GSM 1900 / 1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	32.09	0.017	Within Authorized Band	PASS
40		29.88	0.016		
30		31.08	0.017		
20		35.54	0.019		
10		20.77	0.011		
0		28.25	0.015		
-10		12.27	0.007		
-20		29.49	0.016		
-30		15.07	0.008		
25	Maximum Voltage	18.90	0.010		
25	BEP	28.15	0.015		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	34.39	0.018	Within Authorized Band	PASS
40		19.48	0.010		
30		21.19	0.011		
20		32.88	0.017		
10		23.93	0.013		
0		33.74	0.018		
-10		22.02	0.012		
-20		26.15	0.014		
-30		17.02	0.009		
25	Maximum Voltage	18.23	0.010		
25	BEP	15.52	0.008		

EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	16.92	0.009	Within Authorized Band	PASS
40		12.23	0.007		
30		32.45	0.017		
20		36.14	0.019		
10		22.55	0.012		
0		29.33	0.016		
-10		18.07	0.010		
-20		27.49	0.015		
-30		35.06	0.019		
25	Maximum Voltage	24.12	0.013		
25	BEP	25.04	0.013		

UMTS Band II /1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	16.79	0.009	Within Authorized Band	PASS
40		31.73	0.017		
30		36.17	0.019		
20		17.25	0.009		
10		14.70	0.008		
0		16.87	0.009		
-10		15.60	0.008		
-20		33.75	0.018		
-30		20.93	0.011		
25	Maximum Voltage	32.68	0.017		
25	BEP	27.68	0.015		

HSDPA Band II /1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	25.05	0.013	Within Authorized Band	PASS
40		18.18	0.010		
30		25.61	0.014		
20		25.75	0.014		
10		28.98	0.015		
0		25.11	0.013		
-10		20.16	0.011		
-20		19.36	0.010		
-30		26.65	0.014		
25	Maximum Voltage	21.92	0.012		
25	BEP	28.00	0.015		

HSUPA Band II /1880MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	23.08	0.012	Within Authorized Band	PASS
40		12.73	0.007		
30		24.97	0.013		
20		36.46	0.019		
10		14.11	0.008		
0		24.28	0.013		
-10		23.70	0.013		
-20		21.60	0.011		
-30		31.94	0.017		
25	Maximum Voltage	14.43	0.008		
25	BEP	34.37	0.018		

UMTS Band V / 836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	17.95	0.021	2.5ppm	PASS
40		27.00	0.032		
30		11.74	0.014		
20		15.88	0.019		
10		32.49	0.039		
0		33.54	0.040		
-10		15.73	0.019		
-20		18.00	0.022		
-30		17.56	0.021		
25	Maximum Voltage	12.25	0.015		
25	BEP	22.33	0.027		

HSDPA Band V / 836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev.	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	15.07	0.018	2.5ppm	PASS
40		13.56	0.016		
30		12.90	0.015		
20		34.93	0.042		
10		34.42	0.041		
0		25.17	0.030		
-10		14.61	0.017		
-20		27.21	0.033		
-30		35.04	0.042		
25	Maximum Voltage	19.42	0.023		
25	BEP	18.96	0.023		

HSUPA Band V / 836.6MHz					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	22.99	0.027	2.5ppm	PASS
40		21.66	0.026		
30		33.31	0.040		
20		19.99	0.024		
10		20.70	0.025		
0		28.49	0.034		
-10		22.68	0.027		
-20		17.36	0.021		
-30		14.06	0.017		
25	Maximum Voltage	23.32	0.028		
25	BEP	12.69	0.015		

CDMA BC0					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	29.01	0.035	2.5ppm	PASS
40		14.32	0.017		
30		14.29	0.017		
20		23.34	0.028		
10		16.74	0.020		
0		33.43	0.040		
-10		29.41	0.035		
-20		16.08	0.019		
-30		11.72	0.014		
25	Maximum Voltage	26.99	0.032		
25	BEP	34.49	0.041		

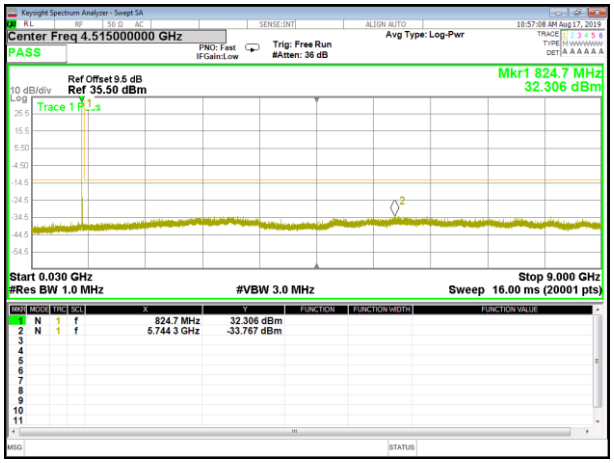
EVDO BC0					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	19.30	0.023	2.5ppm	PASS
40		11.51	0.014		
30		18.77	0.022		
20		28.56	0.034		
10		36.13	0.043		
0		32.72	0.039		
-10		34.77	0.042		
-20		19.87	0.024		
-30		15.27	0.018		
25	Maximum Voltage	20.94	0.025		
25	BEP	22.68	0.027		

CDMA BC1					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	28.37	0.015	Within Authorized Band	PASS
40		28.93	0.015		
30		31.55	0.017		
20		14.25	0.008		
10		17.97	0.010		
0		32.32	0.017		
-10		36.33	0.019		
-20		17.64	0.009		
-30		15.01	0.008		
25	Maximum Voltage	13.53	0.007		
25	BEP	12.04	0.006		

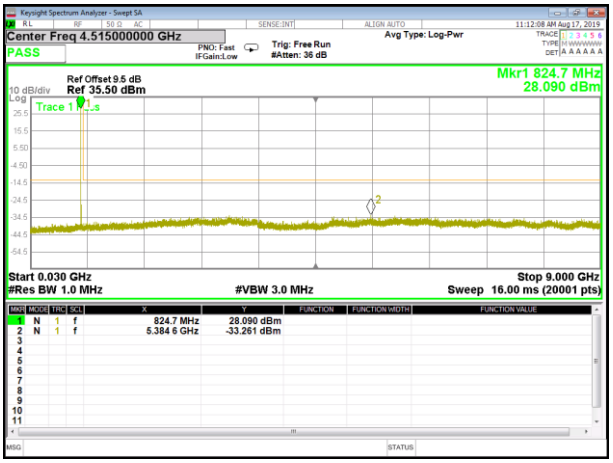
EVDO BC1					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	17.28	0.009	Within Authorized Band	PASS
40		32.46	0.017		
30		12.20	0.006		
20		15.23	0.008		
10		34.23	0.018		
0		34.61	0.018		
-10		13.31	0.007		
-20		26.81	0.014		
-30		15.09	0.008		
25	Maximum Voltage	33.78	0.018		
25	BEP	26.82	0.014		

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

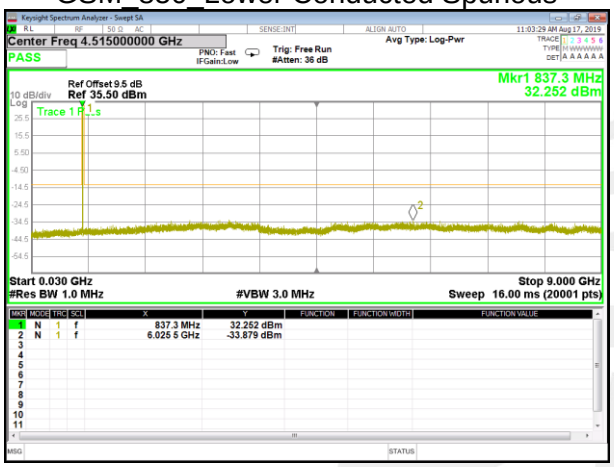
A6. SPURIOUS EMISSIONS AT ANTENNA TERMINALS



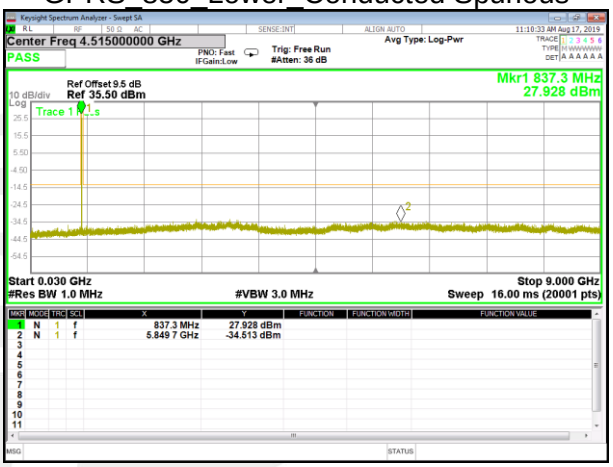
GSM_850_Lower Conducted Spurious



GPRS_850_Lower_Conducted Spurious



GSM_850_Middle Conducted Spurious



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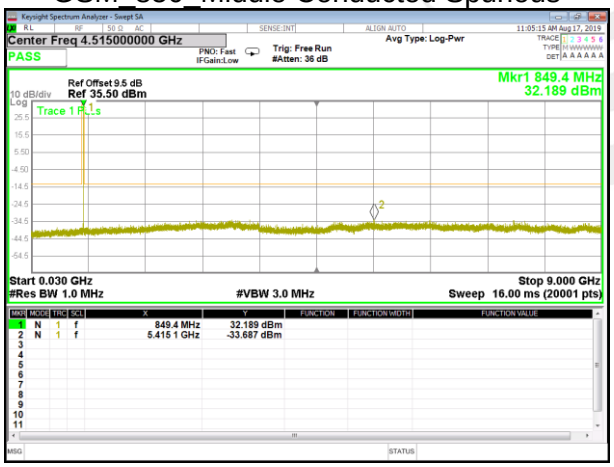
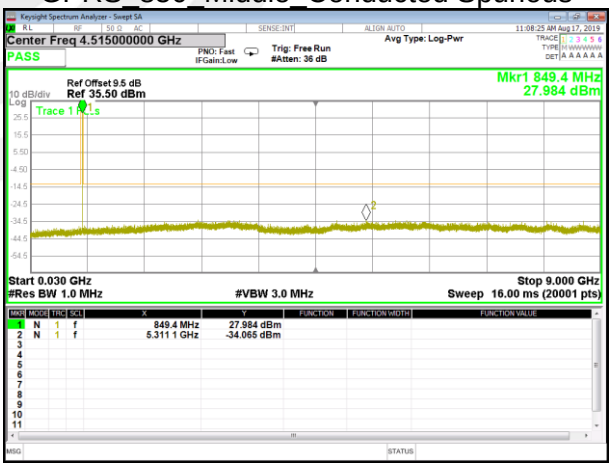
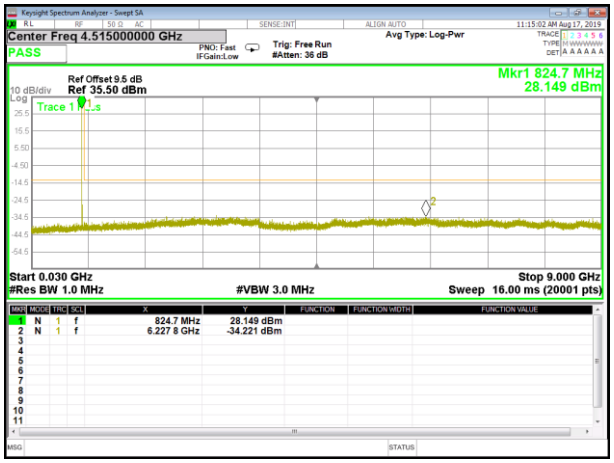


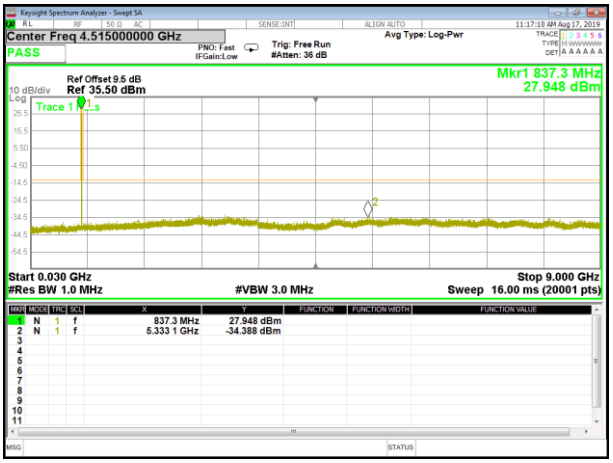
GSM_850_Higher Conducted Spurious



GPRS_850_Higher_Conducted Spurious



EGPRS_850_Lower_Conducted Spurious



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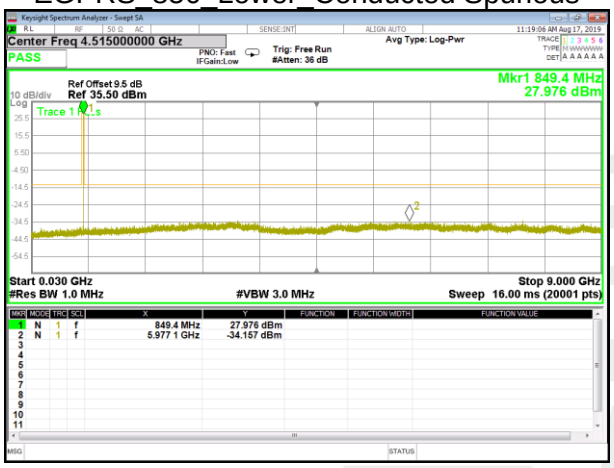
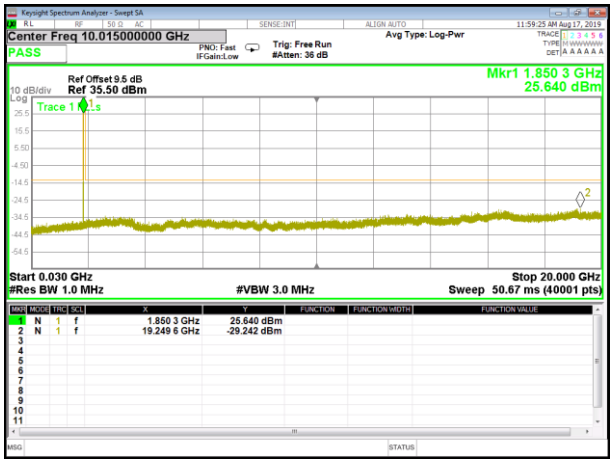
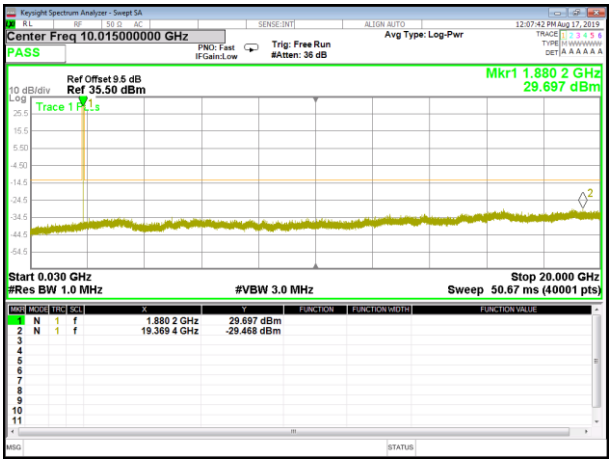


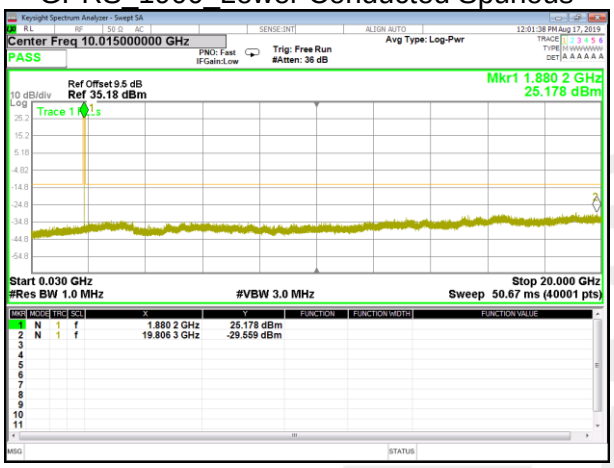
EGPRS_850_Higher_Conducted Spurious



GPRS_1900_Lower Conducted Spurious



GSM_1900_Middle Conducted Spurious



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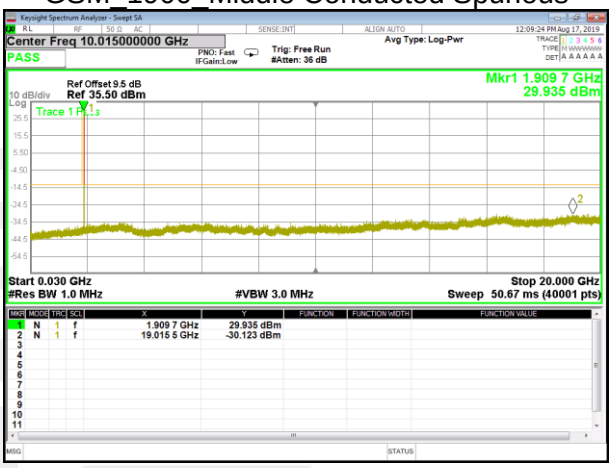
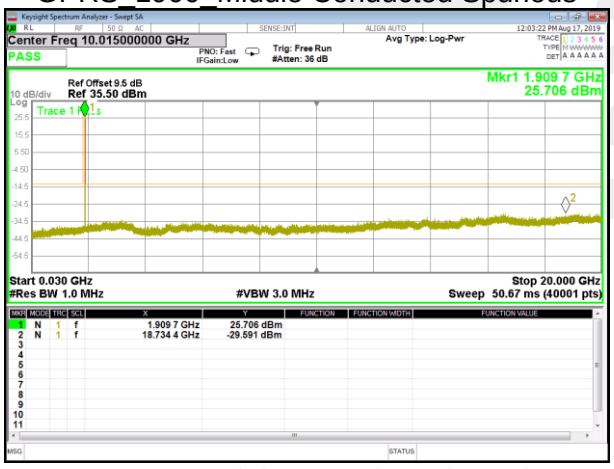
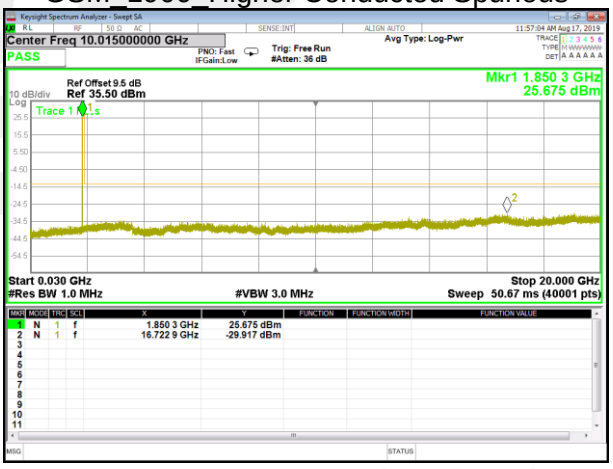


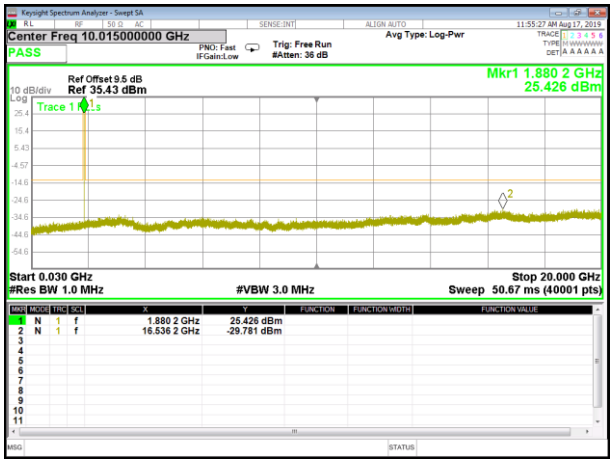
GSM_1900_Higher Conducted Spurious



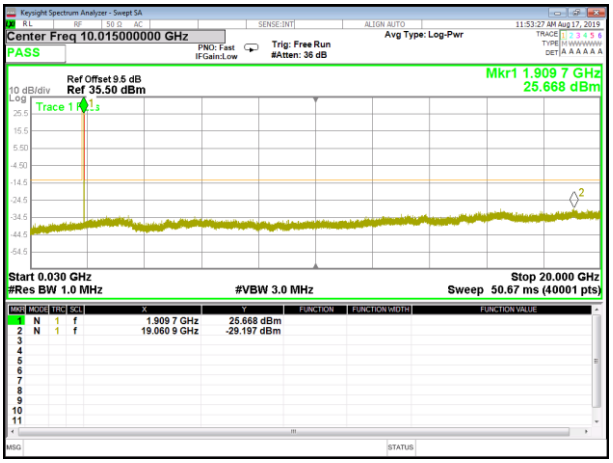
GPRS_1900_Higher Conducted Spurious



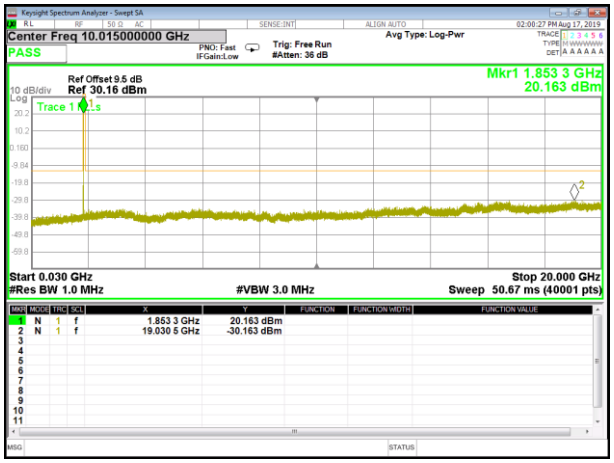
EGPRS_1900_Lower Conducted Spurious



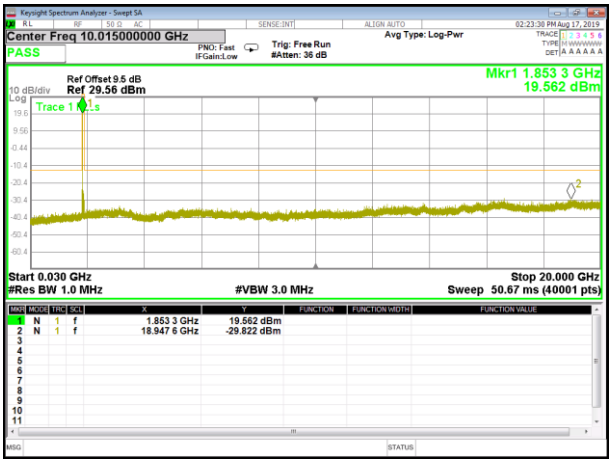
EGPRS_1900_Middle Conducted Spurious



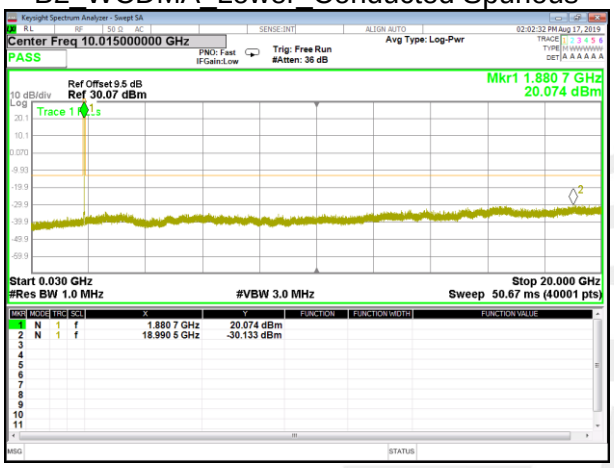
EGPRS_1900_Higher Conducted Spurious



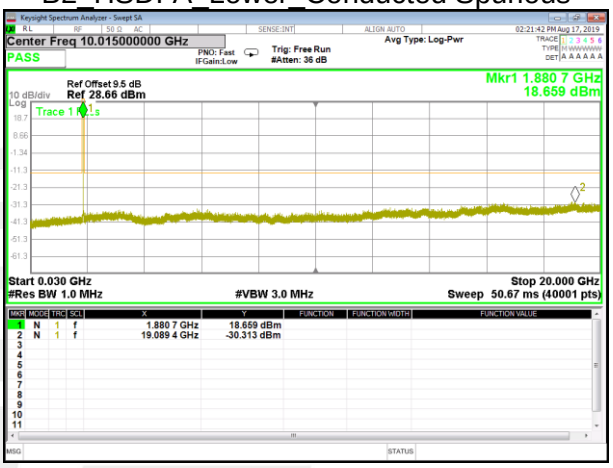
B2_WCDMA_Lower_Conducted Spurious



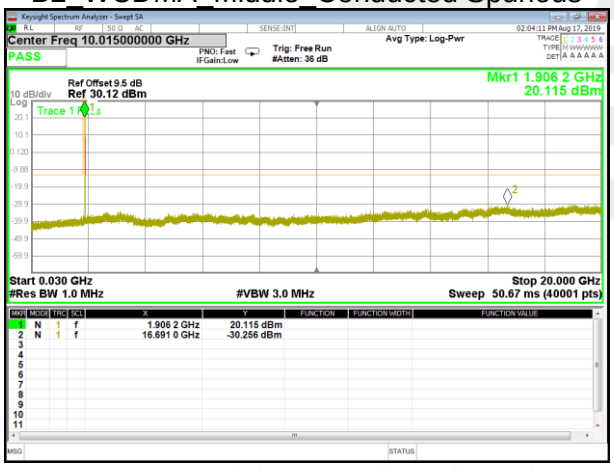
B2_HSDPA_Lower_Conducted Spurious



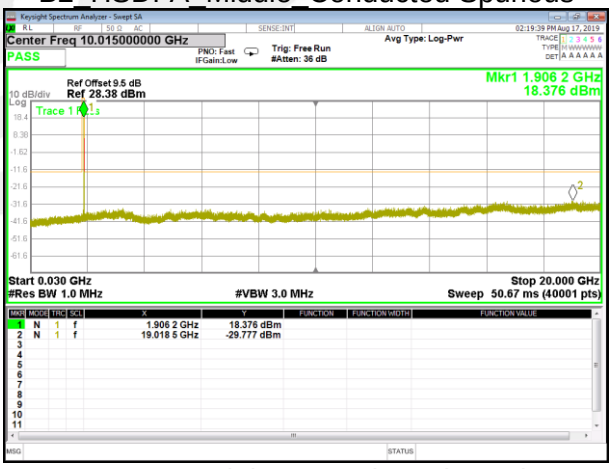
B2_WCDMA_Middle_Conducted Spurious



B2_HSDPA_Middle_Conducted Spurious



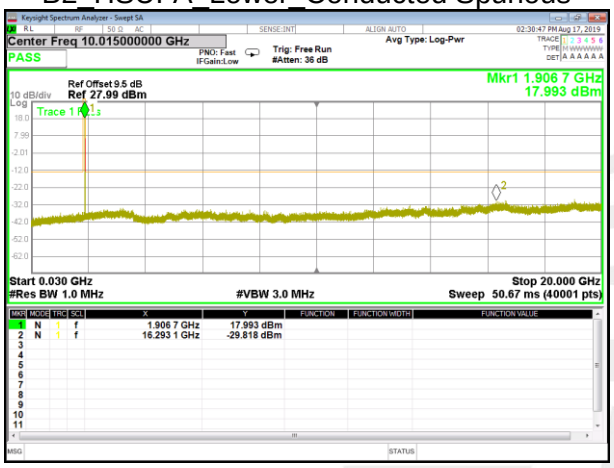
B2_WCDMA_Higher_Conducted Spurious



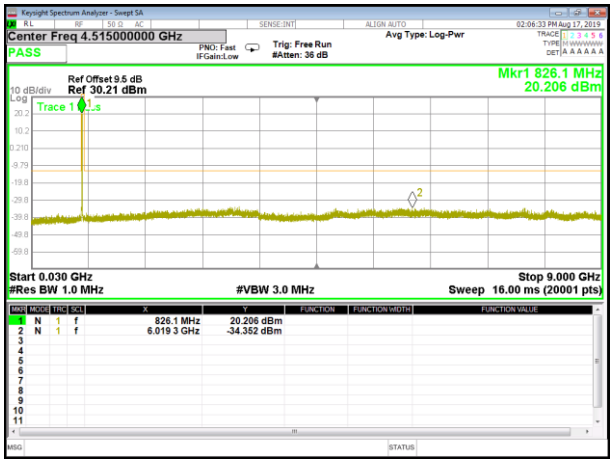
B2_HSDPA_Higher_Conducted Spurious

B2_HSUPA_Lower_Conducted Spurious

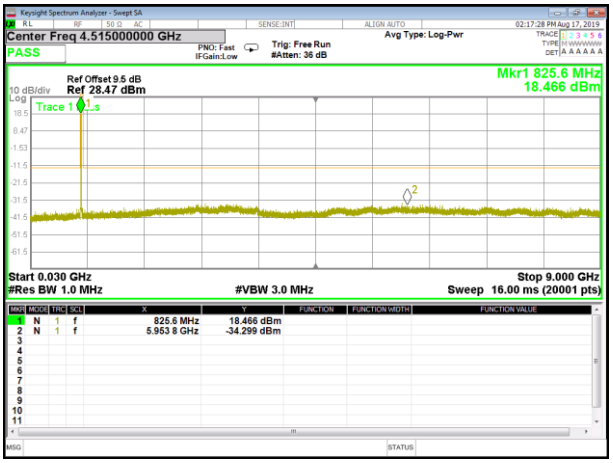
B2_HSUPA_Middle_Conducted Spurious



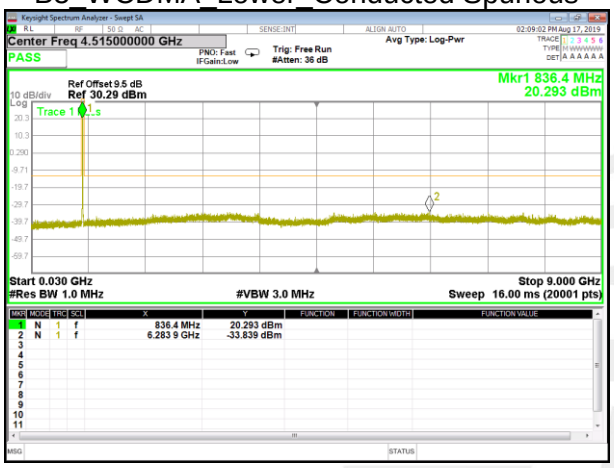
B2_HSUPA_Higher_Conducted Spurious



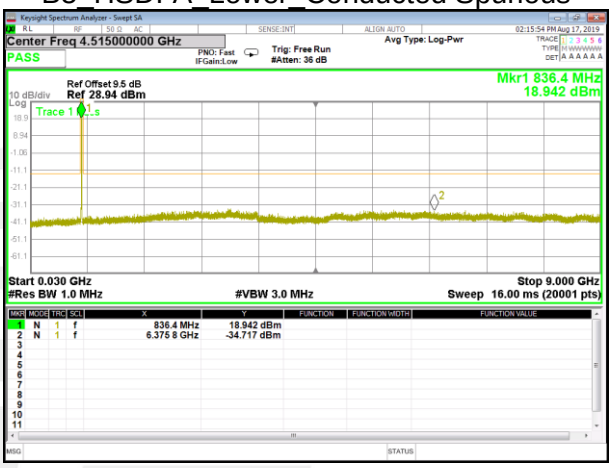
B5_WCDMA_Lower_Conducted Spurious



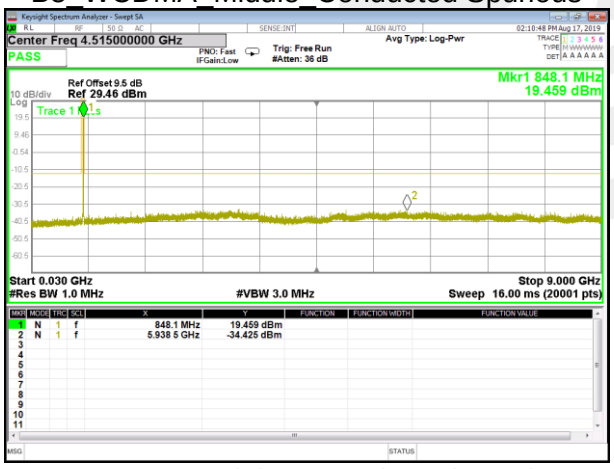
B5_HSDPA_Lower_Conducted Spurious



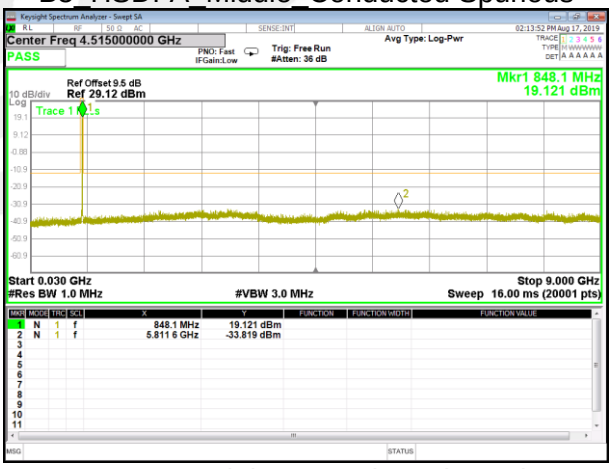
B5_WCDMA_Middle_Conducted Spurious



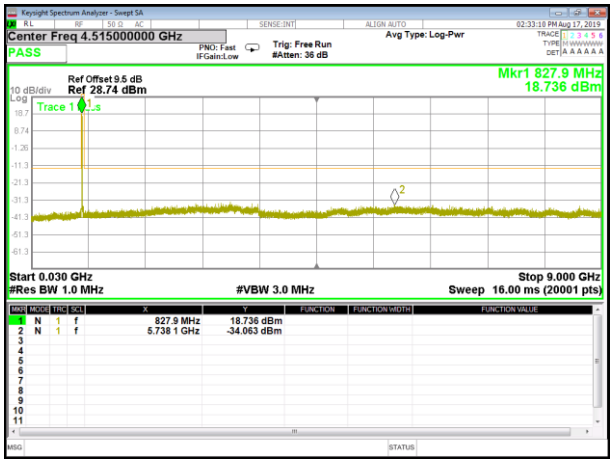
B5_HSDPA_Middle_Conducted Spurious



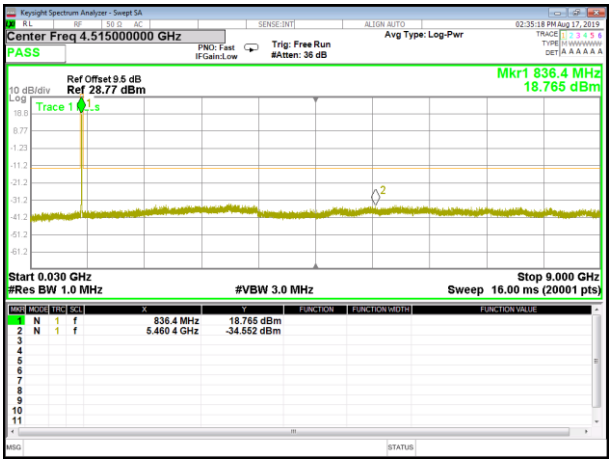
B5_WCDMA_Higher_Conducted Spurious



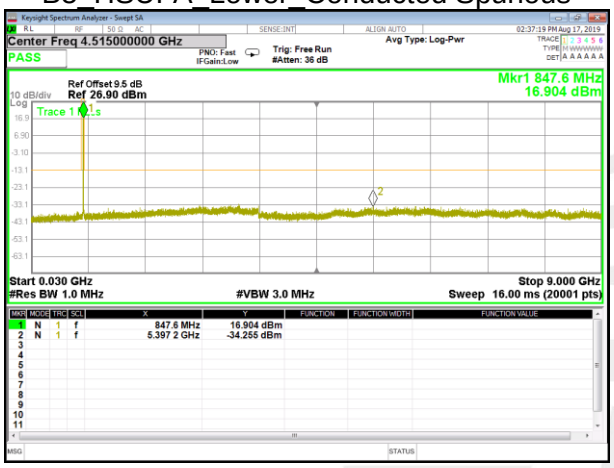
B5_HSDPA_Higher_Conducted Spurious



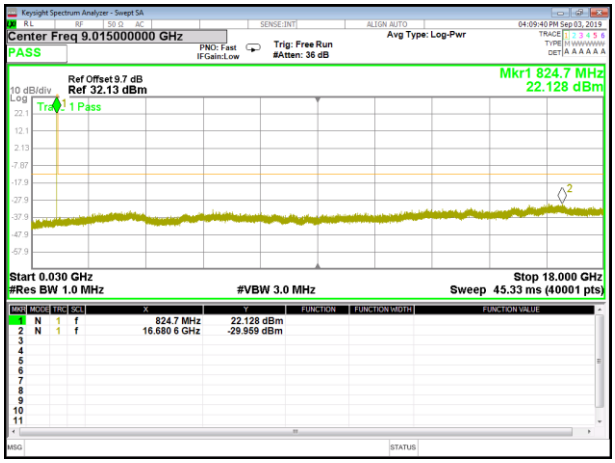
B5_HSUPA_Lower_Conducted Spurious



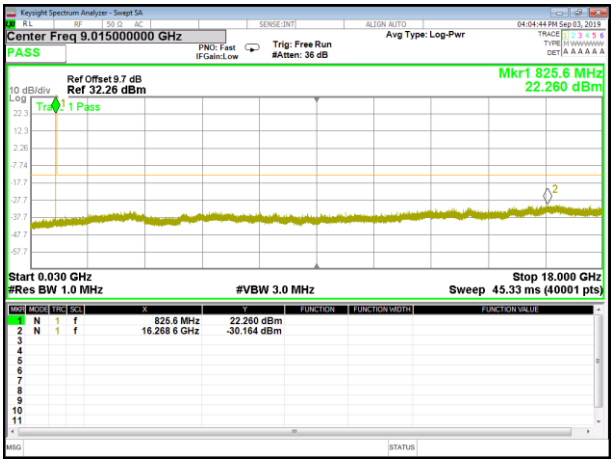
B5_HSUPA_Middle_Conducted Spurious



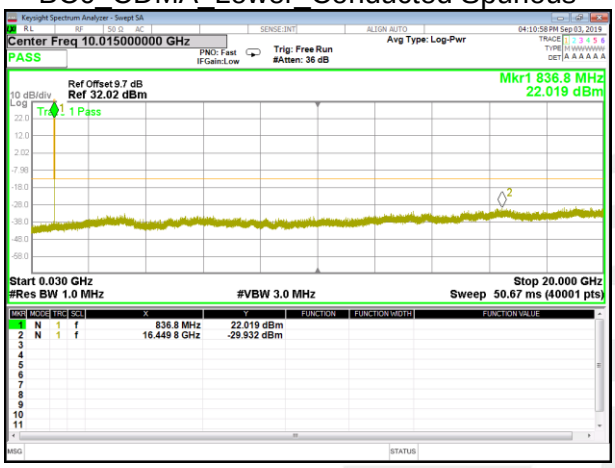
B5_HSUPA_Higher_Conducted Spurious



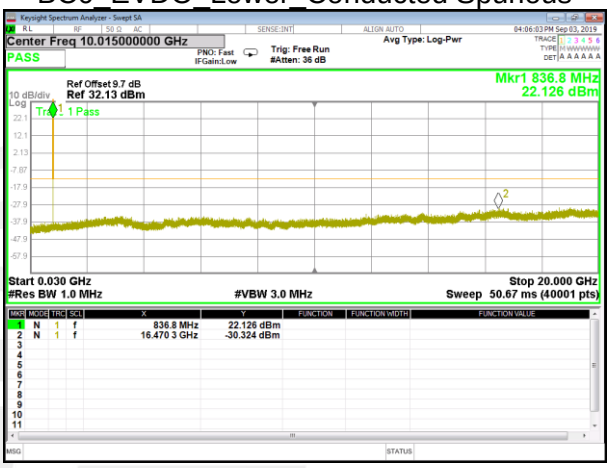
BC0_CDMA_Lower_Conducted Spurious



BC0_EVDO_Lower_Conducted Spurious



BC0_CDMA_Middle_Conducted Spurious



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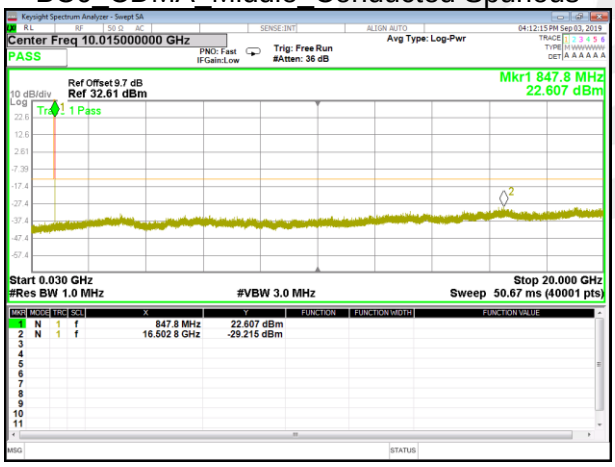
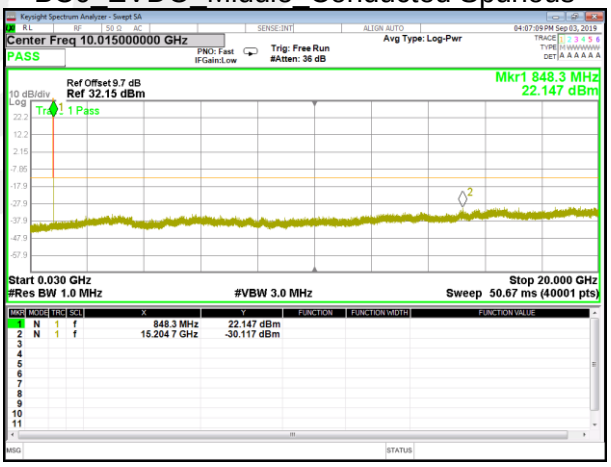


BC0_CDMA_Higher_Conducted Spurious



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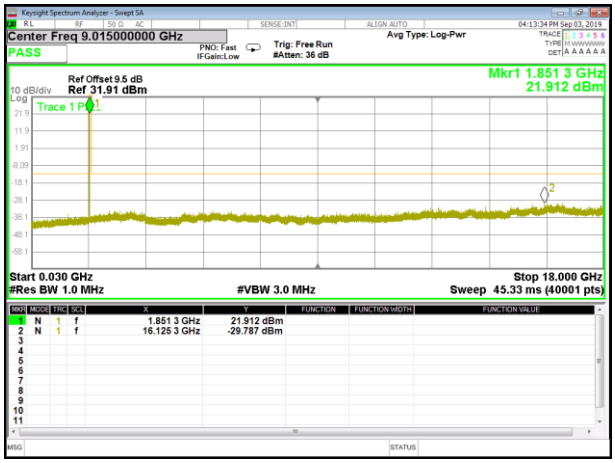
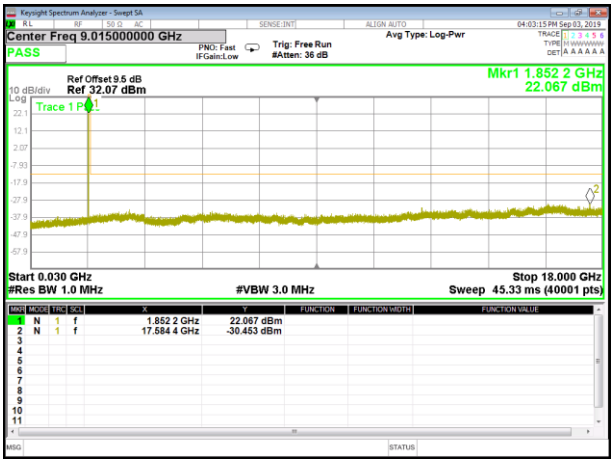
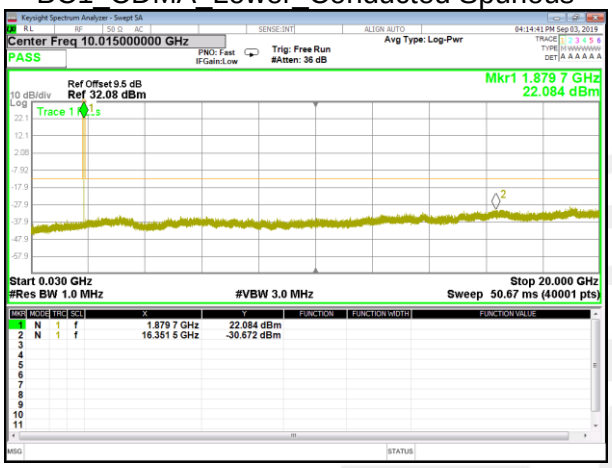


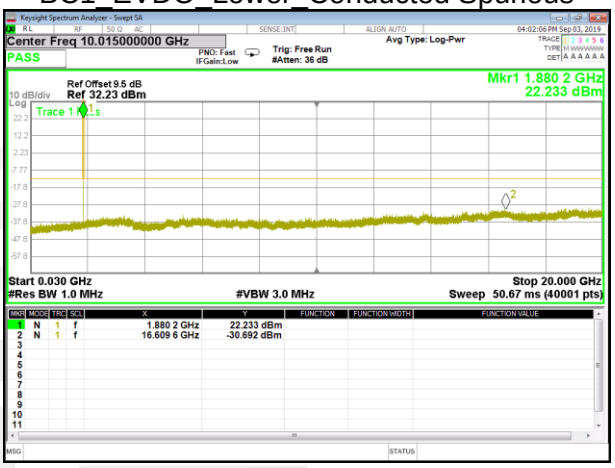
BC1_CDMA_Lower_Conducted Spurious



BC1_EVDO_Lower_Conducted Spurious



BC1_CDMA_Middle_Conducted Spurious



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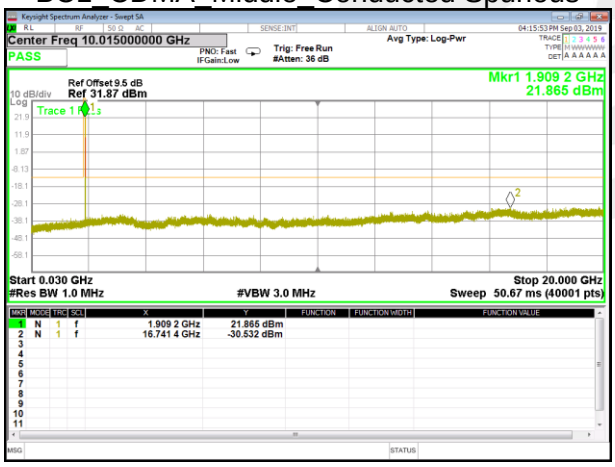
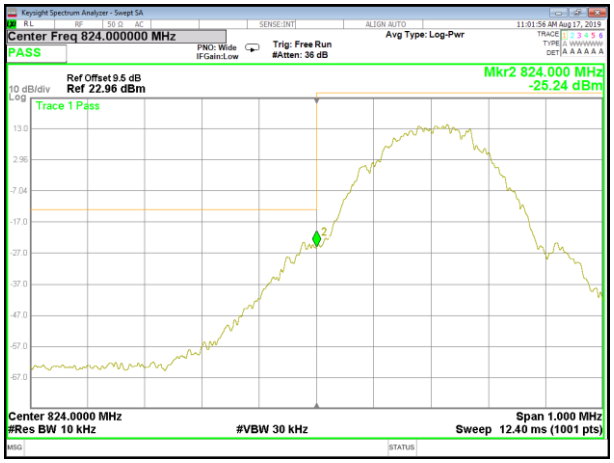


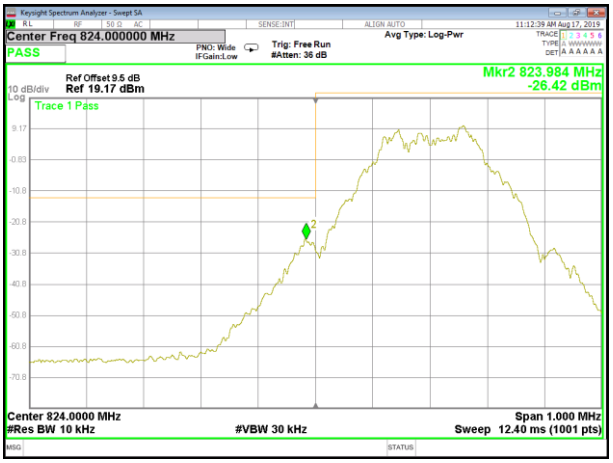
BC1_CDMA_Higher_Conducted Spurious

BC1_EVDO_Higher_Conducted Spurious

A7. BAND EDGE

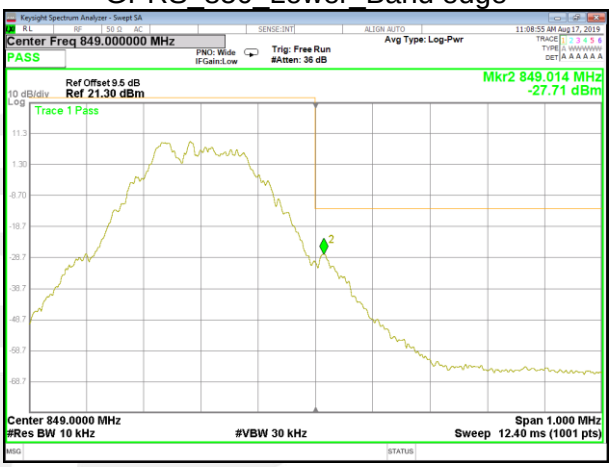


GSM_850_Lower Band edge

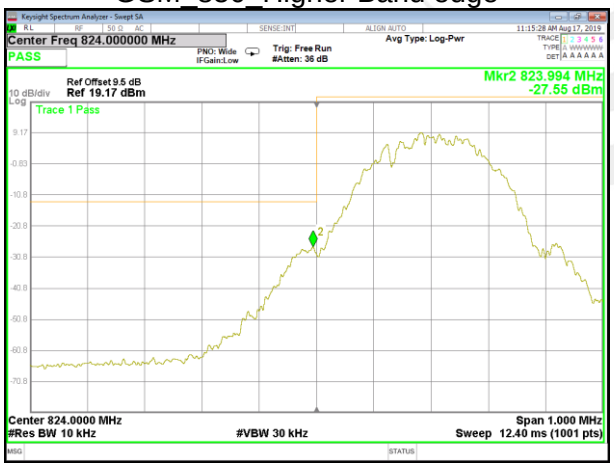


GPRS_850_Lower_Band edge

GSM_850_Higher Band edge

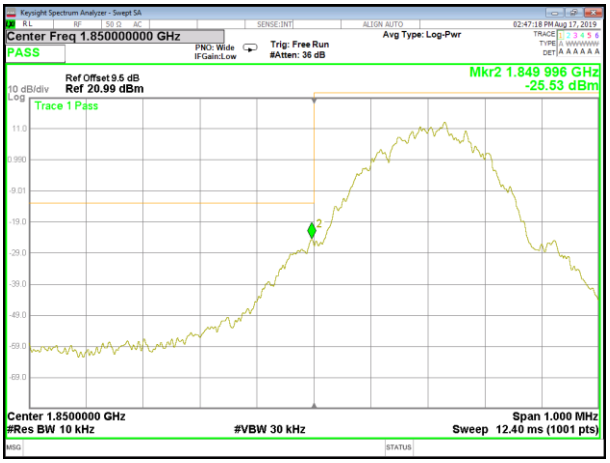


GPRS_850_Higher_Band edge



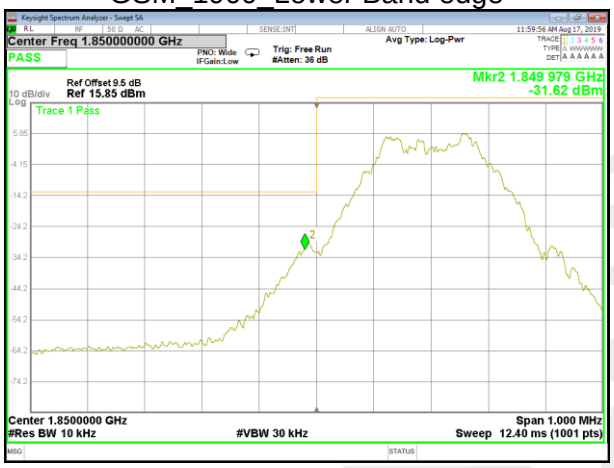
EGPRS_850_Lower_Band edge

EGPRS_850_Higher_Band edge

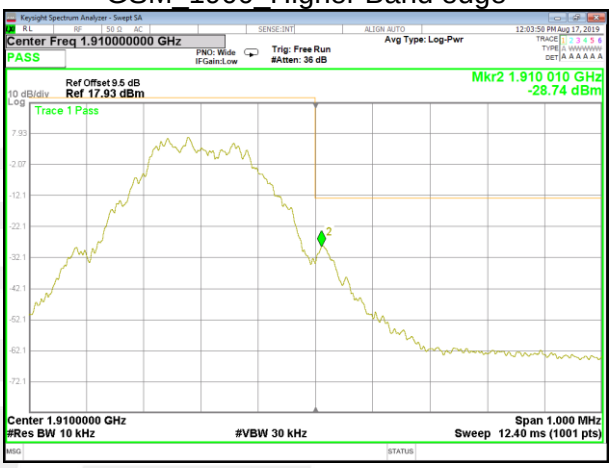


GSM_1900_Lower Band edge

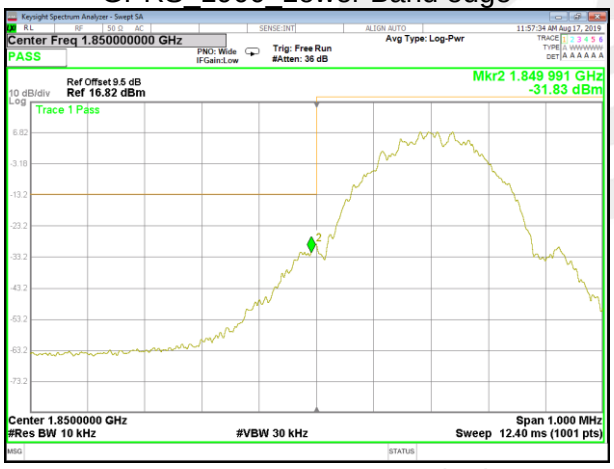
GSM_1900_Higher Band edge



GPRS_1900_Lower Band edge



GPRS_1900_Higher Band edge



EGPRS_1900_Lower Band edge

EGPRS_1900_Higher Band edge