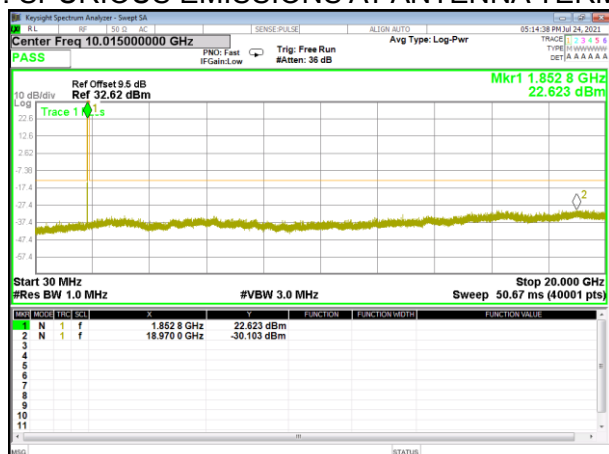
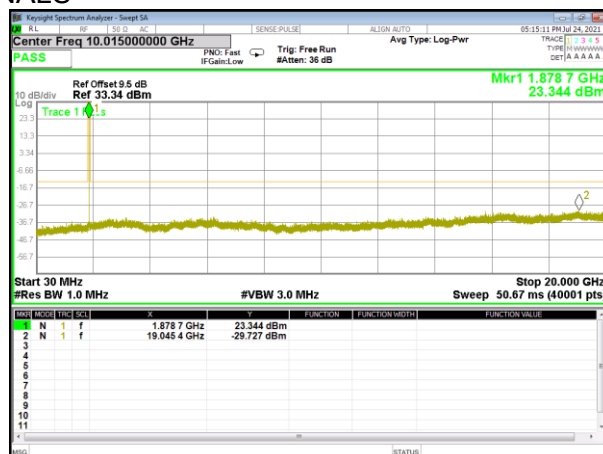




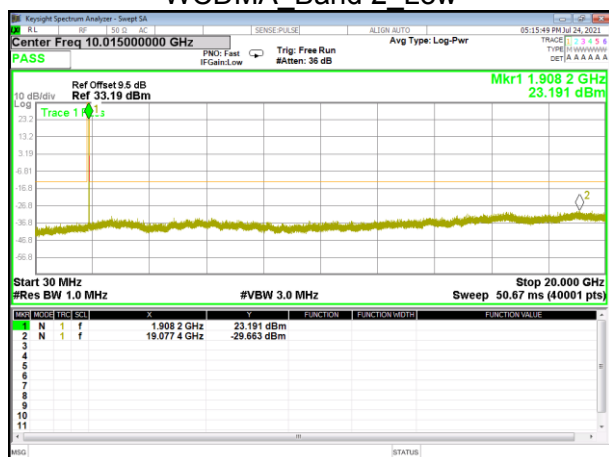
A6. SPURIOUS EMISSIONS AT ANTENNA TERMINALS



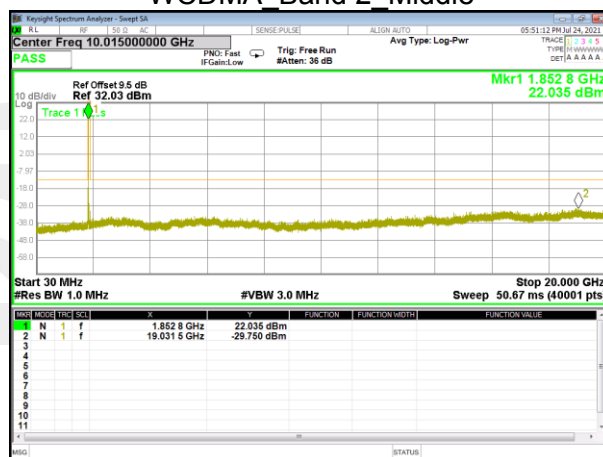
WCDMA_Band 2_Low



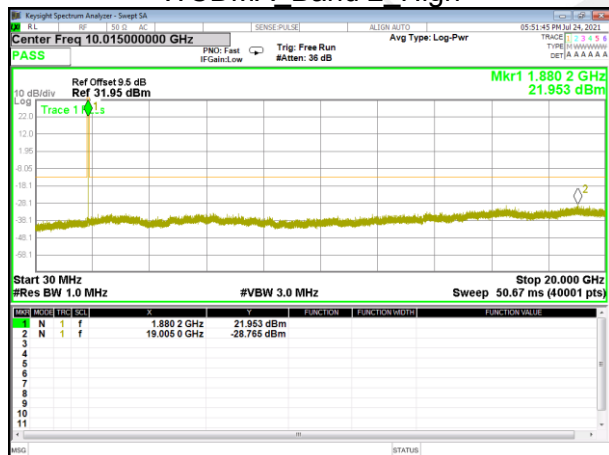
WCDMA_Band 2_Middle



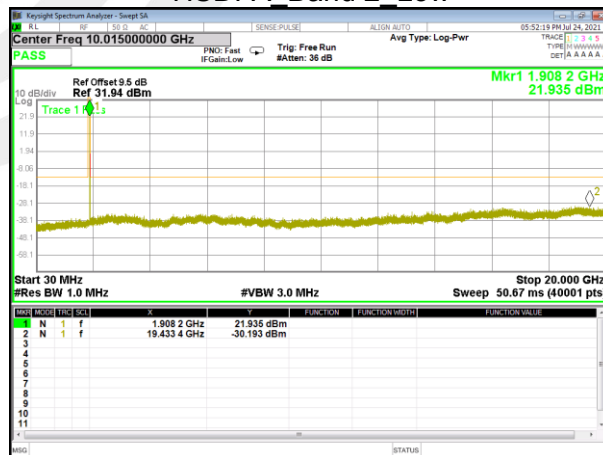
WCDMA_Band 2_High



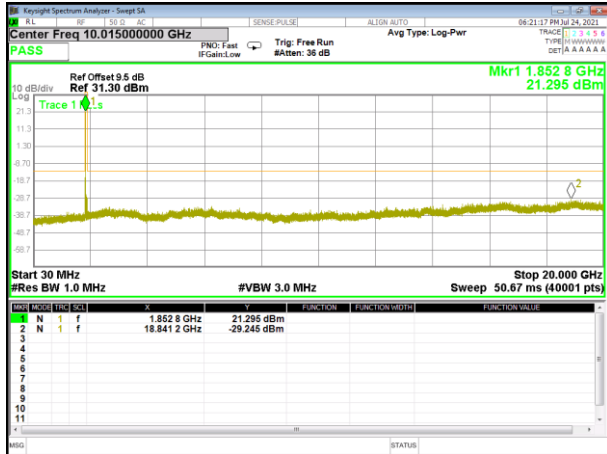
HSDPA_Band 2_Low



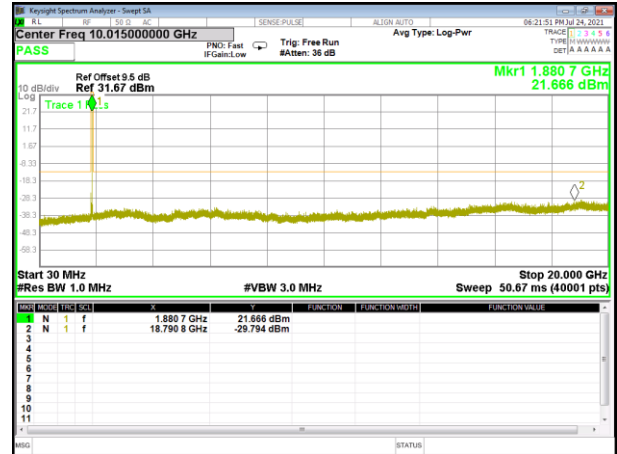
HSDPA_Band 2_Middle



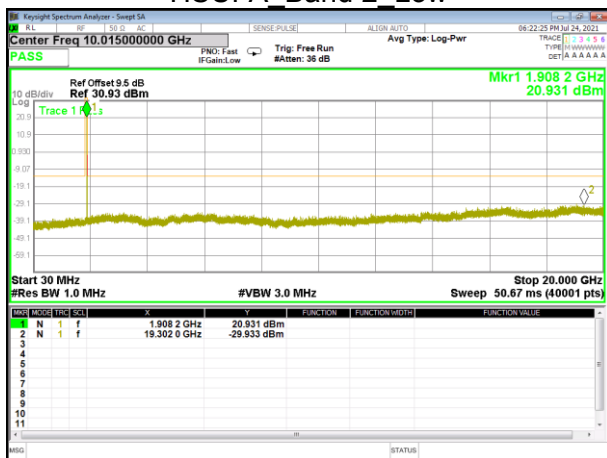
HSDPA_Band 2_High



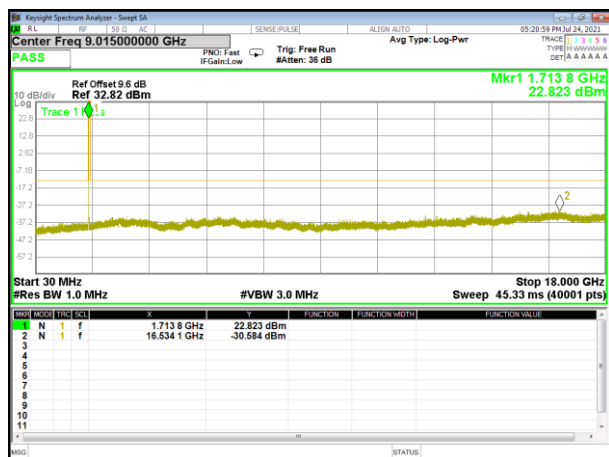
HSUPA_Band 2_Low



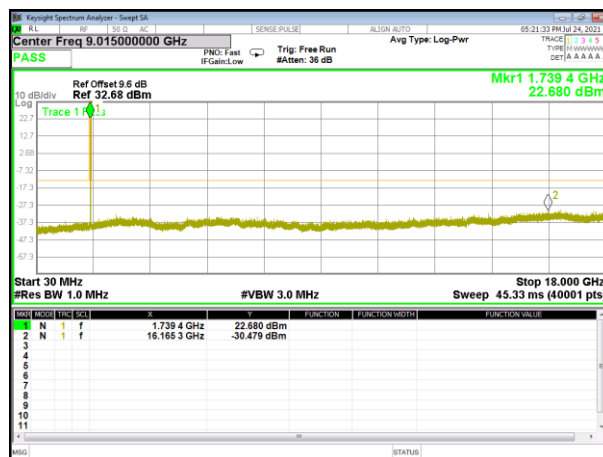
HSUPA_Band 2_Middle



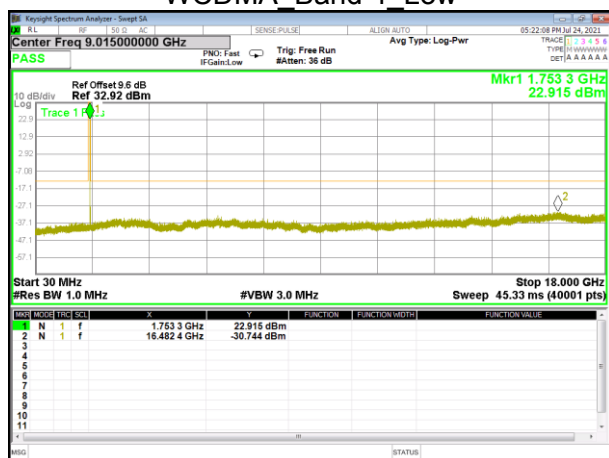
HSUPA_Band 2_High



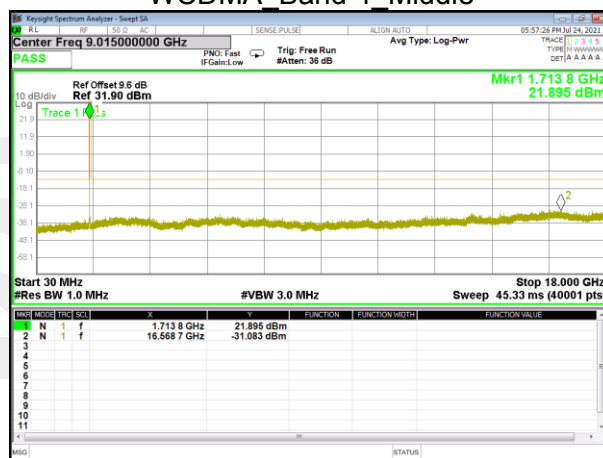
WCDMA Band 4 Low



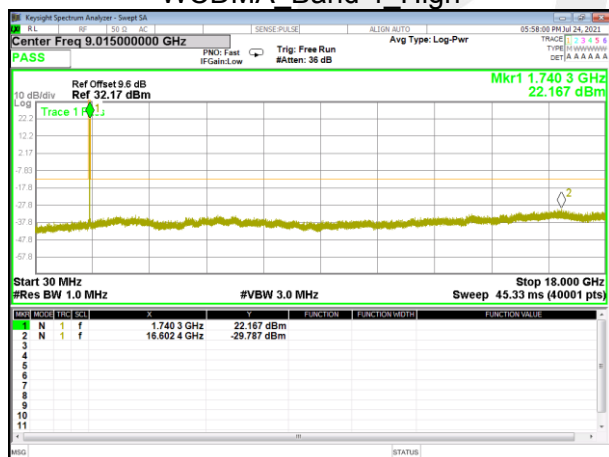
WCDMA Band 4 Middle



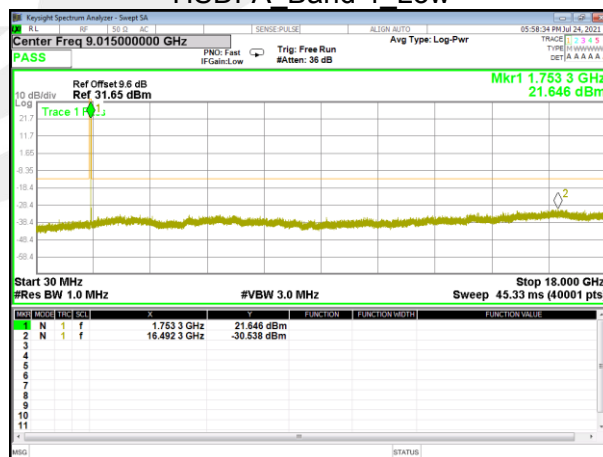
WCDMA Band 4 High



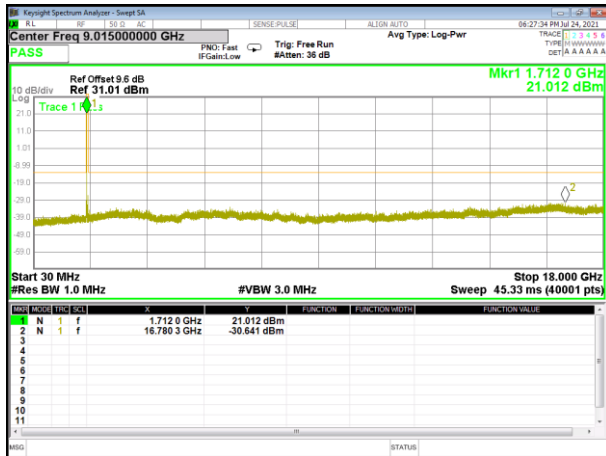
HSDPA Band 4 Low



HSDPA_Band 4_Middle



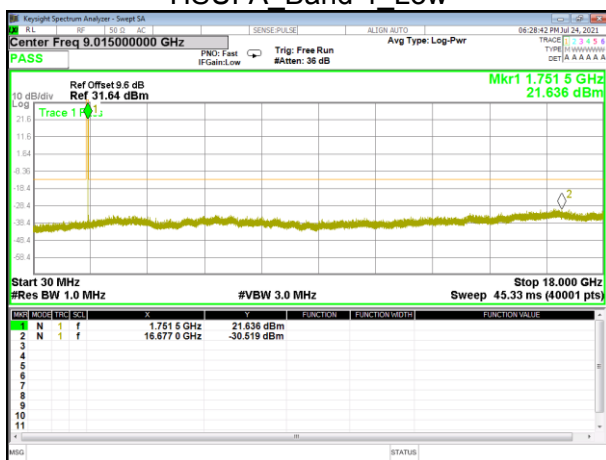
HSDPA_Band 4_High



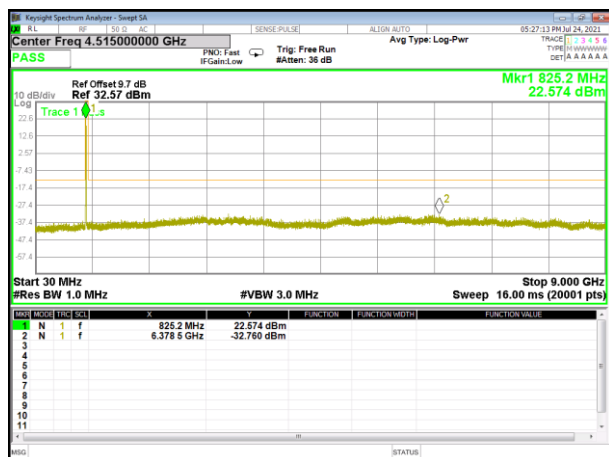
HSUPA_Band 4_Low



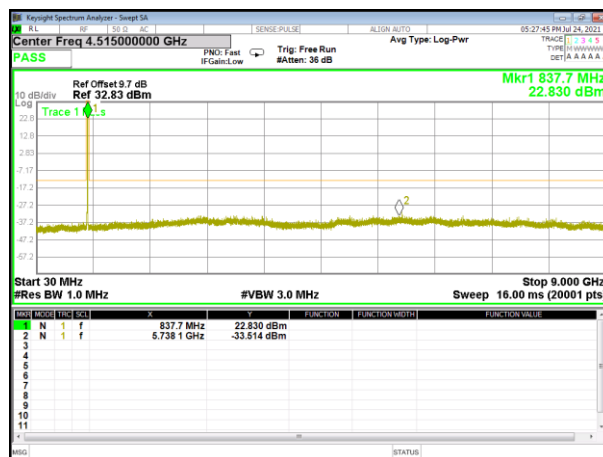
HSUPA_Band 4_Middle



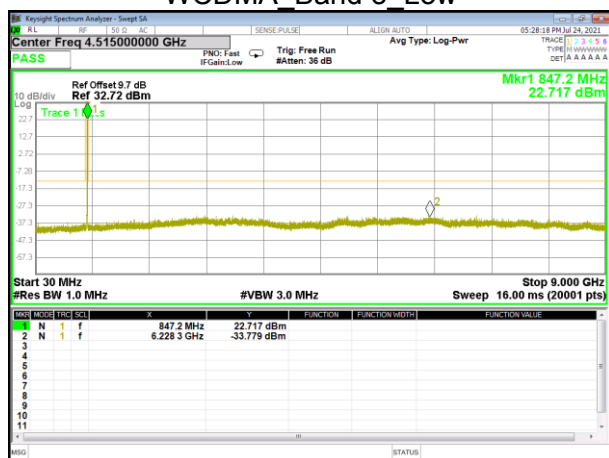
HSUPA_Band 4_High



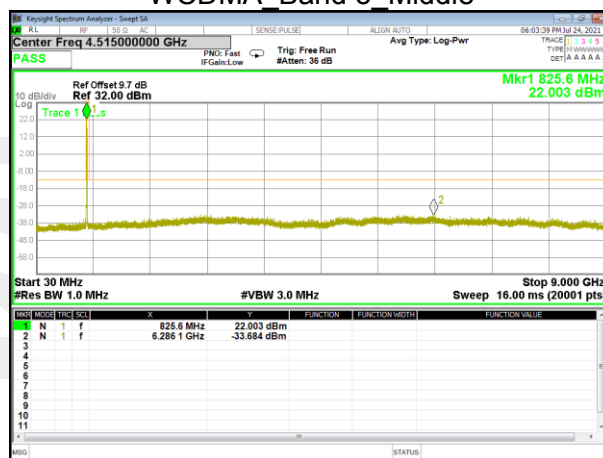
WCDMA_Band 5_Low



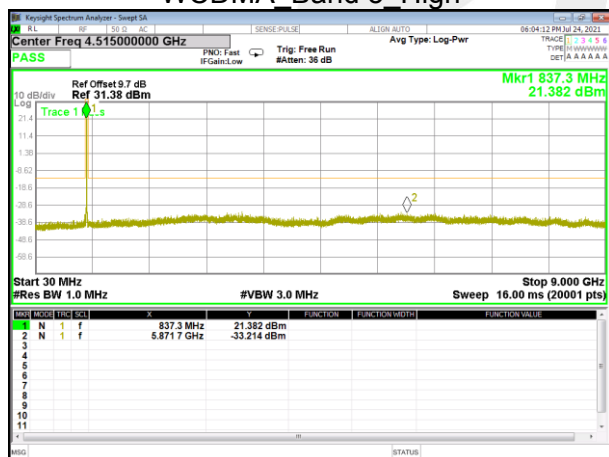
WCDMA_Band 5_Middle



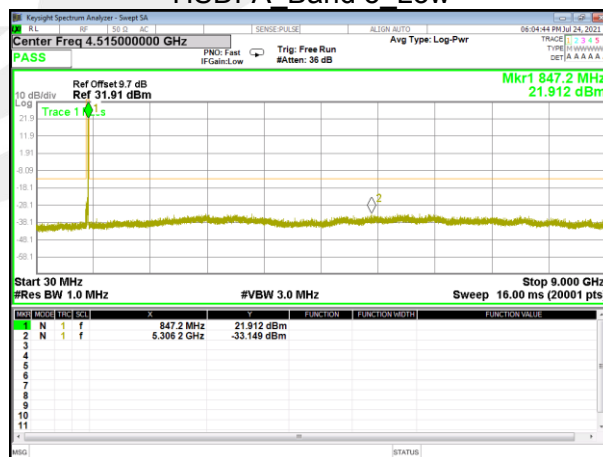
WCDMA_Band 5_High



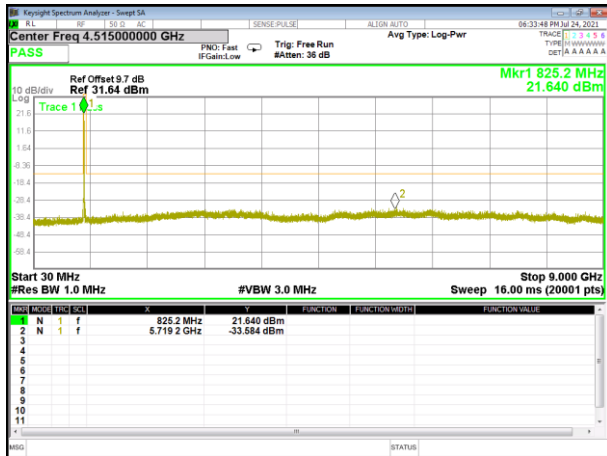
HSDPA_Band 5_Low



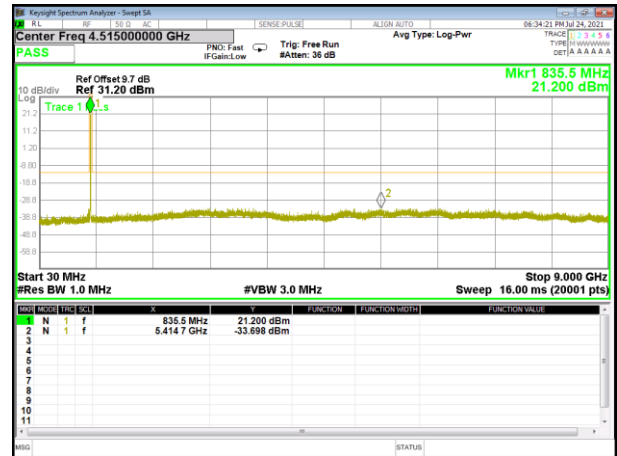
HSDPA_Band 5_Middle



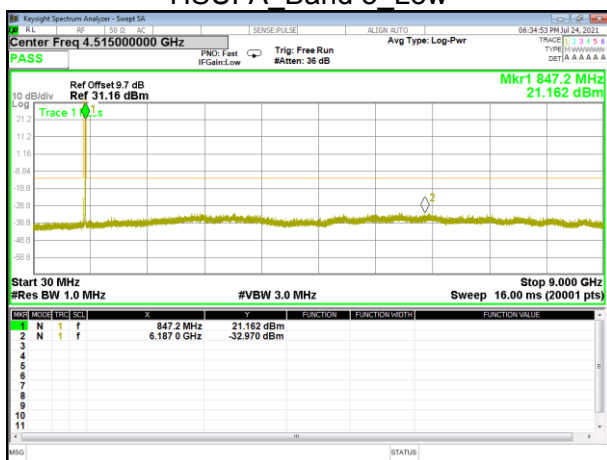
HSDPA_Band 5_High



HSUPA_Band 5_Low



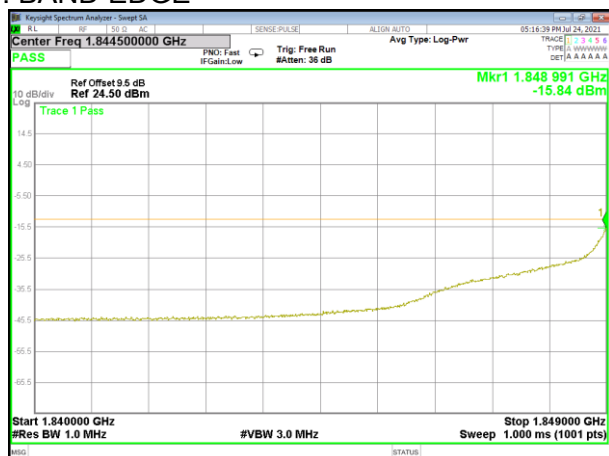
HSUPA_Band 5_Middle



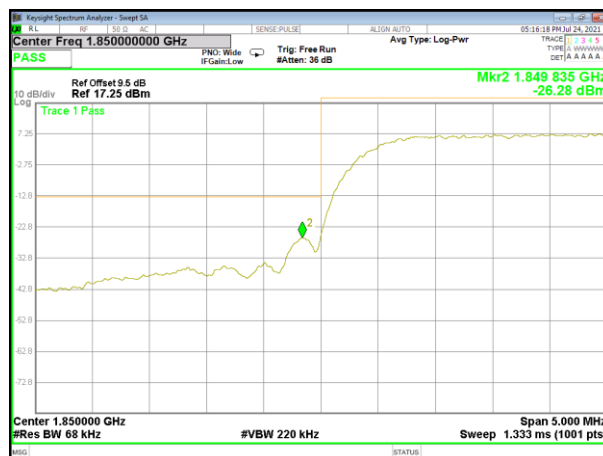
HSUPA_Band 5_High



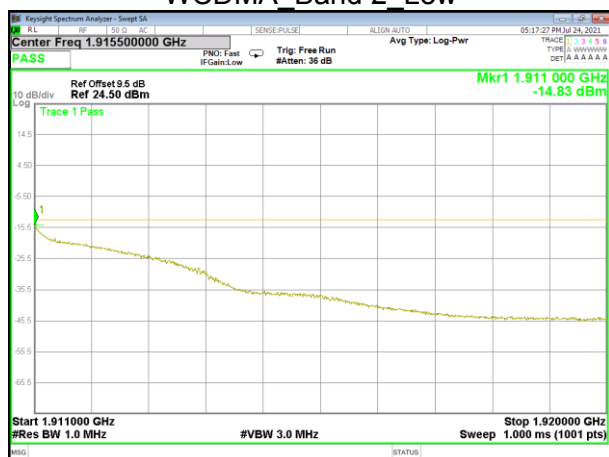
A7. BAND EDGE



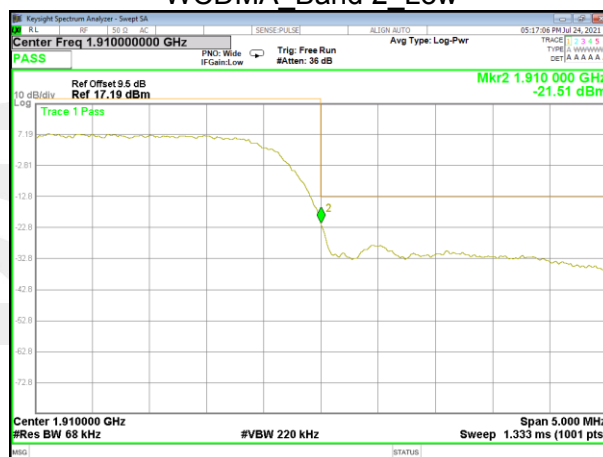
WCDMA_Band 2_Low



WCDMA_Band 2_Low



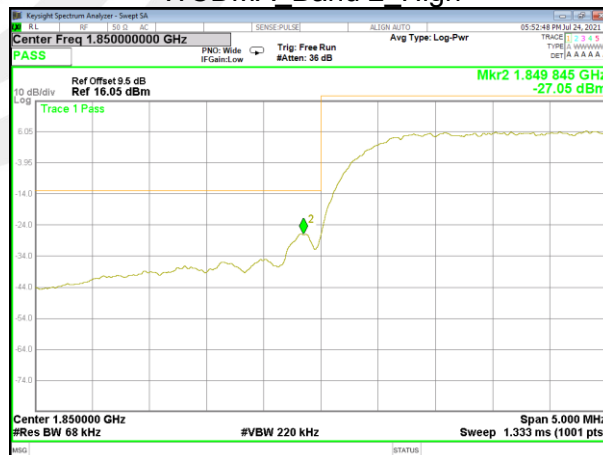
WCDMA_Band 2_High



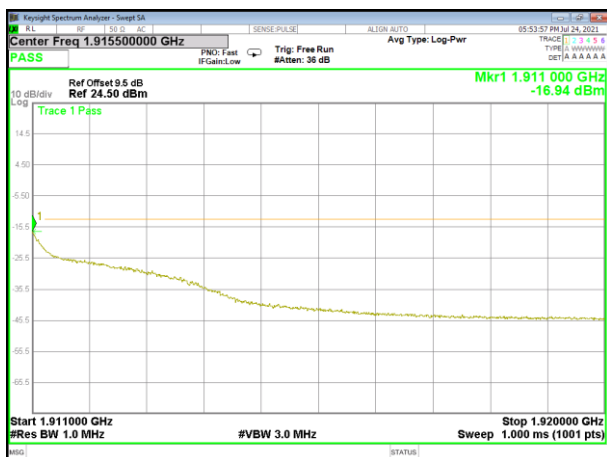
WCDMA_Band 2_High



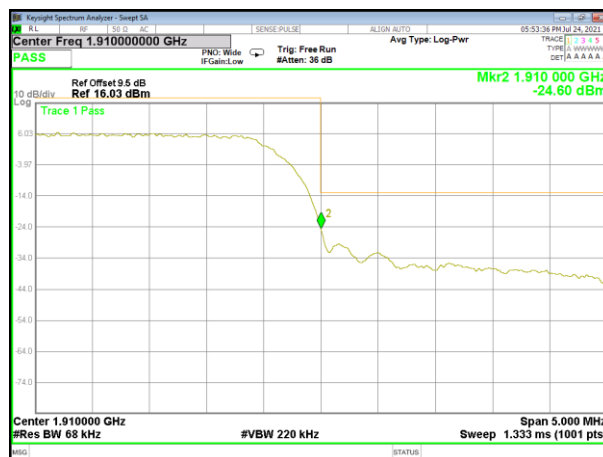
HSDPA_Band 2_Low



HSDPA_Band 2_Low



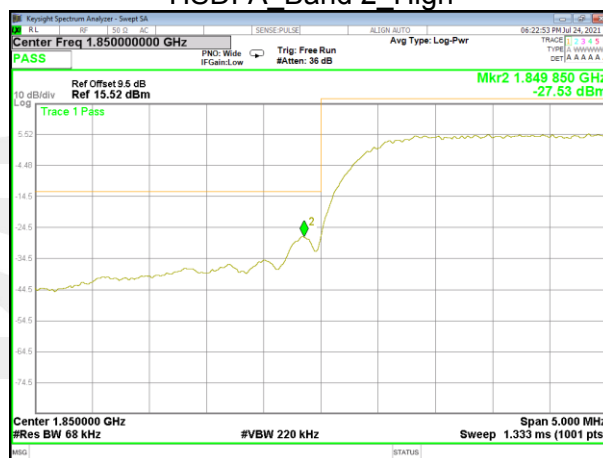
HSDPA_Band 2_High



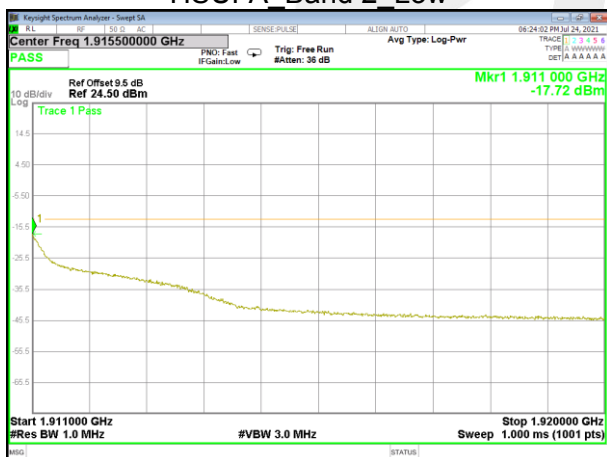
HSDPA_Band 2_High



HSDPA_Band 2_Low



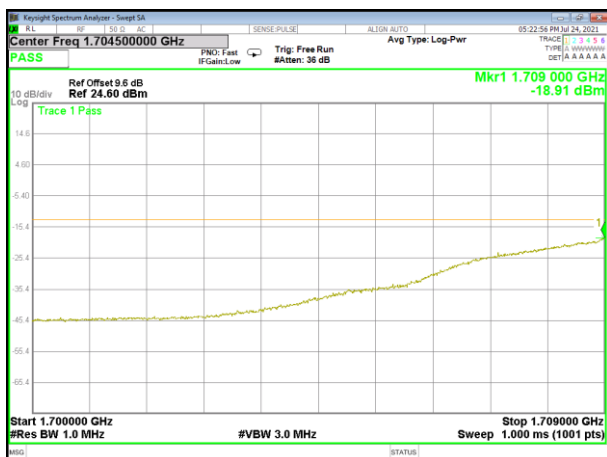
HSDPA_Band 2_Low



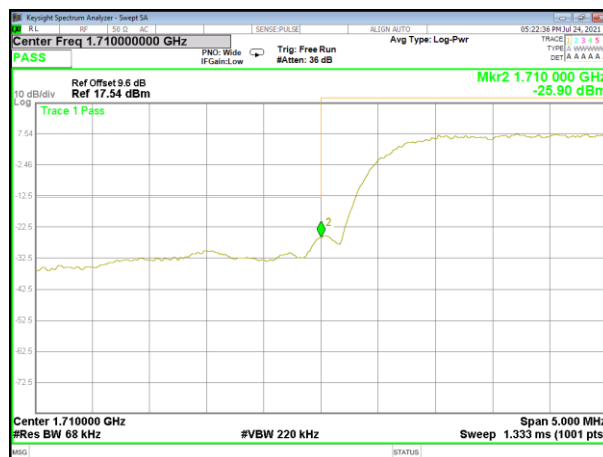
HSDPA_Band 2_High



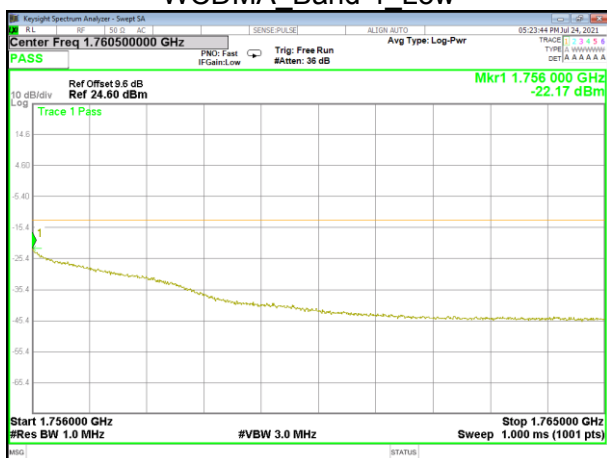
HSDPA_Band 2_High



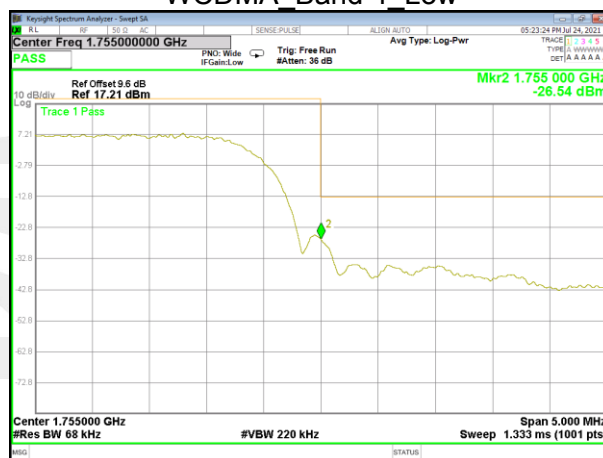
WCDMA_Band 4_Low



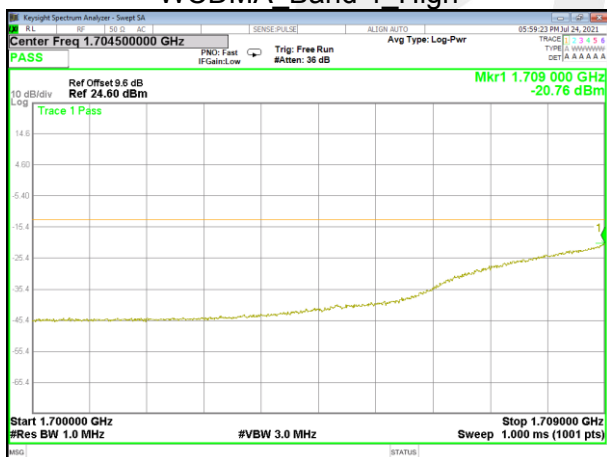
WCDMA_Band 4_Low



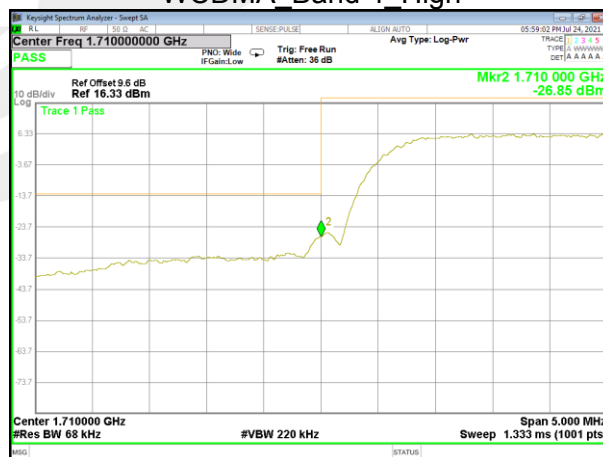
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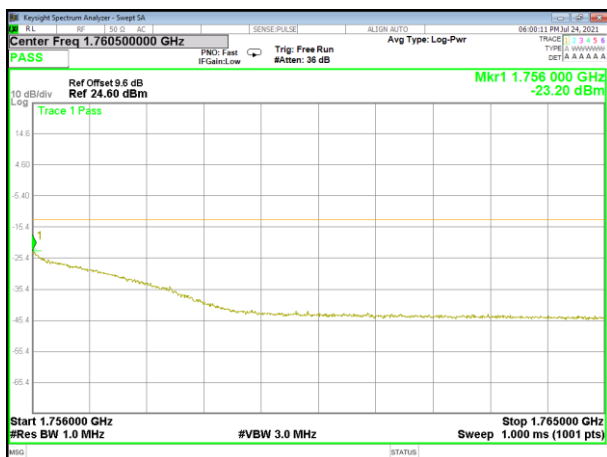
WCDMA_Band 4_High



HSDPA_Band 4_Low



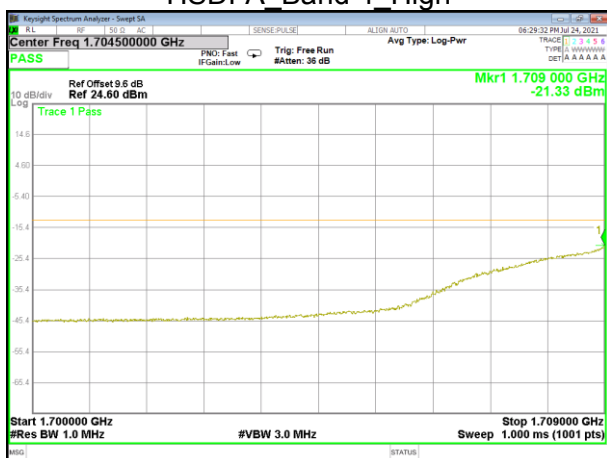
HSDPA_Band 4_Low



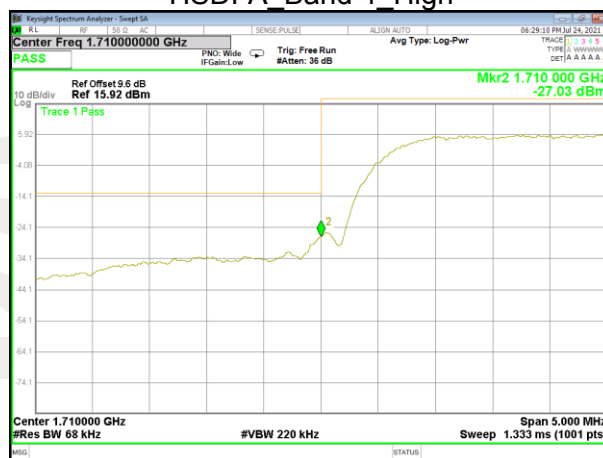
HSDPA Band 4_High



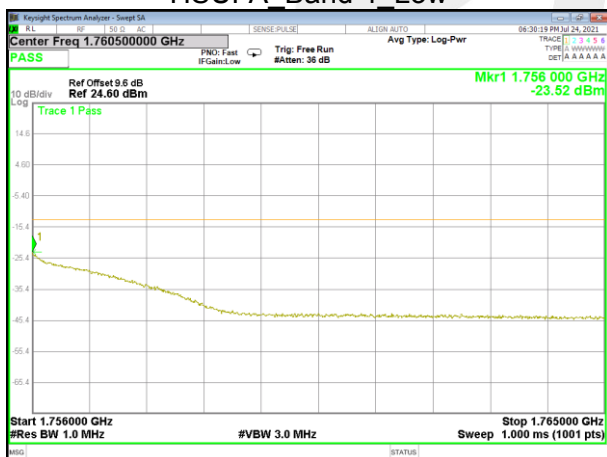
HSDPA Band 4_High



HSUPA Band 4_Low



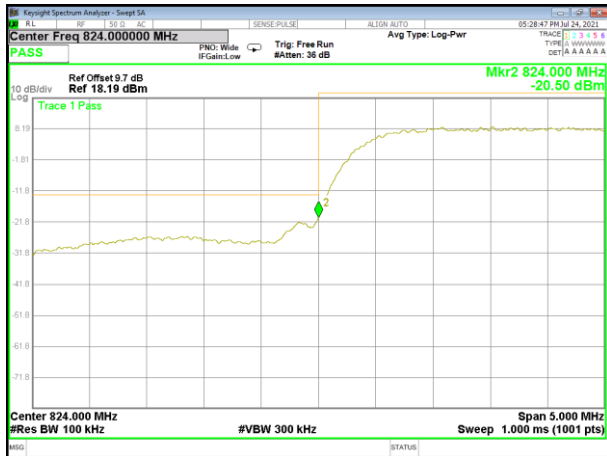
HSUPA Band 4_Low



HSUPA_Band 4_High



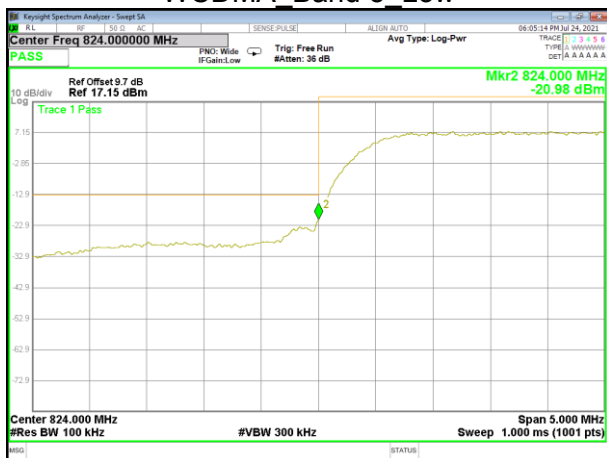
HSUPA_Band 4_High



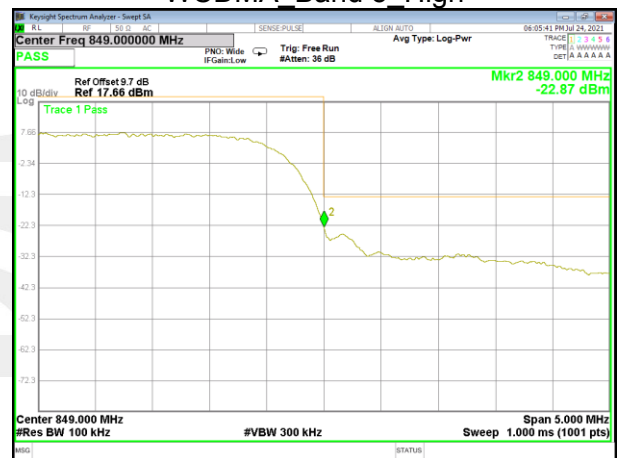
WCDMA_Band 5_Low



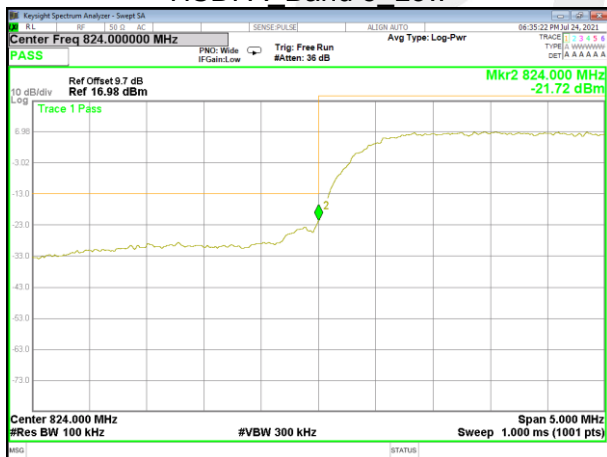
WCDMA_Band 5_High



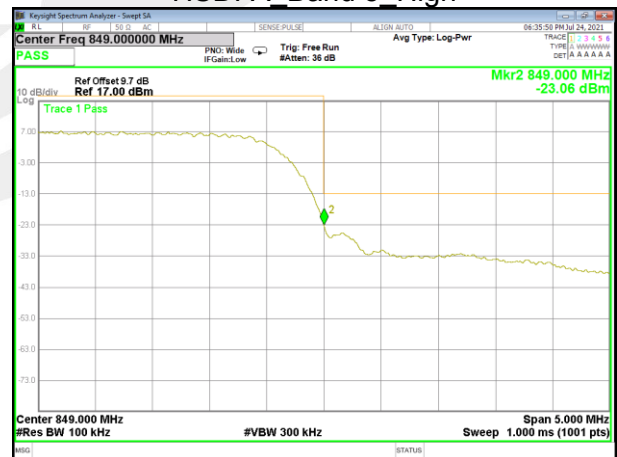
HSDPA_Band 5_Low



HSDPA_Band 5_High



HSUPA_Band 5_Low



HSUPA_Band 5_High



A8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Note: (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequency below 1000MHz.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3) Test is divided into three directions, X/Y/Z. X pattern for the worst.

WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.16	-41.46	9.40	4.75	-36.81	-13.00	-23.81	H
2479.68	-40.23	10.60	8.39	-38.02	-13.00	-25.02	H
3305.50	-30.88	12.00	11.79	-30.67	-13.00	-17.67	H
1652.11	-44.56	9.40	4.75	-39.91	-13.00	-26.91	V
2479.40	-45.20	10.60	8.39	-42.99	-13.00	-29.99	V
3305.61	-43.71	12.00	11.79	-43.50	-13.00	-30.50	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.04	-41.40	9.40	4.75	-36.75	-13.00	-23.75	H
2509.80	-39.26	10.60	8.39	-37.05	-13.00	-24.05	H
3346.06	-31.62	12.00	11.79	-31.41	-13.00	-18.41	H
1673.26	-43.72	9.40	4.75	-39.07	-13.00	-26.07	V
2509.76	-44.06	10.60	8.39	-41.85	-13.00	-28.85	V
3346.22	-43.05	12.00	11.79	-42.84	-13.00	-29.84	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.18	-41.57	9.40	4.75	-36.92	-13.00	-23.92	H
2539.56	-40.30	10.60	8.39	-38.09	-13.00	-25.09	H
3386.27	-32.12	12.00	11.79	-31.91	-13.00	-18.91	H
1693.34	-43.55	9.40	4.75	-38.90	-13.00	-25.90	V
2539.32	-45.07	10.60	8.39	-42.86	-13.00	-29.86	V
3386.04	-42.71	12.00	11.79	-42.50	-13.00	-29.50	V



HSUPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.28	-40.65	9.40	4.75	-36.00	-13.00	-23.00	H
2479.53	-40.06	10.60	8.39	-37.85	-13.00	-24.85	H
3305.78	-31.68	12.00	11.79	-31.47	-13.00	-18.47	H
1652.22	-43.82	9.40	4.75	-39.17	-13.00	-26.17	V
2479.52	-44.69	10.60	8.39	-42.48	-13.00	-29.48	V
3305.86	-42.88	12.00	11.79	-42.67	-13.00	-29.67	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.99	-40.76	9.40	4.75	-36.11	-13.00	-23.11	H
2509.68	-40.19	10.60	8.39	-37.98	-13.00	-24.98	H
3346.40	-31.76	12.00	11.79	-31.55	-13.00	-18.55	H
1673.18	-44.04	9.40	4.75	-39.39	-13.00	-26.39	V
2509.83	-45.22	10.60	8.39	-43.01	-13.00	-30.01	V
3346.01	-42.63	12.00	11.79	-42.42	-13.00	-29.42	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.45	-41.33	9.40	4.75	-36.68	-13.00	-23.68	H
2539.50	-39.75	10.60	8.39	-37.54	-13.00	-24.54	H
3386.23	-31.19	12.00	11.79	-30.98	-13.00	-17.98	H
1693.28	-43.24	9.40	4.75	-38.59	-13.00	-25.59	V
2539.52	-44.40	10.60	8.39	-42.19	-13.00	-29.19	V
3385.96	-43.90	12.00	11.79	-43.69	-13.00	-30.69	V



HSDPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.17	-40.67	9.40	4.75	-36.02	-13.00	-23.02	H
2479.33	-40.05	10.60	8.39	-37.84	-13.00	-24.84	H
3305.67	-31.06	12.00	11.79	-30.85	-13.00	-17.85	H
1652.05	-43.39	9.40	4.75	-38.74	-13.00	-25.74	V
2479.52	-44.02	10.60	8.39	-41.81	-13.00	-28.81	V
3305.88	-43.18	12.00	11.79	-42.97	-13.00	-29.97	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.90	-40.67	9.40	4.75	-36.02	-13.00	-23.02	H
2509.68	-40.03	10.60	8.39	-37.82	-13.00	-24.82	H
3346.37	-31.19	12.00	11.79	-30.98	-13.00	-17.98	H
1672.97	-43.16	9.40	4.75	-38.51	-13.00	-25.51	V
2509.54	-44.83	10.60	8.39	-42.62	-13.00	-29.62	V
3346.42	-43.00	12.00	11.79	-42.79	-13.00	-29.79	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.39	-41.25	9.40	4.75	-36.60	-13.00	-23.60	H
2539.41	-39.34	10.60	8.39	-37.13	-13.00	-24.13	H
3386.17	-31.71	12.00	11.79	-31.50	-13.00	-18.50	H
1693.52	-43.75	9.40	4.75	-39.10	-13.00	-26.10	V
2539.25	-45.07	10.60	8.39	-42.86	-13.00	-29.86	V
3385.96	-43.32	12.00	11.79	-43.11	-13.00	-30.11	V



WCDMA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.20	-34.18	12.60	12.93	-34.51	-13.00	-21.51	H
5557.60	-34.50	13.10	17.11	-38.51	-13.00	-25.51	H
7409.79	-32.86	11.50	22.20	-43.56	-13.00	-30.56	H
3704.49	-34.67	12.60	12.93	-35.00	-13.00	-22.00	V
5557.36	-34.07	13.10	17.11	-38.08	-13.00	-25.08	V
7409.56	-31.89	11.50	22.20	-42.59	-13.00	-29.59	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.08	-34.46	12.60	12.93	-34.79	-13.00	-21.79	H
5640.22	-35.37	13.10	17.11	-39.38	-13.00	-26.38	H
7520.08	-33.00	11.50	22.20	-43.70	-13.00	-30.70	H
3760.28	-35.15	12.60	12.93	-35.48	-13.00	-22.48	V
5640.28	-34.72	13.10	17.11	-38.73	-13.00	-25.73	V
7520.27	-31.98	11.50	22.20	-42.68	-13.00	-29.68	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.27	-34.60	12.60	12.93	-34.93	-13.00	-21.93	H
5722.05	-34.98	13.10	17.11	-38.99	-13.00	-25.99	H
7630.05	-32.44	11.50	22.20	-43.14	-13.00	-30.14	H
3815.38	-34.62	12.60	12.93	-34.95	-13.00	-21.95	V
5722.30	-34.28	13.10	17.11	-38.29	-13.00	-25.29	V
7630.24	-32.30	11.50	22.20	-43.00	-13.00	-30.00	V



HSUPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.07	-34.85	12.60	12.93	-35.18	-13.00	-22.18	H
5557.39	-34.33	13.10	17.11	-38.34	-13.00	-25.34	H
7409.94	-33.00	11.50	22.20	-43.70	-13.00	-30.70	H
3704.01	-35.71	12.60	12.93	-36.04	-13.00	-23.04	V
5557.53	-34.43	13.10	17.11	-38.44	-13.00	-25.44	V
7409.49	-32.21	11.50	22.20	-42.91	-13.00	-29.91	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.93	-33.50	12.60	12.93	-33.83	-13.00	-20.83	H
5639.99	-34.44	13.10	17.11	-38.45	-13.00	-25.45	H
7520.07	-33.18	11.50	22.20	-43.88	-13.00	-30.88	H
3759.89	-35.47	12.60	12.93	-35.80	-13.00	-22.80	V
5640.21	-33.99	13.10	17.11	-38.00	-13.00	-25.00	V
7520.11	-32.25	11.50	22.20	-42.95	-13.00	-29.95	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.49	-34.46	12.60	12.93	-34.79	-13.00	-21.79	H
5722.30	-34.84	13.10	17.11	-38.85	-13.00	-25.85	H
7629.95	-33.37	11.50	22.20	-44.07	-13.00	-31.07	H
3815.71	-35.59	12.60	12.93	-35.92	-13.00	-22.92	V
5722.28	-35.03	13.10	17.11	-39.04	-13.00	-26.04	V
7629.86	-32.54	11.50	22.20	-43.24	-13.00	-30.24	V



HSDPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.02	-34.29	12.60	12.93	-34.62	-13.00	-21.62	H
5557.65	-34.64	13.10	17.11	-38.65	-13.00	-25.65	H
7409.74	-32.66	11.50	22.20	-43.36	-13.00	-30.36	H
3704.28	-35.99	12.60	12.93	-36.32	-13.00	-23.32	V
5557.34	-34.01	13.10	17.11	-38.02	-13.00	-25.02	V
7409.68	-32.64	11.50	22.20	-43.34	-13.00	-30.34	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.86	-34.26	12.60	12.93	-34.59	-13.00	-21.59	H
5640.18	-34.78	13.10	17.11	-38.79	-13.00	-25.79	H
7520.15	-33.60	11.50	22.20	-44.30	-13.00	-31.30	H
3759.93	-34.89	12.60	12.93	-35.22	-13.00	-22.22	V
5640.29	-34.76	13.10	17.11	-38.77	-13.00	-25.77	V
7519.96	-31.82	11.50	22.20	-42.52	-13.00	-29.52	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.60	-33.59	12.60	12.93	-33.92	-13.00	-20.92	H
5722.27	-34.11	13.10	17.11	-38.12	-13.00	-25.12	H
7630.02	-33.21	11.50	22.20	-43.91	-13.00	-30.91	H
3815.69	-35.95	12.60	12.93	-36.28	-13.00	-23.28	V
5722.51	-35.09	13.10	17.11	-39.10	-13.00	-26.10	V
7630.13	-32.68	11.50	22.20	-43.38	-13.00	-30.38	V



WCDMA Band 4: (30-20000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.70	-34.91	12.90	12.05	-34.06	-13.00	-21.06	H
5137.70	-34.20	12.80	16.27	-37.67	-13.00	-24.67	H
6850.19	-32.59	12.30	20.13	-40.42	-13.00	-27.42	H
3424.81	-35.16	12.90	12.05	-34.31	-13.00	-21.31	V
5137.42	-33.95	12.80	16.27	-37.42	-13.00	-24.42	V
6850.12	-33.08	12.30	20.13	-40.91	-13.00	-27.91	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.97	-34.54	12.90	12.05	-33.69	-13.00	-20.69	H
5220.00	-34.91	12.80	16.27	-38.38	-13.00	-25.38	H
6959.85	-33.36	12.30	20.13	-41.19	-13.00	-28.19	H
3479.76	-35.78	12.90	12.05	-34.93	-13.00	-21.93	V
5219.63	-34.16	12.80	16.27	-37.63	-13.00	-24.63	V
6959.78	-31.78	12.30	20.13	-39.61	-13.00	-26.61	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.47	-34.11	12.90	12.05	-33.26	-13.00	-20.26	H
5256.78	-34.05	12.80	16.27	-37.52	-13.00	-24.52	H
7009.16	-32.66	12.30	20.13	-40.49	-13.00	-27.49	H
3504.62	-35.08	12.90	12.05	-34.23	-13.00	-21.23	V
5256.89	-34.38	12.80	16.27	-37.85	-13.00	-24.85	V
7009.35	-33.14	12.30	20.13	-40.97	-13.00	-27.97	V



HSUPA Band 4: (30-20000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.73	-34.68	12.90	12.05	-33.83	-13.00	-20.83	H
5137.41	-34.71	12.80	16.27	-38.18	-13.00	-25.18	H
6850.39	-32.20	12.30	20.13	-40.03	-13.00	-27.03	H
3425.12	-35.10	12.90	12.05	-34.25	-13.00	-21.25	V
5137.61	-34.87	12.80	16.27	-38.34	-13.00	-25.34	V
6850.27	-33.09	12.30	20.13	-40.92	-13.00	-27.92	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.94	-33.46	12.90	12.05	-32.61	-13.00	-19.61	H
5219.73	-35.43	12.80	16.27	-38.90	-13.00	-25.90	H
6959.59	-32.28	12.30	20.13	-40.11	-13.00	-27.11	H
3479.90	-35.10	12.90	12.05	-34.25	-13.00	-21.25	V
5219.82	-34.36	12.80	16.27	-37.83	-13.00	-24.83	V
6959.64	-33.02	12.30	20.13	-40.85	-13.00	-27.85	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.31	-34.03	12.90	12.05	-33.18	-13.00	-20.18	H
5256.70	-34.61	12.80	16.27	-38.08	-13.00	-25.08	H
7009.16	-33.15	12.30	20.13	-40.98	-13.00	-27.98	H
3504.45	-34.85	12.90	12.05	-34.00	-13.00	-21.00	V
5257.19	-34.65	12.80	16.27	-38.12	-13.00	-25.12	V
7009.45	-32.74	12.30	20.13	-40.57	-13.00	-27.57	V



HSDPA Band 4: (30-20000)MHz							
The Worst Test Results for Channel 1313/1712.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.84	-34.29	12.90	12.05	-33.44	-13.00	-20.44	H
5137.56	-35.10	12.80	16.27	-38.57	-13.00	-25.57	H
6850.19	-33.07	12.30	20.13	-40.90	-13.00	-27.90	H
3424.98	-35.39	12.90	12.05	-34.54	-13.00	-21.54	V
5137.67	-34.04	12.80	16.27	-37.51	-13.00	-24.51	V
6849.97	-32.67	12.30	20.13	-40.50	-13.00	-27.50	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.56	-34.38	12.90	12.05	-33.53	-13.00	-20.53	H
5219.85	-35.49	12.80	16.27	-38.96	-13.00	-25.96	H
6959.51	-32.35	12.30	20.13	-40.18	-13.00	-27.18	H
3479.61	-35.43	12.90	12.05	-34.58	-13.00	-21.58	V
5219.89	-35.17	12.80	16.27	-38.64	-13.00	-25.64	V
6959.70	-32.84	12.30	20.13	-40.67	-13.00	-27.67	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3504.79	-34.56	12.90	12.05	-33.71	-13.00	-20.71	H
5256.74	-35.27	12.80	16.27	-38.74	-13.00	-25.74	H
7009.33	-33.12	12.30	20.13	-40.95	-13.00	-27.95	H
3504.63	-35.68	12.90	12.05	-34.83	-13.00	-21.83	V
5256.75	-34.81	12.80	16.27	-38.28	-13.00	-25.28	V
7009.35	-31.96	12.30	20.13	-39.79	-13.00	-26.79	V



APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

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

