

TABLE OF CONTENTS

Conducted output power2

Frequency stability.....4

Peak-to-Average Ratio5

Occupied bandwidth15

Band edge.....25

Out-of-band emissions32

Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dBm)	Gain (dBd)	ERP (dBm)	ERP Limit (dBm)	Verdict
EGPRS850 1 Slot	128	824.2	32.47	-6.14	-8.29	24.18	38.45	PASS
EGPRS850 1 Slot	190	836.6	32.46	-6.14	-8.29	24.17	38.45	PASS
EGPRS850 1 Slot	251	848.8	32.57	-6.14	-8.29	24.28	38.45	PASS
EGPRS850 2 Slot	128	824.2	32.31	-6.14	-8.29	24.02	38.45	PASS
EGPRS850 2 Slot	190	836.6	32.27	-6.14	-8.29	23.98	38.45	PASS
EGPRS850 2 Slot	251	848.8	32.41	-6.14	-8.29	24.12	38.45	PASS
EGPRS850 3 Slot	128	824.2	32.21	-6.14	-8.29	23.92	38.45	PASS
EGPRS850 3 Slot	190	836.6	31.98	-6.14	-8.29	23.69	38.45	PASS
EGPRS850 3 Slot	251	848.8	32.13	-6.14	-8.29	23.84	38.45	PASS
EGPRS850 4 Slot	128	824.2	31.95	-6.14	-8.29	23.66	38.45	PASS
EGPRS850 4 Slot	190	836.6	31.60	-6.14	-8.29	23.31	38.45	PASS
EGPRS850 4 Slot	251	848.8	31.62	-6.14	-8.29	23.33	38.45	PASS
GPRS850 1 Slot	128	824.2	32.82	-6.14	-8.29	24.53	38.45	PASS
GPRS850 1 Slot	190	836.6	32.67	-6.14	-8.29	24.38	38.45	PASS
GPRS850 1 Slot	251	848.8	32.68	-6.14	-8.29	24.39	38.45	PASS
GPRS850 2 Slot	128	824.2	32.08	-6.14	-8.29	23.79	38.45	PASS
GPRS850 2 Slot	190	836.6	31.69	-6.14	-8.29	23.4	38.45	PASS
GPRS850 2 Slot	251	848.8	31.56	-6.14	-8.29	23.27	38.45	PASS
GPRS850 3 Slot	128	824.2	29.88	-6.14	-8.29	21.59	38.45	PASS
GPRS850 3 Slot	190	836.6	29.06	-6.14	-8.29	20.77	38.45	PASS
GPRS850 3 Slot	251	848.8	28.71	-6.14	-8.29	20.42	38.45	PASS
GPRS850 4 Slot	128	824.2	28.52	-6.14	-8.29	20.23	38.45	PASS
GPRS850 4 Slot	190	836.6	27.57	-6.14	-8.29	19.28	38.45	PASS
GPRS850 4 Slot	251	848.8	27.22	-6.14	-8.29	18.93	38.45	PASS
GSM850	128	824.2	32.79	-6.14	-8.29	24.5	38.45	PASS
GSM850	190	836.6	32.64	-6.14	-8.29	24.35	38.45	PASS
GSM850	251	848.8	32.70	-6.14	-8.29	24.41	38.45	PASS

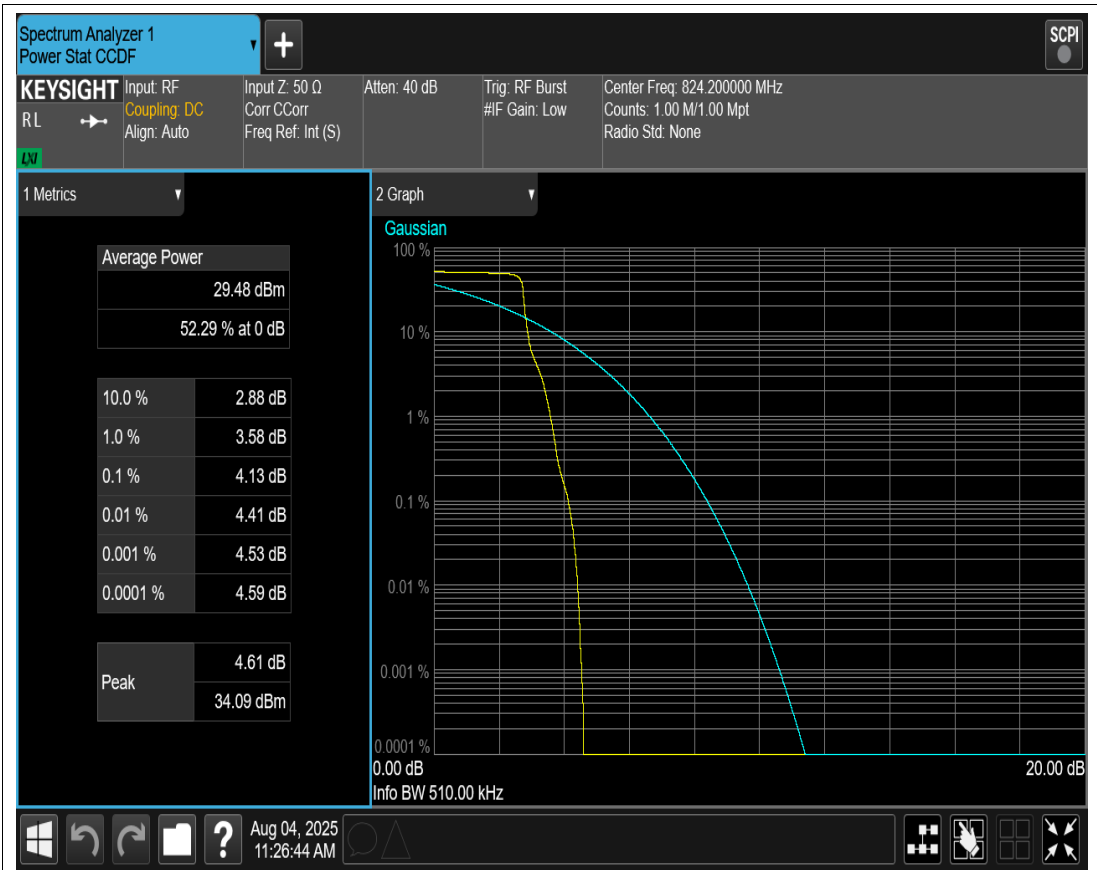
<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Power (dBm)</i>	<i>Gain (dBm)</i>	<i>EIRP (dBm)</i>	<i>EIRP Limit (dBm)</i>	<i>Verdict</i>
EGPRS1900 1 Slot	512	1850.2	28.14	-3.43	24.88	33.01	PASS
EGPRS1900 1 Slot	661	1880	28.31	-3.43	24.72	33.01	PASS
EGPRS1900 1 Slot	810	1909.8	28.15	-3.43	24.28	33.01	PASS
EGPRS1900 2 Slot	512	1850.2	27.71	-3.43	24.57	33.01	PASS
EGPRS1900 2 Slot	661	1880	28.00	-3.43	24.61	33.01	PASS
EGPRS1900 2 Slot	810	1909.8	28.04	-3.43	23.82	33.01	PASS
EGPRS1900 3 Slot	512	1850.2	27.25	-3.43	23.75	33.01	PASS
EGPRS1900 3 Slot	661	1880	27.18	-3.43	23.93	33.01	PASS
EGPRS1900 3 Slot	810	1909.8	27.36	-3.43	23.31	33.01	PASS
EGPRS1900 4 Slot	512	1850.2	26.74	-3.43	23.11	33.01	PASS
EGPRS1900 4 Slot	661	1880	26.54	-3.43	23.09	33.01	PASS
EGPRS1900 4 Slot	810	1909.8	26.52	-3.43	25.1	33.01	PASS
GPRS1900 1 Slot	512	1850.2	28.53	-3.43	25.15	33.01	PASS
GPRS1900 1 Slot	661	1880	28.58	-3.43	25.52	33.01	PASS
GPRS1900 1 Slot	810	1909.8	28.95	-3.43	24.3	33.01	PASS
GPRS1900 2 Slot	512	1850.2	27.73	-3.43	24.34	33.01	PASS
GPRS1900 2 Slot	661	1880	27.77	-3.43	24.78	33.01	PASS
GPRS1900 2 Slot	810	1909.8	28.21	-3.43	22.24	33.01	PASS
GPRS1900 3 Slot	512	1850.2	25.67	-3.43	22.39	33.01	PASS
GPRS1900 3 Slot	661	1880	25.82	-3.43	23.01	33.01	PASS
GPRS1900 3 Slot	810	1909.8	26.44	-3.43	20.82	33.01	PASS
GPRS1900 4 Slot	512	1850.2	24.25	-3.43	20.97	33.01	PASS
GPRS1900 4 Slot	661	1880	24.40	-3.43	21.7	33.01	PASS
GPRS1900 4 Slot	810	1909.8	25.13	-3.43	25.13	33.01	PASS
GSM1900	512	1850.2	28.56	-3.43	25.17	33.01	PASS
GSM1900	661	1880	28.60	-3.43	25.53	33.01	PASS
GSM1900	810	1909.8	28.96	-3.43	24.88	33.01	PASS

Frequency stability

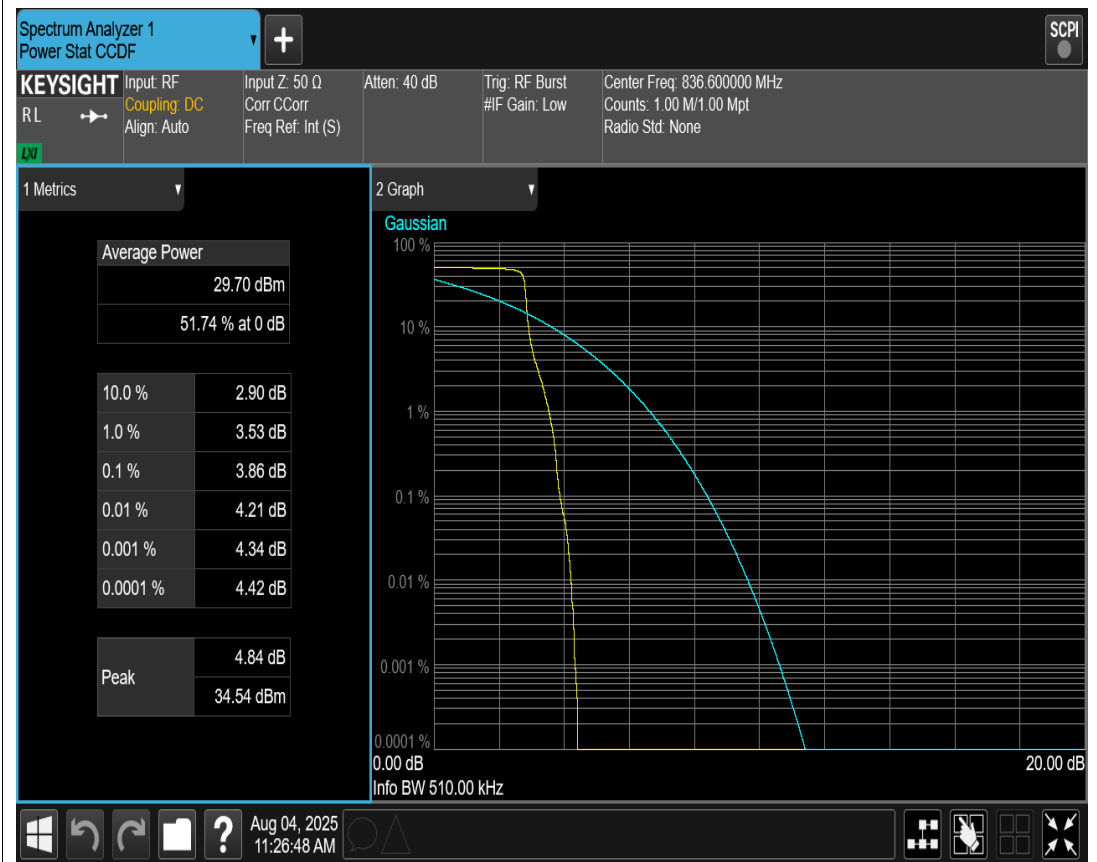
<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
EGPRS850	128	824.2	268.2954	0.33	-2.500	2.5	PASS
EGPRS850	190	836.6	91.20752	0.11	-2.500	2.5	PASS
EGPRS850	251	848.8	-609.9765	-0.72	-2.500	2.5	PASS
GPRS850	128	824.2	-5.13345	-0.01	-2.500	2.5	PASS
GPRS850	190	836.6	-4.810592	-0.01	-2.500	2.5	PASS
GPRS850	251	848.8	-2.938012	0.00	-2.500	2.5	PASS
GSM850	128	824.2	0.94	0.001	-2.5	2.5	PASS
GSM850	190	836.6	-0.45	-0.001	-2.5	2.5	PASS
GSM850	251	848.8	0.55	0.001	-2.5	2.5	PASS
EGPRS1900	512	1850.2	-11.68748	-0.01	-2.500	2.5	PASS
EGPRS1900	661	1880	-11.71976	-0.01	-2.500	2.5	PASS
EGPRS1900	810	1909.8	-15.36806	-0.01	-2.500	2.5	PASS
GPRS1900	512	1850.2	-12.13948	-0.01	-2.500	2.5	PASS
GPRS1900	661	1880	-5.036592	0.00	-2.500	2.5	PASS
GPRS1900	810	1909.8	-12.72062	-0.01	-2.500	2.5	PASS
GSM1900	512	1850.2	-2.91	-0.002	-2.5	2.5	PASS
GSM1900	661	1880	-1.71	-0.001	-2.5	2.5	PASS
GSM1900	810	1909.8	-10.14	-0.005	-2.5	2.5	PASS

Peak-to-Average Ratio

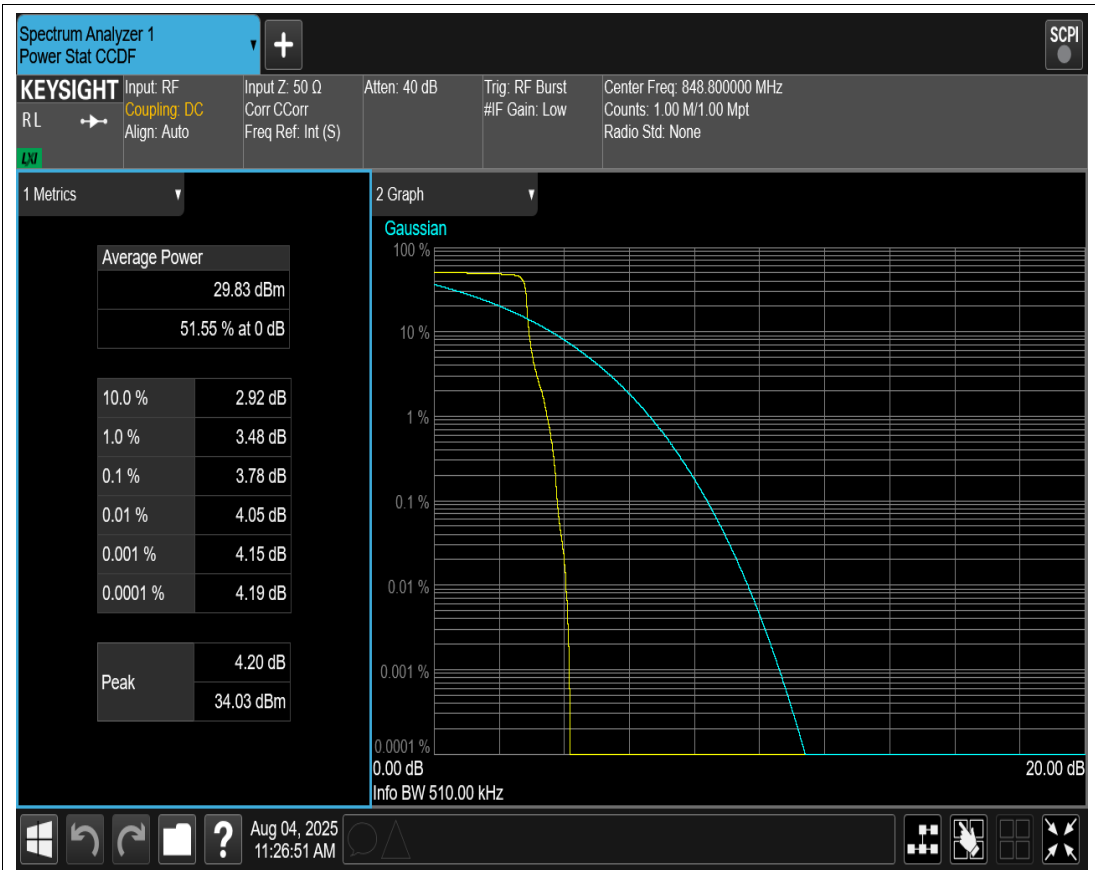
<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
EGPRS850	128	824.2	4.12537037	13.00	PASS
EGPRS850	190	836.6	3.864067797	13.00	PASS
EGPRS850	251	848.8	3.784745763	13.00	PASS
GPRS850	128	824.2	2.639608864	13.00	PASS
GPRS850	190	836.6	2.659535991	13.00	PASS
GPRS850	251	848.8	2.65870762	13.00	PASS
GSM850	128	824.2	2.61	13	PASS
GSM850	190	836.6	2.62	13	PASS
GSM850	251	848.8	2.63	13	PASS
EGPRS1900	512	1850.2	3.463992248	13.00	PASS
EGPRS1900	661	1880	3.42796875	13.00	PASS
EGPRS1900	810	1909.8	3.429891008	13.00	PASS
GPRS1900	512	1850.2	2.722960413	13.00	PASS
GPRS1900	661	1880	2.699765566	13.00	PASS
GPRS1900	810	1909.8	2.697277424	13.00	PASS
GSM1900	512	1850.2	2.68	13	PASS
GSM1900	661	1880	2.67	13	PASS
GSM1900	810	1909.8	2.66	13	PASS



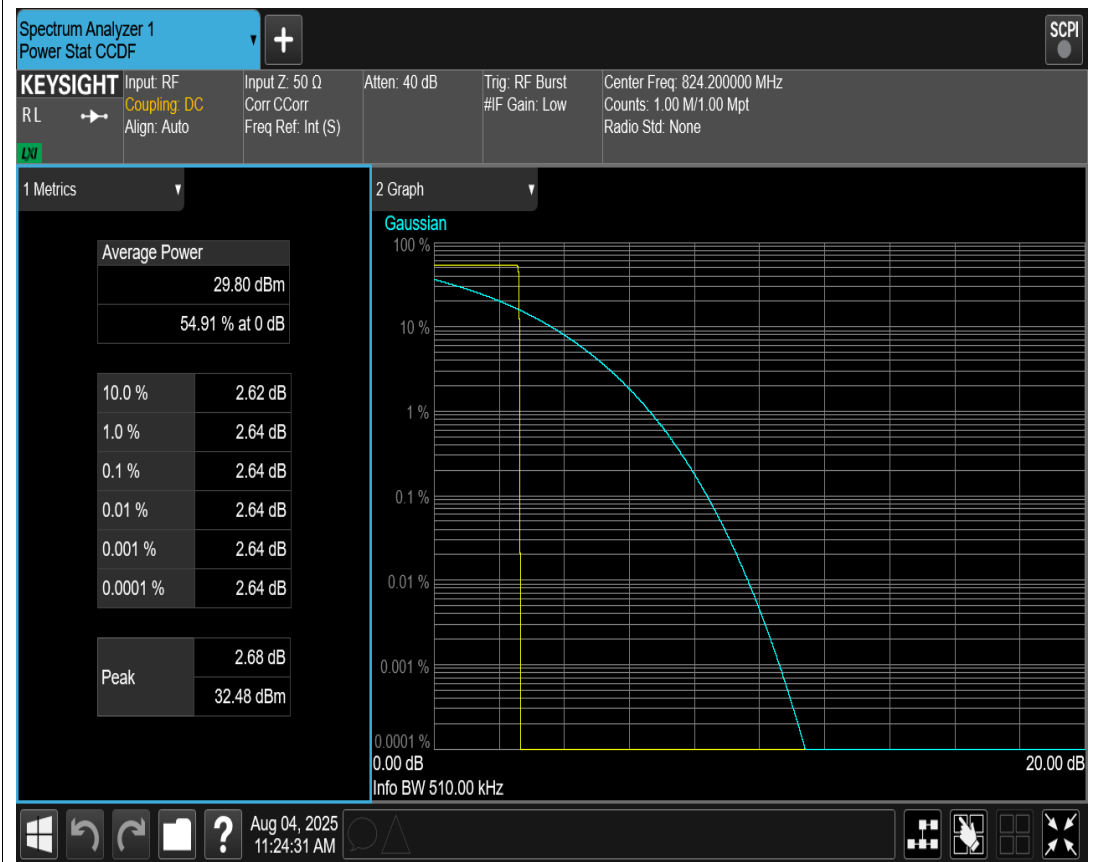
EGPRS850 Channel=128



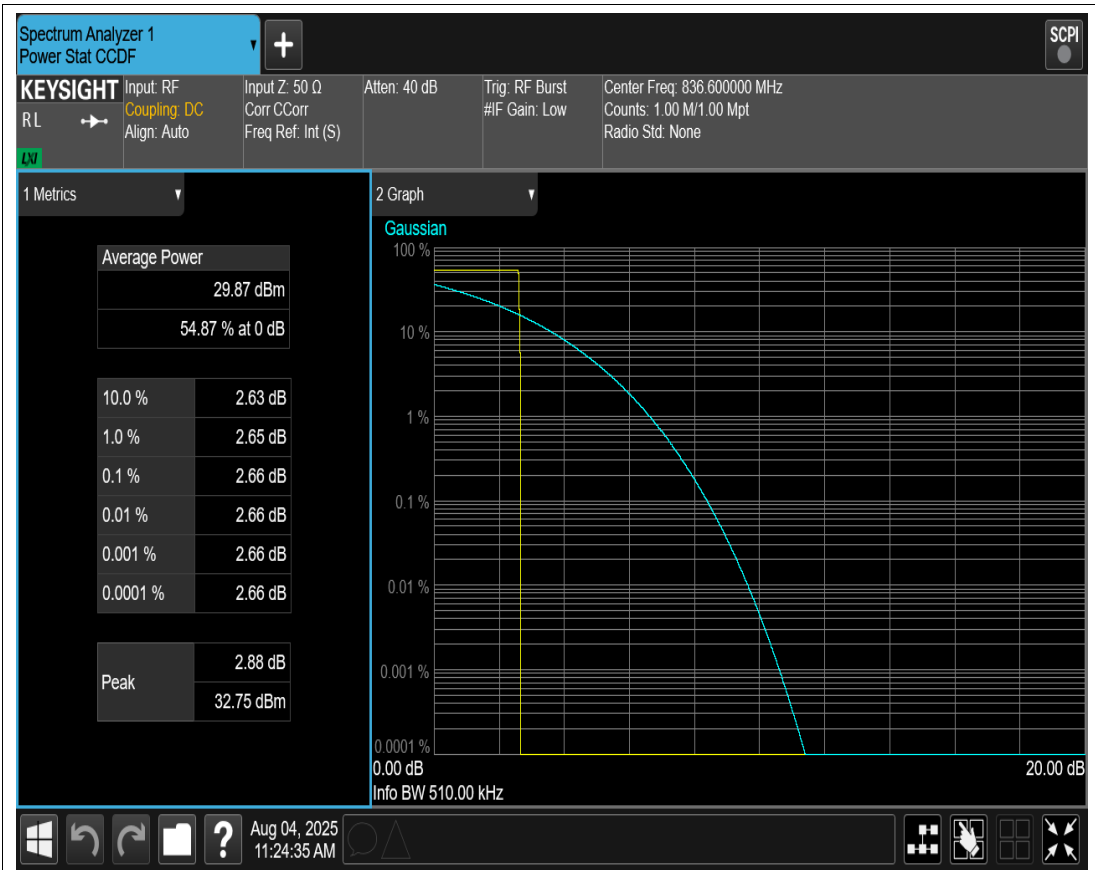
EGPRS850 Channel=190



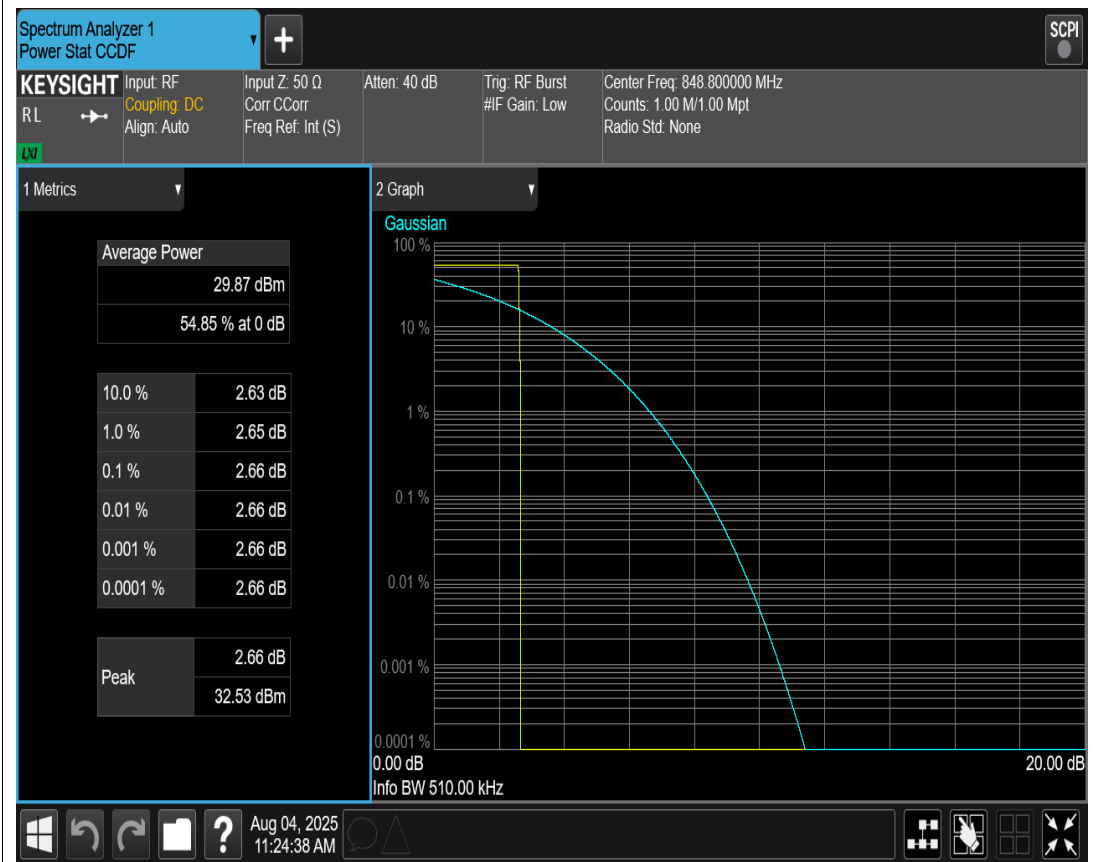
EGPRS850 Channel=251



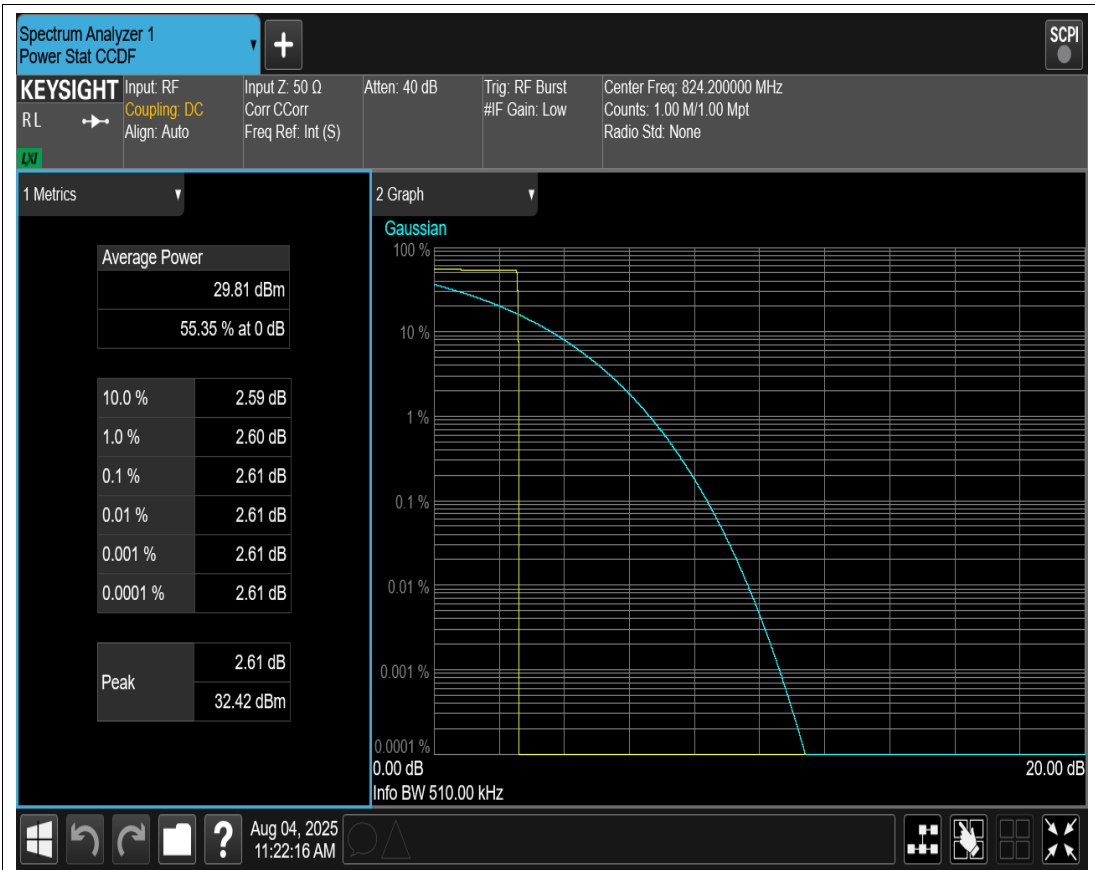
GPRS850 Channel=128



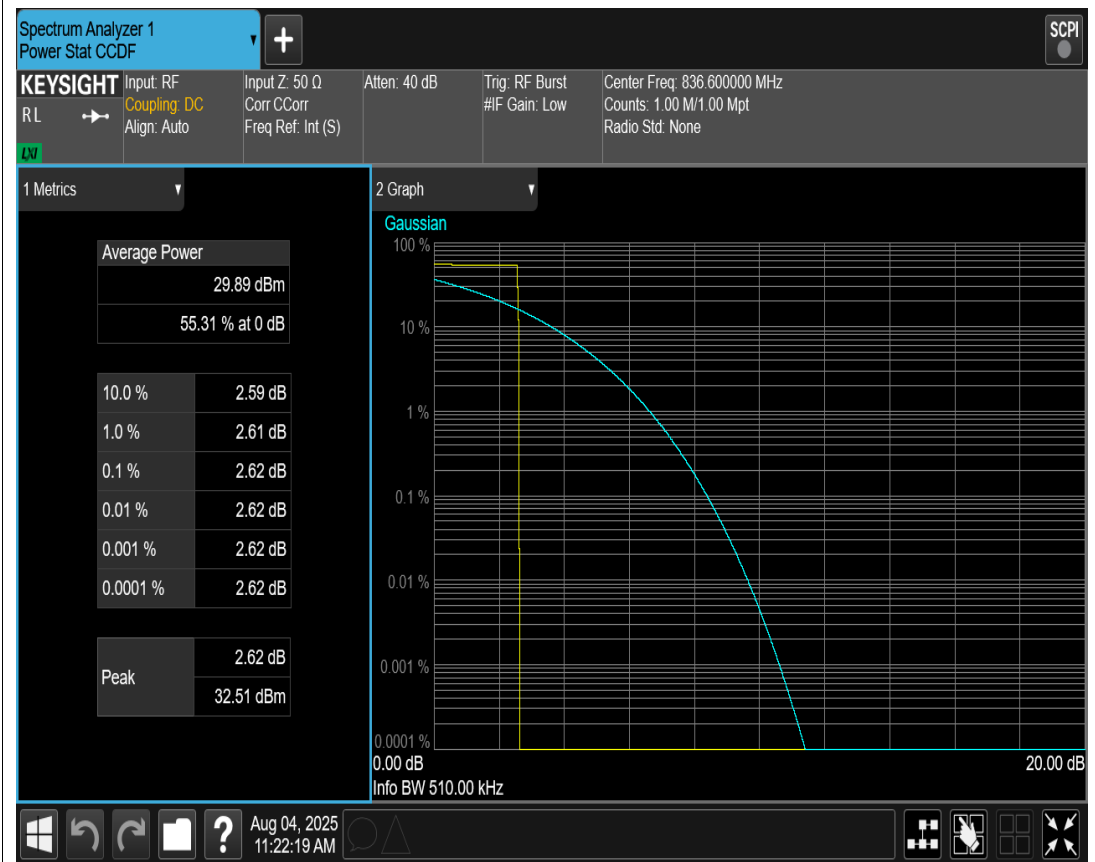
GPRS850 Channel=190



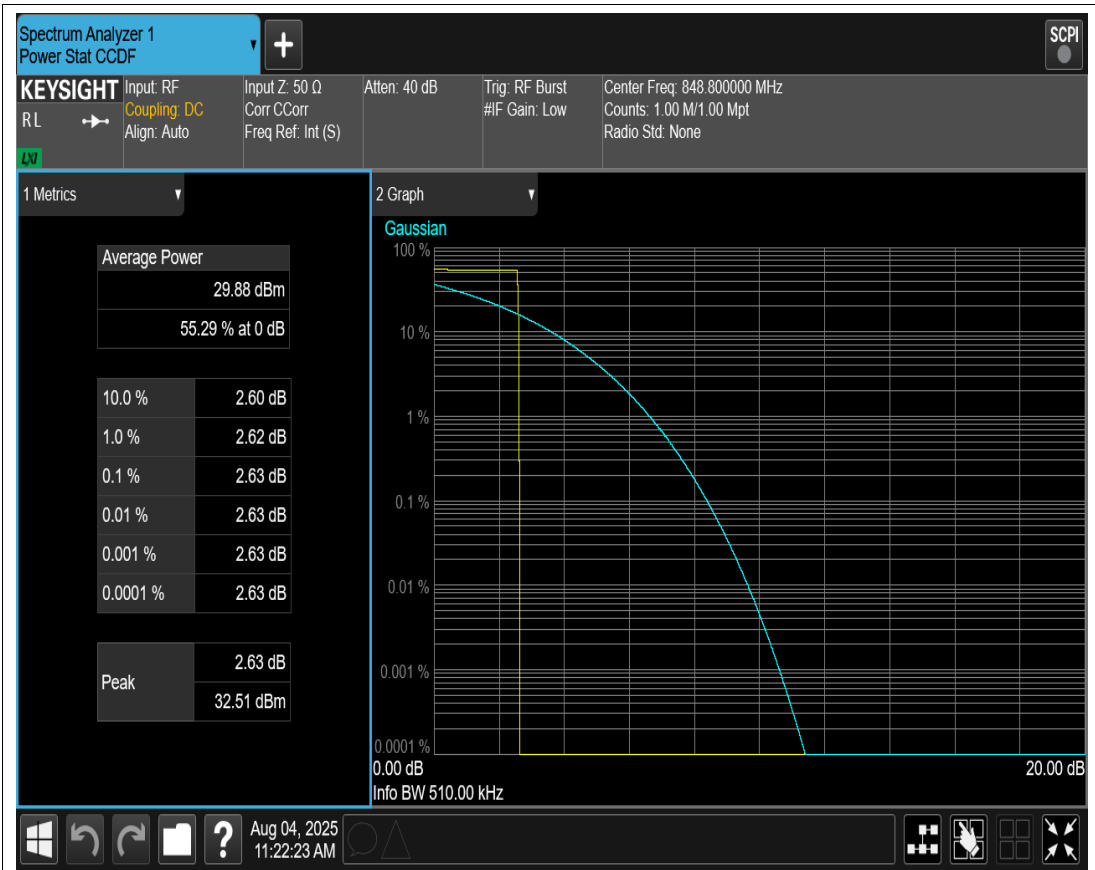
GPRS850 Channel=251



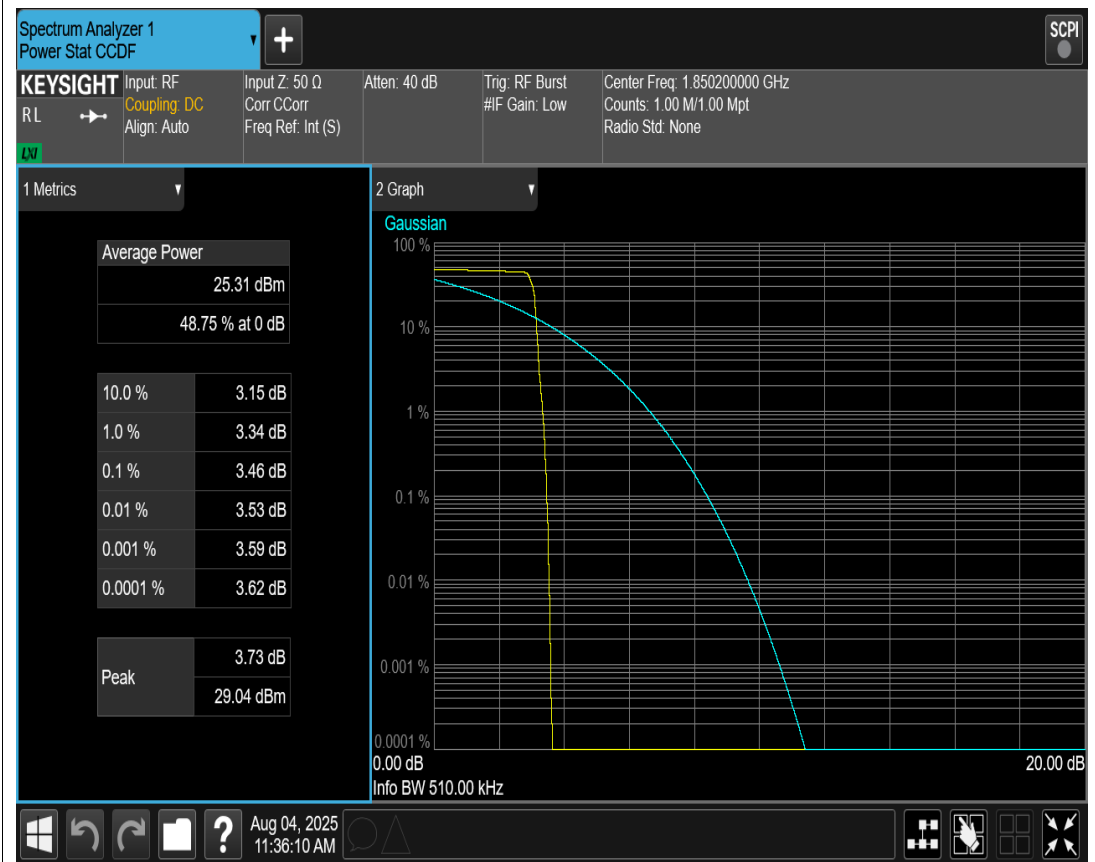
GSM850 Channel=128



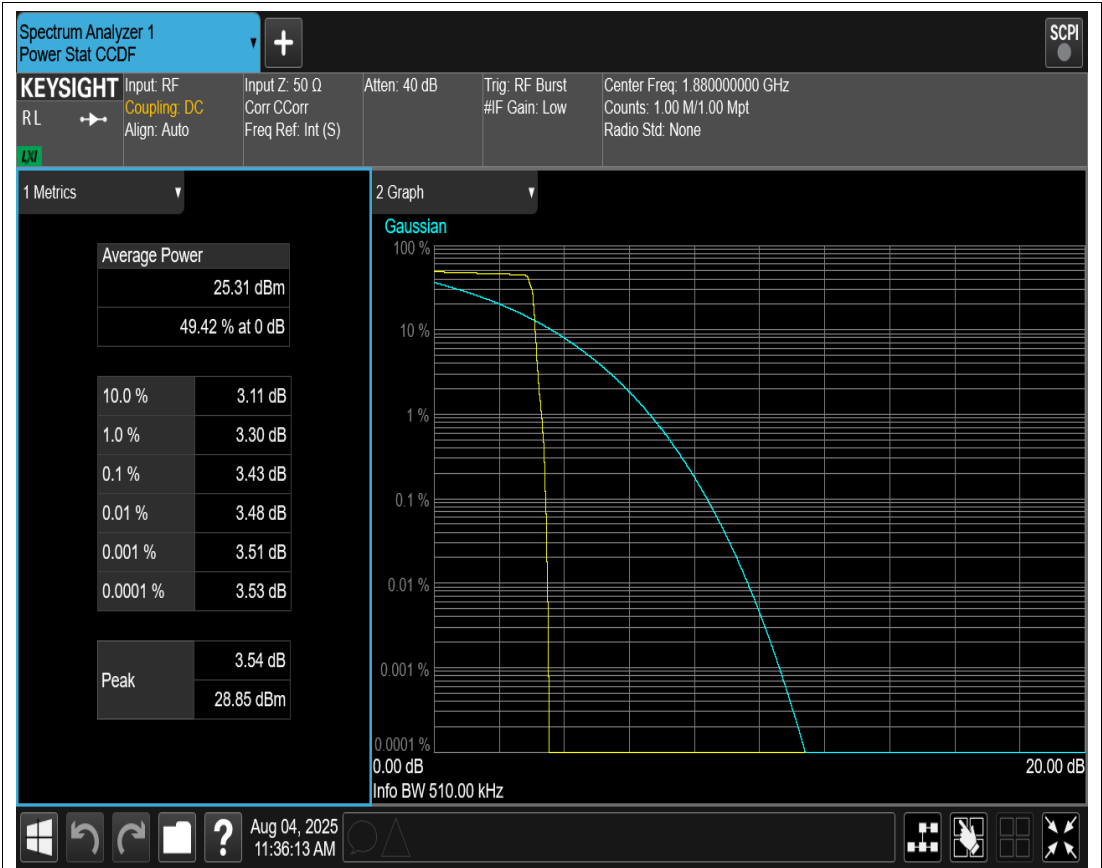
GSM850 Channel=190



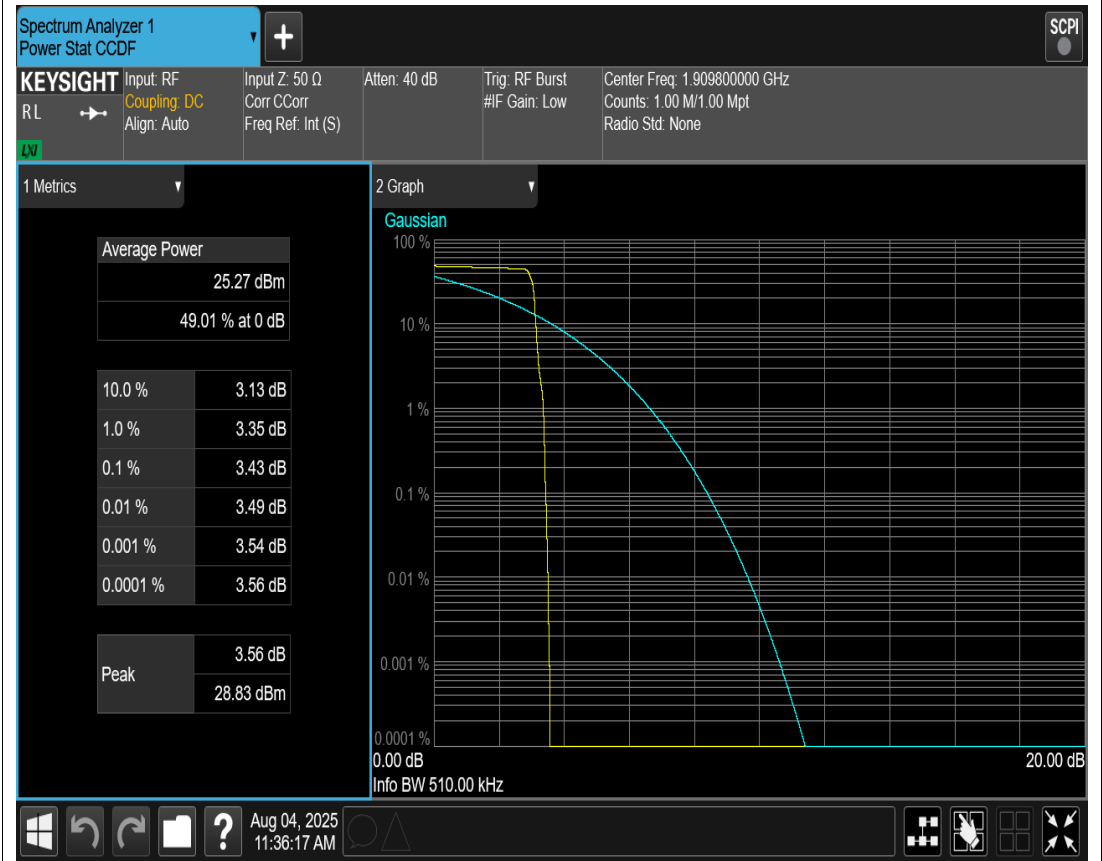
GSM850 Channel=251



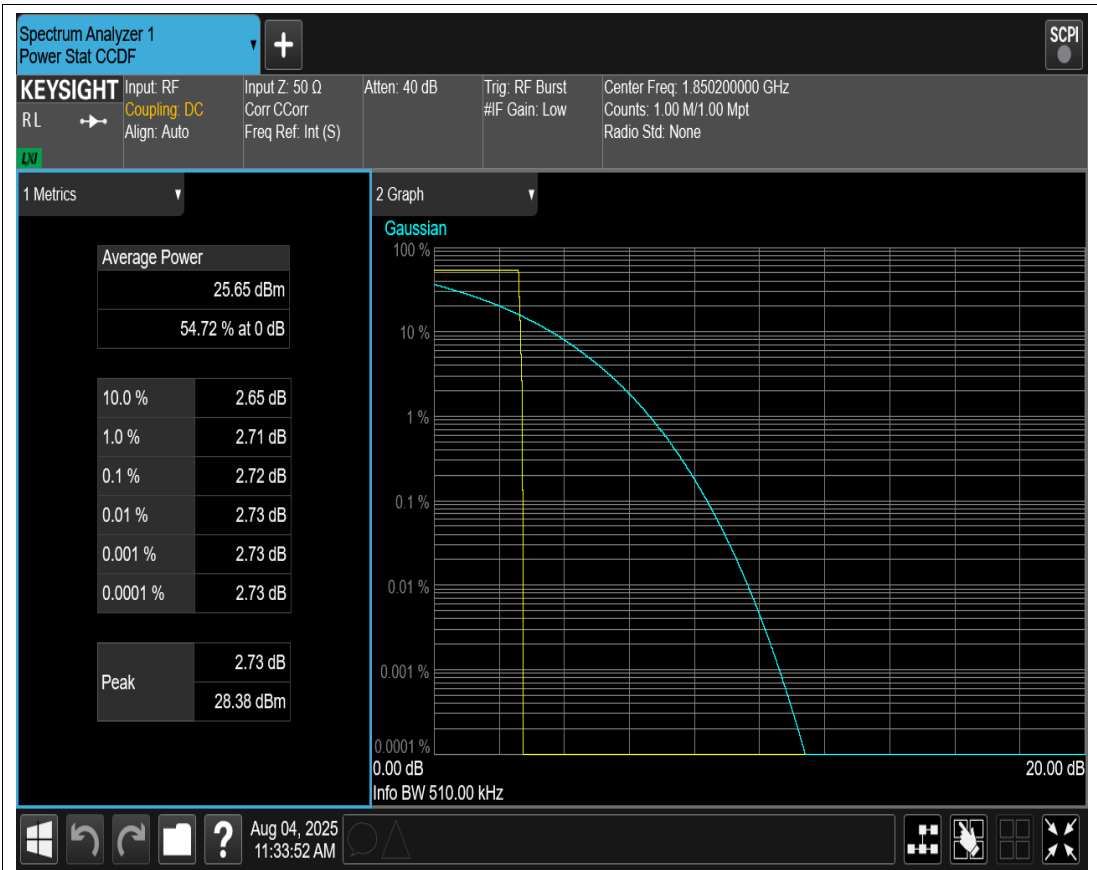
EGPRS1900 Channel=512



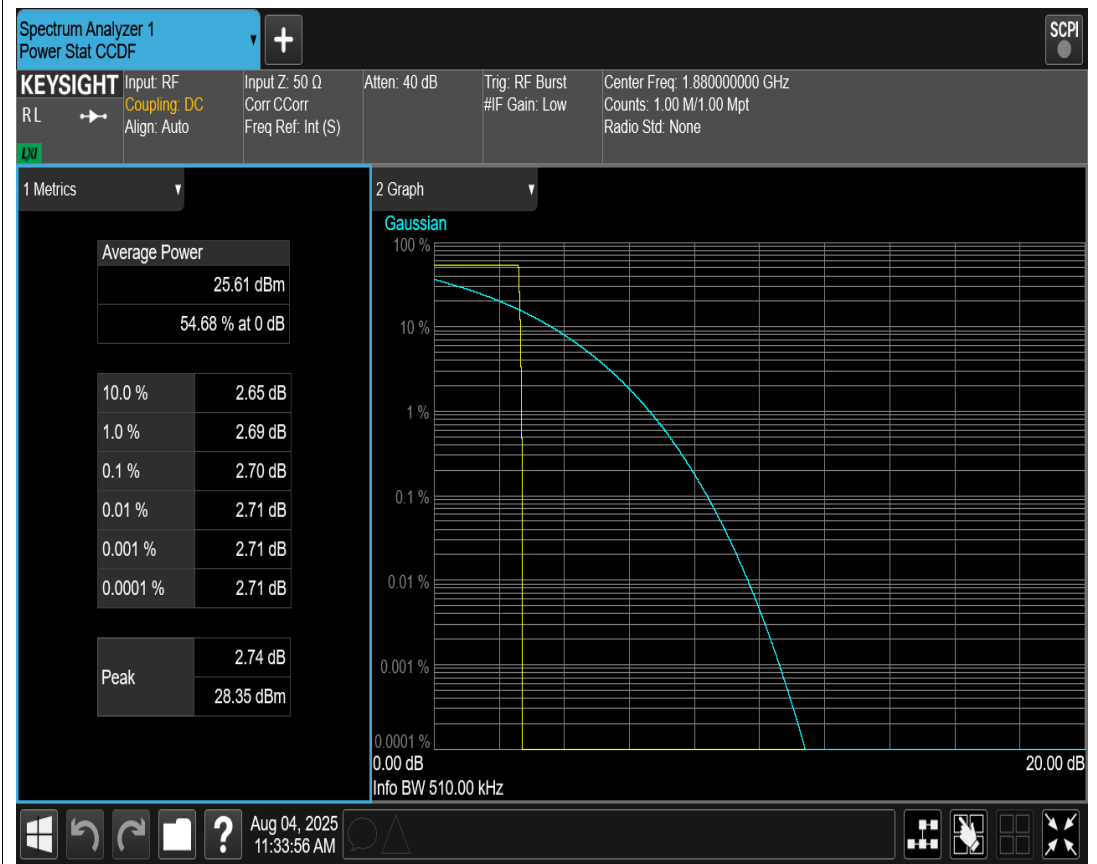
EGPRS1900 Channel=661



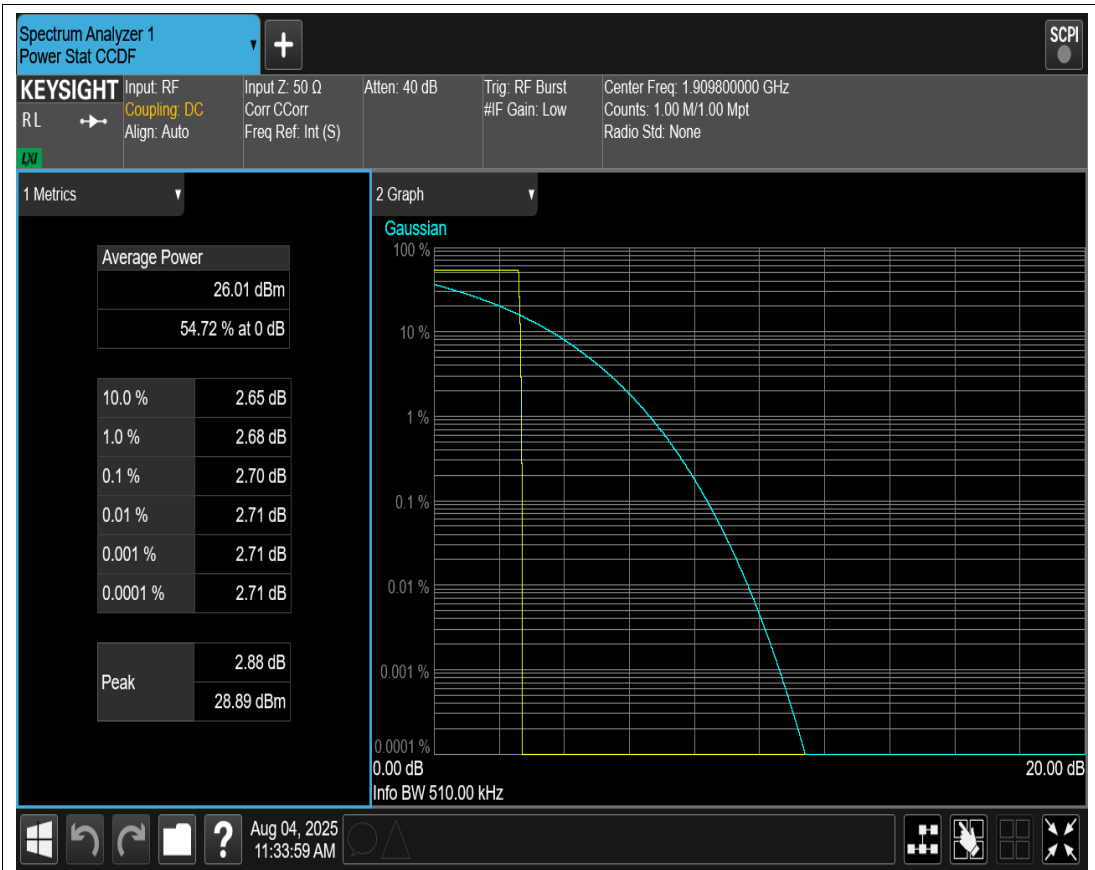
EGPRS1900 Channel=810



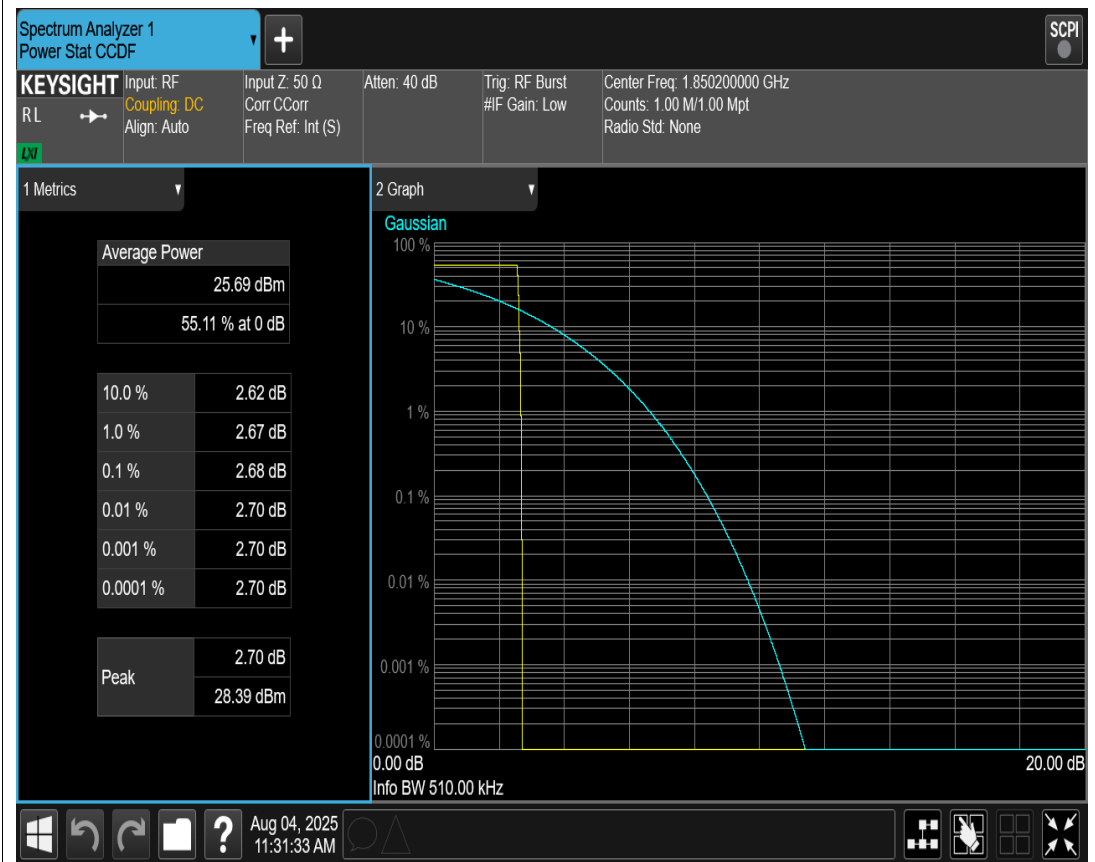
GPRS1900 Channel=512



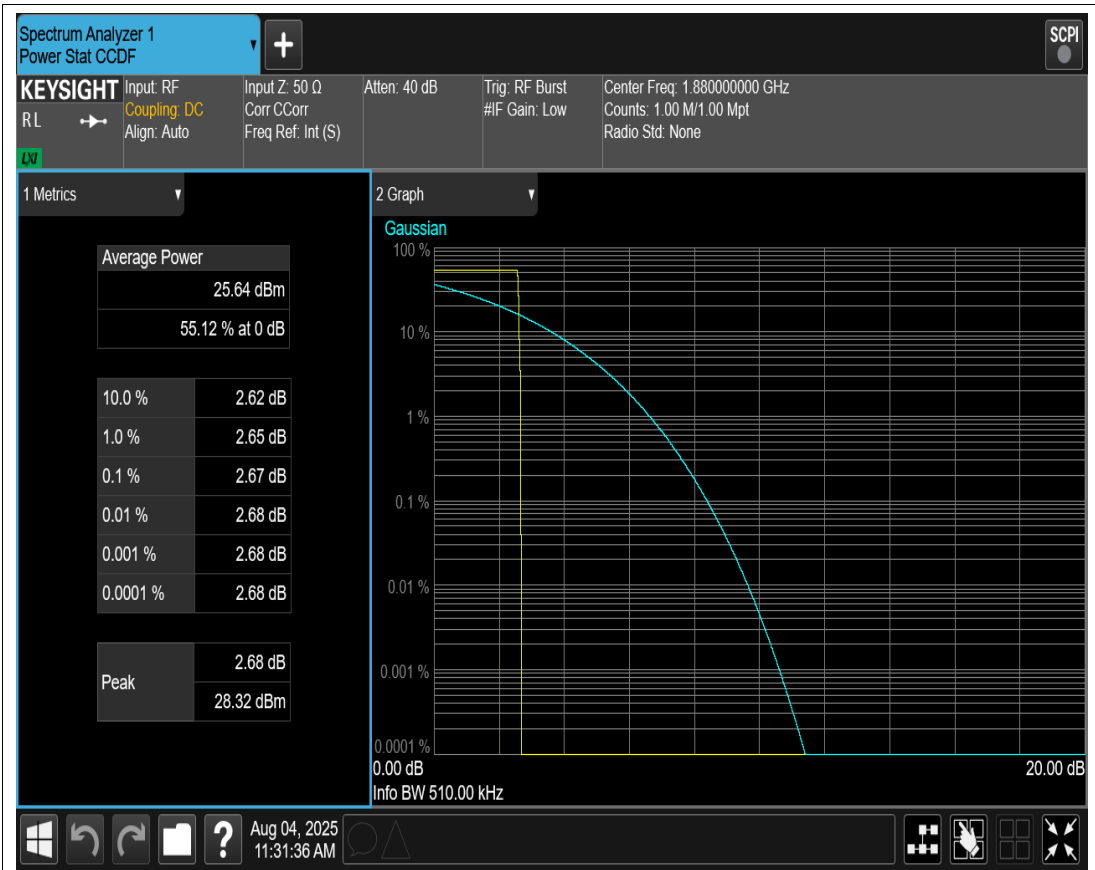
GPRS1900 Channel=661



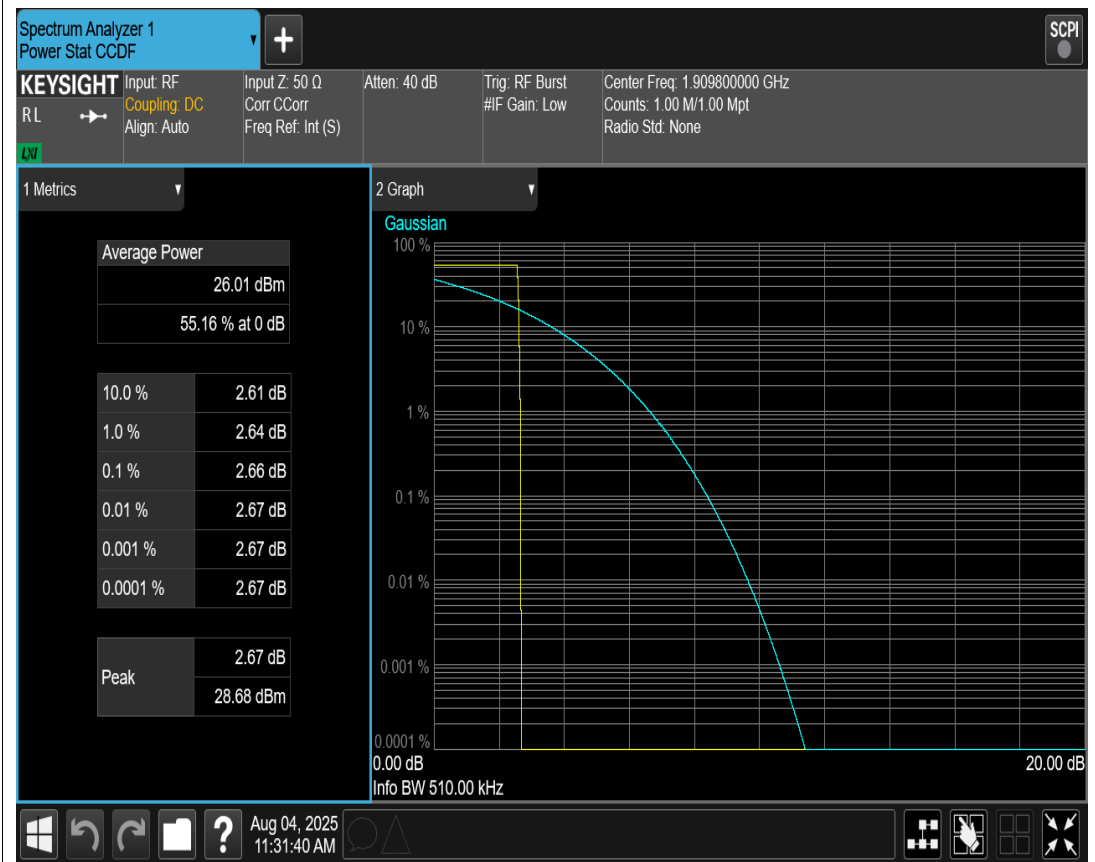
GPRS1900 Channel=810



GSM1900 Channel=512



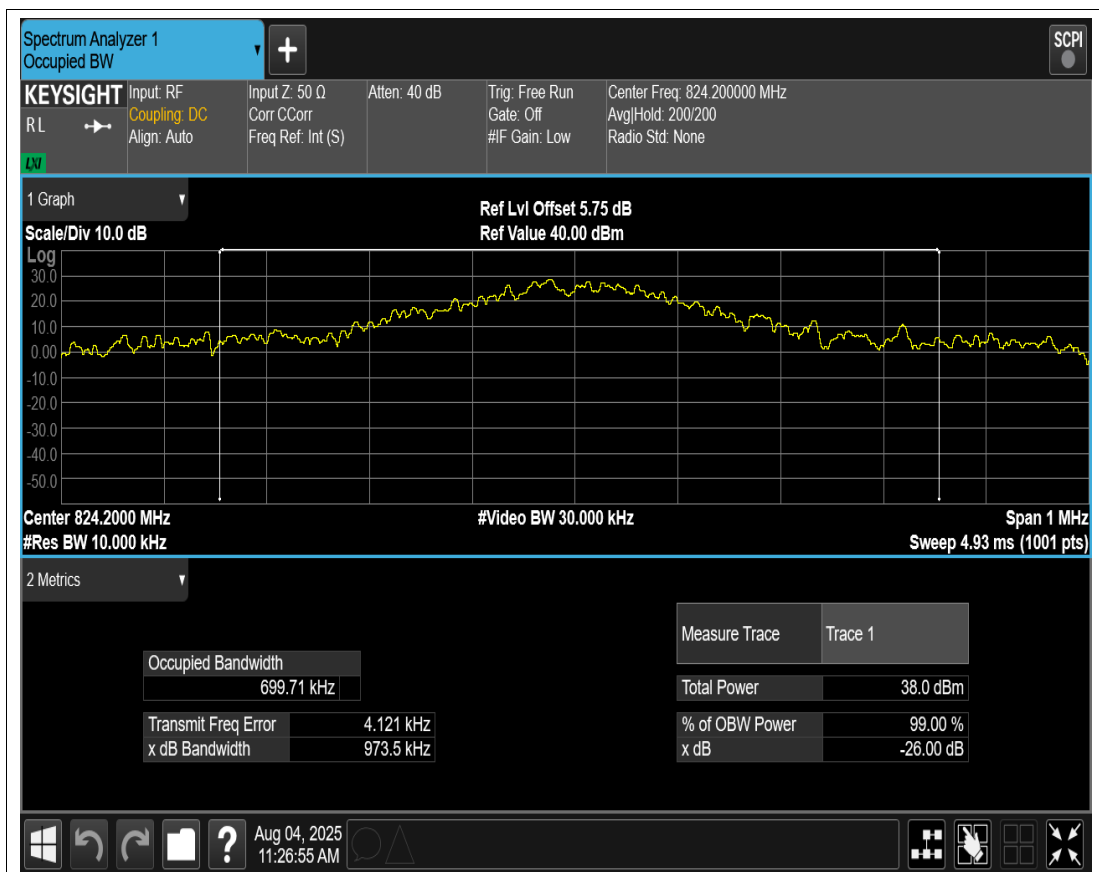
GSM1900 Channel=661



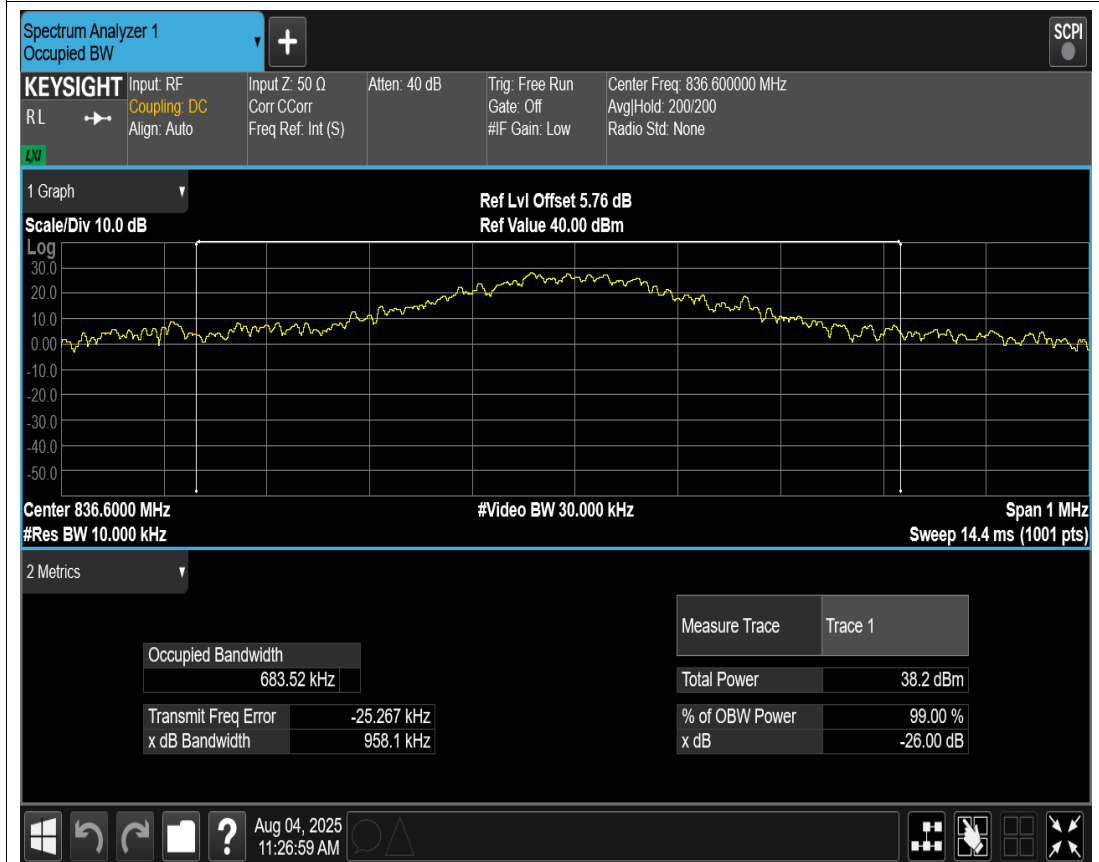
GSM1900 Channel=810

Occupied bandwidth

<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>99% OBW (kHz)</i>	<i>-26dB EBW (kHz)</i>	<i>Verdict</i>
EGPRS850	128	824.2	699.711	973.490	PASS
EGPRS850	190	836.6	683.519	958.053	PASS
EGPRS850	251	848.8	664.523	971.915	PASS
GPRS850	128	824.2	248.981	321.862	PASS
GPRS850	190	836.6	242.626	307.657	PASS
GPRS850	251	848.8	245.373	311.994	PASS
GSM850	128	824.2	245.013	313.142	PASS
GSM850	190	836.6	242.772	306.895	PASS
GSM850	251	848.8	245.096	306.575	PASS
EGPRS1900	512	1850.2	316.942	422.072	PASS
EGPRS1900	661	1880	341.458	463.869	PASS
EGPRS1900	810	1909.8	342.268	458.040	PASS
GPRS1900	512	1850.2	239.666	315.460	PASS
GPRS1900	661	1880	244.954	315.226	PASS
GPRS1900	810	1909.8	245.231	311.978	PASS
GSM1900	512	1850.2	237.586	301.453	PASS
GSM1900	661	1880	241.054	314.077	PASS
GSM1900	810	1909.8	243.864	300.182	PASS



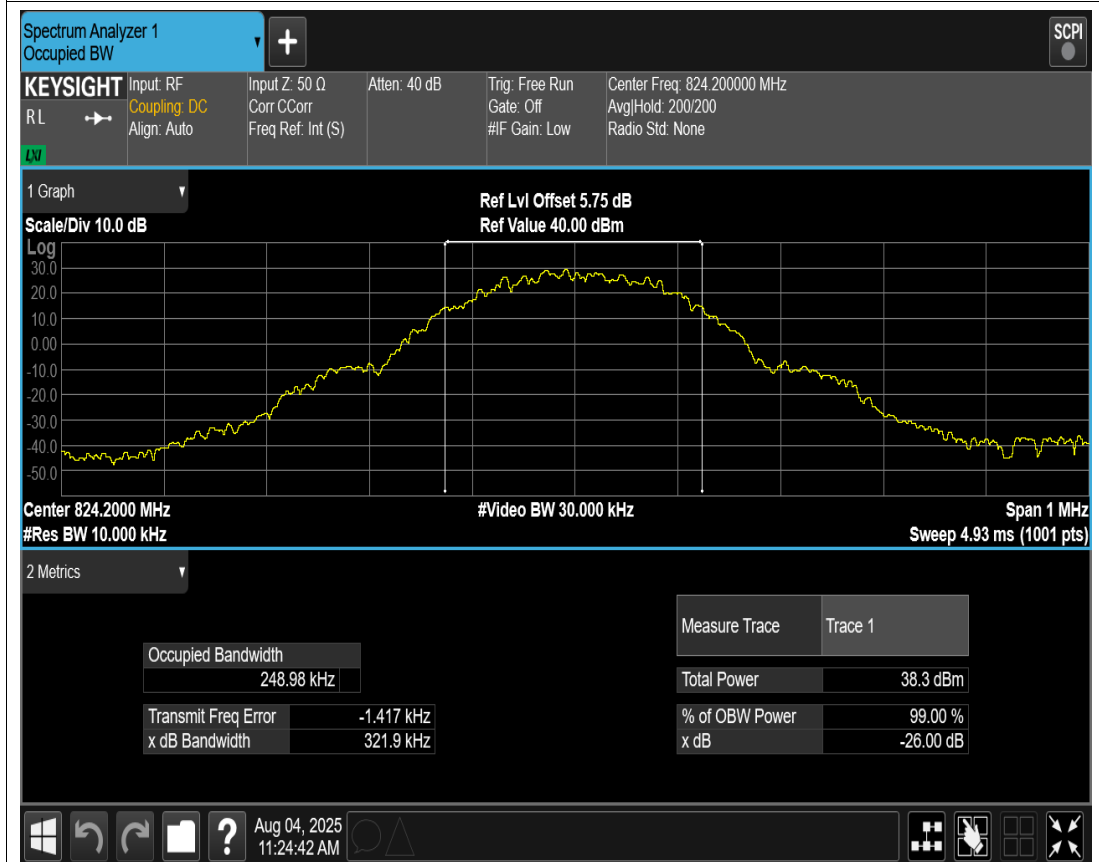
EGPRS850 Channel=128



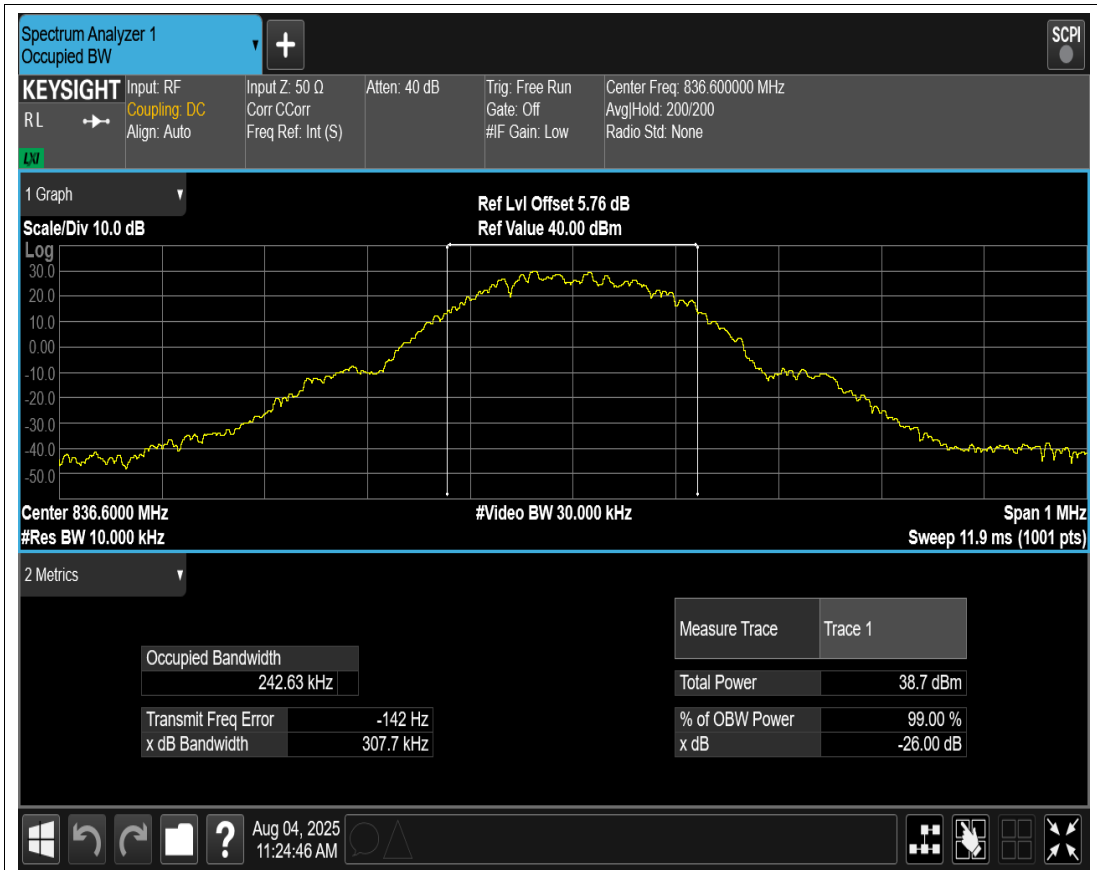
EGPRS850 Channel=190



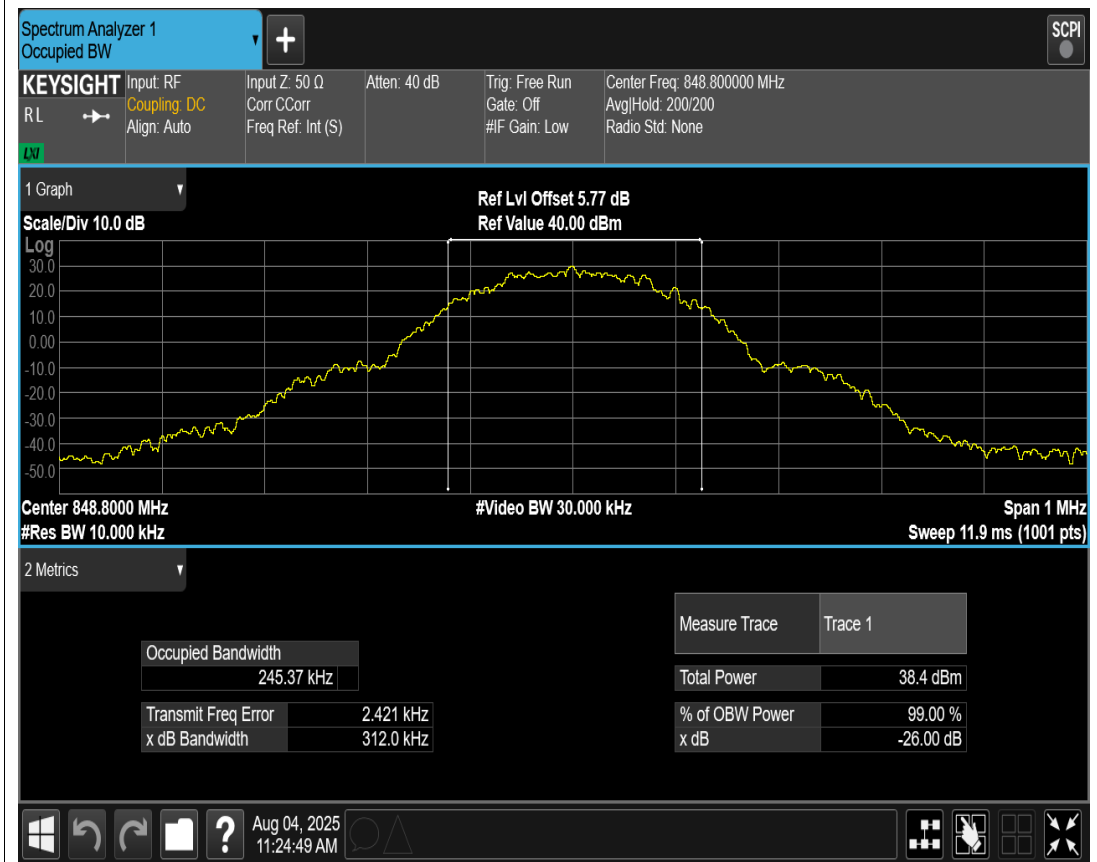
EGPRS850 Channel=251



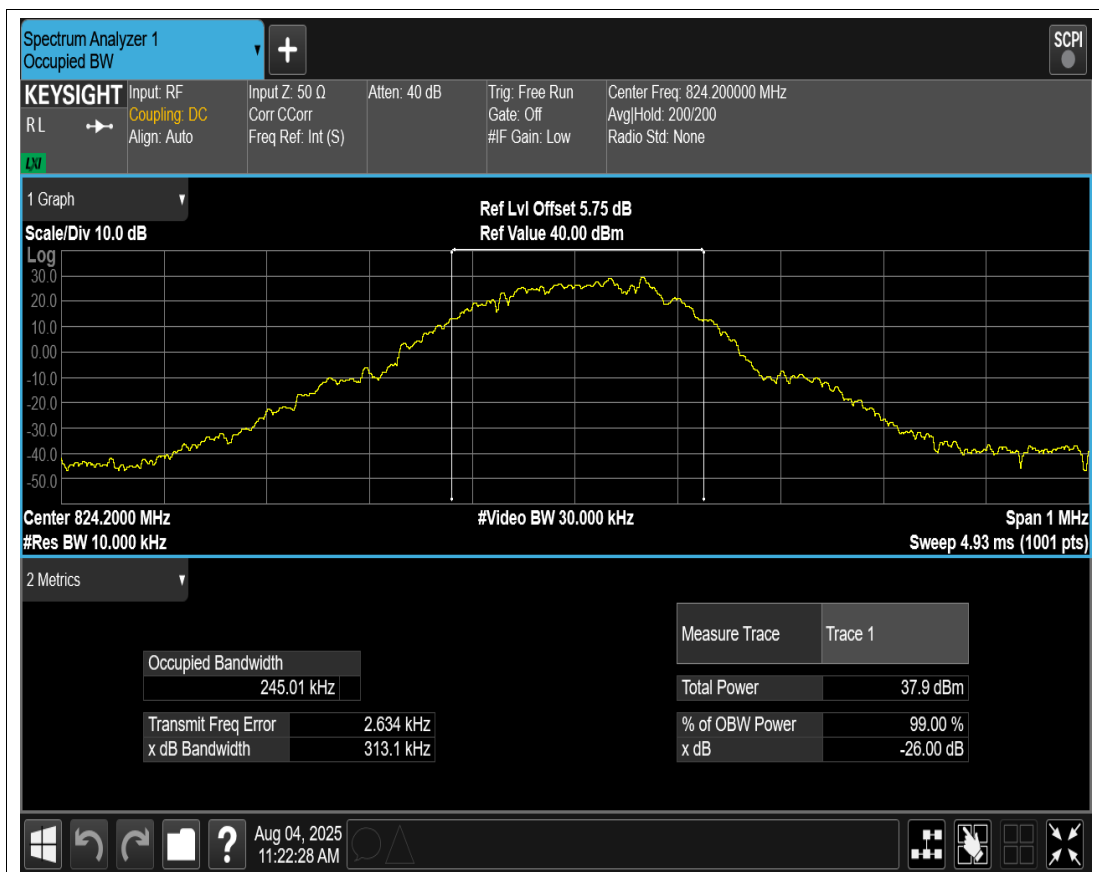
GPRS850 Channel=128



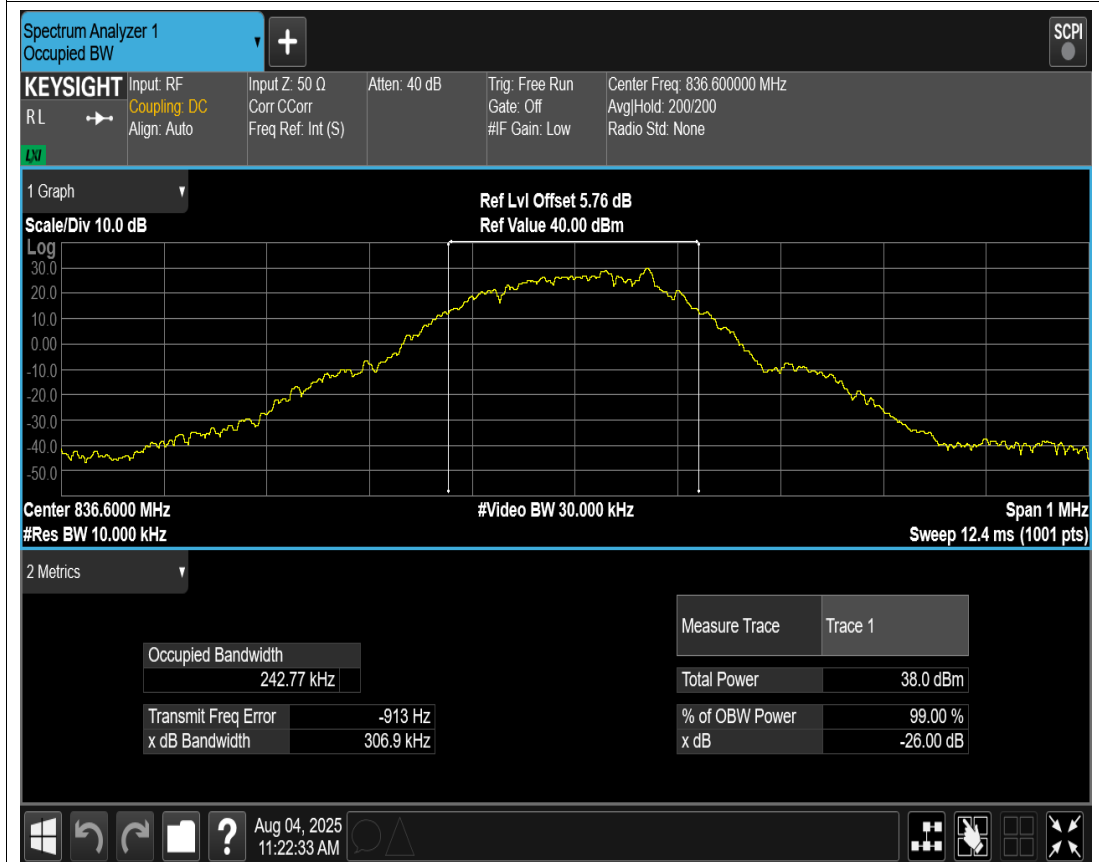
GPRS850 Channel=190



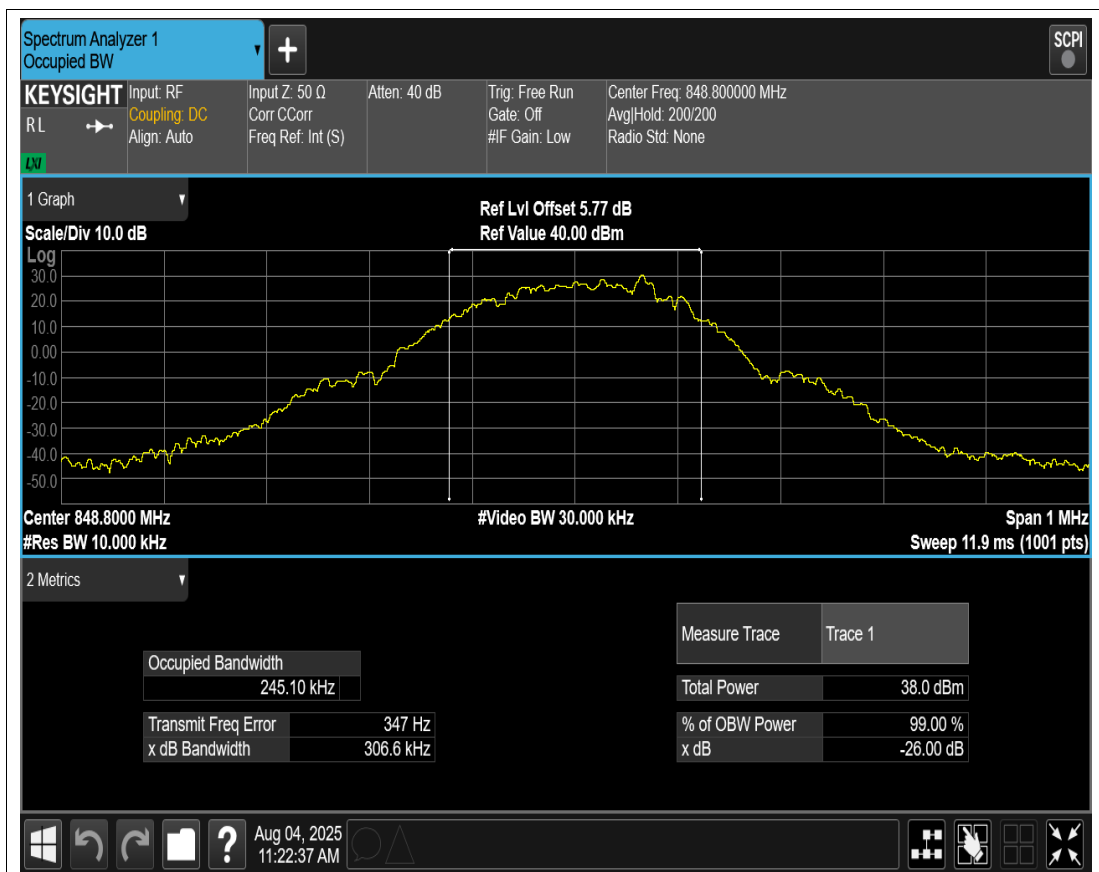
GPRS850 Channel=251



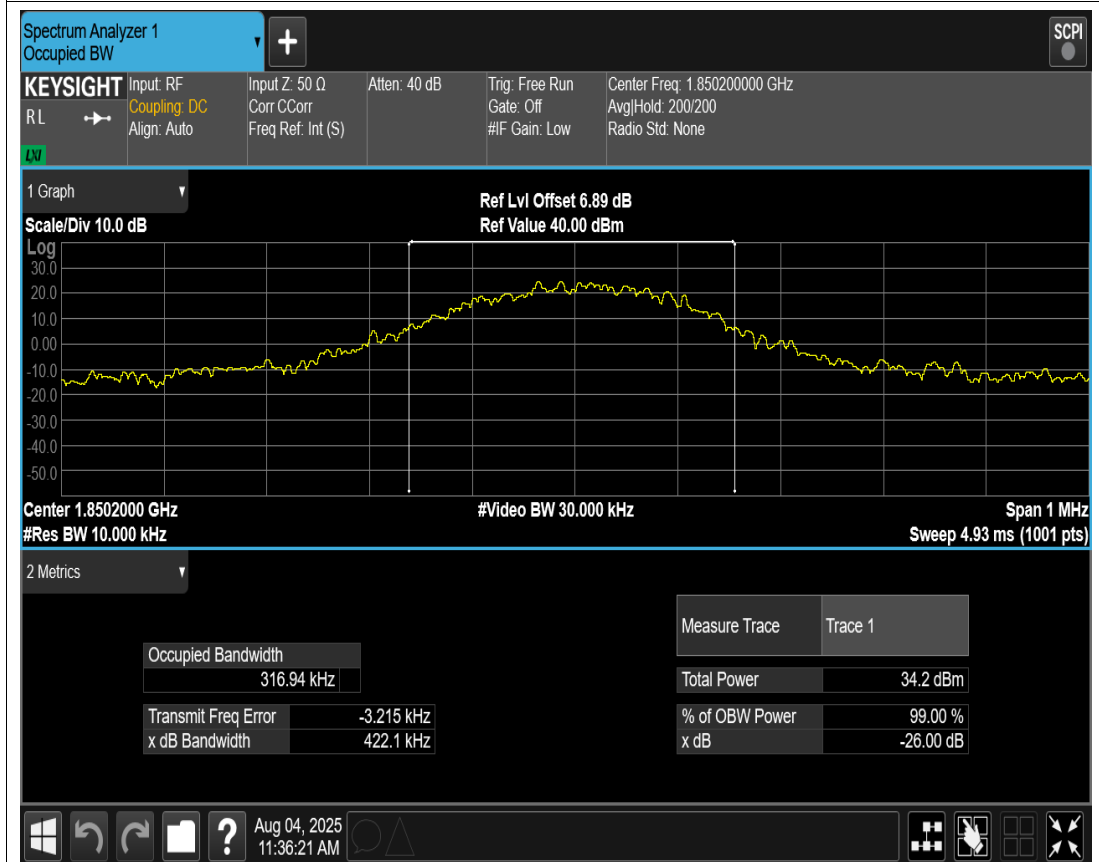
GSM850 Channel=128



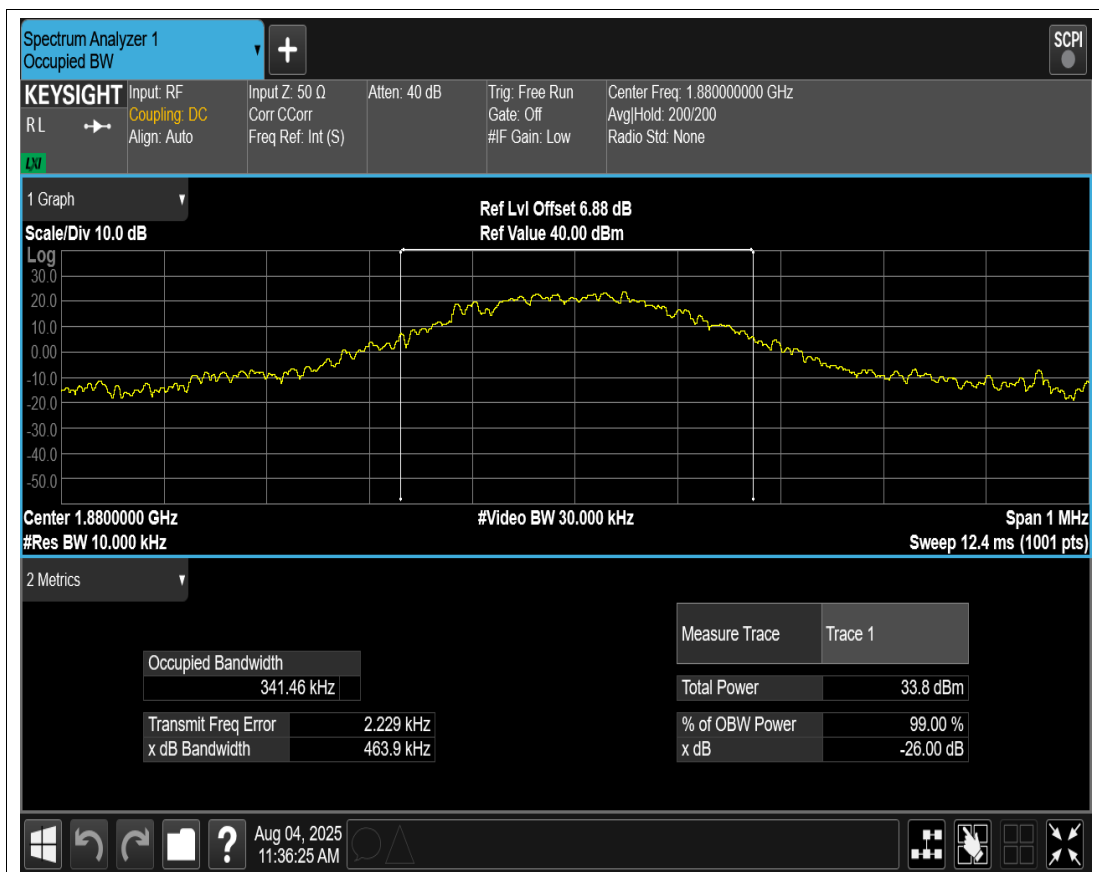
GSM850 Channel=190



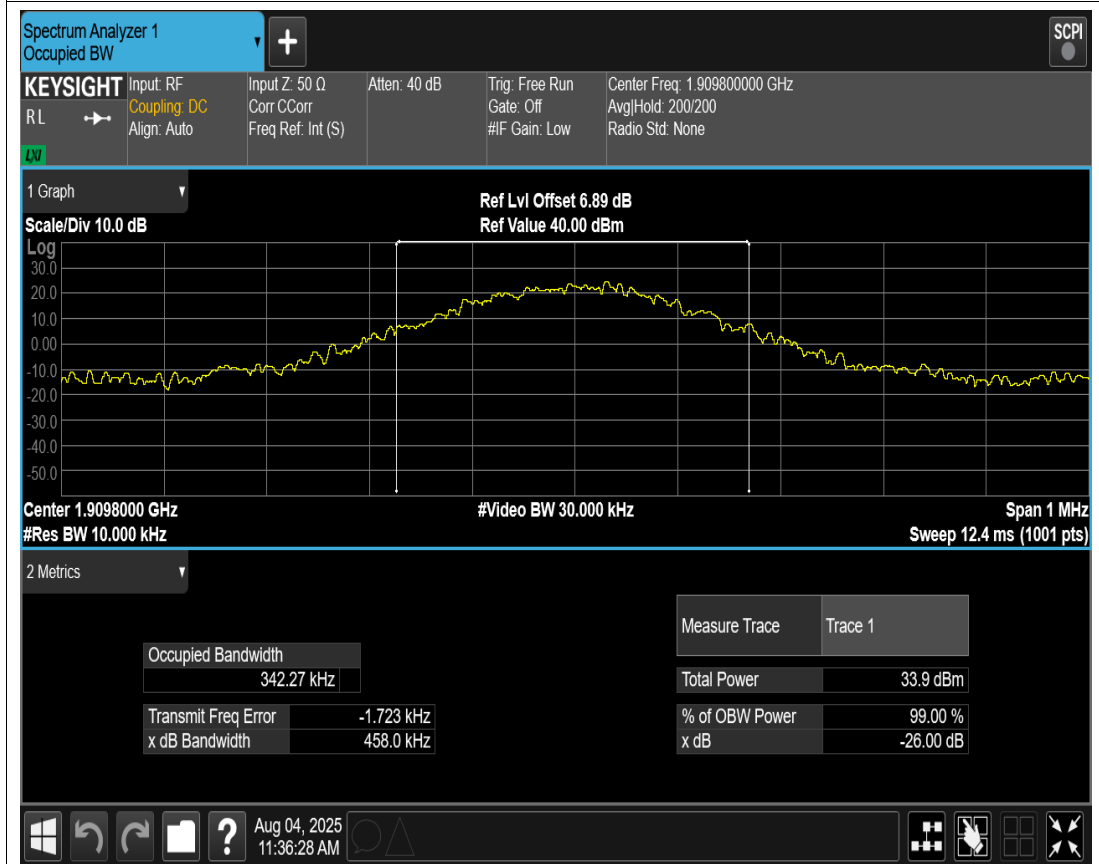
GSM850 Channel=251



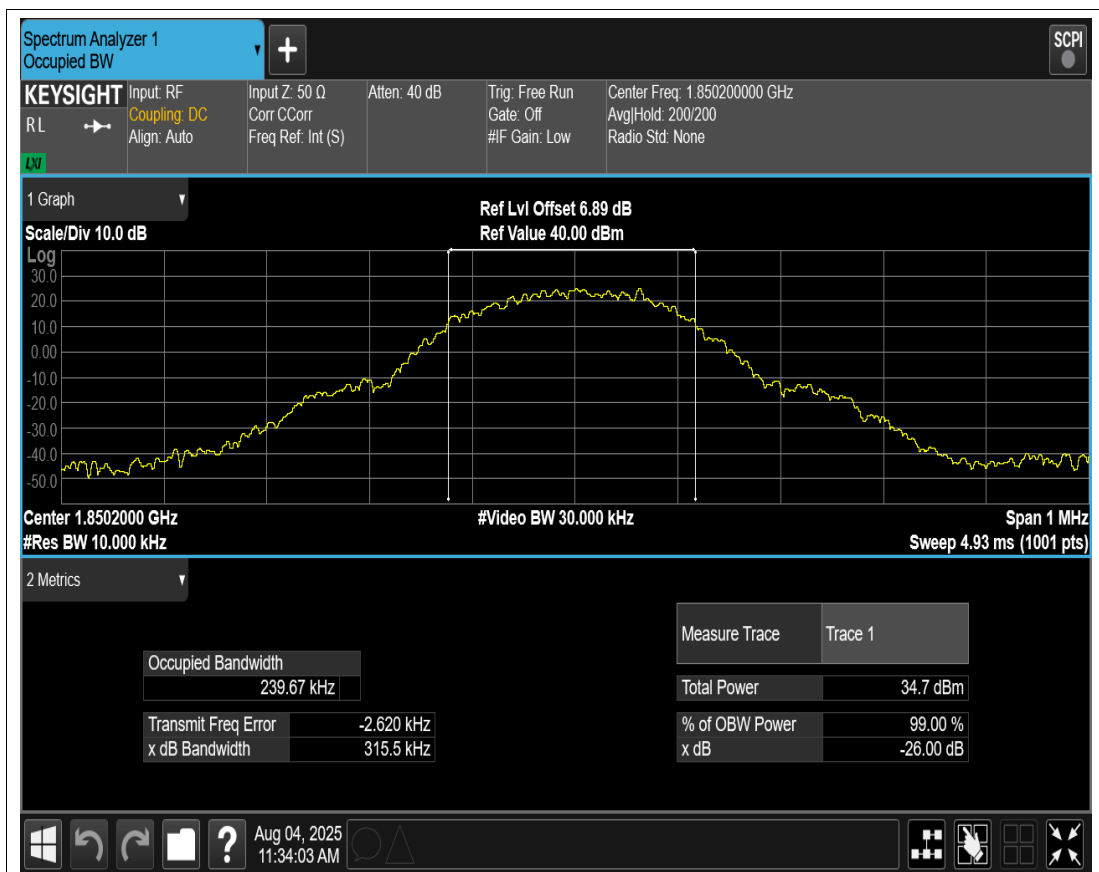
EGPRS1900 Channel=512



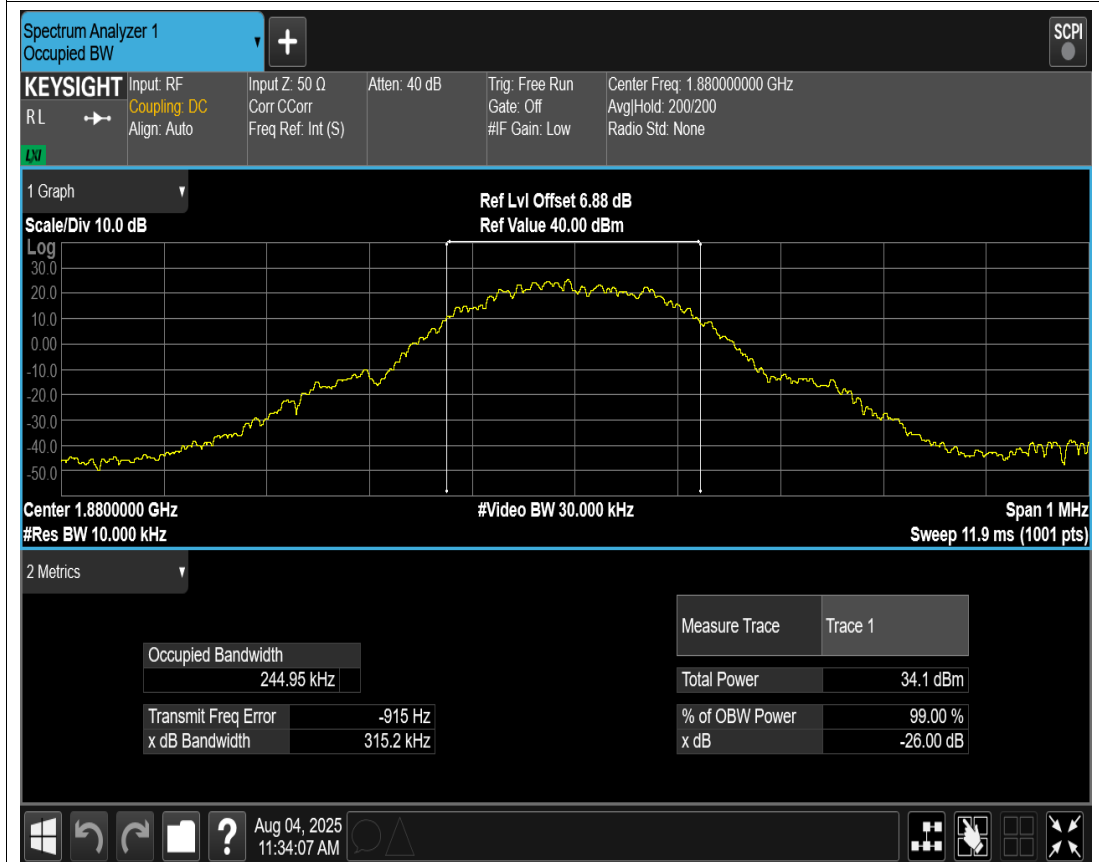
EGPRS1900 Channel=661



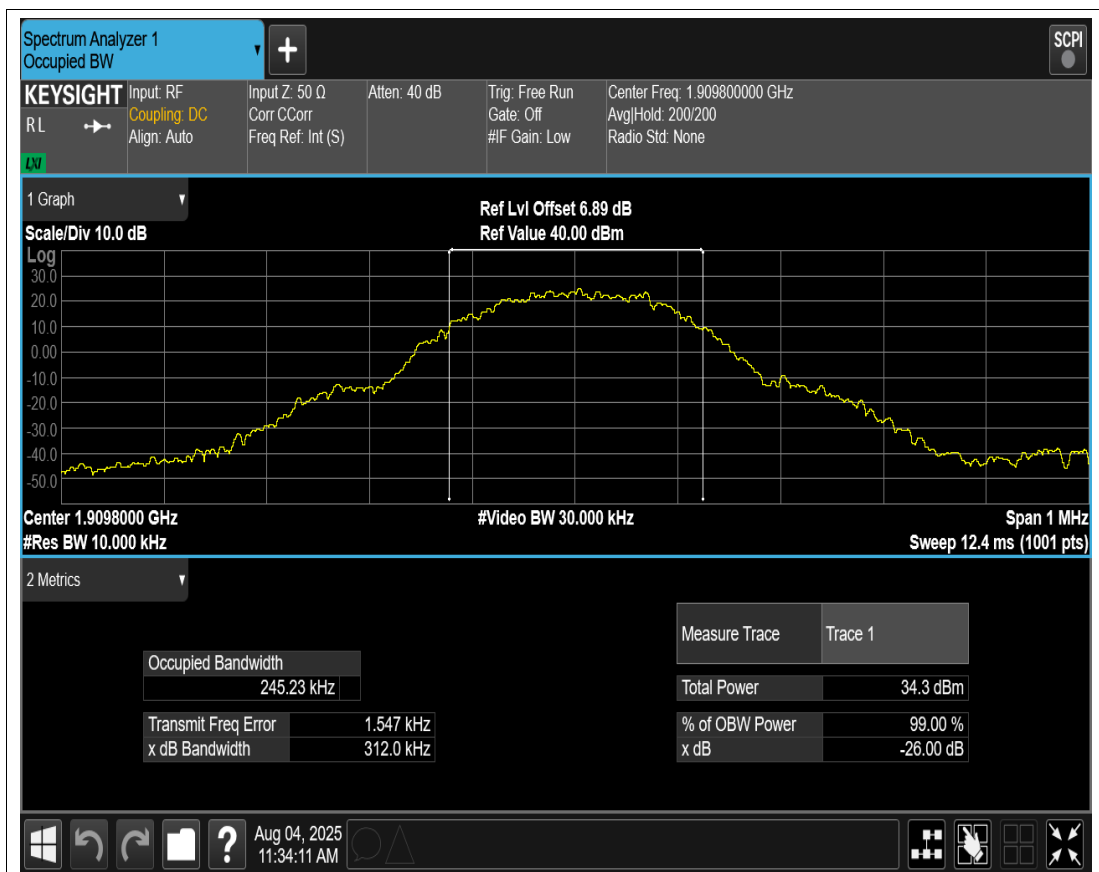
EGPRS1900 Channel=810



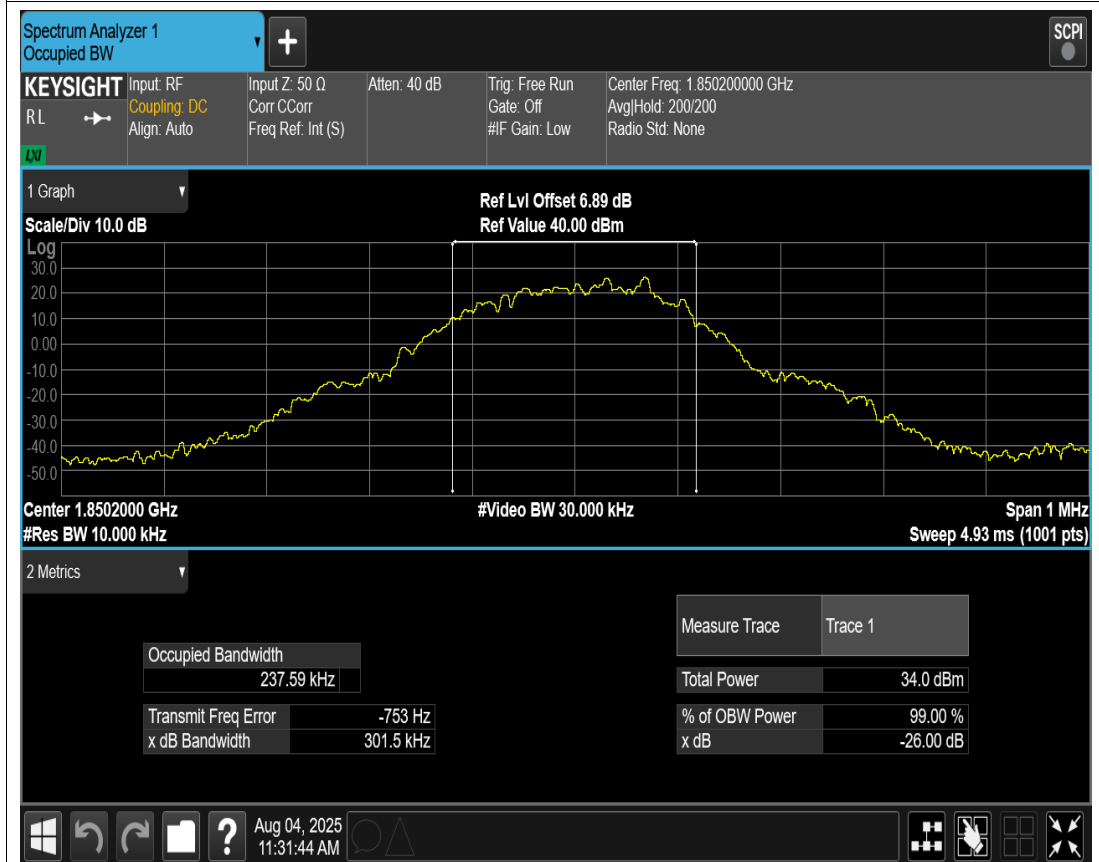
GPRS1900 Channel=512



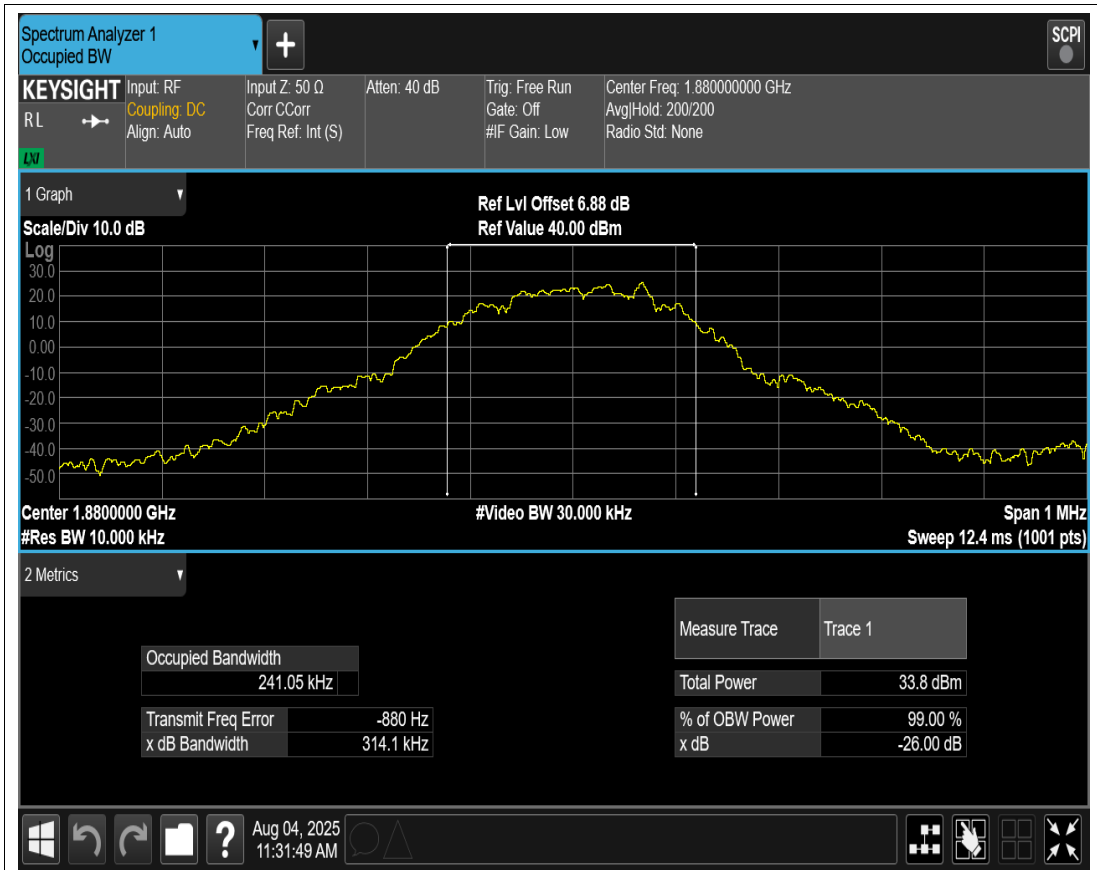
GPRS1900 Channel=661



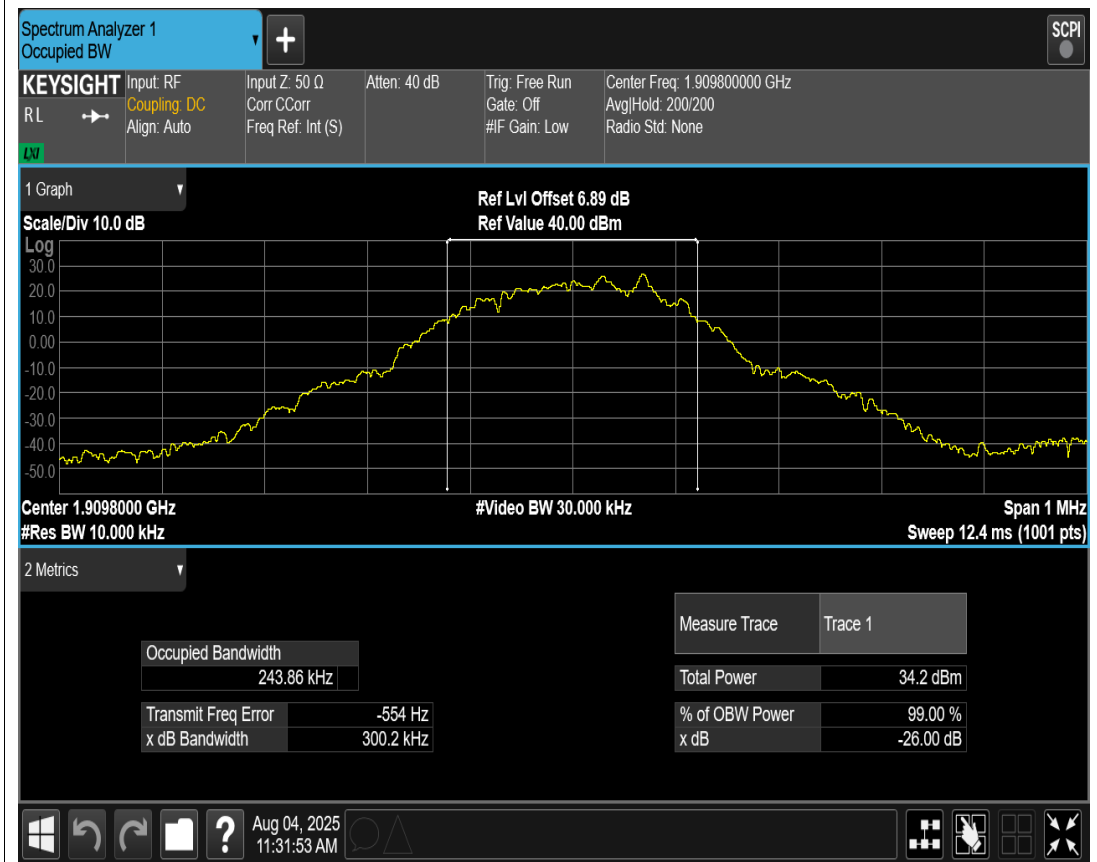
GPRS1900 Channel=810



GSM1900 Channel=512



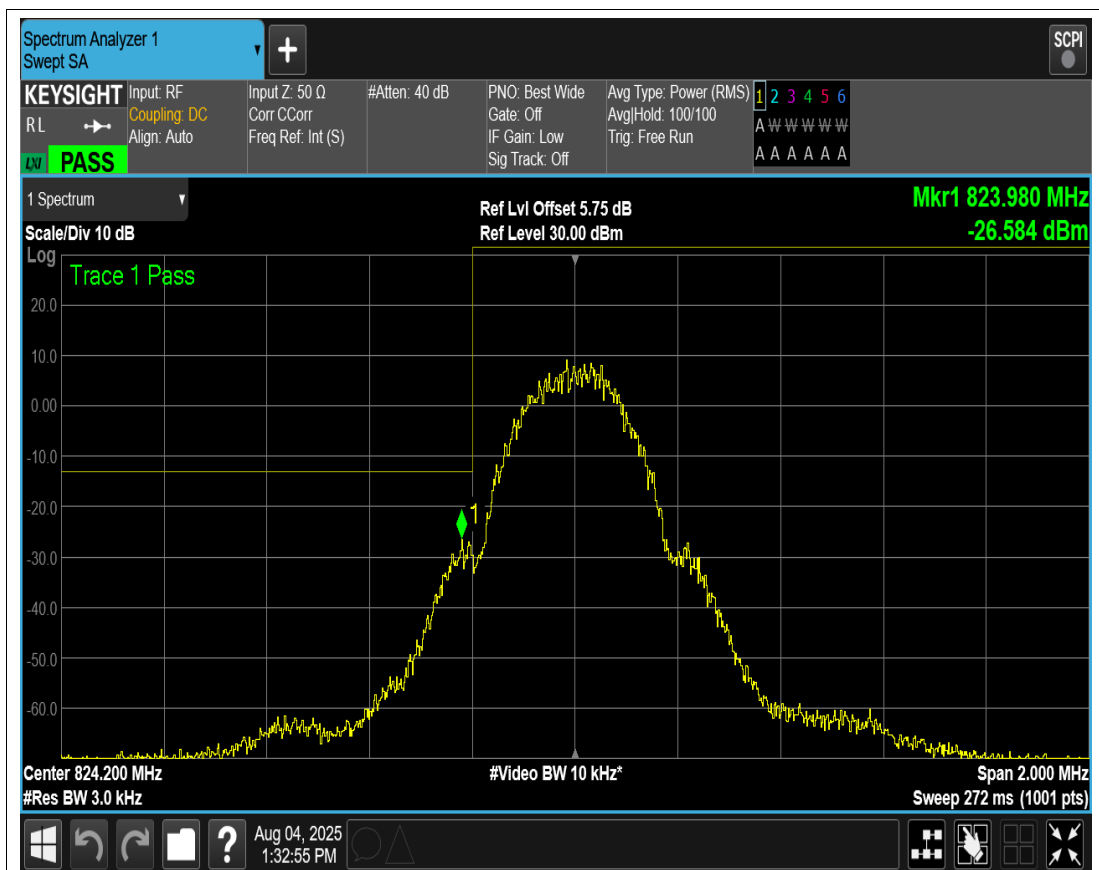
GSM1900 Channel=661



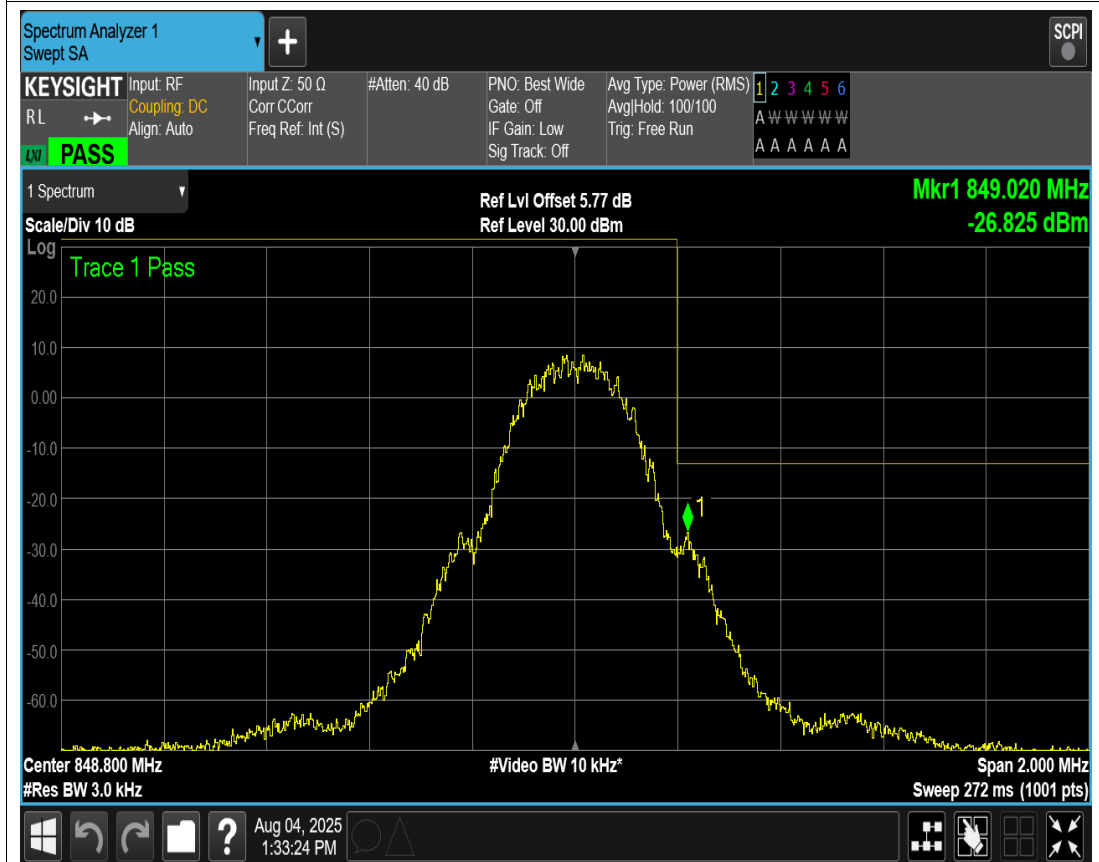
GSM1900 Channel=810

Band edge

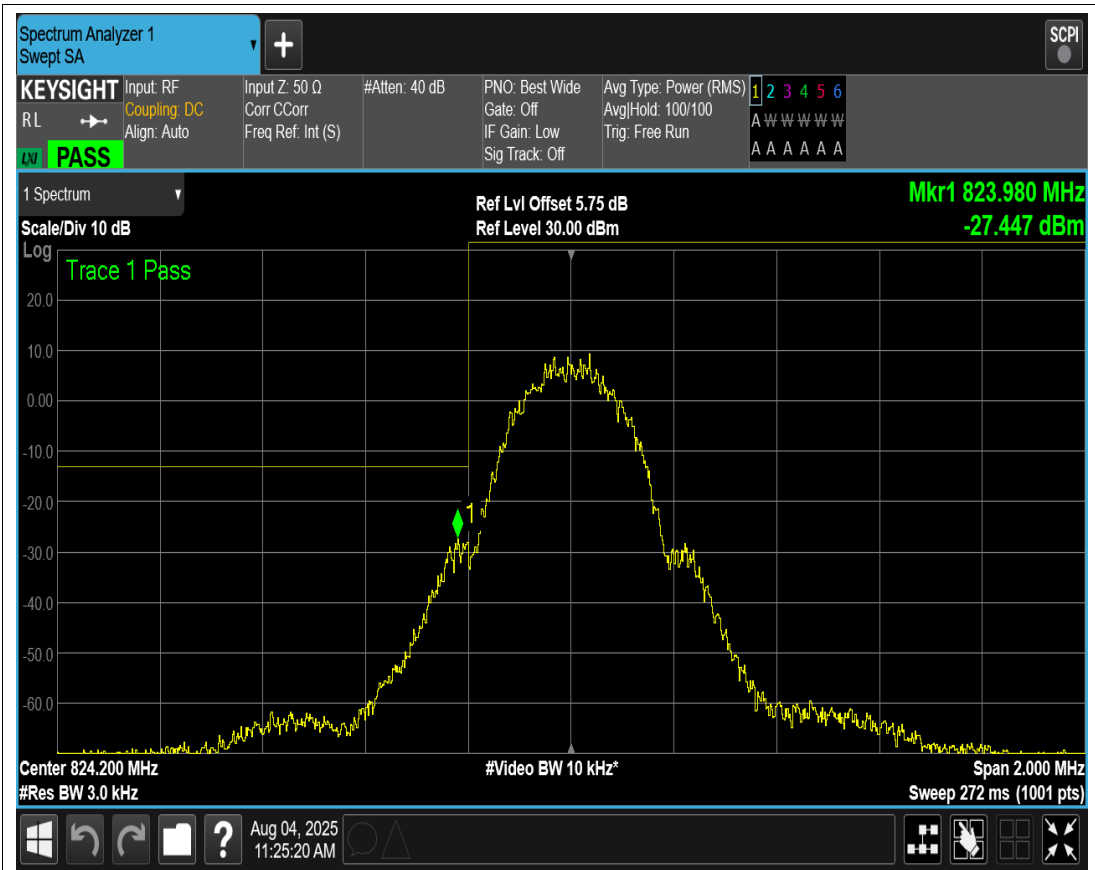
<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
EGPRS850	128	824.2	823.98	-26.58	-13	PASS
EGPRS850	251	848.8	849.02	-26.82	-13	PASS
GPRS850	128	824.2	823.98	-27.44	-13	PASS
GPRS850	251	848.8	849.02	-26.71	-13	PASS
GSM850	128	824.2	824.00	-24.57	-13	PASS
GSM850	251	848.8	849.02	-27.18	-13	PASS
EGPRS1900	512	1850.2	1850.00	-20.34	-13	PASS
EGPRS1900	810	1909.8	1910.00	-19.52	-13	PASS
GPRS1900	512	1850.2	1849.98	-30.28	-13	PASS
GPRS1900	810	1909.8	1910.02	-30.43	-13	PASS
GSM1900	512	1850.2	1849.99	-29.37	-13	PASS
GSM1900	810	1909.8	1910.02	-29.49	-13	PASS



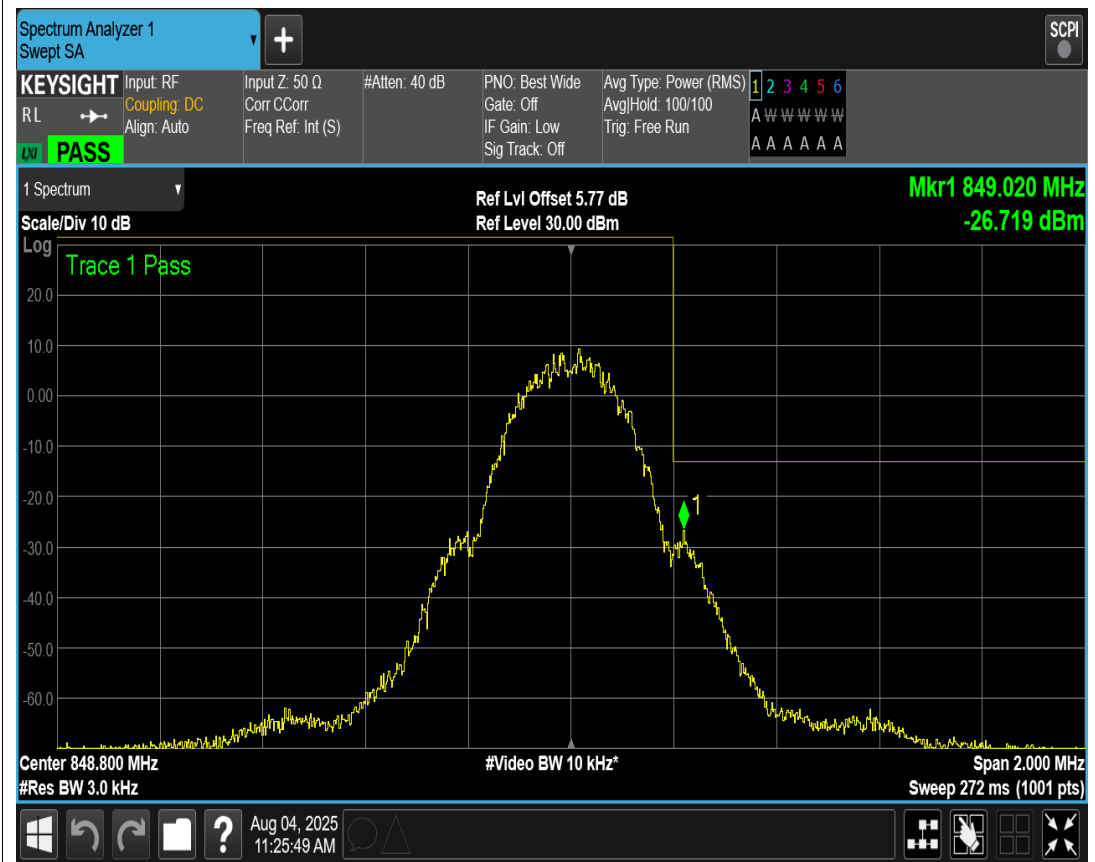
EGPRS850 Channel=128



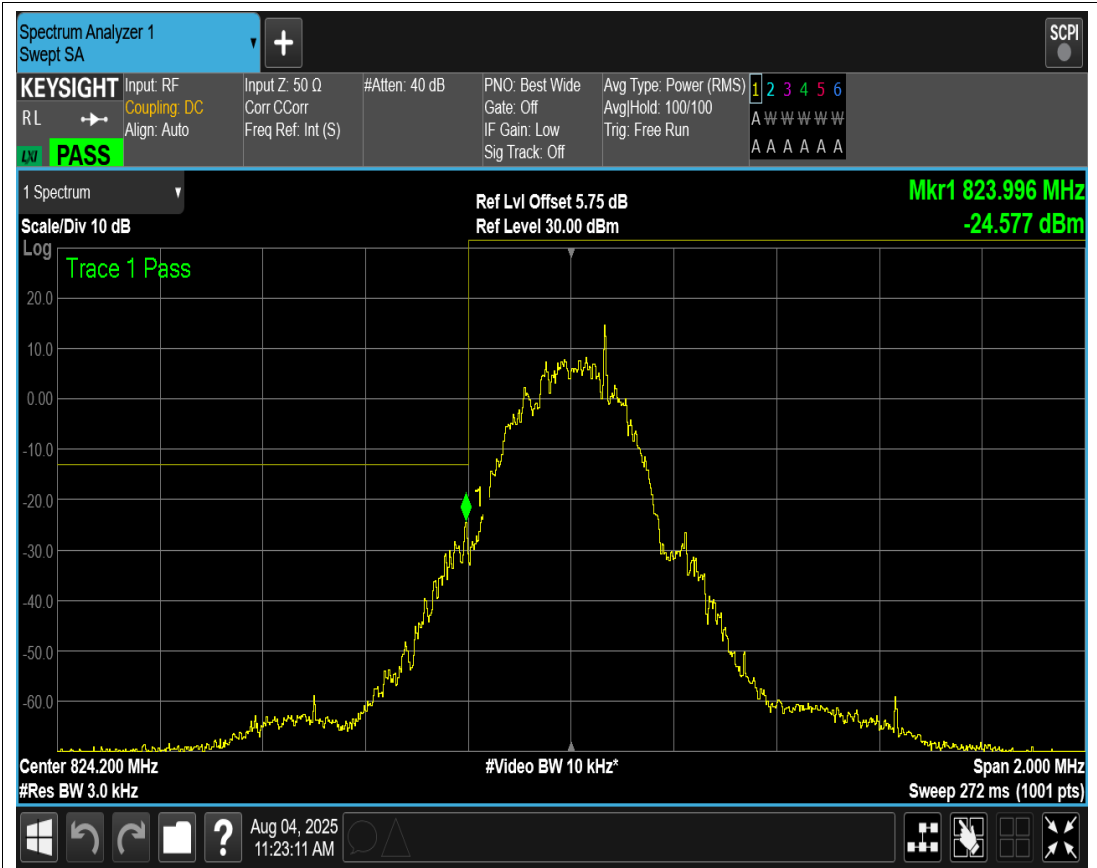
EGPRS850 Channel=251



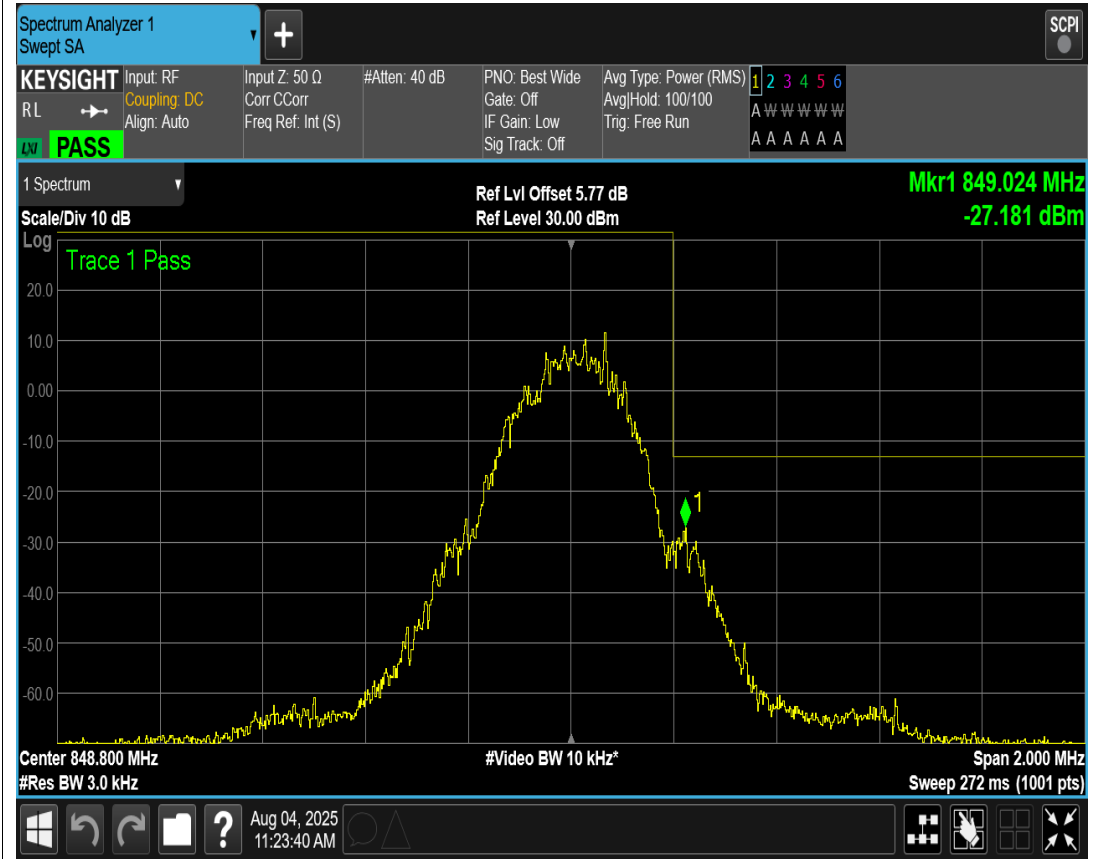
GPRS850 Channel=128



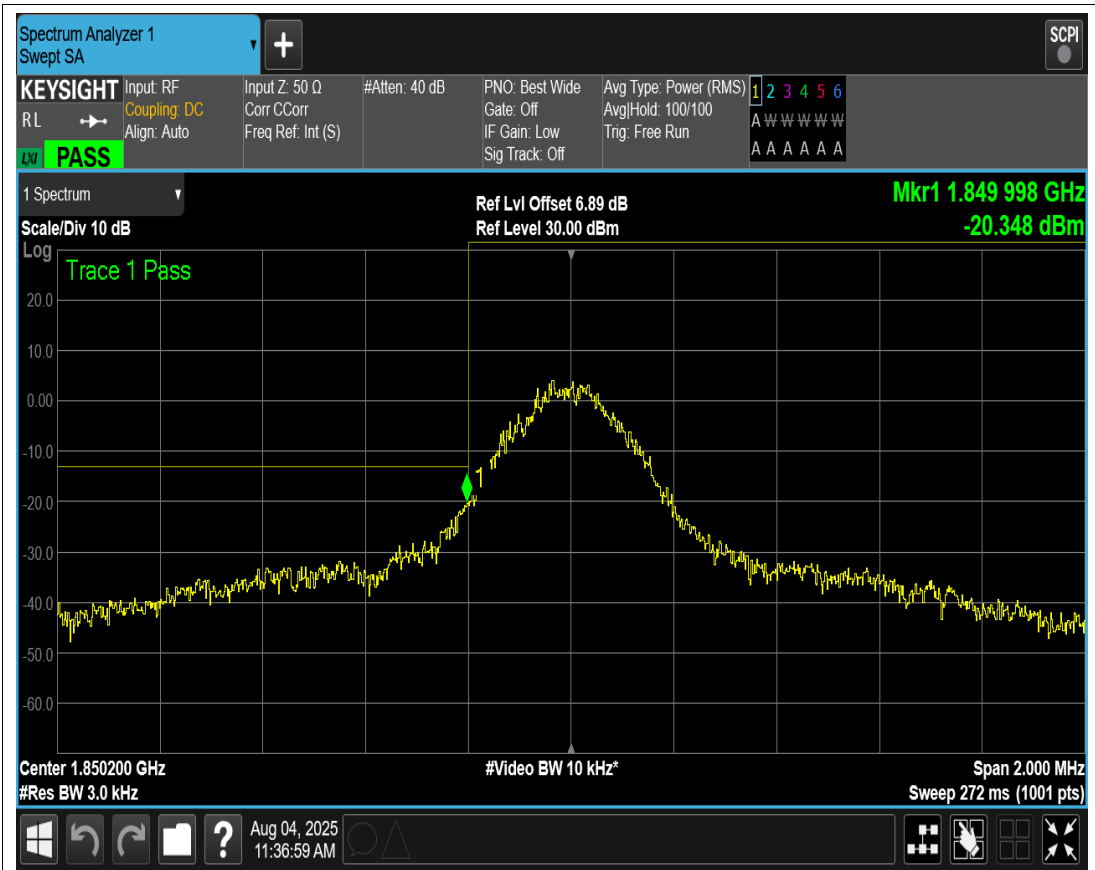
GPRS850 Channel=251



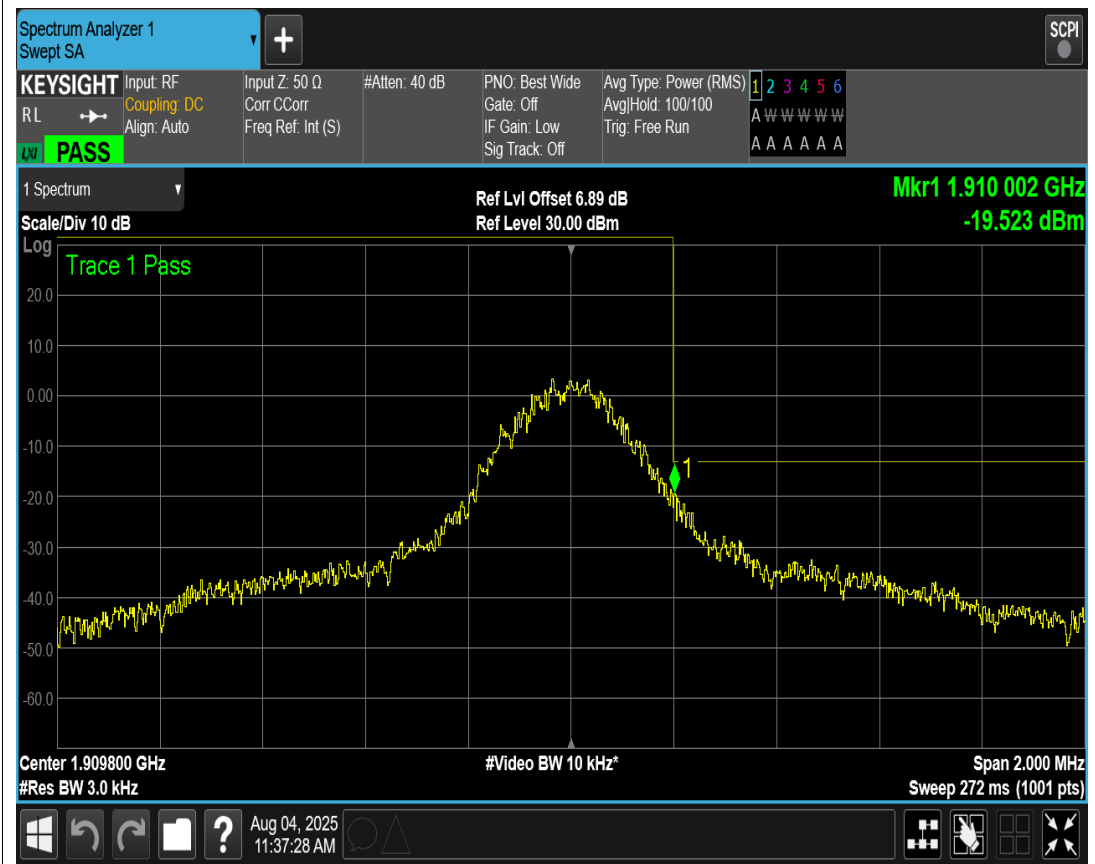
GSM850 Channel=128



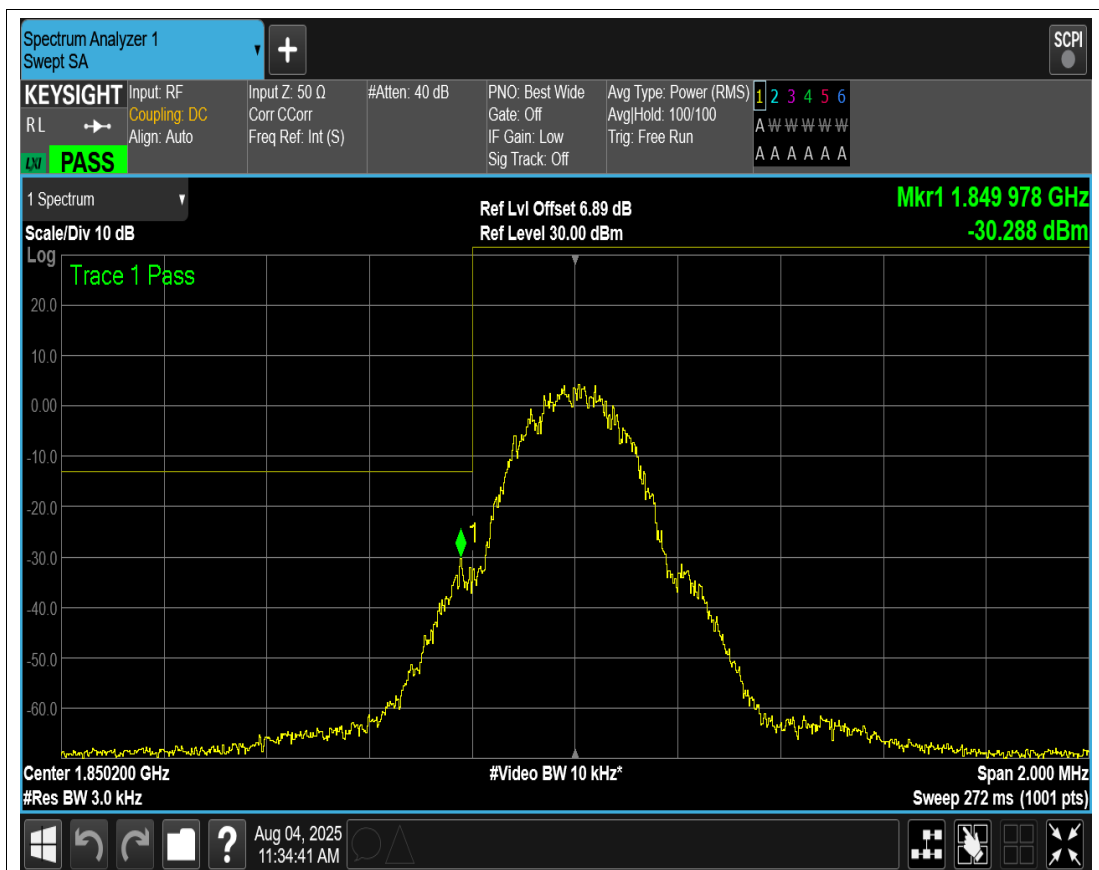
GSM850 Channel=251



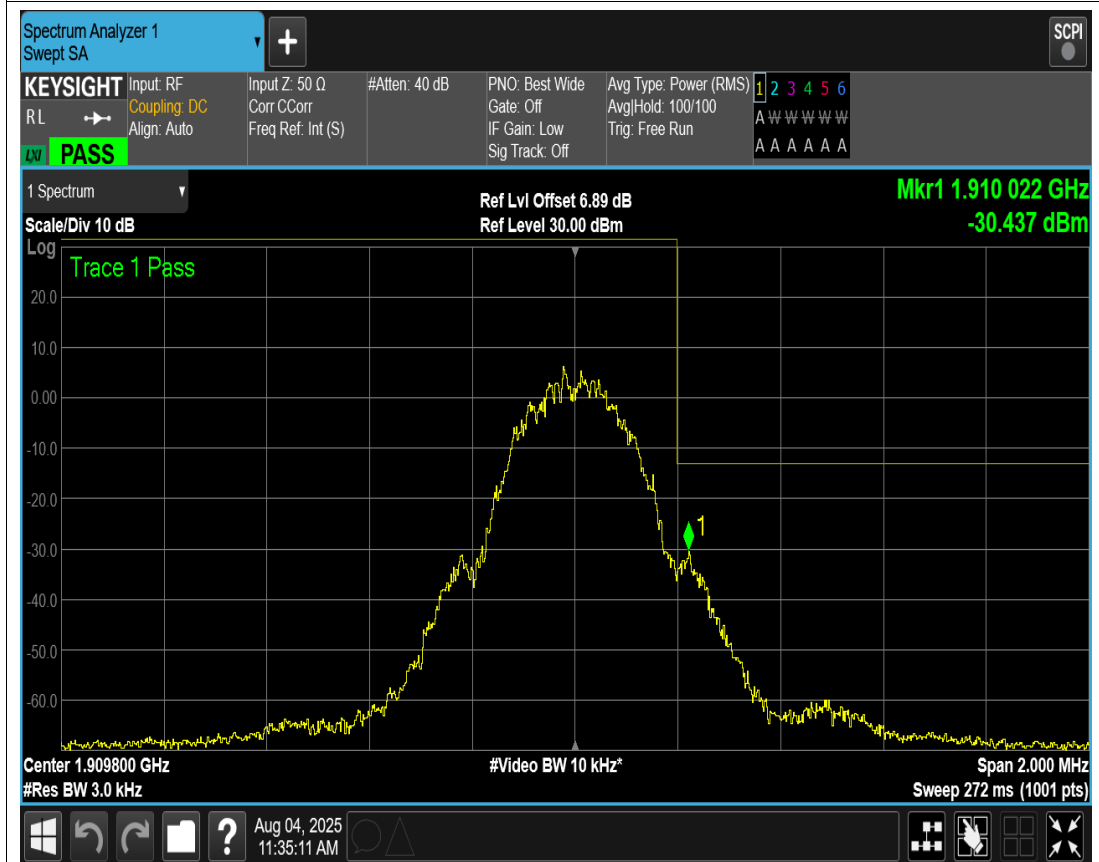
EGPRS1900 Channel=512



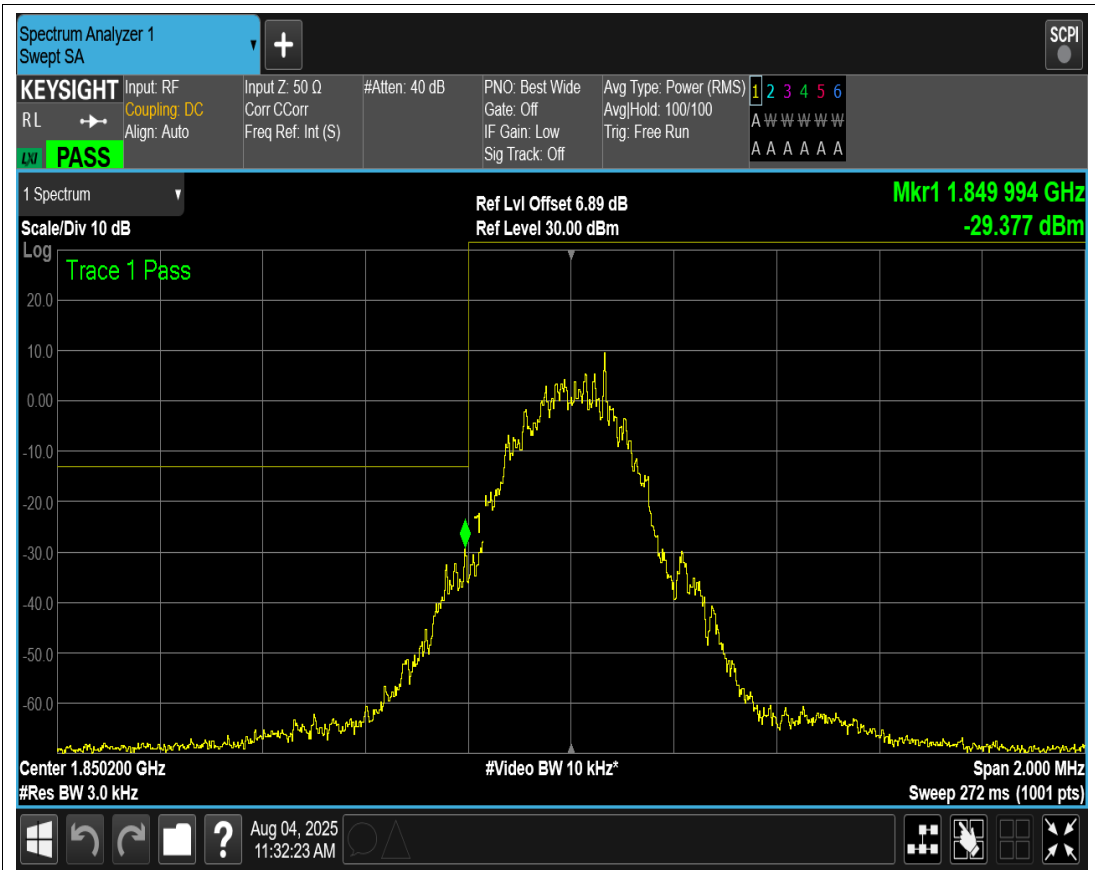
EGPRS1900 Channel=810



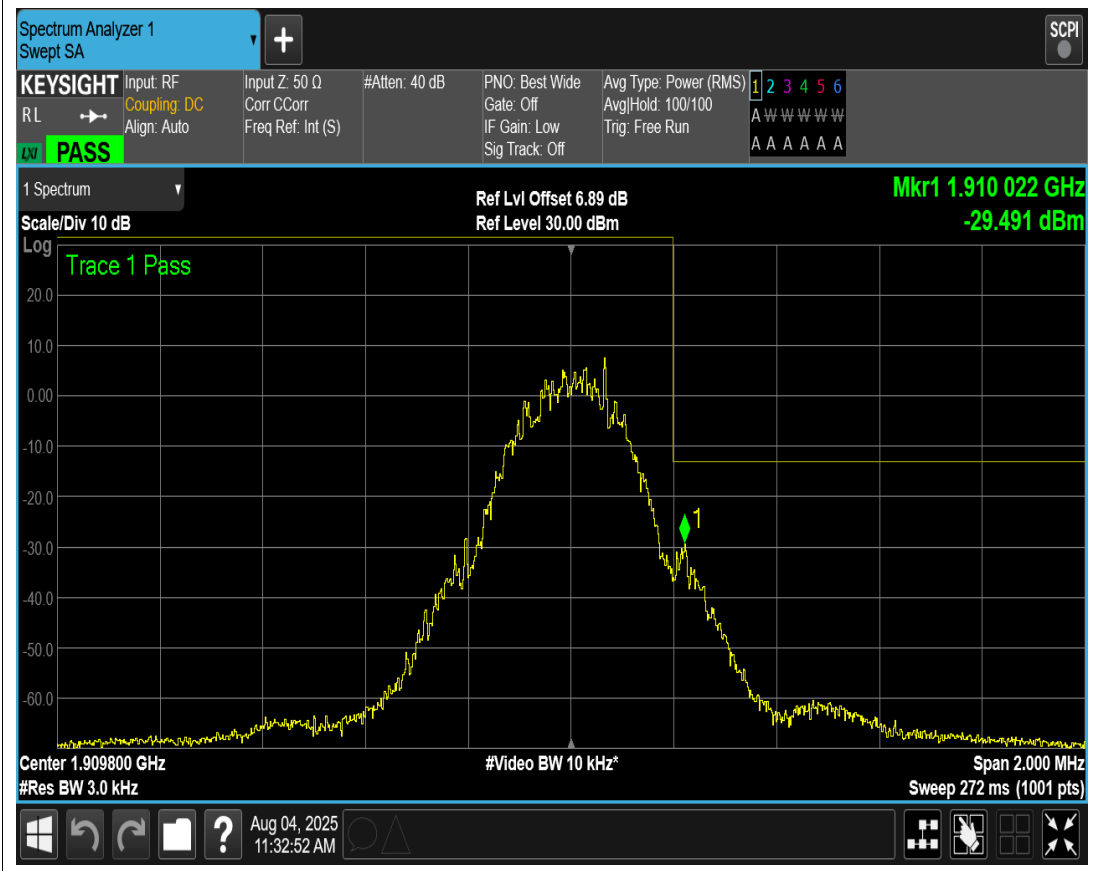
GPRS1900 Channel=512



GPRS1900 Channel=810

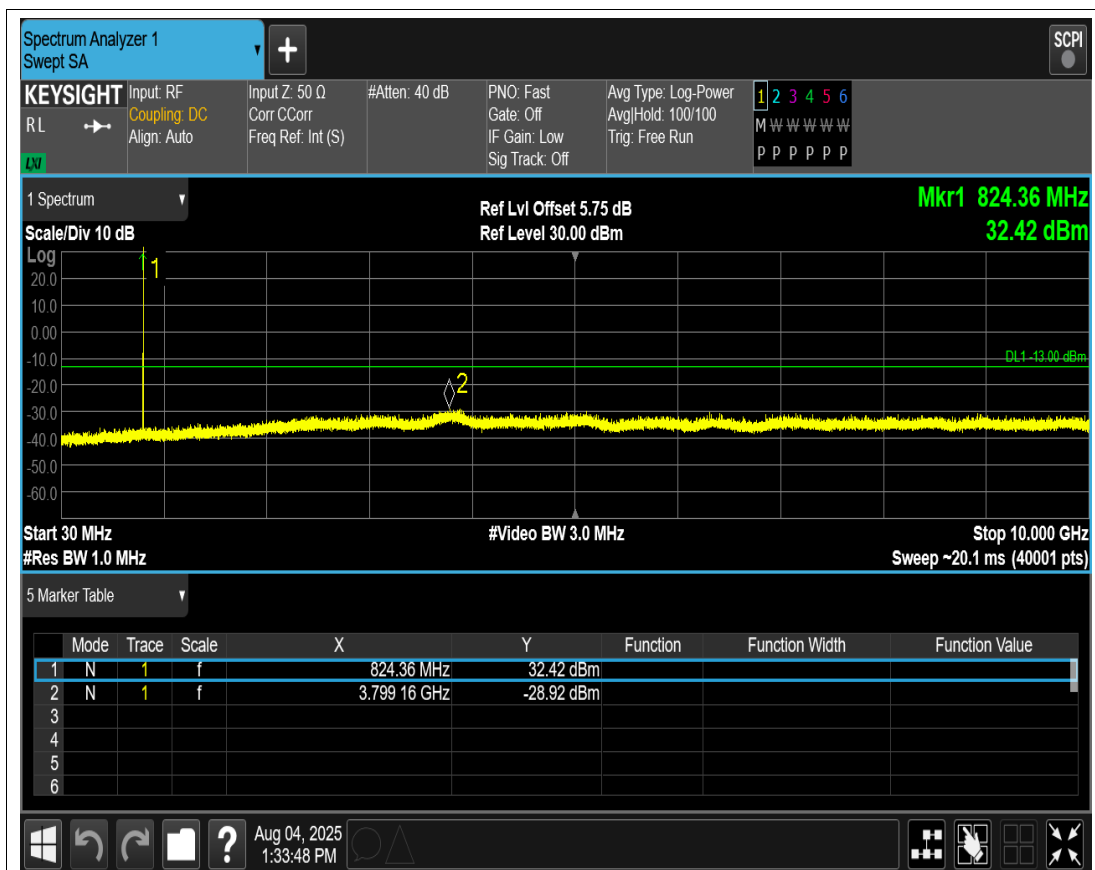


GSM1900 Channel=512

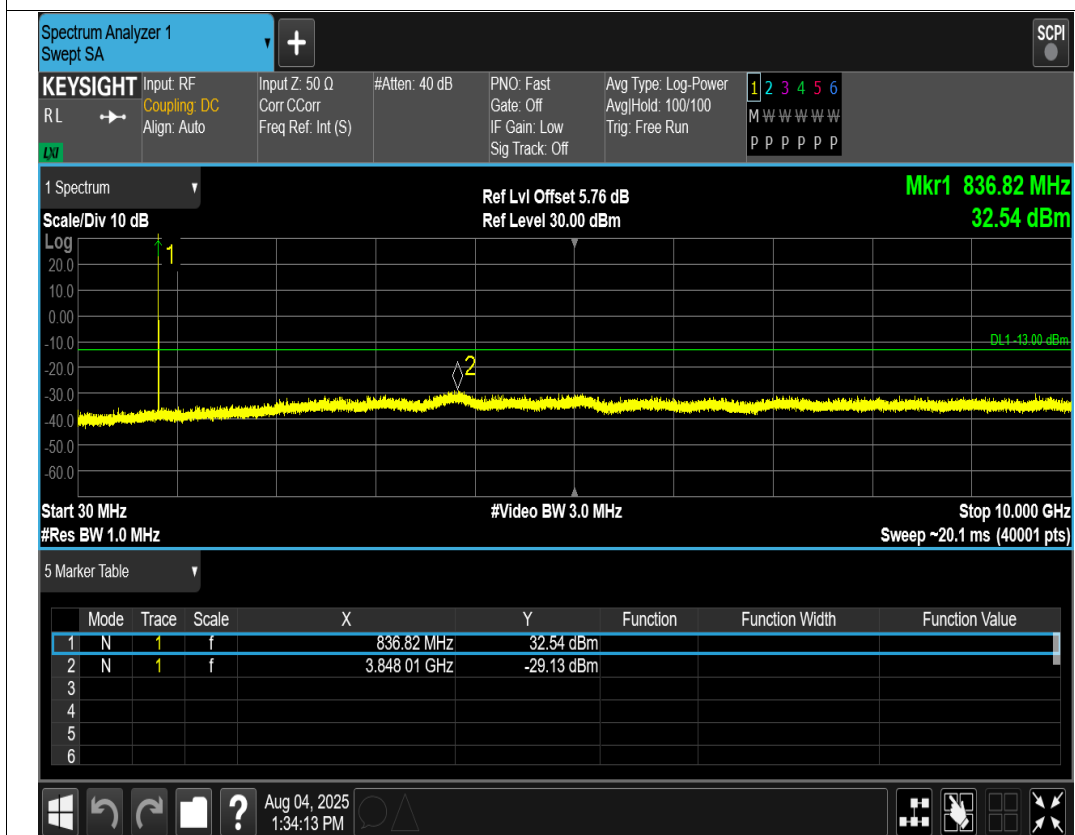


Out-of-band emissions

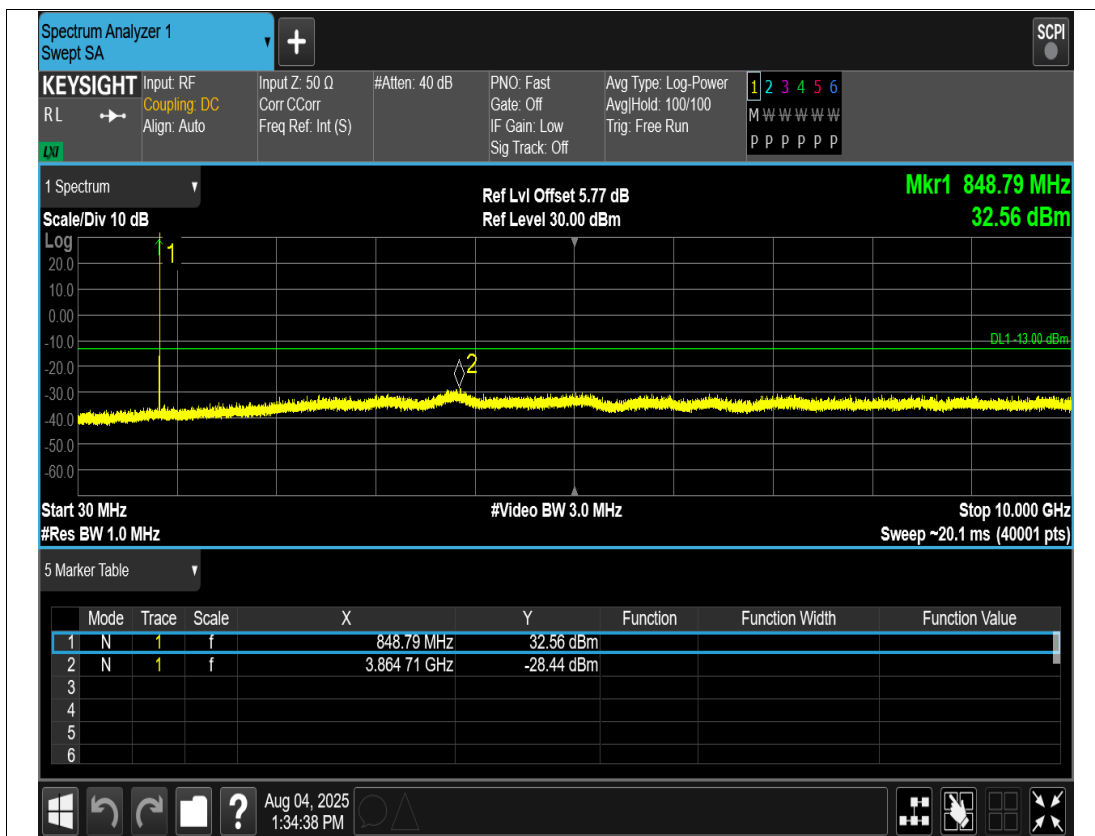
<i>Band</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
EGPRS850	128	824.2	3799.16	-28.92	-13	PASS
EGPRS850	190	836.6	3848.01	-29.13	-13	PASS
EGPRS850	251	848.8	3864.71	-28.44	-13	PASS
GPRS850	128	824.2	3897.86	-29.65	-13	PASS
GPRS850	190	836.6	3814.61	-29.67	-13	PASS
GPRS850	251	848.8	4990.08	-30.14	-13	PASS
GSM850	128	824.2	3810.13	-29.37	-13	PASS
GSM850	190	836.6	3833.80	-30.02	-13	PASS
GSM850	251	848.8	3844.27	-29.48	-13	PASS
EGPRS1900	512	1850.2	3763.89	-27.79	-13	PASS
EGPRS1900	661	1880	5766.38	-19.58	-13	PASS
EGPRS1900	810	1909.8	3846.27	-28.02	-13	PASS
GPRS1900	512	1850.2	3850.76	-27.96	-13	PASS
GPRS1900	661	1880	18940.59	-28.22	-13	PASS
GPRS1900	810	1909.8	18934.60	-28.15	-13	PASS
GSM1900	512	1850.2	5197.24	-28.77	-13	PASS
GSM1900	661	1880	18323.02	-28.33	-13	PASS
GSM1900	810	1909.8	3745.42	-28.17	-13	PASS



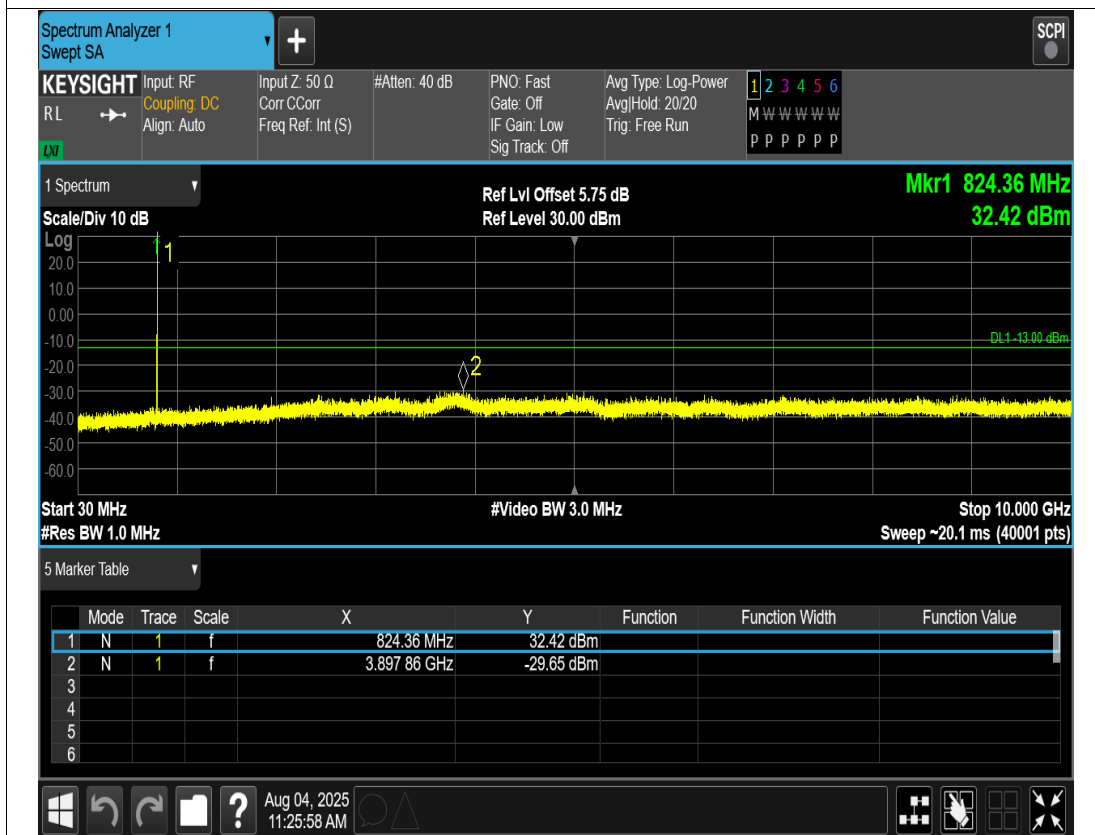
EGPRS850 Channel=128



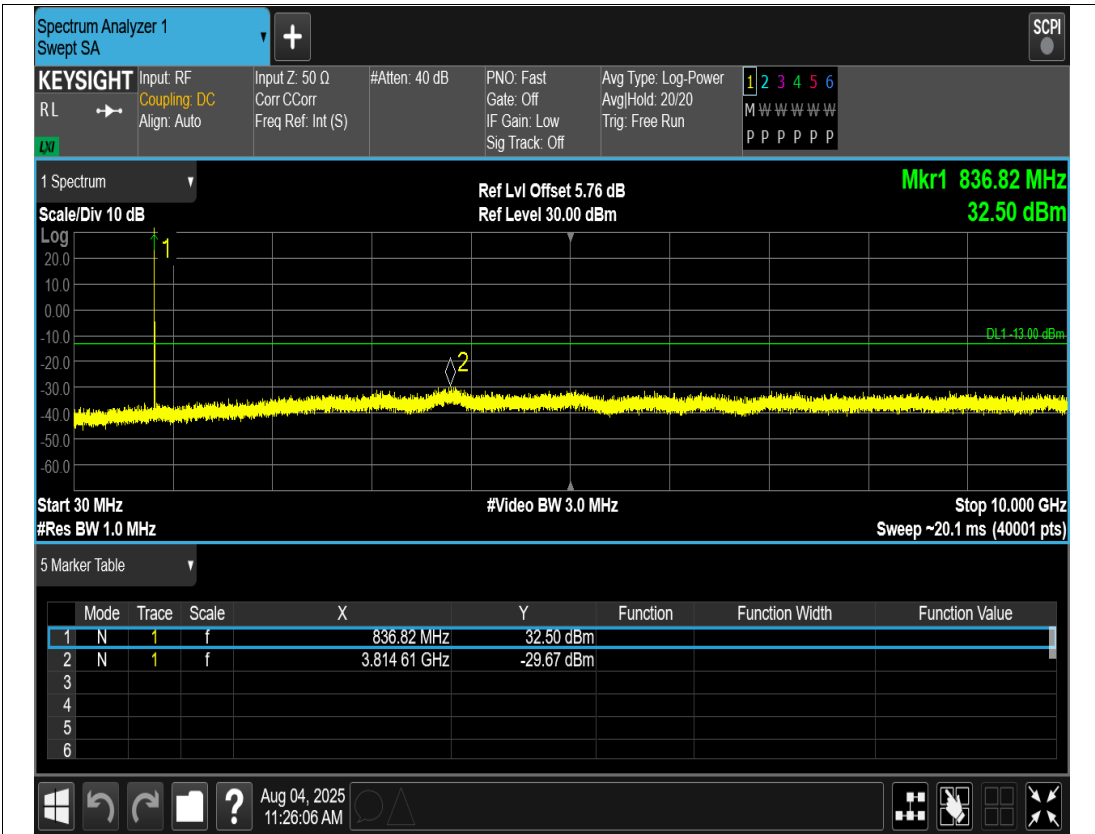
EGPRS850 Channel=190



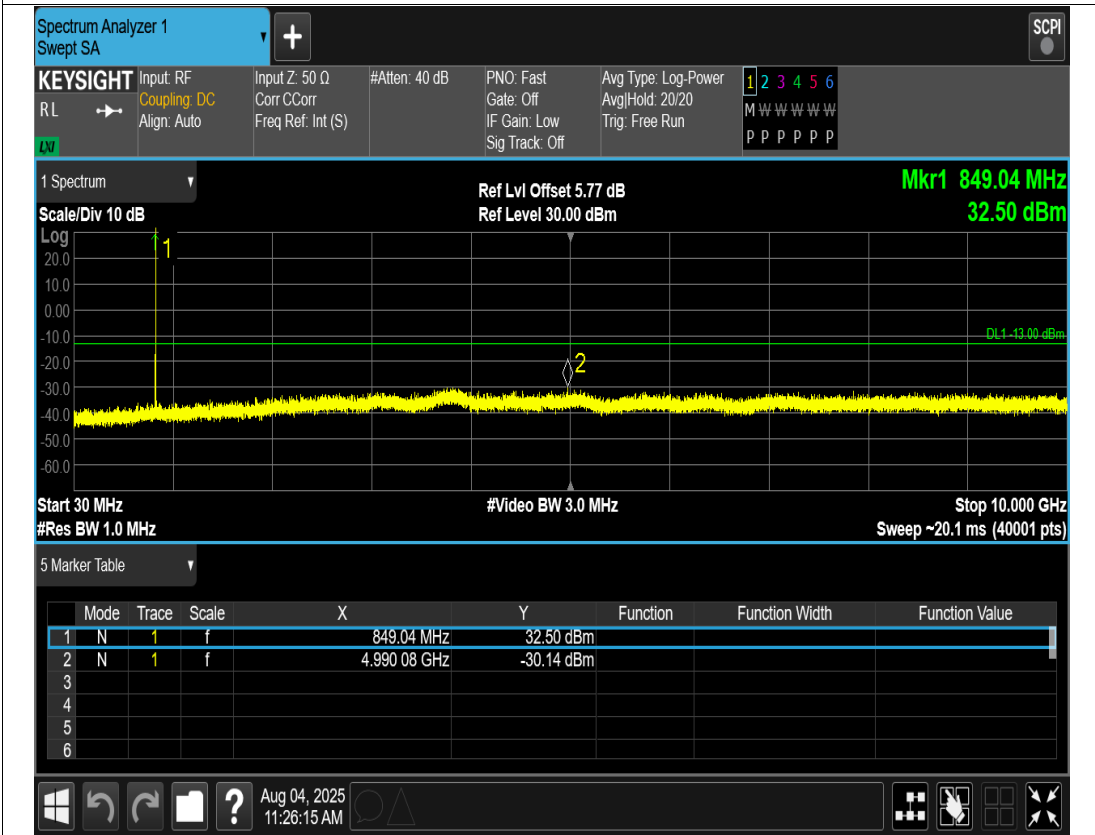
EGPRS850 Channel=251



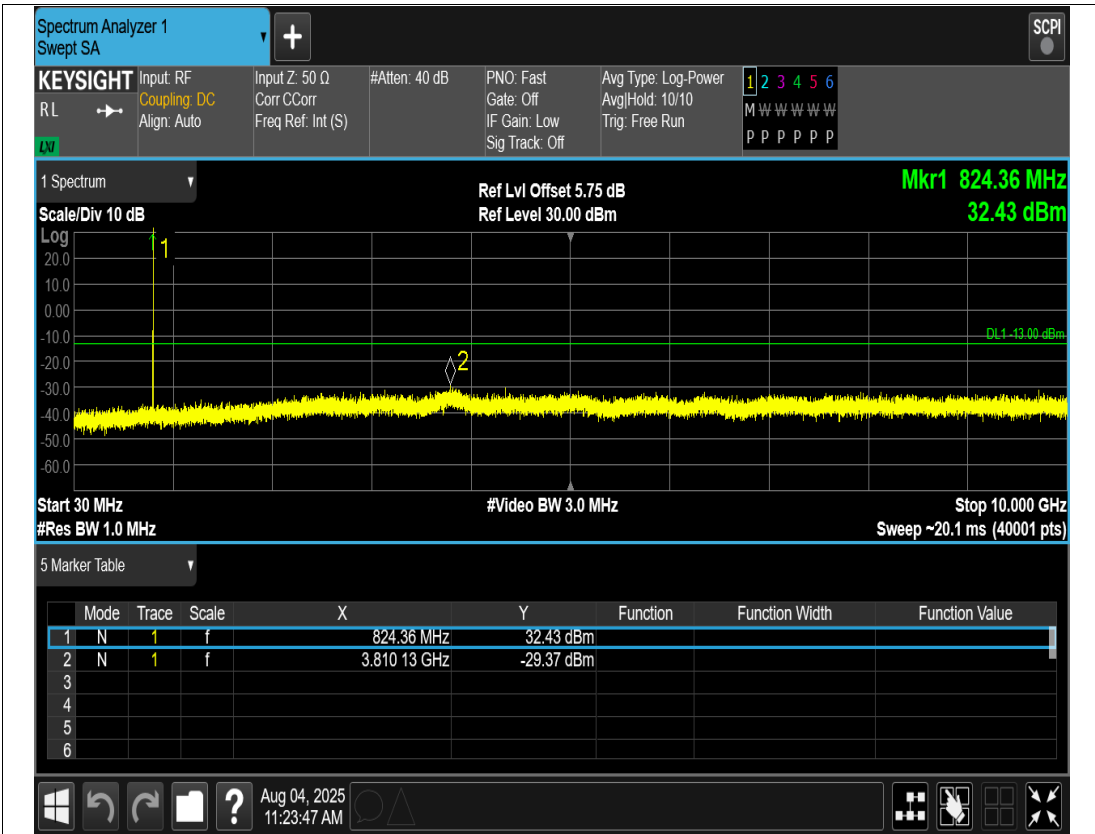
GPRS850 Channel=128



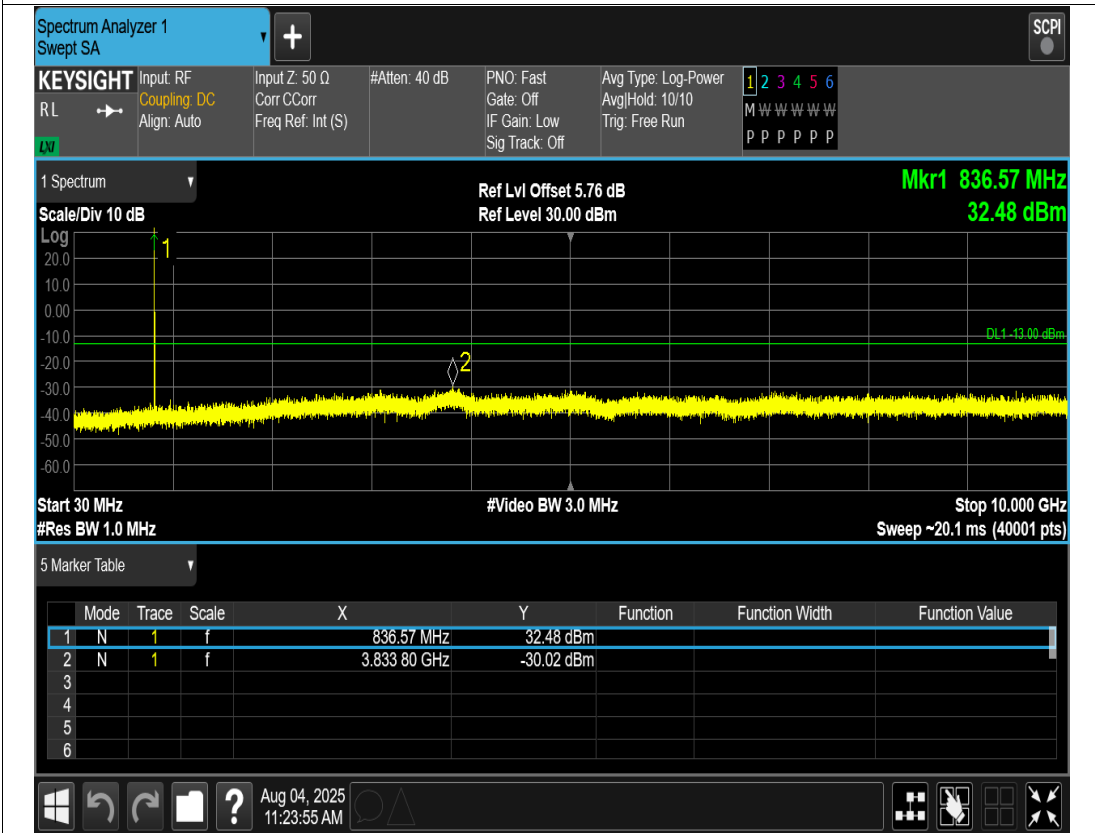
GPRS850 Channel=190



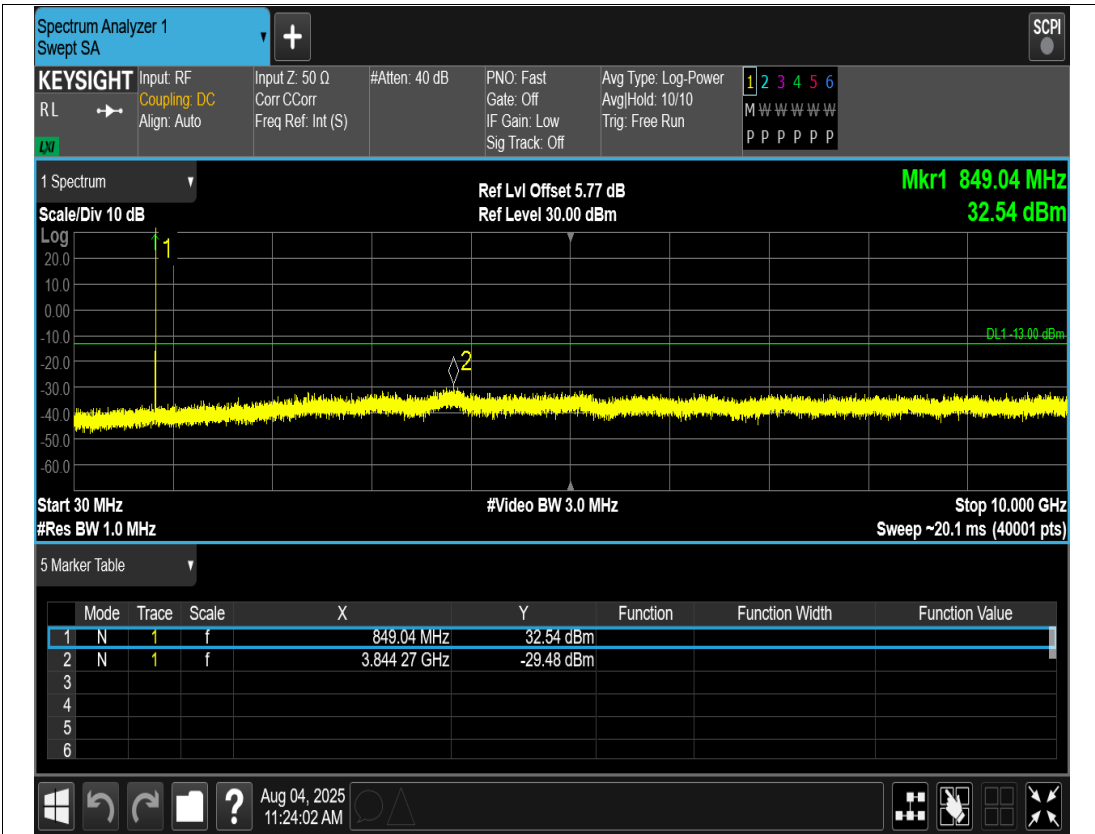
GPRS850 Channel=251



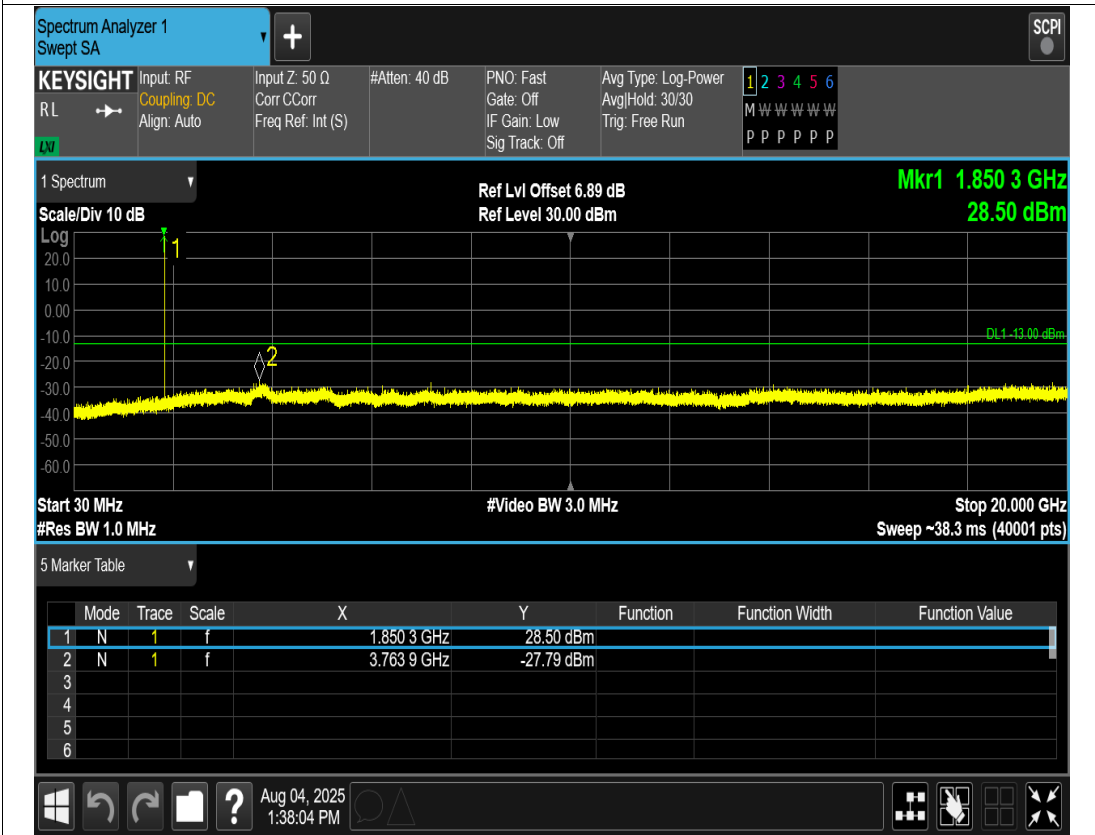
GSM850 Channel=128

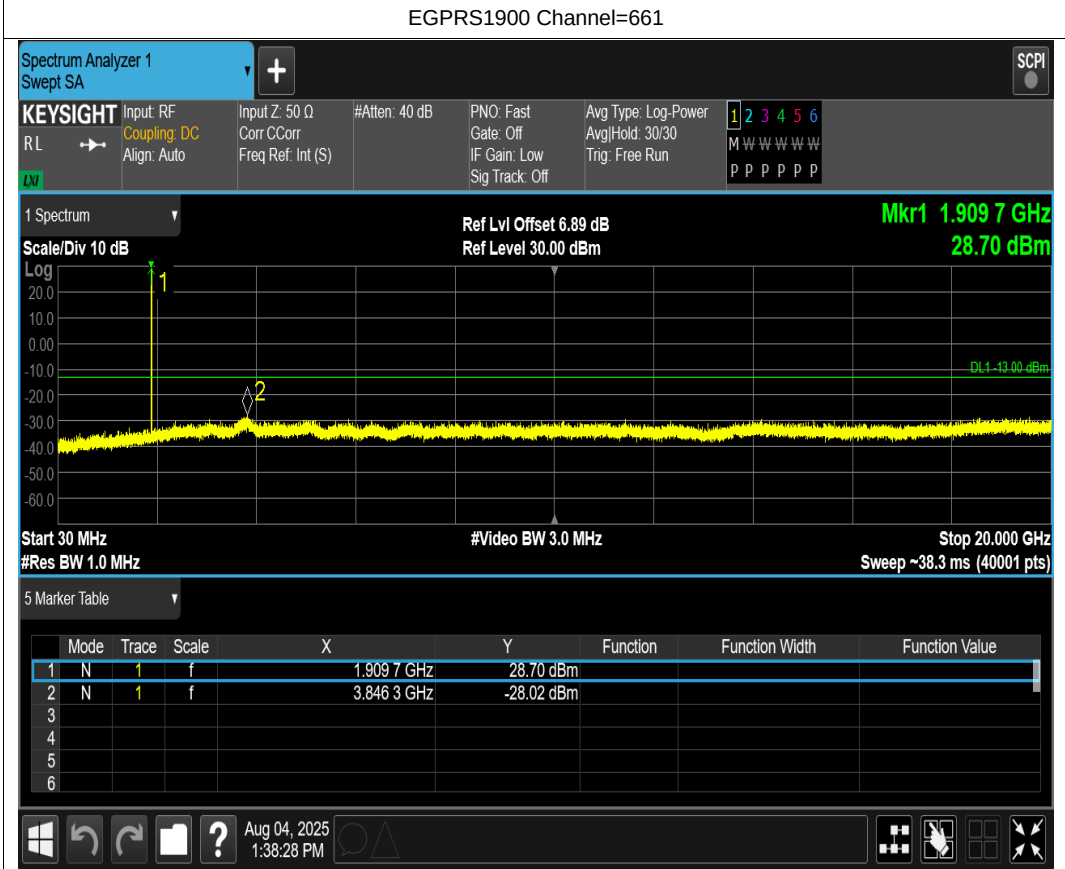
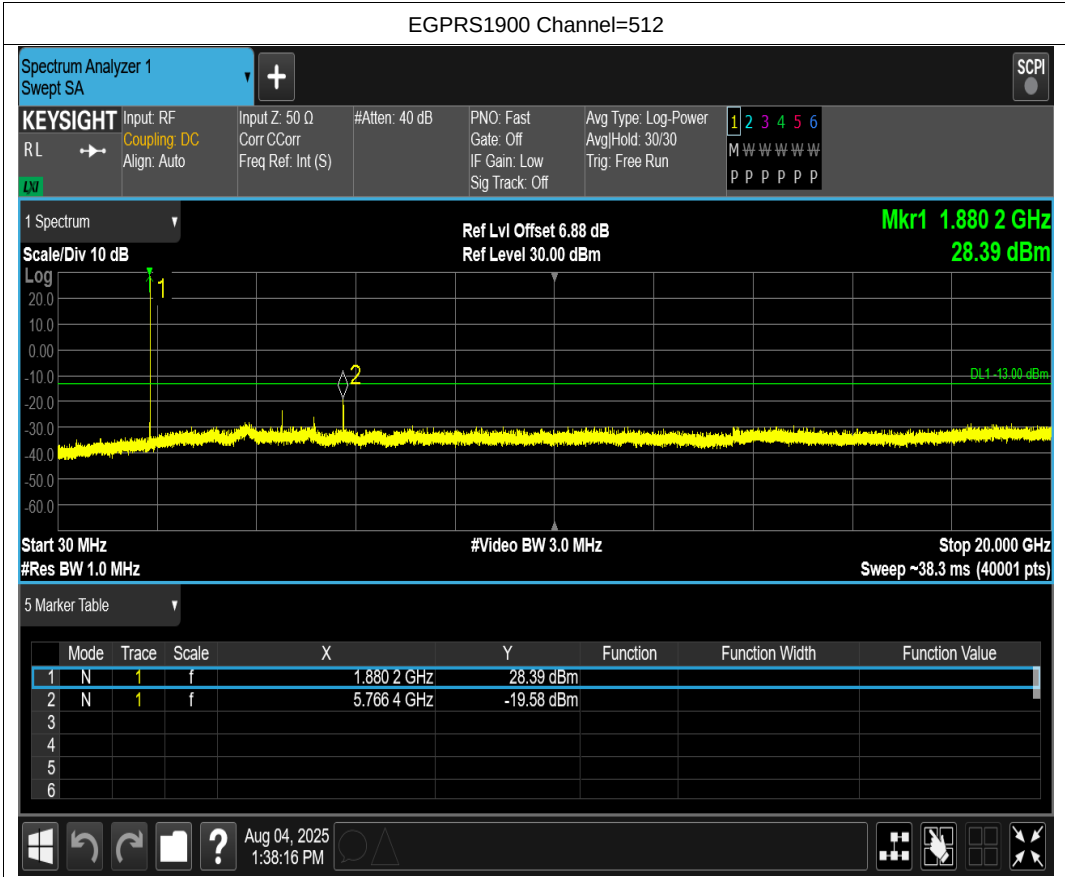


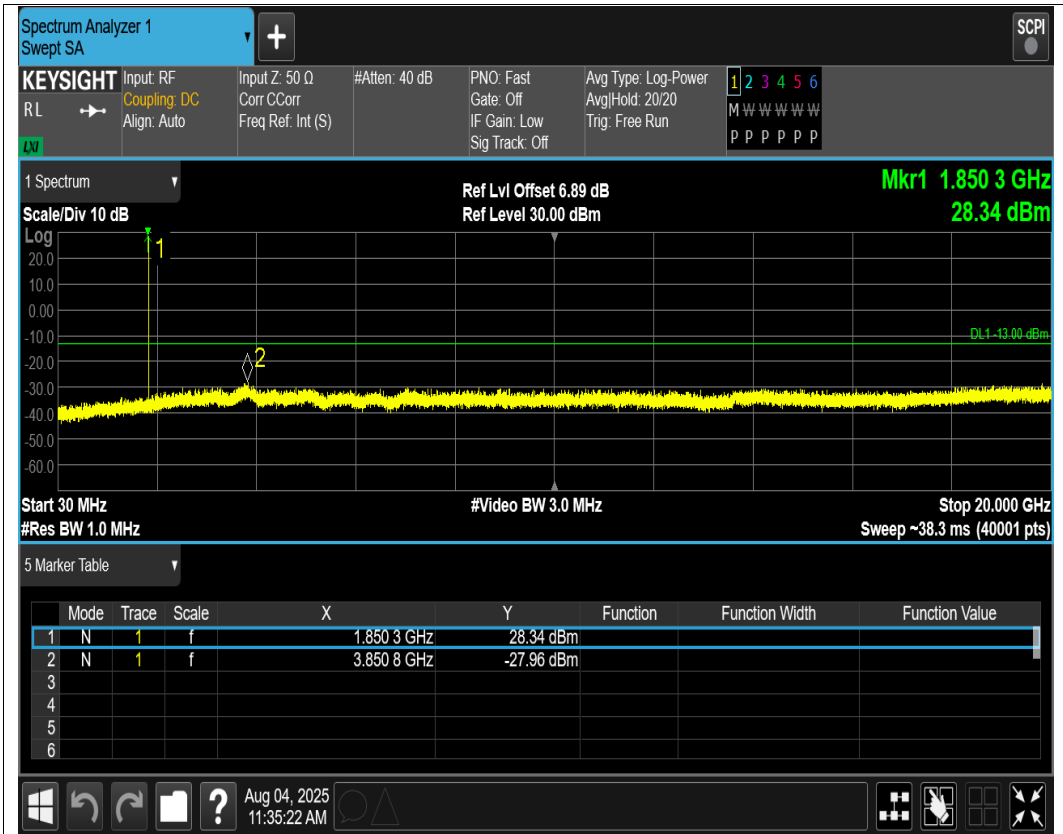
GSM850 Channel=190



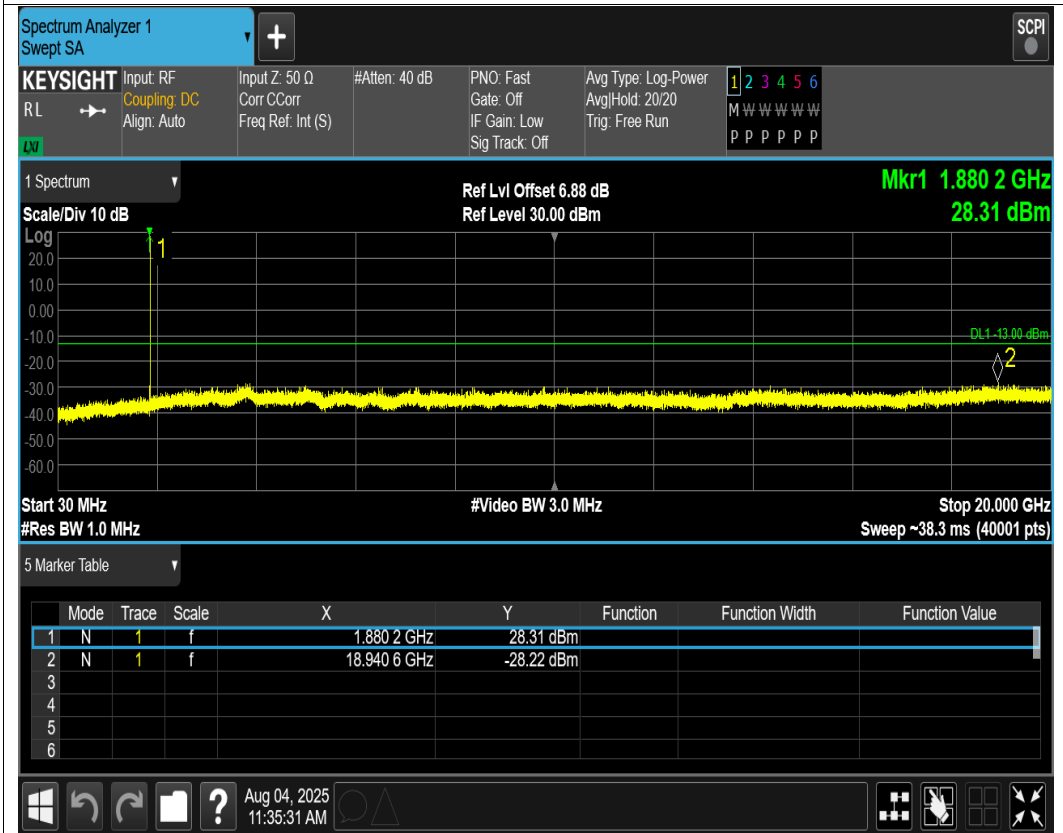
GSM850 Channel=251



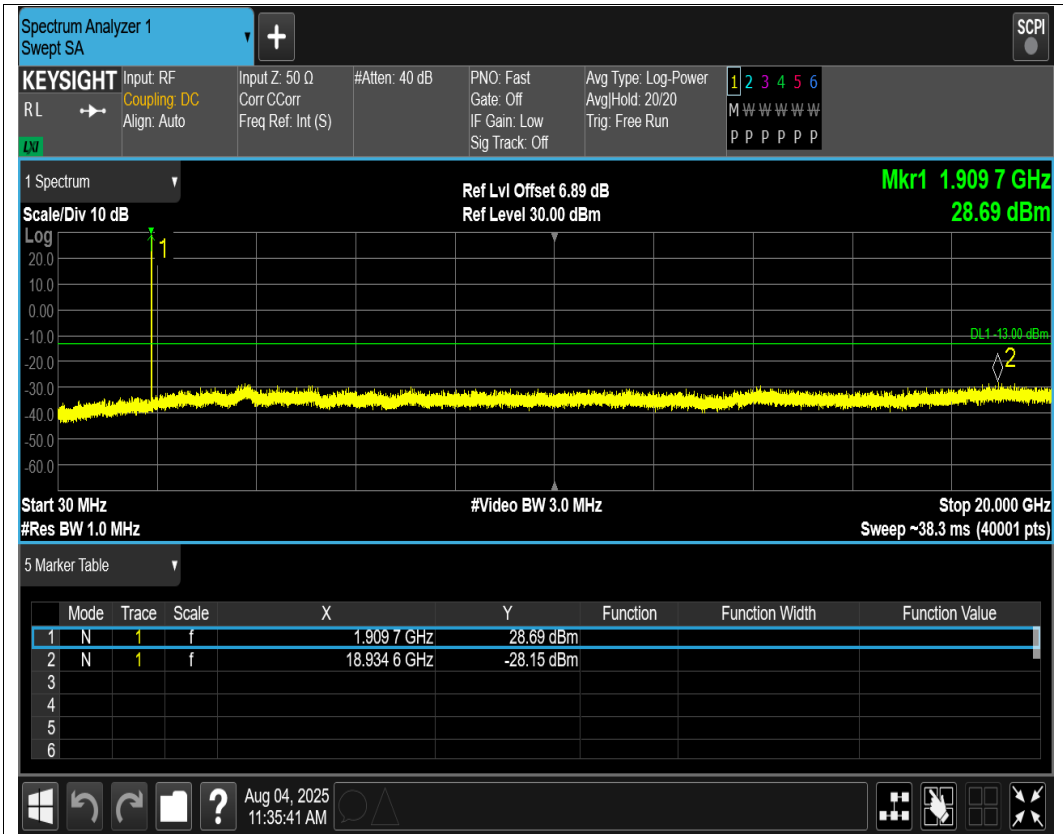




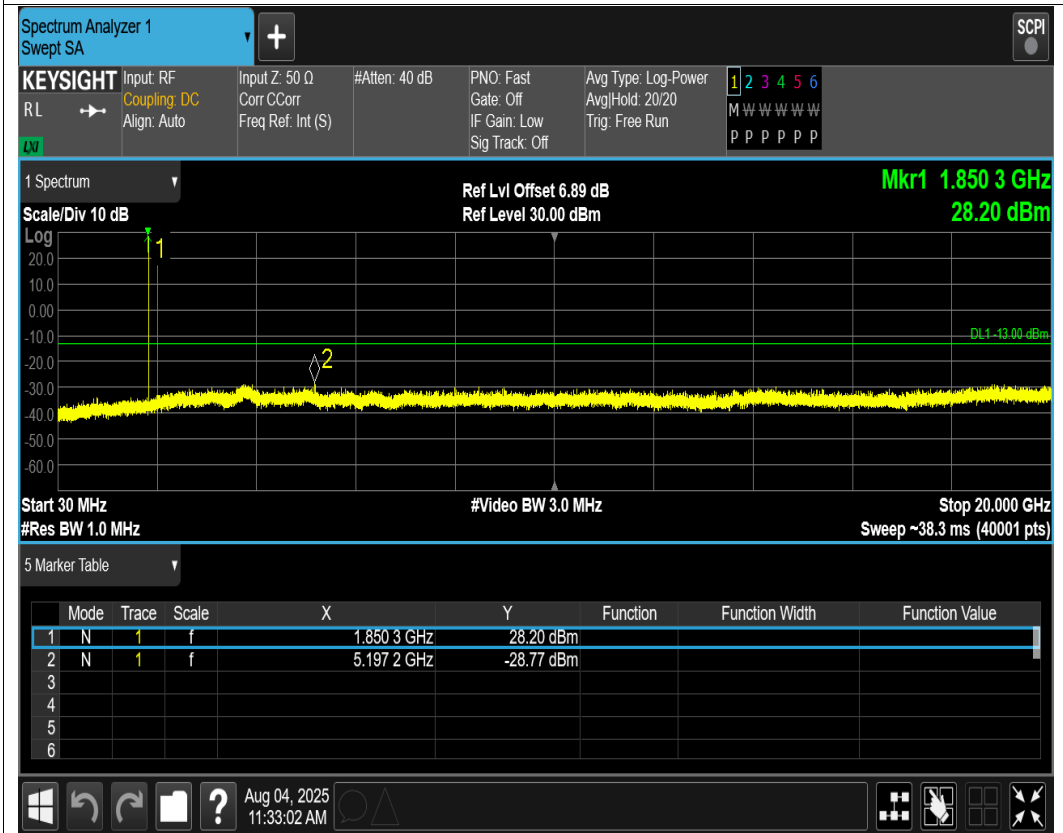
GPRS1900 Channel=512



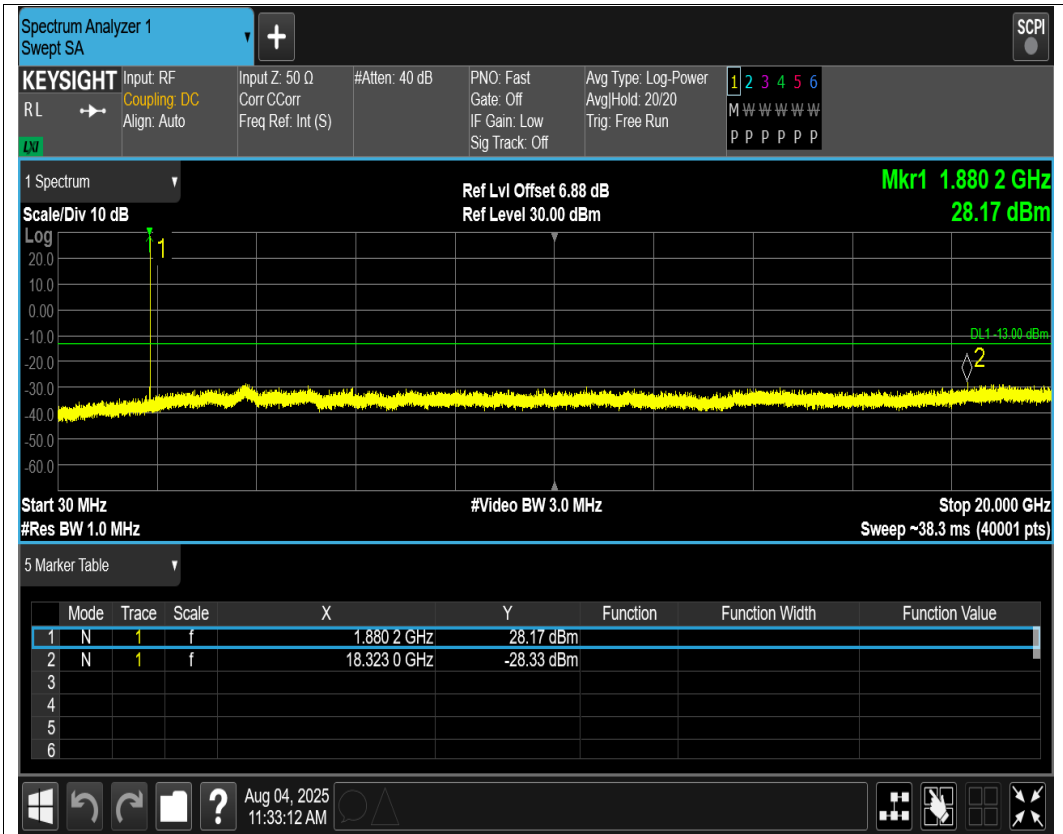
GPRS1900 Channel=661



GPRS1900 Channel=810



GSM1900 Channel=512



GSM1900 Channel=661



GSM1900 Channel=810