



GSM 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.02	0.013	Within Authorized Band	PASS
40		14.90	0.008		
30		16.68	0.009		
20		36.08	0.019		
10		32.84	0.017		
0		34.46	0.018		
-10		35.04	0.019		
-20		25.36	0.013		
-30		20.46	0.011		
25	Maximum Voltage	12.32	0.007		
25	BEP	17.48	0.009		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	35.86	0.019	Within Authorized Band	PASS
40		27.11	0.014		
30		21.19	0.011		
20		27.54	0.015		
10		26.14	0.014		
0		22.32	0.012		
-10		31.00	0.016		
-20		13.91	0.007		
-30		26.19	0.014		
25	Maximum Voltage	22.56	0.012		
25	BEP	13.80	0.007		

EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.89	0.011	Within Authorized Band	PASS
40		17.77	0.009		
30		12.21	0.006		
20		18.35	0.010		
10		14.30	0.008		
0		32.87	0.017		
-10		29.40	0.016		
-20		36.27	0.019		
-30		33.79	0.018		
25	Maximum Voltage	34.09	0.018		
25	BEP	27.01	0.014		



UMTS Band II /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.02	0.010	Within Authorized Band	PASS
40		29.59	0.016		
30		12.77	0.007		
20		33.08	0.018		
10		34.98	0.019		
0		35.83	0.019		
-10		13.69	0.007		
-20		34.78	0.019		
-30		14.33	0.008		
25	Maximum Voltage	25.02	0.013		
25	BEP	30.46	0.016		

HSDPA Band II /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.29	0.012	Within Authorized Band	PASS
40		20.88	0.011		
30		15.59	0.008		
20		31.35	0.017		
10		27.05	0.014		
0		14.92	0.008		
-10		25.11	0.013		
-20		12.38	0.007		
-30		32.49	0.017		
25	Maximum Voltage	28.33	0.015		
25	BEP	31.86	0.017		

HSUPA Band II /1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.47	0.008	Within Authorized Band	PASS
40		34.87	0.019		
30		36.28	0.019		
20		32.96	0.018		
10		26.60	0.014		
0		27.89	0.015		
-10		33.63	0.018		
-20		35.51	0.019		
-30		24.66	0.013		
25	Maximum Voltage	13.41	0.007		
25	BEP	29.51	0.016		



Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.67	0.033	2.5ppm	PASS
40		32.14	0.038		
30		11.53	0.014		
20		25.35	0.030		
10		12.15	0.015		
0		29.90	0.036		
-10		28.95	0.035		
-20		32.06	0.038		
-30		24.60	0.029		
25	Maximum Voltage	12.63	0.015		
25	BEP	22.55	0.027		

HSDPA Band V / 836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)		(ppm)		
50	Normal Voltage	19.73	0.024	2.5ppm	PASS
40		19.11	0.023		
30		15.03	0.018		
20		29.64	0.035		
10		16.16	0.019		
0		26.75	0.032		
-10		28.44	0.034		
-20		31.84	0.038		
-30		25.82	0.031		
25	Maximum Voltage	20.37	0.024		
25	BEP	18.51	0.022		

HSUPA Band V / 836.6MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.94	0.042	2.5ppm	PASS
40		13.87	0.017		
30		26.00	0.031		
20		33.50	0.040		
10		18.00	0.022		
0		19.56	0.023		
-10		15.76	0.019		
-20		25.71	0.031		
-30		11.89	0.014		
25	Maximum Voltage	21.61	0.026		
25	BEP	24.07	0.029		



UMTS Band IV /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.28	0.013	Within Authorized Band	PASS
40		33.08	0.018		
30		30.64	0.016		
20		34.84	0.019		
10		33.86	0.018		
0		31.85	0.017		
-10		33.92	0.018		
-20		26.33	0.014		
-30		11.60	0.006		
25	Maximum Voltage	18.90	0.010		
25	BEP	32.15	0.017		

HSDPA Band IV /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	35.63	0.019	Within Authorized Band	PASS
40		33.00	0.018		
30		22.26	0.012		
20		31.50	0.017		
10		21.18	0.011		
0		27.27	0.015		
-10		12.93	0.007		
-20		26.68	0.014		
-30		17.94	0.010		
25	Maximum Voltage	31.95	0.017		
25	BEP	25.69	0.014		

HSUPA Band IV /1740MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.08	0.009	Within Authorized Band	PASS
40		26.58	0.014		
30		29.48	0.016		
20		32.78	0.017		
10		32.45	0.017		
0		36.48	0.019		
-10		24.54	0.013		
-20		27.56	0.015		
-30		16.86	0.009		
25	Maximum Voltage	14.44	0.008		
25	BEP	25.73	0.014		

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

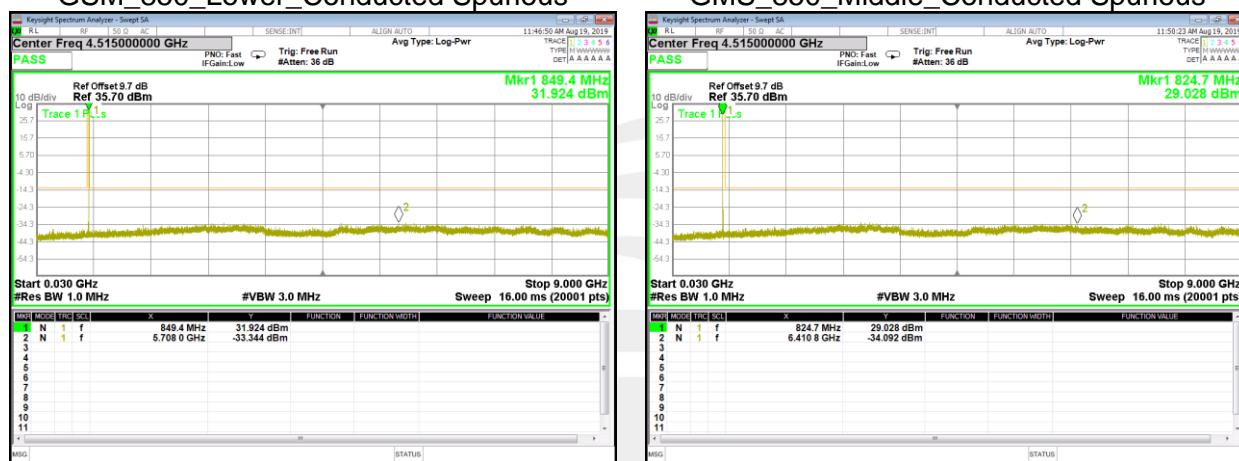


## A6. SPURIOUS EMISSIONS AT ANTENNA TERMINALS



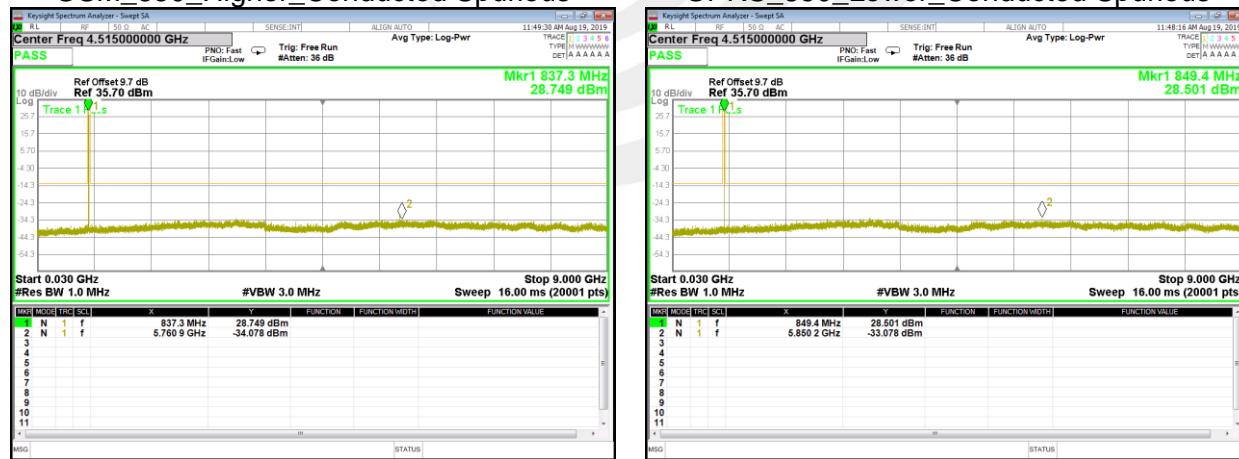
GSM\_850\_Lower\_Conducted\_Spurious

GMS\_850\_Middle\_Conducted\_Spurious



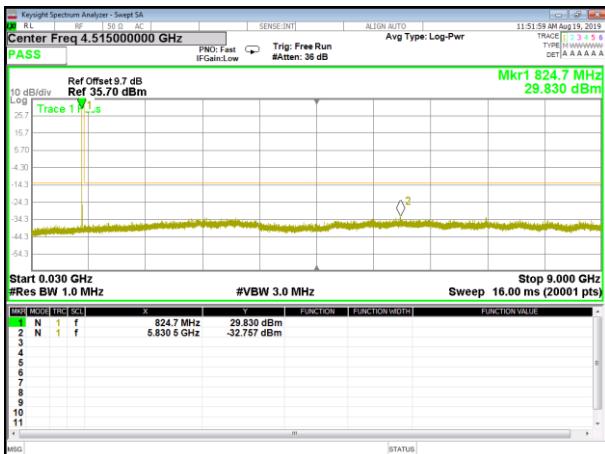
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GPRS\_850\_Lower\_Conducted\_Spurious



GPRS\_850\_Middle\_Conducted\_Spurious

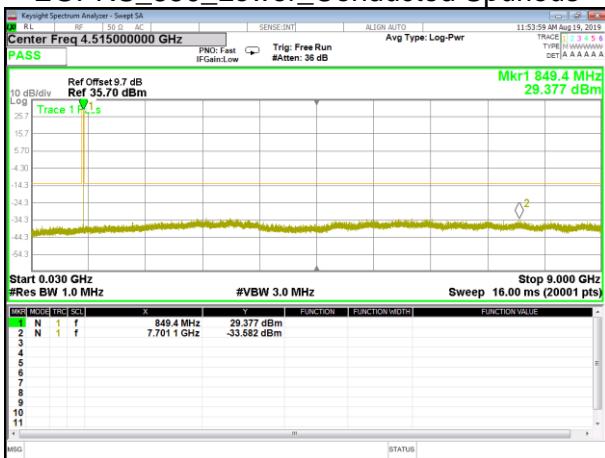
GPRS\_850\_Higher\_Conducted\_Spurious



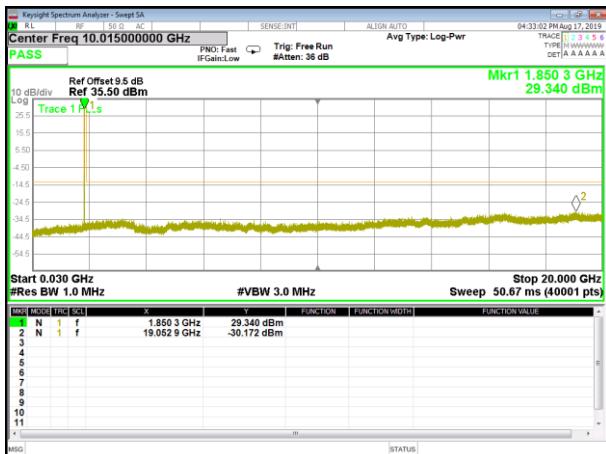
EGPRS\_850\_Lower\_Conducted\_Spurious



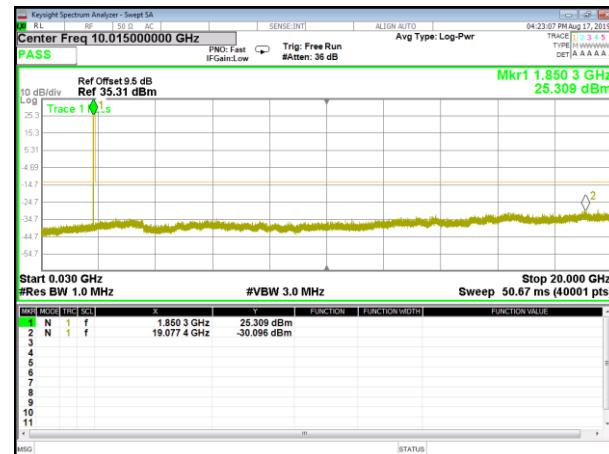
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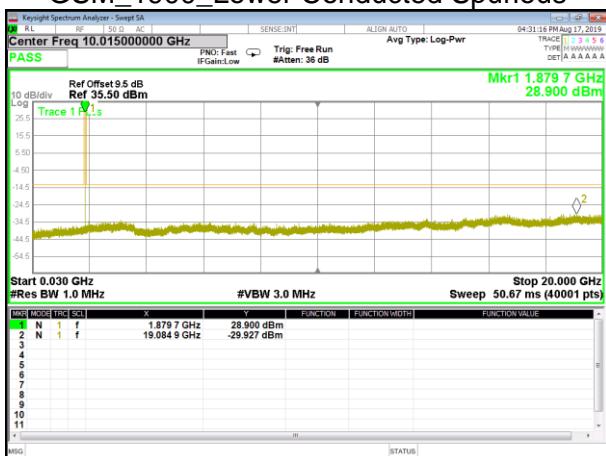
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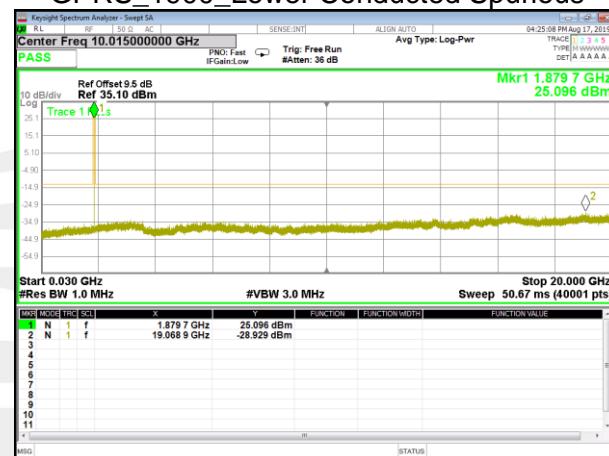
GSM\_1900\_Lower Conducted Spurious



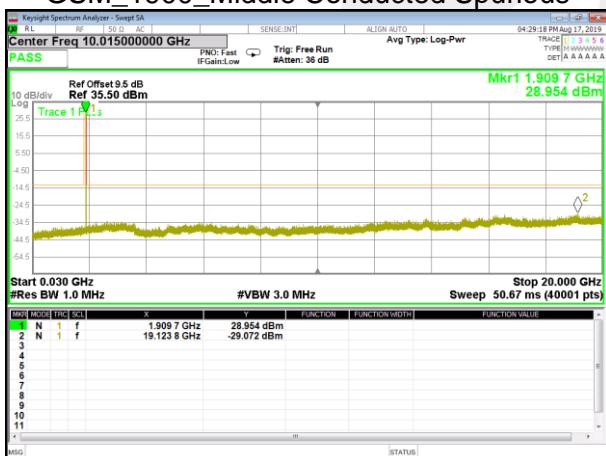
GPRS\_1900\_Lower Conducted Spurious



GSM\_1900\_Middle Conducted Spurious



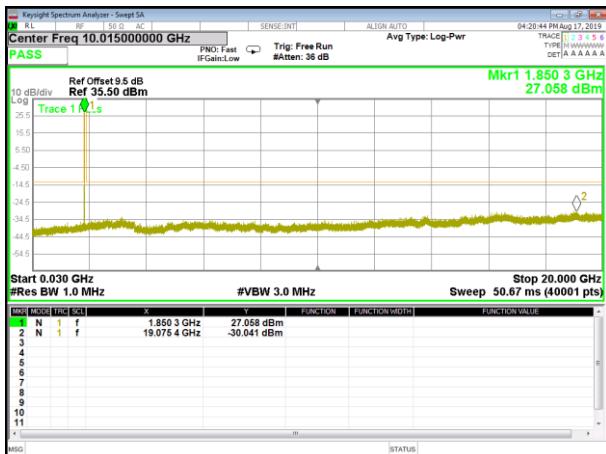
GPRS\_1900\_Middle Conducted Spurious



GSM\_1900\_Higher Conducted Spurious



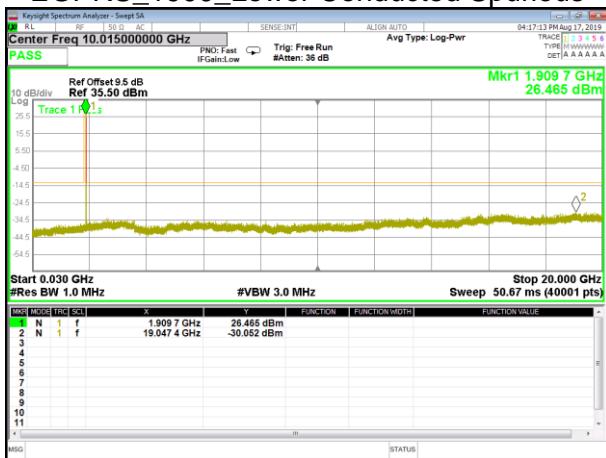
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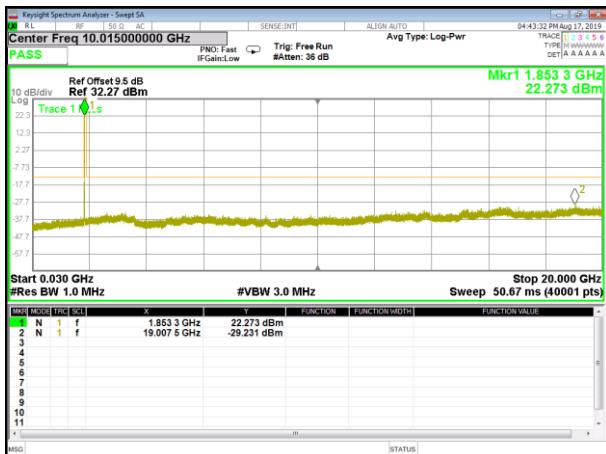
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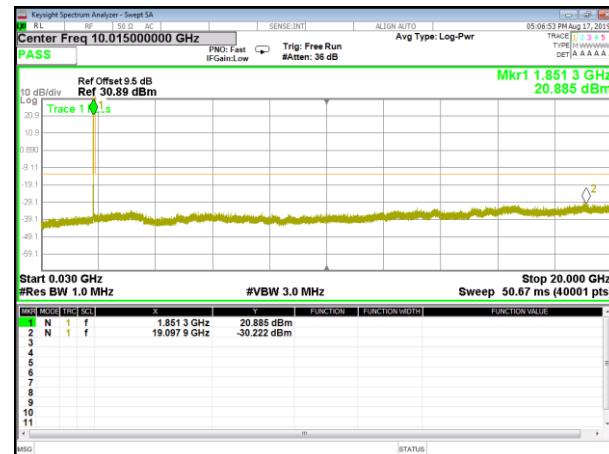
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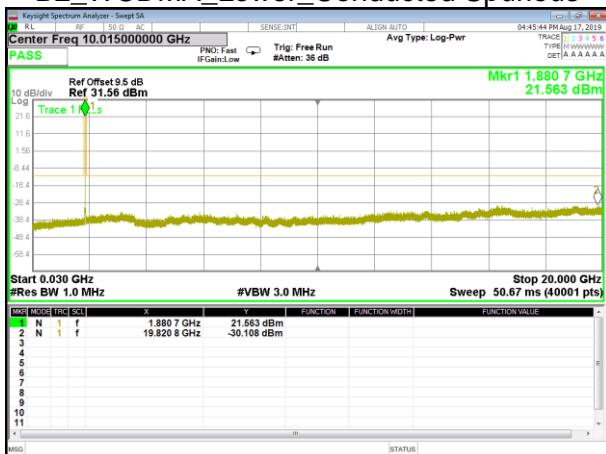
EGPRS\_1900\_Higher Conducted Spurious



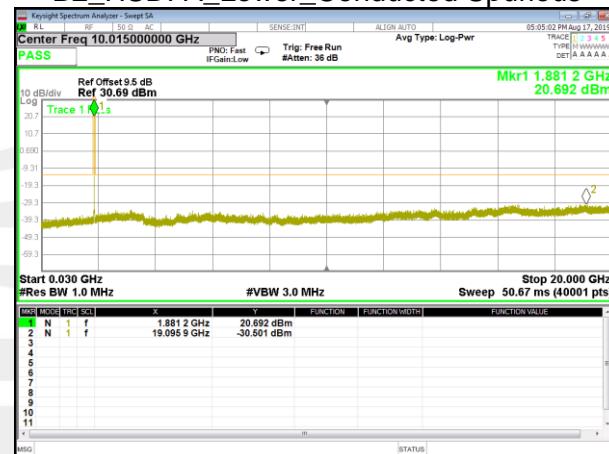
B2\_WCDMA\_Lower\_Conducted\_Spurious



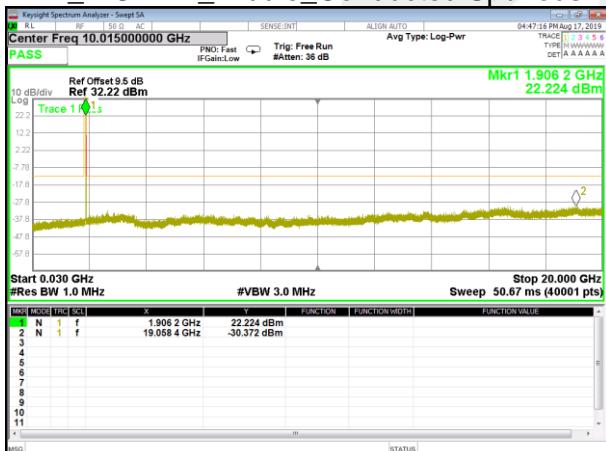
B2\_HSDPA\_Lower\_Conducted\_Spurious



B2\_WCDMA\_Middle\_Conducted\_Spurious



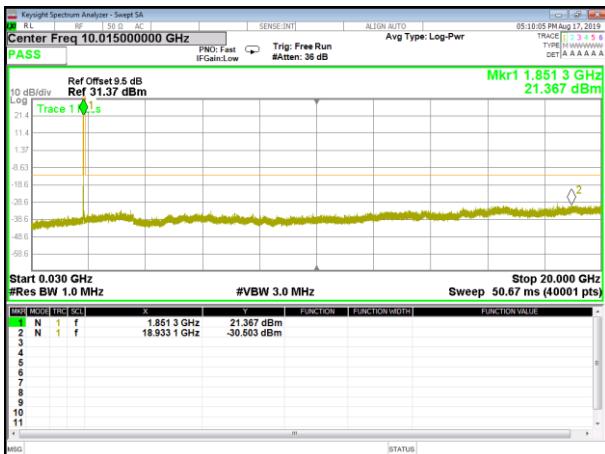
B2\_HSDPA\_Middle\_Conducted\_Spurious



B2\_WCDMA\_Higher\_Conducted\_Spurious



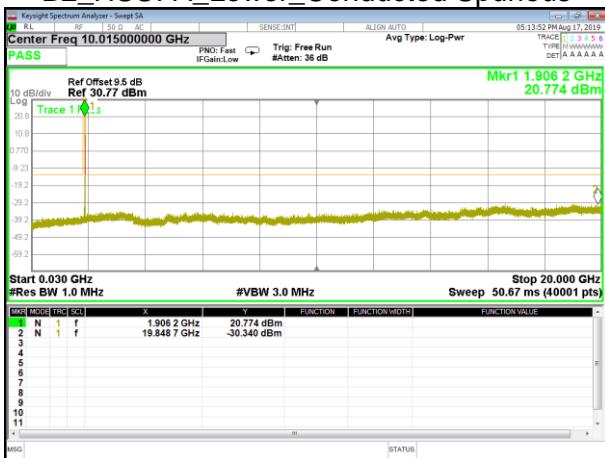
B2\_HSDPA\_Higher\_Conducted\_Spurious



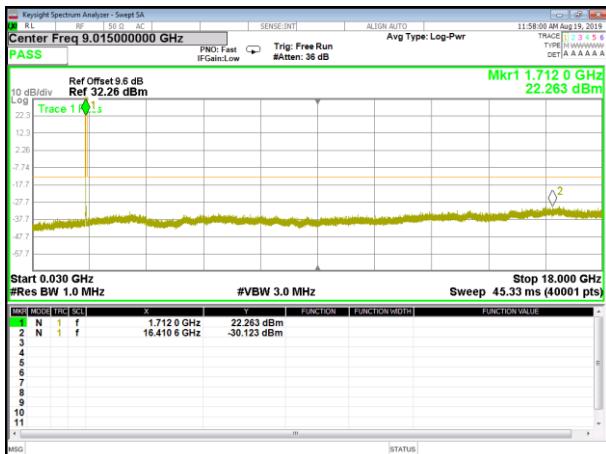
B2\_HSUPA\_Lower\_Conducted\_Spurious



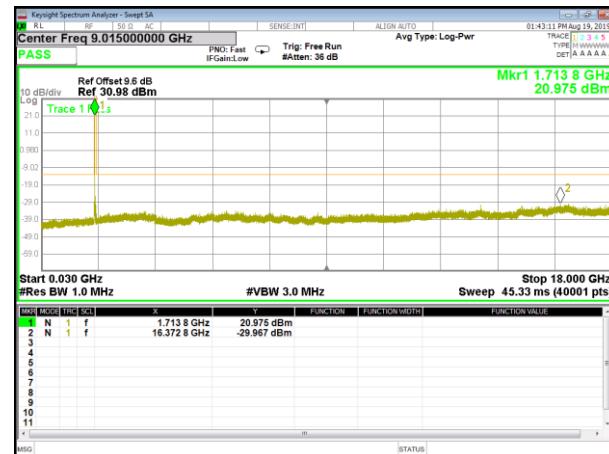
B2\_HSUPA\_Middle\_Conducted\_Spurious



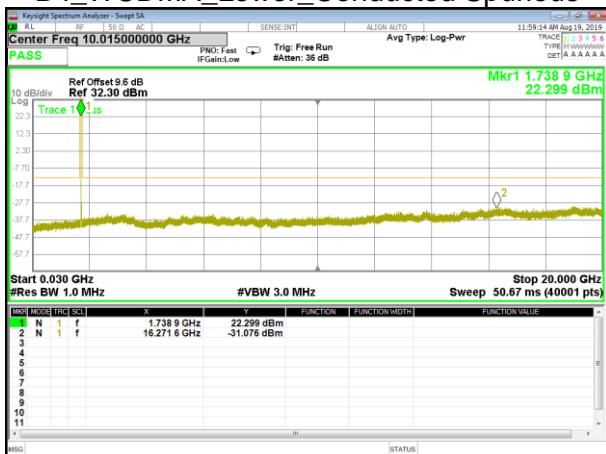
B2\_HSUPA\_Higher\_Conducted\_Spurious



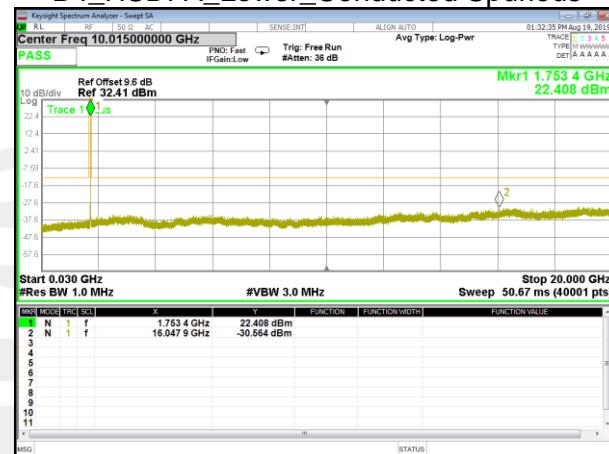
B4\_WCDMA\_Lower\_Conducted\_Spurious



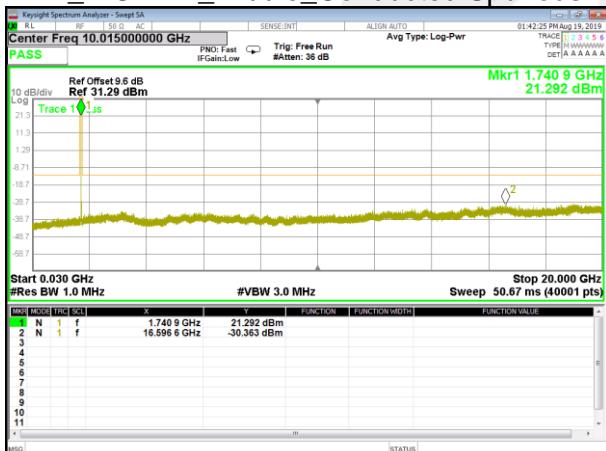
B4\_HSDPA\_Lower\_Conducted\_Spurious



B4\_WCDMA\_Middle\_Conducted\_Spurious



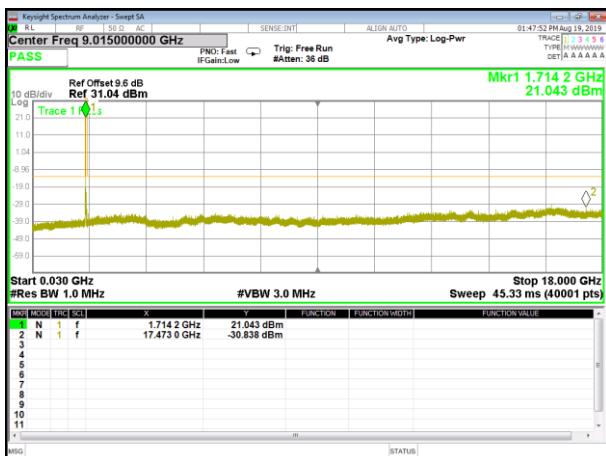
B4\_WCDMA\_Higher\_Conducted\_Spurious



B4\_HSDPA\_Middle\_Conducted\_Spurious



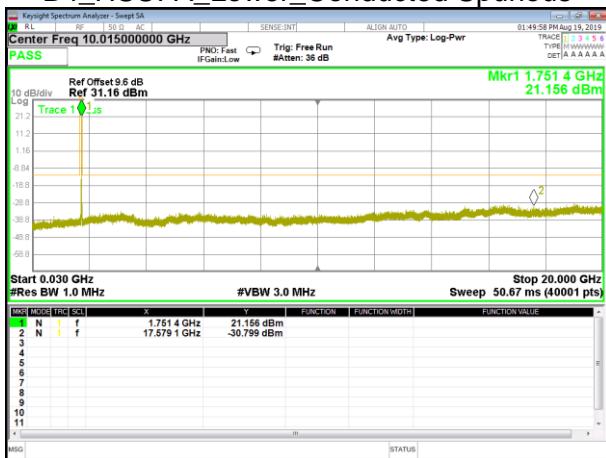
B4\_HSDPA\_Higher\_Conducted\_Spurious



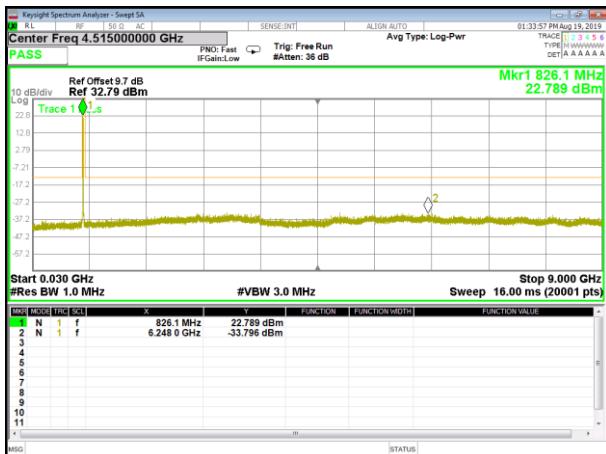
B4\_HSUPA\_Lower\_Conducted\_Spurious



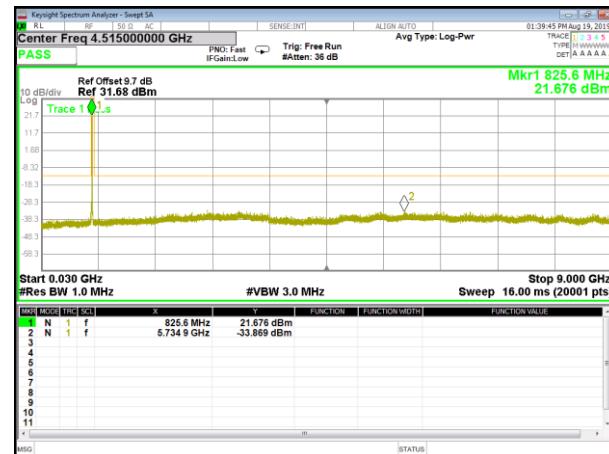
B4\_HSUPA\_Middle\_Conducted Spurious



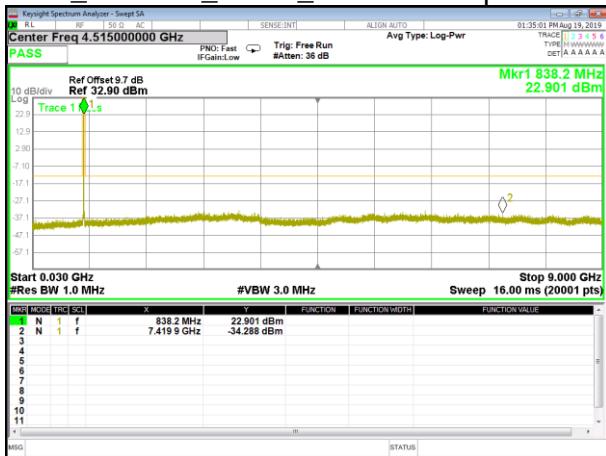
## B4\_HSUPA\_Higher\_Conducted Spurious



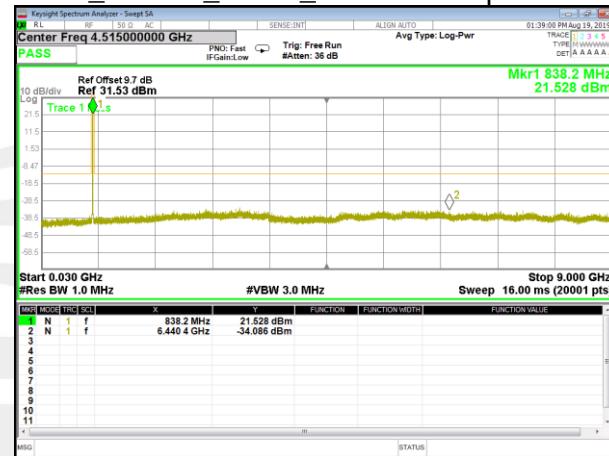
B5\_WCDMA\_Lower\_Conducted\_Spurious



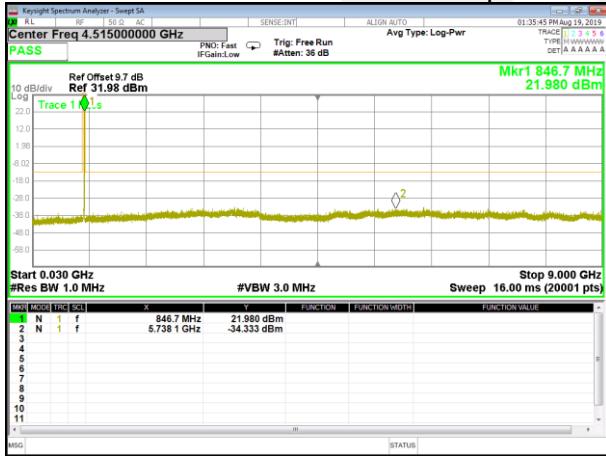
B5\_HSDPA\_Lower\_Conducted\_Spurious



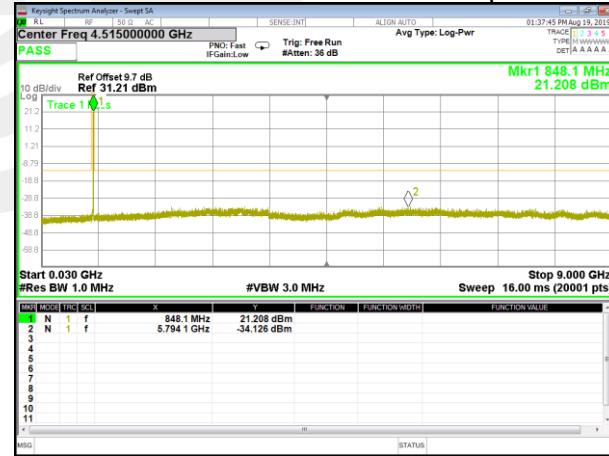
B5\_WCDMA\_Middle\_Conducted\_Spurious



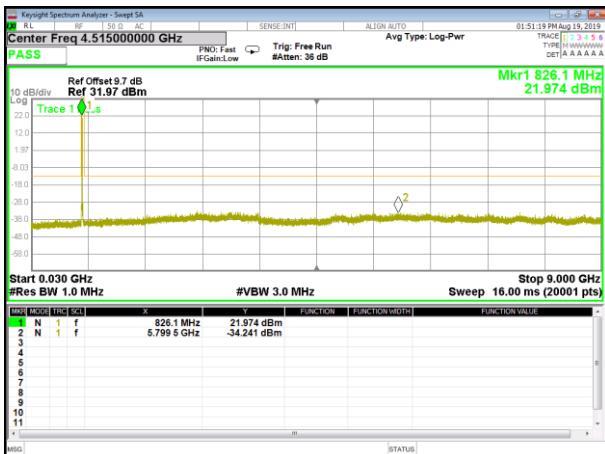
B5\_HSDPA\_Middle\_Conducted\_Spurious



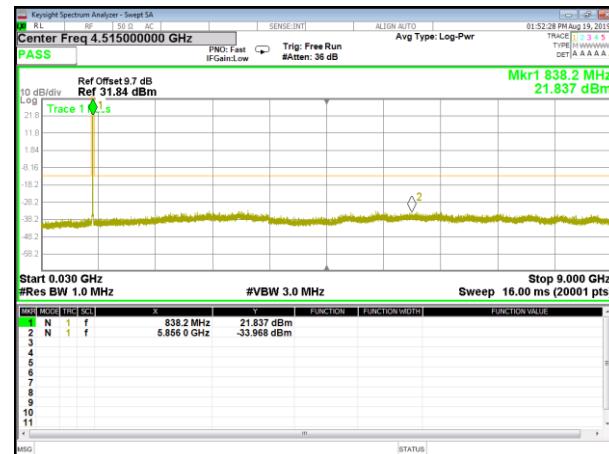
B5\_WCDMA\_Higher\_Conducted\_Spurious



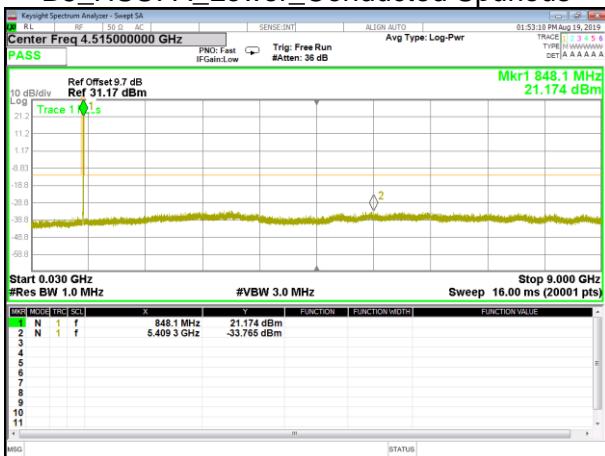
B5\_HSDPA\_Higher\_Conducted\_Spurious



B5\_HSUPA\_Lower\_Conducted\_Spurious



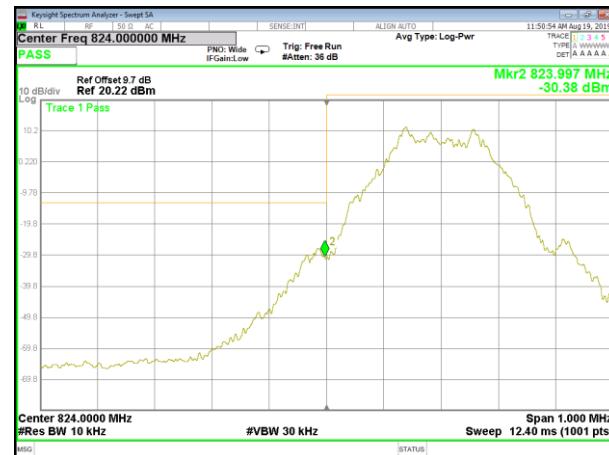
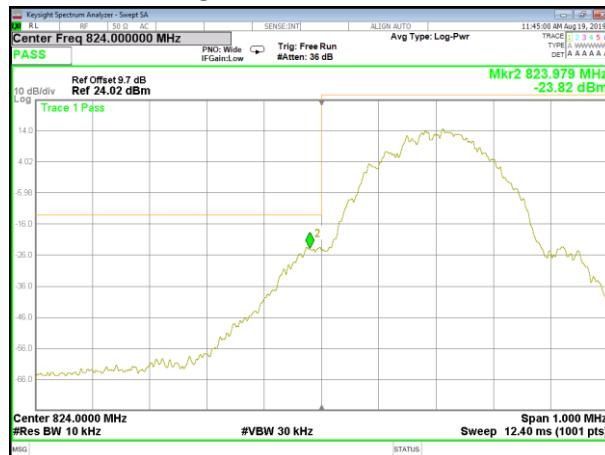
B5\_HSUPA\_Middle\_Conducted\_Spurious



B5\_HSUPA\_Higher\_Conducted\_Spurious



## A7. BAND EDGE



GSM\_850\_Lower 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



### B2\_WCDMA\_Lower\_Band edge



### B2\_WCDMA\_Higher\_Band edge



### B2\_HSUPA\_Lower\_Band edge

### B2\_HSUPA\_Higher\_Band edge