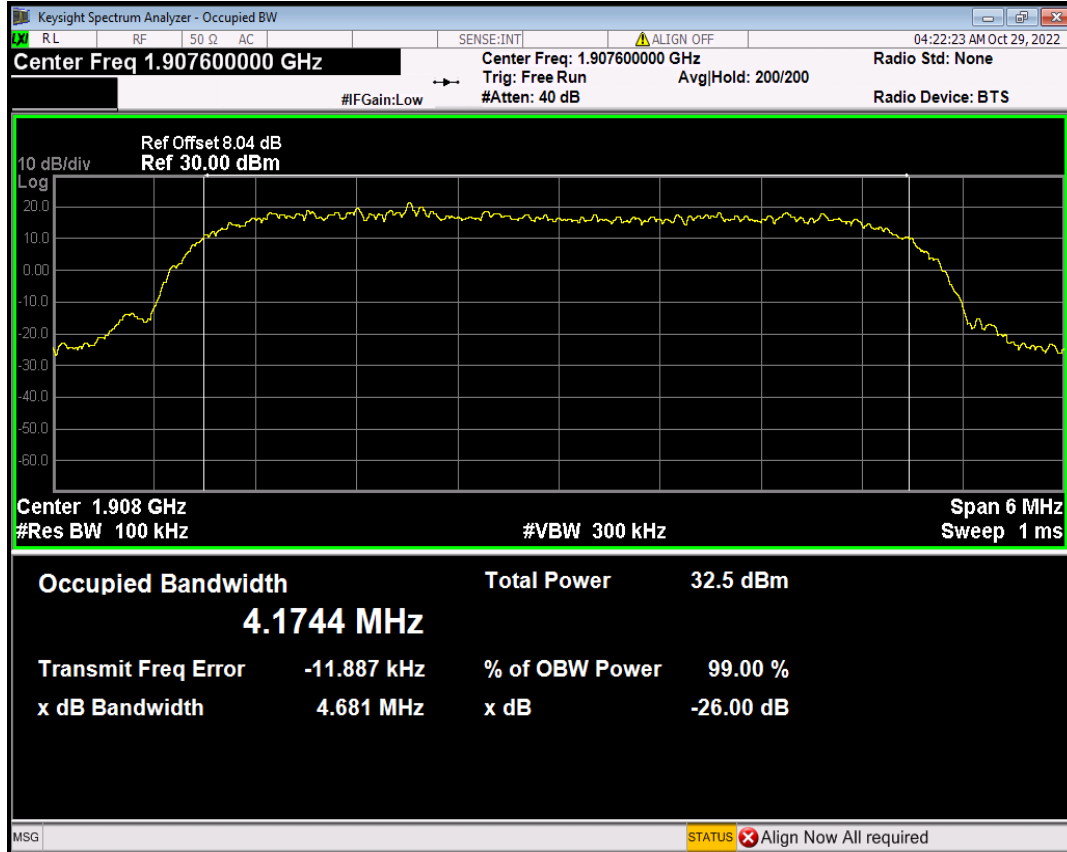
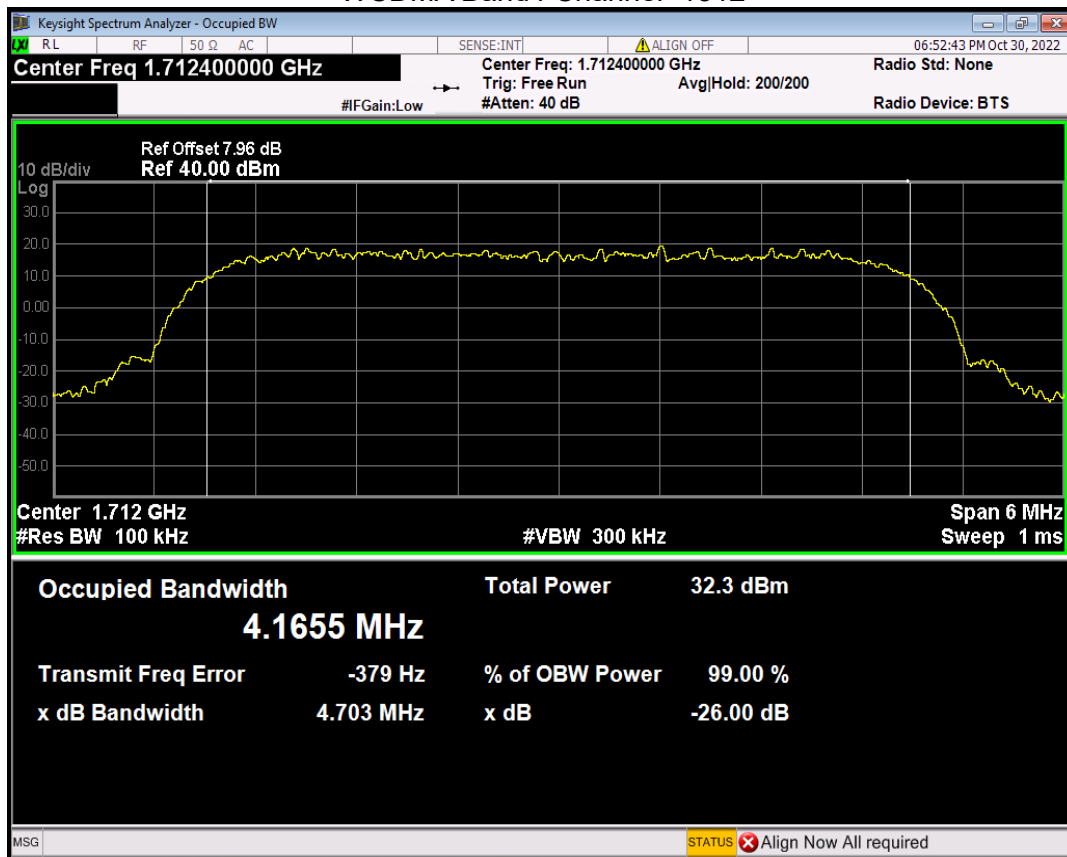


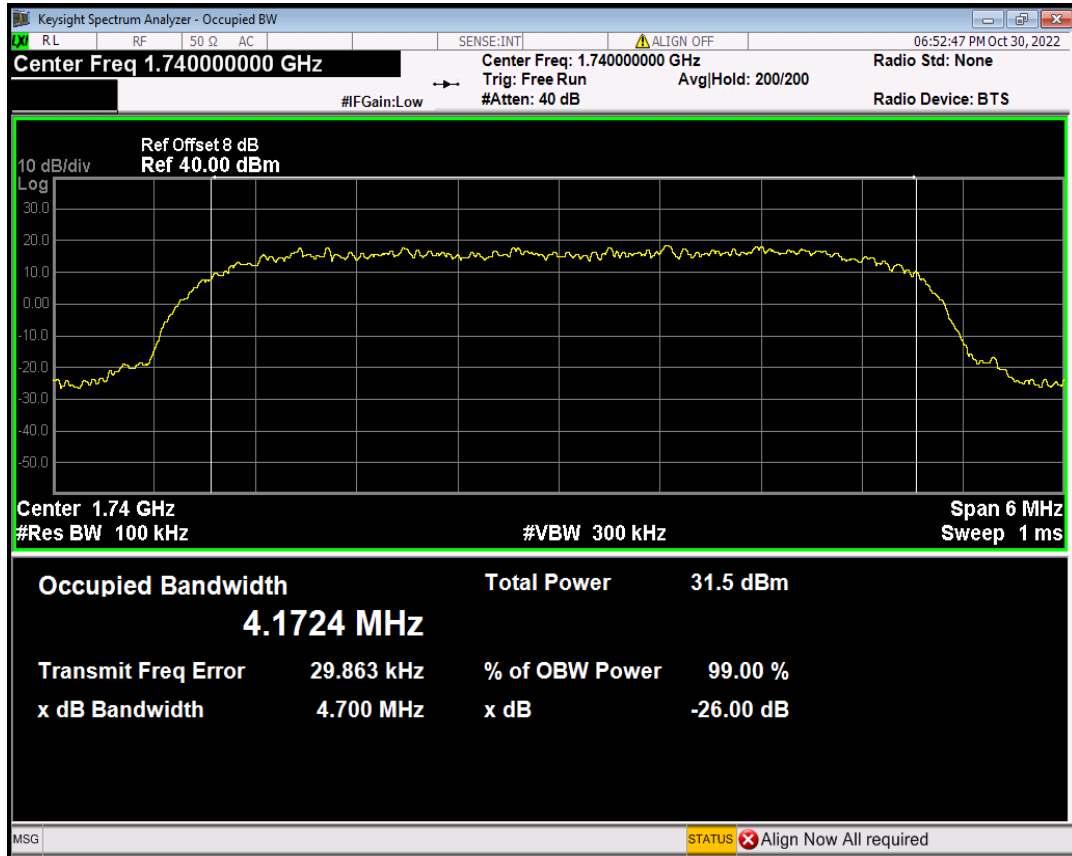
WCDMA Band2 Channel=9538



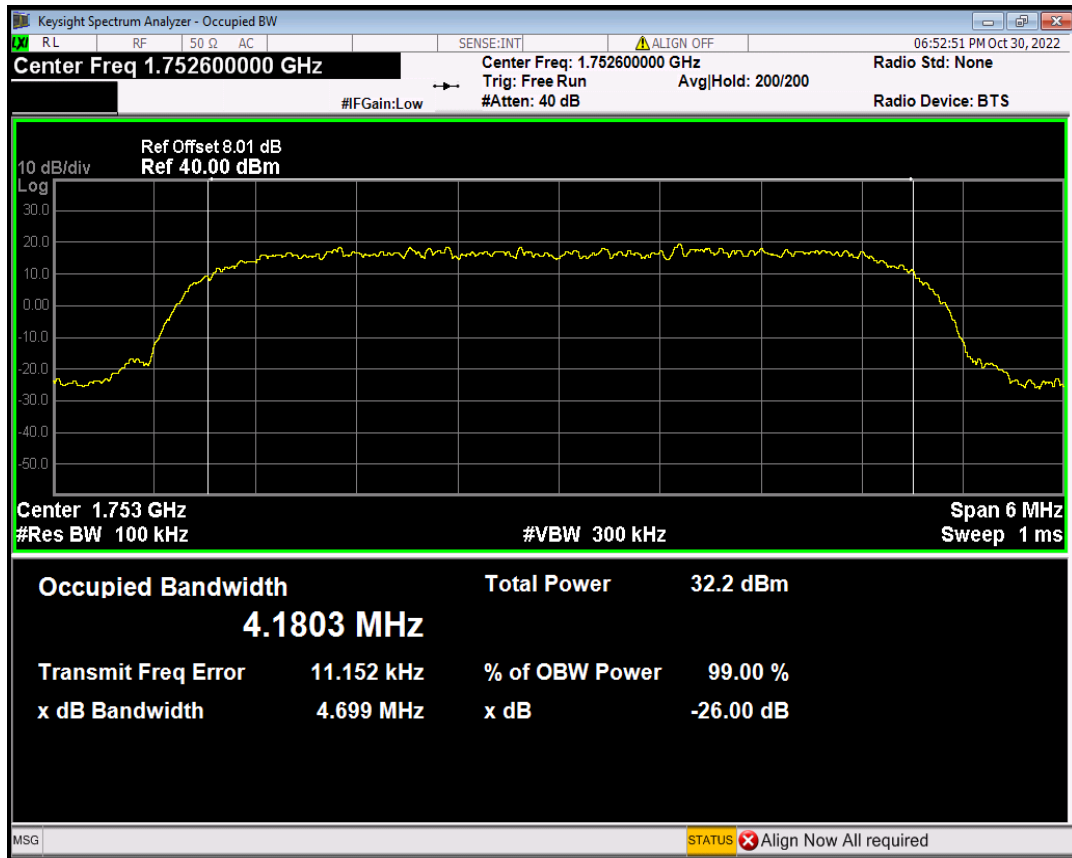
WCDMA Band4 Channel=1312



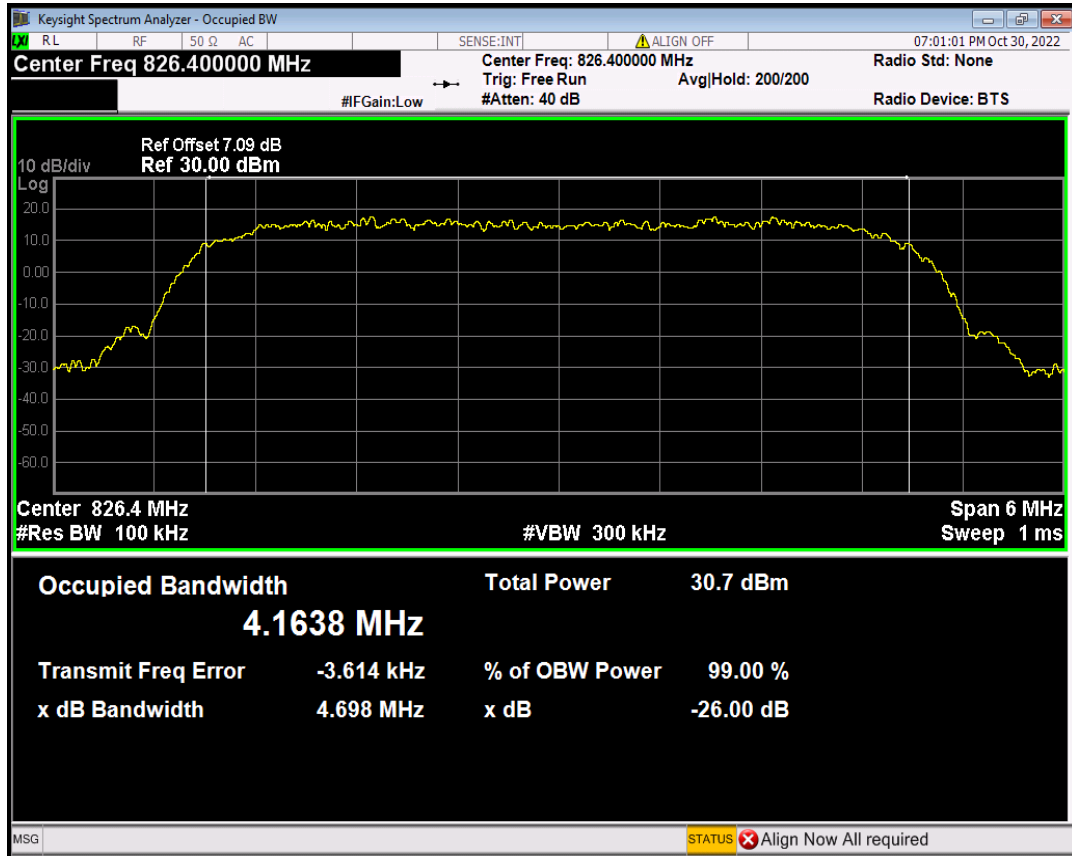
WCDMA Band4 Channel=1450



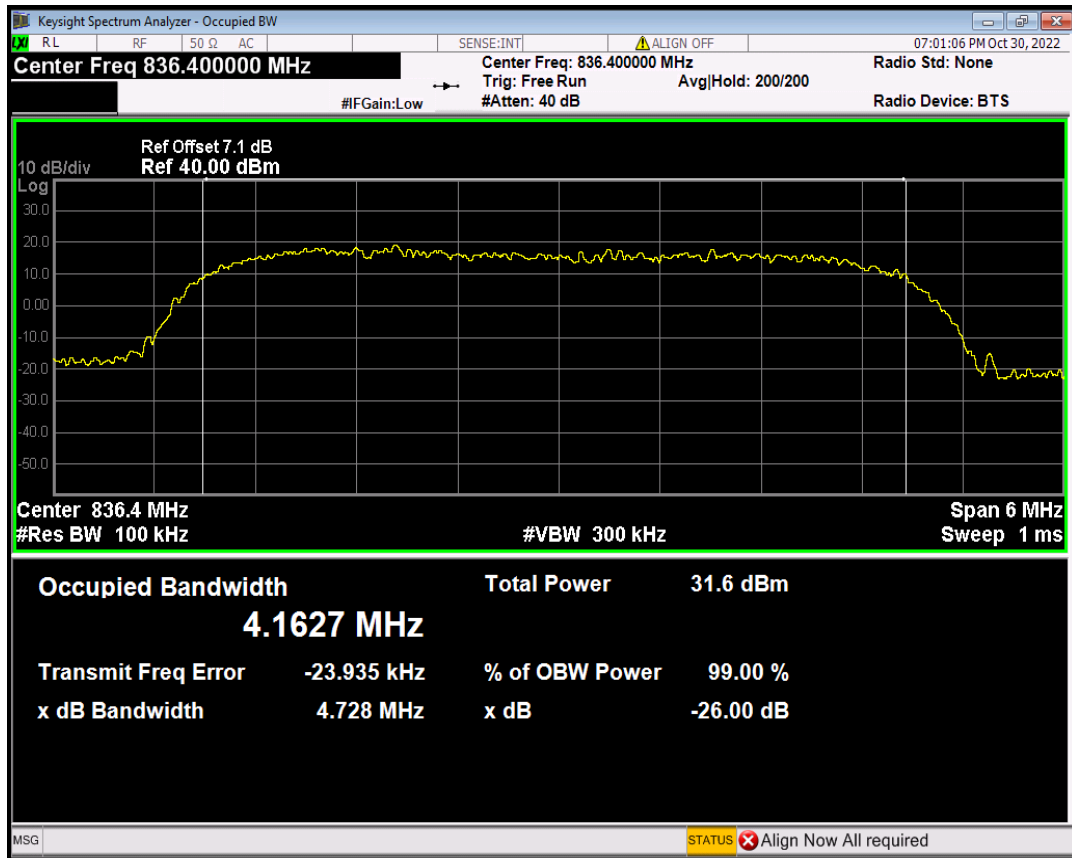
WCDMA Band4 Channel=1513



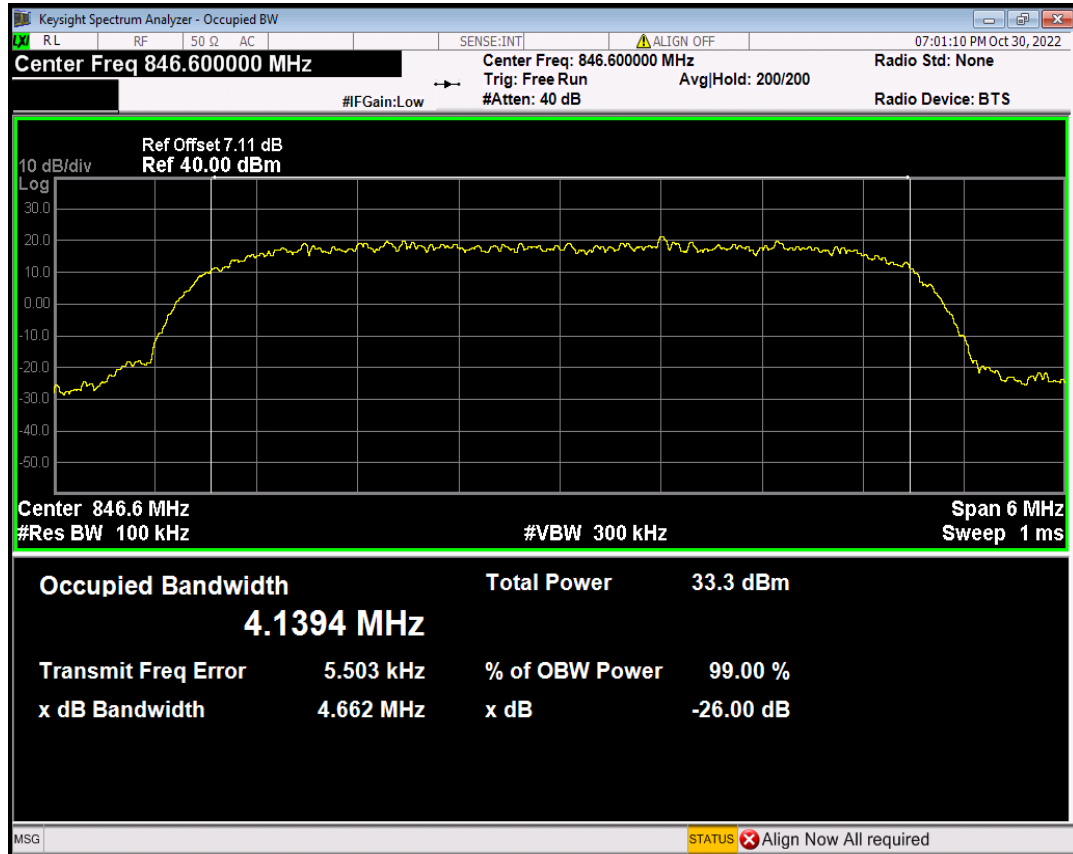
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



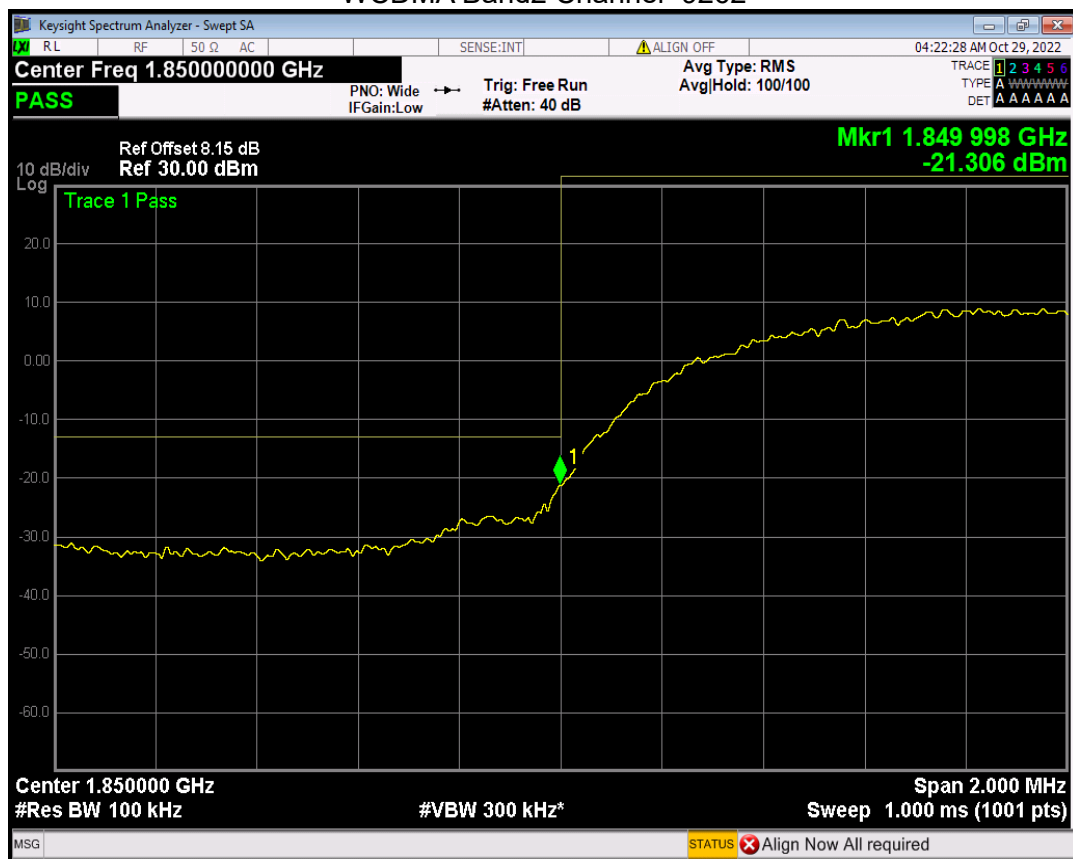
WCDMA Band5 Channel=4233



05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1850.00	-21.30	-13	PASS
WCDMA Band2	9538	1907.6	1910.00	-21.70	-13	PASS
WCDMA Band4	1312	1712.4	1710.00	-22.50	-13	PASS
WCDMA Band4	1513	1752.6	1755.00	-21.03	-13	PASS
WCDMA Band5	4132	826.4	824.00	-25.06	-13	PASS
WCDMA Band5	4233	846.6	849.00	-20.22	-13	PASS

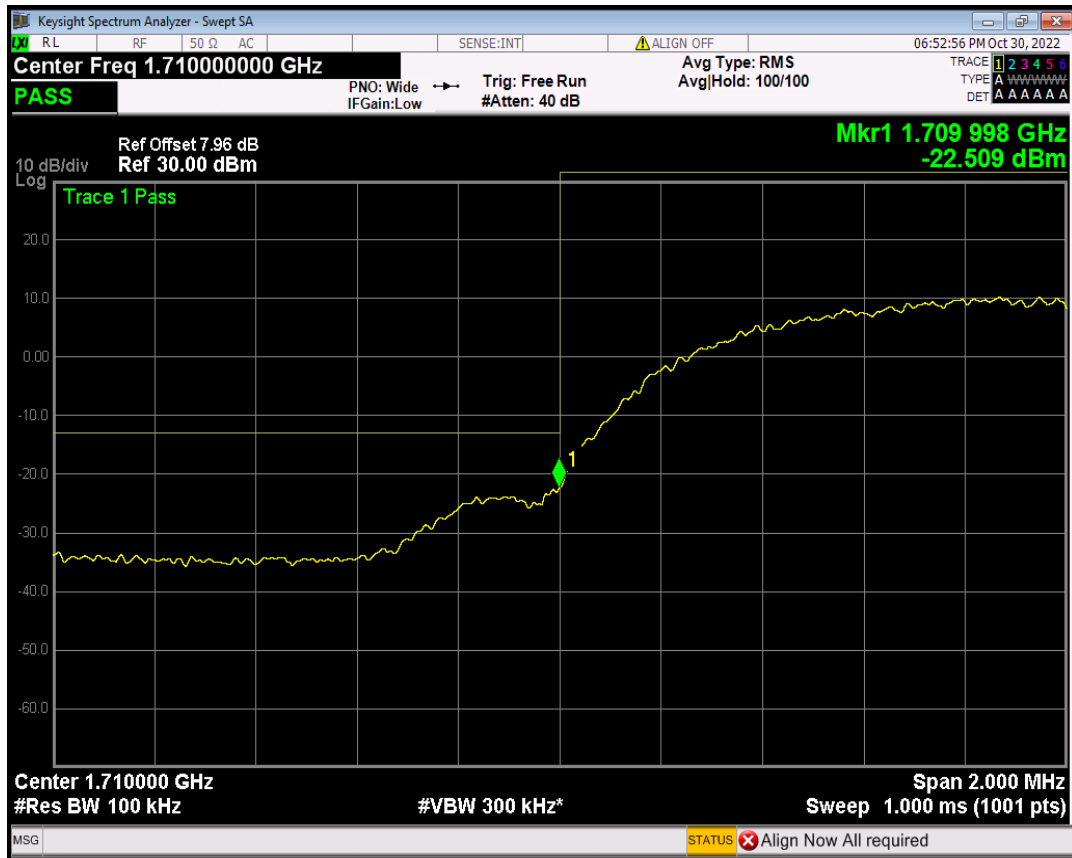
WCDMA Band2 Channel=9262



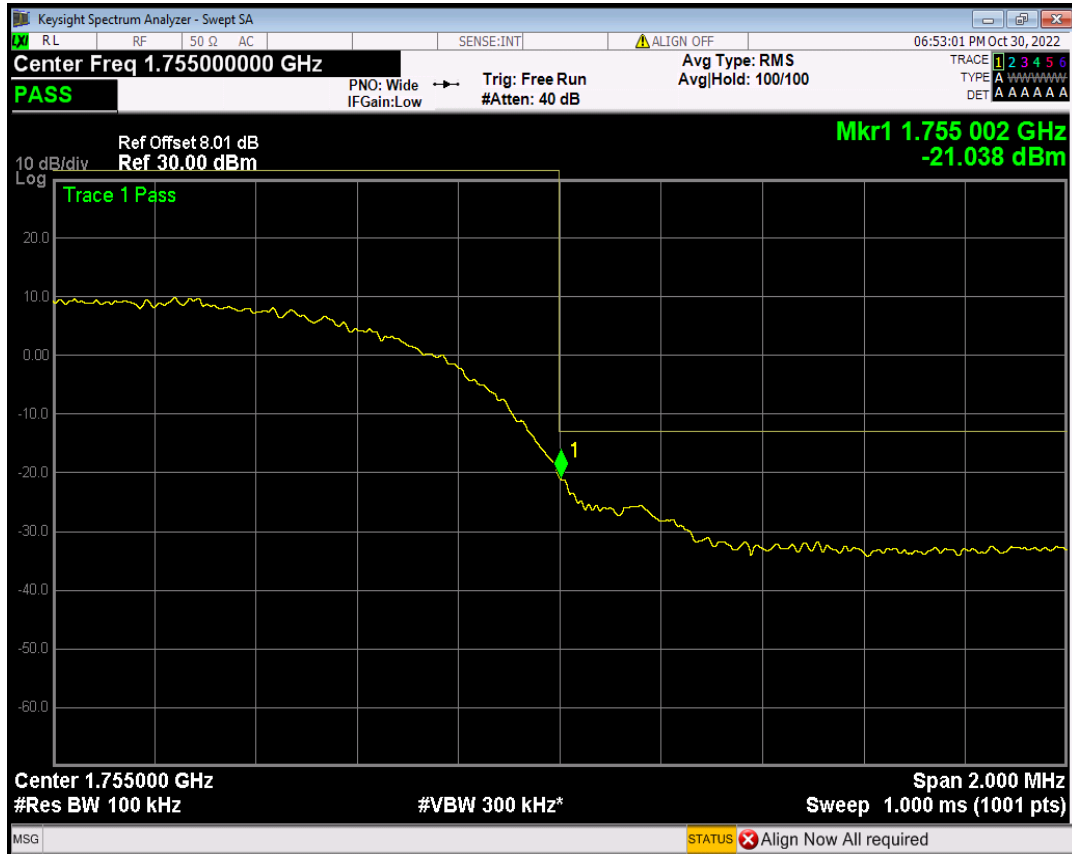
WCDMA Band2 Channel=9538



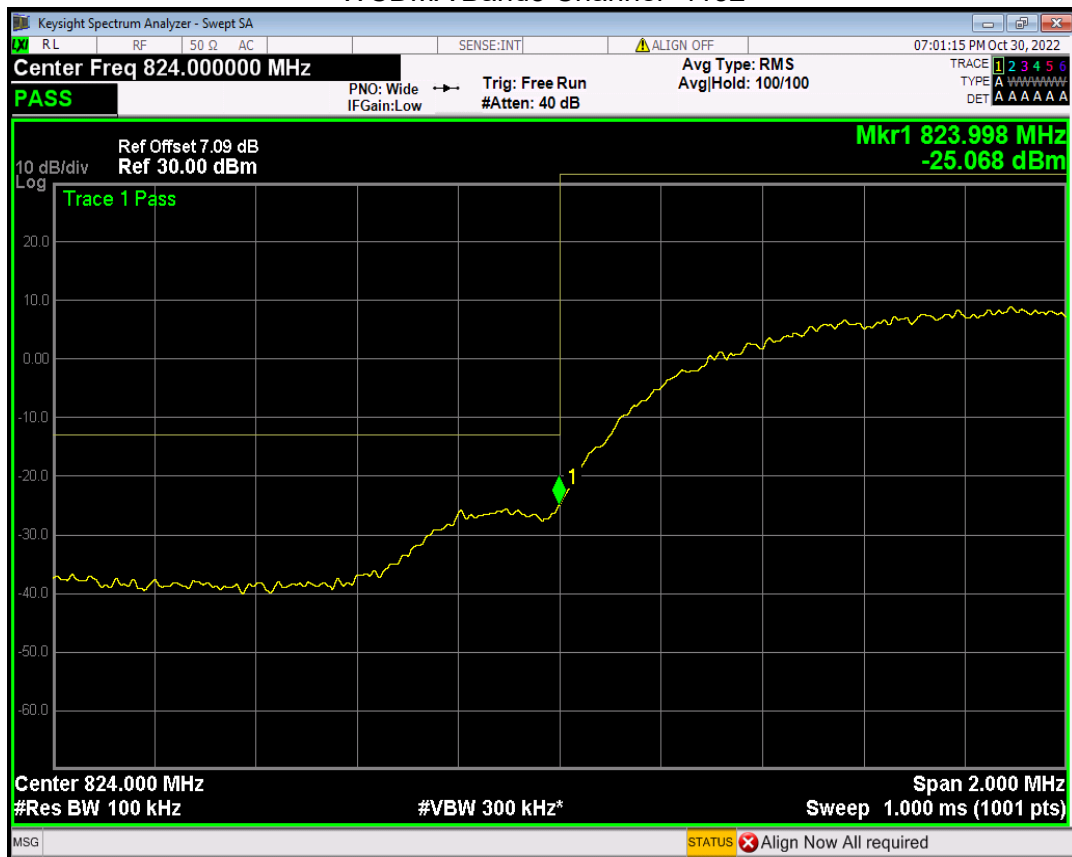
WCDMA Band4 Channel=1312



WCDMA Band4 Channel=1513



WCDMA Band5 Channel=4132



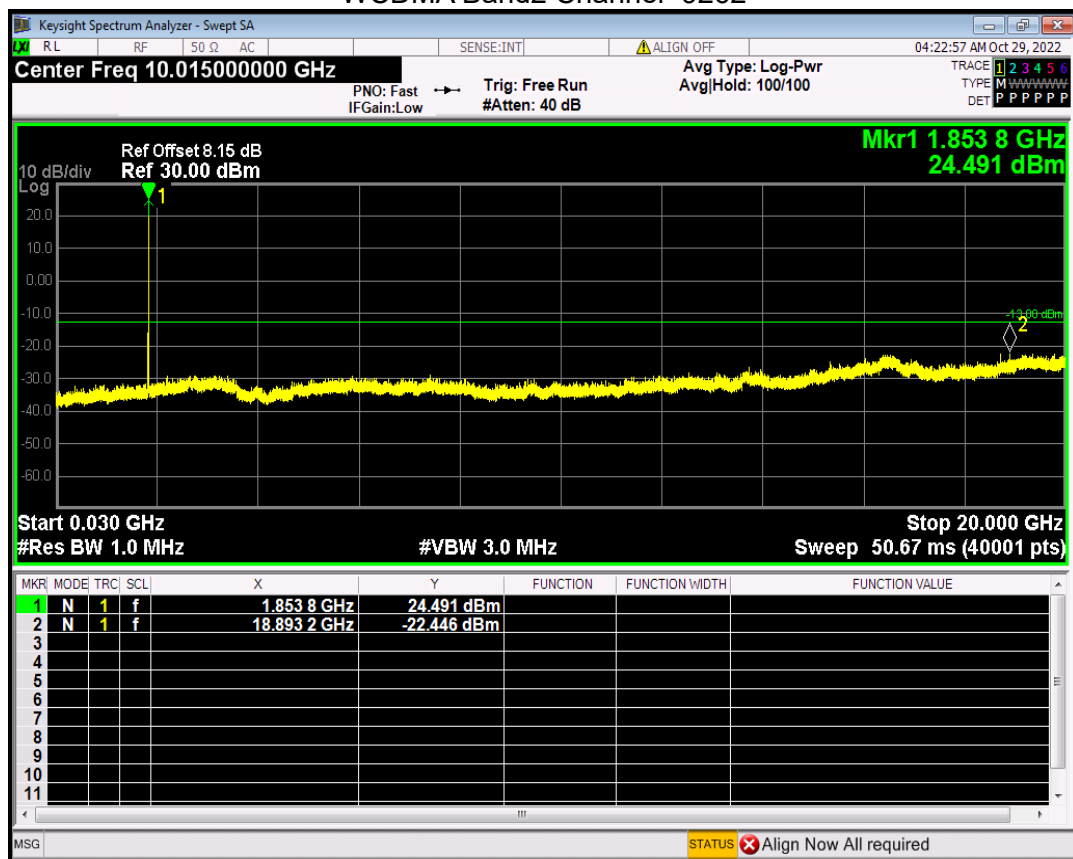
WCDMA Band5 Channel=4233



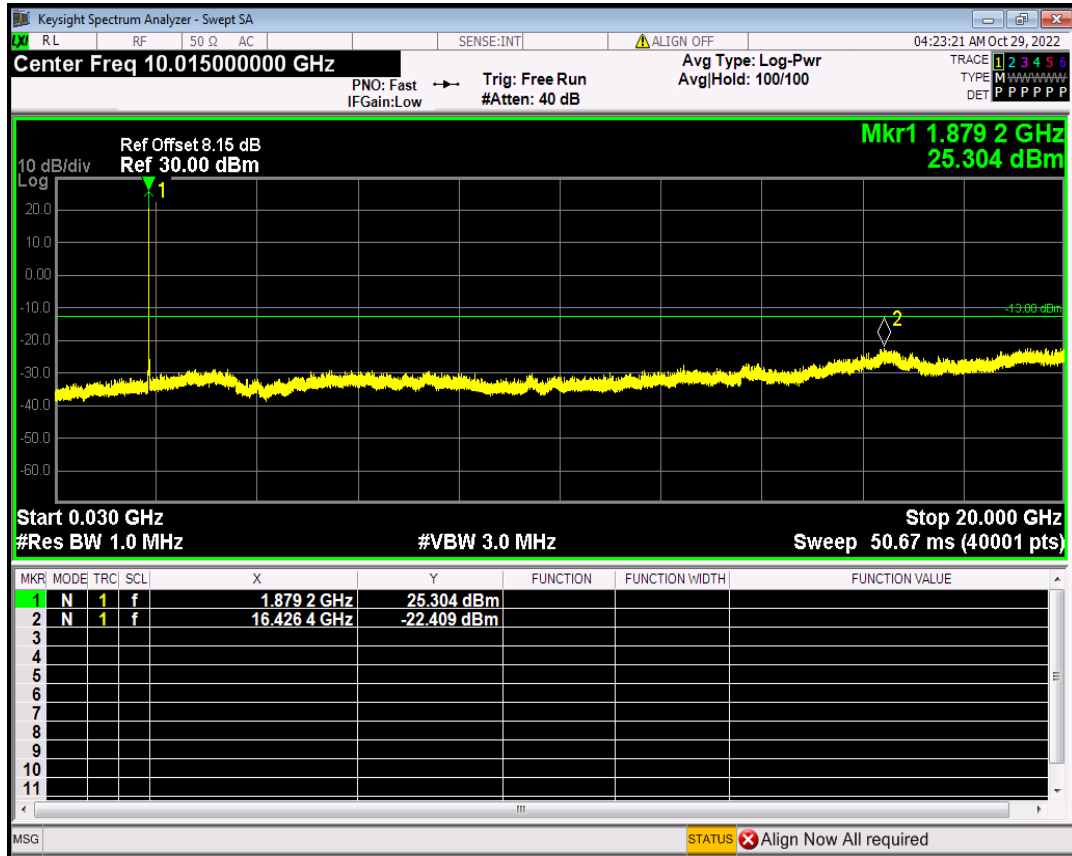
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	18893.16	-22.44	-13	PASS
WCDMA Band2	9400	1880	16426.37	-22.40	-13	PASS
WCDMA Band2	9538	1907.6	19166.25	-22.23	-13	PASS
WCDMA Band4	1312	1712.4	19258.61	-21.72	-13	PASS
WCDMA Band4	1450	1740	16472.30	-21.52	-13	PASS
WCDMA Band4	1513	1752.6	19970.05	-21.91	-13	PASS
WCDMA Band5	4132	826.4	3015.52	-29.44	-13	PASS
WCDMA Band5	4182	836.4	5474.12	-29.42	-13	PASS
WCDMA Band5	4233	846.6	2669.56	-28.85	-13	PASS

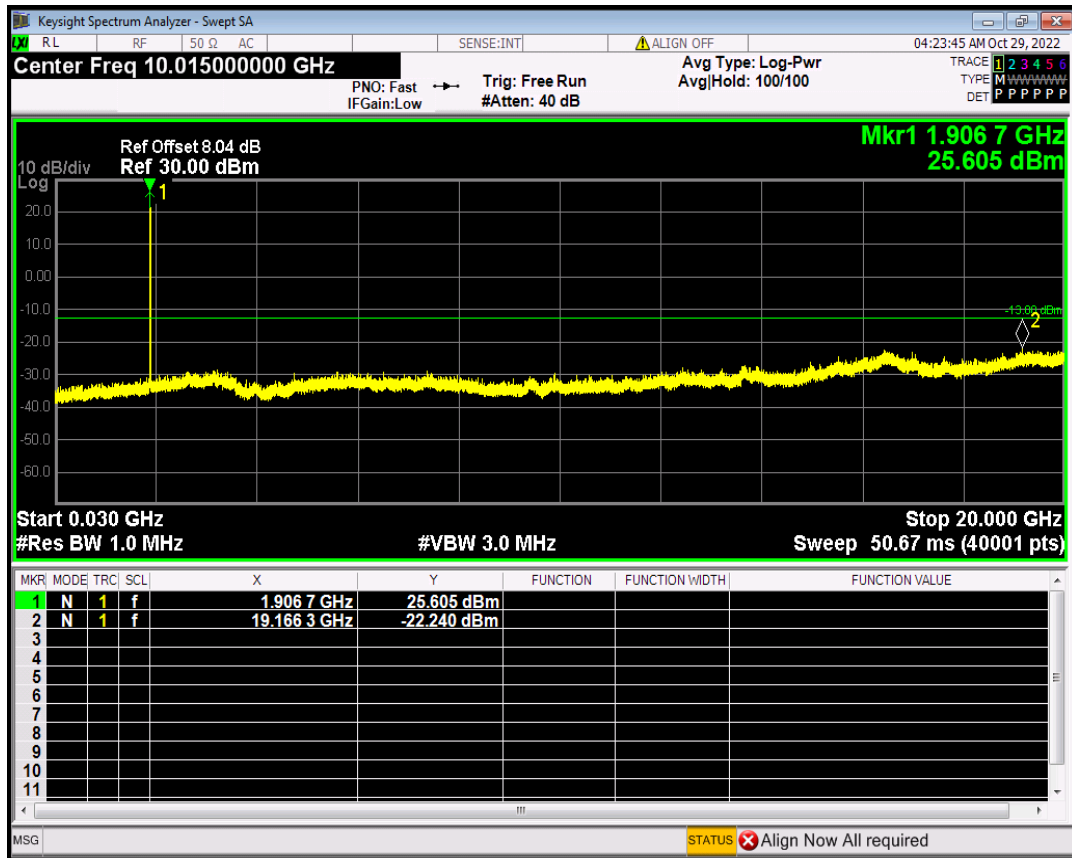
WCDMA Band2 Channel=9262



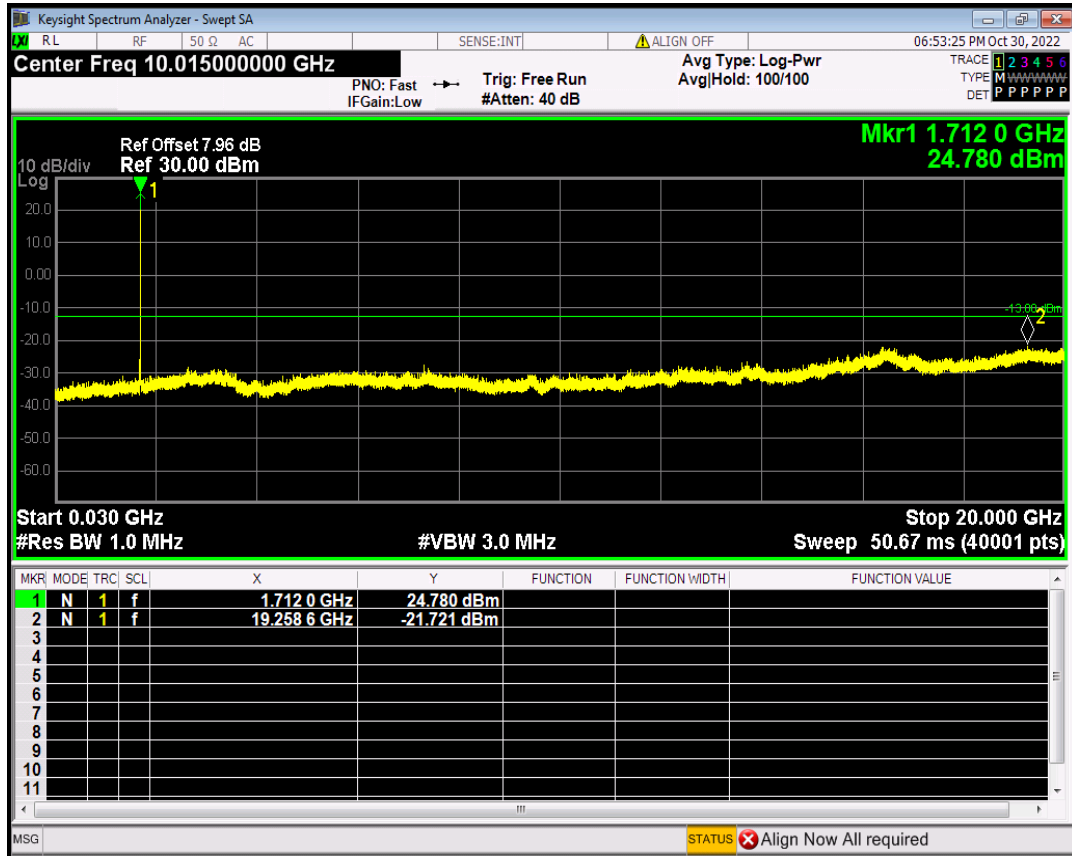
WCDMA Band2 Channel=9400



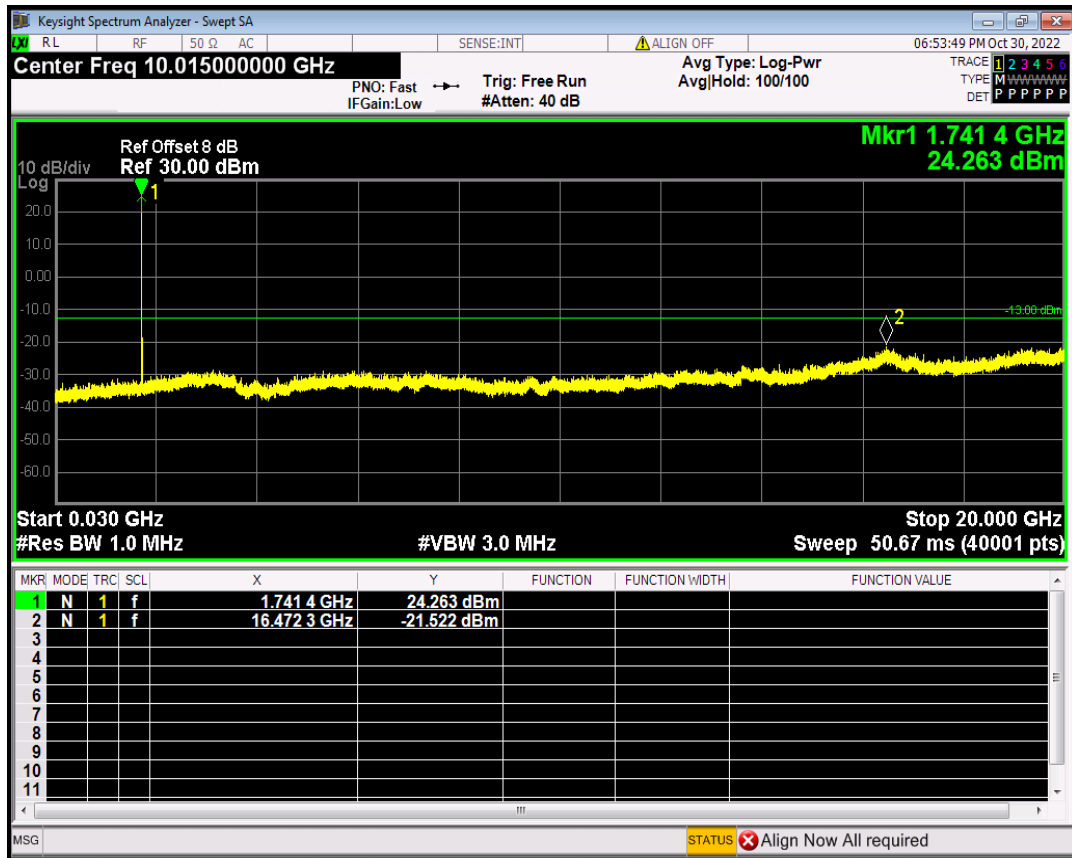
WCDMA Band2 Channel=9538



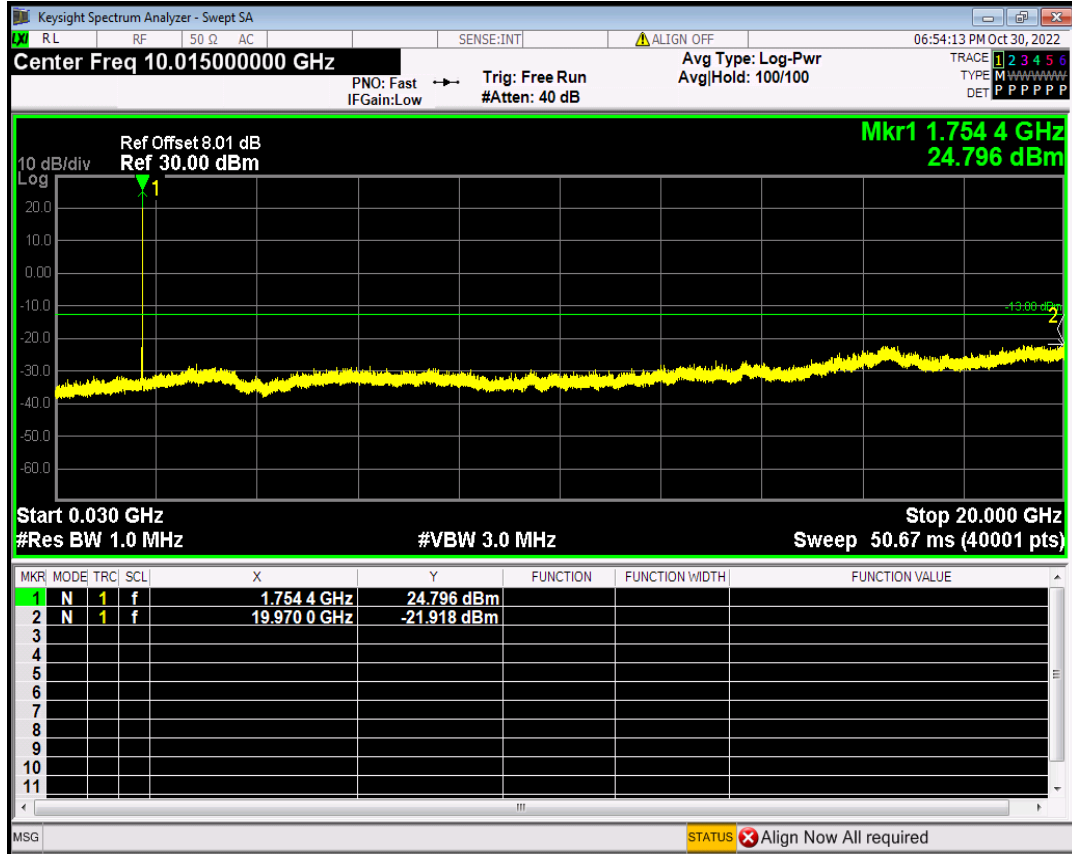
WCDMA Band4 Channel=1312



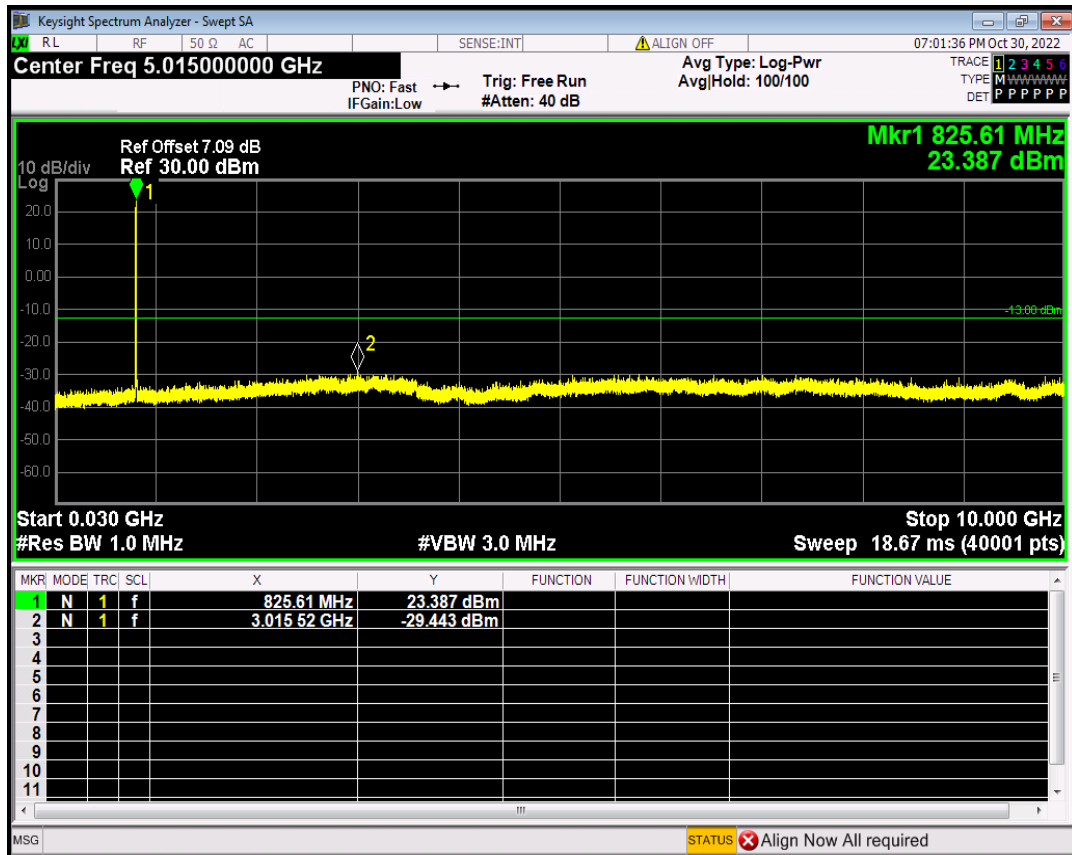
WCDMA Band4 Channel=1450



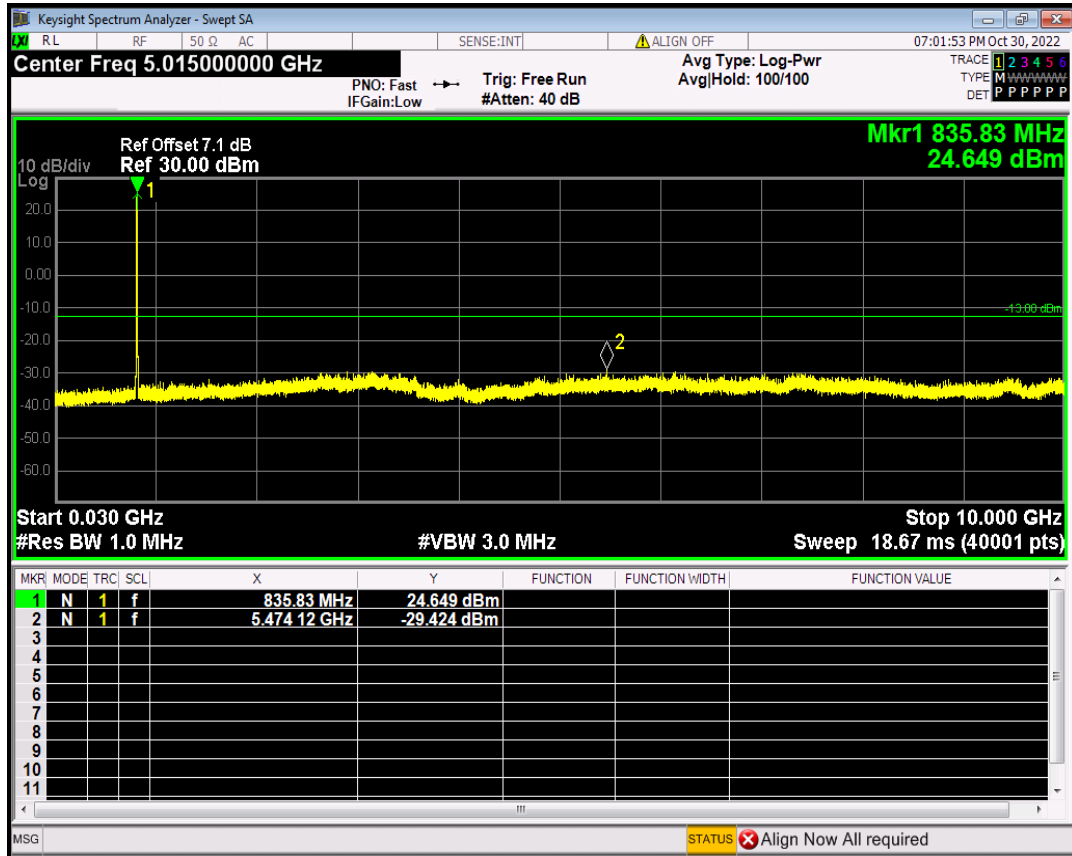
WCDMA Band4 Channel=1513



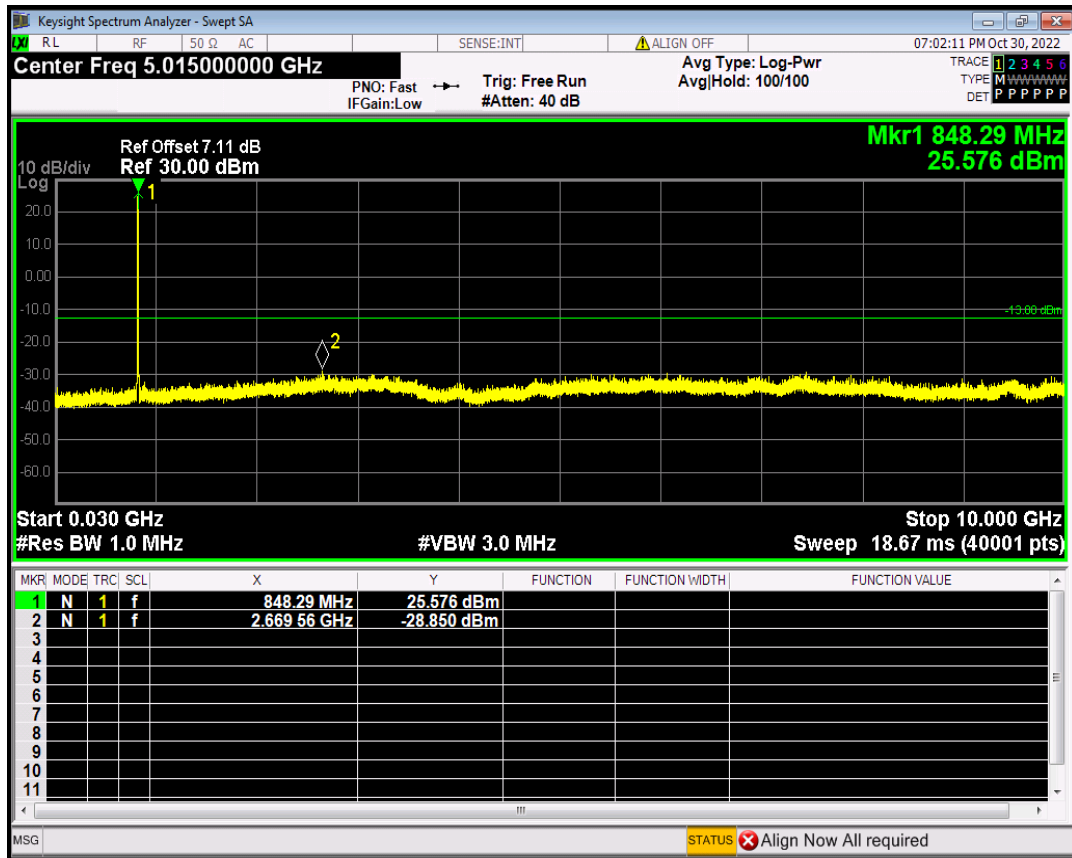
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4233



07 RADIATED SPURIOUS EMISSION

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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3704.46	-34.55	7.00	10.93	-38.48	-13.00	-25.48	H
5557.42	-35.25	8.20	15.11	-42.16	-13.00	-29.16	H
7409.95	-32.73	8.10	18.20	-42.83	-13.00	-29.83	H
3704.21	-35.92	7.00	10.93	-39.85	-13.00	-26.85	V
5557.20	-35.03	8.20	15.11	-41.94	-13.00	-28.94	V
7409.66	-32.65	8.10	18.20	-42.75	-13.00	-29.75	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3759.77	-34.71	7.00	10.93	-38.64	-13.00	-25.64	H
5640.05	-34.06	8.20	15.11	-40.97	-13.00	-27.97	H
7519.89	-32.59	8.10	18.20	-42.69	-13.00	-29.69	H
3759.87	-34.76	7.00	10.93	-38.69	-13.00	-25.69	V
5639.99	-33.82	8.20	15.11	-40.73	-13.00	-27.73	V
7519.90	-32.89	8.10	18.20	-42.99	-13.00	-29.99	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3815.55	-34.17	7.00	10.93	-38.10	-13.00	-25.10	H
5722.21	-34.14	8.20	15.11	-41.05	-13.00	-28.05	H
7630.20	-33.59	8.10	18.20	-43.69	-13.00	-30.69	H
3815.45	-34.63	7.00	10.93	-38.56	-13.00	-25.56	V
5722.32	-34.46	8.20	15.11	-41.37	-13.00	-28.37	V
7630.31	-32.61	8.10	18.20	-42.71	-13.00	-29.71	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3704.29	-34.71	7.00	10.93	-38.64	-13.00	-25.64	H
5557.35	-34.70	8.20	15.11	-41.61	-13.00	-28.61	H
7409.55	-33.38	8.10	18.20	-43.48	-13.00	-30.48	H
3704.27	-35.35	7.00	10.93	-39.28	-13.00	-26.28	V
5557.60	-34.56	8.20	15.11	-41.47	-13.00	-28.47	V
7409.51	-31.86	8.10	18.20	-41.96	-13.00	-28.96	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3759.93	-34.74	7.00	10.93	-38.67	-13.00	-25.67	H
5639.90	-34.29	8.20	15.11	-41.20	-13.00	-28.20	H
7520.09	-32.87	8.10	18.20	-42.97	-13.00	-29.97	H
3760.15	-35.47	7.00	10.93	-39.40	-13.00	-26.40	V
5640.23	-33.91	8.20	15.11	-40.82	-13.00	-27.82	V
7520.06	-31.92	8.10	18.20	-42.02	-13.00	-29.02	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3815.56	-34.77	7.00	10.93	-38.70	-13.00	-25.70	H
5722.11	-34.38	8.20	15.11	-41.29	-13.00	-28.29	H
7630.08	-32.47	8.10	18.20	-42.57	-13.00	-29.57	H
3815.37	-35.60	7.00	10.93	-39.53	-13.00	-26.53	V
5722.46	-35.09	8.20	15.11	-42.00	-13.00	-29.00	V
7629.87	-33.20	8.10	18.20	-43.30	-13.00	-30.30	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3704.33	-33.51	7.00	10.93	-37.44	-13.00	-24.44	H
5557.66	-34.82	8.20	15.11	-41.73	-13.00	-28.73	H
7409.75	-32.44	8.10	18.20	-42.54	-13.00	-29.54	H
3704.45	-35.40	7.00	10.93	-39.33	-13.00	-26.33	V
5557.19	-34.43	8.20	15.11	-41.34	-13.00	-28.34	V
7409.82	-32.57	8.10	18.20	-42.67	-13.00	-29.67	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3759.87	-34.10	7.00	10.93	-38.03	-13.00	-25.03	H
5639.92	-34.92	8.20	15.11	-41.83	-13.00	-28.83	H
7519.84	-32.33	8.10	18.20	-42.43	-13.00	-29.43	H
3760.01	-35.22	7.00	10.93	-39.15	-13.00	-26.15	V
5640.04	-34.95	8.20	15.11	-41.86	-13.00	-28.86	V
7519.97	-32.98	8.10	18.20	-43.08	-13.00	-30.08	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3815.25	-34.40	7.00	10.93	-38.33	-13.00	-25.33	H
5722.04	-34.50	8.20	15.11	-41.41	-13.00	-28.41	H
7629.89	-33.52	8.10	18.20	-43.62	-13.00	-30.62	H
3815.62	-34.79	7.00	10.93	-38.72	-13.00	-25.72	V
5722.24	-34.96	8.20	15.11	-41.87	-13.00	-28.87	V
7630.02	-32.78	8.10	18.20	-42.88	-13.00	-29.88	V

WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1652.34	-41.15	7.40	9.72	-43.47	-13.00	-30.47	H
2479.25	-39.75	8.25	10.86	-42.36	-13.00	-29.36	H
3305.49	-31.95	7.20	11.57	-36.32	-13.00	-23.32	H
1652.50	-44.19	7.40	9.72	-46.51	-13.00	-33.51	V
2479.21	-45.23	8.25	10.86	-47.84	-13.00	-34.84	V
3305.88	-43.12	7.20	11.57	-47.49	-13.00	-34.49	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1673.16	-41.47	7.40	9.72	-43.79	-13.00	-30.79	H
2509.57	-39.19	8.25	10.86	-41.80	-13.00	-28.80	H
3346.09	-31.36	7.20	11.57	-35.73	-13.00	-22.73	H
1672.90	-44.07	7.40	9.72	-46.39	-13.00	-33.39	V
2509.76	-43.97	8.25	10.86	-46.58	-13.00	-33.58	V
3346.25	-43.14	7.20	11.57	-47.51	-13.00	-34.51	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1693.39	-40.55	7.40	9.72	-42.87	-13.00	-29.87	H
2539.31	-40.03	8.25	10.86	-42.64	-13.00	-29.64	H
3386.22	-32.00	7.20	11.57	-36.37	-13.00	-23.37	H
1693.24	-43.40	7.40	9.72	-45.72	-13.00	-32.72	V
2539.46	-44.49	8.25	10.86	-47.10	-13.00	-34.10	V
3386.13	-42.59	7.20	11.57	-46.96	-13.00	-33.96	V

HSDPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1652.46	-40.90	7.40	9.72	-43.22	-13.00	-30.22	H
2479.57	-39.94	8.25	10.86	-42.55	-13.00	-29.55	H
3305.78	-31.03	7.20	11.57	-35.40	-13.00	-22.40	H
1652.25	-43.51	7.40	9.72	-45.83	-13.00	-32.83	V
2479.66	-44.03	8.25	10.86	-46.64	-13.00	-33.64	V
3305.81	-43.16	7.20	11.57	-47.53	-13.00	-34.53	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1672.81	-40.64	7.40	9.72	-42.96	-13.00	-29.96	H
2509.84	-39.49	8.25	10.86	-42.10	-13.00	-29.10	H
3346.08	-32.22	7.20	11.57	-36.59	-13.00	-23.59	H
1673.07	-44.14	7.40	9.72	-46.46	-13.00	-33.46	V
2509.85	-44.46	8.25	10.86	-47.07	-13.00	-34.07	V
3346.04	-43.73	7.20	11.57	-48.10	-13.00	-35.10	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1693.54	-40.77	7.40	9.72	-43.09	-13.00	-30.09	H
2539.27	-39.90	8.25	10.86	-42.51	-13.00	-29.51	H
3386.18	-32.11	7.20	11.57	-36.48	-13.00	-23.48	H
1693.41	-44.28	7.40	9.72	-46.60	-13.00	-33.60	V
2539.26	-44.36	8.25	10.86	-46.97	-13.00	-33.97	V
3385.92	-42.96	7.20	11.57	-47.33	-13.00	-34.33	V

HSUPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1652.13	-40.18	7.40	9.72	-42.50	-13.00	-29.50	H
2479.28	-40.37	8.25	10.86	-42.98	-13.00	-29.98	H
3305.58	-32.05	7.20	11.57	-36.42	-13.00	-23.42	H
1652.15	-43.96	7.40	9.72	-46.28	-13.00	-33.28	V
2479.46	-44.59	8.25	10.86	-47.20	-13.00	-34.20	V
3305.70	-43.66	7.20	11.57	-48.03	-13.00	-35.03	V
The Worst Test Results Channel 4183/836.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1673.21	-41.37	7.40	9.72	-43.69	-13.00	-30.69	H
2509.42	-40.64	8.25	10.86	-43.25	-13.00	-30.25	H
3346.21	-31.66	7.20	11.57	-36.03	-13.00	-23.03	H
1673.10	-44.38	7.40	9.72	-46.70	-13.00	-33.70	V
2509.52	-44.30	8.25	10.86	-46.91	-13.00	-33.91	V
3346.22	-43.18	7.20	11.57	-47.55	-13.00	-34.55	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1693.60	-41.33	7.40	9.72	-43.65	-13.00	-30.65	H
2539.45	-39.21	8.25	10.86	-41.82	-13.00	-28.82	H
3386.11	-31.21	7.20	11.57	-35.58	-13.00	-22.58	H
1693.25	-44.60	7.40	9.72	-46.92	-13.00	-33.92	V
2539.48	-44.10	8.25	10.86	-46.71	-13.00	-33.71	V
3386.15	-42.79	7.20	11.57	-47.16	-13.00	-34.16	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3424.86	-33.91	7.20	11.21	-37.92	-13.00	-24.92	H
5137.39	-34.61	7.90	14.58	-41.29	-13.00	-28.29	H
6850.35	-33.51	8.20	17.35	-42.66	-13.00	-29.66	H
3425.05	-35.39	7.20	11.21	-39.40	-13.00	-26.40	V
5137.40	-33.83	7.90	14.58	-40.51	-13.00	-27.51	V
6849.97	-32.65	8.20	17.35	-41.80	-13.00	-28.80	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3479.69	-34.71	7.20	11.21	-38.72	-13.00	-25.72	H
5219.67	-34.71	7.90	14.58	-41.39	-13.00	-28.39	H
6959.72	-33.55	8.20	17.35	-42.70	-13.00	-29.70	H
3479.70	-35.83	7.20	11.21	-39.84	-13.00	-26.84	V
5219.78	-34.36	7.90	14.58	-41.04	-13.00	-28.04	V
6959.73	-32.79	8.20	17.35	-41.94	-13.00	-28.94	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3504.71	-34.74	7.20	11.21	-38.75	-13.00	-25.75	H
5256.98	-34.12	7.90	14.58	-40.80	-13.00	-27.80	H
7009.48	-32.71	8.20	17.35	-41.86	-13.00	-28.86	H
3504.61	-34.67	7.20	11.21	-38.68	-13.00	-25.68	V
5257.15	-34.55	7.90	14.58	-41.23	-13.00	-28.23	V
7009.36	-32.13	8.20	17.35	-41.28	-13.00	-28.28	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3424.99	-33.56	12.90	12.05	-32.71	-13.00	-19.71	H
5137.32	-34.37	12.80	16.27	-37.84	-13.00	-24.84	H
6850.14	-32.75	12.30	20.13	-40.58	-13.00	-27.58	H
3424.74	-35.35	12.90	12.05	-34.50	-13.00	-21.50	V
5137.43	-33.85	12.80	16.27	-37.32	-13.00	-24.32	V
6850.11	-32.90	12.30	20.13	-40.73	-13.00	-27.73	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3479.94	-34.27	12.90	12.05	-33.42	-13.00	-20.42	H
5219.52	-34.94	12.80	16.27	-38.41	-13.00	-25.41	H
6959.78	-33.17	12.30	20.13	-41.00	-13.00	-28.00	H
3479.93	-35.79	12.90	12.05	-34.94	-13.00	-21.94	V
5219.81	-35.03	12.80	16.27	-38.50	-13.00	-25.50	V
6959.76	-33.07	12.30	20.13	-40.90	-13.00	-27.90	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3504.38	-34.16	12.90	12.05	-33.31	-13.00	-20.31	H
5256.70	-35.10	12.80	16.27	-38.57	-13.00	-25.57	H
7009.43	-32.33	12.30	20.13	-40.16	-13.00	-27.16	H
3504.57	-35.71	12.90	12.05	-34.86	-13.00	-21.86	V
5256.86	-34.25	12.80	16.27	-37.72	-13.00	-24.72	V
7009.47	-32.00	12.30	20.13	-39.83	-13.00	-26.83	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3425.11	-34.07	7.20	11.21	-38.08	-13.00	-25.08	H
5137.45	-35.13	7.90	14.58	-41.81	-13.00	-28.81	H
6849.92	-33.38	8.20	17.35	-42.53	-13.00	-29.53	H
3424.76	-35.49	7.20	11.21	-39.50	-13.00	-26.50	V
5137.60	-34.27	7.90	14.58	-40.95	-13.00	-27.95	V
6850.23	-32.25	8.20	17.35	-41.40	-13.00	-28.40	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3479.96	-33.84	7.20	11.21	-37.85	-13.00	-24.85	H
5219.76	-34.46	7.90	14.58	-41.14	-13.00	-28.14	H
6959.82	-33.22	8.20	17.35	-42.37	-13.00	-29.37	H
3479.82	-35.99	7.20	11.21	-40.00	-13.00	-27.00	V
5219.99	-34.85	7.90	14.58	-41.53	-13.00	-28.53	V
6959.61	-32.97	8.20	17.35	-42.12	-13.00	-29.12	V
The Worst Test Results for Channel 1512/1752.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3504.79	-34.15	7.20	11.21	-38.16	-13.00	-25.16	H
5257.06	-34.38	7.90	14.58	-41.06	-13.00	-28.06	H
7009.19	-33.20	8.20	17.35	-42.35	-13.00	-29.35	H
3504.78	-34.58	7.20	11.21	-38.59	-13.00	-25.59	V
5256.96	-34.39	7.90	14.58	-41.07	-13.00	-28.07	V
7009.20	-33.12	8.20	17.35	-42.27	-13.00	-29.27	V

CDMA
01 CONDUCTED OUTPUT POWER

CDMA BC0							
Mode	Frequency (MHz)	Conducti on AVG Power(d Bm)	Ant Gain (dBi)	ERP (dBm)	ERP Limit (W)	ERP Limit (dBm)	Conclusi on
CDMA BC0	824.70	23.88	-1.8	19.93	7.00	38.45	PASS
	836.52	23.15	-1.8	19.2	7.00	38.45	PASS
	848.31	23.88	-1.8	19.93	7.00	38.45	PASS
EVDO BC0	824.70	23.72	-1.8	19.77	7.00	38.45	PASS
	836.52	23.54	-1.8	19.59	7.00	38.45	PASS
	848.31	23.63	-1.8	19.68	7.00	38.45	PASS

CDMA BC1							
Mode	Frequency (MHz)	Conducti on AVG Power(d Bm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dB m)	Conclusi on
CDMA BC1	1851.25	22.92	0.7	23.62	2.00	33.01	PASS
	1880.00	23.27	0.7	23.97	2.00	33.01	PASS
	1908.75	23.16	0.7	23.86	2.00	33.01	PASS
EVDO BC1	1851.25	22.77	0.7	23.47	2.00	33.01	PASS
	1880.00	22.95	0.7	23.65	2.00	33.01	PASS
	1908.75	22.88	0.7	23.58	2.00	33.01	PASS

02 Frequency stability

CDMA BC0					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.55	0.019	2.5ppm	PASS
40		13.24	0.016		
30		24.38	0.029		
20		23.92	0.029		
10		34.85	0.042		
0		29.17	0.035		
-10		13.30	0.016		
-20		16.95	0.020		
-30		25.19	0.030		
20	Maximum Voltage	26.90	0.032		
20	BEP	34.14	0.041		

CDMA BC1					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.99	0.010	Within Authorized Band	PASS
40		14.72	0.008		
30		22.73	0.012		
20		16.06	0.009		
10		15.89	0.008		
0		18.04	0.010		
-10		16.80	0.009		
-20		12.26	0.007		
-30		16.71	0.009		
20	Maximum Voltage	18.12	0.010		
20	BEP	32.33	0.017		

EVDO BC0					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.32	0.036	2.5ppm	PASS
40		32.51	0.039		
30		30.96	0.037		
20		19.21	0.023		
10		22.09	0.026		
0		33.12	0.040		
-10		25.17	0.030		
-20		30.28	0.036		
-30		25.40	0.030		
20	Maximum Voltage	17.18	0.021		
20	BEP	26.74	0.032		

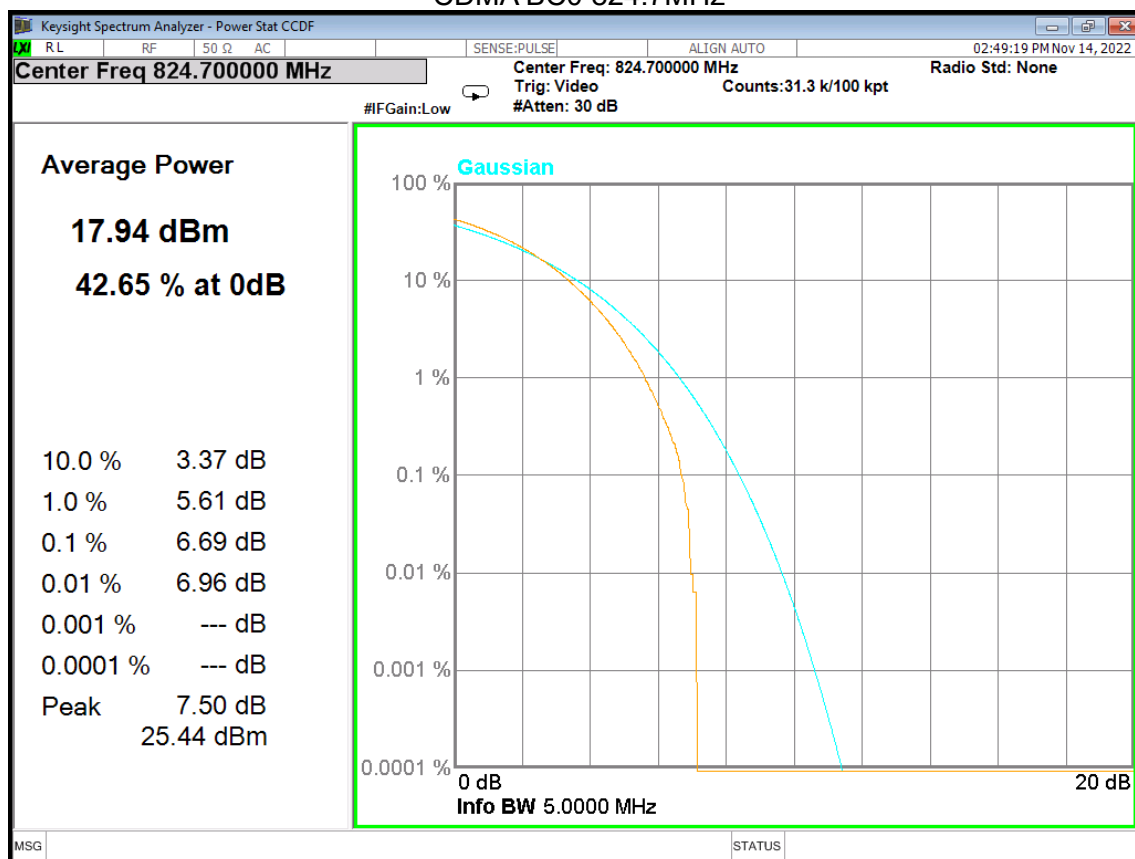
EVDO BC1					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.25	0.018	Within Authorized Band	PASS
40		34.51	0.018		
30		33.58	0.018		
20		13.46	0.007		
10		26.04	0.014		
0		31.96	0.017		
-10		24.65	0.013		
-20		25.61	0.014		
-30		33.09	0.018		
20	Maximum Voltage	19.79	0.011		
20	BEP	34.53	0.018		

03 Peak-to-Average Ratio

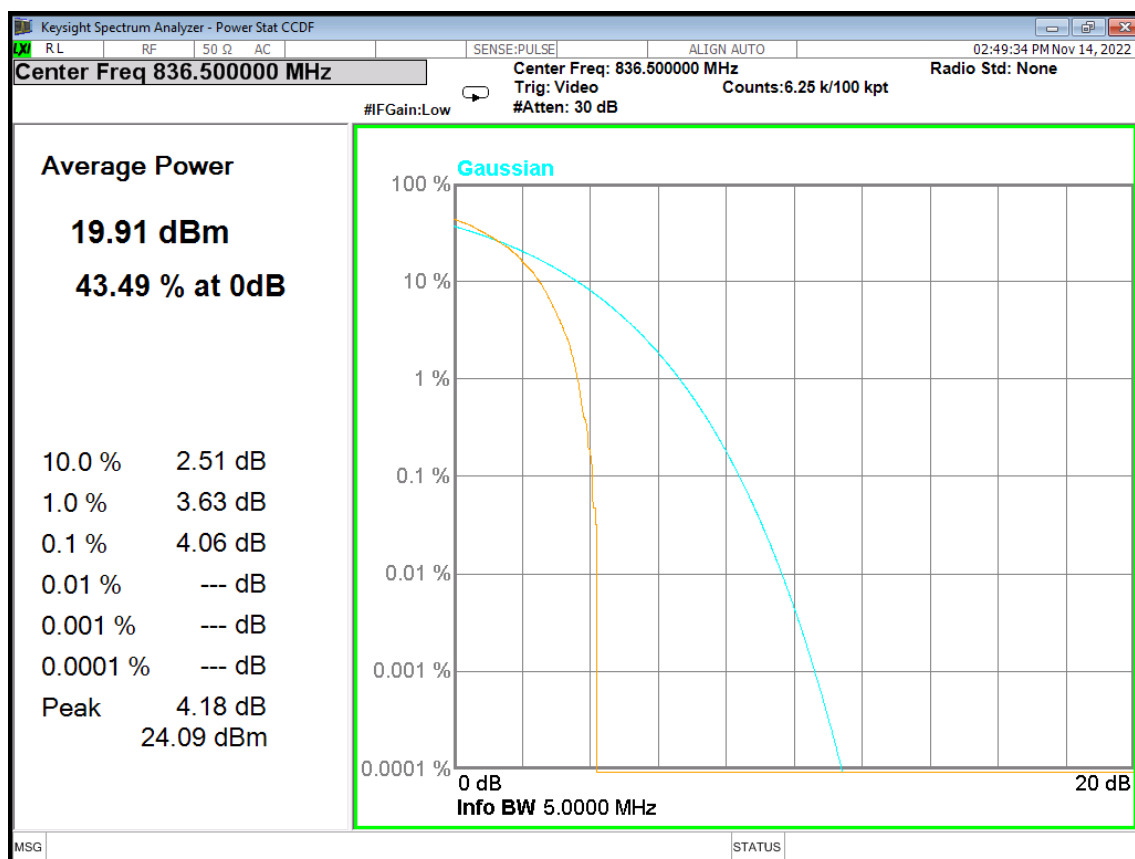
Band	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
CDMA BC0	824.7	6.69	13	PASS
CDMA BC0	836.5	4.06	13	PASS
CDMA BC0	848.3	3.82	13	PASS
EVDO BC0	824.7	4.75	13	PASS
EVDO BC0	836.5	4.02	13	PASS
EVDO BC0	848.3	4.04	13	PASS

Band	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
CDMA BC1	1851.25	4.22	13	PASS
CDMA BC1	1880	3.86	13	PASS
CDMA BC1	1908.75	4.31	13	PASS
EVDO BC1	1851.25	5.04	13	PASS
EVDO BC1	1880	4.04	13	PASS
EVDO BC1	1908.75	4.51	13	PASS

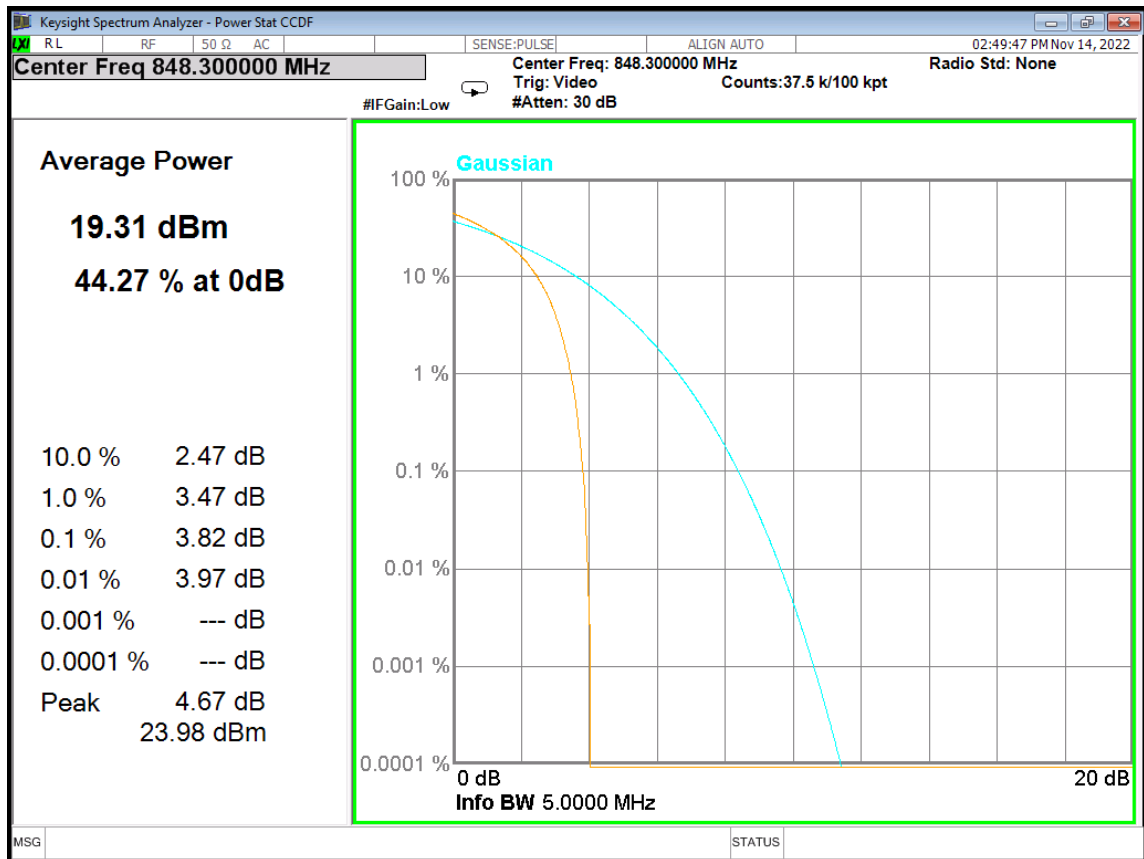
CDMA BC0 824.7MHz



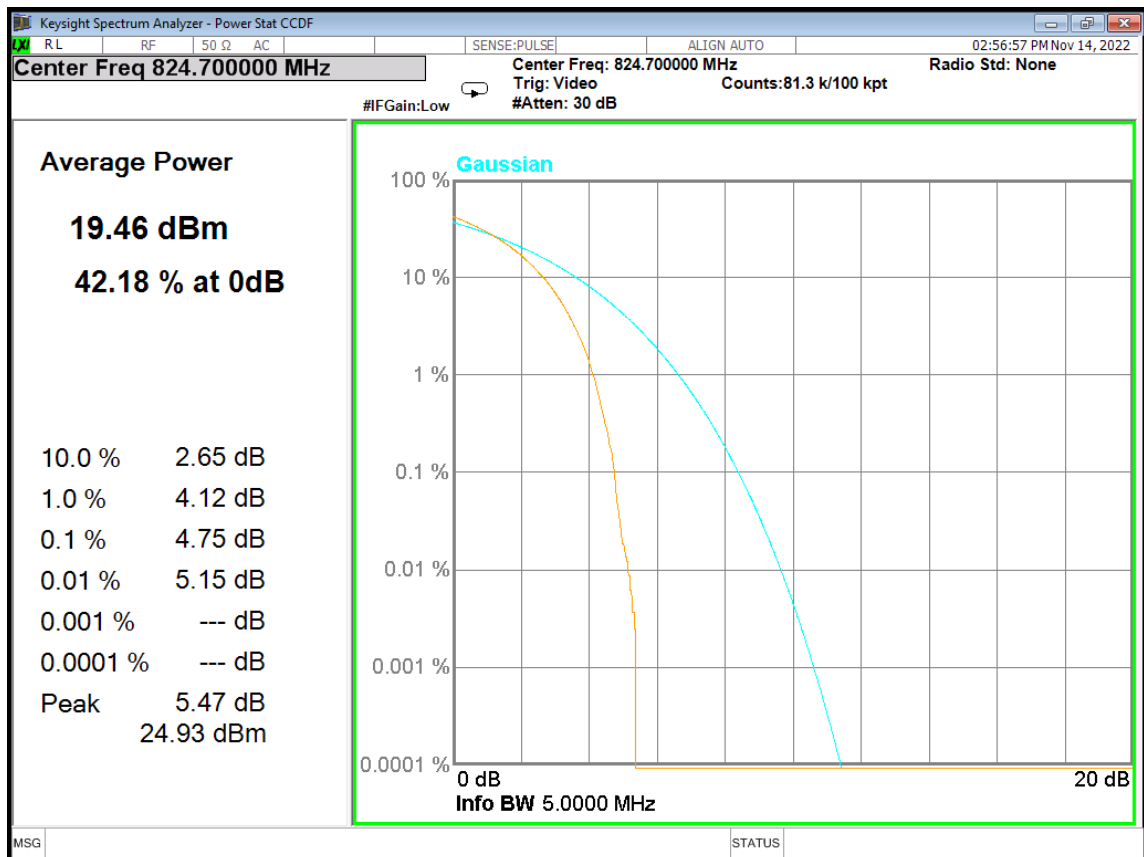
CDMA BC0 836.5MHz



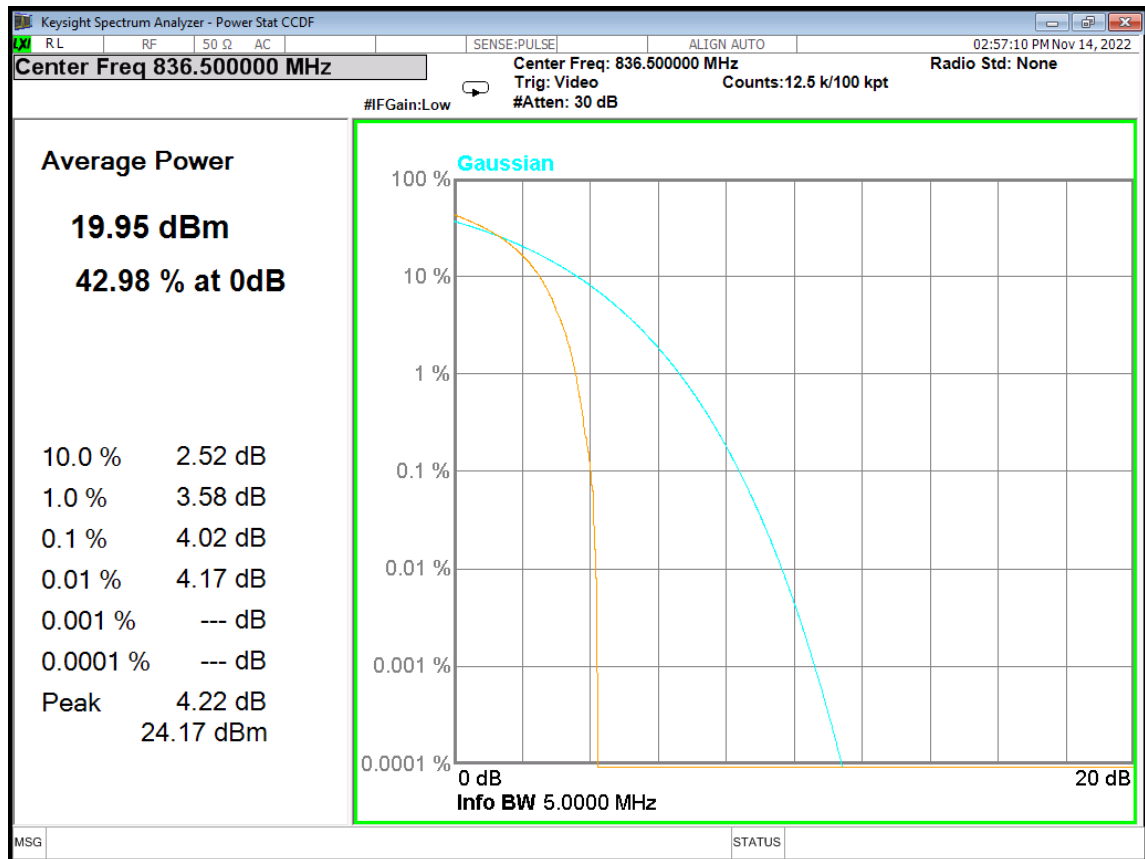
CDMA BC0 848.3MHz



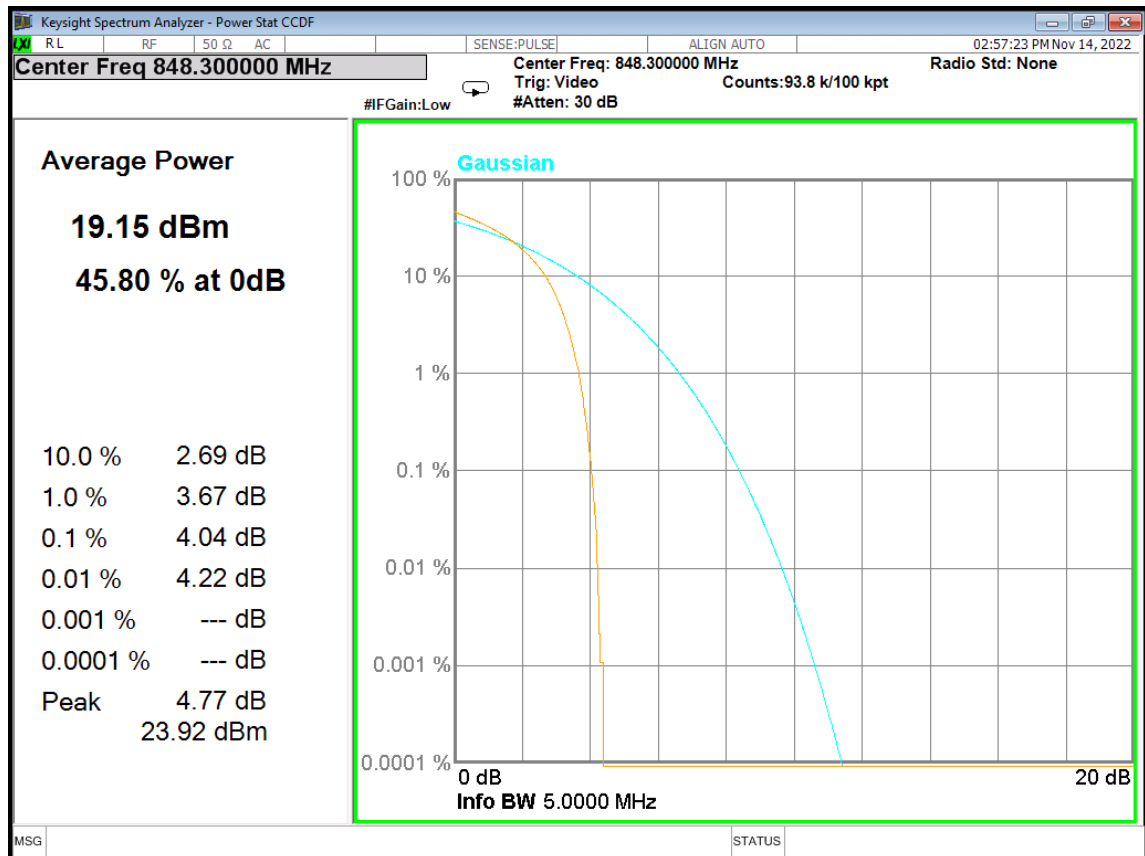
EVDO BC0 824.7MHz



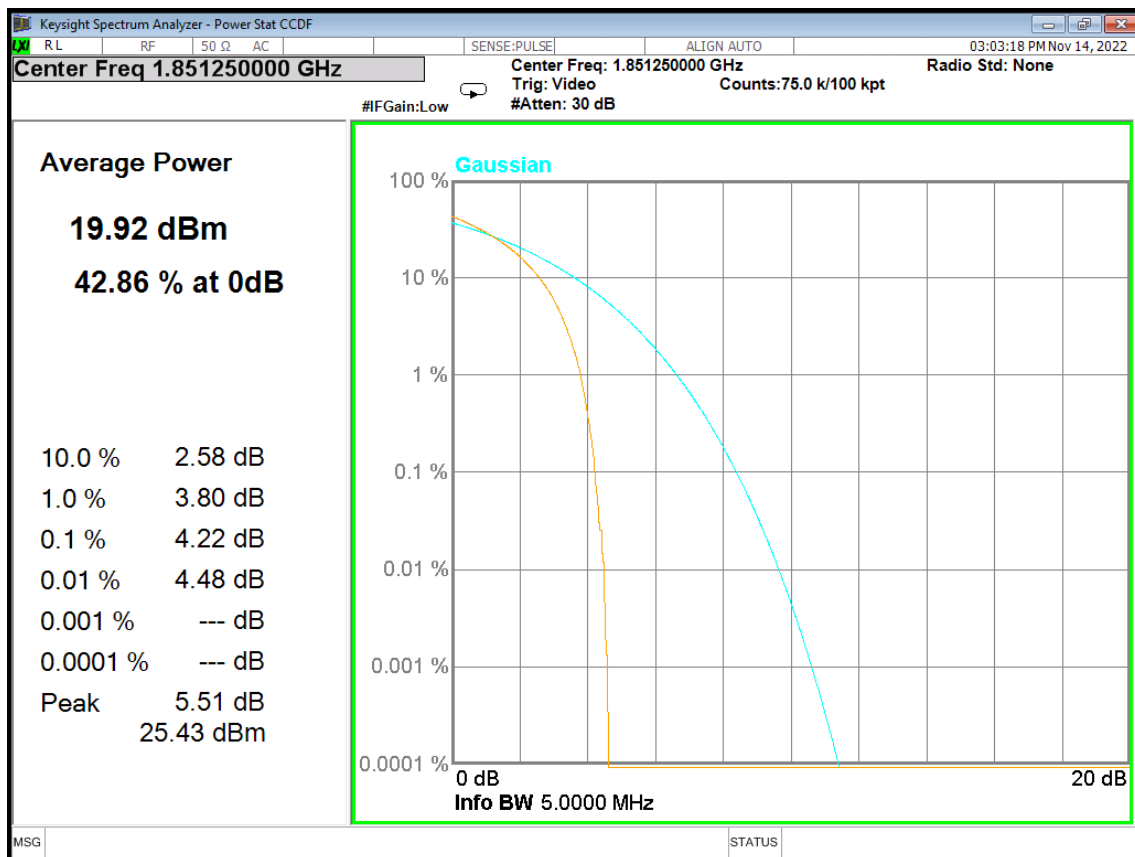
EVDO BC0 836.5MHz



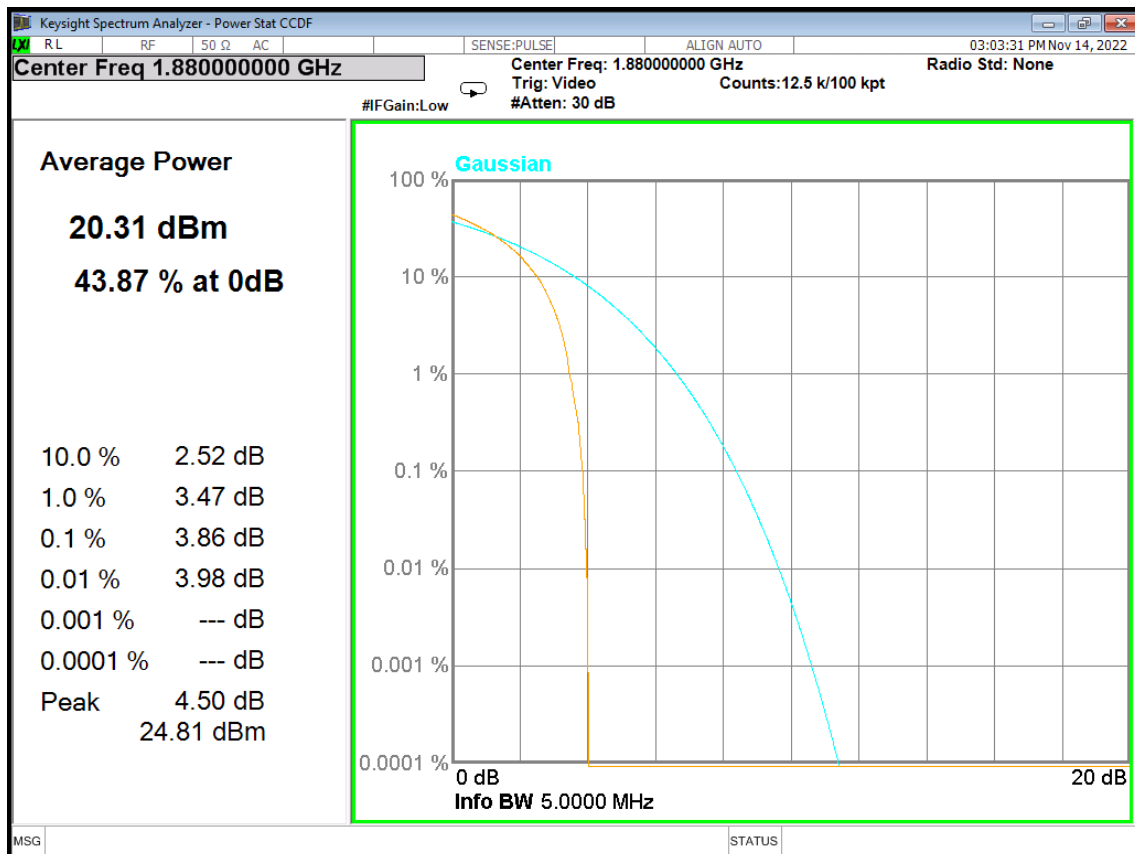
EVDO BC0 824.7MHz



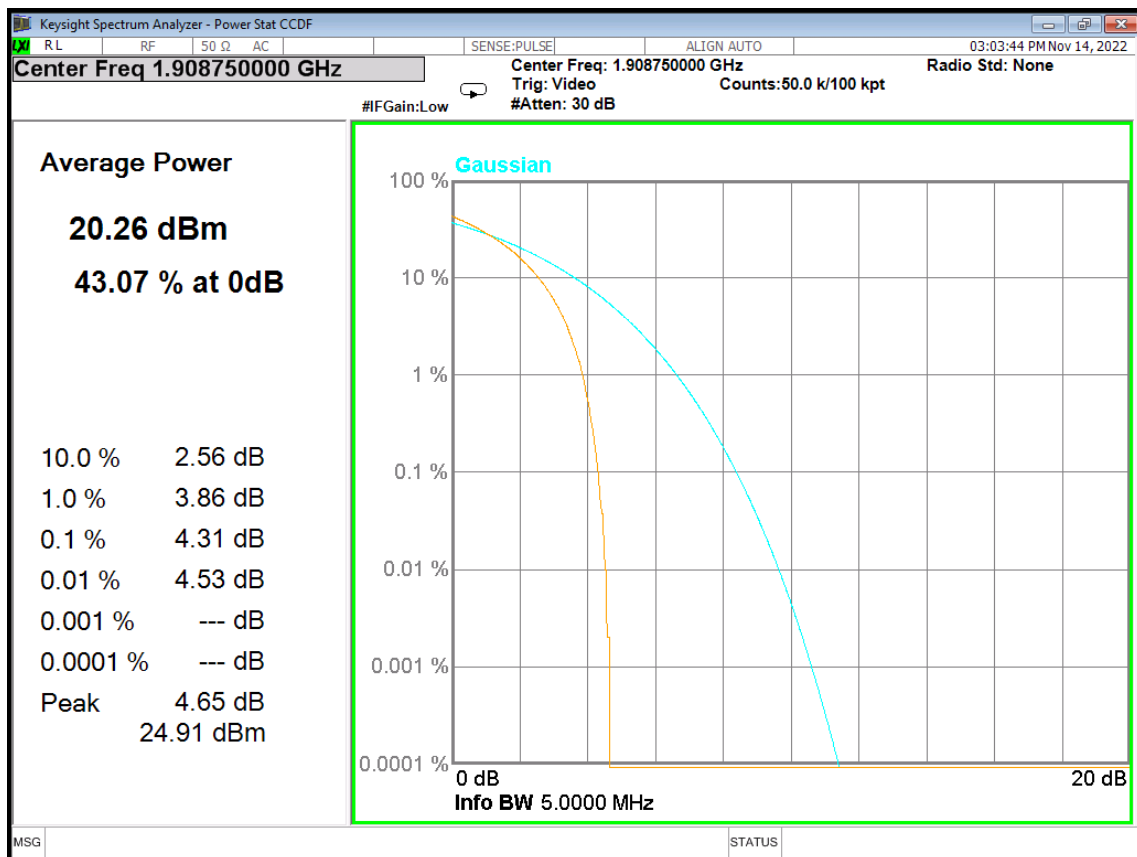
CDMA BC1 1851.25MHz



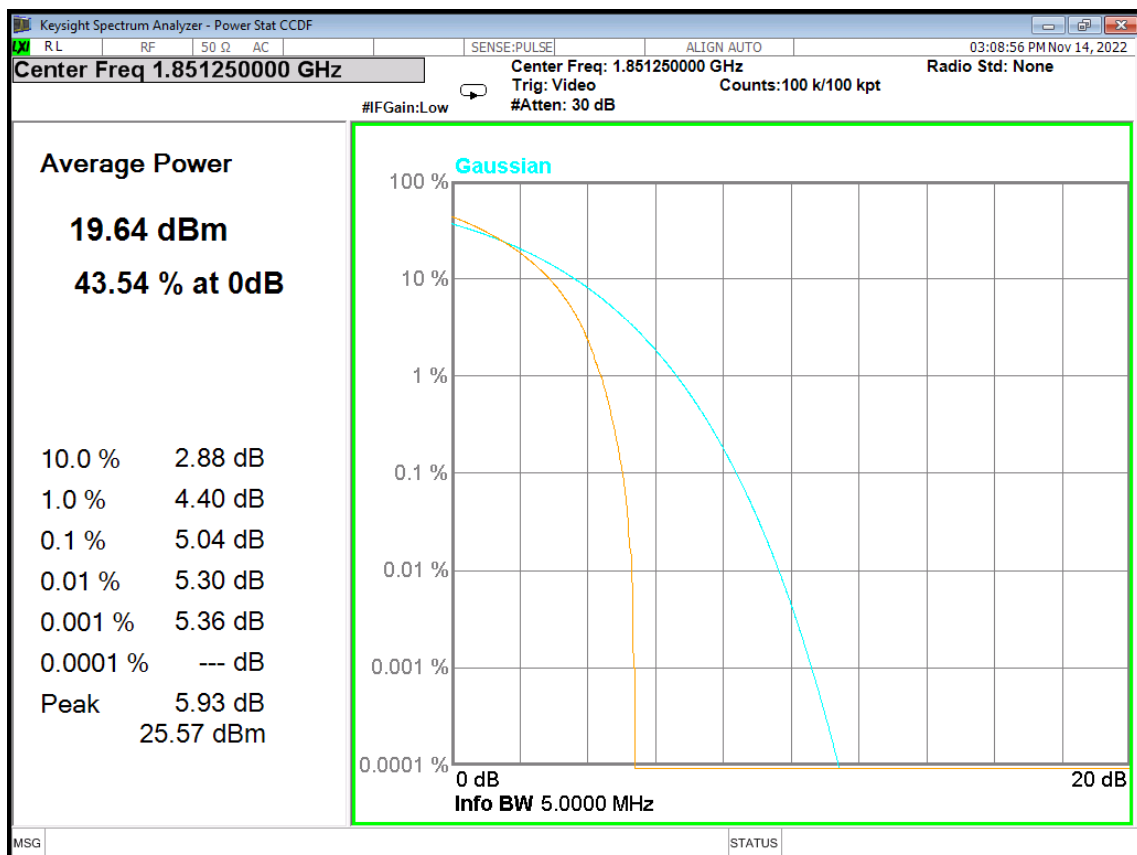
CDMA BC1 1880MHz



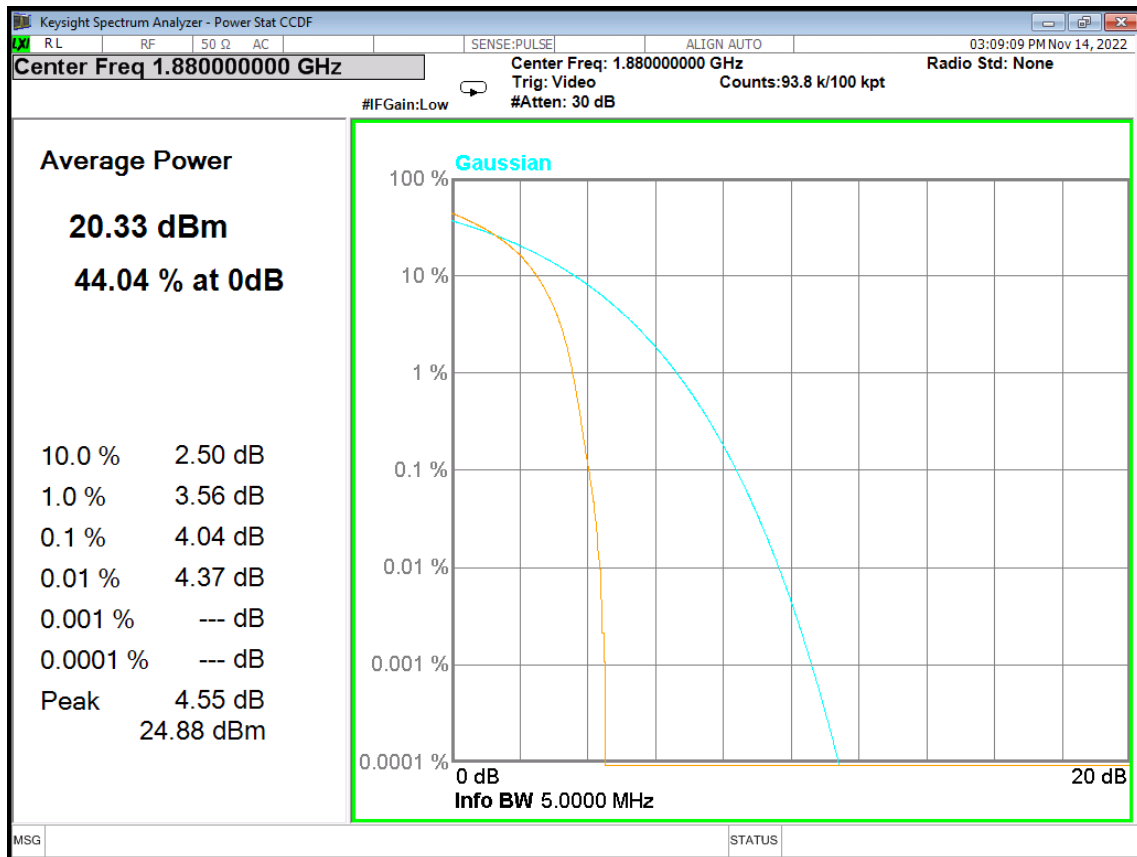
CDMA BC1 1908.75MHz



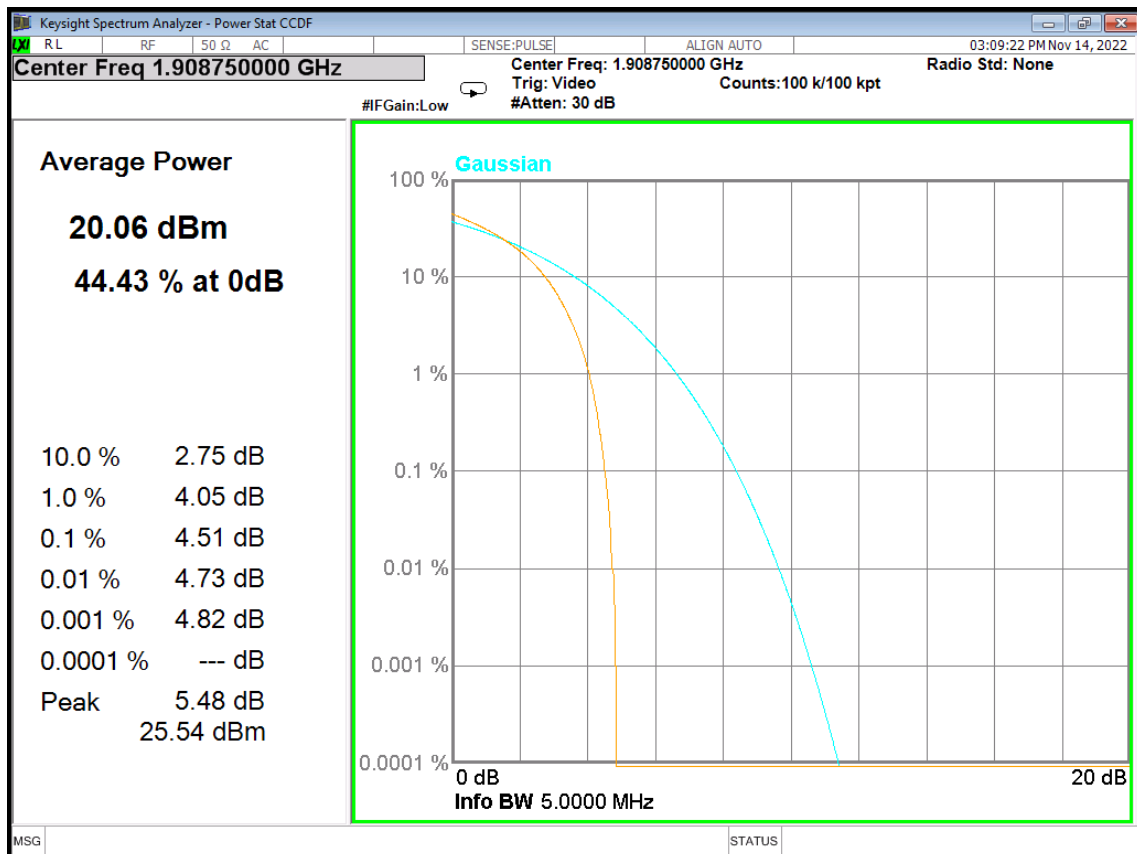
EVDO BC1 1851.25MHz



EVDO BC1 1880MHz



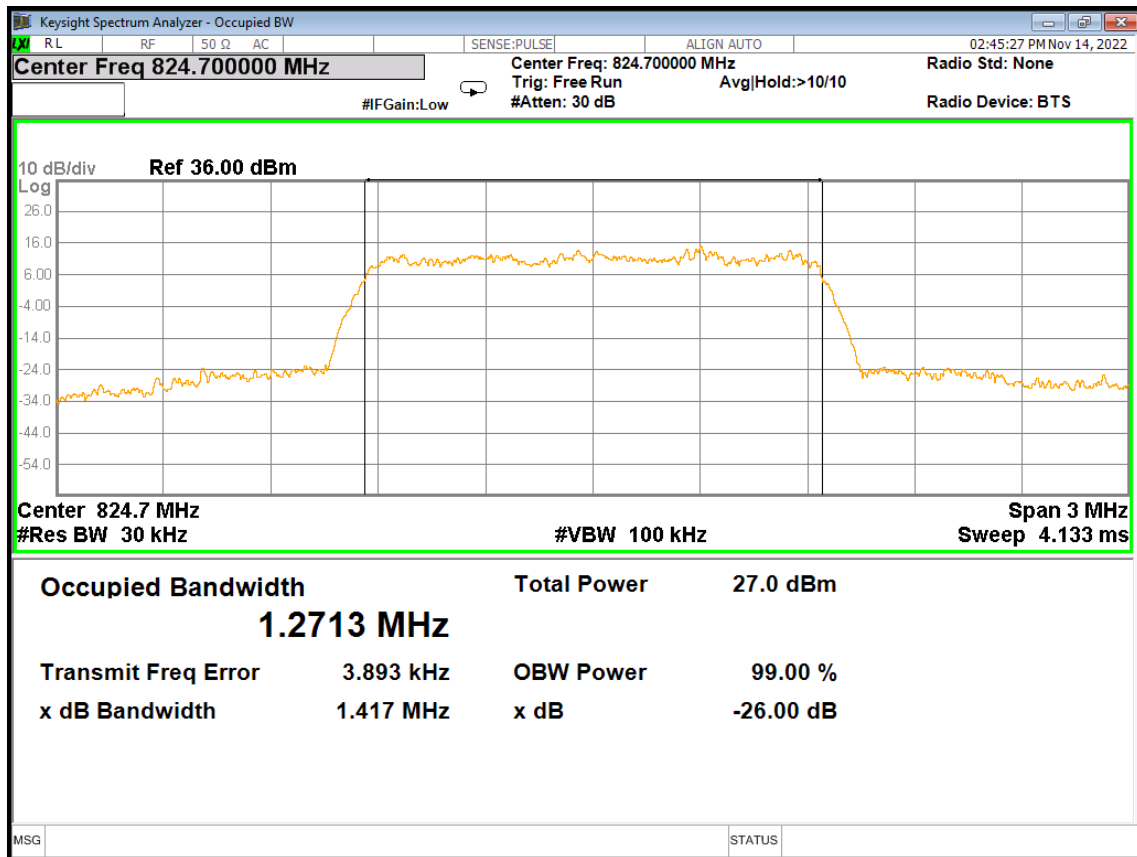
EVDO BC1 1908.75MHz



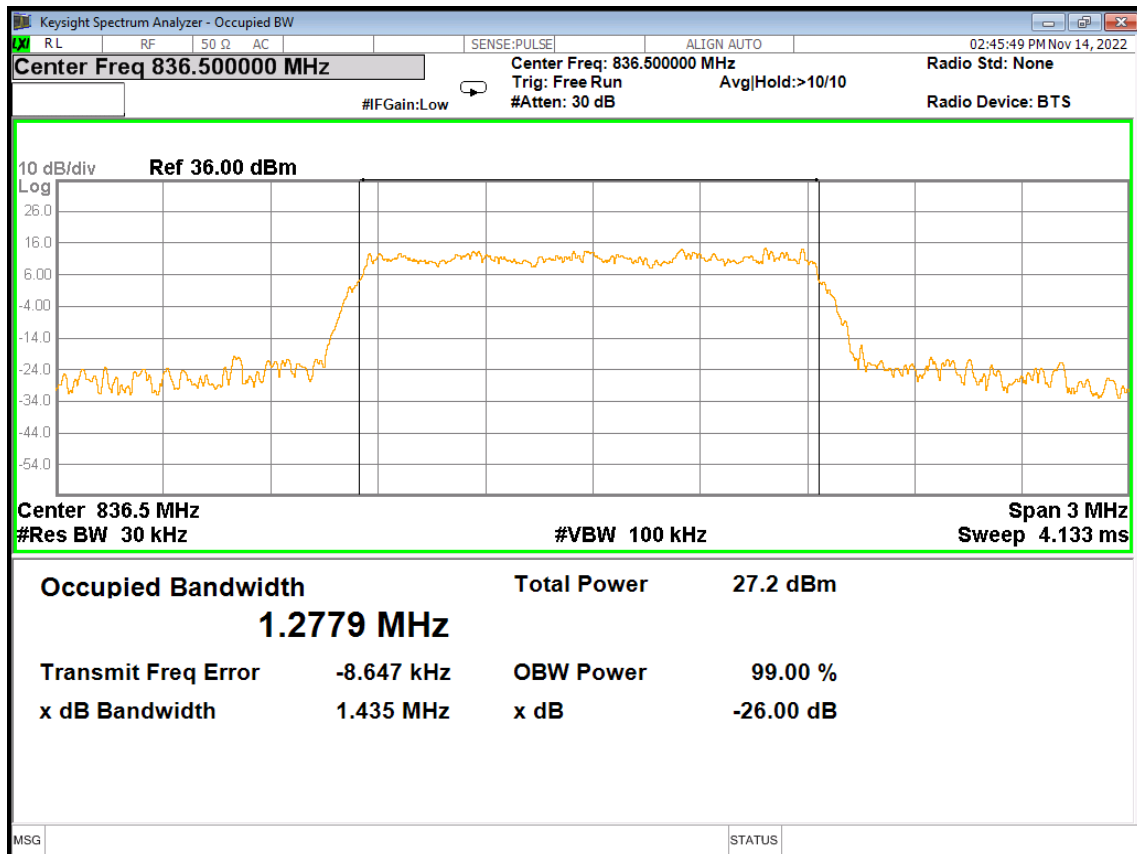
04 Occupied Bandwidth (99% Occupied Bandwidth/26dB Bandwidth)

CDMA Bandwidth [MHz]						
Mode	Lowest		Middle		Highest	
	99% BW	26dB BW	99% BW	26dB BW	99% BW	26dB BW
BC0	1.2742	1.442	1.276	1.442	1.2784	1.435
BC0-EVDO	1.2796	1.433	1.275	1.445	1.2781	1.444
BC1	1.284	1.461	1.2832	1.455	1.2779	1.45
BC1-EVDO	1.2845	1.467	1.2811	1.453	1.2771	1.439

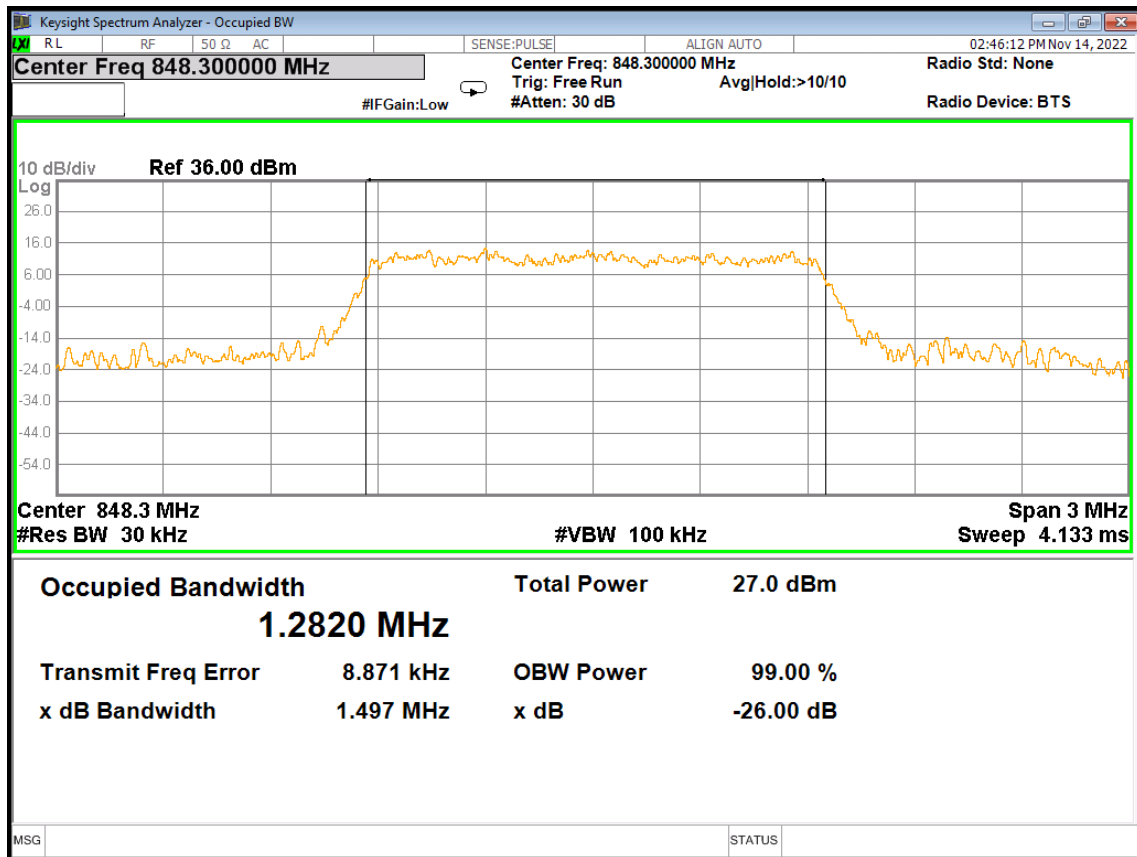
BC0_CDMA_Lower



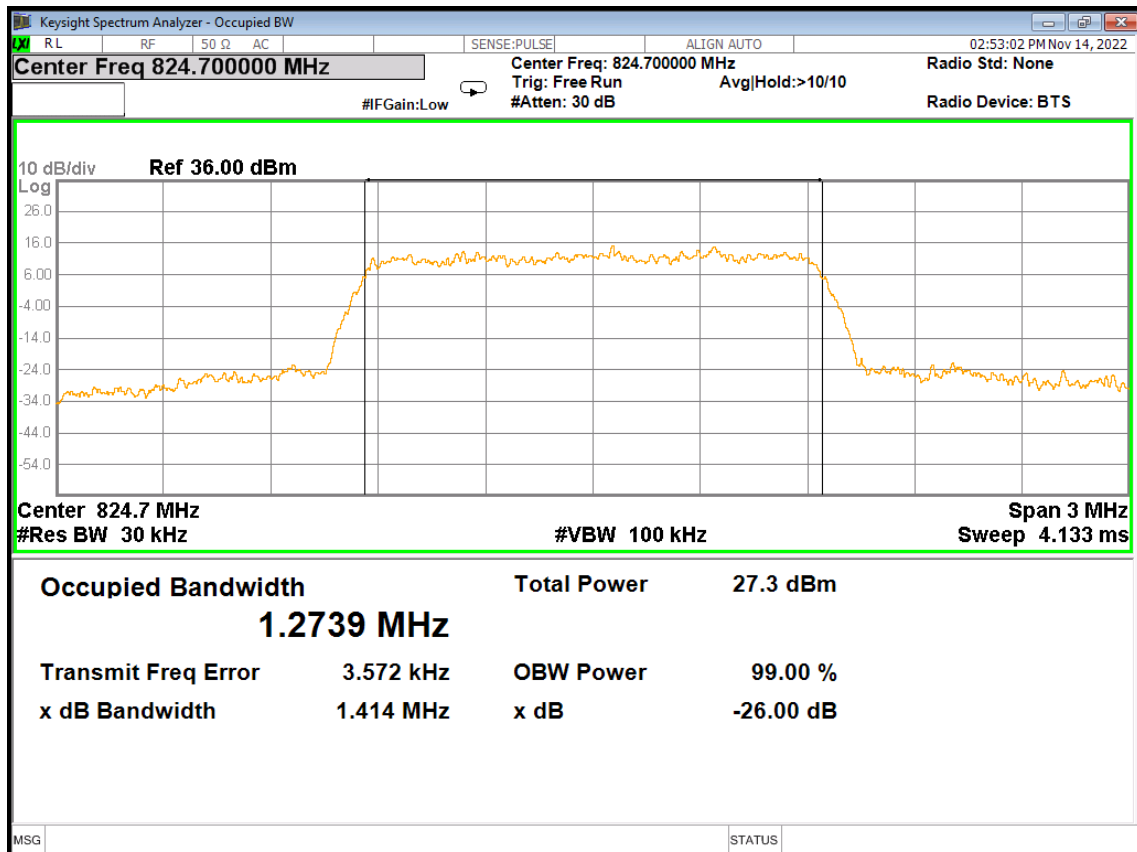
BC0_CDMA_Middle



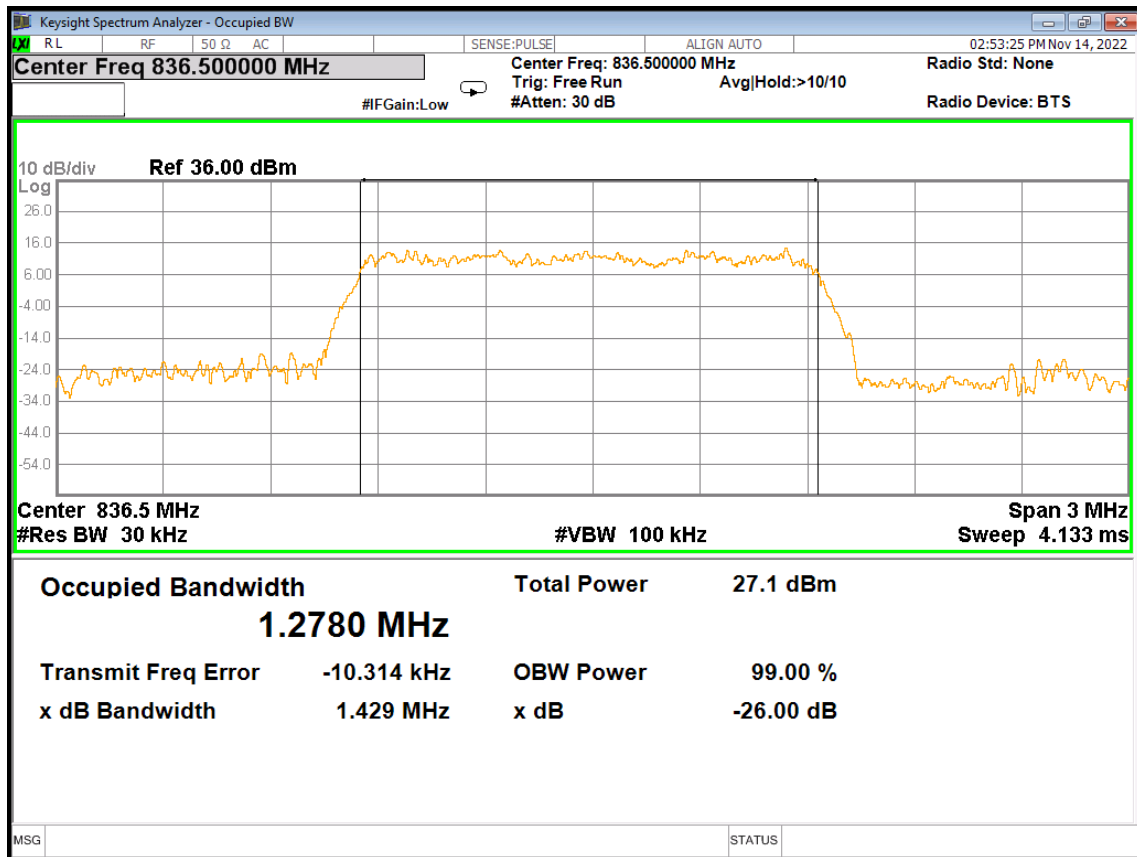
BC0_CDMA_Higher



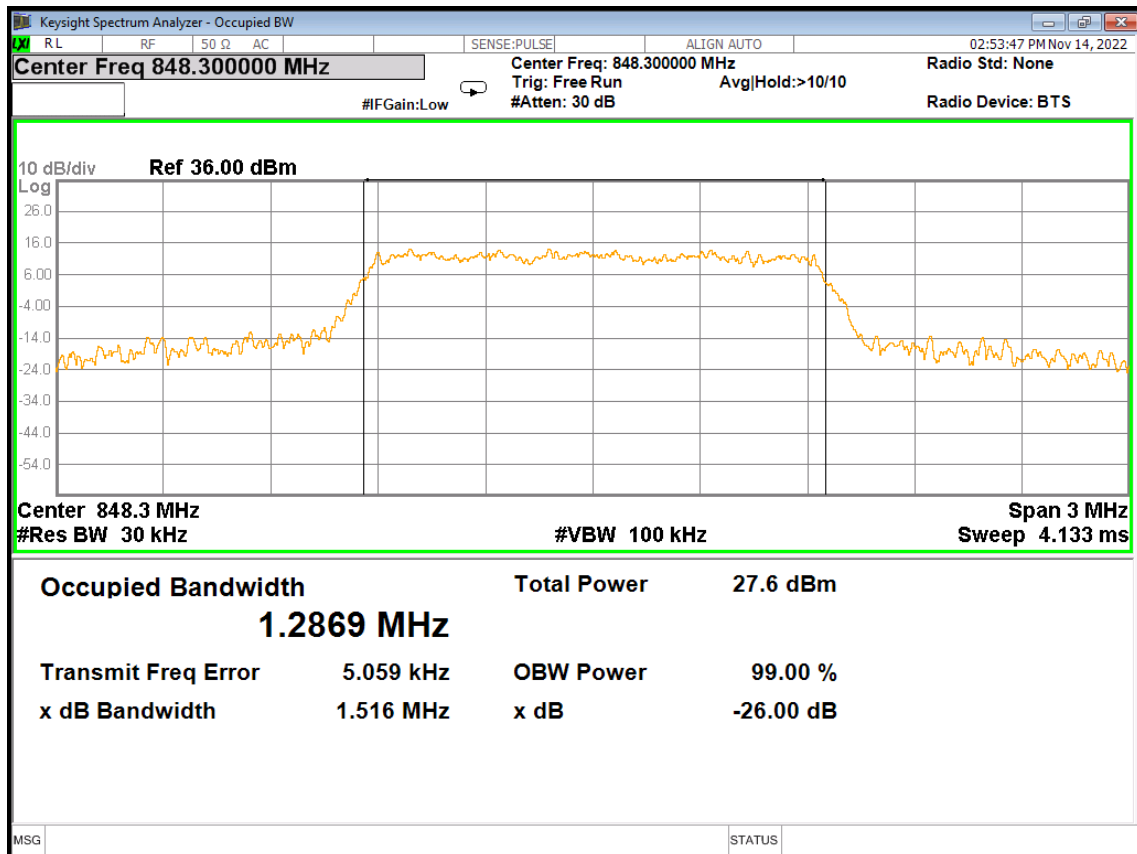
BC0_EVDO_Lower



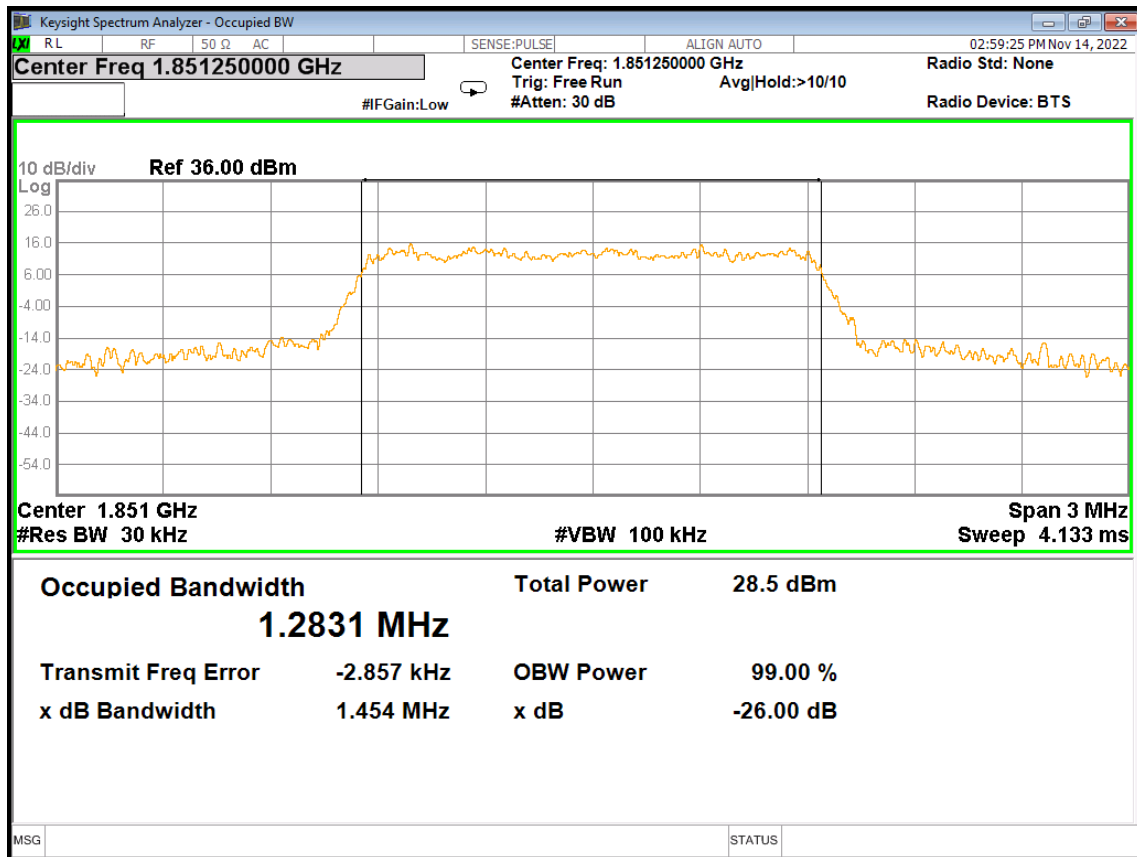
BC0_EVDO_Middle



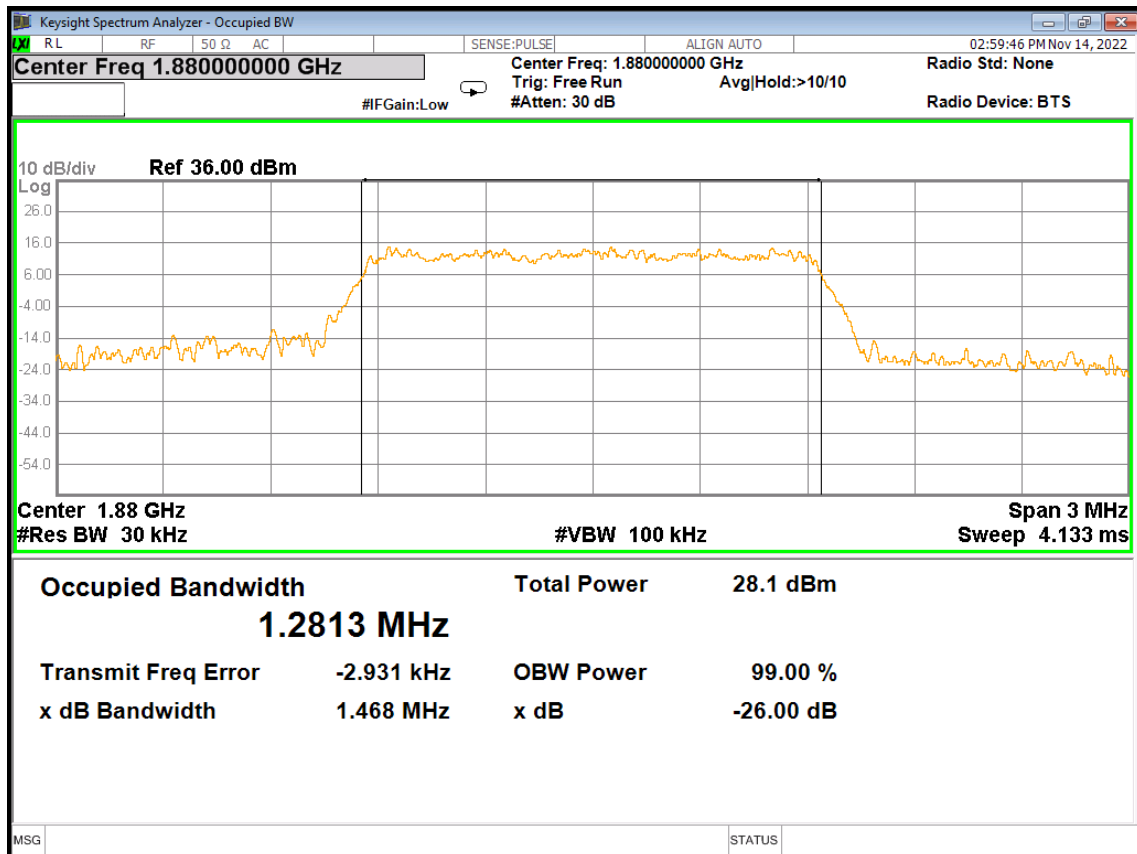
BC0_EVDO_Higher



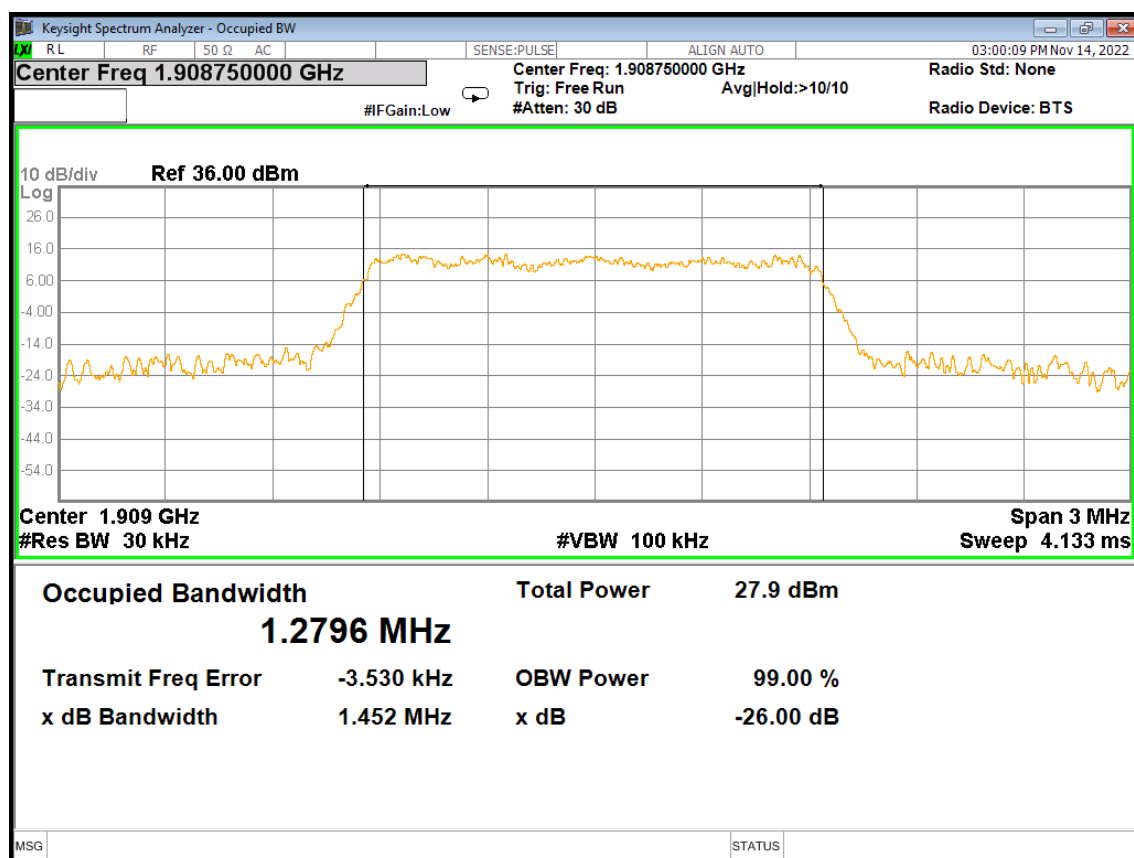
BC0_CDMA_Lower



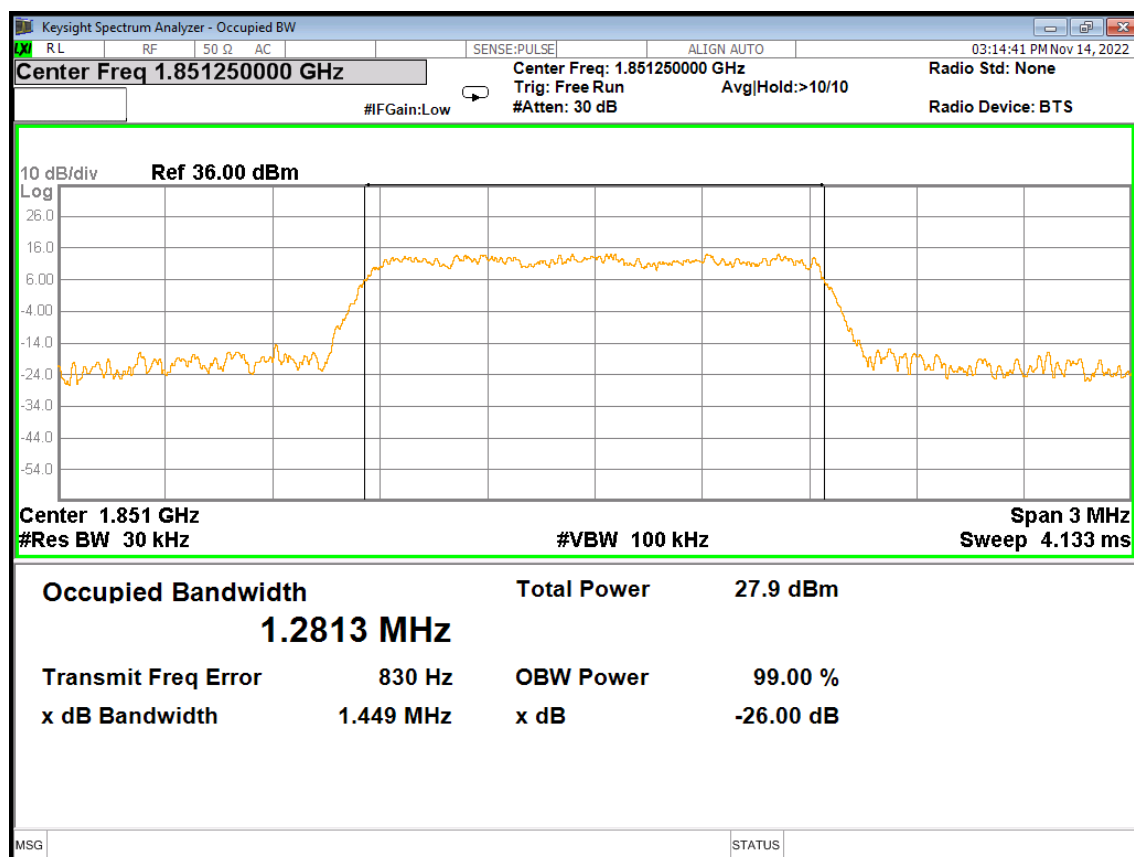
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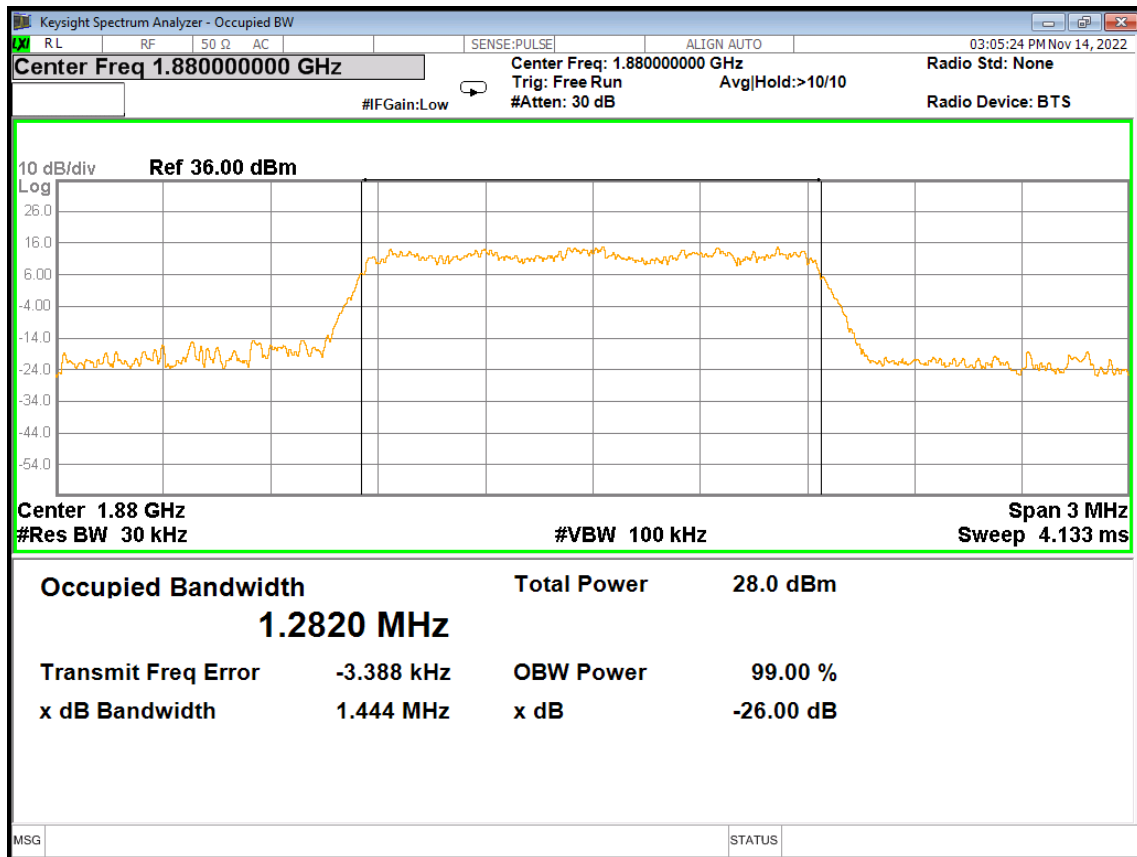
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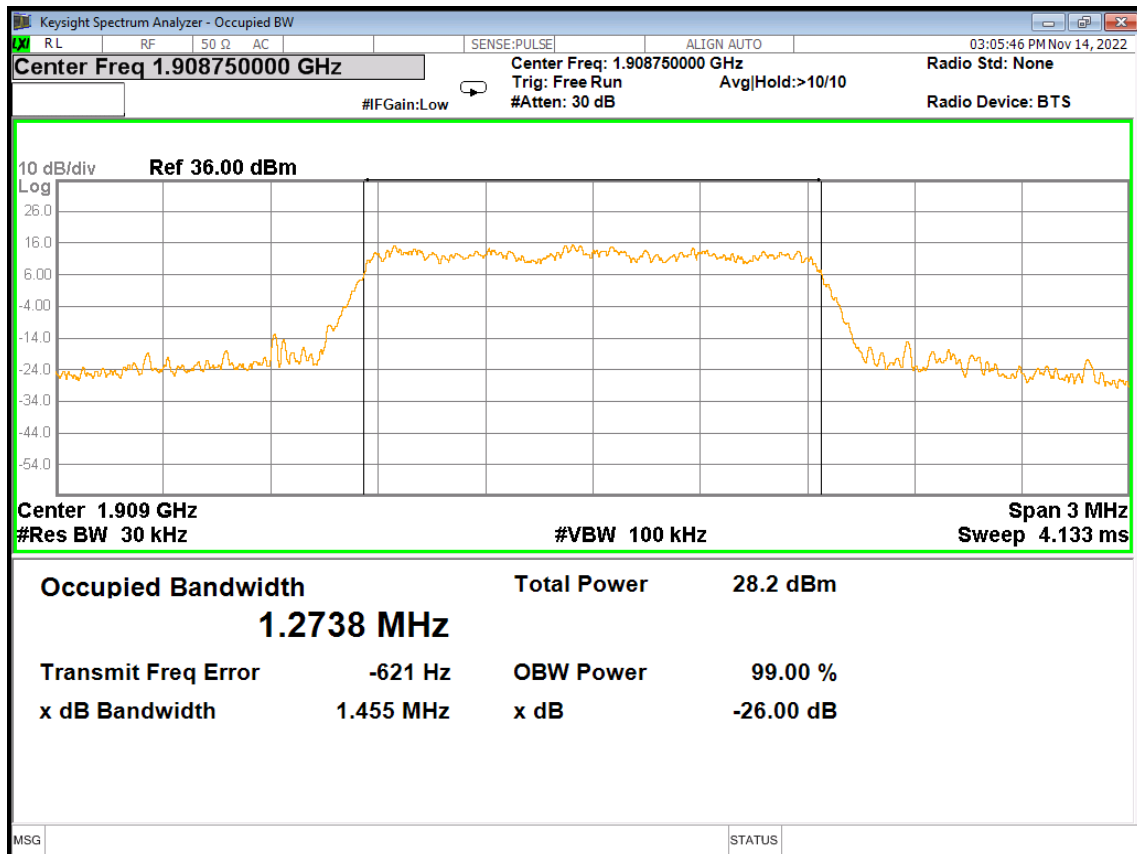
BC0_EVDO_Lower



BC0_EVDO_Middle

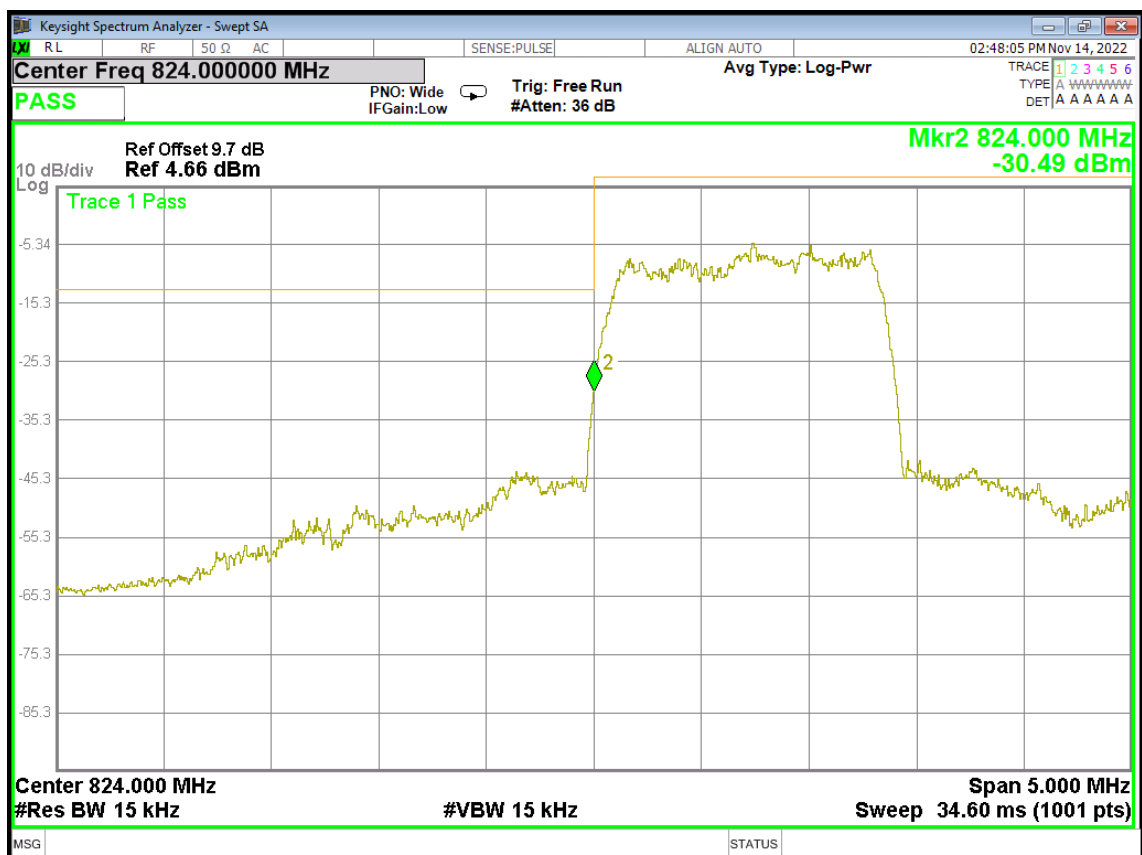
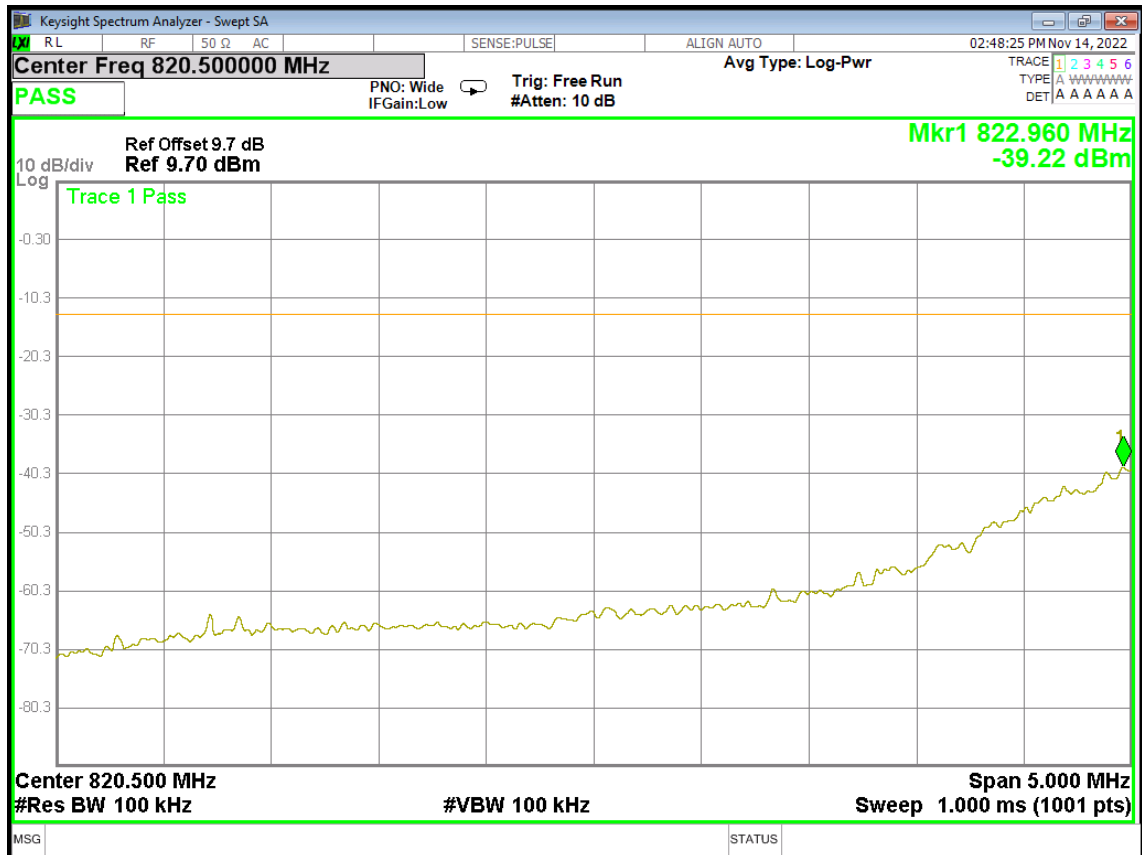


BC0_EVDO_Higher

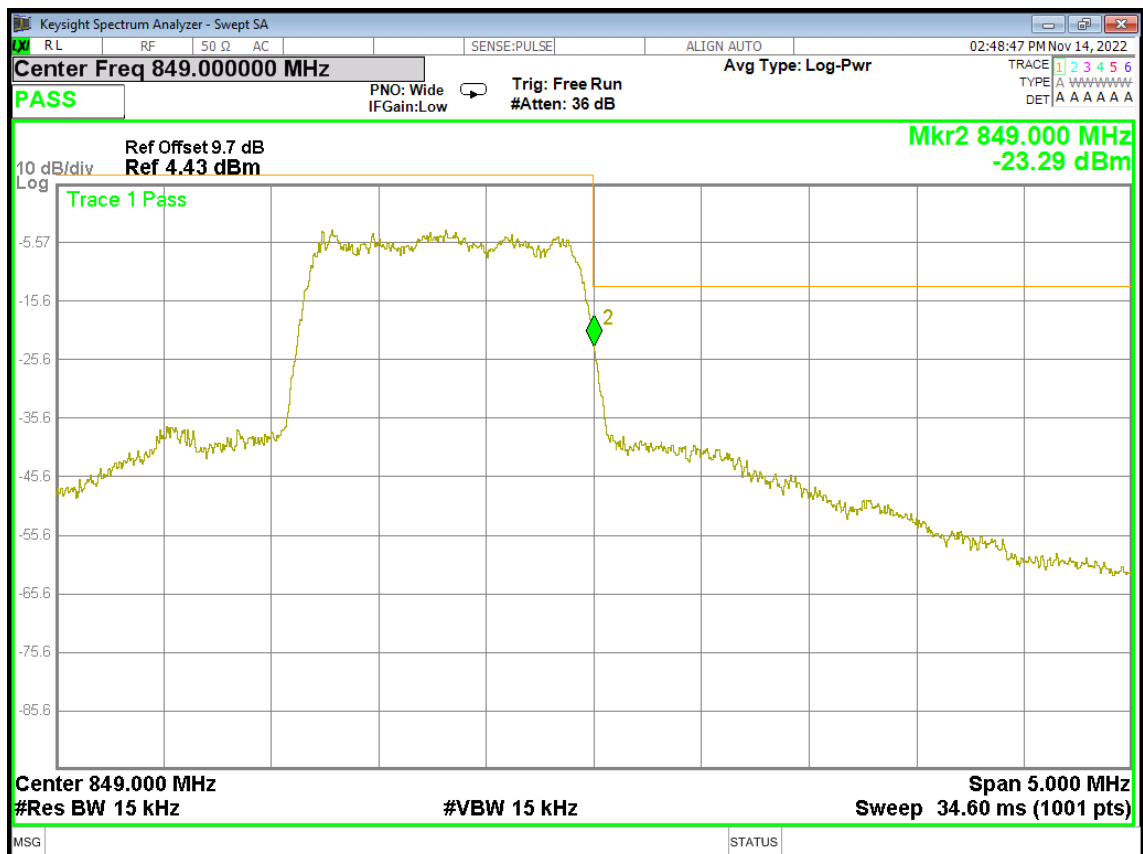
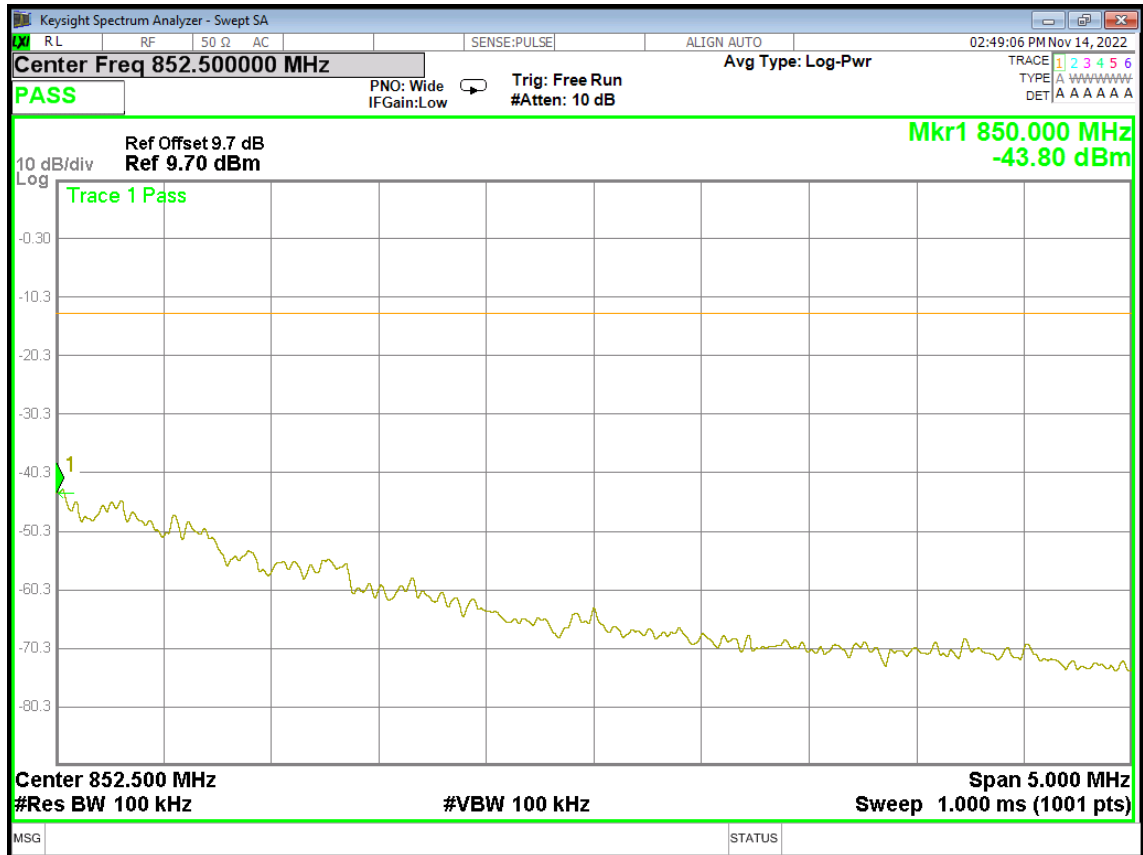


05 Band edge

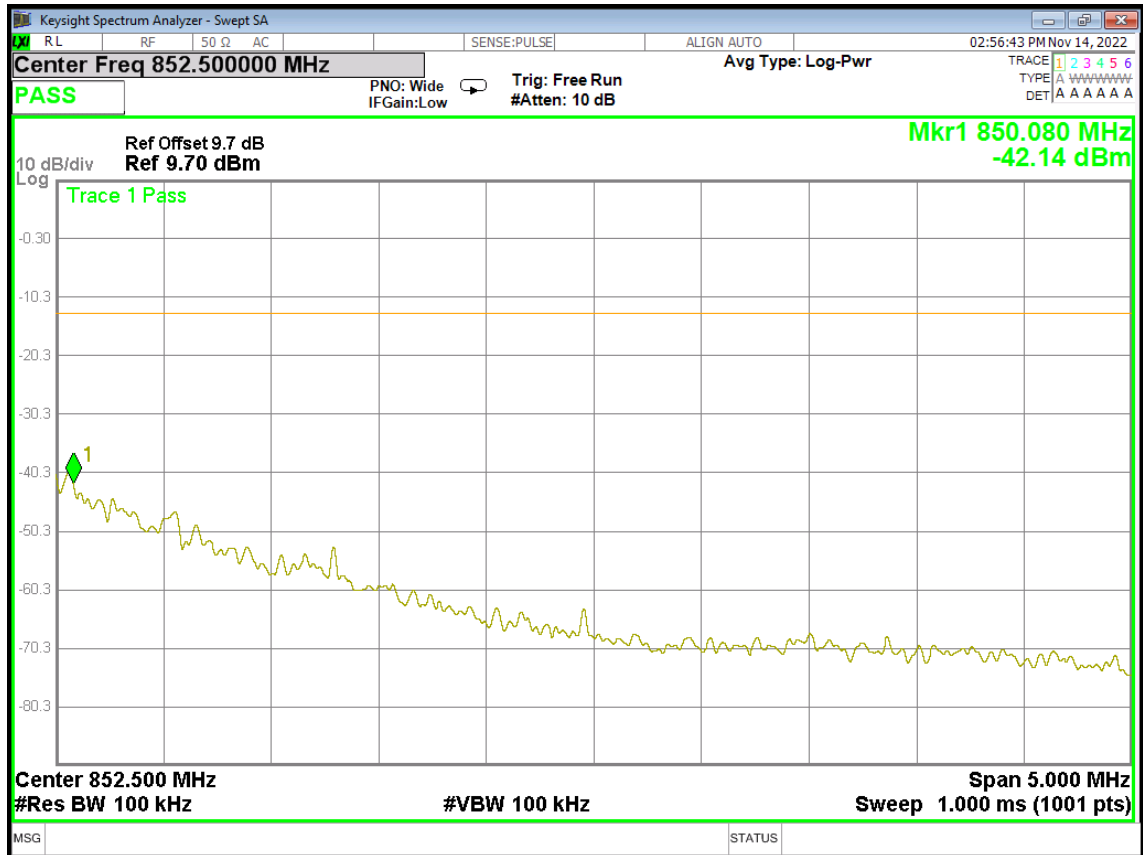
CDMA_BC0_Low_Band edge



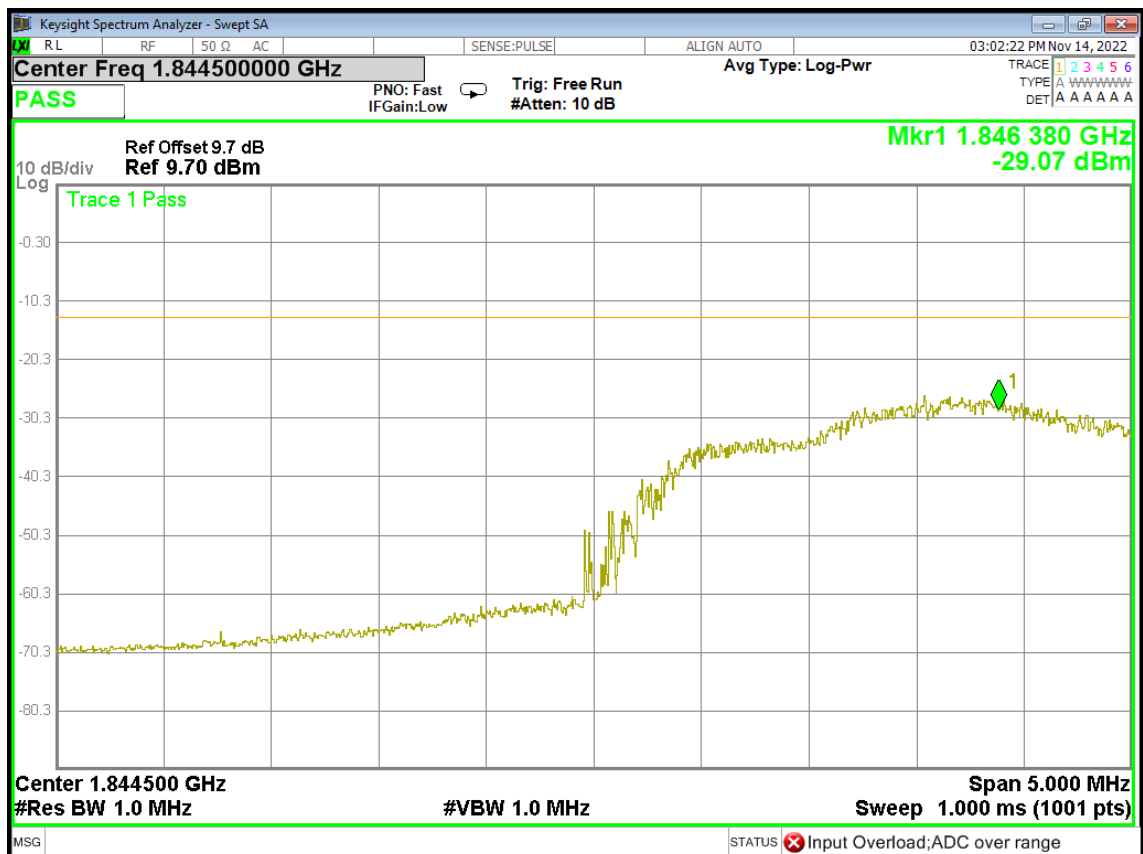
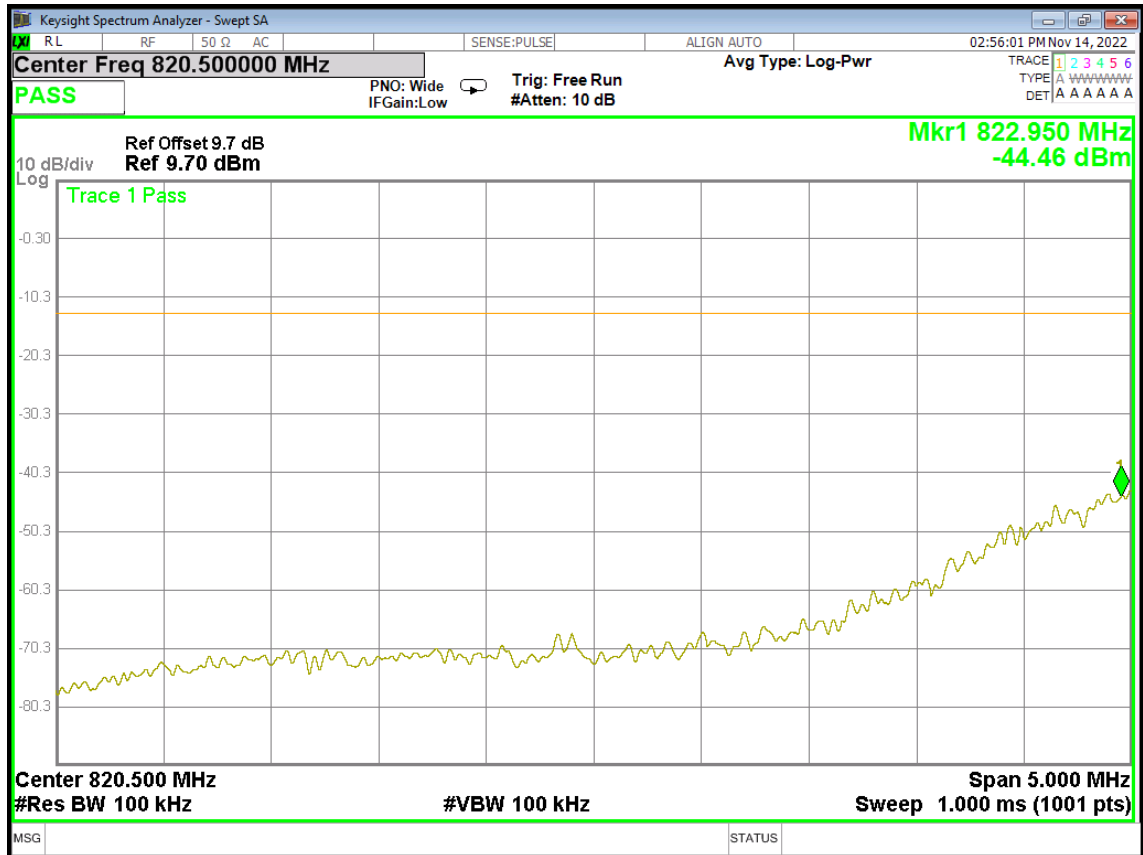
CDMA_BC0_High_Band edge



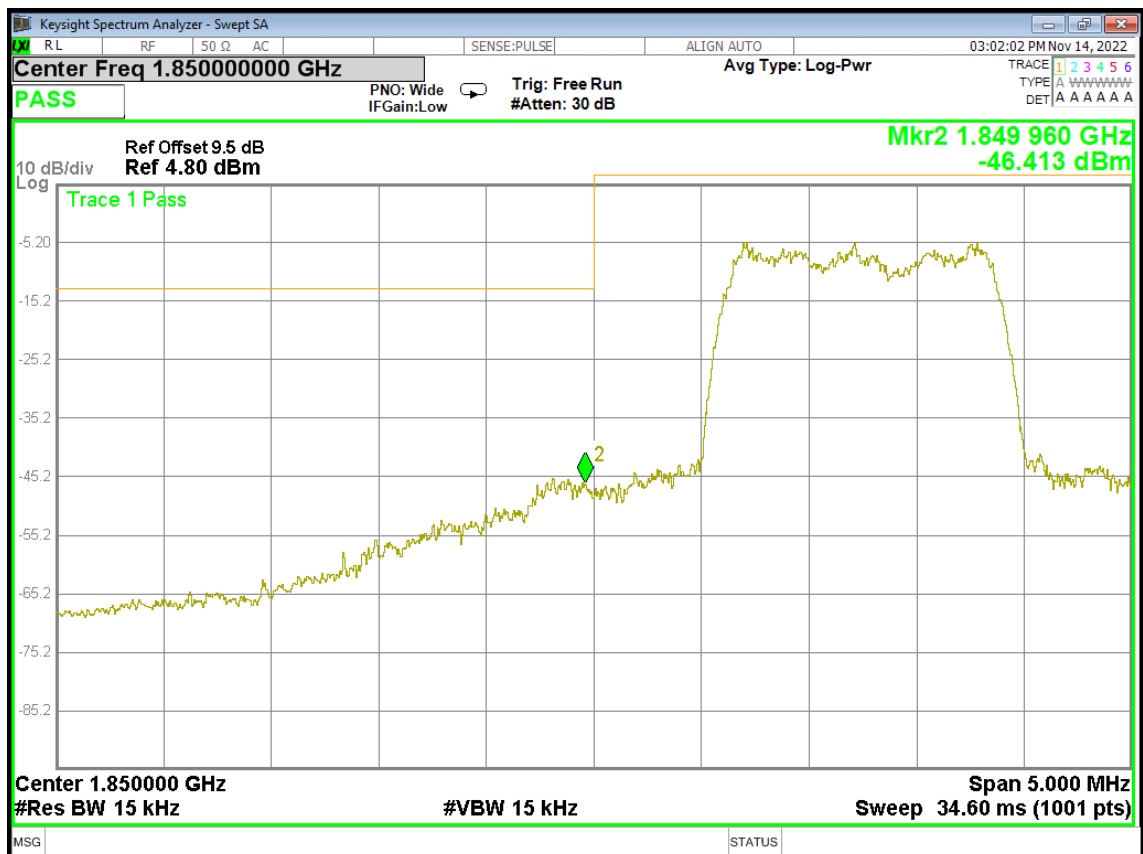
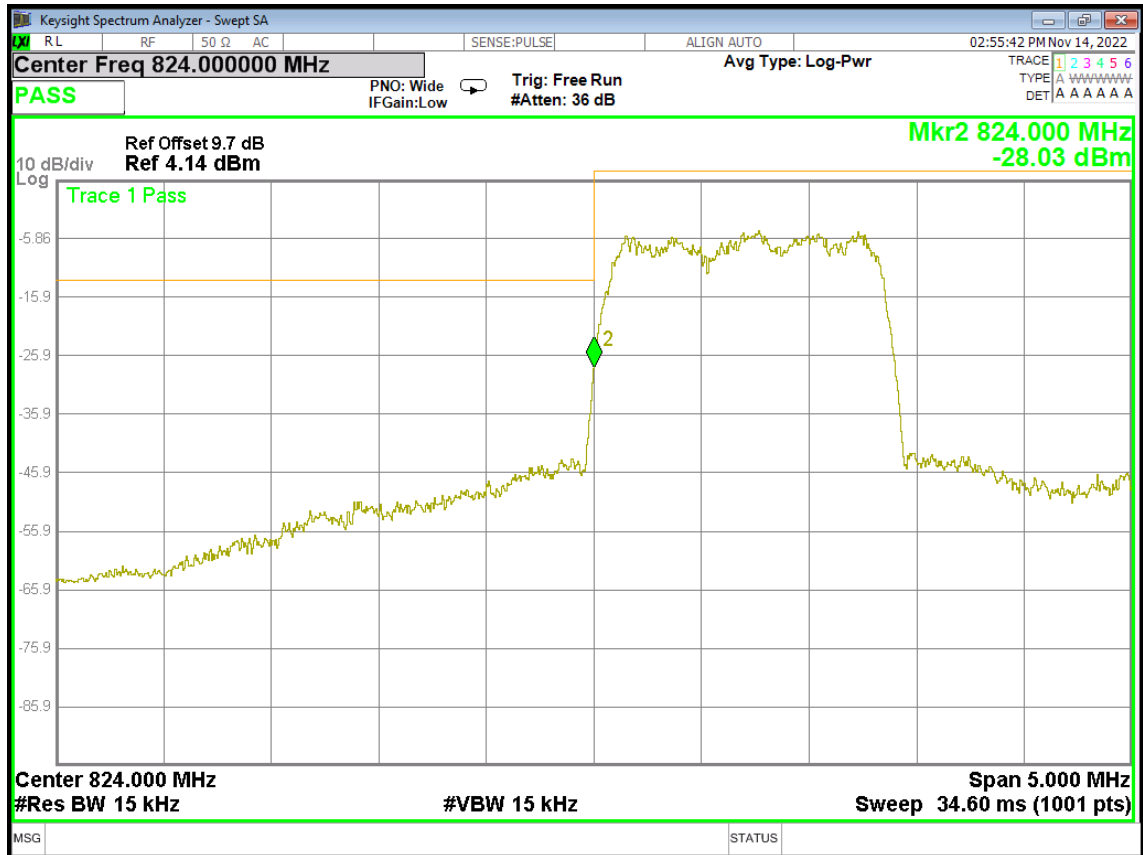
EVDO_BC0_Low_Band edge



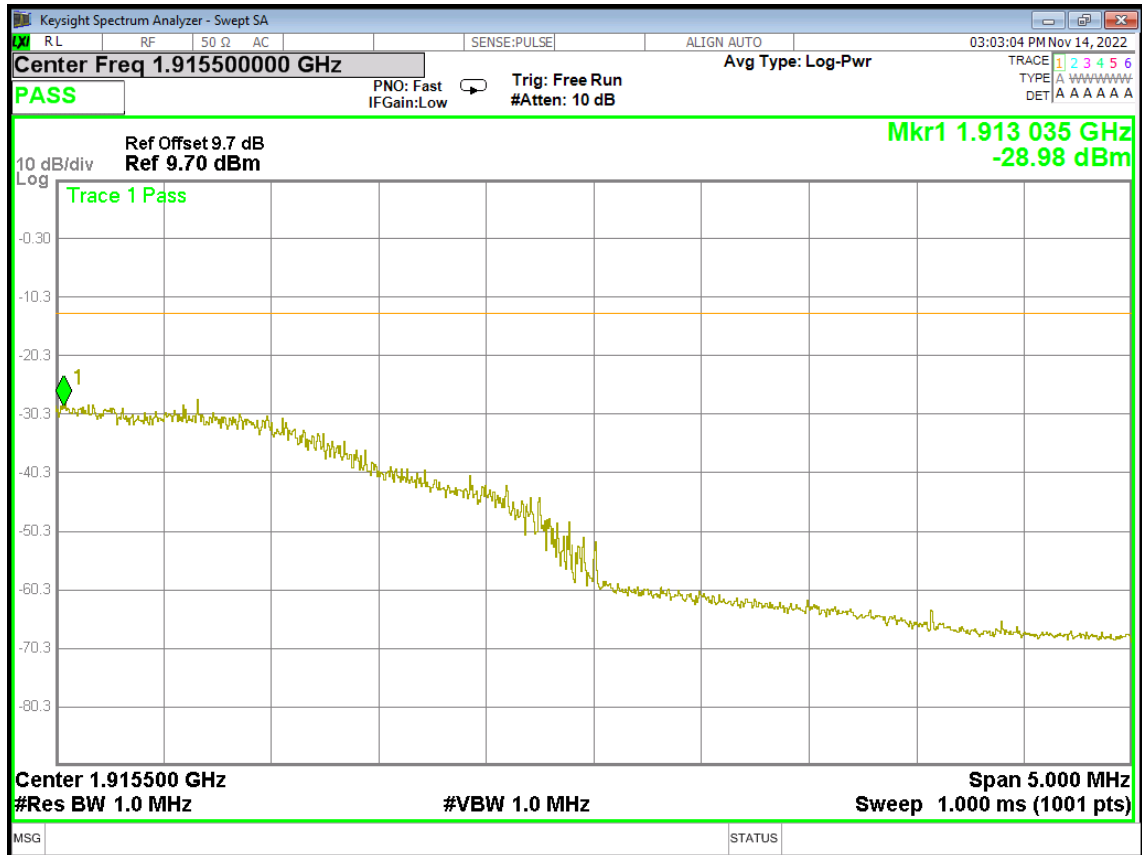
EVDO_BC0_High_Band edge



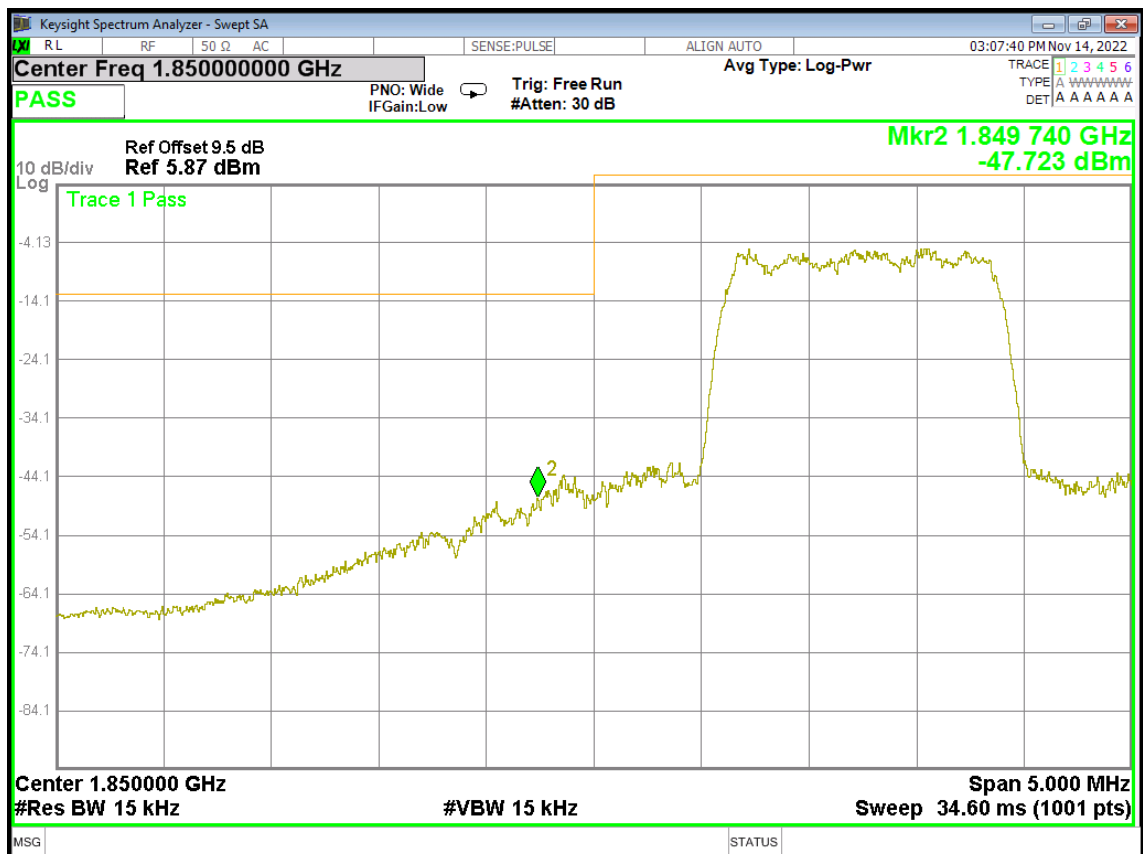
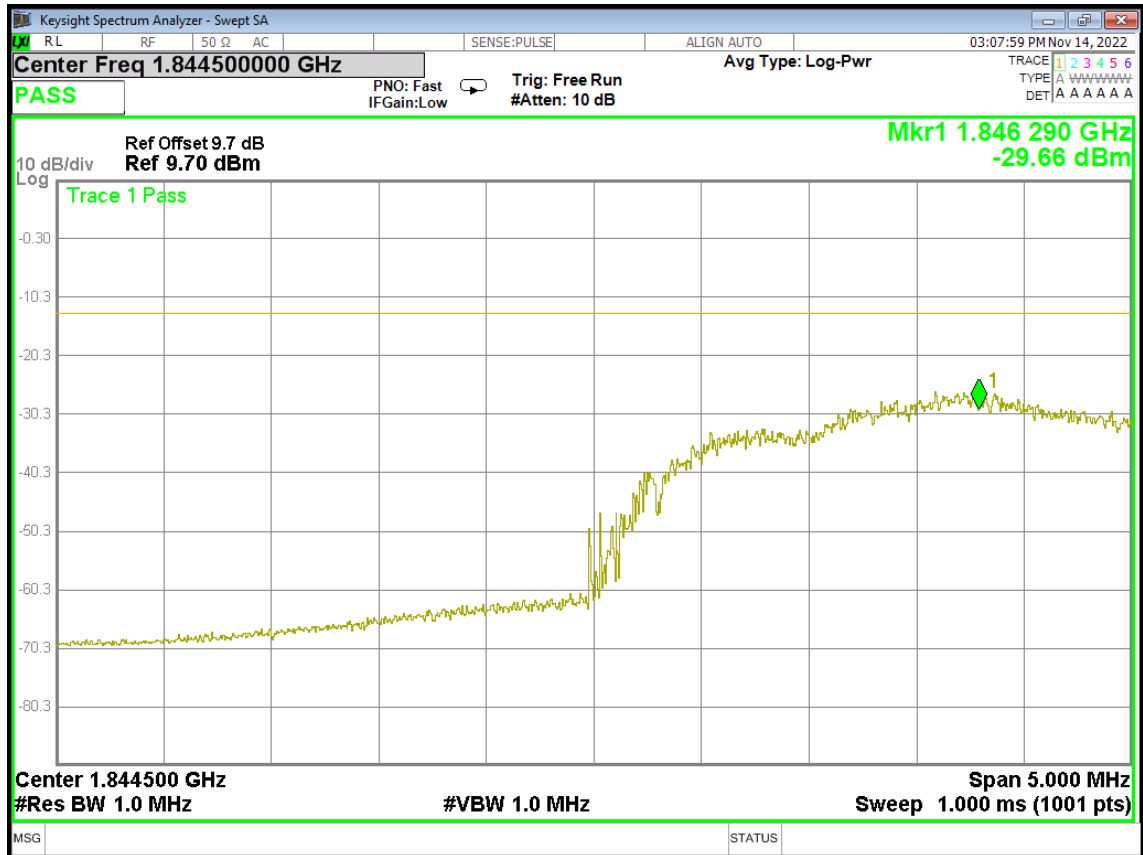
CDMA_BC1_Low_Band edge



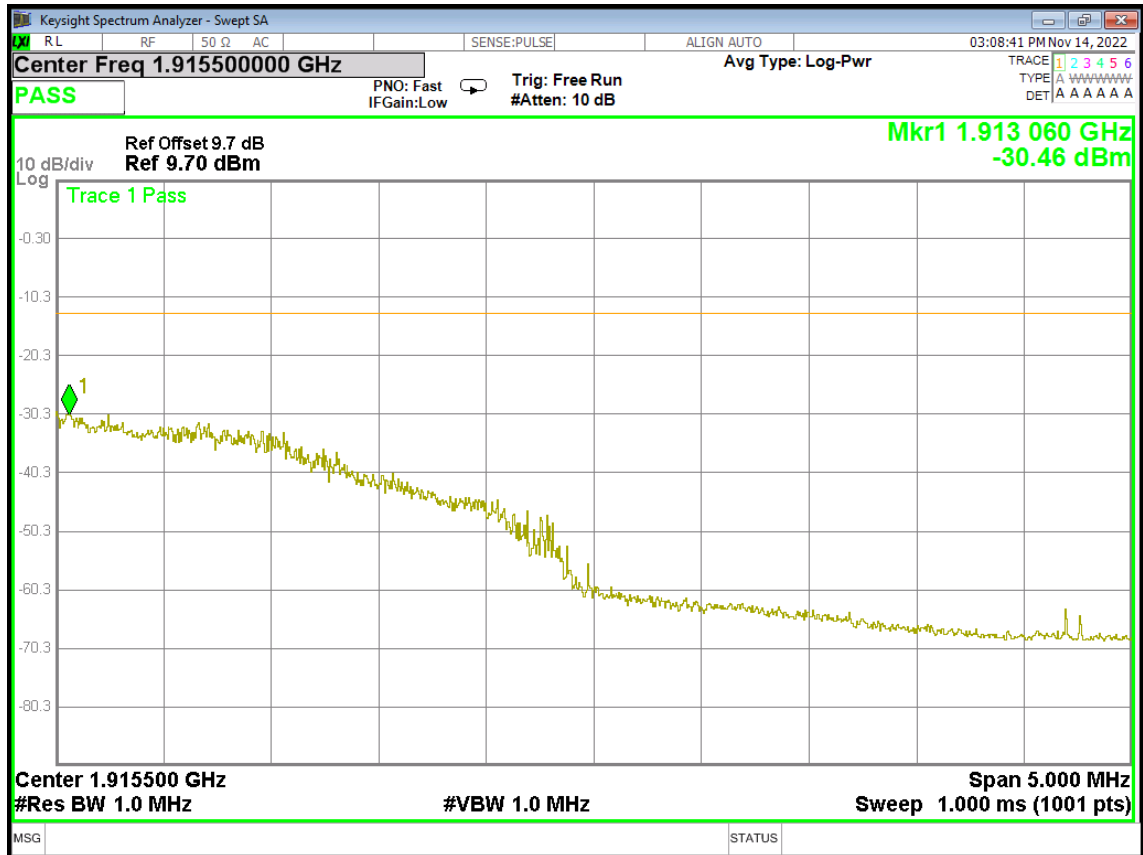
CDMA_BC1_High_Band edge



EVDO_BC1_Low_Band edge

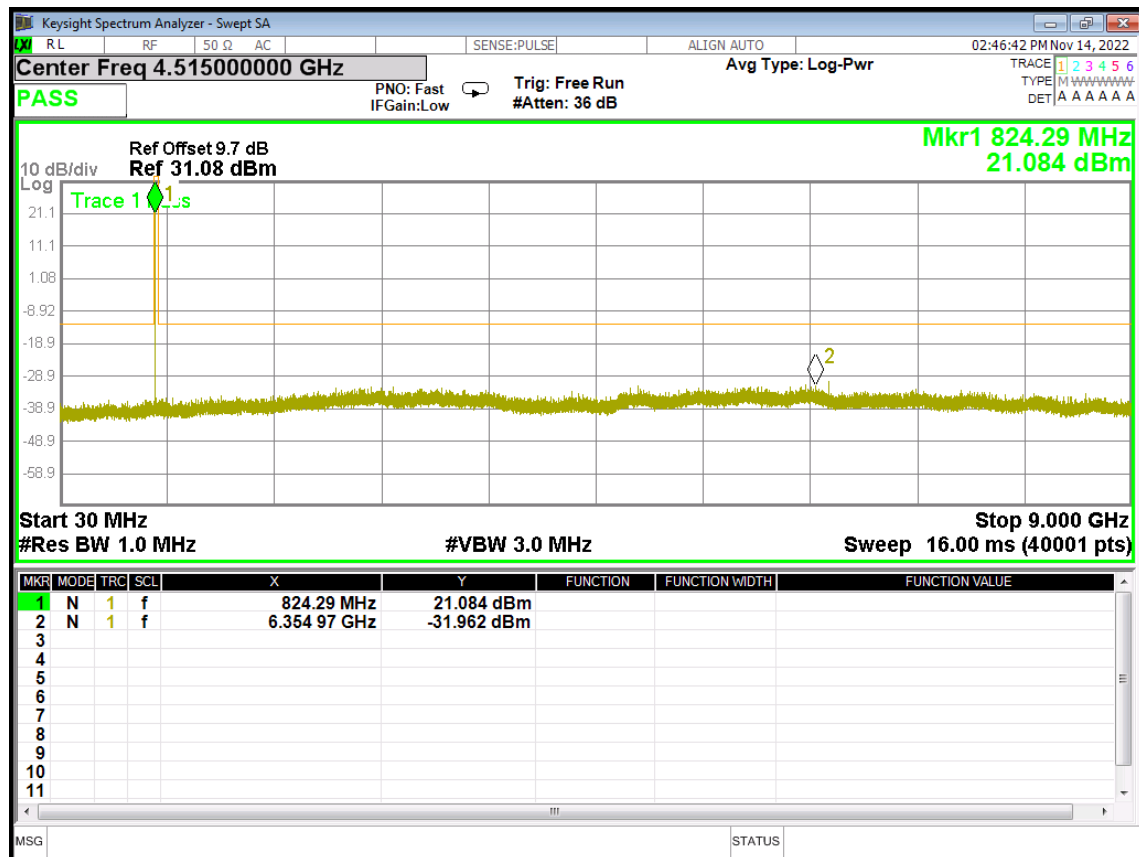


EVDO_BC1_High_Band edge

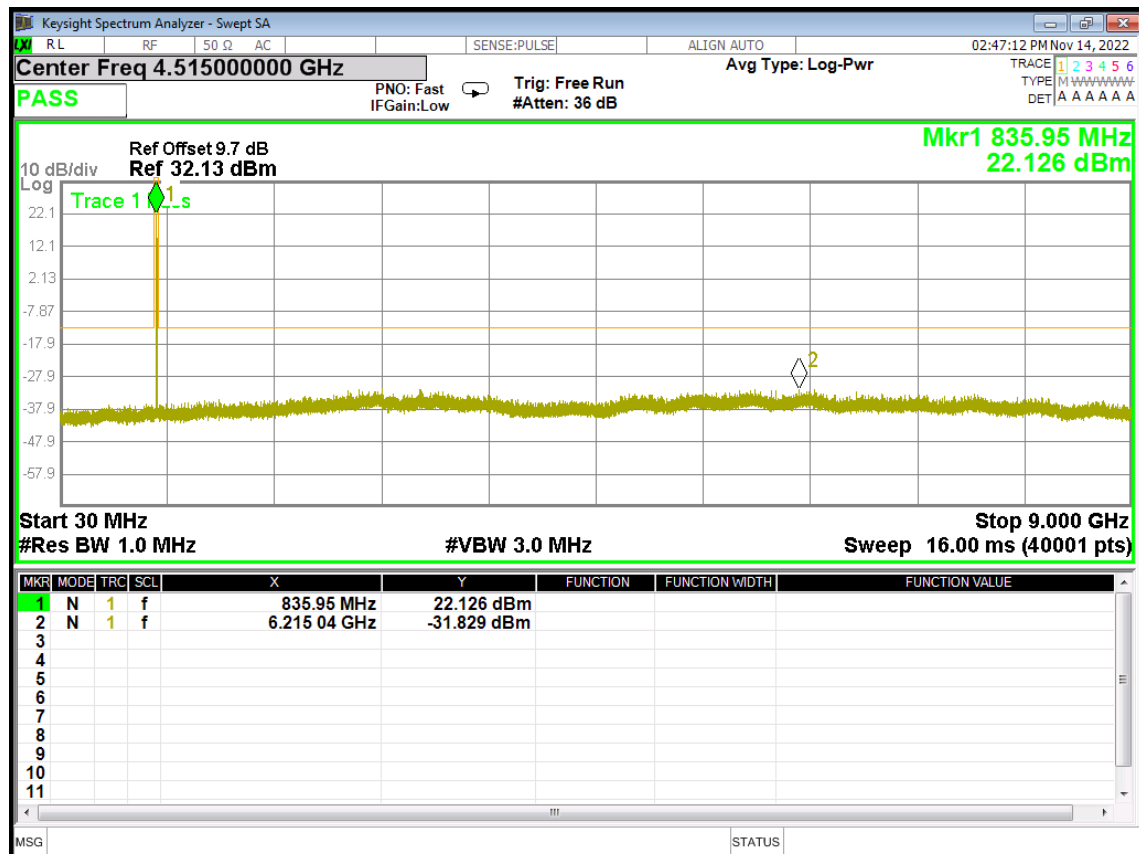


06 Out-of-band emissions

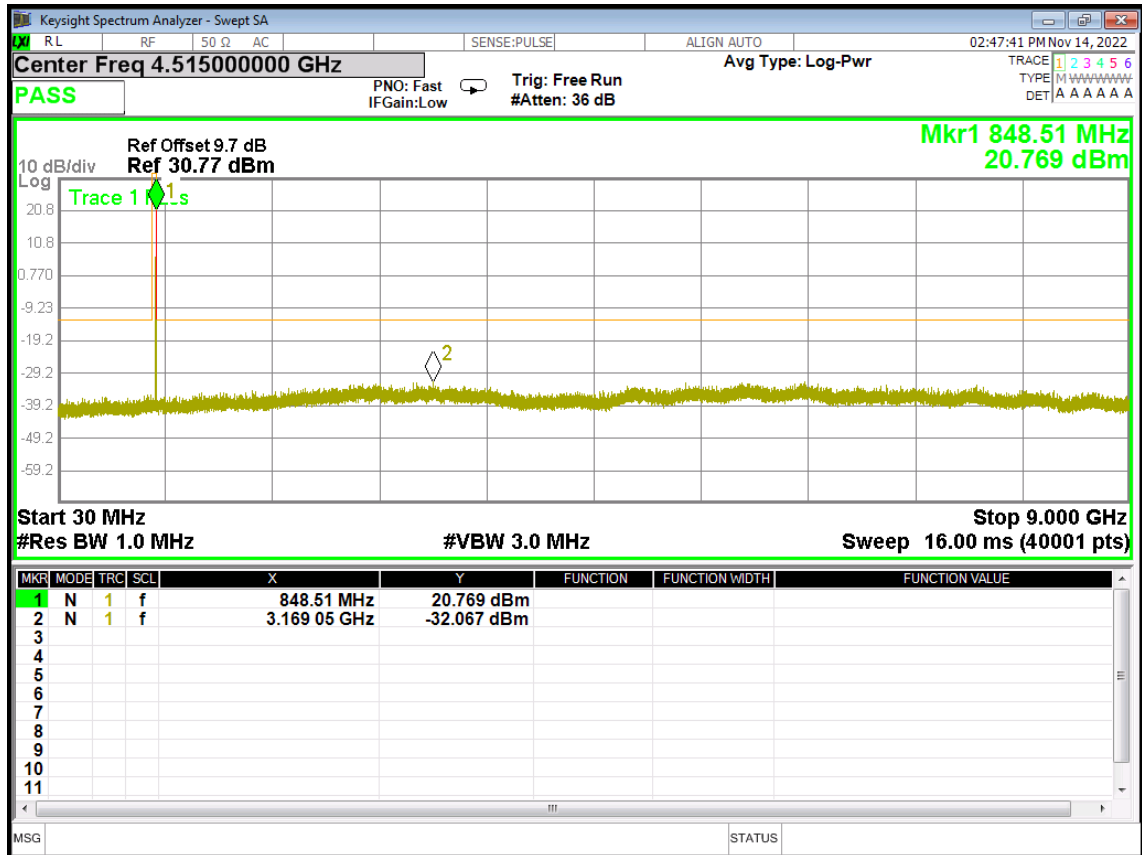
CDMA BC0_Low



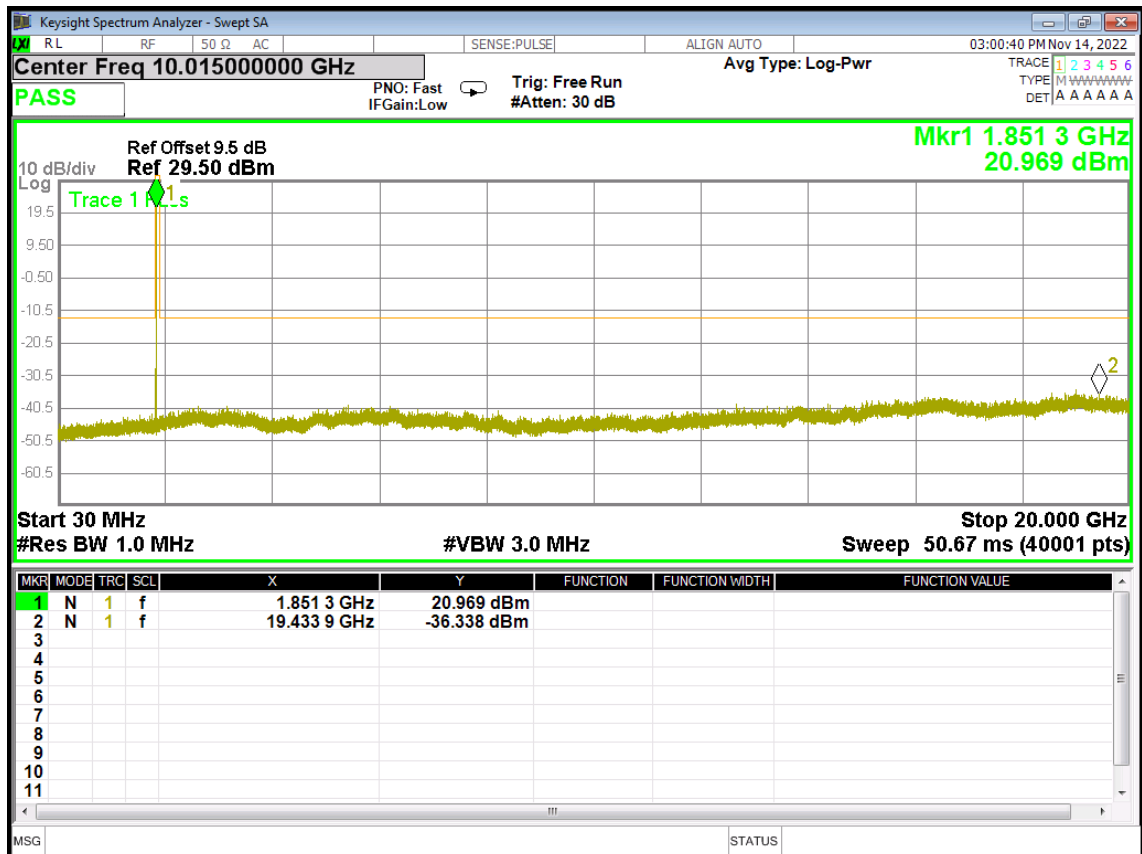
CDMA BC0_Middle



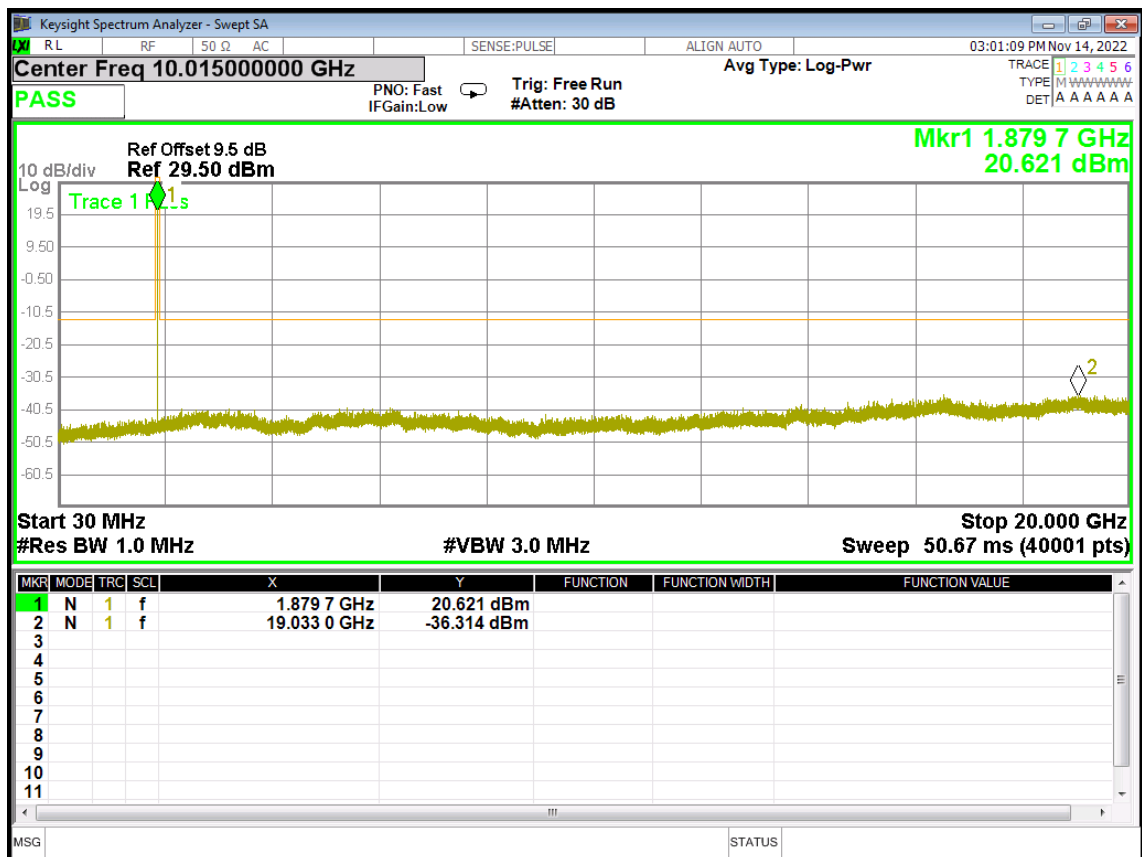
CDMA BC0_Higher



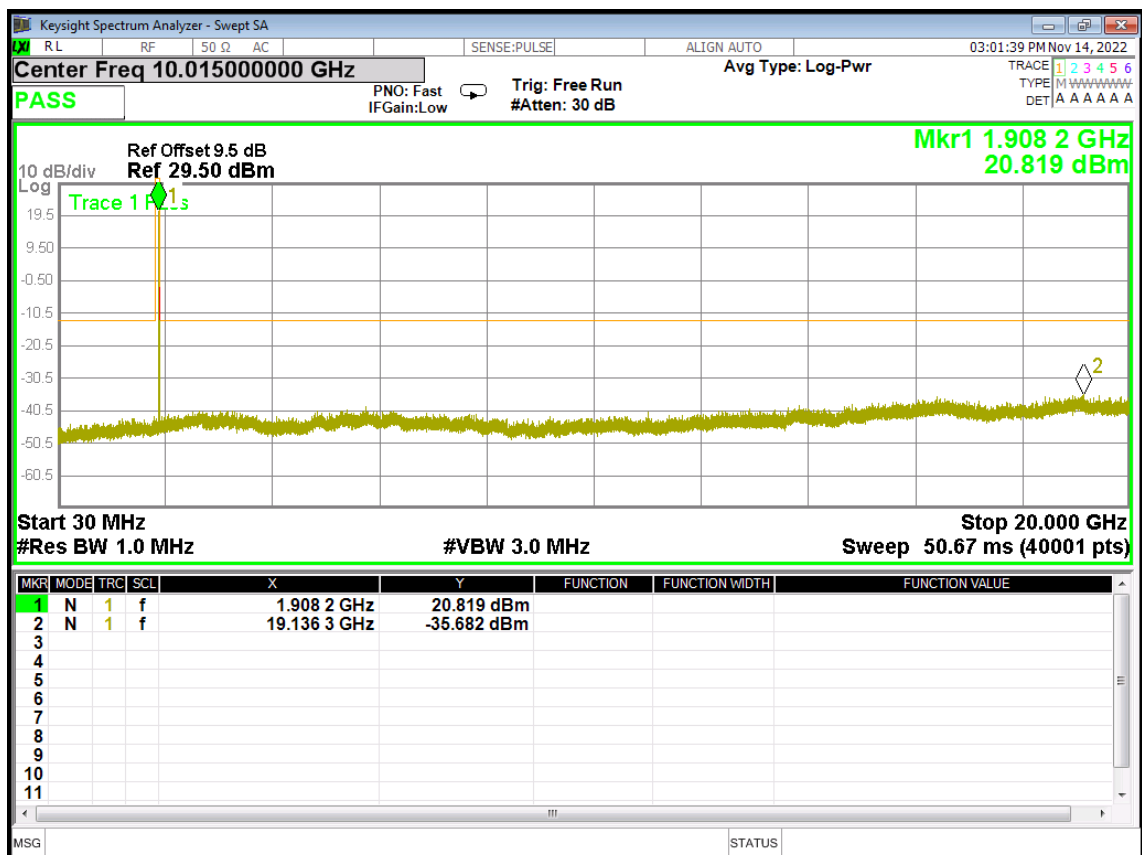
CDMA BC1_Low



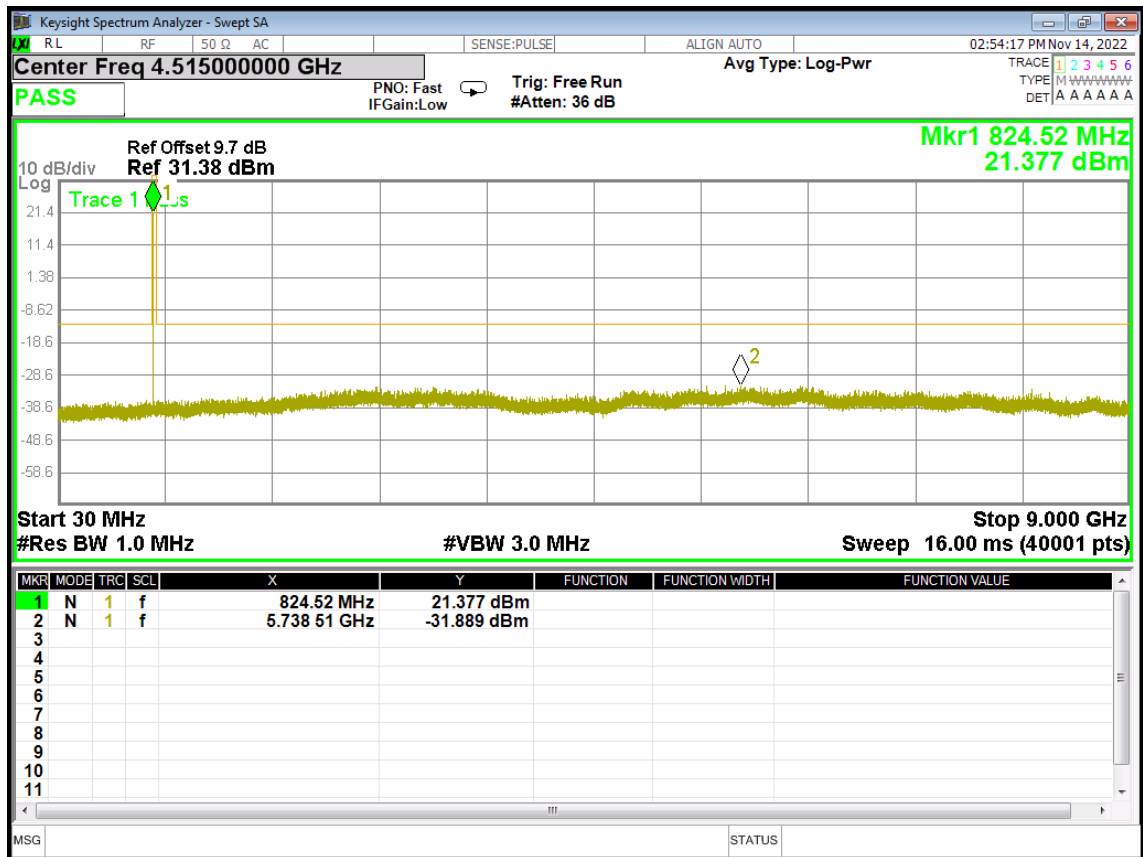
CDMA BC1_Middle



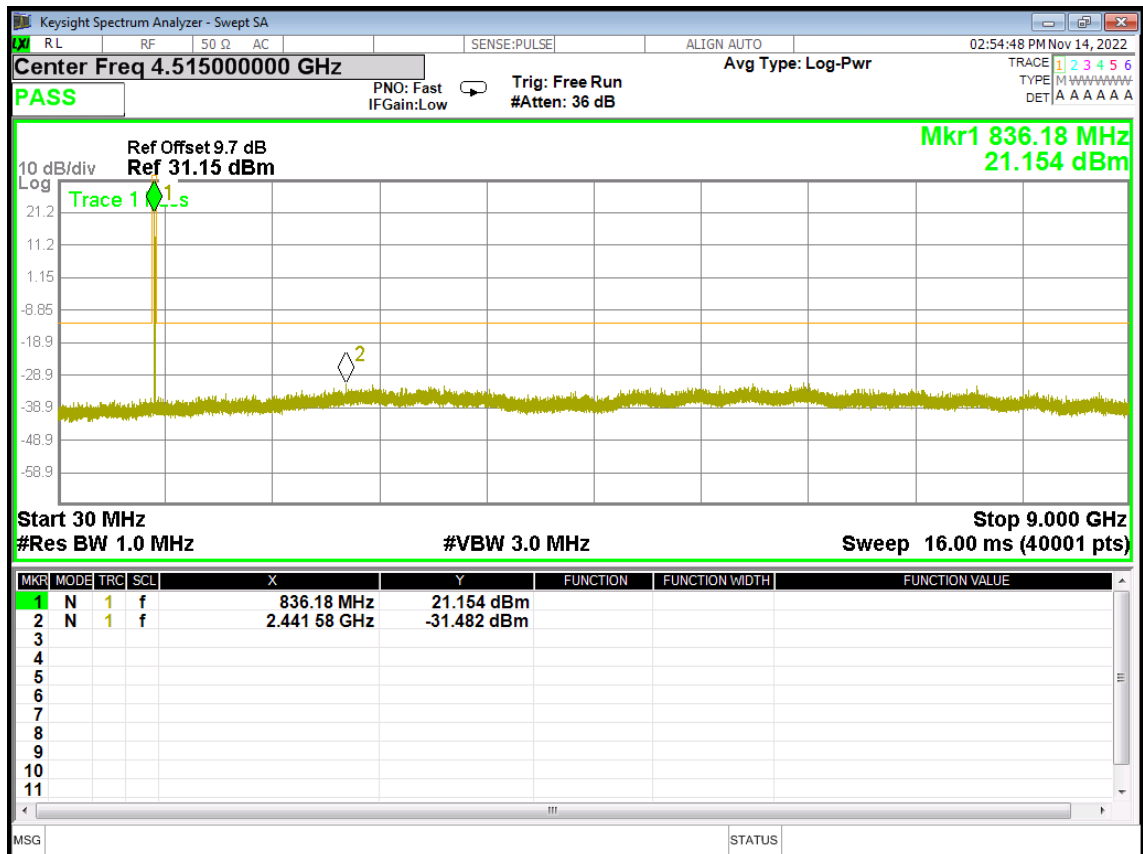
CDMA BC1_Higher



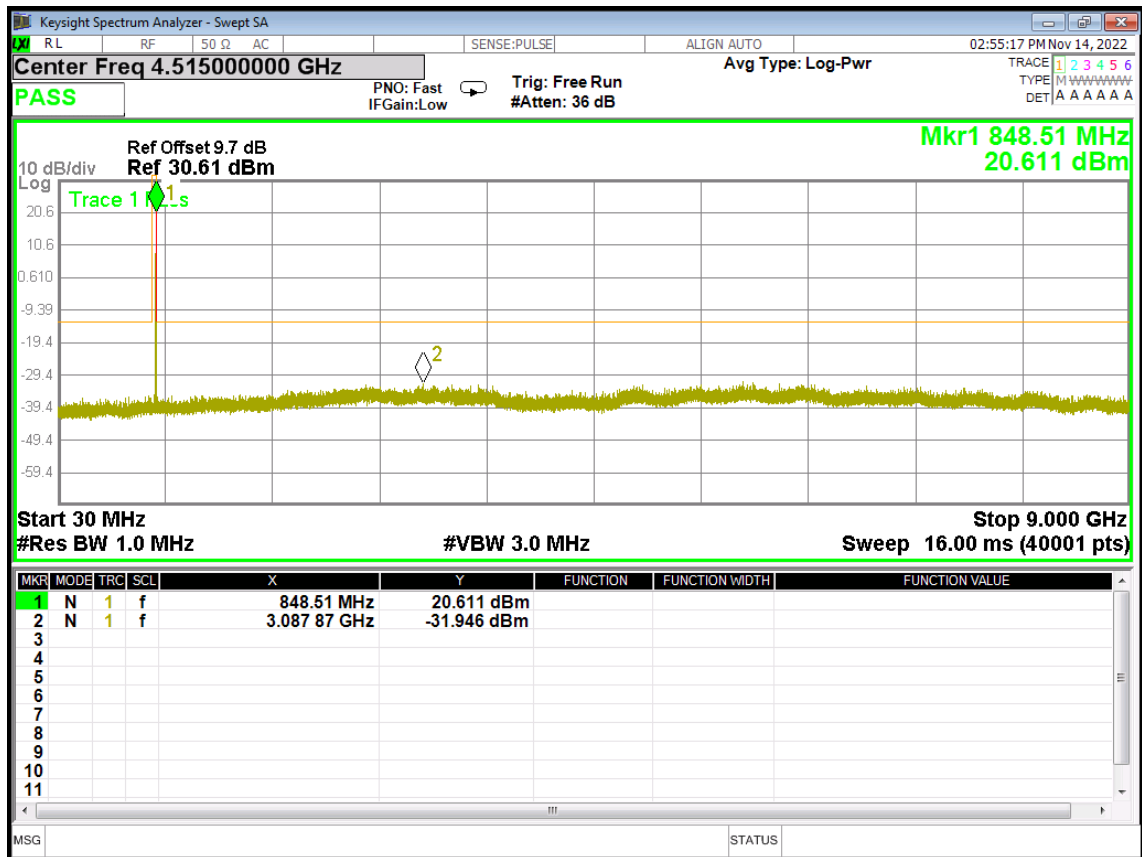
EVDO BC0_Low



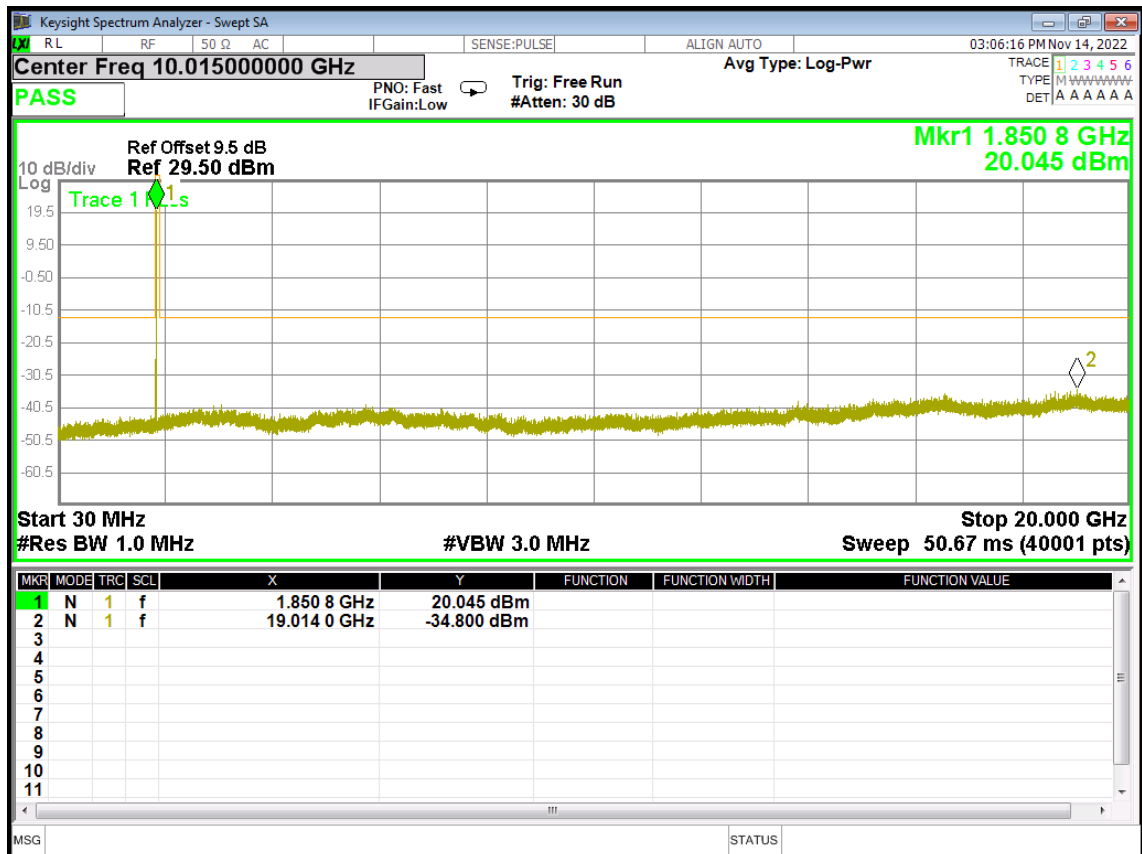
EVDO BC0_Middle



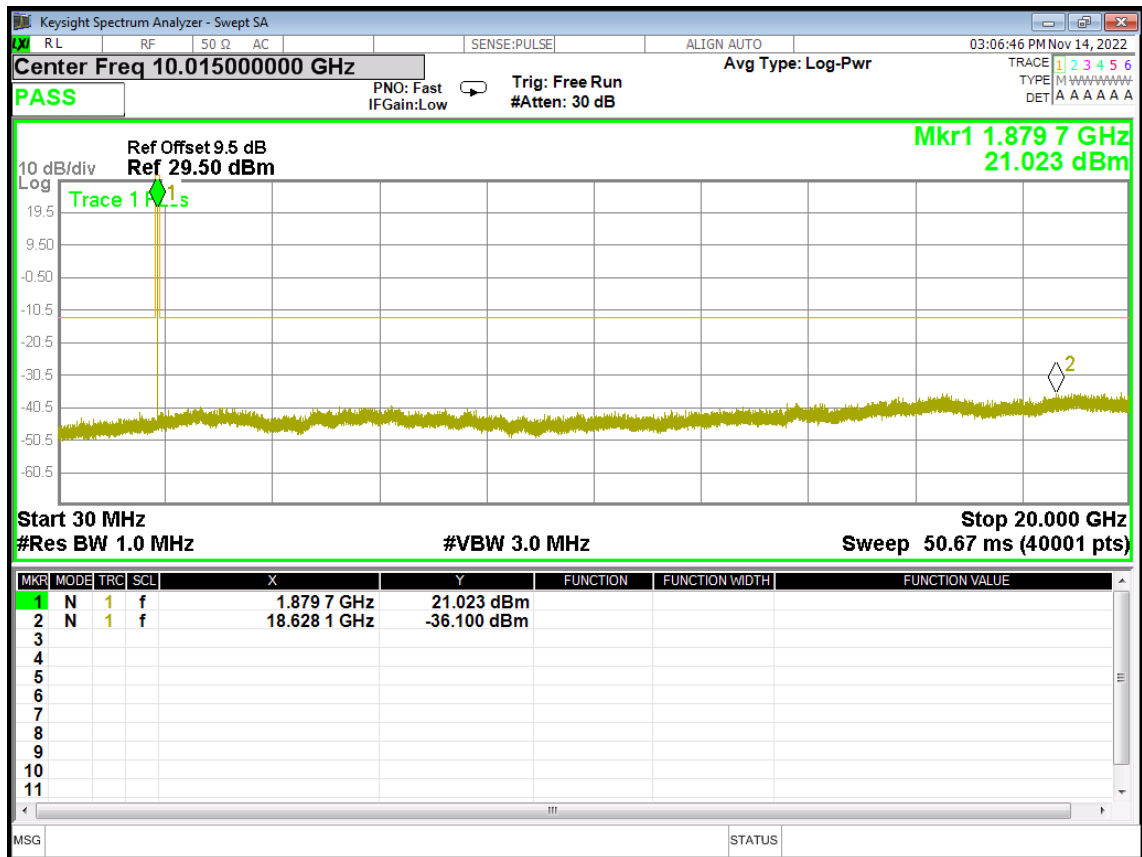
EVDO BC0_Higher



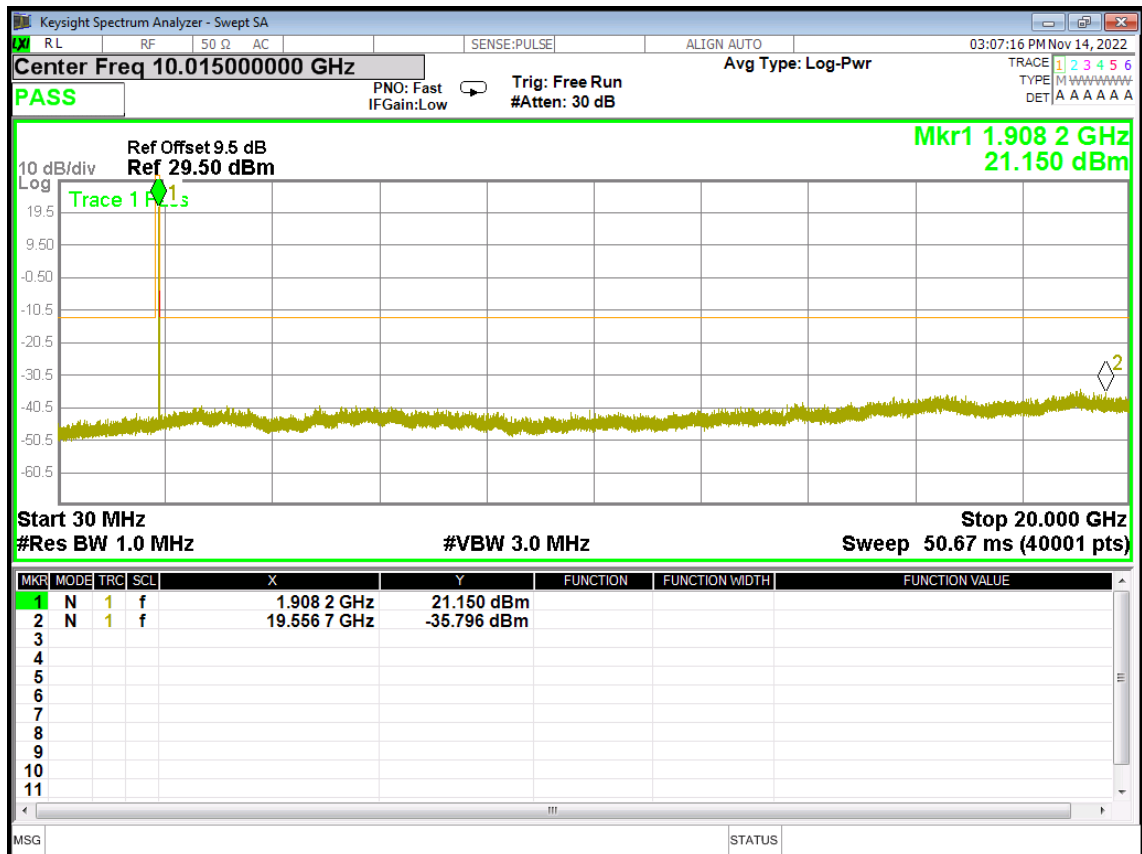
EVDO BC1_Low



EVDO BC1_Middle



EVDO BC1_High



07 RADIATED SPURIOUS EMISSION

CDMA BC0: (30-9000)MHz							
The Worst Test Results for Channel 1013/824.7MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1652.31	-40.58	7.40	9.72	-42.90	-13.00	-29.90	H
2479.65	-39.73	8.25	10.86	-42.34	-13.00	-29.34	H
3305.57	-31.30	7.20	11.57	-35.67	-13.00	-22.67	H
1652.29	-44.06	7.40	9.72	-46.38	-13.00	-33.38	V
2479.47	-44.22	8.25	10.86	-46.83	-13.00	-33.83	V
3305.64	-43.10	7.20	11.57	-47.47	-13.00	-34.47	V
The Worst Test Results for Channel 384/836.52MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1672.99	-41.05	7.40	9.72	-43.37	-13.00	-30.37	H
2509.83	-40.17	8.25	10.86	-42.78	-13.00	-29.78	H
3346.24	-30.97	7.20	11.57	-35.34	-13.00	-22.34	H
1673.19	-44.32	7.40	9.72	-46.64	-13.00	-33.64	V
2509.76	-44.79	8.25	10.86	-47.40	-13.00	-34.40	V
3346.26	-43.07	7.20	11.57	-47.44	-13.00	-34.44	V
The Worst Test Results for Channel 1175/848.31MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1693.35	-40.91	7.40	9.72	-43.23	-13.00	-30.23	H
2539.46	-40.39	8.25	10.86	-43.00	-13.00	-30.00	H
3386.10	-31.50	7.20	11.57	-35.87	-13.00	-22.87	H
1693.33	-44.23	7.40	9.72	-46.55	-13.00	-33.55	V
2539.38	-45.05	8.25	10.86	-47.66	-13.00	-34.66	V
3385.95	-42.63	7.20	11.57	-47.00	-13.00	-34.00	V

EVDO BC0: (30-9000)MHz							
The Worst Test Results for Channel 1013/824.7MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1652.47	-40.17	7.40	9.72	-42.49	-13.00	-29.49	H
2479.25	-40.65	8.25	10.86	-43.26	-13.00	-30.26	H
3305.65	-30.87	7.20	11.57	-35.24	-13.00	-22.24	H
1652.26	-44.25	7.40	9.72	-46.57	-13.00	-33.57	V
2479.31	-45.30	8.25	10.86	-47.91	-13.00	-34.91	V
3305.75	-42.62	7.20	11.57	-46.99	-13.00	-33.99	V
The Worst Test Results for Channel 384/836.52MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1673.01	-41.05	7.40	9.72	-43.37	-13.00	-30.37	H
2509.90	-40.62	8.25	10.86	-43.23	-13.00	-30.23	H
3346.25	-32.19	7.20	11.57	-36.56	-13.00	-23.56	H
1672.85	-43.21	7.40	9.72	-45.53	-13.00	-32.53	V
2509.55	-44.24	8.25	10.86	-46.85	-13.00	-33.85	V
3346.39	-43.71	7.20	11.57	-48.08	-13.00	-35.08	V
The Worst Test Results for Channel 1175/848.31MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1693.67	-41.18	7.40	9.72	-43.50	-13.00	-30.50	H
2539.23	-39.24	8.25	10.86	-41.85	-13.00	-28.85	H
3385.86	-31.84	7.20	11.57	-36.21	-13.00	-23.21	H
1693.38	-44.51	7.40	9.72	-46.83	-13.00	-33.83	V
2539.41	-44.48	8.25	10.86	-47.09	-13.00	-34.09	V
3385.86	-42.64	7.20	11.57	-47.01	-13.00	-34.01	V

CDMA BC1: (30-20000)MHz							
The Worst Test Results for Channel 25/1851.25MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3702.02	-33.65	12.60	12.93	-33.98	-13.00	-20.98	H
5553.49	-34.54	13.10	17.11	-38.55	-13.00	-25.55	H
7405.69	-32.96	11.50	22.20	-43.66	-13.00	-30.66	H
3702.10	-35.22	12.60	12.93	-35.55	-13.00	-22.55	V
5553.26	-34.25	13.10	17.11	-38.26	-13.00	-25.26	V
7405.50	-33.11	11.50	22.20	-43.81	-13.00	-30.81	V
The Worst Test Results for Channel 600/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3760.26	-34.87	12.60	12.93	-35.20	-13.00	-22.20	H
5639.94	-34.20	13.10	17.11	-38.21	-13.00	-25.21	H
7519.15	-32.61	11.50	22.20	-43.31	-13.00	-30.31	H
3759.95	-35.68	12.60	12.93	-36.01	-13.00	-23.01	V
5640.13	-34.64	13.10	17.11	-38.65	-13.00	-25.65	V
7520.24	-32.11	11.50	22.20	-42.81	-13.00	-29.81	V
The Worst Test Results for Channel 1175/1908.75MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3817.26	-34.37	12.60	12.93	-34.70	-13.00	-21.70	H
5726.43	-34.86	13.10	17.11	-38.87	-13.00	-25.87	H
7634.92	-32.17	11.50	22.20	-42.87	-13.00	-29.87	H
3817.47	-34.59	12.60	12.93	-34.92	-13.00	-21.92	V
5726.38	-34.73	13.10	17.11	-38.74	-13.00	-25.74	V
7634.95	-32.87	11.50	22.20	-43.57	-13.00	-30.57	V

EVDO BC1: (30-20000)MHz							
The Worst Test Results for Channel 25/1851.25MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3702.04	-34.54	12.60	12.93	-34.87	-13.00	-21.87	H
5553.26	-34.68	13.10	17.11	-38.69	-13.00	-25.69	H
7405.63	-33.64	11.50	22.20	-44.34	-13.00	-31.34	H
3702.33	-35.30	12.60	12.93	-35.63	-13.00	-22.63	V
5553.34	-35.05	13.10	17.11	-39.06	-13.00	-26.06	V
7405.60	-32.70	11.50	22.20	-43.40	-13.00	-30.40	V
The Worst Test Results for Channel 600/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3760.13	-34.16	12.60	12.93	-34.49	-13.00	-21.49	H
5640.26	-34.70	13.10	17.11	-38.71	-13.00	-25.71	H
7519.08	-32.69	11.50	22.20	-43.39	-13.00	-30.39	H
3760.17	-34.99	12.60	12.93	-35.32	-13.00	-22.32	V
5640.27	-34.98	13.10	17.11	-38.99	-13.00	-25.99	V
7520.12	-31.93	11.50	22.20	-42.63	-13.00	-29.63	V
The Worst Test Results for Channel 1175/1908.75MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3817.47	-33.92	12.60	12.93	-34.25	-13.00	-21.25	H
5726.12	-34.78	13.10	17.11	-38.79	-13.00	-25.79	H
7635.02	-32.68	11.50	22.20	-43.38	-13.00	-30.38	H
3817.53	-35.90	12.60	12.93	-36.23	-13.00	-23.23	V
5726.34	-33.84	13.10	17.11	-37.85	-13.00	-24.85	V
7635.21	-31.81	11.50	22.20	-42.51	-13.00	-29.51	V

APPENDIX II- 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※※※※※