB.2025 11:31:09

GPRS Mode, Right Band Edge



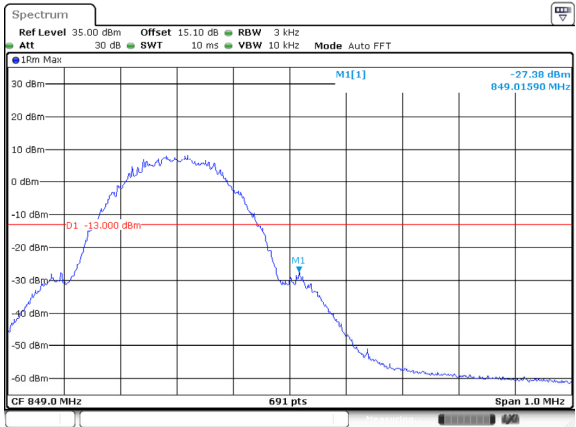
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 24.FEB.2025 11:35:48

EGPRS Mode, Left Band Edge

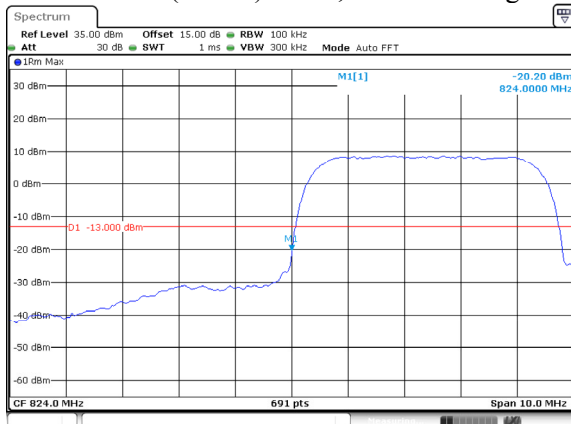
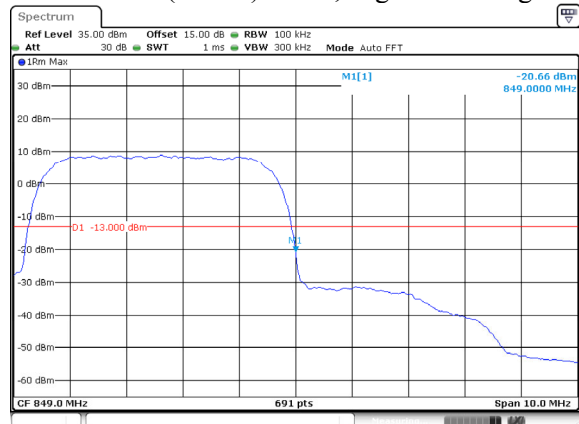
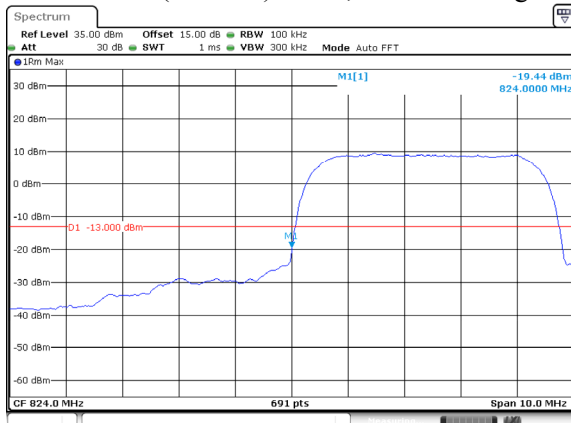
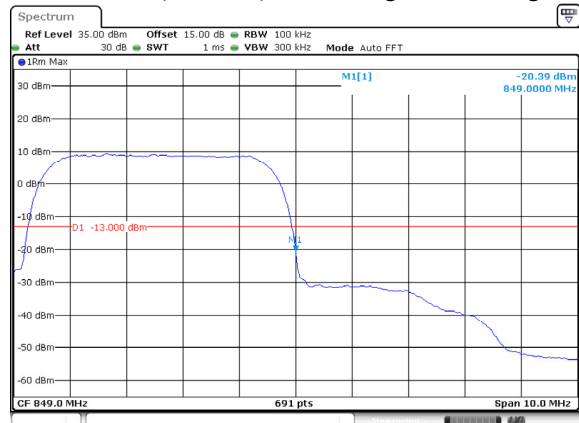
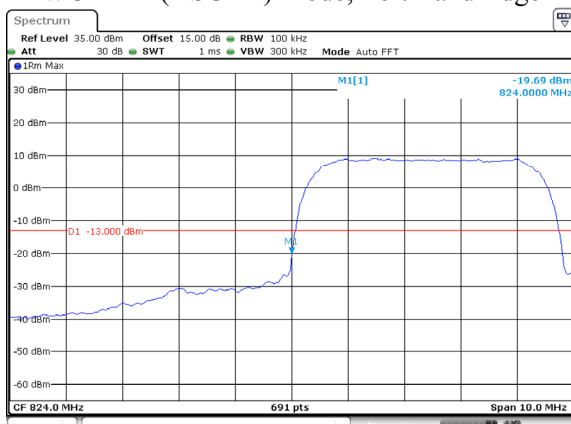
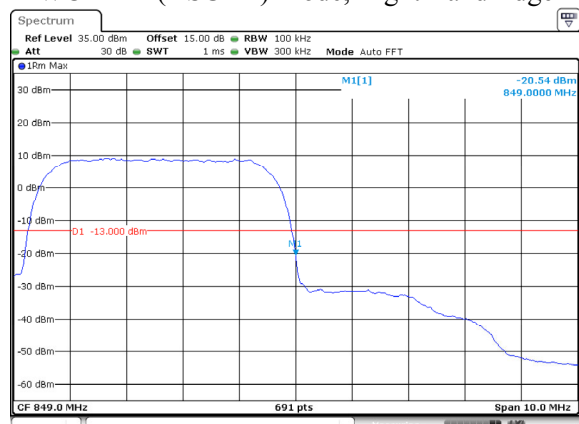


ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 24.FEB.2025 11:39:26

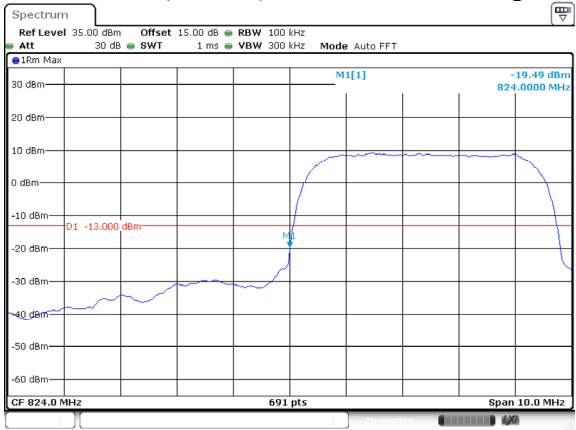
EGPRS Mode, Right Band Edge



ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 24.FEB.2025 11:38:41

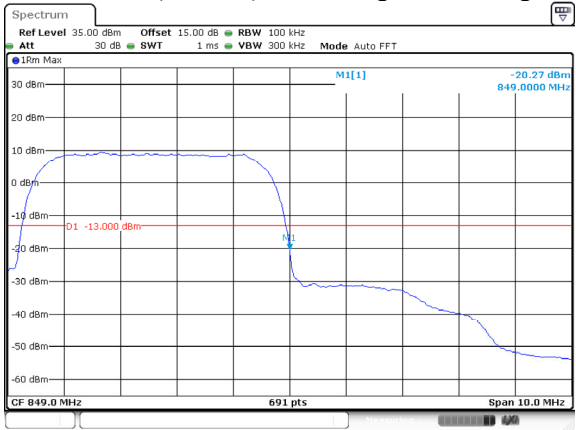
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WCDMA (HSPA+) Mode, Left Band Edge

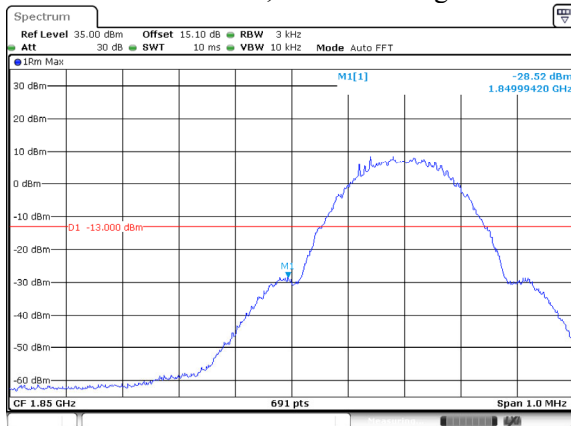
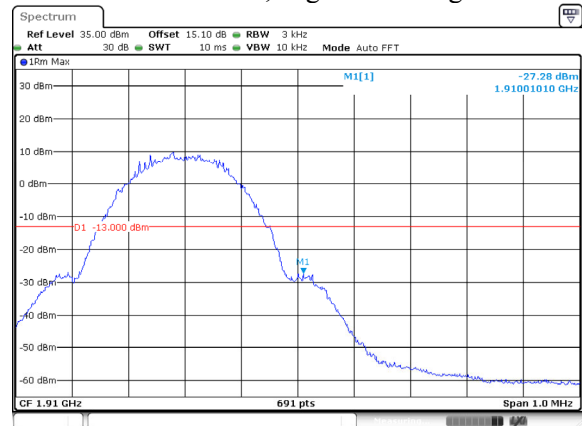
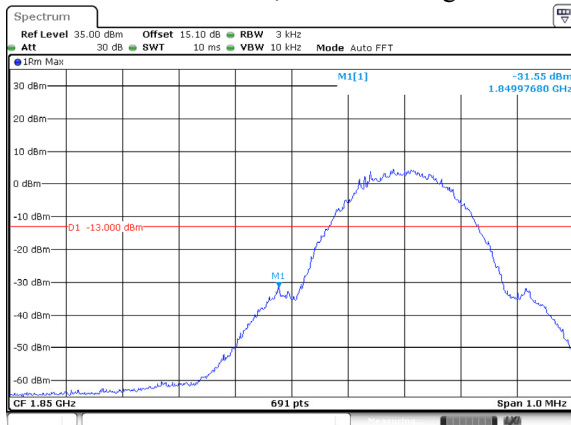
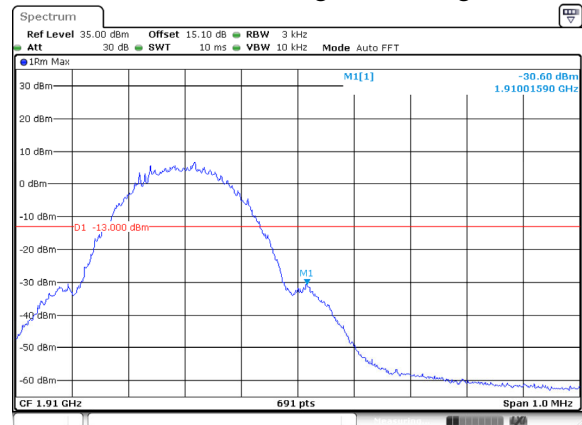


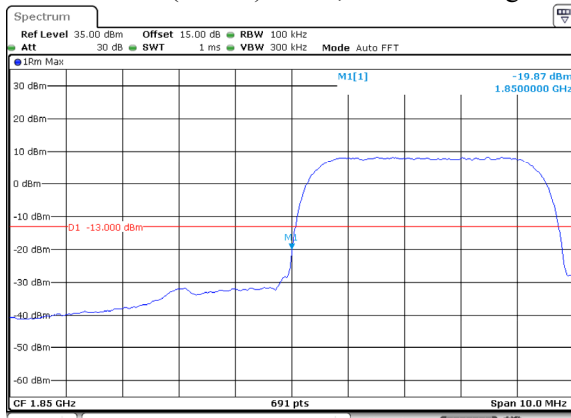
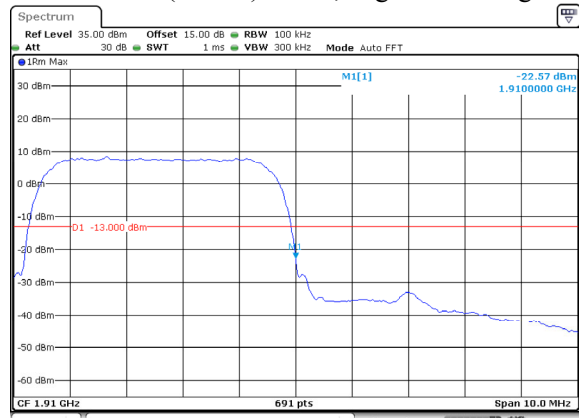
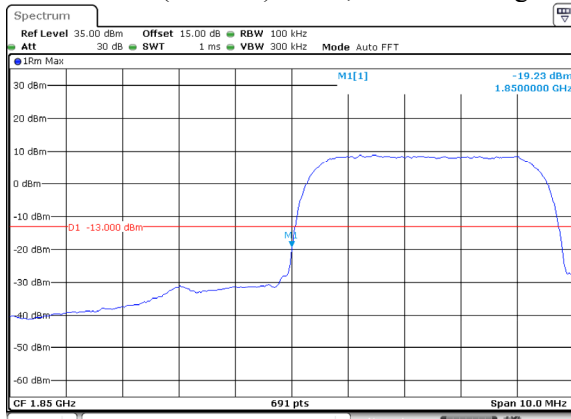
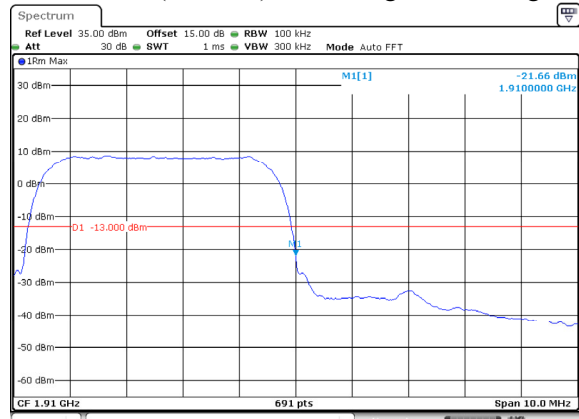
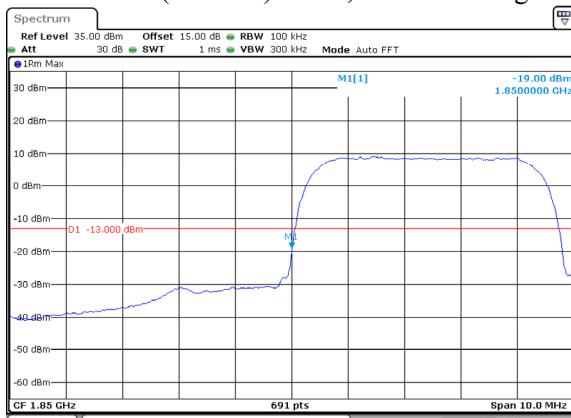
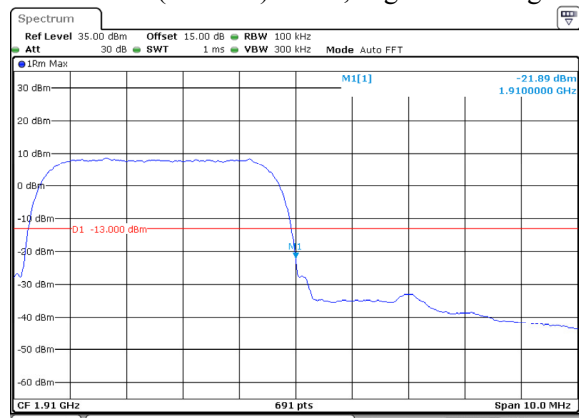
ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 11:33:49

WCDMA (HSPA+) Mode, Right Band Edge

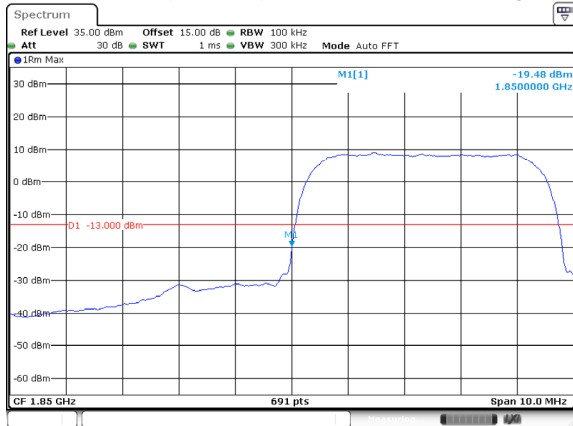


ProjectNo.:RKSA240808001 Tester:Neil Zhou
Date: 28.FEB.2025 11:35:37

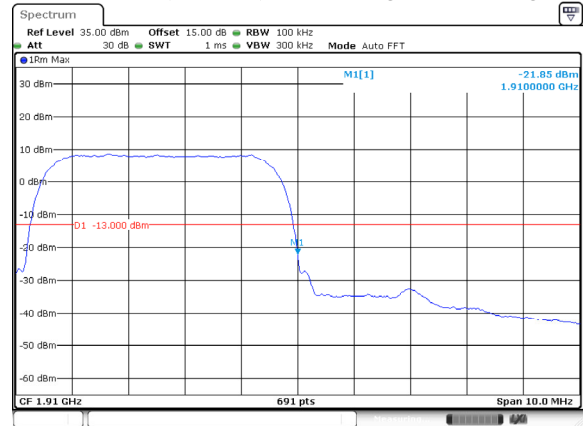
PCS 1900 Band:**GPRS Mode, Left Band Edge****GPRS Mode, Right Band Edge****EGPRS Mode, Left Band Edge****EGPRS Mode, Right Band Edge**

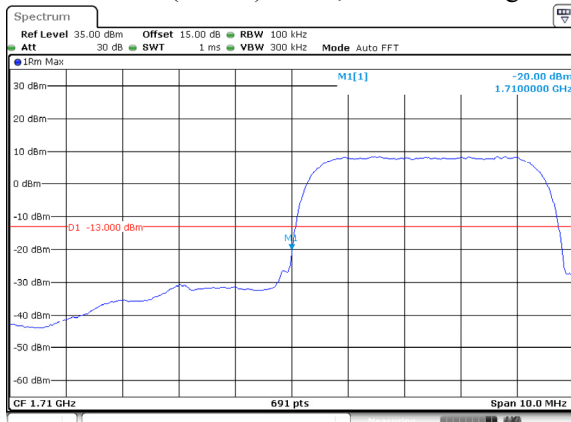
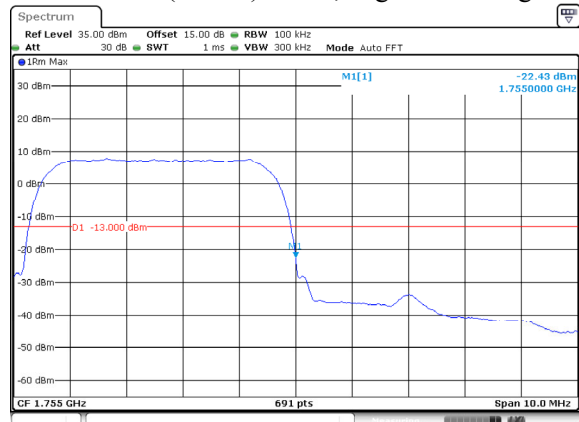
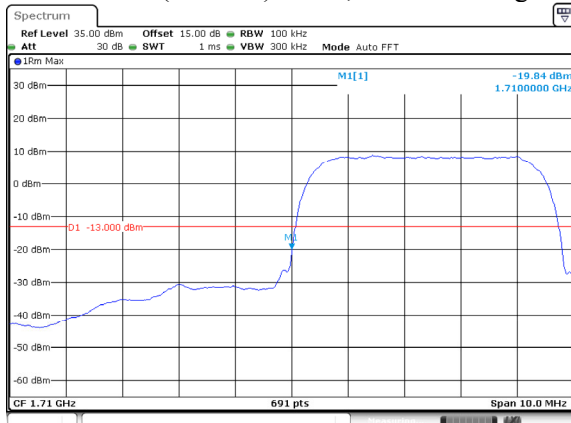
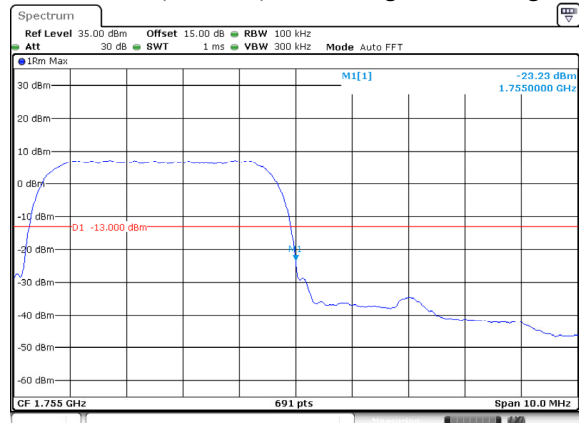
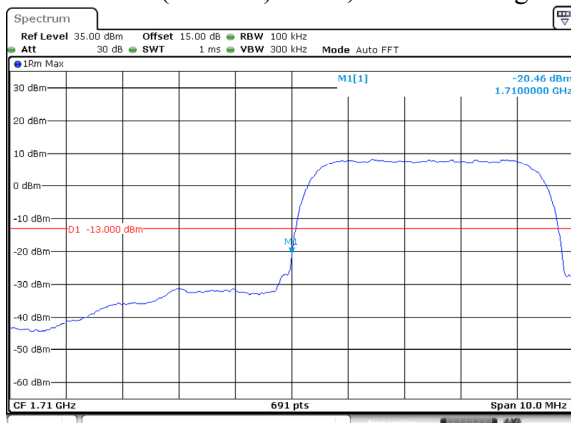
WCDMA Band II**WCDMA (Rel 99) Mode, Left Band Edge****WCDMA (Rel 99) Mode, Right Band Edge****WCDMA (HSDPA) Mode, Left Band Edge****WCDMA (HSDPA) Mode, Right Band Edge****WCDMA (HSUPA) Mode, Left Band Edge****WCDMA (HSUPA) Mode, Right Band Edge**

WCDMA (HSPA+) Mode, Left Band Edge



WCDMA (HSPA+) Mode, Right Band Edge



WCDMA Band IV**WCDMA (Rel 99) Mode, Left Band Edge****WCDMA (Rel 99) Mode, Right Band Edge****WCDMA (HSDPA) Mode, Left Band Edge****WCDMA (HSDPA) Mode, Right Band Edge****WCDMA (HSUPA) Mode, Left Band Edge****WCDMA (HSUPA) Mode, Right Band Edge**