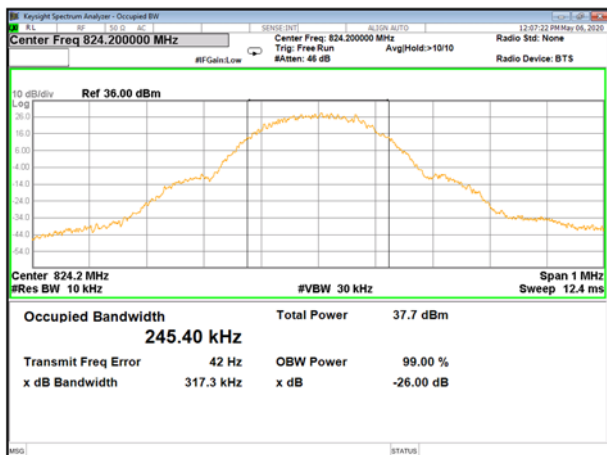
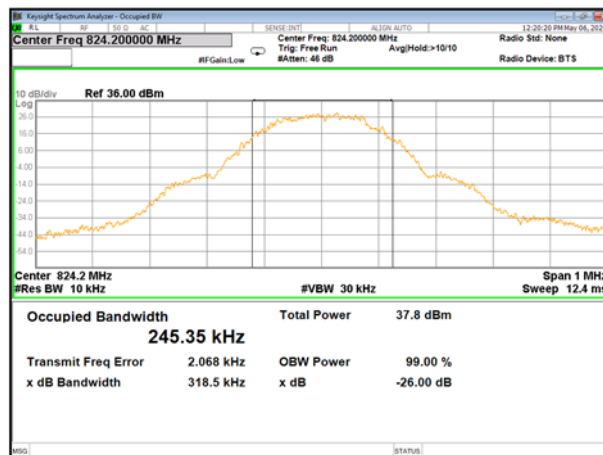
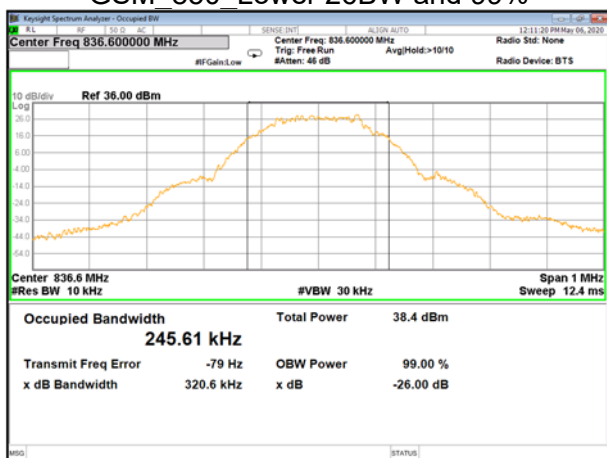




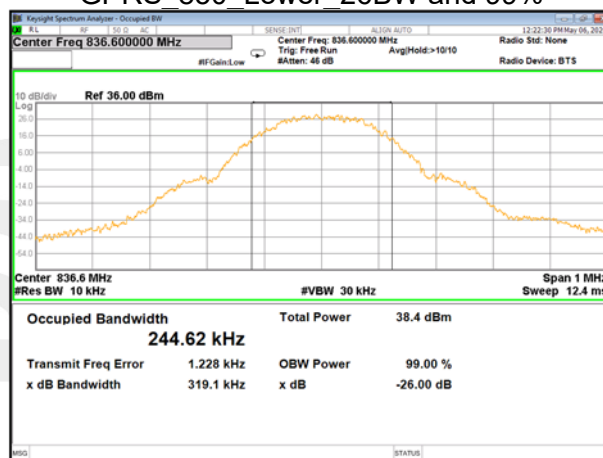
GSM_850_Lower 26BW and 99%



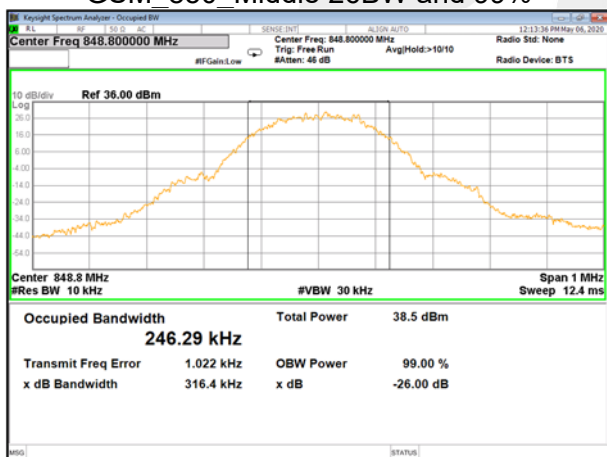
GPRS_850_Lower 26BW and 99%



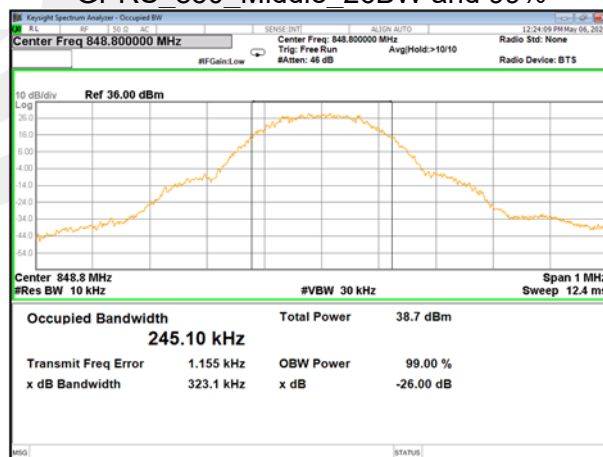
GSM_850_Middle 26BW and 99%



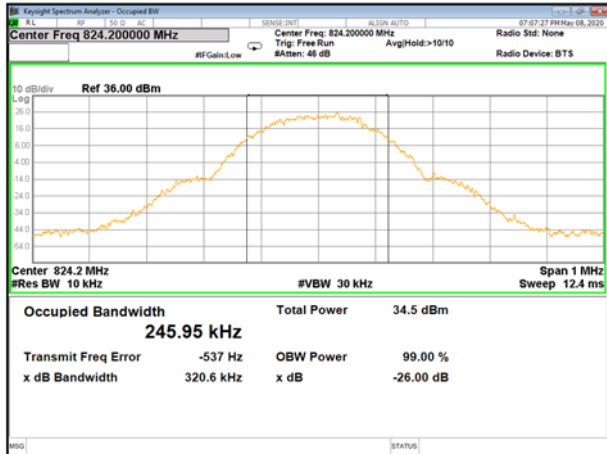
GPRS_850_Middle 26BW and 99%



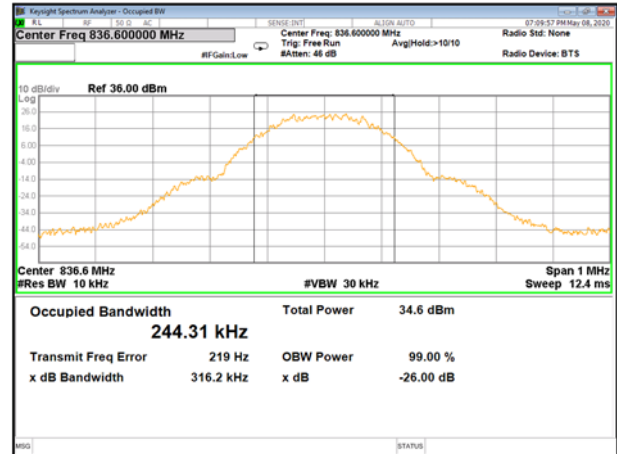
GSM_850_Higher 26BW and 99%



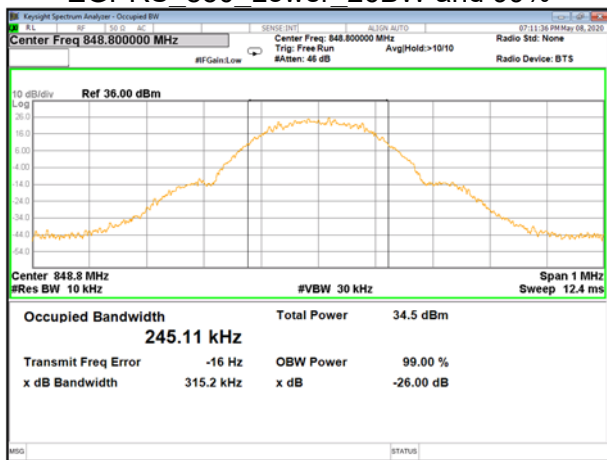
GPRS_850_Higher 26BW and 99%



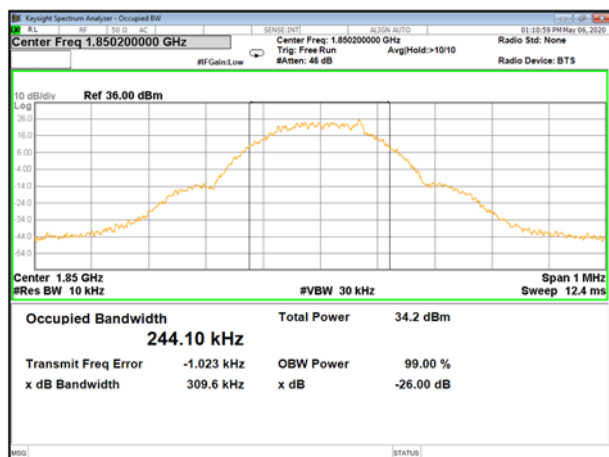
EGPRS_850_Lower_26BW and 99%



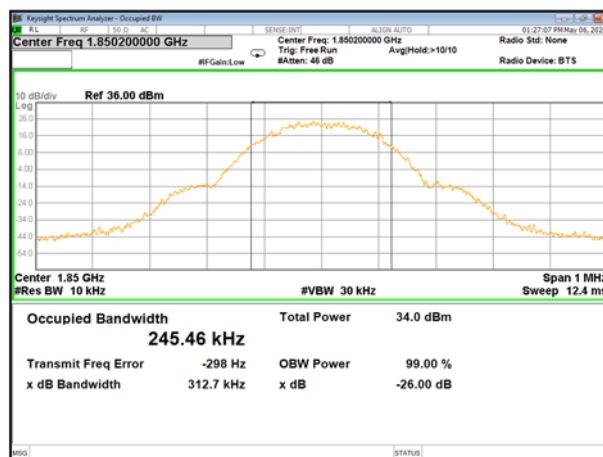
EGPRS_850_Middle_26BW and 99%



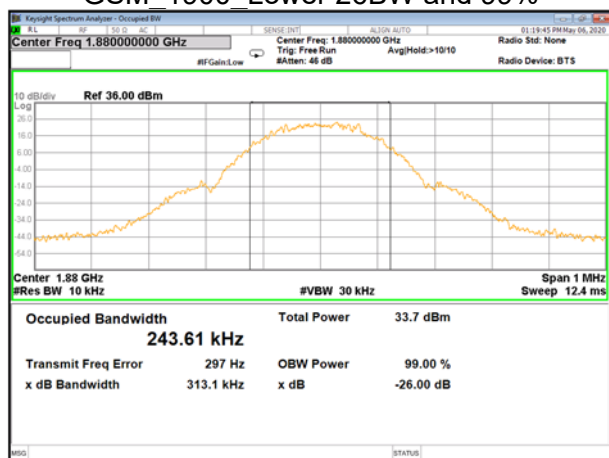
EGPRS_850_Higher_26BW and 99%



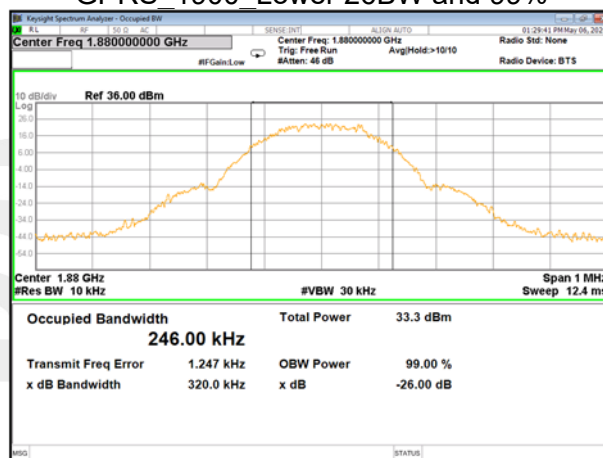
GSM 1900 Lower 26BW and 99%



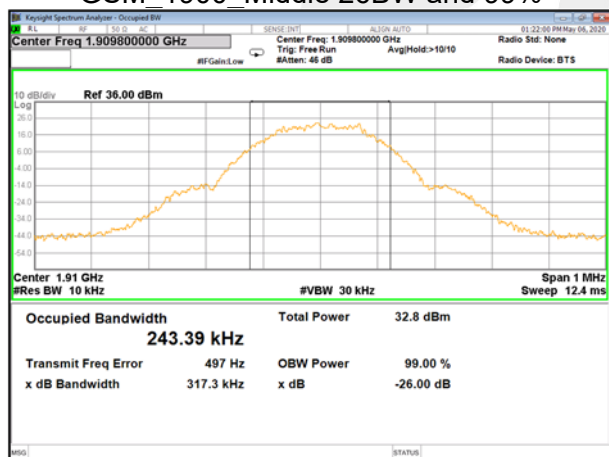
GPRS 1900 Lower 26BW and 99%



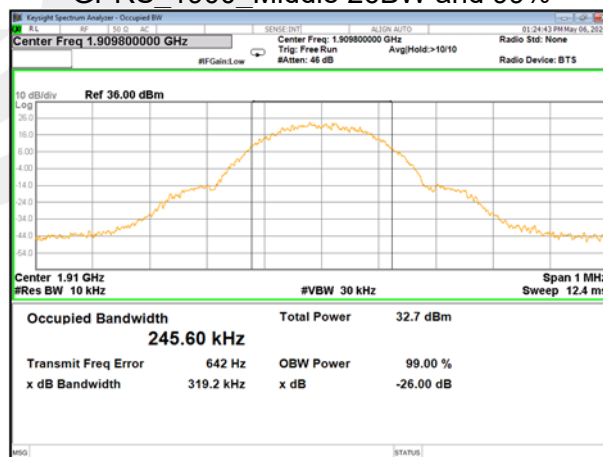
GSM 1900 Middle 26BW and 99%



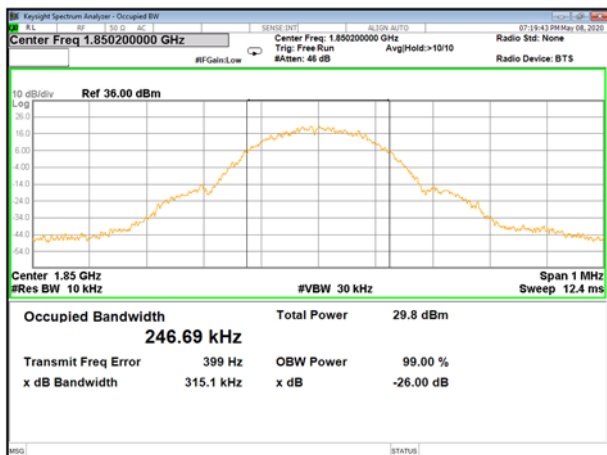
GPRS 1900 Middle 26BW and 99%



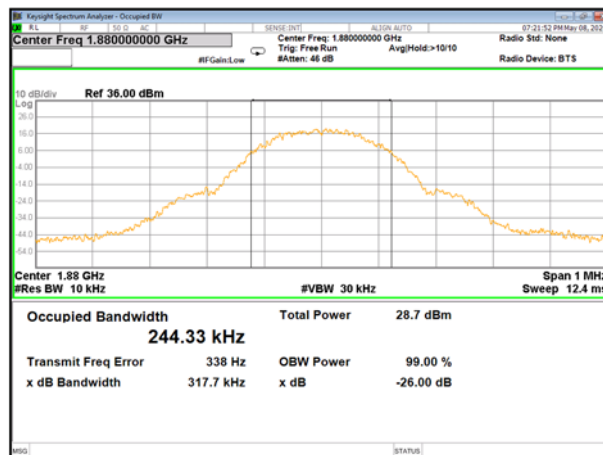
GSM 1900 Higher 26BW and 99%



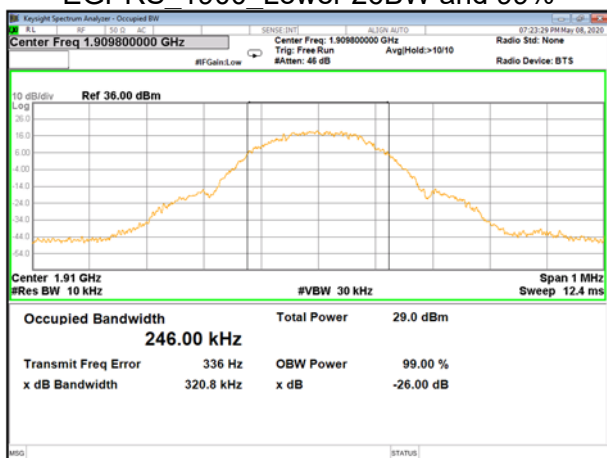
GPRS 1900 Higher 26BW and 99%



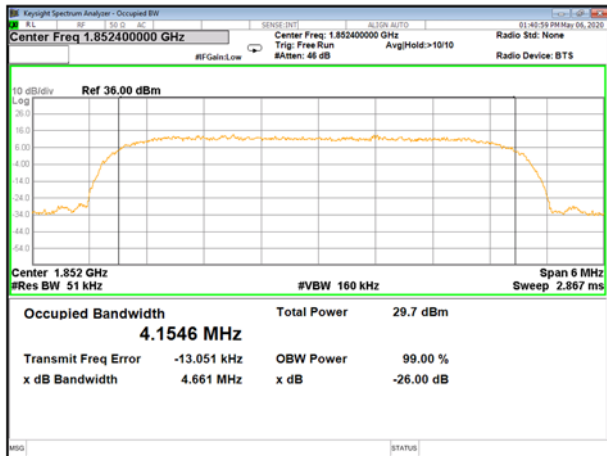
EGPRS_1900_Lower_26BW and 99%



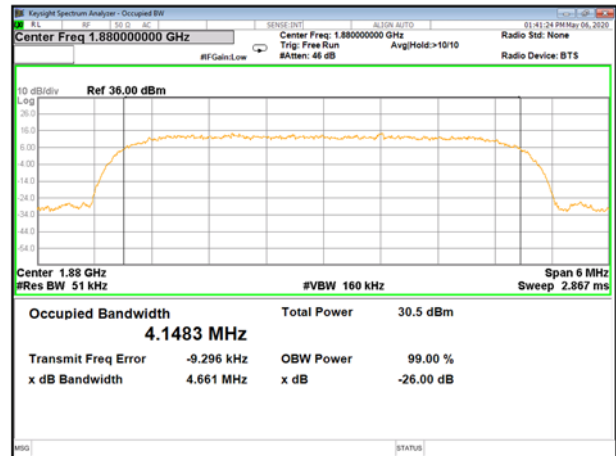
EGPRS_1900_Middle_26BW and 99%



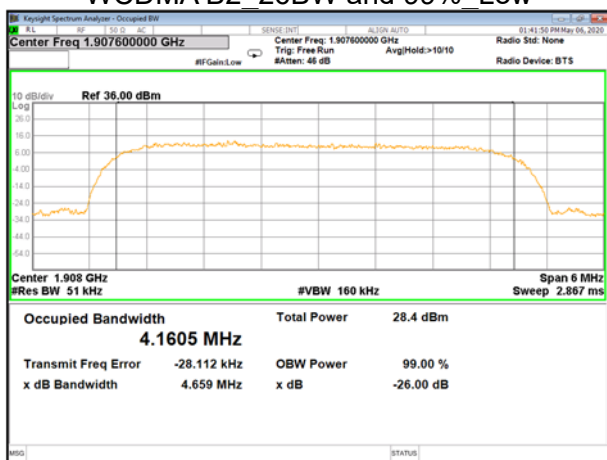
EGPRS_1900_Higher_26BW and 99%



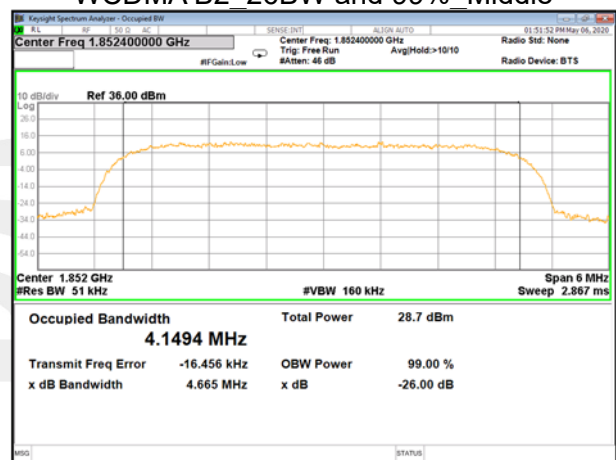
WCDMA B2 26BW and 99% Low



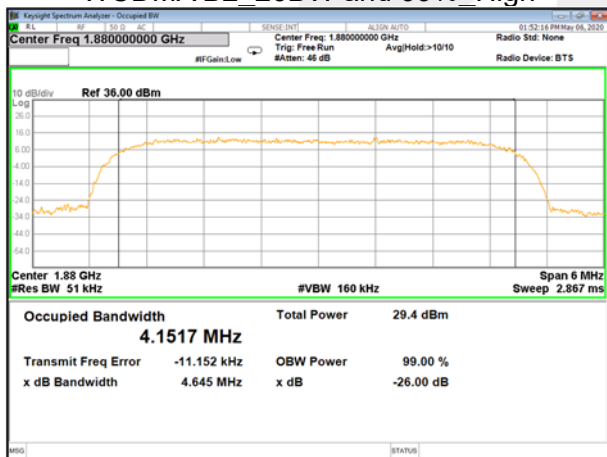
WCDMA B2 26BW and 99% Middle



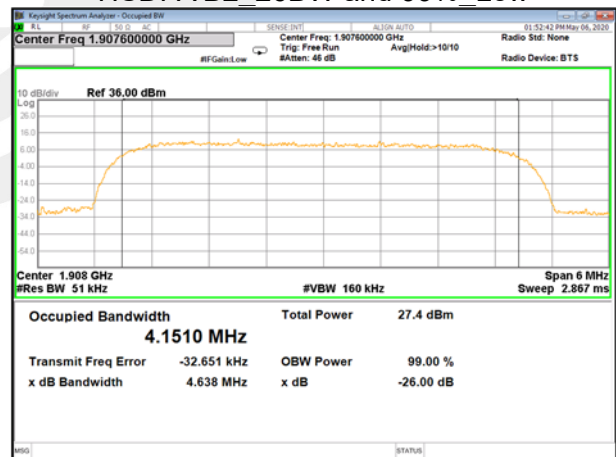
WCDMA B2 26BW and 99% High



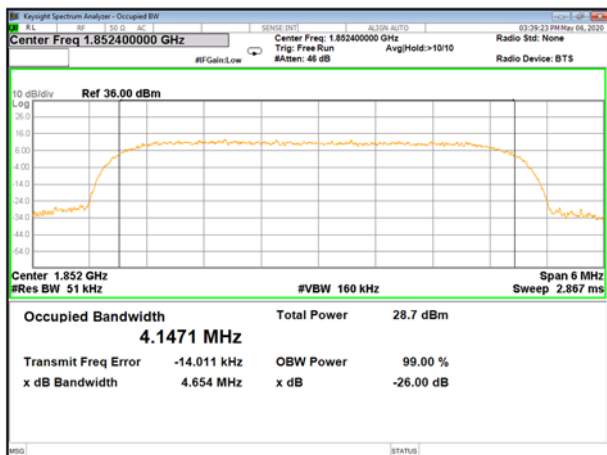
HSDPA B2 26BW and 99% Low



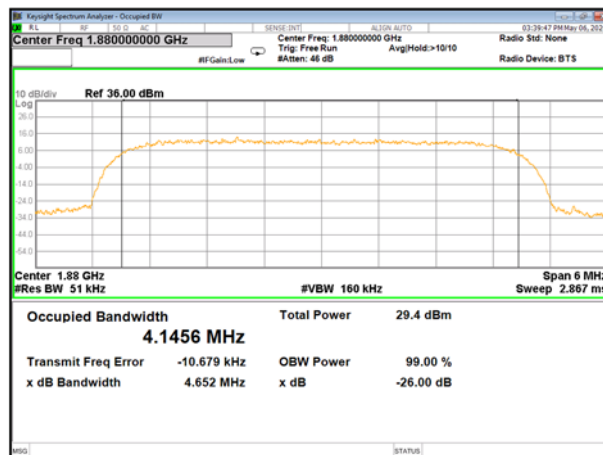
HSDPA B2 26BW and 99% Middle



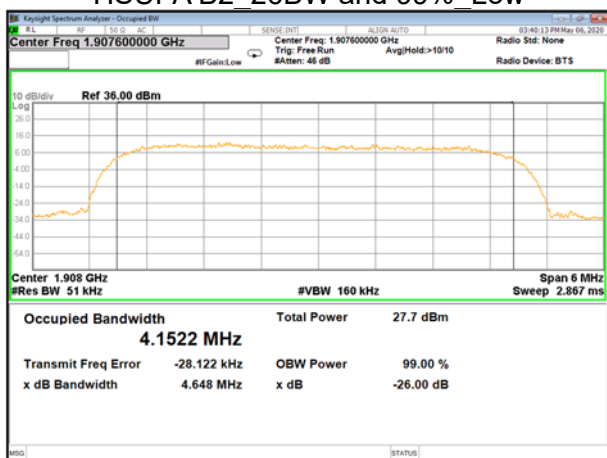
HSDPA B2 26BW and 99% High



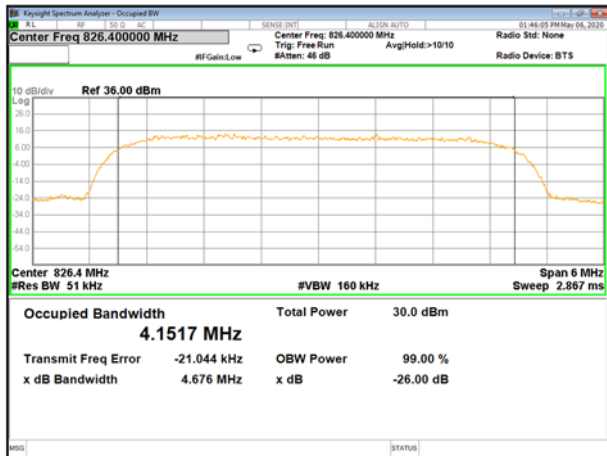
HSUPA B2_26BW and 99%_Low



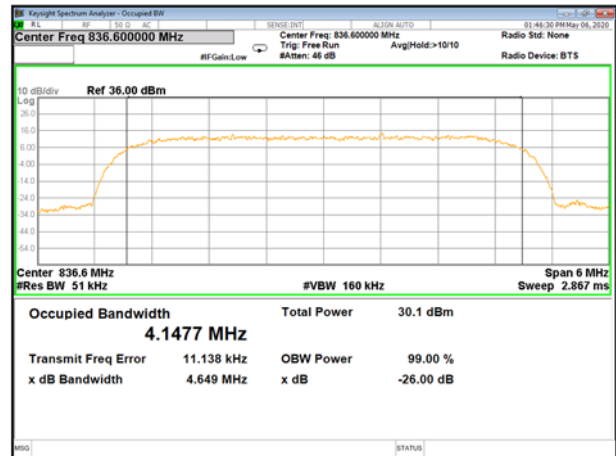
HSUPA B2_26BW and 99%_Middle



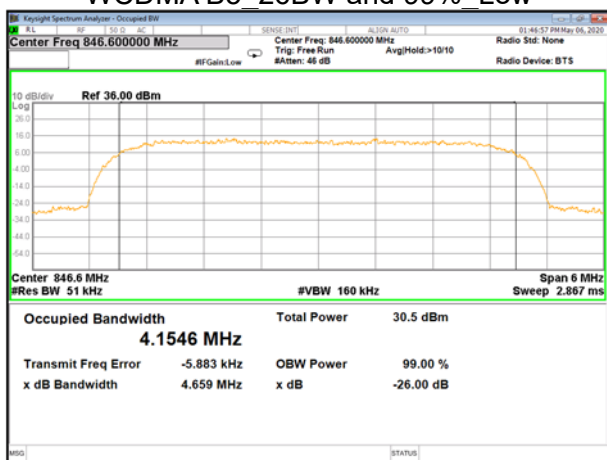
HSUPA B2_26BW and 99%_High



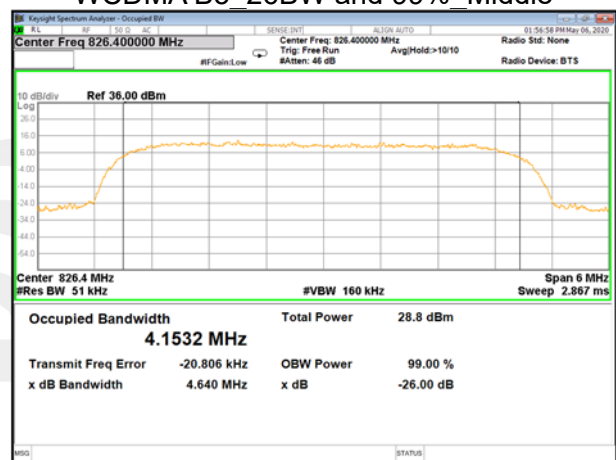
WCDMA B5 26BW and 99% Low



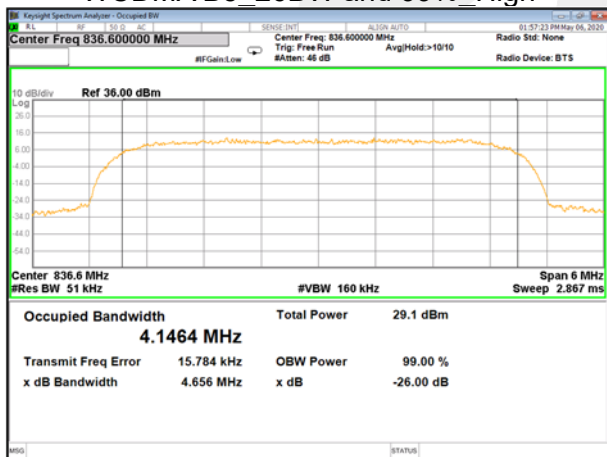
WCDMA B5 26BW and 99% Middle



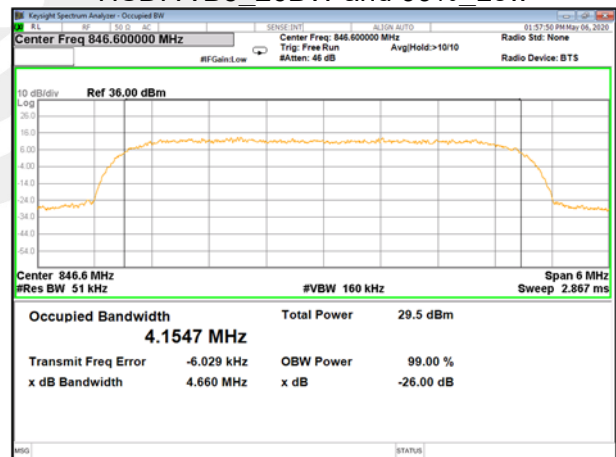
WCDMA B5 26BW and 99% High



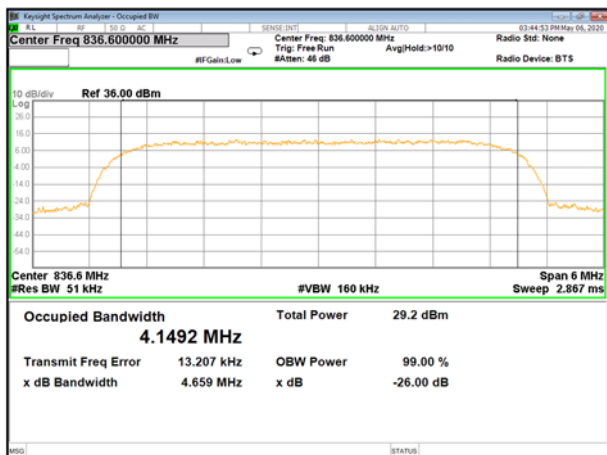
HSDPA B5 26BW and 99% Low



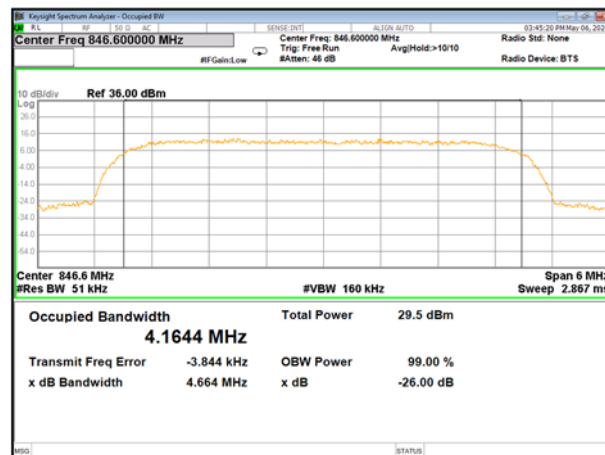
HSDPA B5 26BW and 99% Middle



HSDPA B5 26BW and 99% High



HSUPA B5_26BW and 99%_Middle



HSUPA B5_26BW and 99%_High





A5.FREQUENCY STABILITY

Normal Voltage =3.7V; Battery End Point (BEP) = 3.4V; Maximum Voltage =4.2V

GSM 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	22.40	0.027	2.5ppm	PASS
40		18.30	0.022		
30		34.33	0.041		
20		31.03	0.037		
10		33.30	0.040		
0		21.71	0.026		
-10		26.38	0.032		
-20		24.71	0.030		
-30		26.65	0.032		
25	Maximum Voltage	13.59	0.016		
25	BEP	15.18	0.018		

GPRS 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	19.14	0.023	2.5ppm	PASS
40		23.67	0.028		
30		28.45	0.034		
20		30.09	0.036		
10		15.51	0.019		
0		19.85	0.024		
-10		29.94	0.036		
-20		22.90	0.027		
-30		28.46	0.034		
25	Maximum Voltage	30.25	0.036		
25	BEP	15.42	0.018		

EGPRS 850 /836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	32.94	0.039	2.5ppm	PASS
40		32.54	0.039		
30		25.41	0.030		
20		11.90	0.014		
10		20.33	0.024		
0		14.91	0.018		
-10		24.23	0.029		
-20		18.69	0.022		
-30		18.11	0.022		
25	Maximum Voltage	20.87	0.025		
25	BEP	28.51	0.034		



GSM 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.81	0.013	Within Authorized Band	PASS
40		33.96	0.018		
30		13.25	0.007		
20		23.70	0.013		
10		21.12	0.011		
0		27.51	0.015		
-10		16.80	0.009		
-20		14.73	0.008		
-30		34.17	0.018		
25	Maximum Voltage	16.57	0.009		
25	BEP	32.27	0.017		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.91	0.007	Within Authorized Band	PASS
40		15.40	0.008		
30		14.63	0.008		
20		15.12	0.008		
10		23.91	0.013		
0		31.10	0.017		
-10		22.93	0.012		
-20		18.10	0.010		
-30		16.83	0.009		
25	Maximum Voltage	32.71	0.017		
25	BEP	12.63	0.007		

EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.03	0.013	Within Authorized Band	PASS
40		21.95	0.012		
30		29.86	0.016		
20		26.65	0.014		
10		31.37	0.017		
0		25.35	0.013		
-10		15.45	0.008		
-20		36.45	0.019		
-30		28.81	0.015		
25	Maximum Voltage	35.31	0.019		
25	BEP	16.31	0.009		



UMTS Band II /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.84	0.010	Within Authorized Band	PASS
40		20.60	0.011		
30		26.52	0.014		
20		12.66	0.007		
10		17.18	0.009		
0		16.06	0.009		
-10		35.28	0.019		
-20		33.73	0.018		
-30		27.39	0.015		
25	Maximum Voltage	11.94	0.006		
25	BEP	35.52	0.019		

HSDPA Band II /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.45	0.016	Within Authorized Band	PASS
40		14.88	0.008		
30		29.39	0.016		
20		36.48	0.019		
10		26.18	0.014		
0		12.76	0.007		
-10		23.50	0.013		
-20		24.95	0.013		
-30		33.32	0.018		
25	Maximum Voltage	16.50	0.009		
25	BEP	31.84	0.017		

HSUPA Band II /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.76	0.014	Within Authorized Band	PASS
40		17.11	0.009		
30		12.74	0.007		
20		12.47	0.007		
10		36.03	0.019		
0		27.90	0.015		
-10		16.06	0.009		
-20		21.09	0.011		
-30		20.77	0.011		
25	Maximum Voltage	16.45	0.009		
25	BEP	20.25	0.011		



UMTS Band V / 836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.04	0.041	2.5ppm	PASS
40		25.83	0.031		
30		15.94	0.019		
20		15.44	0.018		
10		35.47	0.042		
0		34.72	0.042		
-10		23.98	0.029		
-20		11.89	0.014		
-30		15.76	0.019		
25	Maximum Voltage	29.93	0.036		
25	BEP	34.06	0.041		

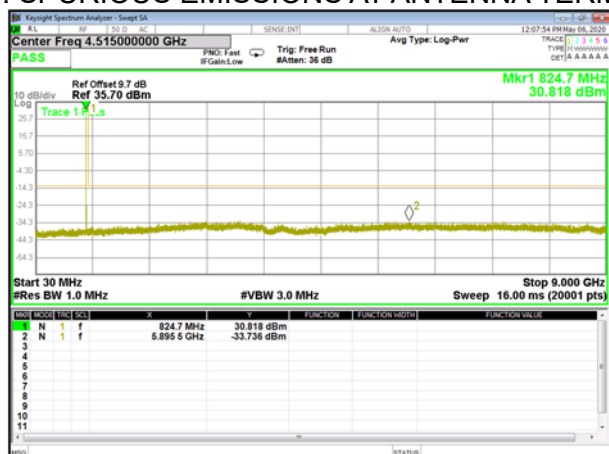
HSDPA Band V / 836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)		(ppm)		
50	Normal Voltage	21.69	0.026	2.5ppm	PASS
40		12.61	0.015		
30		32.92	0.039		
20		17.16	0.021		
10		14.26	0.017		
0		16.91	0.020		
-10		17.84	0.021		
-20		19.05	0.023		
-30		33.06	0.040		
25	Maximum Voltage	18.92	0.023		
25	BEP	35.03	0.042		

HSUPA Band V / 836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.00	0.037	2.5ppm	PASS
40		28.91	0.035		
30		34.56	0.041		
20		11.88	0.014		
10		35.30	0.042		
0		26.63	0.032		
-10		24.00	0.029		
-20		17.55	0.021		
-30		31.43	0.038		
25	Maximum Voltage	35.63	0.043		
25	BEP	29.41	0.035		

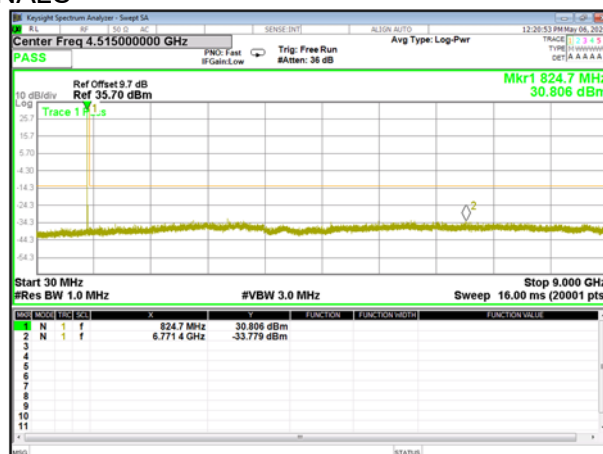
1. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



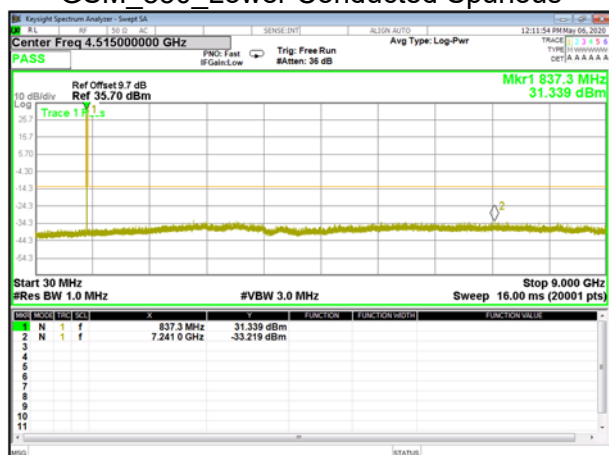
A6. SPURIOUS EMISSIONS AT ANTENNA TERMINALS



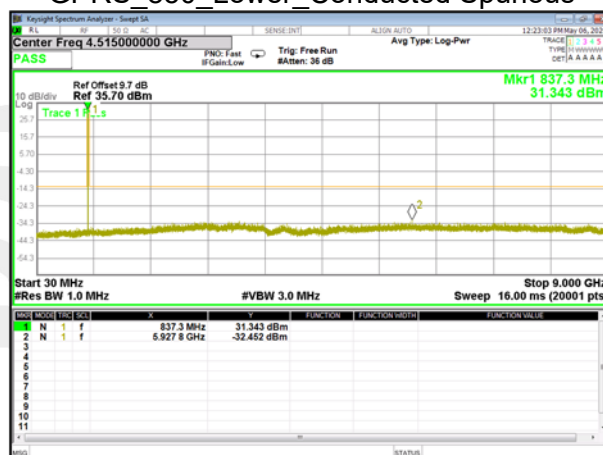
GSM_850_Lower Conducted Spurious



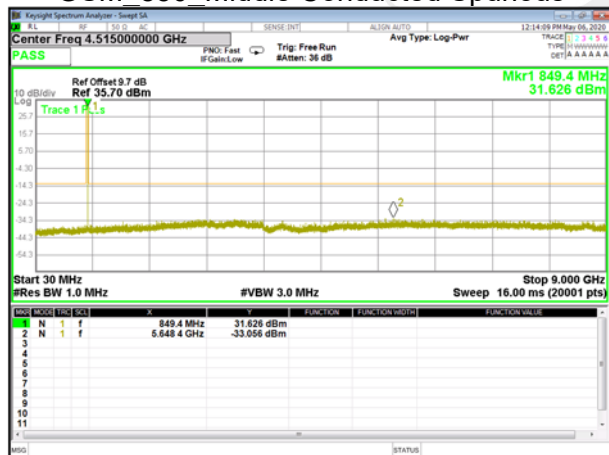
GPRS_850_Lower Conducted Spurious



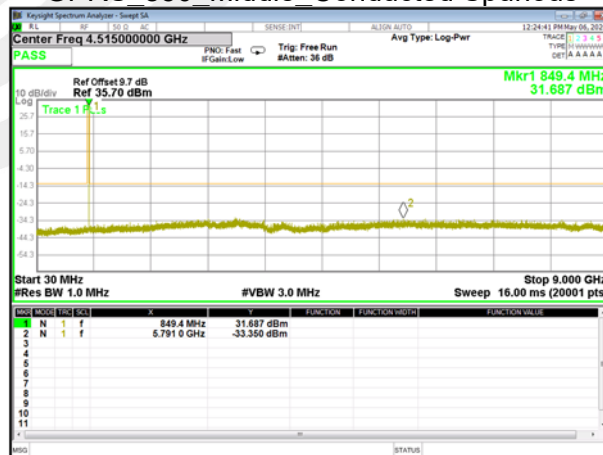
GSM_850_Middle Conducted Spurious



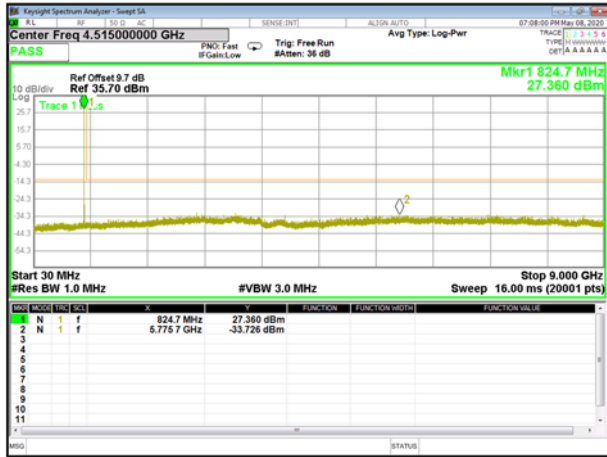
GPRS_850_Middle Conducted Spurious



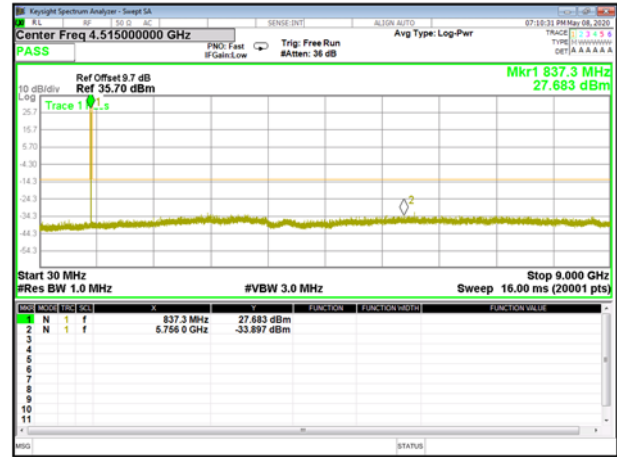
GSM_850_Higher Conducted Spurious



GPRS_850_Higher Conducted Spurious



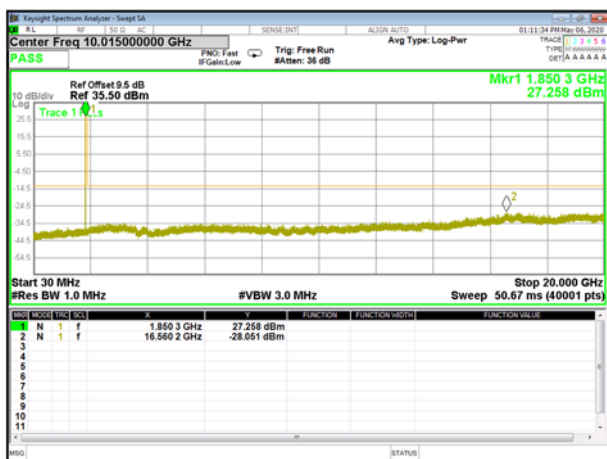
EGPRS_850_Lower_Conducted Spurious



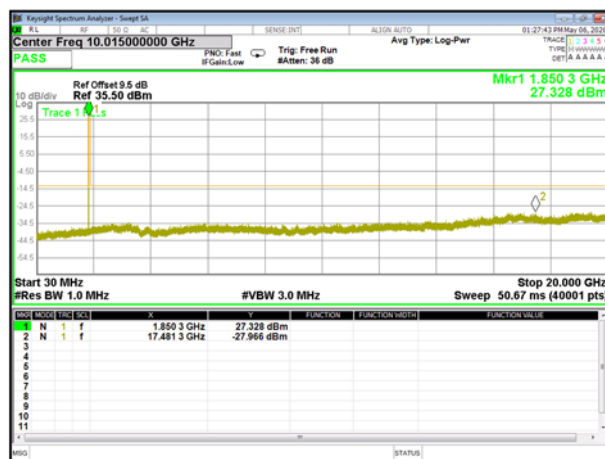
EGPRS_850_Middle_Conducted Spurious



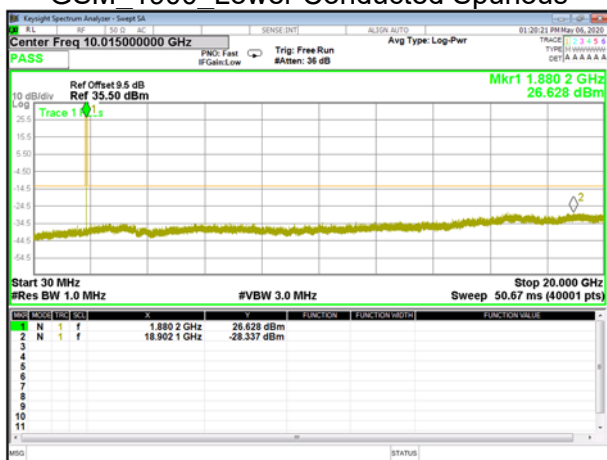
EGPRS_850_Higher_Conducted Spurious



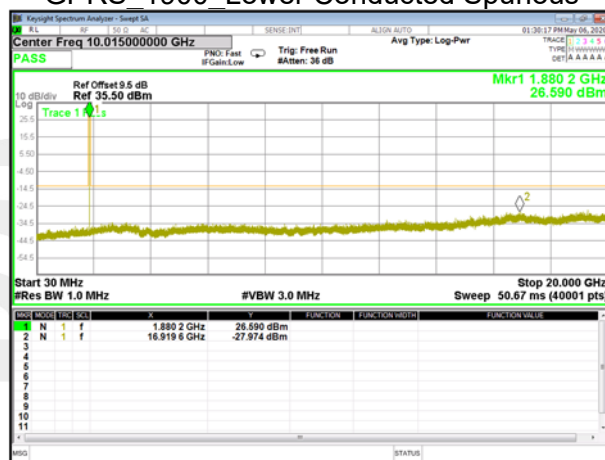
GSM_1900_Lower Conducted Spurious



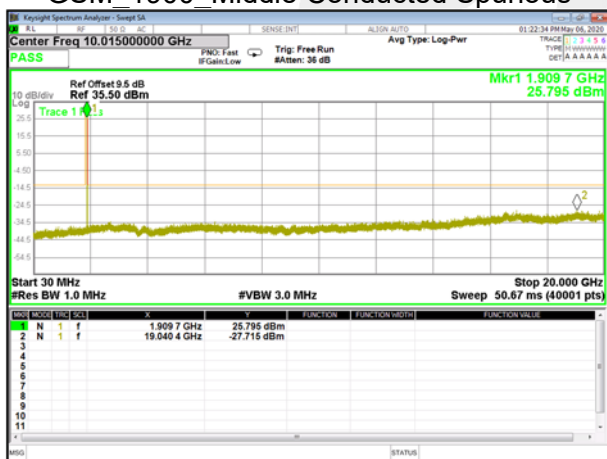
GPRS_1900_Lower Conducted Spurious



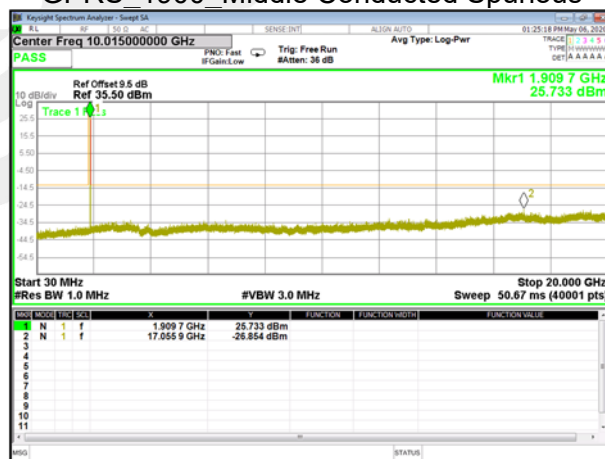
GSM_1900_Middle Conducted Spurious



GPRS_1900_Middle Conducted Spurious



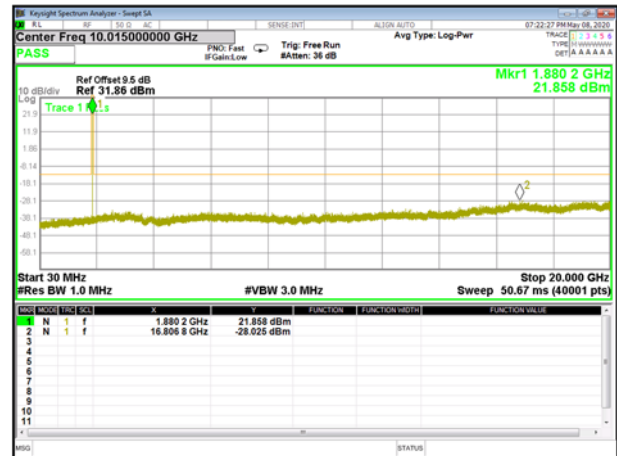
GSM_1900_Higher Conducted Spurious



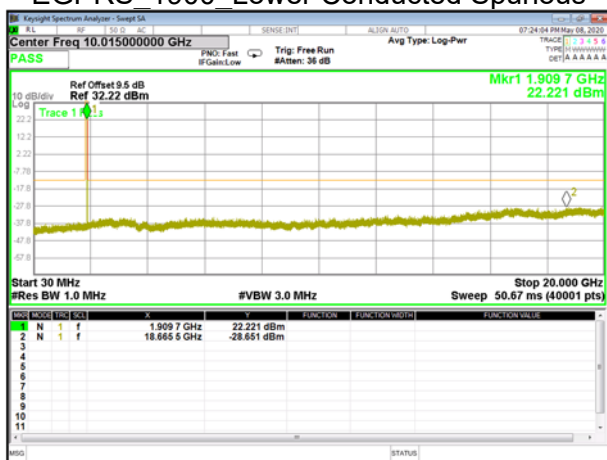
GPRS_1900_Higher Conducted Spurious



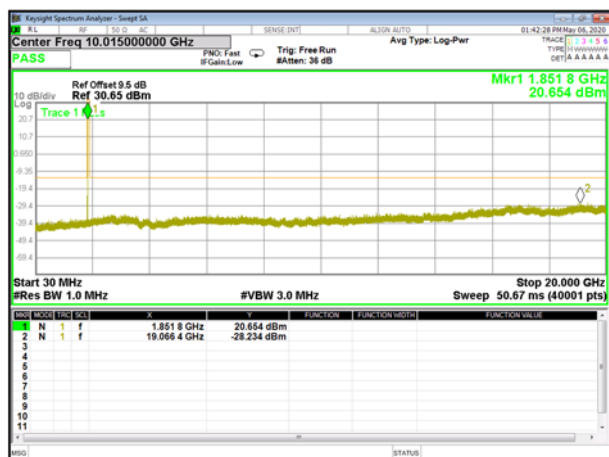
EGPRS 1900 Lower Conducted Spurious



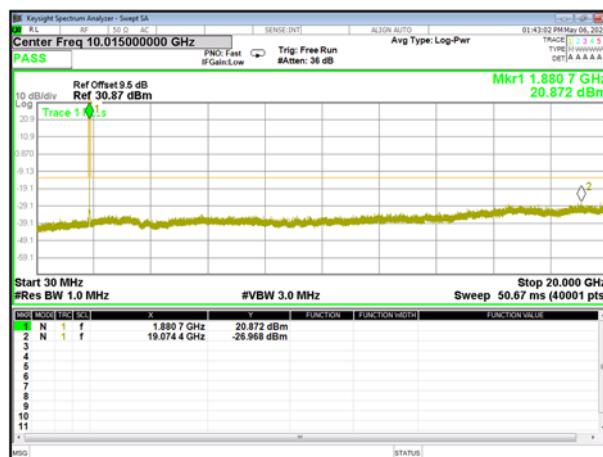
EGPRS_1900_Middle Conducted Spurious



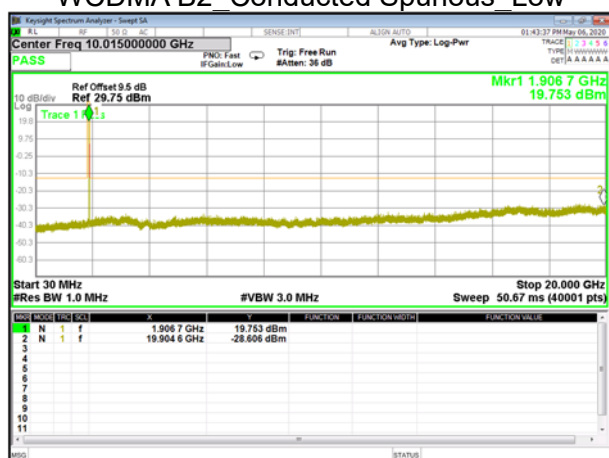
EGPRS_1900_Higher Conducted Spurious



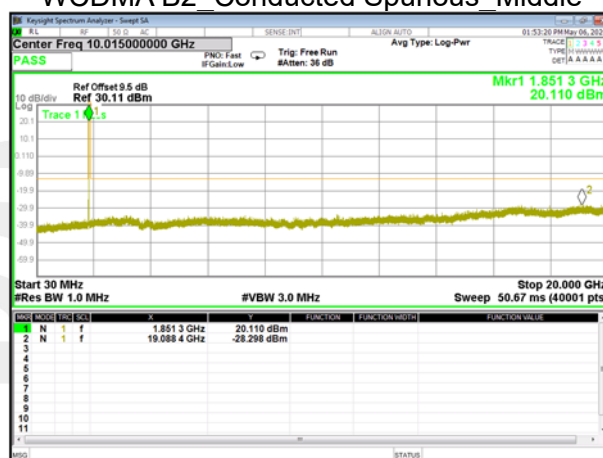
WCDMA B2_Conducted Spurious_Low



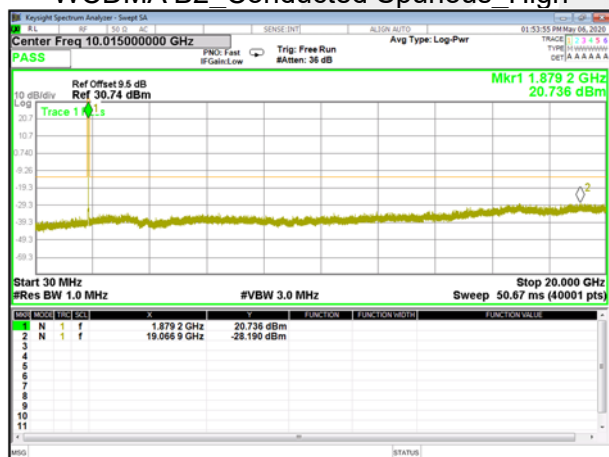
WCDMA B2_Conducted Spurious_Middle



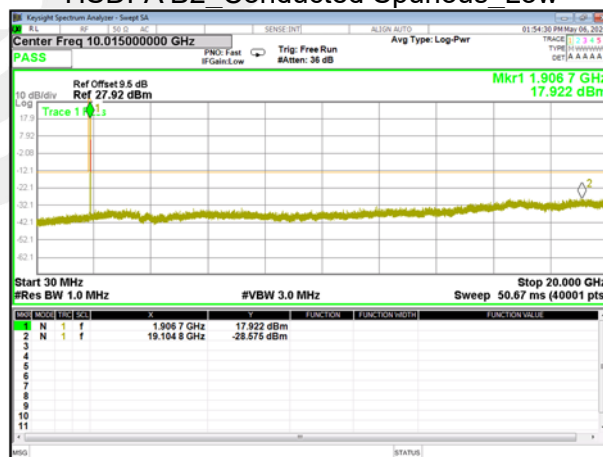
WCDMA B2_Conducted Spurious_High



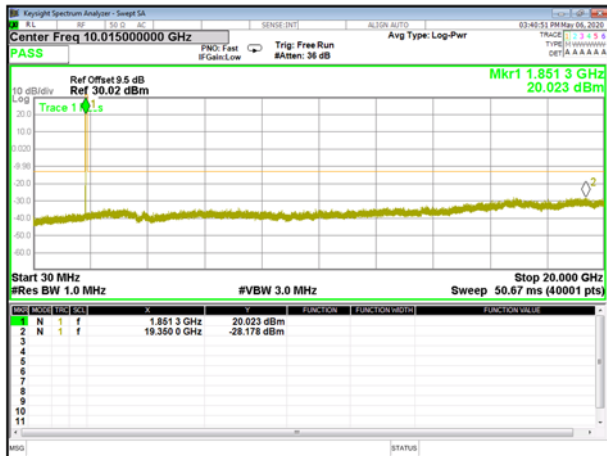
HSDPA B2_Conducted Spurious_Low



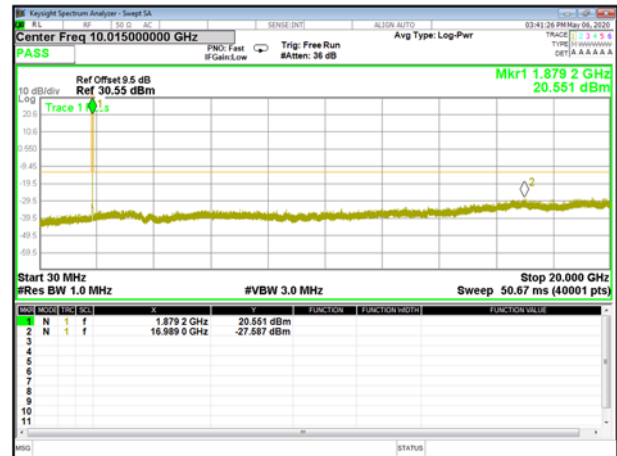
HSDPA B2_Conducted Spurious_Middle



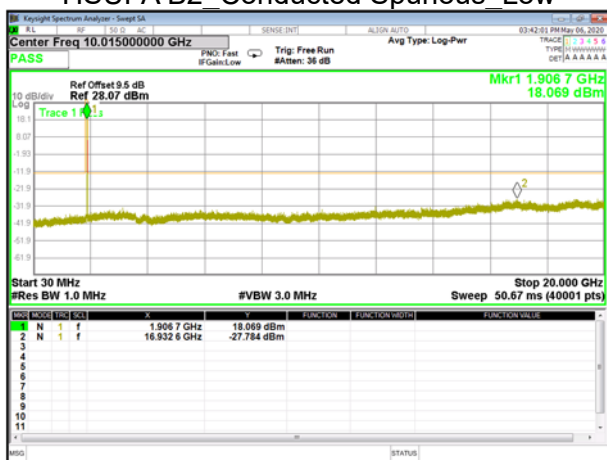
HSDPA B2_Conducted Spurious_High



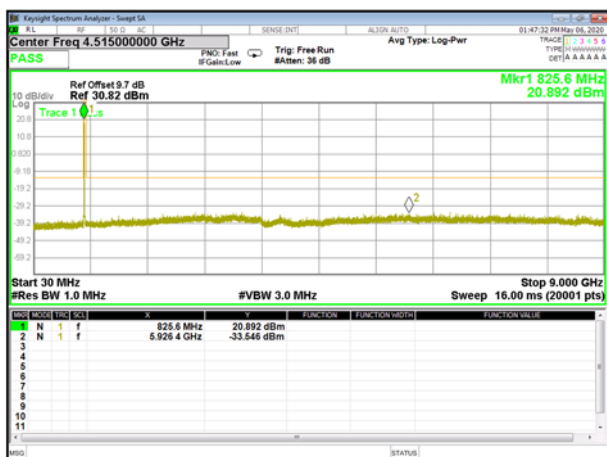
HSUPA B2_Conducted Spurious_Low



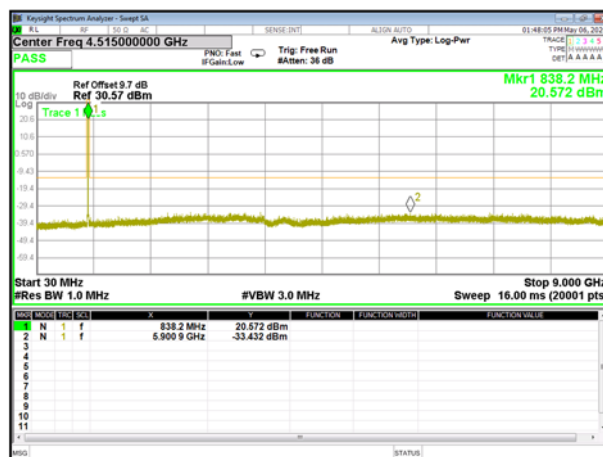
HSUPA B2_Conducted Spurious_Middle



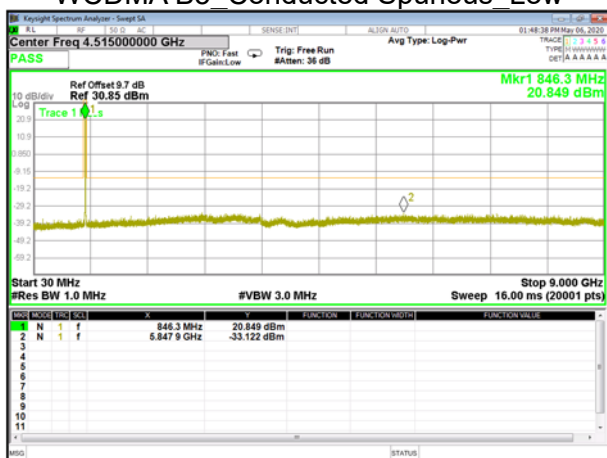
HSUPA B2_Conducted Spurious_High



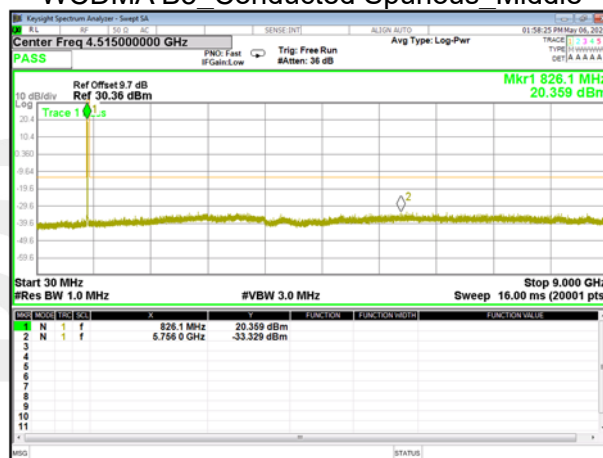
WCDMA B5_Conducted Spurious_Low



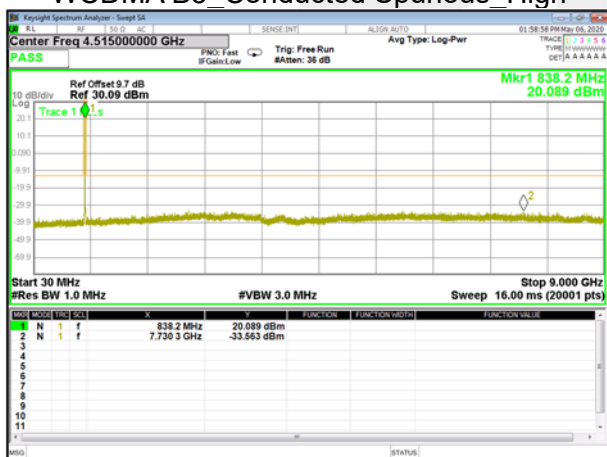
WCDMA B5_Conducted Spurious_Middle



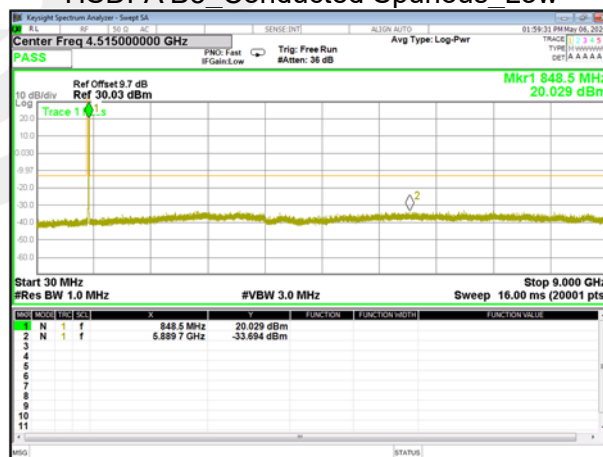
WCDMA B5_Conducted Spurious_High



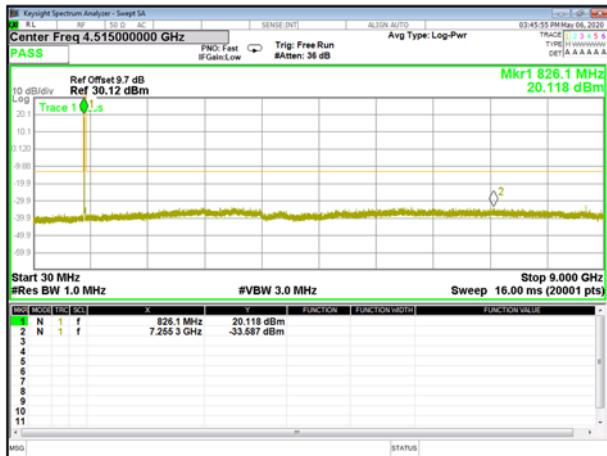
HSDPA B5_Conducted Spurious_Low



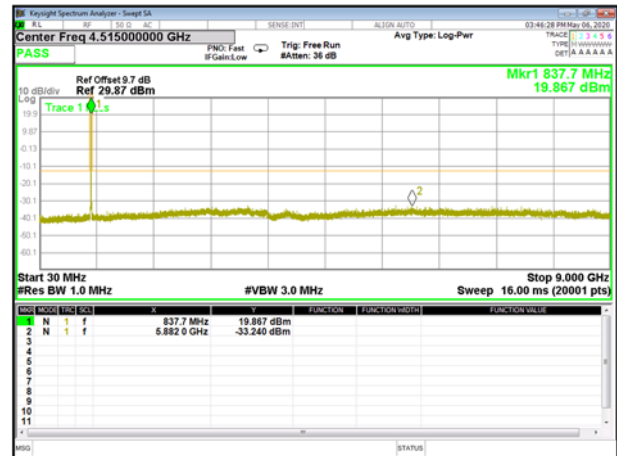
HSDPA B5_Conducted Spurious_Middle



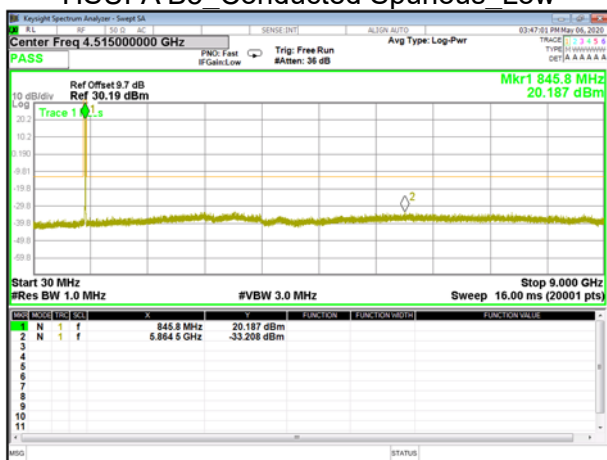
HSDPA B5_Conducted Spurious_High



HSUPA B5_Conducted Spurious_Low



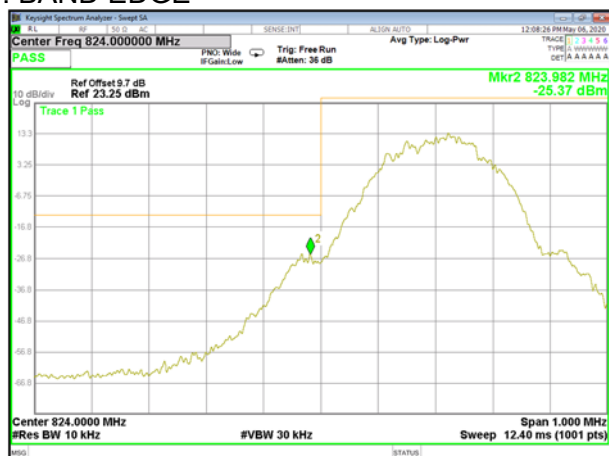
HSUPA B5_Conducted Spurious_Middle



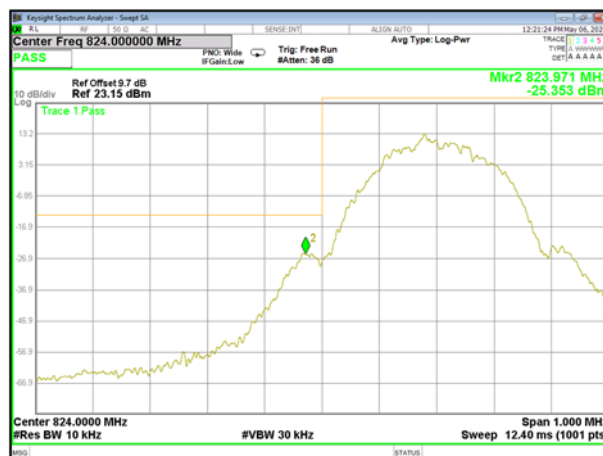
HSUPA B5_Conducted Spurious_High



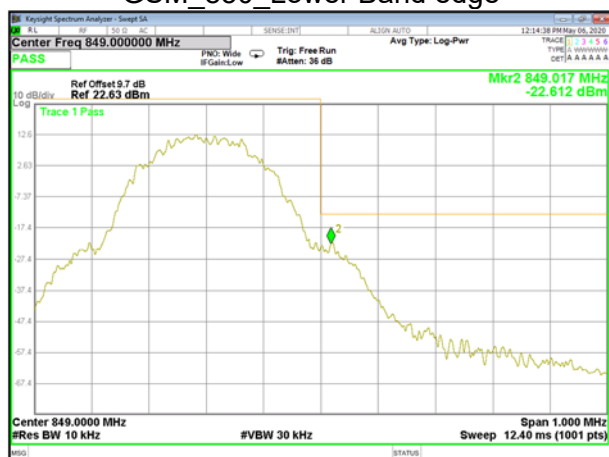
A7. BAND EDGE



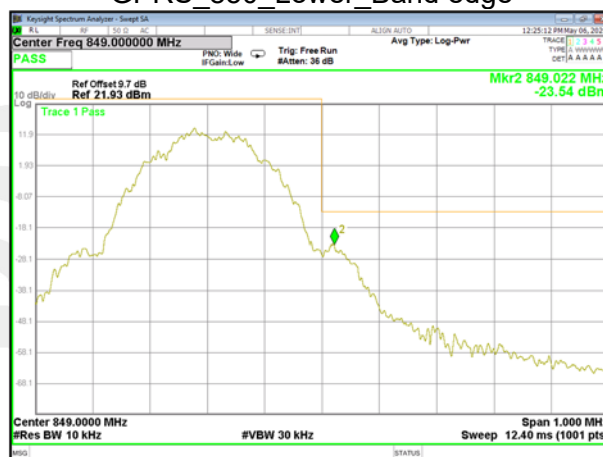
GSM_850_Lower_Band edge



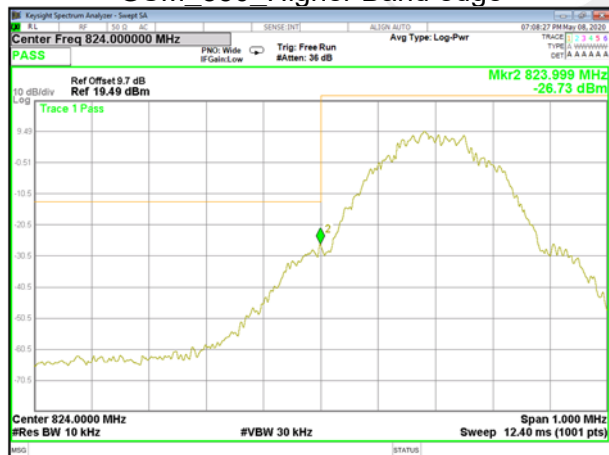
GPRS_850_Lower_Band edge



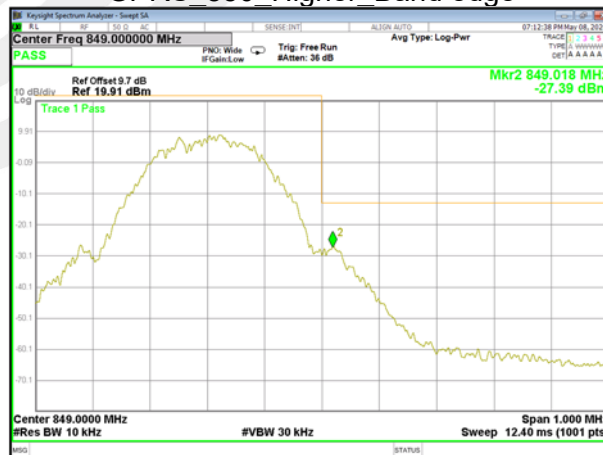
GSM_850_Higher_Band edge



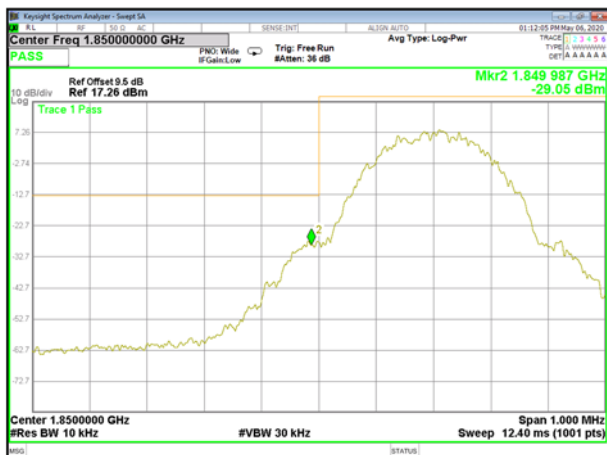
GPRS_850_Higher_Band edge



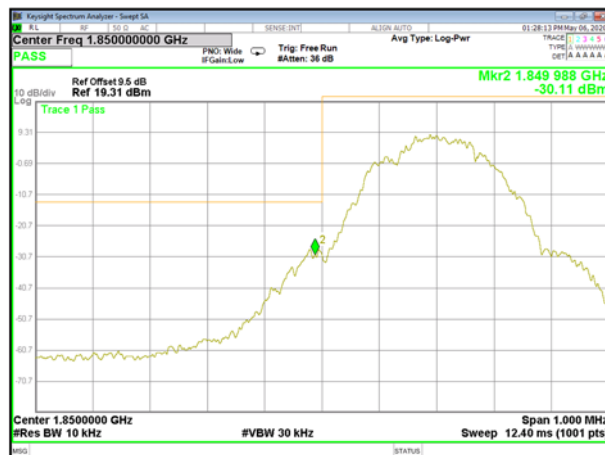
EGPRS_850_Lower_Band edge



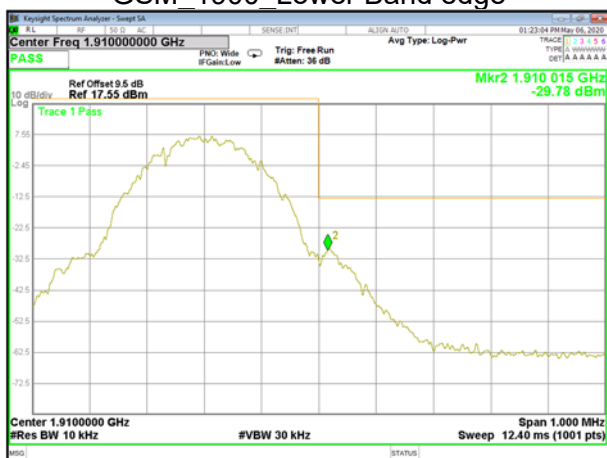
EGPRS_850_Higher_Band edge



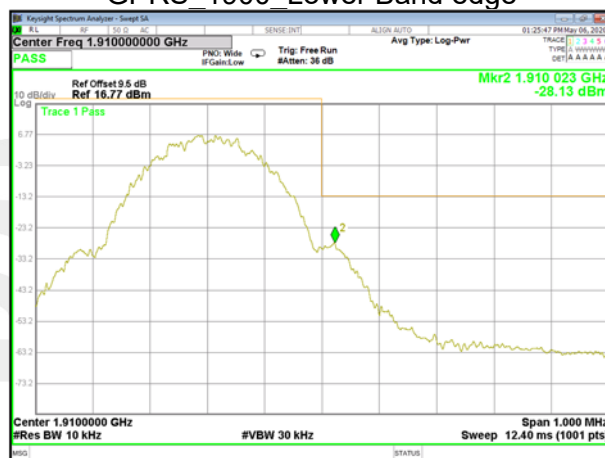
GSM_1900_Lower Band edge



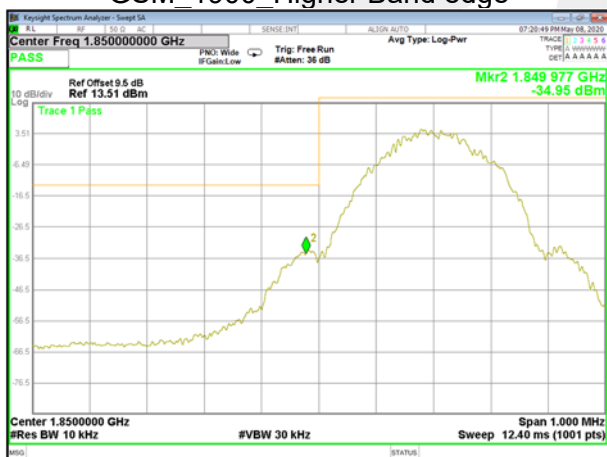
GPRS_1900_Lower Band edge



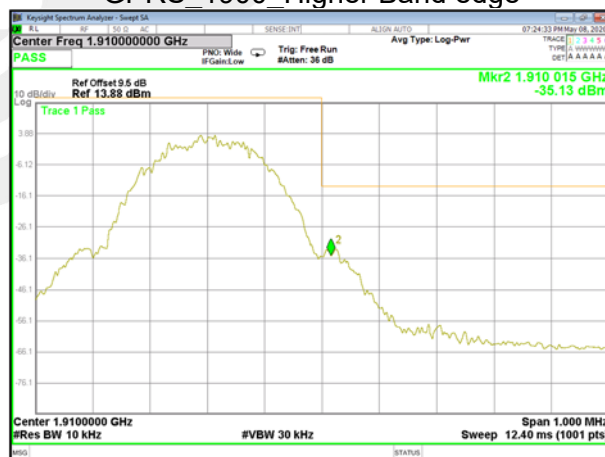
GSM_1900_Higher Band edge



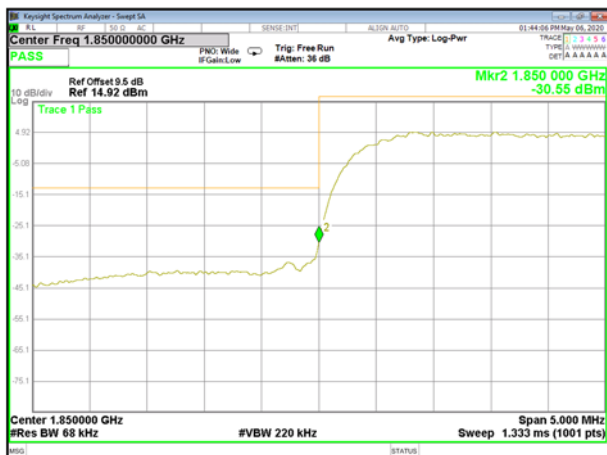
GPRS_1900_Higher Band edge



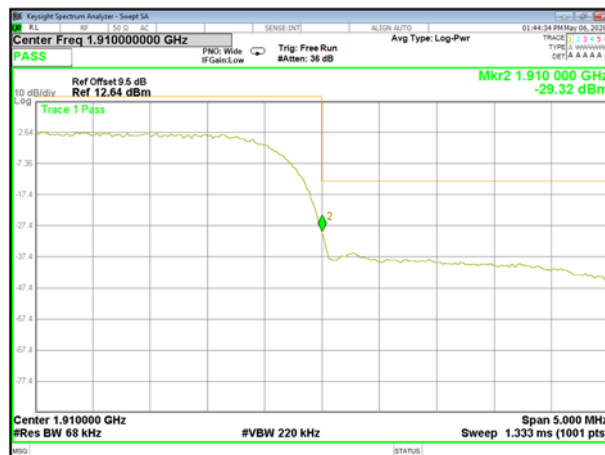
EGPRS_1900_Lower Band edge



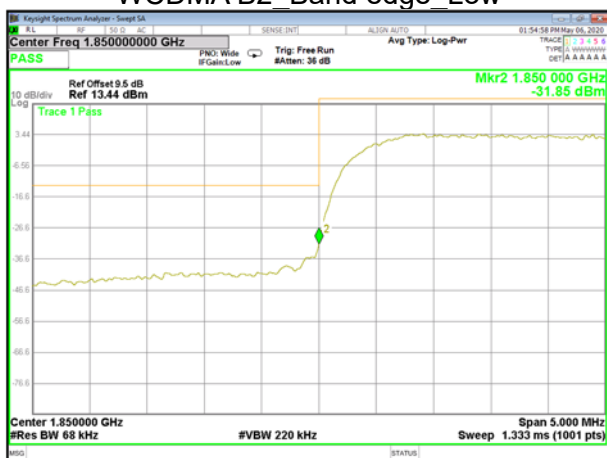
EGPRS_1900_Higher Band edge



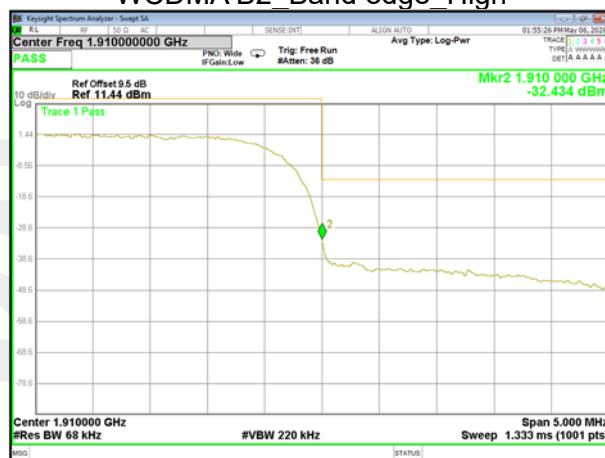
WCDMA B2_Band edge_Low



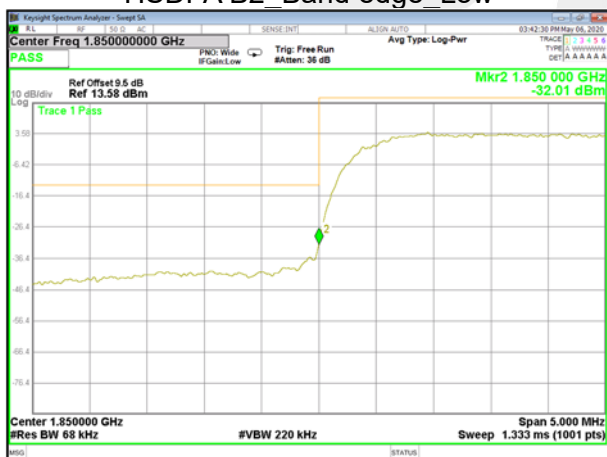
WCDMA B2_Band edge_High



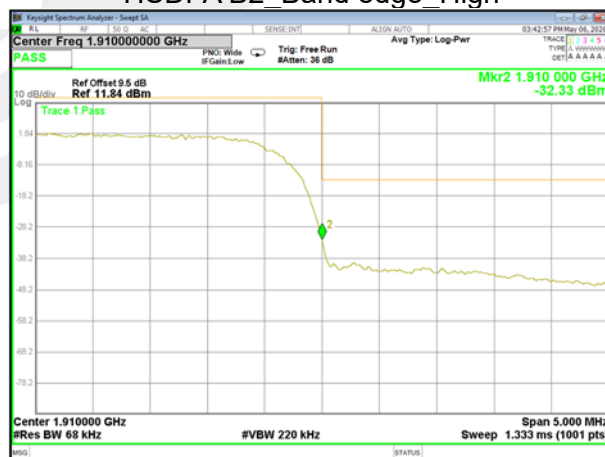
HSDPA B2_Band edge_Low



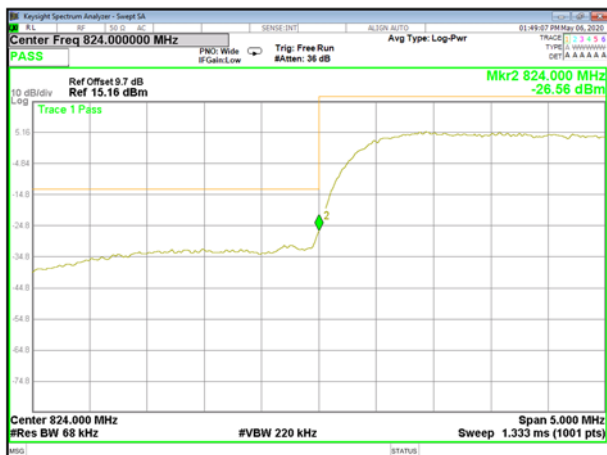
HSDPA B2_Band edge_High



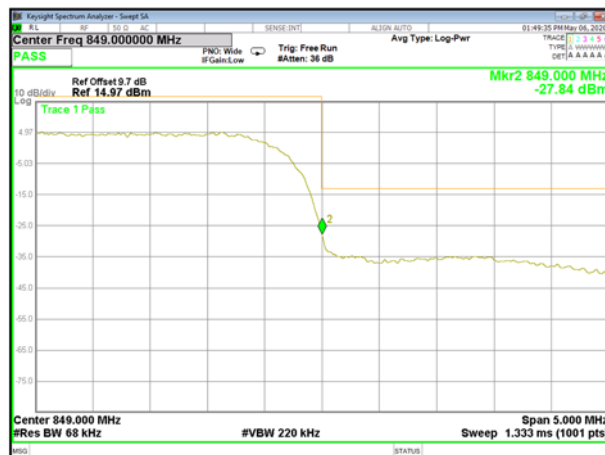
HSUPA B2_Band edge_Low



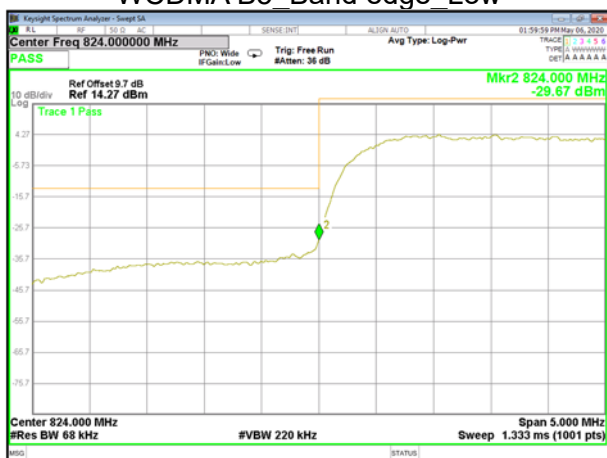
HSUPA B2_Band edge_High



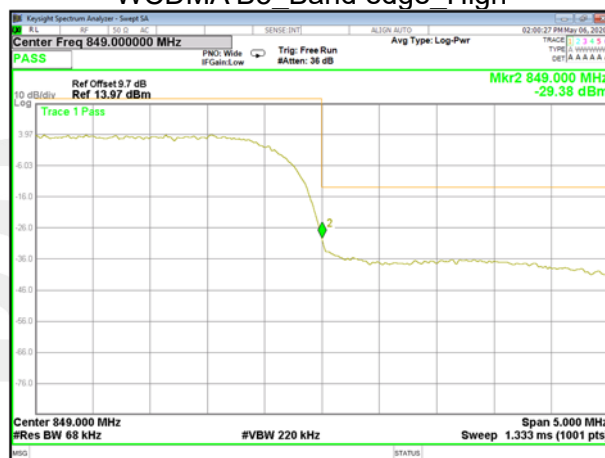
WCDMA B5_Band edge_Low



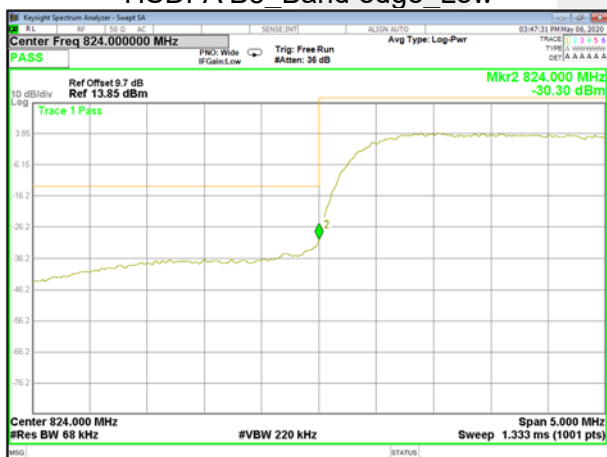
WCDMA B5_Band edge_High



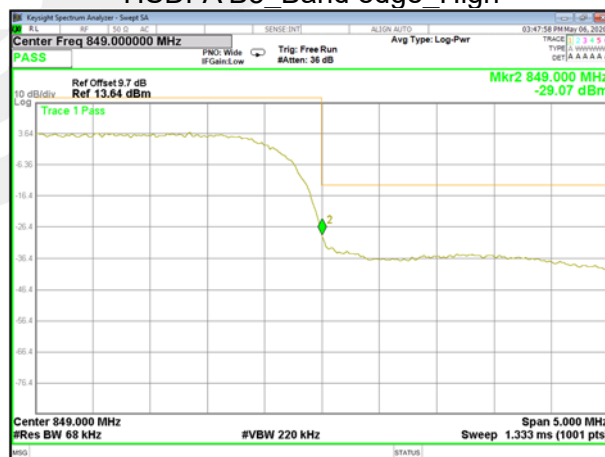
HSDPA B5_Band edge_Low



HSDPA B5_Band edge_High



HSUPA B5_Band edge_Low



HSUPA B5_Band edge_High



A8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Note: (1) Below 30MHz no Spurious found is the worst condition.

(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.

GSM 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.33	-41.40	9.40	4.75	-36.75	-13.00	-23.75	H
2472.47	-39.57	10.60	8.39	-37.36	-13.00	-24.36	H
3296.72	-31.48	12.00	11.79	-31.27	-13.00	-18.27	H
1648.44	-44.58	9.40	4.75	-39.93	-13.00	-26.93	V
2472.39	-44.00	10.60	8.39	-41.79	-13.00	-28.79	V
3296.55	-42.55	12.00	11.79	-42.34	-13.00	-29.34	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.02	-40.14	9.50	4.76	-35.40	-13.00	-22.40	H
2509.60	-40.48	10.70	8.40	-38.18	-13.00	-25.18	H
3346.03	-32.22	12.20	11.80	-31.82	-13.00	-18.82	H
1673.15	-43.23	9.40	4.75	-38.58	-13.00	-25.58	V
2509.82	-44.53	10.60	8.39	-42.32	-13.00	-29.32	V
3346.10	-42.66	12.20	11.82	-42.28	-13.00	-29.28	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.61	-40.76	9.60	4.77	-35.93	-13.00	-22.93	H
2546.51	-39.95	10.80	8.50	-37.65	-13.00	-24.65	H
3395.00	-31.28	12.50	11.90	-30.68	-13.00	-17.68	H
1697.19	-43.37	9.60	4.77	-38.54	-13.00	-25.54	V
2546.15	-44.26	10.80	8.50	-41.96	-13.00	-28.96	V
3395.23	-42.92	12.50	11.90	-42.32	-13.00	-29.32	V



GPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.16	-40.16	9.40	4.75	-35.51	-13.00	-22.51	H
2472.32	-39.83	10.60	8.39	-37.62	-13.00	-24.62	H
3296.59	-30.90	12.00	11.79	-30.69	-13.00	-17.69	H
1648.02	-43.48	9.40	4.75	-38.83	-13.00	-25.83	V
2472.39	-44.52	10.60	8.39	-42.31	-13.00	-29.31	V
3296.46	-43.31	12.00	11.79	-43.10	-13.00	-30.10	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.15	-41.05	9.50	4.76	-36.31	-13.00	-23.31	H
2509.50	-39.97	10.70	8.40	-37.67	-13.00	-24.67	H
3346.37	-31.10	12.20	11.80	-30.70	-13.00	-17.70	H
1672.92	-43.21	9.40	4.75	-38.56	-13.00	-25.56	V
2509.63	-45.15	10.60	8.39	-42.94	-13.00	-29.94	V
3346.10	-43.15	12.20	11.82	-42.77	-13.00	-29.77	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.40	-41.43	9.60	4.77	-36.60	-13.00	-23.60	H
2546.15	-39.67	10.80	8.50	-37.37	-13.00	-24.37	H
3395.05	-32.10	12.50	11.90	-31.50	-13.00	-18.50	H
1697.19	-44.07	9.60	4.77	-39.24	-13.00	-26.24	V
2546.44	-45.31	10.80	8.50	-43.01	-13.00	-30.01	V
3395.32	-43.58	12.50	11.90	-42.98	-13.00	-29.98	V



EGPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.47	-41.21	9.40	4.75	-36.56	-13.00	-23.56	H
2472.56	-39.50	10.60	8.39	-37.29	-13.00	-24.29	H
3296.88	-31.13	12.00	11.79	-30.92	-13.00	-17.92	H
1648.10	-44.40	9.40	4.75	-39.75	-13.00	-26.75	V
2472.22	-45.02	10.60	8.39	-42.81	-13.00	-29.81	V
3296.82	-43.89	12.00	11.79	-43.68	-13.00	-30.68	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.90	-40.90	9.50	4.76	-36.16	-13.00	-23.16	H
2509.84	-40.50	10.70	8.40	-38.20	-13.00	-25.20	H
3346.35	-31.50	12.20	11.80	-31.10	-13.00	-18.10	H
1673.23	-44.51	9.40	4.75	-39.86	-13.00	-26.86	V
2509.91	-44.72	10.60	8.39	-42.51	-13.00	-29.51	V
3346.20	-43.68	12.20	11.82	-43.30	-13.00	-30.30	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.63	-41.05	9.60	4.77	-36.22	-13.00	-23.22	H
2546.50	-40.08	10.80	8.50	-37.78	-13.00	-24.78	H
3394.95	-31.93	12.50	11.90	-31.33	-13.00	-18.33	H
1697.47	-43.26	9.60	4.77	-38.43	-13.00	-25.43	V
2546.10	-44.93	10.80	8.50	-42.63	-13.00	-29.63	V
3395.16	-42.55	12.50	11.90	-41.95	-13.00	-28.95	V



DCS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.41	-34.37	12.60	12.93	-34.70	-13.00	-21.70	H
5550.28	-35.34	13.10	17.11	-39.35	-13.00	-26.35	H
7400.72	-33.49	11.50	22.20	-44.19	-13.00	-31.19	H
3700.28	-35.36	12.60	12.93	-35.69	-13.00	-22.69	V
5550.70	-34.73	13.10	17.11	-38.74	-13.00	-25.74	V
7400.88	-33.08	11.50	22.20	-43.78	-13.00	-30.78	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.77	-33.78	12.60	12.93	-34.11	-13.00	-21.11	H
5640.03	-35.35	13.10	17.11	-39.36	-13.00	-26.36	H
7520.06	-33.48	11.50	22.20	-44.18	-13.00	-31.18	H
3760.05	-35.02	12.60	12.93	-35.35	-13.00	-22.35	V
5640.10	-33.96	13.10	17.11	-37.97	-13.00	-24.97	V
7519.98	-31.95	11.50	22.20	-42.65	-13.00	-29.65	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.35	-34.49	12.60	12.93	-34.82	-13.00	-21.82	H
5729.38	-34.39	13.10	17.11	-38.40	-13.00	-25.40	H
7639.29	-33.31	11.50	22.20	-44.01	-13.00	-31.01	H
3819.38	-34.61	12.60	12.93	-34.94	-13.00	-21.94	V
5729.09	-33.81	13.10	17.11	-37.82	-13.00	-24.82	V
7639.06	-33.00	11.50	22.20	-43.70	-13.00	-30.70	V



GPRS1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.46	-33.64	12.60	12.93	-33.97	-13.00	-20.97	H
5550.45	-35.04	13.10	17.11	-39.05	-13.00	-26.05	H
7400.73	-32.21	11.50	22.20	-42.91	-13.00	-29.91	H
3700.32	-35.53	12.60	12.93	-35.86	-13.00	-22.86	V
5550.57	-34.54	13.10	17.11	-38.55	-13.00	-25.55	V
7400.99	-31.94	11.50	22.20	-42.64	-13.00	-29.64	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.02	-33.87	12.60	12.93	-34.20	-13.00	-21.20	H
5640.22	-35.41	13.10	17.11	-39.42	-13.00	-26.42	H
7519.85	-32.96	11.50	22.20	-43.66	-13.00	-30.66	H
3760.14	-35.93	12.60	12.93	-36.26	-13.00	-23.26	V
5640.12	-34.66	13.10	17.11	-38.67	-13.00	-25.67	V
7520.03	-31.79	11.50	22.20	-42.49	-13.00	-29.49	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.66	-34.58	12.60	12.93	-34.91	-13.00	-21.91	H
5729.22	-35.44	13.10	17.11	-39.45	-13.00	-26.45	H
7638.89	-33.04	11.50	22.20	-43.74	-13.00	-30.74	H
3819.70	-35.03	12.60	12.93	-35.36	-13.00	-22.36	V
5729.32	-34.94	13.10	17.11	-38.95	-13.00	-25.95	V
7639.06	-31.87	11.50	22.20	-42.57	-13.00	-29.57	V



EGPRS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.33	-34.63	12.60	12.93	-34.96	-13.00	-21.96	H
5550.24	-34.48	13.10	17.11	-38.49	-13.00	-25.49	H
7400.89	-32.39	11.50	22.20	-43.09	-13.00	-30.09	H
3700.49	-35.66	12.60	12.93	-35.99	-13.00	-22.99	V
5550.23	-34.47	13.10	17.11	-38.48	-13.00	-25.48	V
7400.85	-32.74	11.50	22.20	-43.44	-13.00	-30.44	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.03	-33.94	12.60	12.93	-34.27	-13.00	-21.27	H
5640.27	-35.22	13.10	17.11	-39.23	-13.00	-26.23	H
7520.02	-32.71	11.50	22.20	-43.41	-13.00	-30.41	H
3760.33	-35.10	12.60	12.93	-35.43	-13.00	-22.43	V
5639.86	-34.05	13.10	17.11	-38.06	-13.00	-25.06	V
7520.14	-32.73	11.50	22.20	-43.43	-13.00	-30.43	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.57	-33.65	12.60	12.93	-33.98	-13.00	-20.98	H
5729.30	-34.58	13.10	17.11	-38.59	-13.00	-25.59	H
7638.98	-32.48	11.50	22.20	-43.18	-13.00	-30.18	H
3819.69	-34.54	12.60	12.93	-34.87	-13.00	-21.87	V
5729.46	-34.87	13.10	17.11	-38.88	-13.00	-25.88	V
7639.11	-32.87	11.50	22.20	-43.57	-13.00	-30.57	V



WCDMA Band V: (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
1652.29	-40.36	9.40	4.75	-35.71	-13.00	-22.71	H
2479.61	-40.58	10.60	8.39	-38.37	-13.00	-25.37	H
3305.49	-32.22	12.00	11.79	-32.01	-13.00	-19.01	H
1652.26	-43.78	9.40	4.75	-39.13	-13.00	-26.13	V
2479.39	-44.78	10.60	8.39	-42.57	-13.00	-29.57	V
3305.82	-43.78	12.00	11.79	-43.57	-13.00	-30.57	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
1672.85	-41.02	9.40	4.75	-36.37	-13.00	-23.37	H
2509.55	-39.47	10.60	8.39	-37.26	-13.00	-24.26	H
3346.23	-31.07	12.00	11.79	-30.86	-13.00	-17.86	H
1672.81	-43.67	9.40	4.75	-39.02	-13.00	-26.02	V
2509.58	-44.93	10.60	8.39	-42.72	-13.00	-29.72	V
3346.32	-43.92	12.00	11.79	-43.71	-13.00	-30.71	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
1693.64	-40.83	9.40	4.75	-36.18	-13.00	-23.18	H
2539.43	-40.21	10.60	8.39	-38.00	-13.00	-25.00	H
3386.02	-31.37	12.00	11.79	-31.16	-13.00	-18.16	H
1693.50	-43.20	9.40	4.75	-38.55	-13.00	-25.55	V
2539.30	-44.64	10.60	8.39	-42.43	-13.00	-29.43	V
3386.09	-42.90	12.00	11.79	-42.69	-13.00	-29.69	V



HSUPA Band V: (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
1652.04	-40.19	9.40	4.75	-35.54	-13.00	-22.54	H
2479.49	-40.36	10.60	8.39	-38.15	-13.00	-25.15	H
3305.91	-31.42	12.00	11.79	-31.21	-13.00	-18.21	H
1652.18	-43.64	9.40	4.75	-38.99	-13.00	-25.99	V
2479.30	-44.03	10.60	8.39	-41.82	-13.00	-28.82	V
3305.63	-43.86	12.00	11.79	-43.65	-13.00	-30.65	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
1673.22	-40.46	9.40	4.75	-35.81	-13.00	-22.81	H
2509.70	-39.48	10.60	8.39	-37.27	-13.00	-24.27	H
3346.40	-31.40	12.00	11.79	-31.19	-13.00	-18.19	H
1673.02	-43.50	9.40	4.75	-38.85	-13.00	-25.85	V
2509.90	-44.92	10.60	8.39	-42.71	-13.00	-29.71	V
3346.07	-43.34	12.00	11.79	-43.13	-13.00	-30.13	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	-41.23	9.40	4.75	-36.58	-13.00	-23.58	H
2539.55	-39.73	10.60	8.39	-37.52	-13.00	-24.52	H
3386.21	-31.04	12.00	11.79	-30.83	-13.00	-17.83	H
1693.65	-43.69	9.40	4.75	-39.04	-13.00	-26.04	V
2539.32	-44.31	10.60	8.39	-42.10	-13.00	-29.10	V
3386.17	-43.94	12.00	11.79	-43.73	-13.00	-30.73	V



HSDPA Band V: (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
1652.01	-40.91	9.40	4.75	-36.26	-13.00	-23.26	H
2479.52	-40.38	10.60	8.39	-38.17	-13.00	-25.17	H
3305.77	-31.39	12.00	11.79	-31.18	-13.00	-18.18	H
1652.12	-43.17	9.40	4.75	-38.52	-13.00	-25.52	V
2479.46	-44.16	10.60	8.39	-41.95	-13.00	-28.95	V
3305.80	-42.72	12.00	11.79	-42.51	-13.00	-29.51	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
1673.07	-40.62	9.40	4.75	-35.97	-13.00	-22.97	H
2509.92	-40.51	10.60	8.39	-38.30	-13.00	-25.30	H
3346.34	-30.88	12.00	11.79	-30.67	-13.00	-17.67	H
1673.26	-43.43	9.40	4.75	-38.78	-13.00	-25.78	V
2509.49	-44.71	10.60	8.39	-42.50	-13.00	-29.50	V
3346.22	-43.57	12.00	11.79	-43.36	-13.00	-30.36	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
1693.63	-40.60	9.40	4.75	-35.95	-13.00	-22.95	H
2539.35	-40.44	10.60	8.39	-38.23	-13.00	-25.23	H
3386.16	-31.05	12.00	11.79	-30.84	-13.00	-17.84	H
1693.61	-43.58	9.40	4.75	-38.93	-13.00	-25.93	V
2539.16	-43.98	10.60	8.39	-41.77	-13.00	-28.77	V
3385.87	-43.92	12.00	11.79	-43.71	-13.00	-30.71	V



WCDMA Band II: (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
3704.01	-34.28	12.60	12.93	-34.61	-13.00	-21.61	H
5557.34	-34.29	13.10	17.11	-38.30	-13.00	-25.30	H
7409.94	-32.55	11.50	22.20	-43.25	-13.00	-30.25	H
3704.12	-34.67	12.60	12.93	-35.00	-13.00	-22.00	V
5557.58	-34.20	13.10	17.11	-38.21	-13.00	-25.21	V
7409.54	-33.12	11.50	22.20	-43.82	-13.00	-30.82	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
3759.77	-33.51	12.60	12.93	-33.84	-13.00	-20.84	H
5640.22	-35.44	13.10	17.11	-39.45	-13.00	-26.45	H
7520.08	-32.56	11.50	22.20	-43.26	-13.00	-30.26	H
3760.09	-35.86	12.60	12.93	-36.19	-13.00	-23.19	V
5640.22	-34.01	13.10	17.11	-38.02	-13.00	-25.02	V
7519.83	-32.57	11.50	22.20	-43.27	-13.00	-30.27	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
3815.63	-34.15	12.60	12.93	-34.48	-13.00	-21.48	H
5722.42	-34.53	13.10	17.11	-38.54	-13.00	-25.54	H
7630.07	-32.31	11.50	22.20	-43.01	-13.00	-30.01	H
3815.73	-35.39	12.60	12.93	-35.72	-13.00	-22.72	V
5722.26	-33.84	13.10	17.11	-37.85	-13.00	-24.85	V
7630.21	-32.32	11.50	22.20	-43.02	-13.00	-30.02	V



HSUPA Band II: (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
3704.00	-34.72	12.60	12.93	-35.05	-13.00	-22.05	H
5557.56	-35.25	13.10	17.11	-39.26	-13.00	-26.26	H
7409.50	-33.33	11.50	22.20	-44.03	-13.00	-31.03	H
3704.34	-34.68	12.60	12.93	-35.01	-13.00	-22.01	V
5557.23	-34.09	13.10	17.11	-38.10	-13.00	-25.10	V
7409.73	-32.41	11.50	22.20	-43.11	-13.00	-30.11	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
3760.17	-33.72	12.60	12.93	-34.05	-13.00	-21.05	H
5639.92	-34.34	13.10	17.11	-38.35	-13.00	-25.35	H
7520.09	-32.66	11.50	22.20	-43.36	-13.00	-30.36	H
3759.99	-35.06	12.60	12.93	-35.39	-13.00	-22.39	V
5640.01	-35.24	13.10	17.11	-39.25	-13.00	-26.25	V
7519.86	-33.16	11.50	22.20	-43.86	-13.00	-30.86	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
3815.47	-34.48	12.60	12.93	-34.81	-13.00	-21.81	H
5722.14	-34.05	13.10	17.11	-38.06	-13.00	-25.06	H
7629.87	-32.34	11.50	22.20	-43.04	-13.00	-30.04	H
3815.51	-35.84	12.60	12.93	-36.17	-13.00	-23.17	V
5722.21	-33.95	13.10	17.11	-37.96	-13.00	-24.96	V
7630.04	-32.01	11.50	22.20	-42.71	-13.00	-29.71	V



HSDPA Band II: (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
3704.19	-34.07	12.60	12.93	-34.40	-13.00	-21.40	H
5557.47	-34.11	13.10	17.11	-38.12	-13.00	-25.12	H
7409.70	-32.17	11.50	22.20	-42.87	-13.00	-29.87	H
3704.29	-34.98	12.60	12.93	-35.31	-13.00	-22.31	V
5557.34	-33.84	13.10	17.11	-37.85	-13.00	-24.85	V
7409.64	-33.06	11.50	22.20	-43.76	-13.00	-30.76	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
3760.16	-33.99	12.60	12.93	-34.32	-13.00	-21.32	H
5639.81	-34.59	13.10	17.11	-38.60	-13.00	-25.60	H
7519.91	-32.82	11.50	22.20	-43.52	-13.00	-30.52	H
3759.97	-34.78	12.60	12.93	-35.11	-13.00	-22.11	V
5639.86	-34.78	13.10	17.11	-38.79	-13.00	-25.79	V
7519.92	-33.05	11.50	22.20	-43.75	-13.00	-30.75	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
3815.67	-33.52	12.60	12.93	-33.85	-13.00	-20.85	H
5722.44	-34.37	13.10	17.11	-38.38	-13.00	-25.38	H
7630.32	-33.07	11.50	22.20	-43.77	-13.00	-30.77	H
3815.26	-35.85	12.60	12.93	-36.18	-13.00	-23.18	V
5722.43	-33.94	13.10	17.11	-37.95	-13.00	-24.95	V
7630.14	-32.25	11.50	22.20	-42.95	-13.00	-29.95	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※※※※※

