

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

Test Date:	2026-01-04 to 2026-01-13
Temperature:	20-21°C
Relative Humidity:	50-52 %
ATM Pressure:	101.0-102.0 kPa
Test Result:	Pass
Test Engineer:	Hugh Wu

Test mode: Transmitting (Pre-scan in the X, Y and Z axes of orientation, and worst case is Y axes as below)

30 MHz - 10 GHz:**GPRS 850 Band**

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
GPRS Mode, Low channel								
280.01	44.68	H	-60.22	0.45	-2.19	-62.86	-13	49.86
280.01	46.42	V	-61.08	0.45	-2.19	-63.72	-13	50.72
1648.40	45.62	H	-67.73	0.84	8.44	-60.13	-13	47.13
1648.40	46.73	V	-66.62	0.84	8.44	-59.02	-13	46.02
GPRS Mode, Middle channel								
366.71	46.67	H	-60.69	0.50	-1.62	-62.81	-13	49.81
366.71	42.47	V	-61.78	0.50	-1.62	-63.90	-13	50.90
1673.20	44.05	H	-69.12	0.84	8.48	-61.48	-13	48.48
1673.20	44.96	V	-68.21	0.84	8.48	-60.57	-13	47.57
GPRS Mode, High channel								
280.01	44.51	H	-60.39	0.45	-2.19	-63.03	-13	50.03
280.01	46.15	V	-61.35	0.45	-2.19	-63.99	-13	50.99
1697.60	43.95	H	-69.05	0.84	8.52	-61.37	-13	48.37
1697.60	44.78	V	-68.22	0.84	8.52	-60.54	-13	47.54

WCDMA Band V

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
Low channel								
202.66	51.78	H	-53.63	0.42	-3.86	-57.91	-13	44.91
202.66	50.78	V	-54.55	0.42	-3.86	-58.83	-13	45.83
1652.80	46.68	H	-66.63	0.84	8.44	-59.03	-13	46.03
1652.80	47.52	V	-65.79	0.84	8.44	-58.19	-13	45.19
Middle channel								
226.42	49.41	H	-54.00	0.43	-3.05	-57.48	-13	44.48
226.42	52.48	V	-55.04	0.43	-3.05	-58.52	-13	45.52
1673.20	45.76	H	-67.41	0.84	8.48	-59.77	-13	46.77
1673.20	46.90	V	-66.27	0.84	8.48	-58.63	-13	45.63
High channel								
274.19	49.55	H	-54.68	0.45	-2.20	-57.33	-13	44.33
274.19	54.43	V	-53.49	0.45	-2.20	-56.14	-13	43.14
1693.20	46.14	H	-66.89	0.84	8.51	-59.22	-13	46.22
1693.20	47.07	V	-65.96	0.84	8.51	-58.29	-13	45.29

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

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
Low channel								
280.01	46.05	H	-58.85	0.45	-2.19	-61.49	-13	48.49
280.01	47.76	V	-59.74	0.45	-2.19	-62.38	-13	49.38
3700.40	46.86	H	-60.11	0.95	9.78	-51.28	-13	38.28
3700.40	47.79	V	-59.18	0.95	9.78	-50.35	-13	37.35
Middle channel								
263.58	44.10	H	-58.90	0.45	-2.22	-61.57	-13	48.57
263.58	49.06	V	-59.64	0.45	-2.22	-62.31	-13	49.31
3760.00	46.72	H	-60.06	0.95	9.74	-51.27	-13	38.27
3760.00	47.69	V	-59.09	0.95	9.74	-50.30	-13	37.30
High channel								
226.80	45.59	H	-57.78	0.43	-3.04	-61.25	-13	48.25
226.80	48.90	V	-58.66	0.43	-3.04	-62.13	-13	49.13
3819.60	45.56	H	-61.03	0.96	9.71	-52.28	-13	39.28
3819.60	46.84	V	-59.75	0.96	9.71	-51.00	-13	38.00

WCDMA Band II

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
Low channel								
166.52	47.36	H	-57.68	0.39	-5.42	-63.49	-13	50.49
166.52	45.63	V	-56.49	0.39	-5.42	-62.30	-13	49.30
3704.80	44.70	H	-62.25	0.95	9.78	-53.42	-13	40.42
3704.80	45.81	V	-61.14	0.95	9.78	-52.31	-13	39.31
Middle channel								
166.52	47.64	H	-57.40	0.39	-5.42	-63.21	-13	50.21
166.52	45.56	V	-56.56	0.39	-5.42	-62.37	-13	49.37
3760.00	44.60	H	-62.18	0.95	9.74	-53.39	-13	40.39
3760.00	45.48	V	-61.30	0.95	9.74	-52.51	-13	39.51
High channel								
166.52	47.70	H	-57.34	0.39	-5.42	-63.15	-13	50.15
166.52	44.98	V	-57.14	0.39	-5.42	-62.95	-13	49.95
3815.20	41.29	H	-65.31	0.96	9.71	-56.56	-13	43.56
3815.20	45.18	V	-61.42	0.96	9.71	-52.67	-13	39.67

WCDMA Band IV

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
Low channel								
279.89	45.77	H	-59.12	0.45	-2.19	-61.76	-13	48.76
279.89	47.61	V	-59.90	0.45	-2.19	-62.54	-13	49.54
3424.80	47.55	H	-60.37	0.93	9.82	-51.48	-13	38.48
3424.80	46.60	V	-61.32	0.93	9.82	-52.43	-13	39.43
Middle channel								
367.43	47.88	H	-59.44	0.50	-1.61	-61.55	-13	48.55
367.43	43.93	V	-60.32	0.50	-1.61	-62.43	-13	49.43
3465.20	47.40	H	-60.35	0.93	9.87	-51.41	-13	38.41
3465.20	46.52	V	-61.23	0.93	9.87	-52.29	-13	39.29
High channel								
266.52	43.51	H	-59.83	0.45	-2.22	-62.50	-13	49.50
266.52	49.70	V	-58.79	0.45	-2.22	-61.46	-13	48.46
3505.20	47.05	H	-60.53	0.93	9.91	-51.55	-13	38.55
3505.20	46.12	V	-61.46	0.93	9.91	-52.48	-13	39.48

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

30 MHz ~ 10 GHz:

LTE Band 5:

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel								
198.65	51.54	H	-54.07	0.42	-4.01	-58.50	-13	45.50
198.65	49.96	V	-55.00	0.42	-4.01	-59.43	-13	46.43
1649.40	45.78	H	-67.56	0.84	8.44	-59.96	-13	46.96
1649.40	46.83	V	-66.51	0.84	8.44	-58.91	-13	45.91
16-QAM 1.4MHz Bandwidth Low Channel								
202.53	51.66	H	-53.76	0.42	-3.86	-58.04	-13	45.04
202.53	50.36	V	-54.95	0.42	-3.86	-59.23	-13	46.23
1649.40	46.06	H	-67.28	0.84	8.44	-59.68	-13	46.68
1649.40	46.81	V	-66.53	0.84	8.44	-58.93	-13	45.93
QPSK 1.4MHz Bandwidth Middle Channel								
226.42	50.74	H	-52.67	0.43	-3.05	-56.15	-13	43.15
226.42	53.93	V	-53.59	0.43	-3.05	-57.07	-13	44.07
1673.00	45.70	H	-67.47	0.84	8.48	-59.83	-13	46.83
1673.00	46.54	V	-66.63	0.84	8.48	-58.99	-13	45.99
16-QAM 1.4MHz Bandwidth Middle Channel								
278.68	50.27	H	-54.48	0.45	-2.19	-57.12	-13	44.12
278.68	52.07	V	-55.52	0.45	-2.19	-58.16	-13	45.16
1673.00	45.67	H	-67.50	0.84	8.48	-59.86	-13	46.86
1673.00	46.59	V	-66.58	0.84	8.48	-58.94	-13	45.94
QPSK 1.4MHz Bandwidth High Channel								
202.53	52.11	H	-53.31	0.42	-3.86	-57.59	-13	44.59
202.53	50.84	V	-54.47	0.42	-3.86	-58.75	-13	45.75
1696.60	45.68	H	-67.33	0.84	8.52	-59.65	-13	46.65
1696.60	46.54	V	-66.47	0.84	8.52	-58.79	-13	45.79
16-QAM 1.4MHz Bandwidth High Channel								
278.68	48.47	H	-56.28	0.45	-2.19	-58.92	-13	45.92
278.68	50.39	V	-57.20	0.45	-2.19	-59.84	-13	46.84
1696.60	45.46	H	-67.55	0.84	8.52	-59.87	-13	46.87
1696.60	46.42	V	-66.59	0.84	8.52	-58.91	-13	45.91

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

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel								
226.66	50.38	H	-53.01	0.43	-3.04	-56.48	-13	43.48
226.66	53.63	V	-53.91	0.43	-3.04	-57.38	-13	44.38
3701.40	45.79	H	-61.17	0.95	9.78	-52.34	-13	39.34
3701.40	44.87	V	-62.09	0.95	9.78	-53.26	-13	40.26
16-QAM 1.4MHz Bandwidth Low Channel								
202.78	51.95	H	-53.45	0.42	-3.86	-57.73	-13	44.73
202.78	51.00	V	-54.34	0.42	-3.86	-58.62	-13	45.62
3701.40	45.52	H	-61.44	0.95	9.78	-52.61	-13	39.61
3701.40	44.70	V	-62.26	0.95	9.78	-53.43	-13	40.43
QPSK 1.4MHz Bandwidth Middle Channel								
250.79	47.91	H	-53.60	0.44	-2.25	-56.29	-13	43.29
250.79	55.23	V	-54.41	0.44	-2.25	-57.10	-13	44.10
3760.00	45.59	H	-61.19	0.95	9.74	-52.40	-13	39.40
3760.00	44.61	V	-62.17	0.95	9.74	-53.38	-13	40.38
16-QAM 1.4MHz Bandwidth Middle Channel								
274.44	51.62	H	-52.64	0.45	-2.20	-55.29	-13	42.29
274.44	54.53	V	-53.38	0.45	-2.20	-56.03	-13	43.03
3760.00	45.40	H	-61.38	0.95	9.74	-52.59	-13	39.59
3760.00	44.41	V	-62.37	0.95	9.74	-53.58	-13	40.58
QPSK 1.4MHz Bandwidth High Channel								
282.56	51.36	H	-53.84	0.45	-2.18	-56.47	-13	43.47
282.56	52.60	V	-54.71	0.45	-2.18	-57.34	-13	44.34
3818.60	45.18	H	-61.41	0.96	9.71	-52.66	-13	39.66
3818.60	44.27	V	-62.32	0.96	9.71	-53.57	-13	40.57
16-QAM 1.4MHz Bandwidth High Channel								
261.52	49.10	H	-53.66	0.44	-2.23	-56.33	-13	43.33
261.52	54.28	V	-54.57	0.44	-2.23	-57.24	-13	44.24
3818.60	45.44	H	-61.15	0.96	9.71	-52.40	-13	39.40
3818.60	44.62	V	-61.97	0.96	9.71	-53.22	-13	40.22

LTE Band 4:

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel								
202.91	51.95	H	-53.43	0.42	-3.85	-57.70	-13	44.70
202.91	51.00	V	-54.35	0.42	-3.85	-58.62	-13	45.62
3421.40	45.94	H	-62.00	0.93	9.82	-53.11	-13	40.11
3421.40	46.85	V	-61.09	0.93	9.82	-52.20	-13	39.20
16-QAM 1.4MHz Bandwidth Low Channel								
226.78	50.31	H	-53.07	0.43	-3.04	-56.54	-13	43.54
226.78	53.65	V	-53.90	0.43	-3.04	-57.37	-13	44.37
3421.40	45.68	H	-62.26	0.93	9.82	-53.37	-13	40.37
3421.40	46.64	V	-61.30	0.93	9.82	-52.41	-13	39.41
QPSK 1.4MHz Bandwidth Middle Channel								
250.55	47.91	H	-53.57	0.44	-2.25	-56.26	-13	43.26
250.55	55.10	V	-54.56	0.44	-2.25	-57.25	-13	44.25
3465.00	46.34	H	-61.41	0.93	9.87	-52.47	-13	39.47
3465.00	47.22	V	-60.53	0.93	9.87	-51.59	-13	38.59
16-QAM 1.4MHz Bandwidth Middle Channel								
274.44	51.40	H	-52.86	0.45	-2.20	-55.51	-13	42.51
274.44	54.12	V	-53.79	0.45	-2.20	-56.44	-13	43.44
3465.00	45.57	H	-62.18	0.93	9.87	-53.24	-13	40.24
3465.00	46.42	V	-61.33	0.93	9.87	-52.39	-13	39.39
QPSK 1.4MHz Bandwidth High Channel								
231.88	50.21	H	-52.74	0.43	-2.87	-56.04	-13	43.04
231.88	54.57	V	-53.46	0.43	-2.87	-56.76	-13	43.76
3508.60	44.75	H	-62.82	0.93	9.89	-53.86	-13	40.86
3508.60	45.83	V	-61.74	0.93	9.89	-52.78	-13	39.78
16-QAM 1.4MHz Bandwidth High Channel								
226.78	50.53	H	-52.85	0.43	-3.04	-56.32	-13	43.32
226.78	53.86	V	-53.69	0.43	-3.04	-57.16	-13	44.16
3508.60	45.51	H	-62.06	0.93	9.89	-53.10	-13	40.10
3508.60	46.62	V	-60.95	0.93	9.89	-51.99	-13	38.99

LTE Band 66:

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 1.4MHz Bandwidth Low Channel								
179.15	52.07	H	-53.19	0.40	-4.87	-58.46	-13	45.46
179.15	49.16	V	-54.08	0.40	-4.87	-59.35	-13	46.35
3421.40	46.45	H	-61.49	0.93	9.82	-52.60	-13	39.60
3421.40	45.49	V	-62.45	0.93	9.82	-53.56	-13	40.56
16-QAM 1.4MHz Bandwidth Low Channel								
203.02	52.04	H	-53.34	0.42	-3.85	-57.61	-13	44.61
203.02	51.04	V	-54.32	0.42	-3.85	-58.59	-13	45.59
3421.40	47.45	H	-60.49	0.93	9.82	-51.60	-13	38.60
3421.40	46.59	V	-61.35	0.93	9.82	-52.46	-13	39.46
QPSK 1.4MHz Bandwidth Middle Channel								
226.91	50.24	H	-53.12	0.43	-3.04	-56.59	-13	43.59
226.91	53.66	V	-53.91	0.43	-3.04	-57.38	-13	44.38
3490.00	46.28	H	-61.36	0.93	9.89	-52.40	-13	39.40
3490.00	45.43	V	-62.21	0.93	9.89	-53.25	-13	40.25
16-QAM 1.4MHz Bandwidth Middle Channel								
251.04	47.97	H	-53.57	0.44	-2.25	-56.26	-13	43.26
251.04	54.93	V	-54.69	0.44	-2.25	-57.38	-13	44.38
3490.00	46.93	H	-60.71	0.93	9.89	-51.75	-13	38.75
3490.00	46.01	V	-61.63	0.93	9.89	-52.67	-13	39.67
QPSK 1.4MHz Bandwidth High Channel								
274.68	50.60	H	-53.68	0.45	-2.20	-56.33	-13	43.33
274.68	53.27	V	-54.62	0.45	-2.20	-57.27	-13	44.27
3558.60	46.92	H	-60.49	0.93	9.86	-51.56	-13	38.56
3558.60	46.07	V	-61.34	0.93	9.86	-52.41	-13	39.41
16-QAM 1.4MHz Bandwidth High Channel								
251.50	47.60	H	-53.99	0.44	-2.25	-56.68	-13	43.68
251.50	54.81	V	-54.78	0.44	-2.25	-57.47	-13	44.47
3558.60	46.55	H	-60.86	0.93	9.86	-51.93	-13	38.93
3558.60	45.63	V	-61.78	0.93	9.86	-52.85	-13	39.85

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

Frequency (MHz)	Receiver Reading (dBμV)	Rx Antenna	Substituted			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
		Polar (H/V)	Submitted Level (dBm)	Cable Loss (dB)	Antenna Gain (dBd/dBi)			
QPSK 5MHz Bandwidth Low Channel								
179.01	51.31	H	-53.95	0.40	-4.87	-59.22	-25	34.22
179.01	48.13	V	-55.09	0.40	-4.87	-60.36	-25	35.36
5005.00	53.55	H	-52.44	1.08	10.30	-43.22	-25	18.22
5005.00	54.40	V	-51.59	1.08	10.30	-42.37	-25	17.37
16-QAM 5MHz Bandwidth Low Channel								
202.90	51.25	H	-54.14	0.42	-3.85	-58.41	-25	33.41
202.90	50.10	V	-55.25	0.42	-3.85	-59.52	-25	34.52
5005.00	53.37	H	-52.62	1.08	10.30	-43.40	-25	18.40
5005.00	54.21	V	-51.78	1.08	10.30	-42.56	-25	17.56
QPSK 5MHz Bandwidth Middle Channel								
226.79	50.17	H	-53.20	0.43	-3.04	-56.67	-25	31.67
226.79	53.50	V	-54.06	0.43	-3.04	-57.53	-25	32.53
5070.00	52.95	H	-52.68	1.09	10.30	-43.47	-25	18.47
5070.00	53.84	V	-51.79	1.09	10.30	-42.58	-25	17.58
16-QAM 5MHz Bandwidth Middle Channel								
274.44	51.20	H	-53.06	0.45	-2.20	-55.71	-25	30.71
274.44	54.07	V	-53.84	0.45	-2.20	-56.49	-25	31.49
5070.00	52.93	H	-52.70	1.09	10.30	-43.49	-25	18.49
5070.00	53.83	V	-51.80	1.09	10.30	-42.59	-25	17.59
QPSK 5MHz Bandwidth High Channel								
281.59	52.06	H	-53.02	0.45	-2.19	-55.66	-25	30.66
281.59	53.48	V	-53.90	0.45	-2.19	-56.54	-25	31.54
5135.00	52.60	H	-52.67	1.10	10.30	-43.47	-25	18.47
5135.00	53.52	V	-51.75	1.10	10.30	-42.55	-25	17.55
16-QAM 5MHz Bandwidth High Channel								
277.55	51.99	H	-52.63	0.45	-2.19	-55.27	-25	30.27
277.55	54.30	V	-53.38	0.45	-2.19	-56.02	-25	31.02
5135.00	52.71	H	-52.56	1.10	10.30	-43.36	-25	18.36
5135.00	53.64	V	-51.63	1.10	10.30	-42.43	-25	17.43

Note:

- 1) Absolute Level (dBm) = Submitted Level (dBm) - Cable loss (dB) + Antenna Gain (dBd/dBi)
- 2) Margin (dB) = Limit (dBm) - Absolute Level (dBm)

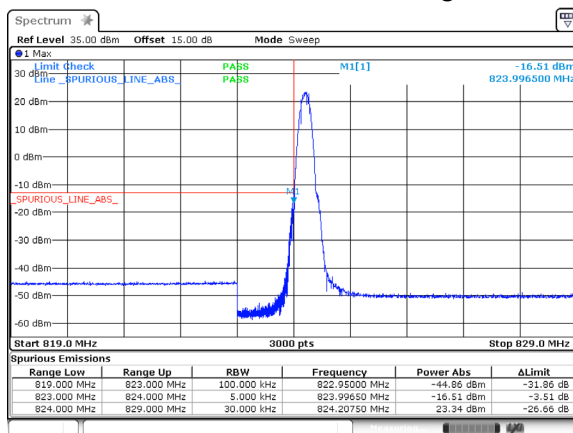
BAND EDGES**Environmental Conditions & Test Information**

Test Date:	2026-01-04 to 2026-01-13
Temperature:	20-21°C
Relative Humidity:	50-52 %
ATM Pressure:	101.0-102.0 kPa
Test Result:	Pass
Test Engineer:	Hugh Wu

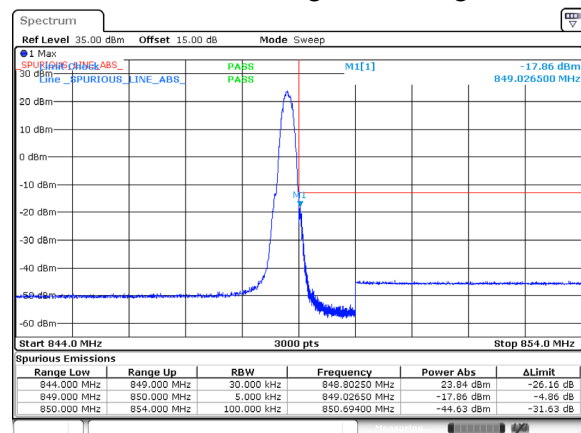
EUT operation mode: Transmitting

Test Result: Compliant.

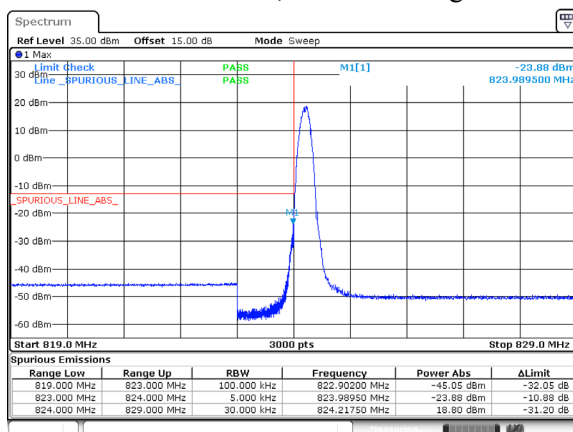
LTE: Please check the APPENDIX C_Band Edge for detail.

GSM 850 Band:**GPRS Mode, Left Band Edge**

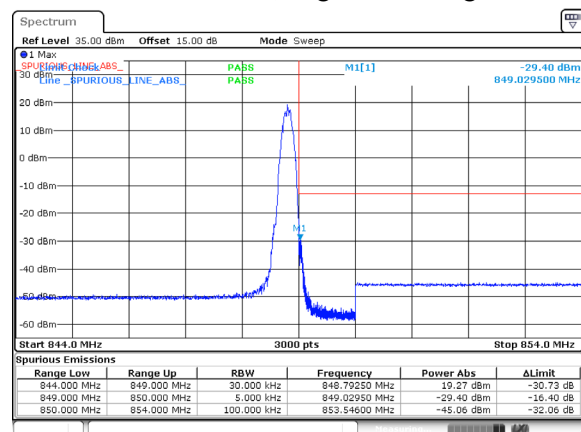
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 11:28:22

GPRS Mode, Right Band Edge

ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 11:23:28

EGPRS Mode, Left Band Edge

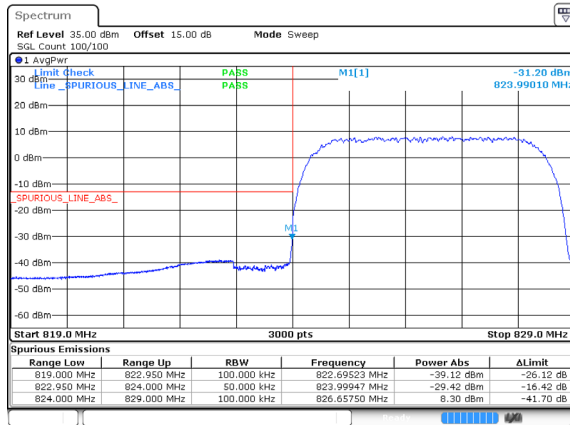
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 11:24:45

EGPRS Mode, Right Band Edge

ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 11:25:41

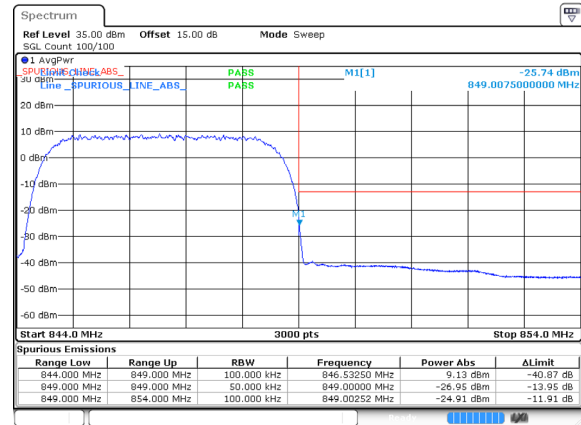
WCDMA Band V

WCDMA (Rel 99) Mode, Left Band Edge



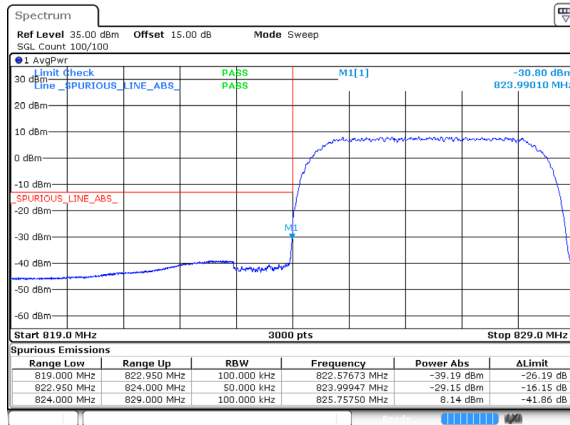
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5 JAN 2026 14:14:15

WCDMA (Rel 99) Mode, Right Band Edge



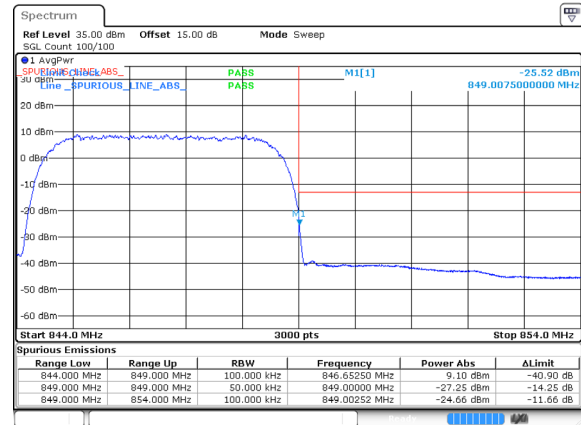
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5 JAN 2026 14:14:47

WCDMA (HSDPA) Mode, Left Band Edge



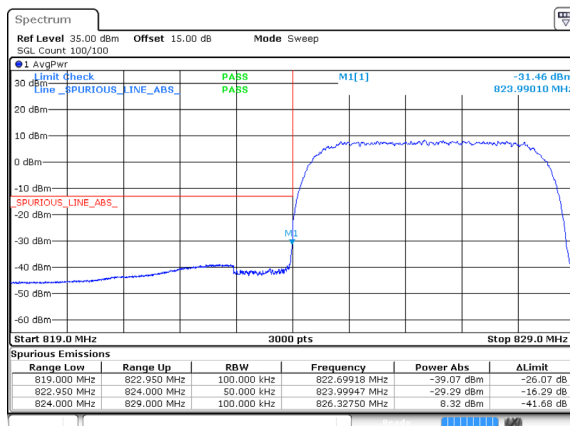
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5 JAN 2026 14:25:02

WCDMA (HSDPA) Mode, Right Band Edge



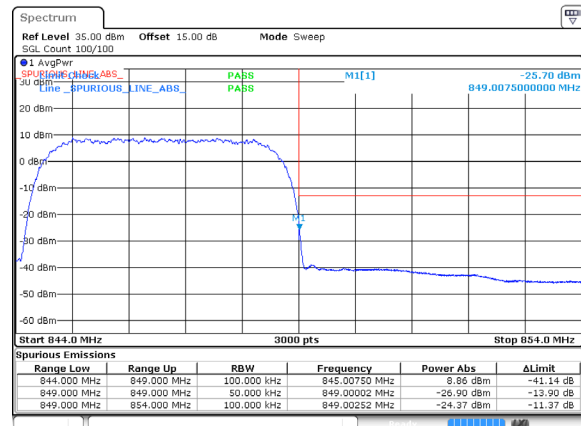
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5 JAN 2026 14:25:35

WCDMA (HSUPA) Mode, Left Band Edge

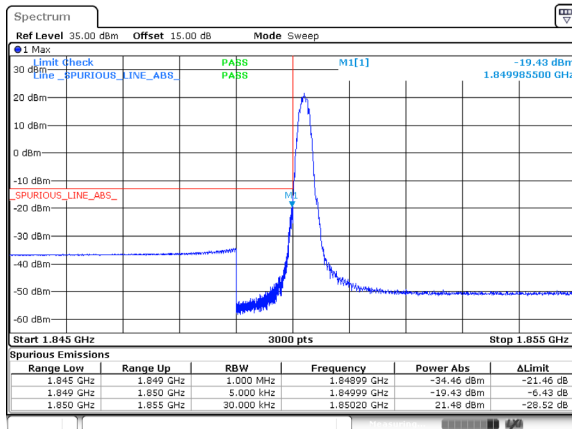


ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5 JAN 2026 14:37:07

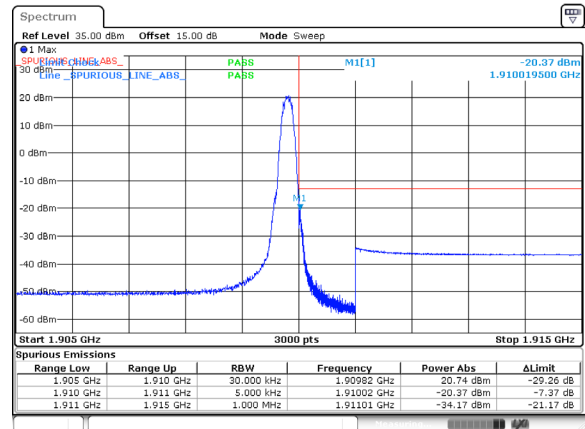
WCDMA (HSUPA) Mode, Right Band Edge



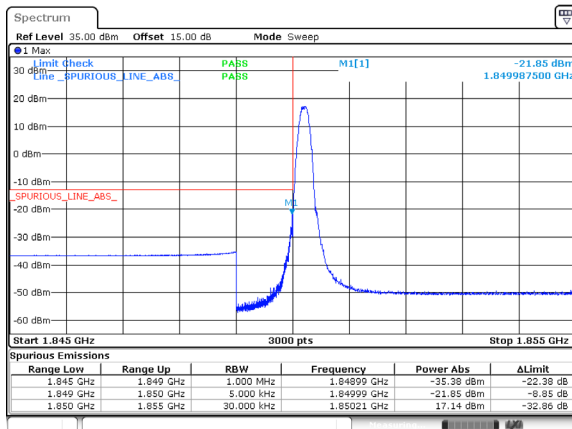
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5 JAN 2026 14:37:39

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

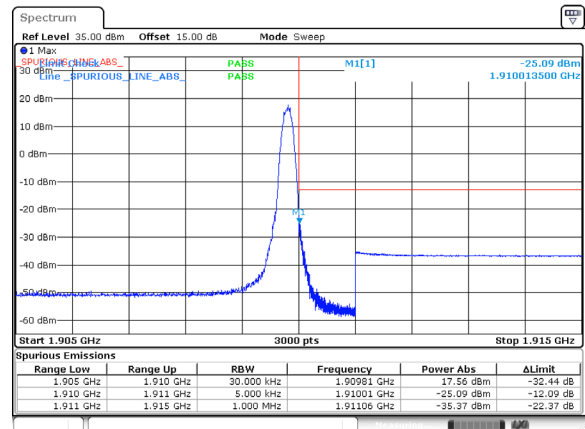
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5.JAN.2026 10:40:53

GPRS Mode, Right Band Edge

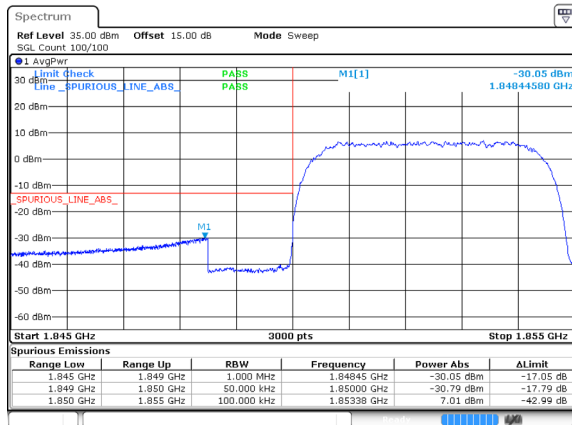
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5.JAN.2026 10:42:15

EGPRS Mode, Left Band Edge

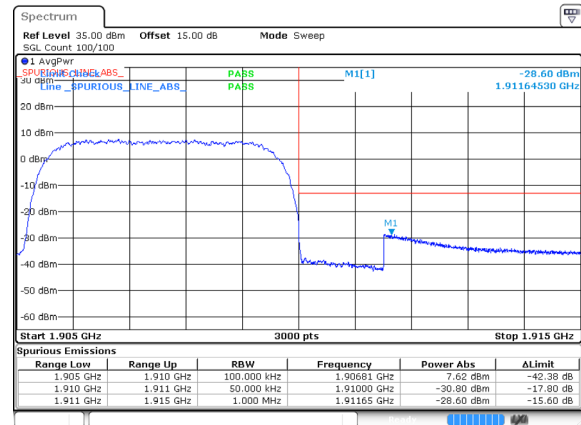
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5.JAN.2026 10:50:33

EGPRS Mode, Right Band Edge

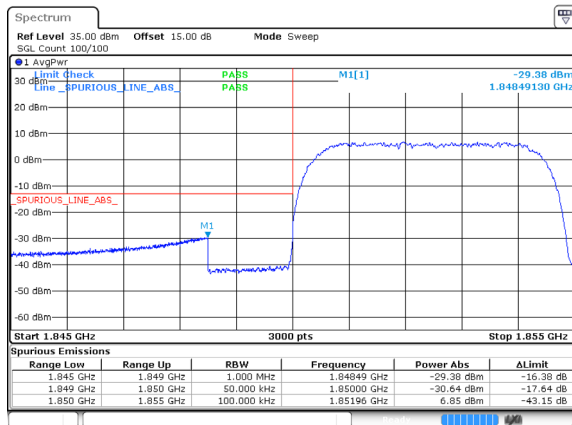
ProjectNo.: RKSA251229001 Tester:Neil Zhou
Date: 5.JAN.2026 10:51:40

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

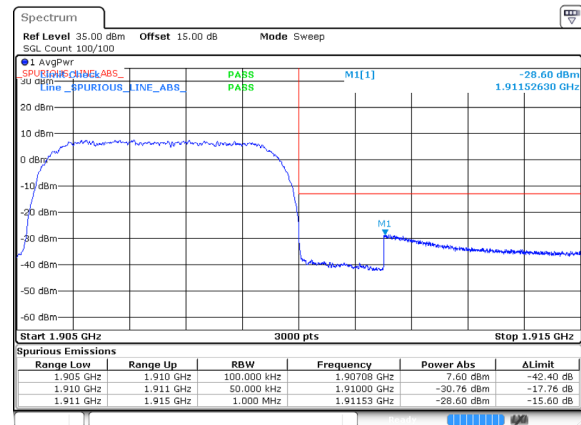
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:12:32

WCDMA (Rel 99) Mode, Right Band Edge

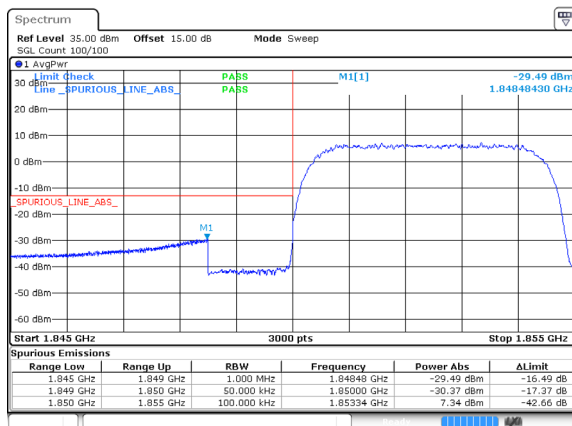
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:12:55

WCDMA (HSDPA) Mode, Left Band Edge

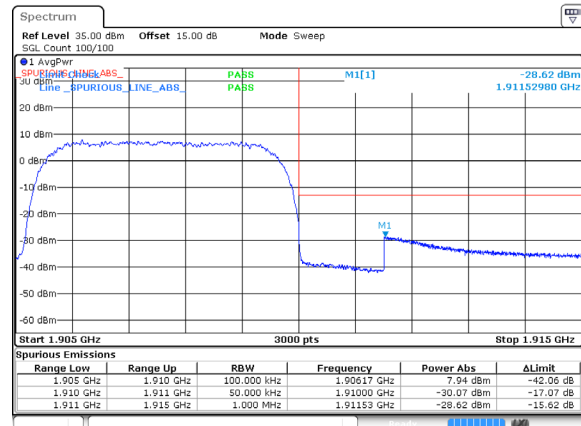
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:23:16

WCDMA (HSDPA) Mode, Right Band Edge

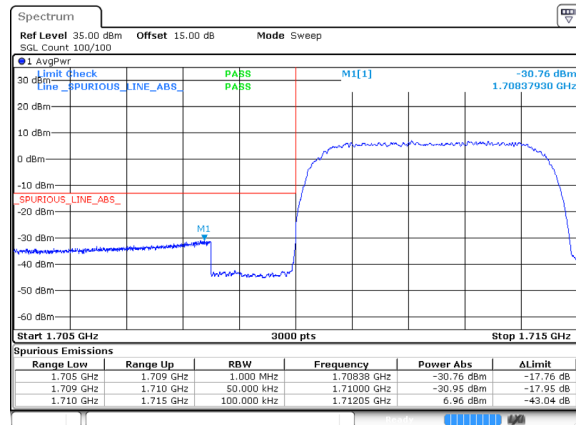
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:23:40

WCDMA (HSPA) Mode, Left Band Edge

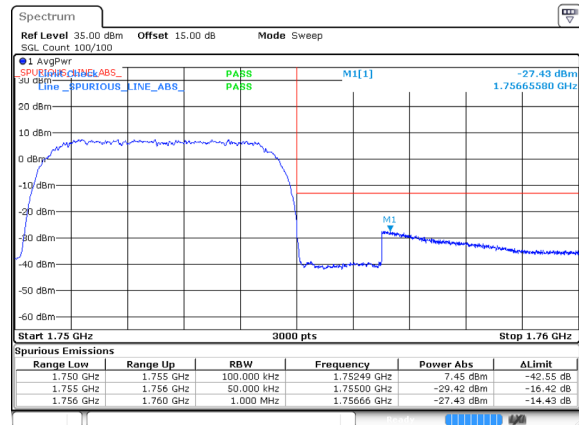
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:35:23

WCDMA (HSPA) Mode, Right Band Edge

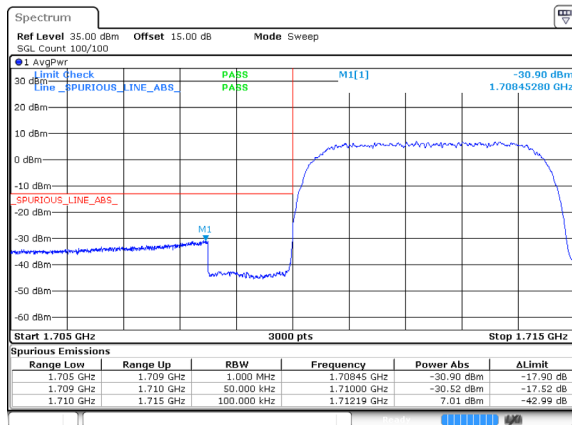
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:35:44

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

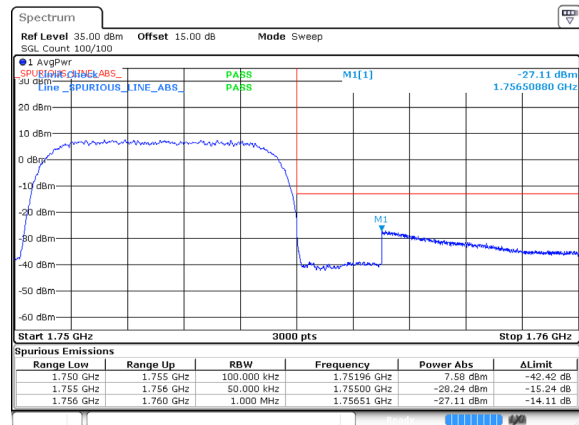
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:13:20

WCDMA (Rel 99) Mode, Right Band Edge

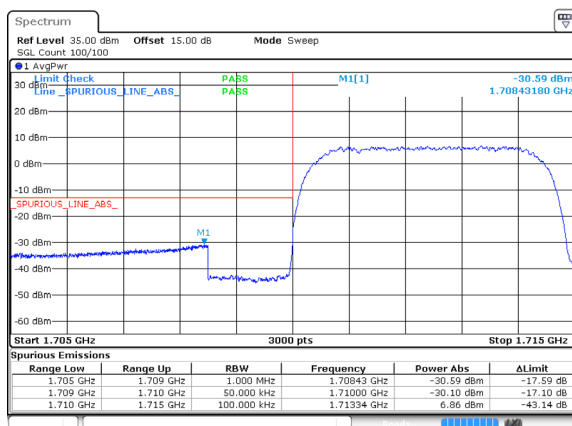
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Date: 5 JAN 2026 14:13:43

WCDMA (HSDPA) Mode, Left Band Edge

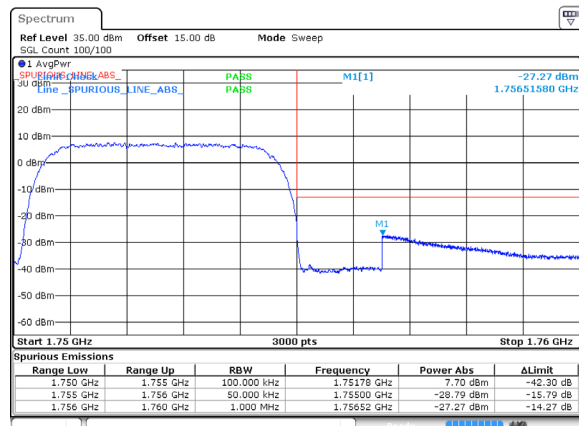
ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:24:05

WCDMA (HSDPA) Mode, Right Band Edge

ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:24:28

WCDMA (HSUPA) Mode, Left Band Edge

ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:36:09

WCDMA (HSUPA) Mode, Right Band Edge

ProjectNo.: RKSA251229001 Tester: Neil Zhou
Date: 5 JAN 2026 14:36:32

FREQUENCY STABILITY**Environmental Conditions & Test Information**

Test Date:	2026-01-04 to 2026-01-13
Temperature:	20-21°C
Relative Humidity:	50-52 %
ATM Pressure:	101.0-102.0 kPa
Test Result:	Pass
Test Engineer:	Hugh Wu

EUT operation mode: Transmitting

GPRS 850, Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.8	-9	0.01076	2.5
-20		-11	0.01315	2.5
-10		-10	0.01195	2.5
0		-8	0.00956	2.5
10		-10	0.01195	2.5
20		-11	0.01315	2.5
30		-12	0.01434	2.5
40		-9	0.01076	2.5
50		-9	0.01076	2.5
20	V min.= 3.6	-8	0.00956	2.5
20	V max.= 4.2	-4	0.00478	2.5

EGPRS 850, Middle channel				
Temperature (°C)	Voltage Supplied (V_{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-30	3.8	-4	0.00478	2.5
-20		-4	0.00478	2.5
-10		-5	0.00598	2.5
0		3	-0.00359	2.5
10		1	-0.0012	2.5
20		2	-0.00239	2.5
30		3	-0.00359	2.5
40		4	-0.00478	2.5
50		4	-0.00478	2.5
20	V min.= 3.6	3	-0.00359	2.5
20	V max.= 4.2	5	-0.00598	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	1850.07666	1909.92313	1850	1910
-20		1850.07730	1909.92370	1850	1910
-10		1850.07588	1909.92150	1850	1910
0		1850.07762	1909.92352	1850	1910
10		1850.07650	1909.92250	1850	1910
20		1850.07710	1909.92348	1850	1910
30		1850.07617	1909.92239	1850	1910
40		1850.07762	1909.92257	1850	1910
50		1850.07599	1909.92125	1850	1910
20	V min.= 3.6	1850.07695	1909.92194	1850	1910
20	V max.= 4.2	1850.07520	1909.92080	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	1850.07571	1909.92281	1850	1910
-20		1850.07639	1909.92361	1850	1910
-10		1850.07455	1909.92210	1850	1910
0		1850.07570	1909.92346	1850	1910
10		1850.07550	1909.92260	1850	1910
20		1850.07597	1909.92267	1850	1910
30		1850.07476	1909.92198	1850	1910
40		1850.07663	1909.92291	1850	1910
50		1850.07530	1909.92212	1850	1910
20	V min.= 3.6	1850.07479	1909.92174	1850	1910
20	V max.= 4.2	1850.07414	1909.92147	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	1850.07425	1909.94813	1850	1910
-20		1850.07442	1909.94821	1850	1910
-10		1850.07330	1909.94662	1850	1910
0		1850.07428	1909.94838	1850	1910
10		1850.07370	1909.94730	1850	1910
20		1850.07448	1909.94767	1850	1910
30		1850.07298	1909.94689	1850	1910
40		1850.07375	1909.94825	1850	1910
50		1850.07245	1909.94730	1850	1910
20	V min.= 3.6	1850.07375	1909.94743	1850	1910
20	V max.= 4.2	1850.07194	1909.94621	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	1710.04339	1754.97763	1710	1755
-20		1710.04371	1754.97789	1710	1755
-10		1710.04190	1754.97642	1710	1755
0		1710.04386	1754.97821	1710	1755
10		1710.04260	1754.97730	1710	1755
20		1710.04319	1754.97760	1710	1755
30		1710.04199	1754.97661	1710	1755
40		1710.04342	1754.97836	1710	1755
50		1710.04244	1754.97629	1710	1755
20	V min.= 3.6	1710.04284	1754.97652	1710	1755
20	V max.= 4.2	1710.04165	1754.97656	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	47	0.05618	2.5
-20		61	0.07291	2.5
-10		34	0.04064	2.5
0		50	0.05977	2.5
10		37	0.04423	2.5
20		9	0.01076	2.5
30		30	0.03586	2.5
40		54	0.06455	2.5
50		38	0.04542	2.5
20	V min.= 3.6	-10	-0.01195	2.5
20	V max.= 4.2	-4	-0.00478	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	1850.07175	1909.83707	1850	1910
-20		1850.07151	1909.83713	1850	1910
-10		1850.06997	1909.83612	1850	1910
0		1850.07177	1909.83722	1850	1910
10		1850.07077	1909.83620	1850	1910
20		1850.07155	1909.83713	1850	1910
30		1850.06995	1909.83566	1850	1910
40		1850.07147	1909.83743	1850	1910
50		1850.07046	1909.83579	1850	1910
20	V min.= 3.6	1850.07118	1909.83598	1850	1910
20	V max.= 4.2	1850.06867	1909.83564	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	1850.07418	1909.84537	1850	1910
-20		1850.07403	1909.84521	1850	1910
-10		1850.07320	1909.84416	1850	1910
0		1850.07422	1909.84500	1850	1910
10		1850.07357	1909.84460	1850	1910
20		1850.07481	1909.84467	1850	1910
30		1850.07348	1909.84442	1850	1910
40		1850.07399	1909.84551	1850	1910
50		1850.07309	1909.84342	1850	1910
20	V min.= 3.6	1850.07425	1909.84350	1850	1910
20	V max.= 4.2	1850.07323	1909.84415	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	1710.07095	1754.92698	1710	1755
-20		1710.07202	1754.92771	1710	1755
-10		1710.07071	1754.92510	1710	1755
0		1710.07169	1754.92737	1710	1755
10		1710.07077	1754.92643	1710	1755
20		1710.07098	1754.92747	1710	1755
30		1710.06970	1754.92582	1710	1755
40		1710.07097	1754.92771	1710	1755
50		1710.06991	1754.92583	1710	1755
20	V min.= 3.6	1710.07095	1754.92720	1710	1755
20	V max.= 4.2	1710.06956	1754.92486	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	1710.07104	1754.92649	1710	1755
-20		1710.07190	1754.92767	1710	1755
-10		1710.06980	1754.92533	1710	1755
0		1710.07130	1754.92752	1710	1755
10		1710.07179	1754.92751	1710	1755
20		1710.07167	1754.92747	1710	1755
30		1710.06984	1754.92521	1710	1755
40		1710.07176	1754.92647	1710	1755
50		1710.07008	1754.92581	1710	1755
20	V min.= 3.6	1710.07095	1754.92648	1710	1755
20	V max.= 4.2	1710.06888	1754.92517	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	-22	-0.0263	2.5
-20		-23	-0.0275	2.5
-10		-19	-0.02271	2.5
0		-17	-0.02032	2.5
10		-19	-0.02271	2.5
20		-23	-0.0275	2.5
30		-16	-0.01913	2.5
40		-19	-0.02271	2.5
50		-18	-0.02152	2.5
20	V min.= 3.6	-22	-0.0263	2.5
20	V max.= 4.2	-19	-0.02271	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	-17	-0.02032	2.5
-20		-19	-0.02271	2.5
-10		-20	-0.02391	2.5
0		-23	-0.0275	2.5
10		-20	-0.02391	2.5
20		-24	-0.02869	2.5
30		-22	-0.0263	2.5
40		-19	-0.02271	2.5
50		-17	-0.02032	2.5
20	V min.= 3.6	-19	-0.02271	2.5
20	V max.= 4.2	-18	-0.02152	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	2500.09449	2569.89762	2500	2570
-20		2500.09418	2569.89757	2500	2570
-10		2500.09219	2569.89718	2500	2570
0		2500.09422	2569.89824	2500	2570
10		2500.09330	2569.89740	2500	2570
20		2500.09394	2569.89840	2500	2570
30		2500.09298	2569.89618	2500	2570
40		2500.09374	2569.89754	2500	2570
50		2500.09319	2569.89633	2500	2570
20	V min.= 3.6	2500.09274	2569.89752	2500	2570
20	V max.= 4.2	2500.09188	2569.89501	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	2500.09268	2569.90797	2500	2570
-20		2500.09297	2569.90841	2500	2570
-10		2500.09177	2569.90736	2500	2570
0		2500.09371	2569.90788	2500	2570
10		2500.09260	2569.90740	2500	2570
20		2500.09295	2569.90840	2500	2570
30		2500.09248	2569.90698	2500	2570
40		2500.09376	2569.90866	2500	2570
50		2500.09165	2569.90720	2500	2570
20	V min.= 3.6	2500.09206	2569.90719	2500	2570
20	V max.= 4.2	2500.09193	2569.90627	2500	2570

LTE Band 66:

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	1710.07126	1779.92950	1710	1780
-20		1710.07160	1779.92925	1710	1780
-10		1710.07037	1779.92872	1710	1780
0		1710.07098	1779.93032	1710	1780
10		1710.07092	1779.92923	1710	1780
20		1710.07112	1779.93032	1710	1780
30		1710.07213	1779.92792	1710	1780
40		1710.07124	1779.93027	1710	1780
50		1710.07166	1779.92804	1710	1780
20	V min.= 3.6	1710.07006	1779.92912	1710	1780
20	V max.= 4.2	1710.07110	1779.92722	1710	1780

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	1710.07158	1779.92490	1710	1780
-20		1710.07192	1779.92479	1710	1780
-10		1710.06966	1779.92280	1710	1780
0		1710.07140	1779.92449	1710	1780
10		1710.07102	1779.92362	1710	1780
20		1710.07205	1779.92491	1710	1780
30		1710.07032	1779.92271	1710	1780
40		1710.07206	1779.92459	1710	1780
50		1710.07054	1779.92274	1710	1780
20	V min.= 3.6	1710.07175	1779.92369	1710	1780
20	V max.= 4.2	1710.07118	1779.92161	1710	1780

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 *******