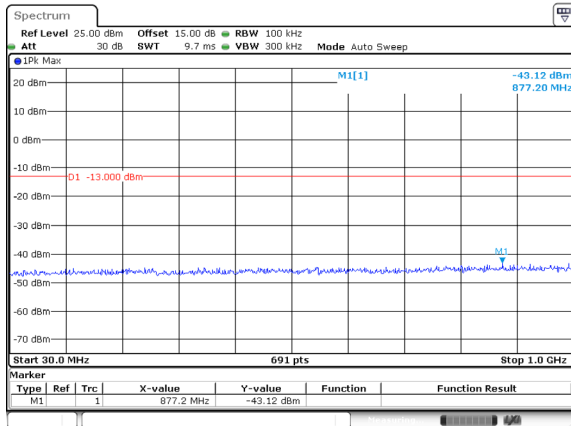
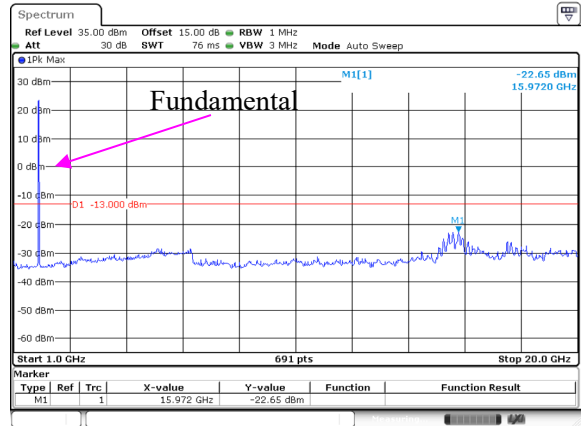


WCDMA Band II:

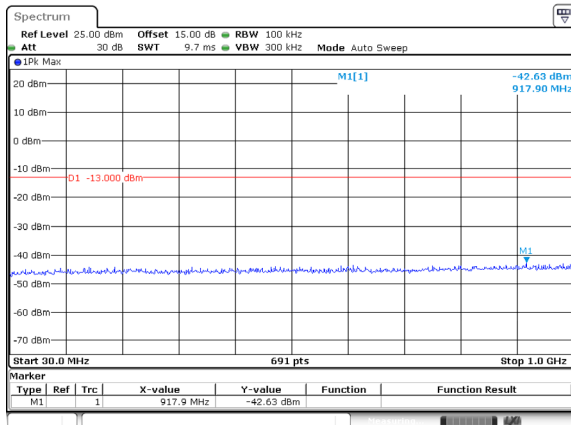
30 MHz – 1GHz WCDMA (Rel 99) Mode, Low channel

ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 6 DEC 2024 11:57:12

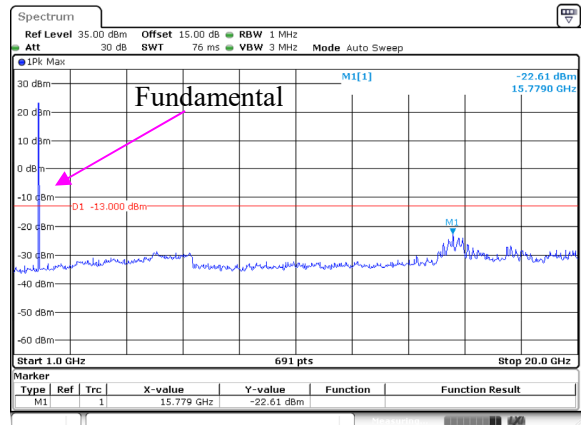
1 GHz – 20 GHz WCDMA (Rel 99) Mode, Low channel

ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 18 DEC 2024 14:22:23

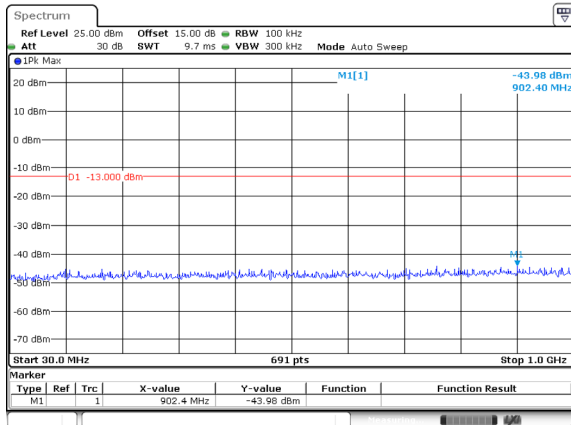
30 MHz – 1GHz WCDMA (HSDPA) Mode, Low channel

ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 6 DEC 2024 11:56:30

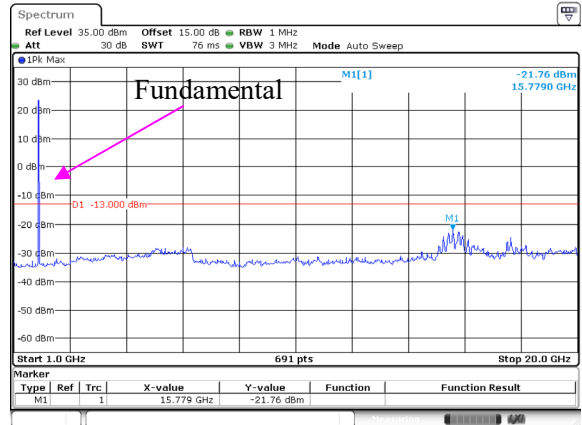
1 GHz – 20 GHz WCDMA (HSDPA) Mode, Low channel

ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 18 DEC 2024 14:21:24

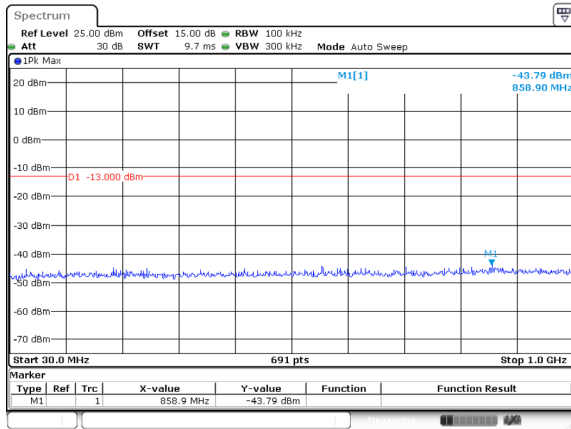
30 MHz – 1GHz WCDMA (HSUPA) Mode, Low channel

ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 6 DEC 2024 11:56:55

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

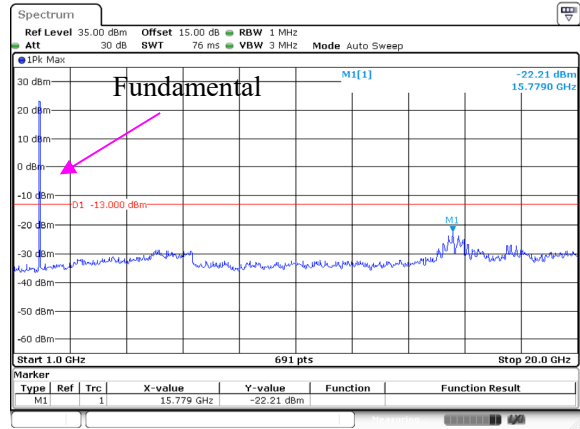
ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 18 DEC 2024 14:22:46

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



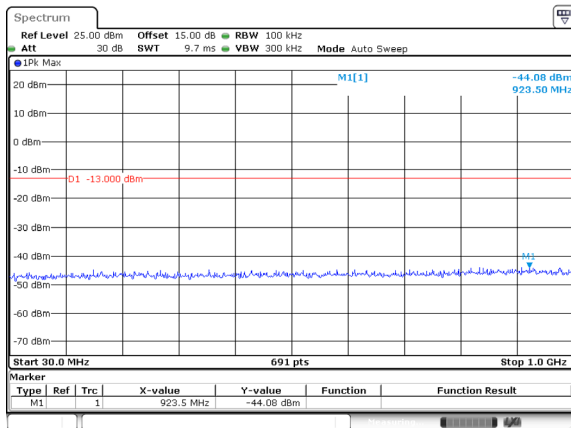
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC. 2024 13:31:37

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



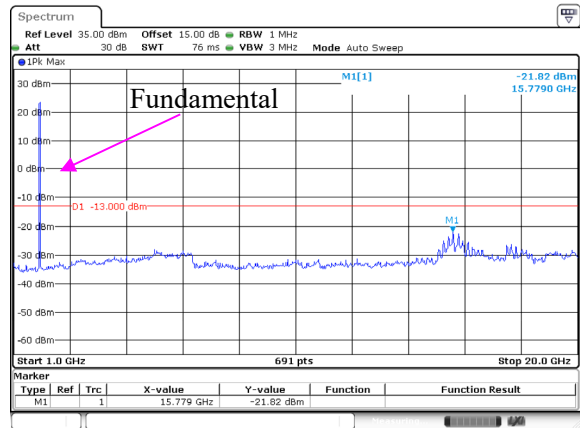
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC. 2024 14:27:31

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



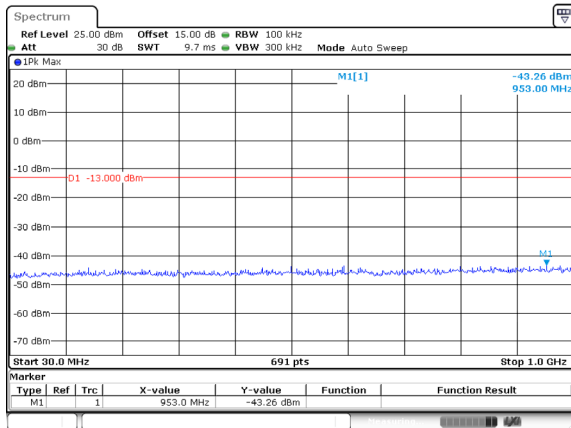
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC. 2024 13:29:01

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



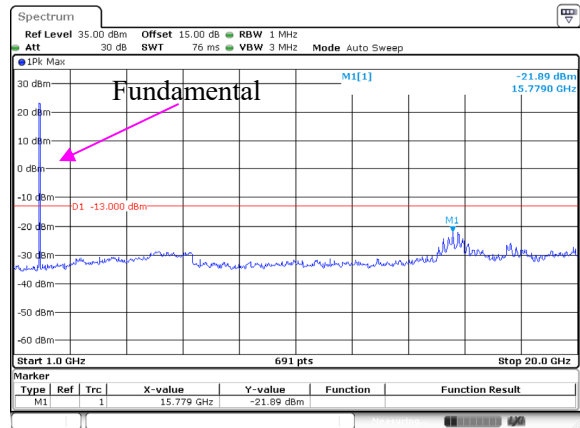
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC. 2024 14:26:29

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



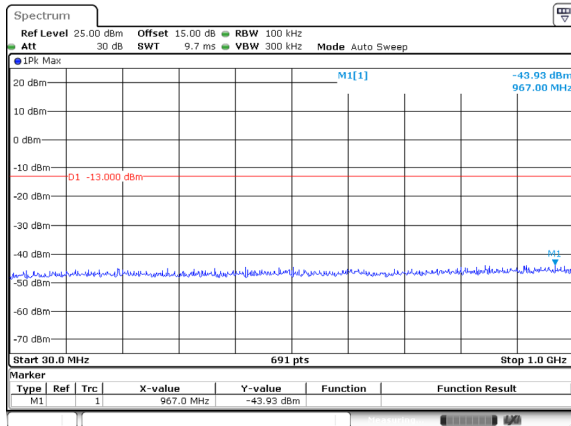
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC. 2024 13:30:44

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



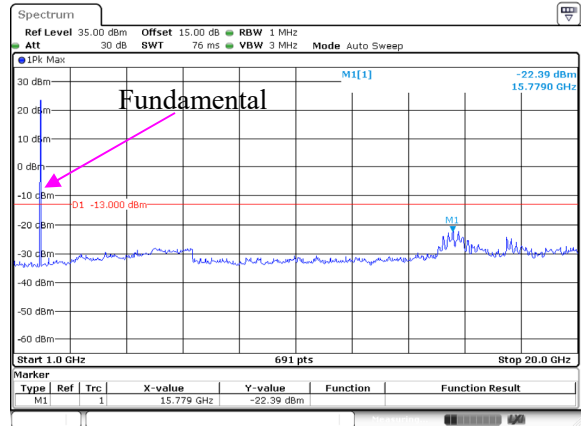
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC. 2024 14:27:50

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



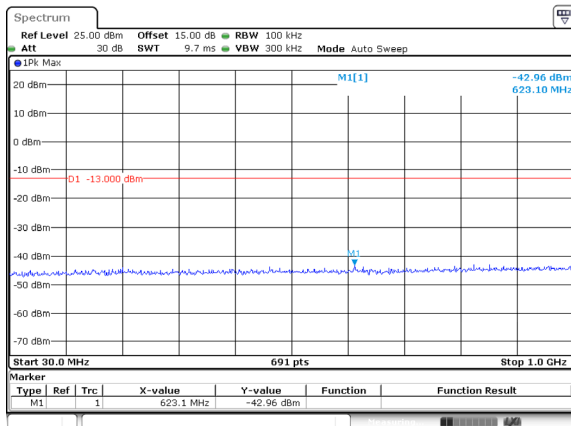
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Date: 6 DEC. 2024 13:31:07

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



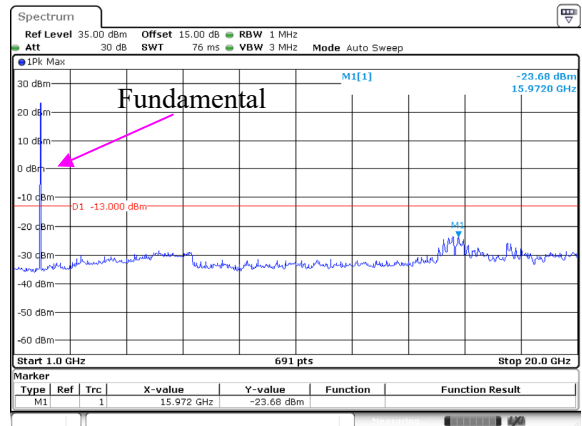
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC. 2024 14:25:40

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



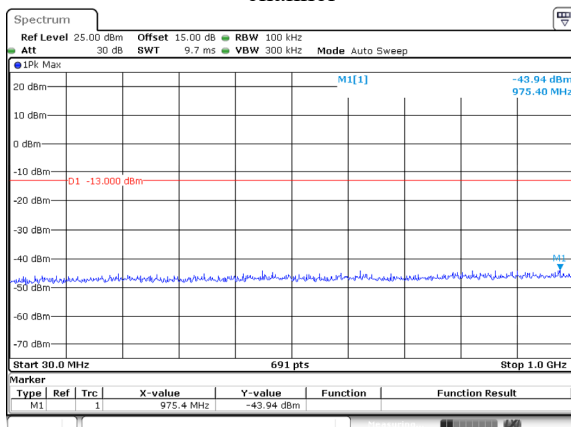
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC. 2024 13:30:09

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



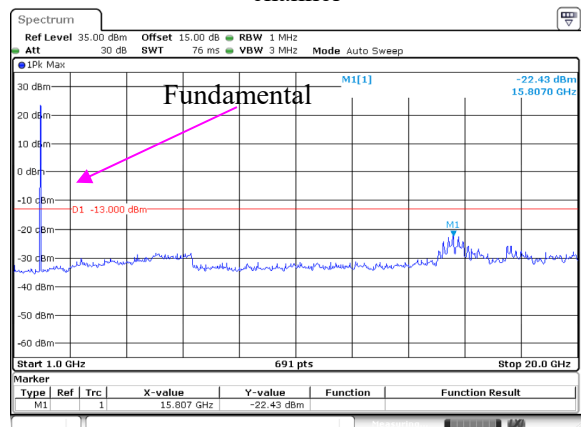
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC. 2024 14:23:18

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



ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC. 2024 13:30:25

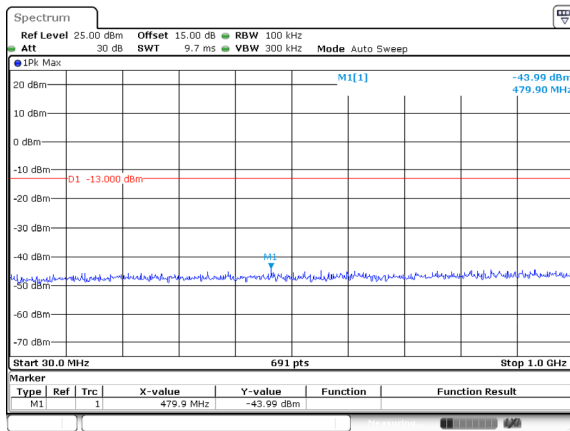
1 GHz – 20 GHz WCDMA (HSUPA) Mode, High channel



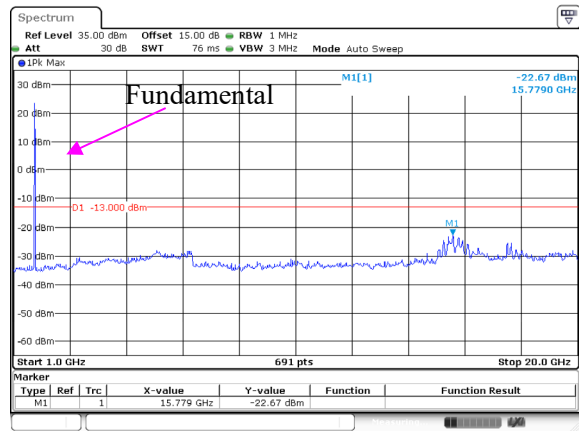
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC. 2024 14:23:39

WCDMA Band IV:

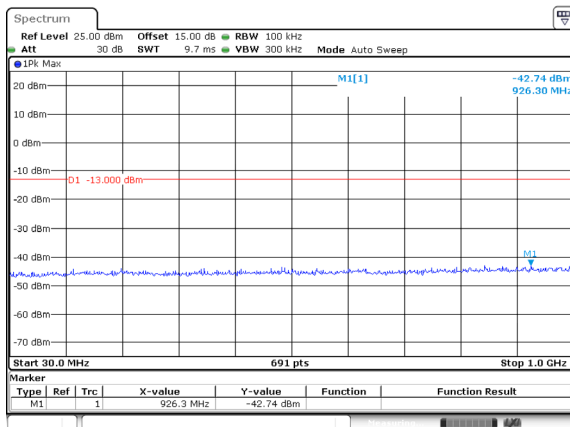
30 MHz – 1GHz WCDMA (Rel 99) Mode, Low channel

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 11:57:43

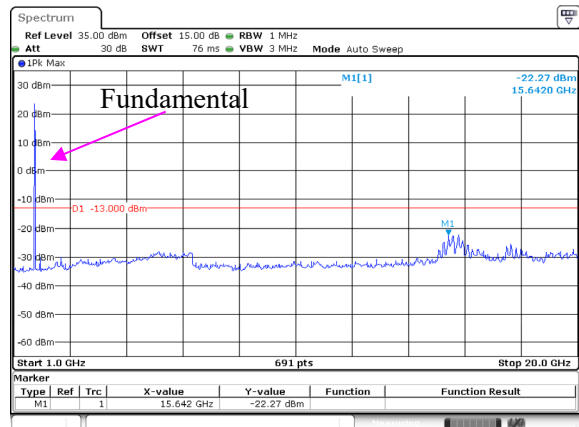
1 GHz – 18 GHz WCDMA (Rel 99) Mode, Low channel

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC 2024 13:51:28

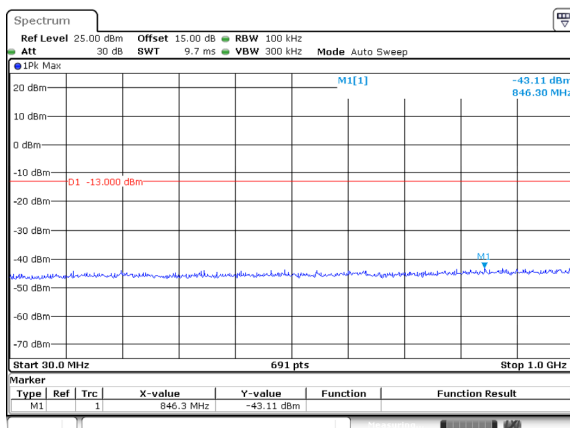
30 MHz – 1GHz WCDMA (HSDPA) Mode, Low channel

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 11:59:05

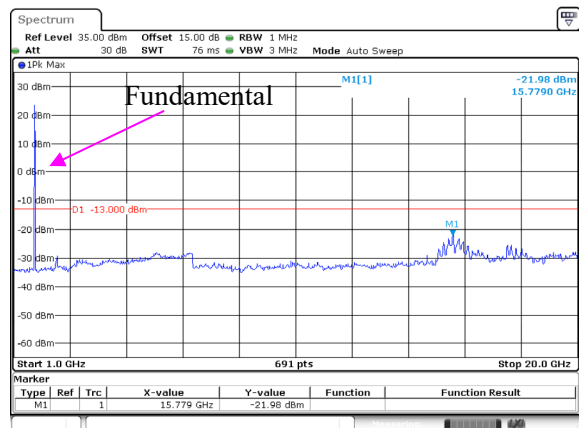
1 GHz – 18 GHz WCDMA (HSDPA) Mode, Low channel

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC 2024 13:53:20

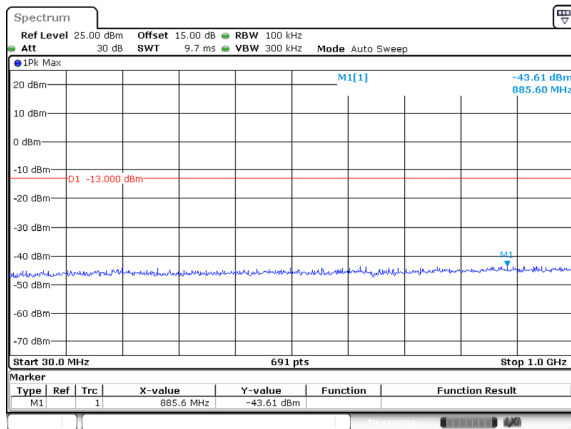
30 MHz – 1GHz WCDMA (HSUPA) Mode, Low channel

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 11:58:48

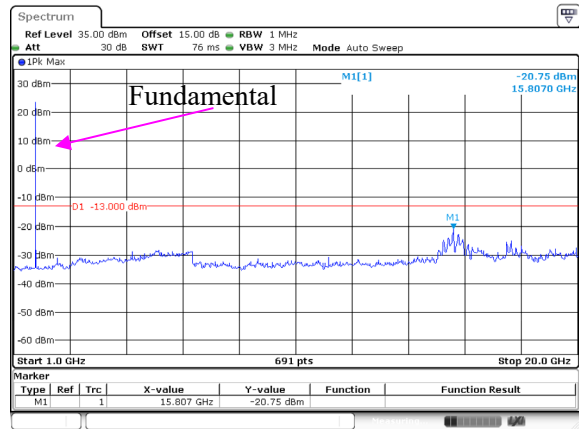
1 GHz – 18 GHz WCDMA (HSUPA) Mode, Low channel

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 18 DEC 2024 13:52:11

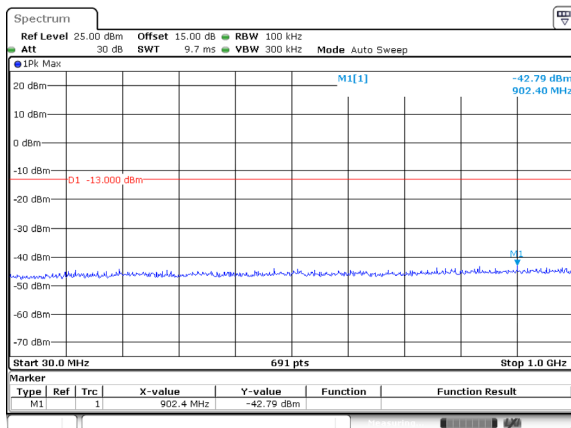
30 MHz – 1GHz WCDMA (Rel 99) Mode, Middle channel

ProjectNo. RKSA240906001 Tester.Jason Lu
Date: 6 DEC 2024 13:32:09

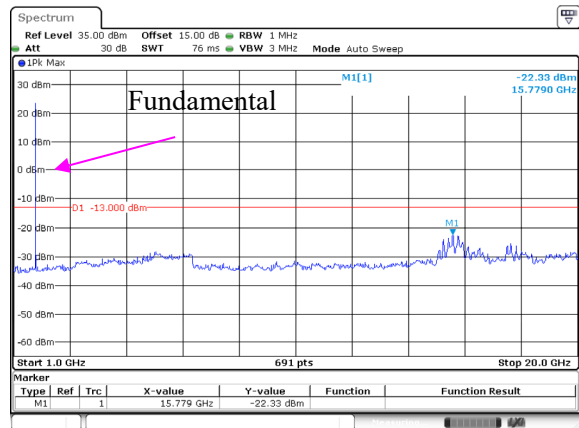
1 GHz – 18 GHz WCDMA (Rel 99) Mode, Middle channel

ProjectNo. RKSA240906001 Tester.Jason Lu
Date: 18 DEC 2024 13:55:05

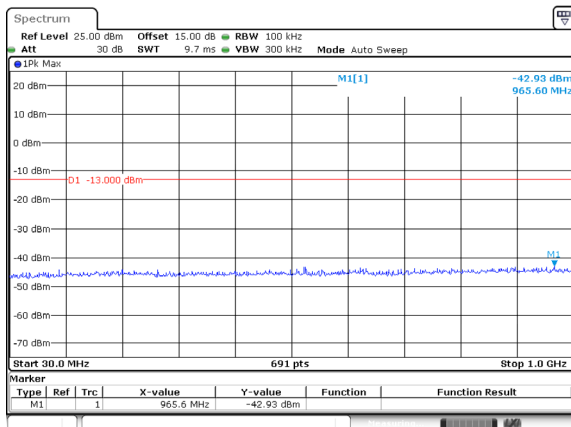
30 MHz – 1GHz WCDMA (HSDPA) Mode, Middle channel

ProjectNo. RKSA240906001 Tester.Jason Lu
Date: 6 DEC 2024 13:34:25

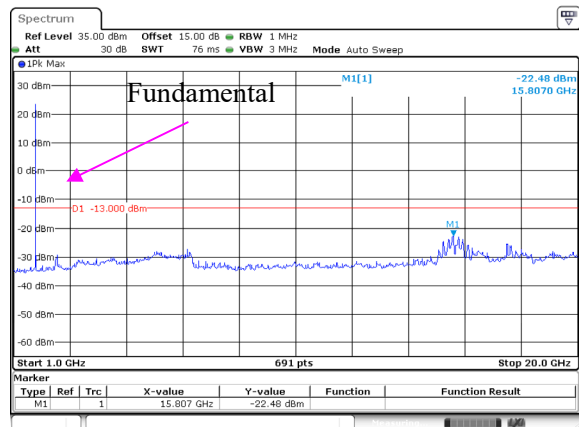
1 GHz – 18 GHz WCDMA (HSDPA) Mode, Middle channel

ProjectNo. RKSA240906001 Tester.Jason Lu
Date: 18 DEC 2024 13:55:50

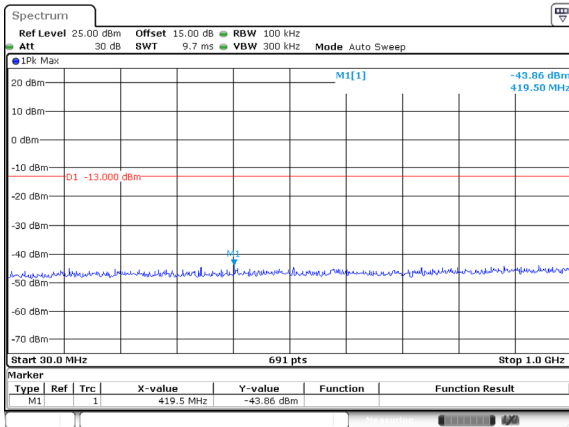
30 MHz – 1GHz WCDMA (HSUPA) Mode, Middle channel

ProjectNo. RKSA240906001 Tester.Jason Lu
Date: 6 DEC 2024 13:32:49

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

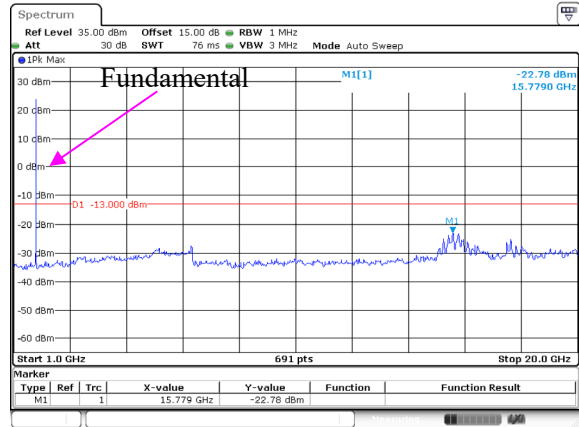
ProjectNo. RKSA240906001 Tester.Jason Lu
Date: 18 DEC 2024 14:01:43

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



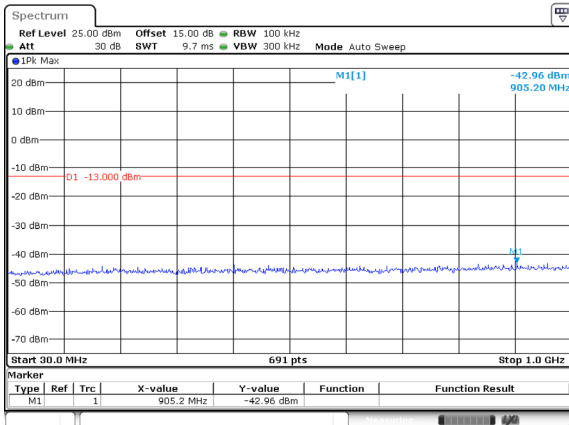
ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 6 DEC 2024 13:33:12

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



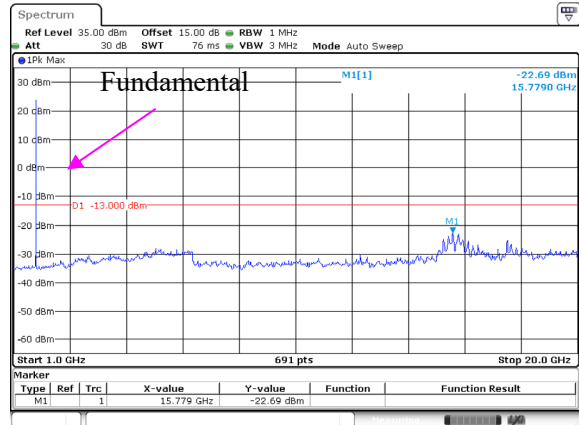
ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 18 DEC 2024 13:57:36

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



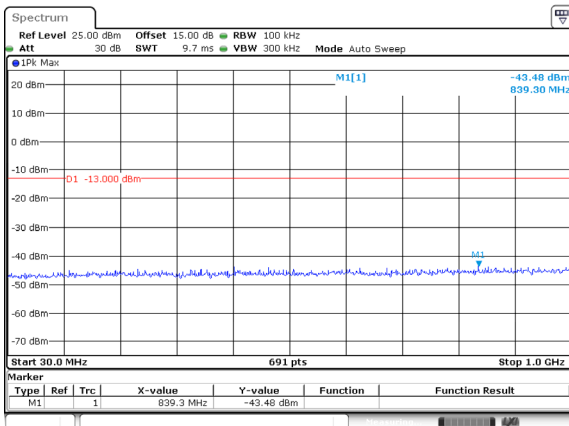
ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 6 DEC 2024 13:33:40

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



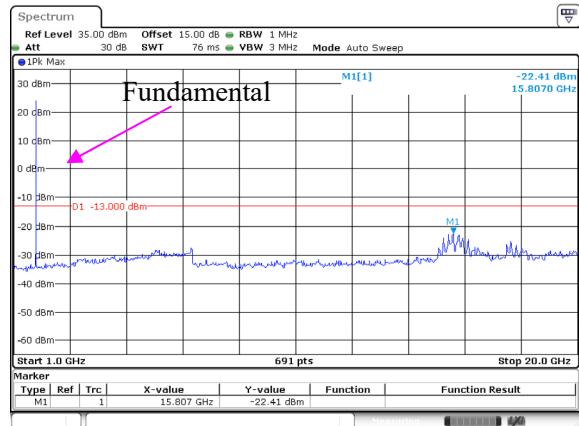
ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 18 DEC 2024 14:02:46

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



ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 6 DEC 2024 13:33:23

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



ProjectNo. RKSA240906001 Tester:Jason Lu
Date: 18 DEC 2024 13:57:55

SPURIOUS RADIATED EMISSIONS*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										
286.40	54.62	348	150	H	-51.02	0.45	-2.18	-53.65	-13	40.65
286.40	54.86	239	150	V	-52.17	0.45	-2.18	-54.80	-13	41.80
1648.40	62.62	228	100	H	-50.73	0.84	8.44	-43.13	-13	30.13
1648.40	61.84	189	100	V	-51.51	0.84	8.44	-43.91	-13	30.91
GPRS Mode, Middle channel										
286.40	54.84	313	150	H	-50.80	0.45	-2.18	-53.43	-13	40.43
286.40	55.38	135	150	V	-51.65	0.45	-2.18	-54.28	-13	41.28
1673.20	62.38	82	200	H	-50.79	0.84	8.48	-43.15	-13	30.15
1673.20	61.68	30	150	V	-51.49	0.84	8.48	-43.85	-13	30.85
GPRS Mode, High channel										
286.40	54.94	345	150	H	-50.70	0.45	-2.18	-53.33	-13	40.33
286.40	55.41	207	150	V	-51.62	0.45	-2.18	-54.25	-13	41.25
1697.60	60.74	171	200	H	-52.26	0.84	8.52	-44.58	-13	31.58
1697.60	60.12	109	100	V	-52.88	0.84	8.52	-45.20	-13	32.20

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										
315.40	56.70	83	100	H	-50.90	0.47	-2.03	-53.40	-13	40.40
315.40	53.65	290	200	V	-51.80	0.47	-2.03	-54.30	-13	41.30
1652.80	62.41	163	150	H	-50.90	0.84	8.44	-43.30	-13	30.30
1652.80	61.62	170	200	V	-51.69	0.84	8.44	-44.09	-13	31.09
WCDMA Mode, Middle channel										
315.40	56.66	258	150	H	-50.94	0.47	-2.03	-53.44	-13	40.44
315.40	53.42	235	150	V	-52.03	0.47	-2.03	-54.53	-13	41.53
1673.20	61.98	357	150	H	-51.19	0.84	8.48	-43.55	-13	30.55
1673.20	61.34	184	100	V	-51.83	0.84	8.48	-44.19	-13	31.19
WCDMA Mode, High channel										
315.40	56.40	12	100	H	-51.20	0.47	-2.03	-53.70	-13	40.70
315.40	53.50	274	200	V	-51.95	0.47	-2.03	-54.45	-13	41.45
1693.20	62.09	225	150	H	-50.94	0.84	8.51	-43.27	-13	30.27
1693.20	61.24	178	100	V	-51.79	0.84	8.51	-44.12	-13	31.12

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										
318.90	56.37	303	200	H	-51.31	0.47	-2.00	-53.78	-13	40.78
318.90	53.30	217	150	V	-52.02	0.47	-2.00	-54.49	-13	41.49
3700.40	54.75	90	200	H	-52.22	0.95	9.78	-43.39	-13	30.39
3700.40	54.51	255	100	V	-52.46	0.95	9.78	-43.63	-13	30.63
GPRS Mode, Middle channel										
318.90	56.62	195	150	H	-51.06	0.47	-2.00	-53.53	-13	40.53
318.90	53.53	19	150	V	-51.79	0.47	-2.00	-54.26	-13	41.26
3760.00	54.65	10	200	H	-52.13	0.95	9.74	-43.34	-13	30.34
3760.00	54.11	165	100	V	-52.67	0.95	9.74	-43.88	-13	30.88
GPRS Mode, High channel										
318.90	56.35	31	100	H	-51.33	0.47	-2.00	-53.80	-13	40.80
318.90	53.17	20	100	V	-52.15	0.47	-2.00	-54.62	-13	41.62
3819.60	54.58	62	150	H	-52.01	0.96	9.71	-43.26	-13	30.26
3819.60	54.19	184	100	V	-52.40	0.96	9.71	-43.65	-13	30.65

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										
326.70	56.78	28	100	H	-51.09	0.48	-1.94	-53.51	-13	40.51
326.70	53.19	75	150	V	-51.84	0.48	-1.94	-54.26	-13	41.26
3704.80	54.77	303	150	H	-52.18	0.95	9.78	-43.35	-13	30.35
3704.80	54.15	128	100	V	-52.80	0.95	9.78	-43.97	-13	30.97
WCDMA Mode, Middle channel										
326.70	56.79	23	150	H	-51.08	0.48	-1.94	-53.50	-13	40.50
326.70	53.22	244	200	V	-51.81	0.48	-1.94	-54.23	-13	41.23
3760.00	54.76	161	150	H	-52.02	0.95	9.74	-43.23	-13	30.23
3760.00	54.39	156	150	V	-52.39	0.95	9.74	-43.60	-13	30.60
WCDMA Mode, High channel										
326.70	56.76	41	200	H	-51.11	0.48	-1.94	-53.53	-13	40.53
326.70	52.69	310	150	V	-52.34	0.48	-1.94	-54.76	-13	41.76
3815.20	54.64	42	200	H	-51.96	0.96	9.71	-43.21	-13	30.21
3815.20	54.04	259	150	V	-52.56	0.96	9.71	-43.81	-13	30.81

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										
286.30	54.51	202	150	H	-51.12	0.45	-2.18	-53.75	-13	40.75
286.30	54.91	205	200	V	-52.13	0.45	-2.18	-54.76	-13	41.76
3424.80	56.00	320	150	H	-51.92	0.93	9.83	-43.02	-13	30.02
3424.80	54.83	129	150	V	-53.09	0.93	9.83	-44.19	-13	31.19
Middle channel										
286.30	54.78	65	100	H	-50.85	0.45	-2.18	-53.48	-13	40.48
286.30	55.09	172	200	V	-51.95	0.45	-2.18	-54.58	-13	41.58
3465.20	55.76	321	150	H	-51.99	0.93	9.87	-43.05	-13	30.05
3465.20	54.80	284	100	V	-52.95	0.93	9.87	-44.01	-13	31.01
High channel										
286.30	54.67	286	150	H	-50.96	0.45	-2.18	-53.59	-13	40.59
286.30	55.38	303	150	V	-51.66	0.45	-2.18	-54.29	-13	41.29
3505.20	55.26	140	150	H	-52.32	0.93	9.90	-43.35	-13	30.35
3505.20	54.62	109	100	V	-52.96	0.93	9.90	-43.99	-13	30.99

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										
264.80	52.38	315	100	H	-50.76	0.45	-2.22	-53.43	-13	40.43
264.80	56.78	159	150	V	-51.83	0.45	-2.22	-54.50	-13	41.50
1649.40	62.28	99	150	H	-51.06	0.84	8.44	-43.46	-13	30.46
1649.40	61.73	168	150	V	-51.61	0.84	8.44	-44.01	-13	31.01
QPSK 1.4MHz Bandwidth Middle Channel										
264.80	52.37	336	100	H	-50.77	0.45	-2.22	-53.44	-13	40.44
264.80	56.49	224	100	V	-52.12	0.45	-2.22	-54.79	-13	41.79
1673.00	62.32	10	200	H	-50.85	0.84	8.48	-43.21	-13	30.21
1673.00	61.85	239	200	V	-51.32	0.84	8.48	-43.68	-13	30.68
QPSK 1.4MHz Bandwidth High Channel										
264.80	52.38	2	150	H	-50.76	0.45	-2.22	-53.43	-13	40.43
264.80	56.86	121	200	V	-51.75	0.45	-2.22	-54.42	-13	41.42
1696.60	61.98	133	150	H	-51.03	0.84	8.52	-43.35	-13	30.35
1696.60	61.49	4	100	V	-51.52	0.84	8.52	-43.84	-13	30.84

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										
328.40	56.35	338	100	H	-51.56	0.48	-1.92	-53.96	-13	40.96
328.40	52.85	347	100	V	-52.11	0.48	-1.92	-54.51	-13	41.51
3701.40	55.17	195	200	H	-51.79	0.95	9.78	-42.96	-13	29.96
3701.40	54.16	104	100	V	-52.80	0.95	9.78	-43.97	-13	30.97
QPSK 1.4MHz Bandwidth Middle Channel										
328.40	56.44	342	150	H	-51.47	0.48	-1.92	-53.87	-13	40.87
328.40	52.65	347	100	V	-52.31	0.48	-1.92	-54.71	-13	41.71
3760.00	54.76	336	150	H	-52.02	0.95	9.74	-43.23	-13	30.23
3760.00	54.30	315	100	V	-52.48	0.95	9.74	-43.69	-13	30.69
QPSK 1.4MHz Bandwidth High Channel										
328.40	56.33	217	150	H	-51.58	0.48	-1.92	-53.98	-13	40.98
328.40	52.82	319	150	V	-52.14	0.48	-1.92	-54.54	-13	41.54
3818.60	60.36	315	100	H	-51.18	0.85	8.85	-43.18	-13	30.18
3818.60	59.82	52	200	V	-51.72	0.85	8.85	-43.72	-13	30.72

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										
282.50	54.05	315	200	H	-51.14	0.45	-2.19	-53.78	-13	40.78
282.50	55.20	45	150	V	-52.11	0.45	-2.19	-54.75	-13	41.75
3421.40	55.91	207	150	H	-52.03	0.93	9.82	-43.14	-13	30.14
3421.40	55.46	342	100	V	-52.48	0.93	9.82	-43.59	-13	30.59
QPSK 1.4MHz Bandwidth Middle Channel										
282.50	53.91	336	150	H	-51.28	0.45	-2.19	-53.92	-13	40.92
282.50	59.00	161	100	V	-48.31	0.37	-6.05	-54.73	-13	41.73
3465.00	55.60	350	100	H	-52.15	0.93	9.87	-43.21	-13	30.21
3465.00	54.64	197	200	V	-53.11	0.93	9.87	-44.17	-13	31.17
QPSK 1.4MHz Bandwidth High Channel										
282.50	53.99	194	200	H	-51.20	0.45	-2.19	-53.84	-13	40.84
282.50	55.59	307	100	V	-51.72	0.45	-2.19	-54.36	-13	41.36
3508.60	55.35	135	150	H	-52.22	0.93	9.89	-43.26	-13	30.26
3508.60	54.89	105	200	V	-52.68	0.93	9.89	-43.72	-13	30.72

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										
268.10	52.25	202	200	H	-51.27	0.45	-2.21	-53.93	-25	28.93
268.10	56.26	337	150	V	-52.11	0.45	-2.21	-54.77	-25	29.77
5005.00	53.80	116	100	H	-52.19	1.08	10.30	-42.97	-25	17.97
5005.00	52.68	248	100	V	-53.31	1.08	10.30	-44.09	-25	19.09
QPSK 5MHz Bandwidth Middle Channel										
268.10	52.45	333	100	H	-51.07	0.45	-2.21	-53.73	-25	28.73
268.10	56.38	68	150	V	-51.99	0.45	-2.21	-54.65	-25	29.65
5070.00	53.25	352	200	H	-52.38	1.09	10.30	-43.17	-25	18.17
5070.00	52.71	247	100	V	-52.92	1.09	10.30	-43.71	-25	18.71
QPSK 5MHz Bandwidth High Channel										
268.10	52.33	249	100	H	-51.19	0.45	-2.21	-53.85	-25	28.85
268.10	56.61	173	150	V	-51.76	0.45	-2.21	-54.42	-25	29.42
5135.00	52.53	281	150	H	-52.74	1.10	10.30	-43.54	-25	18.54
5135.00	52.39	161	100	V	-52.88	1.10	10.30	-43.68	-25	18.68

30 MHz ~ 26.5 GHz:

LTE Band 38:

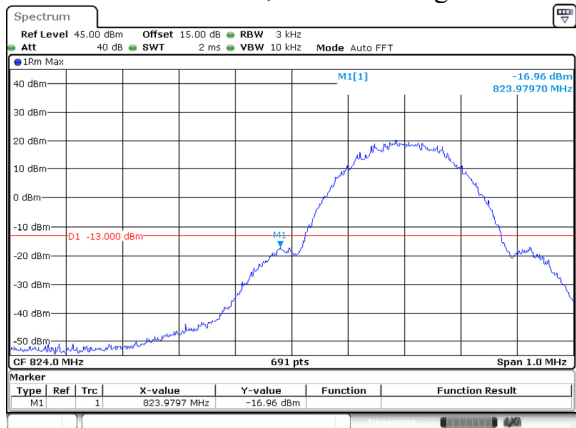
Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Height (cm)	Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel										
274.60	53.49	70	200	H	-50.78	0.45	-2.20	-53.43	-25	28.43
274.60	55.78	358	150	V	-52.11	0.45	-2.20	-54.76	-25	29.76
5145.00	52.85	241	100	H	-52.53	1.09	10.30	-43.32	-25	18.32
5145.00	52.58	310	200	V	-52.80	1.09	10.30	-43.59	-25	18.59
QPSK 5MHz Bandwidth Middle Channel										
274.60	53.42	341	150	H	-50.85	0.45	-2.20	-53.50	-25	28.50
274.60	56.30	357	100	V	-51.59	0.45	-2.20	-54.24	-25	29.24
5190.00	52.66	22	200	H	-52.19	1.11	10.30	-43.00	-25	18.00
5190.00	52.04	188	150	V	-52.81	1.11	10.30	-43.62	-25	18.62
QPSK 5MHz Bandwidth High Channel										
274.60	53.17	307	100	H	-51.10	0.45	-2.20	-53.75	-25	28.75
274.60	56.31	266	200	V	-51.58	0.45	-2.20	-54.23	-25	29.23
5235.00	51.59	18	150	H	-52.62	1.12	10.30	-43.44	-25	18.44
5235.00	51.36	257	100	V	-52.85	1.12	10.30	-43.67	-25	18.67

BAND EDGES

EUT operation mode: Transmitting
Test Result: Compliant.

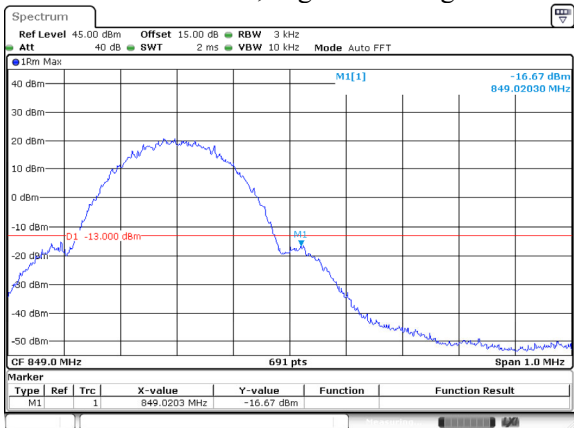
GPRS 850 Band:

GPRS Mode, Left Band Edge



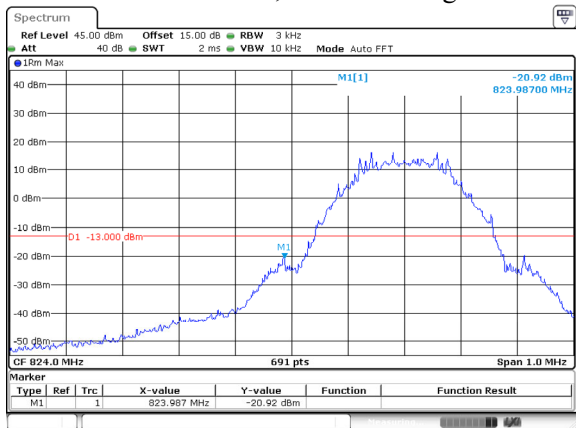
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 9 DEC 2024 10:50:22

GPRS Mode, Right Band Edge



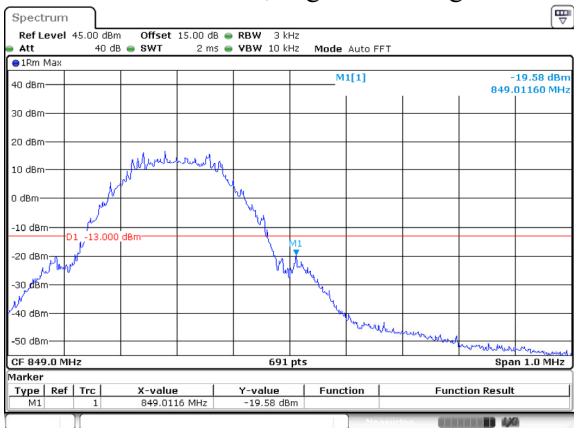
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Date: 9 DEC 2024 10:48:29

EGPRS Mode, Left Band Edge

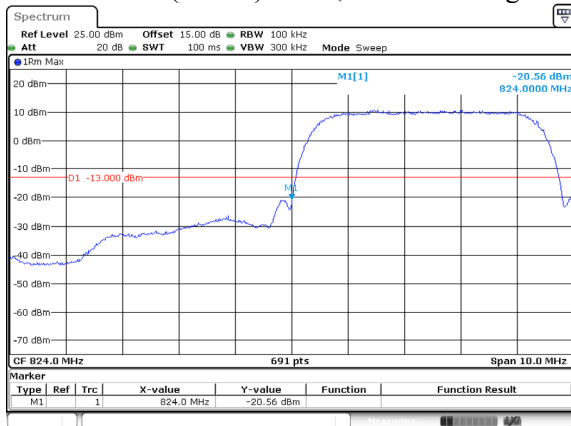


ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 9 DEC 2024 10:55:11

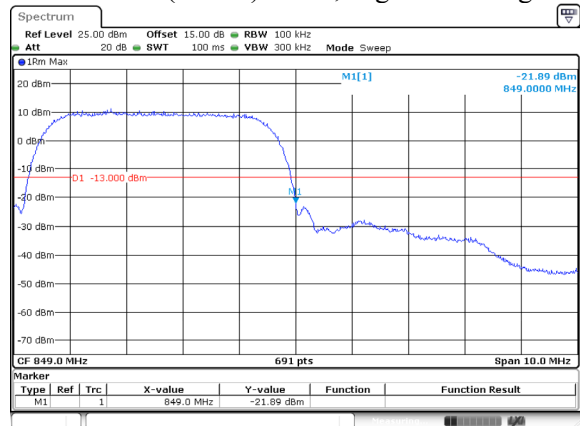
EGPRS Mode, Right Band Edge



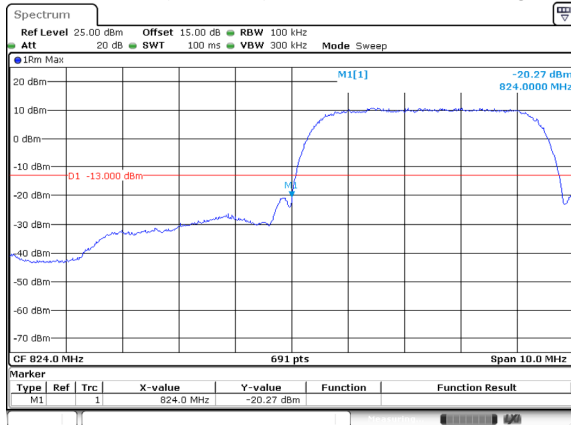
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Date: 9 DEC 2024 10:56:41

WCDMA Band V**WCDMA (Rel 99) Mode, Left Band Edge**

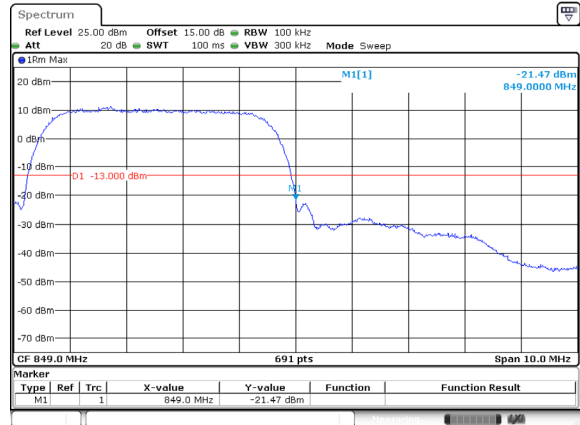
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:28:37

WCDMA (Rel 99) Mode, Right Band Edge

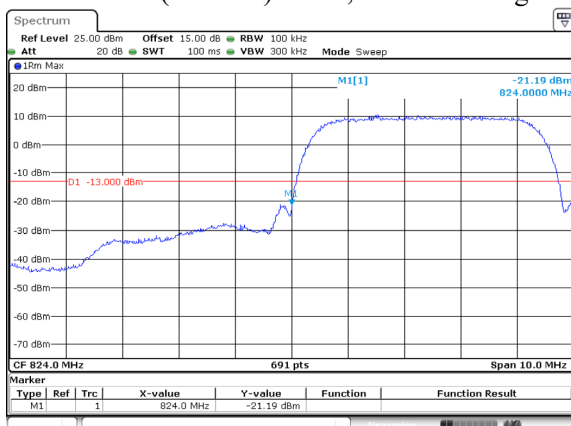
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:31:07

WCDMA (HSDPA) Mode, Left Band Edge

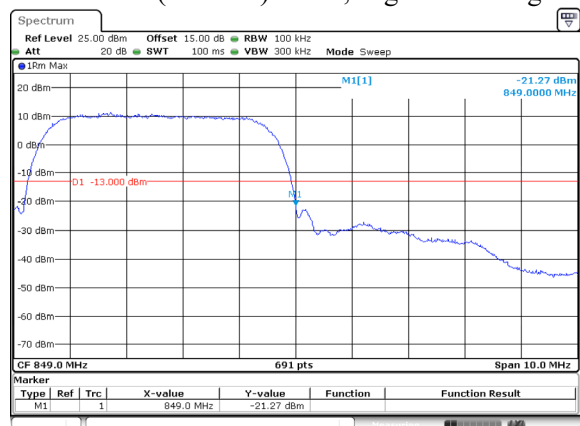
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:29:08

WCDMA (HSDPA) Mode, Right Band Edge

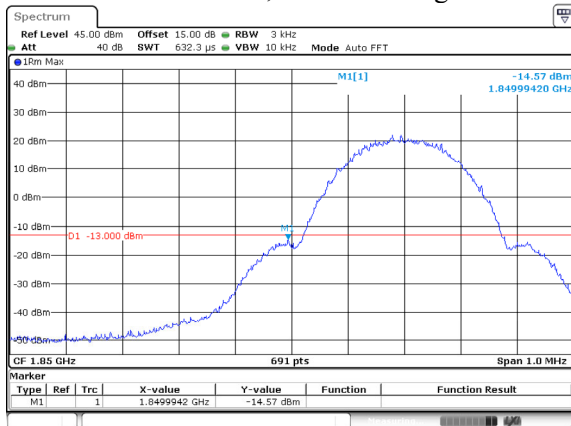
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:31:24

WCDMA (HSUPA) Mode, Left Band Edge

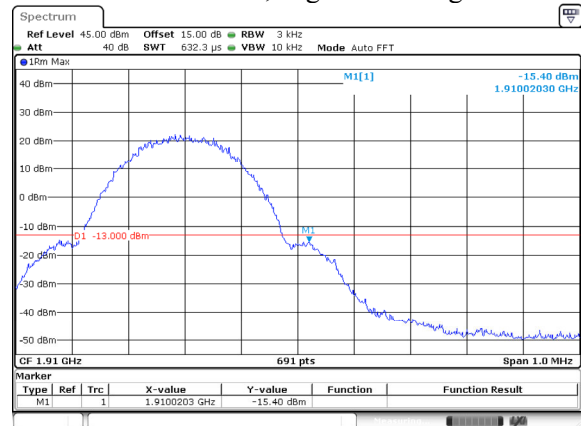
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Date: 6 DEC 2024 14:29:27

WCDMA (HSUPA) Mode, Right Band Edge

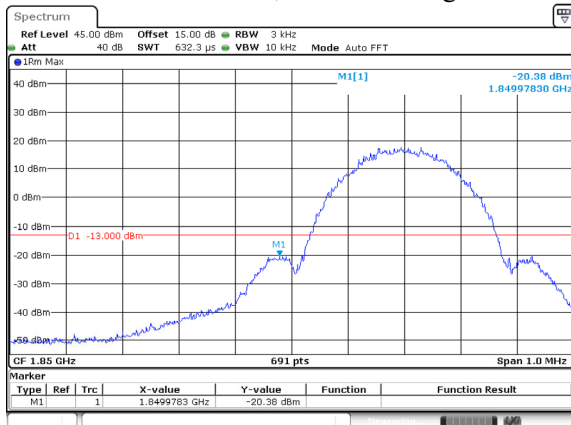
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Date: 6 DEC 2024 14:31:40

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

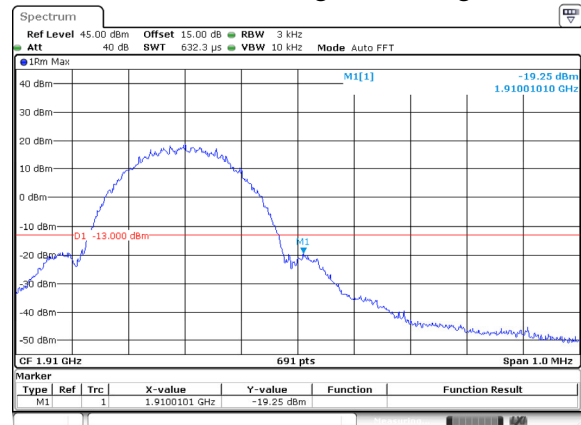
ProjectNo.:RKSA240906001 Tester:Jason Lu
Date: 9 DEC 2024 10:37:52

GPRS Mode, Right Band Edge

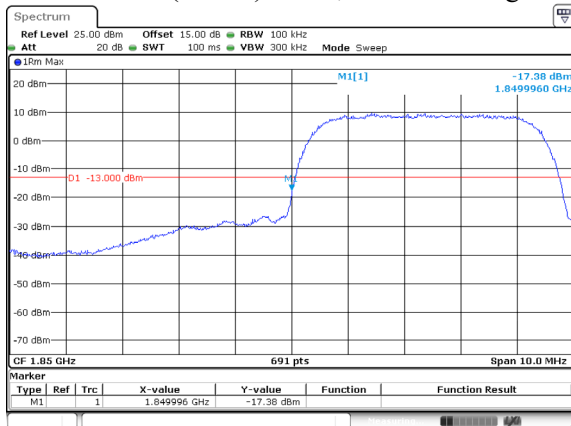
ProjectNo.:RKSA240906001 Tester:Jason Lu
Date: 9 DEC 2024 10:40:40

EGPRS Mode, Left Band Edge

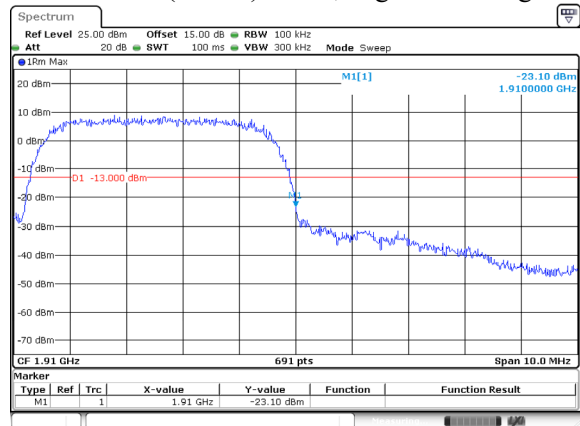
ProjectNo.:RKSA240906001 Tester:Jason Lu
Date: 9 DEC 2024 10:33:48

EGPRS Mode, Right Band Edge

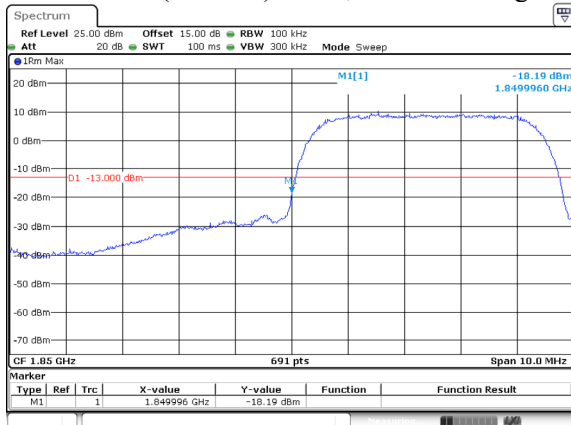
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Date: 9 DEC 2024 10:43:10

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

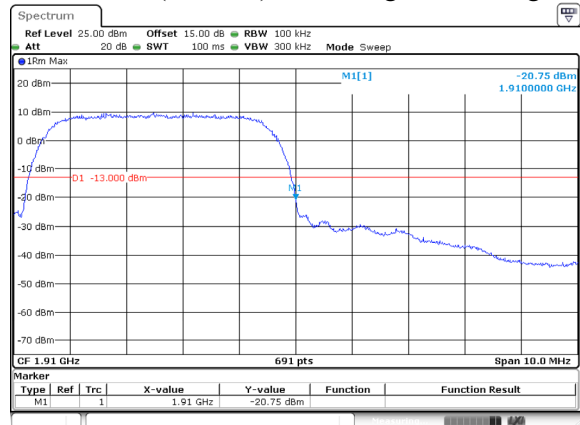
ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:21:01

WCDMA (Rel 99) Mode, Right Band Edge

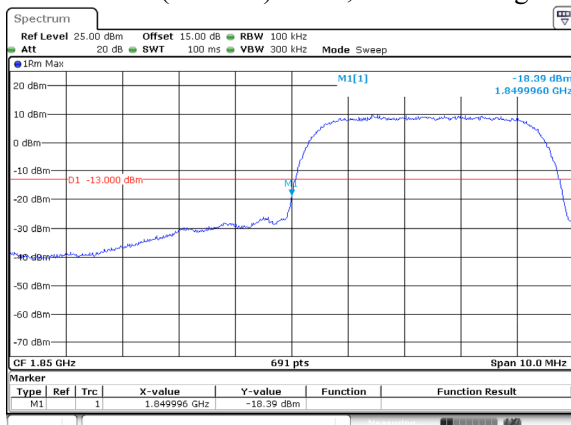
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Date: 6 DEC 2024 14:23:47

WCDMA (HSDPA) Mode, Left Band Edge

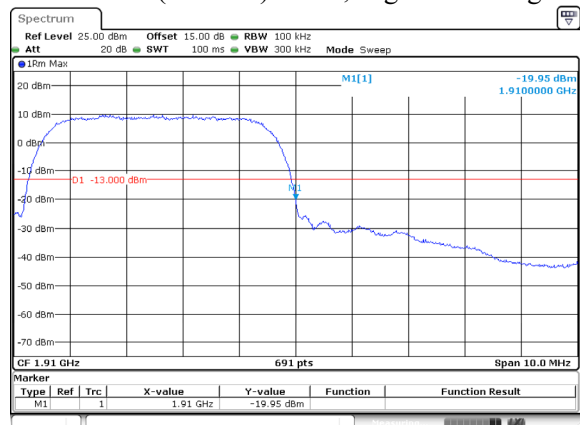
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Date: 6 DEC 2024 14:21:28

WCDMA (HSDPA) Mode, Right Band Edge

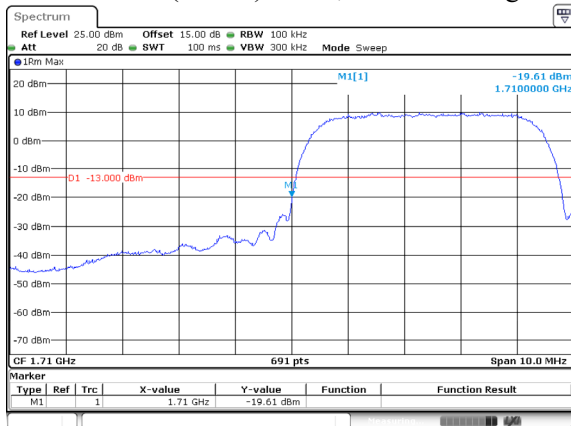
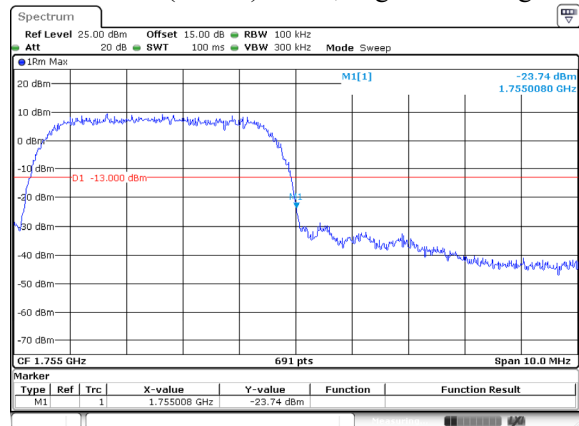
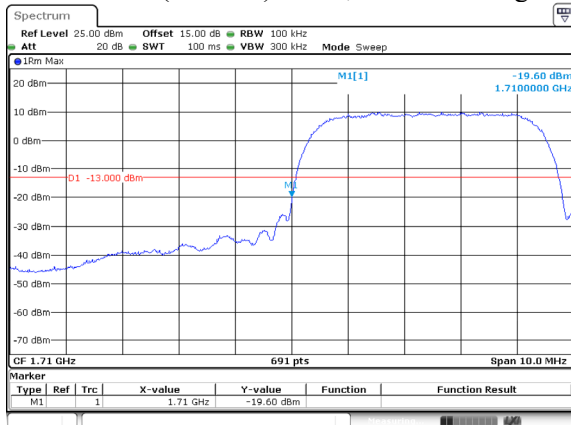
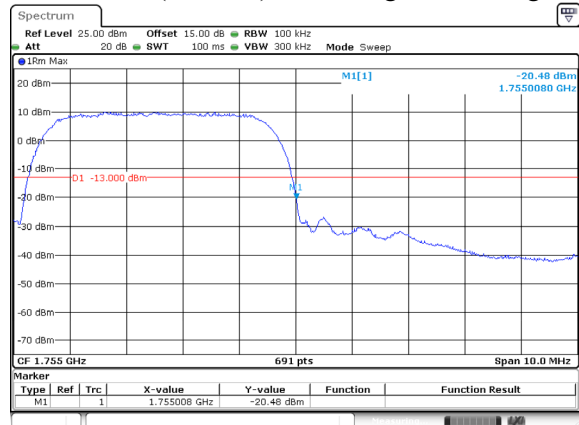
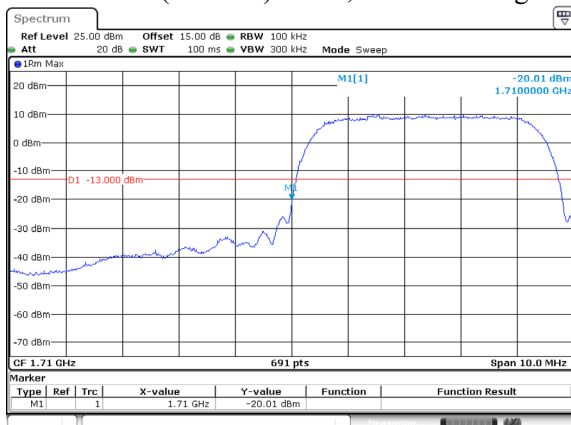
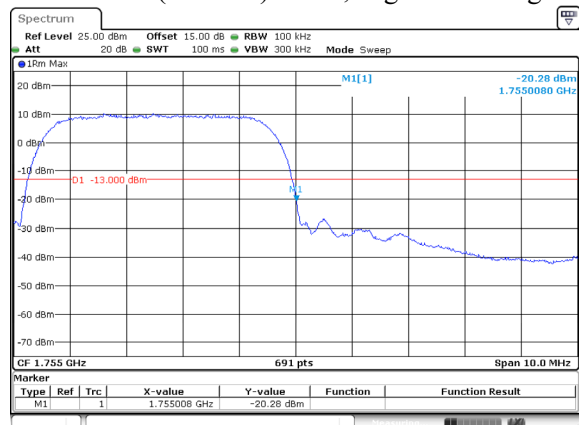
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Date: 6 DEC 2024 14:24:34

WCDMA (HSUPA) Mode, Left Band Edge

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:22:01

WCDMA (HSUPA) Mode, Right Band Edge

ProjectNo.: RKSA240906001 Tester: Jason Lu
Date: 6 DEC 2024 14:24:55

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**

FREQUENCY STABILITY*EUT operation mode: Transmitting*

GPRS 850,Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.8	11	0.01315	2.5
-20		23	0.02749	2.5
-10		15	0.01793	2.5
0		15	0.01793	2.5
10		9	0.01076	2.5
20		19	0.02271	2.5
30		21	0.02510	2.5
40		5	0.00598	2.5
50		19	0.02271	2.5
20	V min.= 3.42	12	0.01434	2.5
20	V max.= 4.18	14	0.01673	2.5

EGPRS 850, Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.8	21	0.02510	2.5
-20		17	0.02032	2.5
-10		14	0.01673	2.5
0		19	0.02271	2.5
10		32	0.03825	2.5
20		40	0.04781	2.5
30		21	0.02510	2.5
40		15	0.01793	2.5
50		16	0.01913	2.5
20	V min.= 3.42	31	0.03705	2.5
20	V max.= 4.18	25	0.02988	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	3.8	1850.122	1909.978	1850	1910
-20		1850.111	1909.981	1850	1910
-10		1850.113	1909.973	1850	1910
0		1850.105	1909.982	1850	1910
10		1850.120	1909.973	1850	1910
20		1850.116	1909.981	1850	1910
30		1850.120	1909.984	1850	1910
40		1850.116	1909.978	1850	1910
50		1850.119	1909.984	1850	1910
20	V min.= 3.42	1850.120	1909.976	1850	1910
20	V max.= 4.18	1850.123	1909.977	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	3.8	1850.125	1909.982	1850	1910
-20		1850.121	1909.976	1850	1910
-10		1850.106	1909.974	1850	1910
0		1850.131	1909.976	1850	1910
10		1850.115	1909.975	1850	1910
20		1850.128	1909.979	1850	1910
30		1850.118	1909.981	1850	1910
40		1850.121	1909.980	1850	1910
50		1850.116	1909.979	1850	1910
20	V min.= 3.42	1850.111	1909.977	1850	1910
20	V max.= 4.18	1850.127	1909.975	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	3.8	1850.131	1909.971	1850	1910
-20		1850.107	1909.973	1850	1910
-10		1850.124	1909.971	1850	1910
0		1850.119	1909.971	1850	1910
10		1850.120	1909.975	1850	1910
20		1850.125	1909.977	1850	1910
30		1850.129	1909.979	1850	1910
40		1850.104	1909.972	1850	1910
50		1850.128	1909.976	1850	1910
20	V min.= 3.42	1850.107	1909.973	1850	1910
20	V max.= 4.18	1850.115	1909.974	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	3.8	1710.122	1754.979	1710	1755
-20		1710.124	1754.971	1710	1755
-10		1710.135	1754.978	1710	1755
0		1710.144	1754.972	1710	1755
10		1710.140	1754.971	1710	1755
20		1710.151	1754.977	1710	1755
30		1710.124	1754.975	1710	1755
40		1710.146	1754.981	1710	1755
50		1710.121	1754.975	1710	1755
20	V min.= 3.42	1710.145	1754.977	1710	1755
20	V max.= 4.18	1710.126	1754.976	1710	1755

WCDMA Band V:

WCDMA Mode , Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.8	19	0.02271	2.5
-20		13	0.01554	2.5
-10		23	0.02749	2.5
0		20	0.02391	2.5
10		15	0.01793	2.5
20		11	0.01315	2.5
30		33	0.03945	2.5
40		41	0.04901	2.5
50		25	0.02988	2.5
20	V min.= 3.42	23	0.02749	2.5
20	V max.= 4.18	15	0.01793	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	3.8	1850.150	1909.971	1850	1910
-20		1850.103	1909.978	1850	1910
-10		1850.104	1909.977	1850	1910
0		1850.132	1909.978	1850	1910
10		1850.117	1909.974	1850	1910
20		1850.107	1909.979	1850	1910
30		1850.103	1909.975	1850	1910
40		1850.130	1909.974	1850	1910
50		1850.120	1909.971	1850	1910
20	V min.= 3.42	1850.123	1909.973	1850	1910
20	V max.= 4.18	1850.102	1909.974	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	3.8	1850.157	1909.973	1850	1910
-20		1850.126	1909.972	1850	1910
-10		1850.121	1909.971	1850	1910
0		1850.110	1909.972	1850	1910
10		1850.124	1909.975	1850	1910
20		1850.103	1909.970	1850	1910
30		1850.117	1909.977	1850	1910
40		1850.126	1909.973	1850	1910
50		1850.108	1909.976	1850	1910
20	V min.= 3.42	1850.115	1909.978	1850	1910
20	V max.= 4.18	1850.126	1909.976	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	3.8	1710.130	1754.972	1710	1755
-20		1710.122	1754.972	1710	1755
-10		1710.138	1754.973	1710	1755
0		1710.143	1754.975	1710	1755
10		1710.126	1754.975	1710	1755
20		1710.141	1754.979	1710	1755
30		1710.141	1754.971	1710	1755
40		1710.122	1754.983	1710	1755
50		1710.124	1754.982	1710	1755
20	V min.= 3.42	1710.128	1754.975	1710	1755
20	V max.= 4.18	1710.144	1754.974	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	3.8	1710.122	1754.972	1710	1755
-20		1710.150	1754.983	1710	1755
-10		1710.130	1754.976	1710	1755
0		1710.148	1754.978	1710	1755
10		1710.127	1754.976	1710	1755
20		1710.131	1754.981	1710	1755
30		1710.126	1754.978	1710	1755
40		1710.139	1754.972	1710	1755
50		1710.132	1754.974	1710	1755
20	V min.= 3.42	1710.126	1754.982	1710	1755
20	V max.= 4.18	1710.138	1754.981	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	3.8	26	0.03108	2.5
-20		21	0.02510	2.5
-10		28	0.03347	2.5
0		15	0.01793	2.5
10		11	0.01315	2.5
20		43	0.05140	2.5
30		21	0.02510	2.5
40		32	0.03825	2.5
50		42	0.05021	2.5
20	V min.= 3.42	16	0.01913	2.5
20	V max.= 4.18	20	0.02391	2.5

16-QAM, 10.0 MHz, Middle channel				
Temperature (°C)	Voltage Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.8	18	0.02152	2.5
-20		15	0.01793	2.5
-10		30	0.03586	2.5
0		41	0.04901	2.5
10		29	0.03467	2.5
20		16	0.01913	2.5
30		31	0.03706	2.5
40		28	0.03347	2.5
50		15	0.01793	2.5
20	V min.= 3.42	39	0.04662	2.5
20	V max.= 4.18	16	0.01913	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	3.8	2500.184	2569.969	2500	2570
-20		2500.128	2569.981	2500	2570
-10		2500.161	2569.984	2500	2570
0		2500.124	2569.964	2500	2570
10		2500.127	2569.966	2500	2570
20		2500.142	2569.977	2500	2570
30		2500.196	2569.979	2500	2570
40		2500.123	2569.986	2500	2570
50		2500.171	2569.965	2500	2570
20	V min.= 3.42	2500.141	2569.968	2500	2570
20	V max.= 4.18	2500.168	2569.985	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	3.8	2500.127	2569.982	2500	2570
-20		2500.181	2569.972	2500	2570
-10		2500.138	2569.972	2500	2570
0		2500.157	2569.972	2500	2570
10		2500.135	2569.972	2500	2570
20		2500.132	2569.978	2500	2570
30		2500.189	2569.976	2500	2570
40		2500.194	2569.973	2500	2570
50		2500.147	2569.968	2500	2570
20	V min.= 3.42	2500.123	2569.982	2500	2570
20	V max.= 4.18	2500.166	2569.973	2500	2570

LTE Band 38:

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	3.8	2570.125	2619.971	2570	2620
-20		2570.153	2619.980	2570	2620
-10		2570.139	2619.972	2570	2620
0		2570.129	2619.977	2570	2620
10		2570.126	2619.984	2570	2620
20		2570.118	2619.975	2570	2620
30		2570.133	2619.980	2570	2620
40		2570.136	2619.979	2570	2620
50		2570.135	2619.974	2570	2620
20	V min.= 3.42	2570.145	2619.977	2570	2620
20	V max.= 4.18	2570.119	2619.963	2570	2620

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	3.8	2570.119	2619.971	2570	2620
-20		2570.122	2619.979	2570	2620
-10		2570.149	2619.985	2570	2620
0		2570.127	2619.980	2570	2620
10		2570.128	2619.979	2570	2620
20		2570.128	2619.968	2570	2620
30		2570.144	2619.982	2570	2620
40		2570.131	2619.973	2570	2620
50		2570.140	2619.978	2570	2620
20	V min.= 3.42	2570.131	2619.978	2570	2620
20	V max.= 4.18	2570.114	2619.977	2570	2620

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 *******