

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	23.76	2.2	25.96	33.01	PASS
EGPRS1900 1 Slot	661	1880	24.10	2.2	26.3	33.01	PASS
EGPRS1900 1 Slot	810	1909.8	24.28	2.2	26.48	33.01	PASS
EGPRS1900 2 Slot	512	1850.2	22.39	2.2	24.59	33.01	PASS
EGPRS1900 2 Slot	661	1880	22.42	2.2	24.62	33.01	PASS
EGPRS1900 2 Slot	810	1909.8	22.80	2.2	25	33.01	PASS
EGPRS1900 3 Slot	512	1850.2	19.89	2.2	22.09	33.01	PASS
EGPRS1900 3 Slot	661	1880	20.65	2.2	22.85	33.01	PASS
EGPRS1900 3 Slot	810	1909.8	20.67	2.2	22.87	33.01	PASS
EGPRS1900 4 Slot	512	1850.2	18.39	2.2	20.59	33.01	PASS
EGPRS1900 4 Slot	661	1880	18.14	2.2	20.34	33.01	PASS
EGPRS1900 4 Slot	810	1909.8	18.37	2.2	20.57	33.01	PASS
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
EGPRS850 1 Slot	128	824.2	25.62	-3.7	19.77	38.45	PASS
EGPRS850 1 Slot	190	836.6	26.38	-3.7	20.53	38.45	PASS
EGPRS850 1 Slot	251	848.8	25.83	-3.7	19.98	38.45	PASS
EGPRS850 2 Slot	128	824.2	24.72	-3.7	18.87	38.45	PASS
EGPRS850 2 Slot	190	836.6	25.21	-3.7	19.36	38.45	PASS
EGPRS850 2 Slot	251	848.8	24.88	-3.7	19.03	38.45	PASS
EGPRS850 3 Slot	128	824.2	22.59	-3.7	16.74	38.45	PASS
EGPRS850 3 Slot	190	836.6	22.93	-3.7	17.08	38.45	PASS
EGPRS850 3 Slot	251	848.8	22.81	-3.7	16.96	38.45	PASS
EGPRS850 4 Slot	128	824.2	20.25	-3.7	14.40	38.45	PASS
EGPRS850 4 Slot	190	836.6	20.09	-3.7	14.24	38.45	PASS
EGPRS850 4 Slot	251	848.8	20.08	-3.7	14.23	38.45	PASS

15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	7.87475	13.00	PASS
EGPRS1900	661	1880	7.727636364	13.00	PASS
EGPRS1900	810	1909.8	7.674285714	13.00	PASS
EGPRS850	128	824.2	10.07273684	13.00	PASS
EGPRS850	190	836.6	9.708823529	13.00	PASS
EGPRS850	251	848.8	9.848051282	13.00	PASS

EGPRS1900 Channel=512



EGPRS1900 Channel=661



EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=190



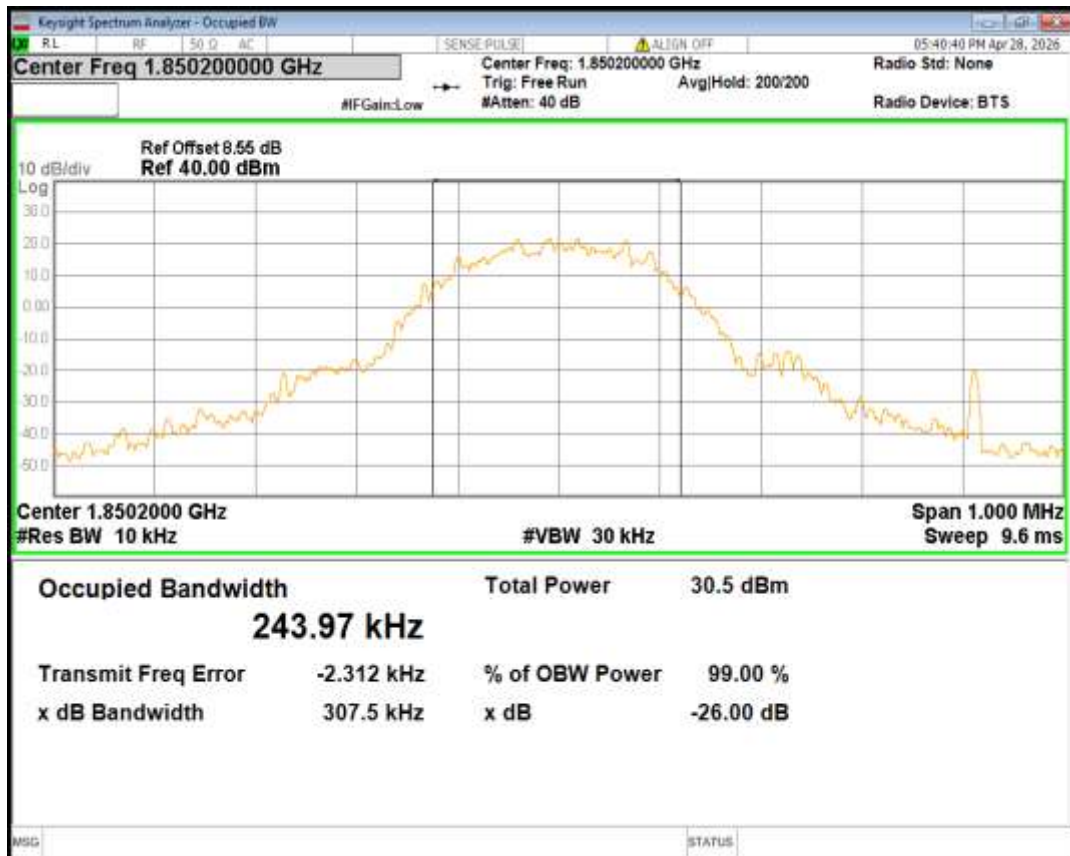
EGPRS850 Channel=251



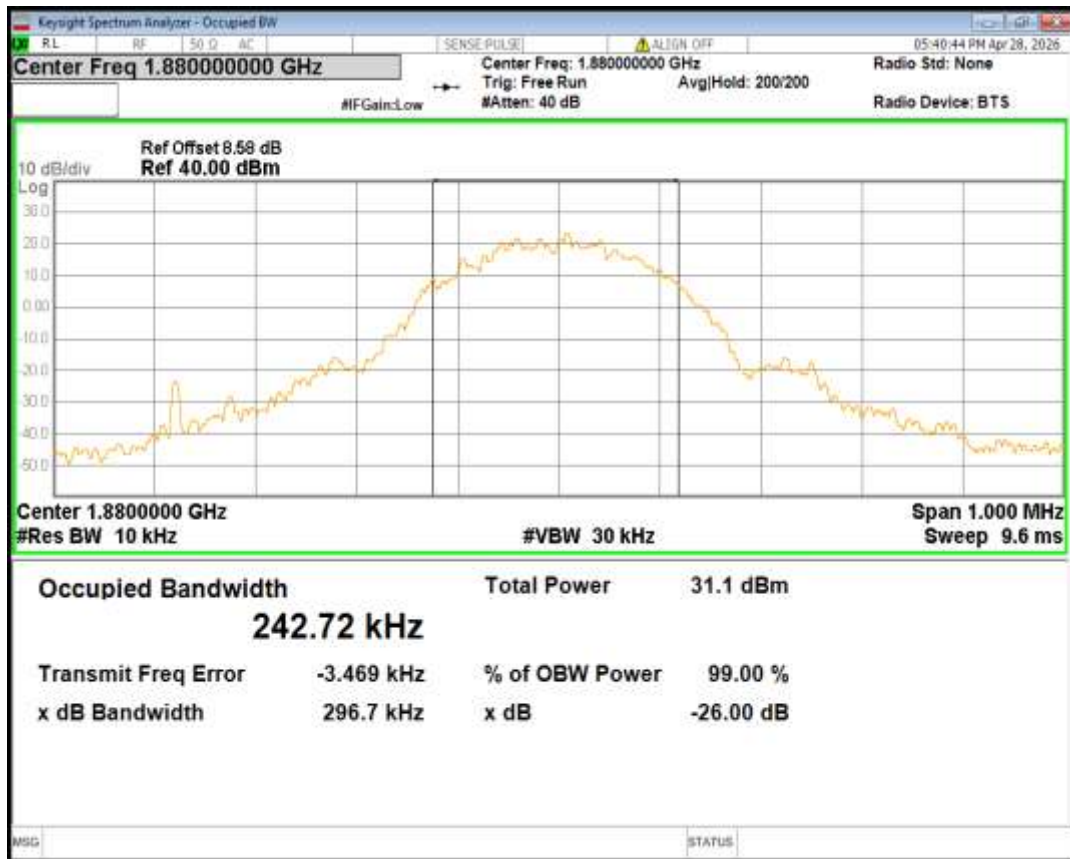
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	243.965	307.539	PASS
EGPRS1900	661	1880	242.721	296.679	PASS
EGPRS1900	810	1909.8	236.655	310.122	PASS
EGPRS850	128	824.2	226.308	280.641	PASS
EGPRS850	190	836.6	246.606	304.304	PASS
EGPRS850	251	848.8	242.447	302.874	PASS

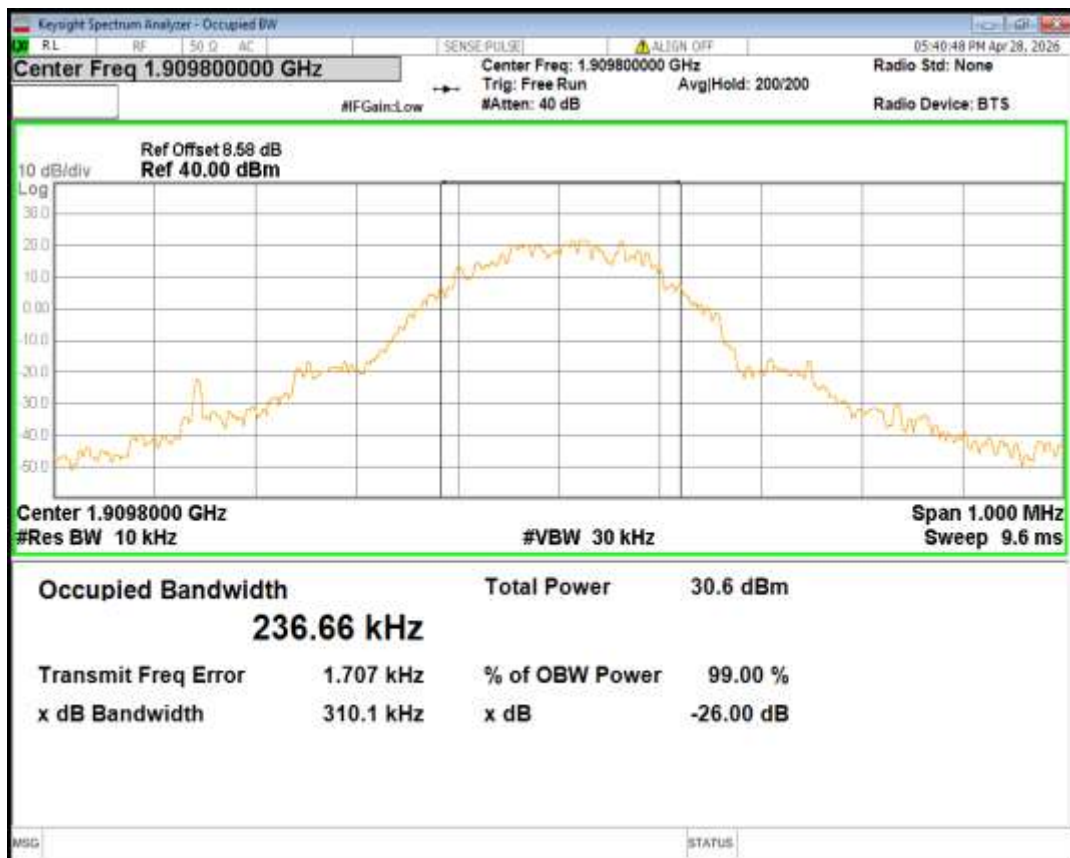
EGPRS1900 Channel=512



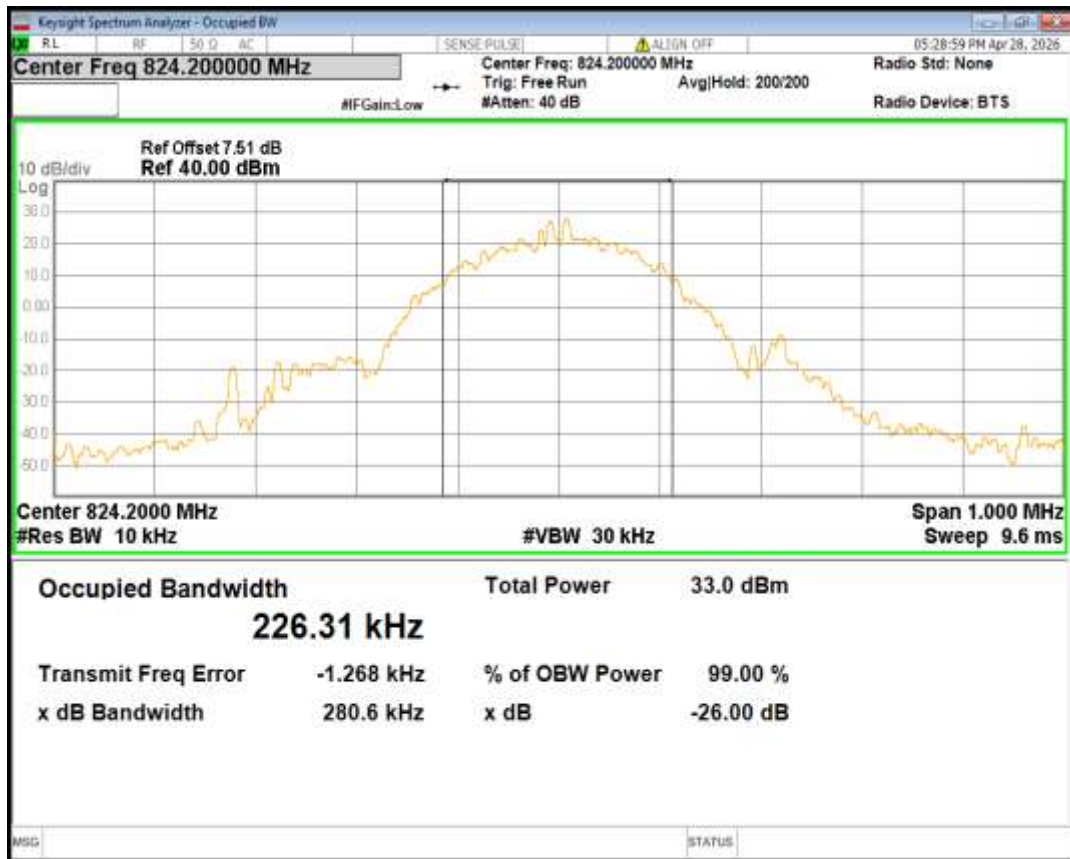
EGPRS1900 Channel=661



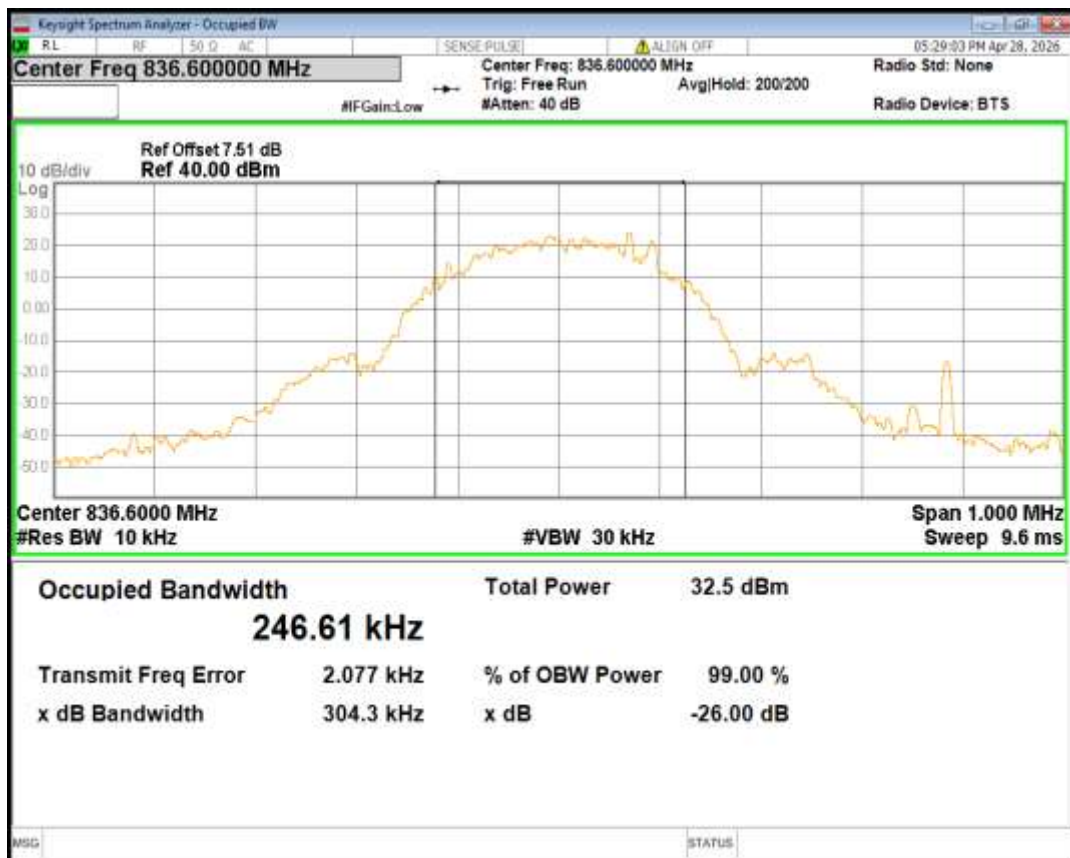
EGPRS1900 Channel=810



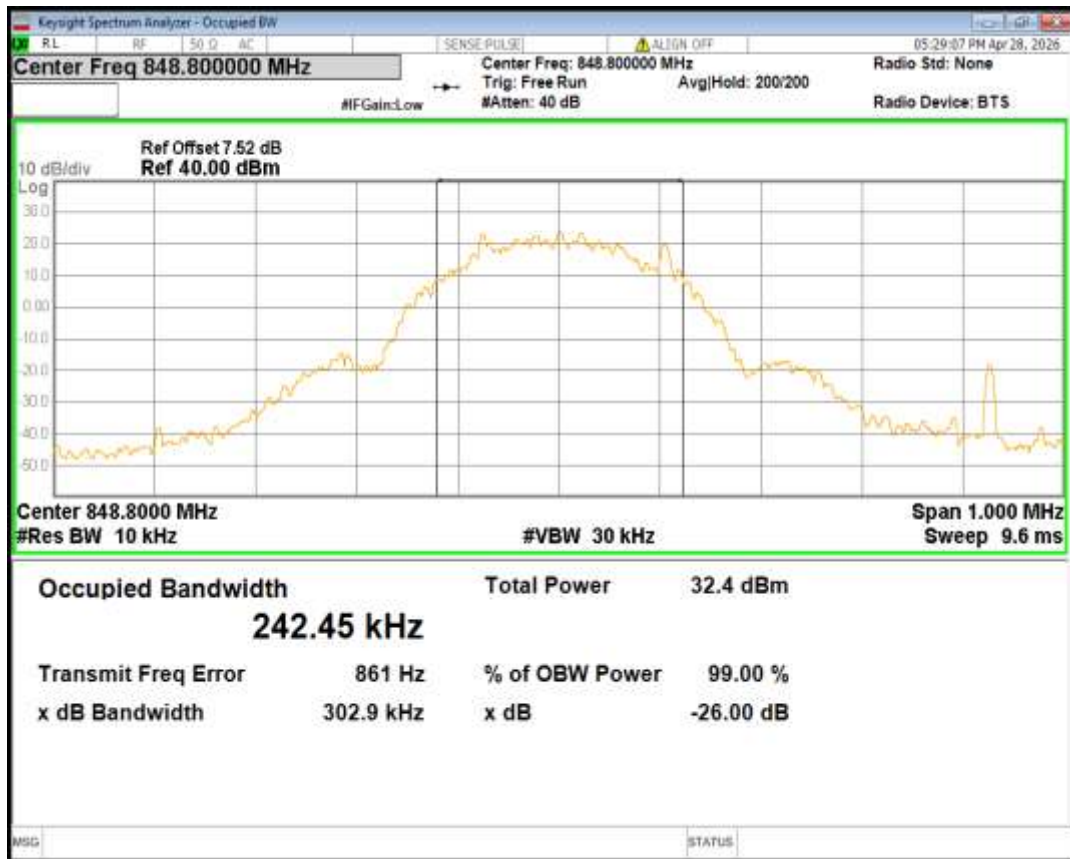
EGPRS850 Channel=128



EGPRS850 Channel=190



EGPRS850 Channel=251



17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.96	-38.44	-13	PASS
EGPRS1900	810	1909.8	1910.01	-35.25	-13	PASS
EGPRS850	128	824.2	823.99	-34.54	-13	PASS
EGPRS850	251	848.8	849.00	-35.73	-13	PASS

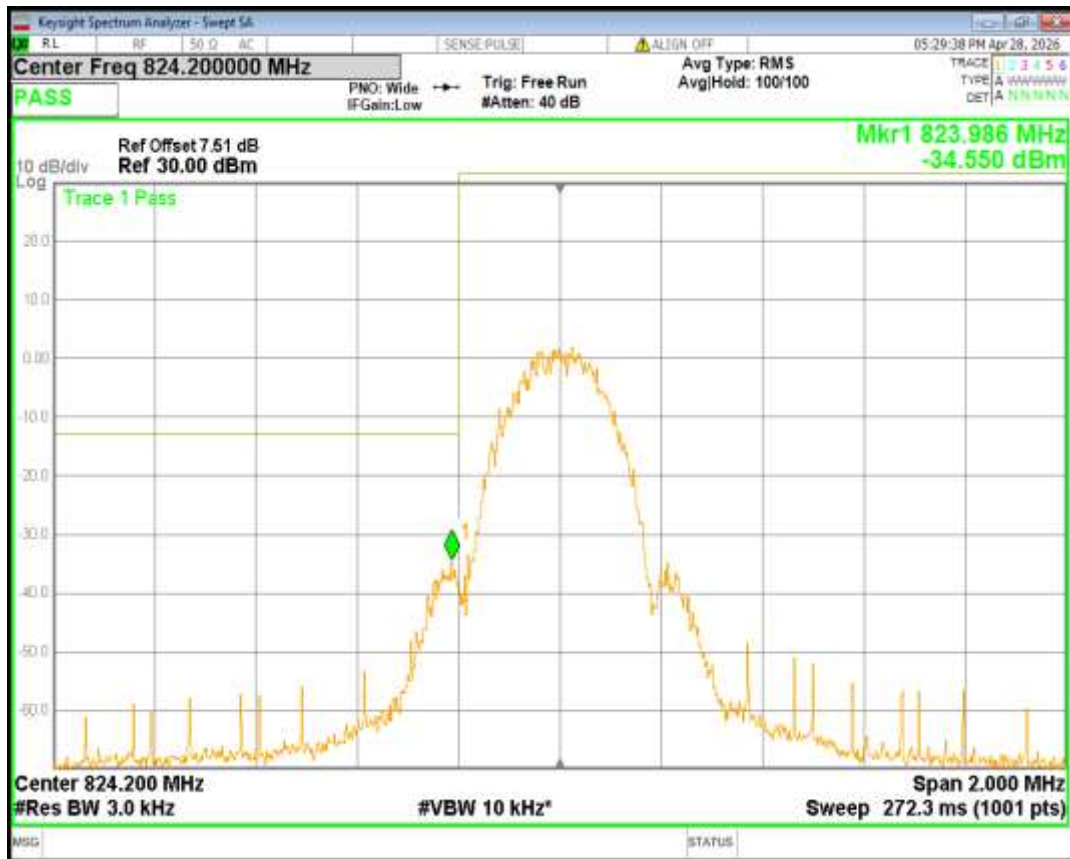
EGPRS1900 Channel=512



EGPRS1900 Channel=810



EGPRS850 Channel=128



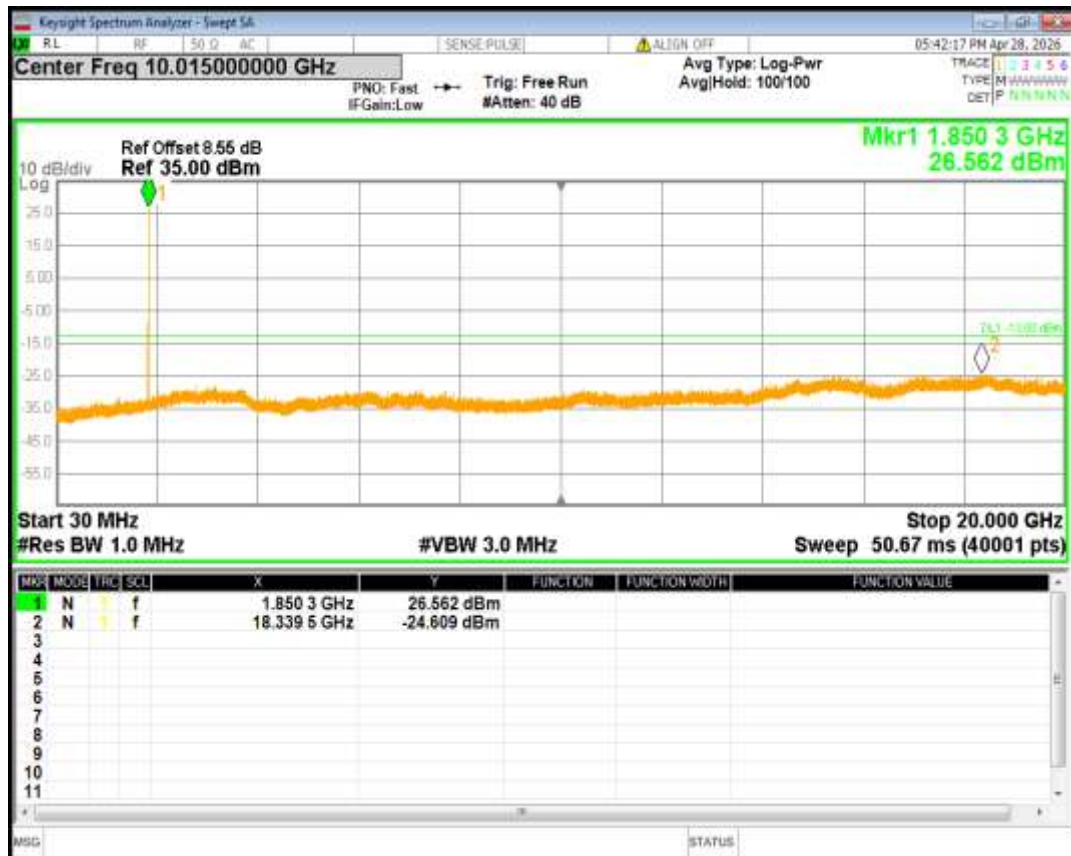
EGPRS850 Channel=251



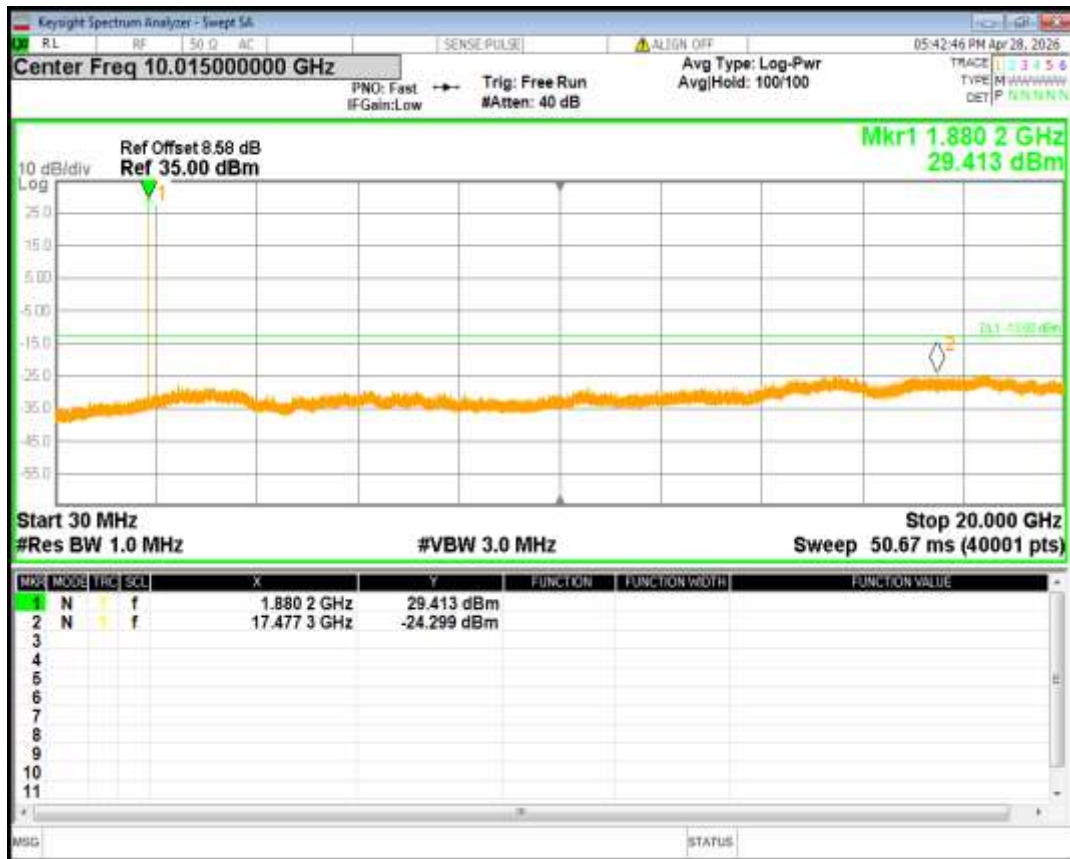
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	18339.49	-24.60	-13	PASS
EGPRS1900	661	1880	17477.29	-24.29	-13	PASS
EGPRS1900	810	1909.8	18372.45	-23.95	-13	PASS
EGPRS850	128	824.2	2521.25	-28.88	-13	PASS
EGPRS850	190	836.6	3212.92	-29.57	-13	PASS
EGPRS850	251	848.8	2639.90	-28.72	-13	PASS

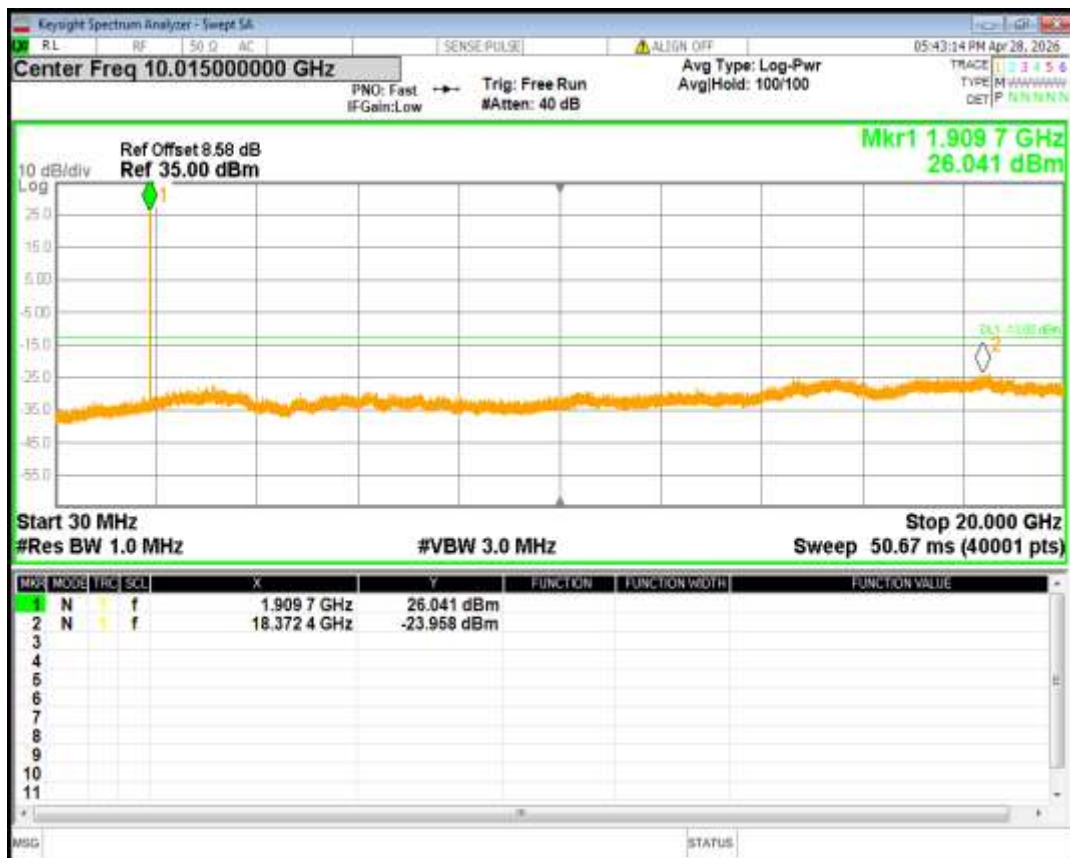
EGPRS1900 Channel=512



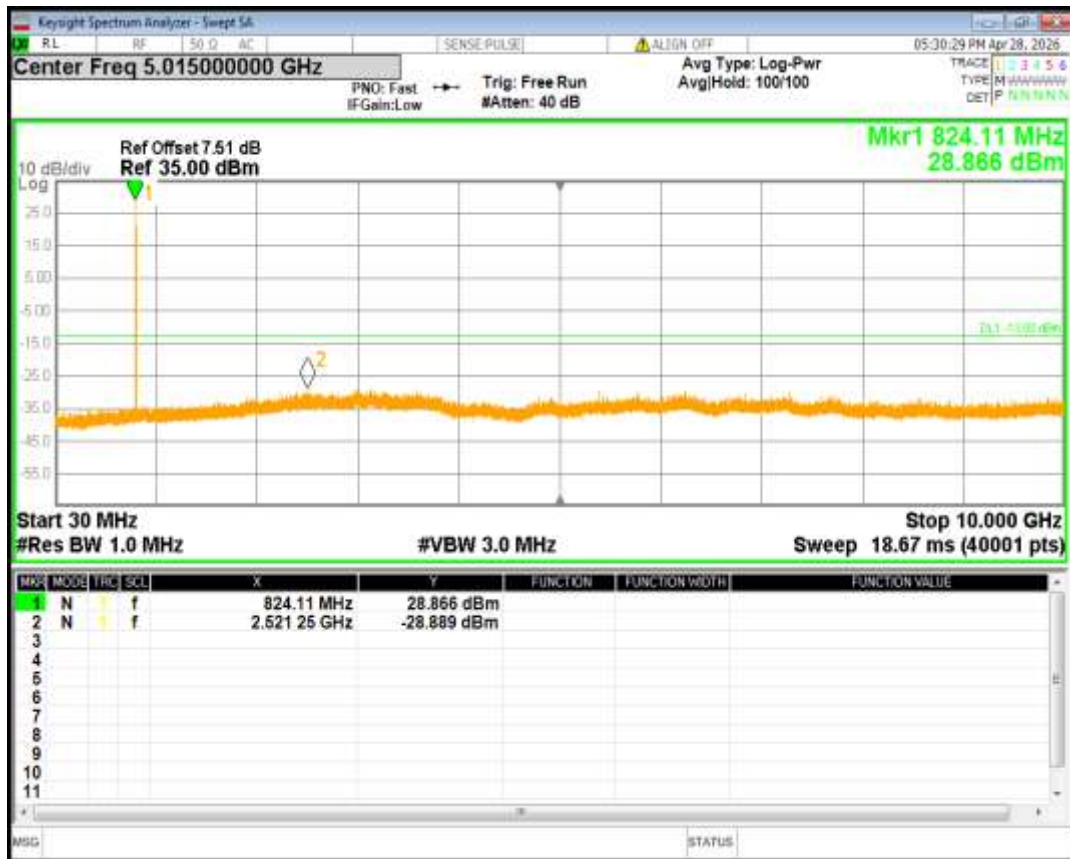
EGPRS1900 Channel=661



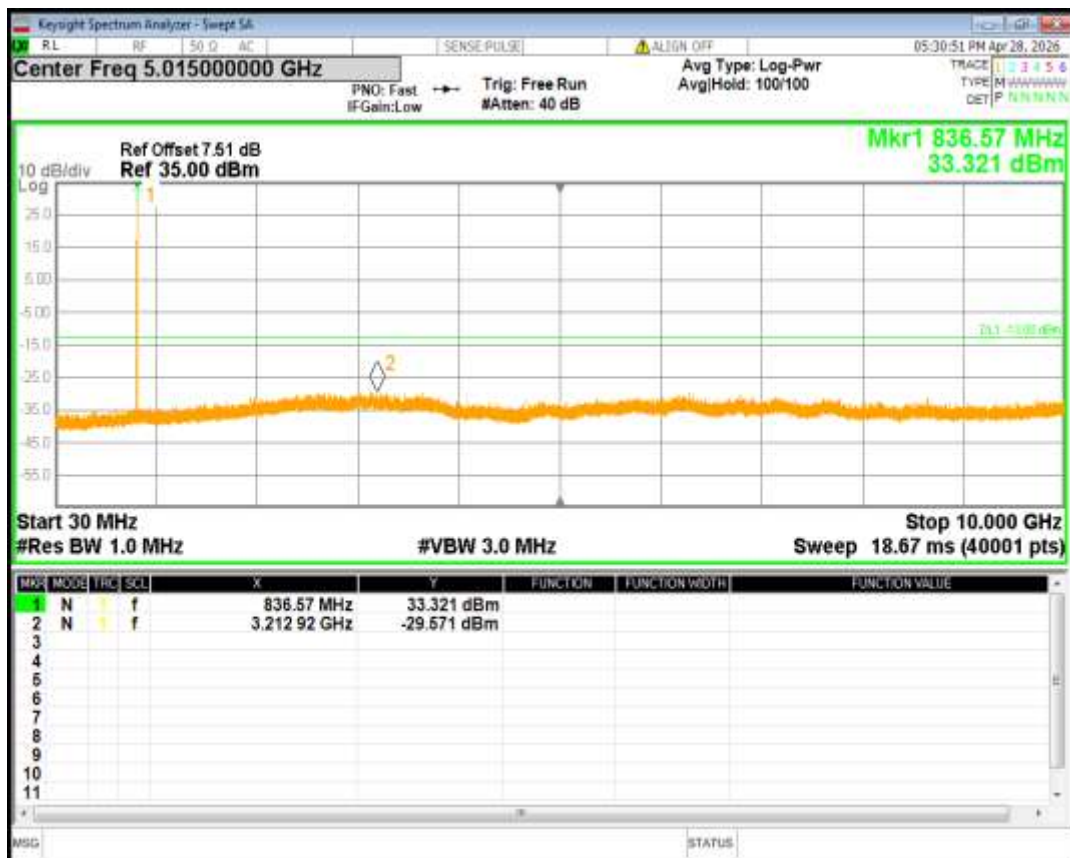
EGPRS1900 Channel=810



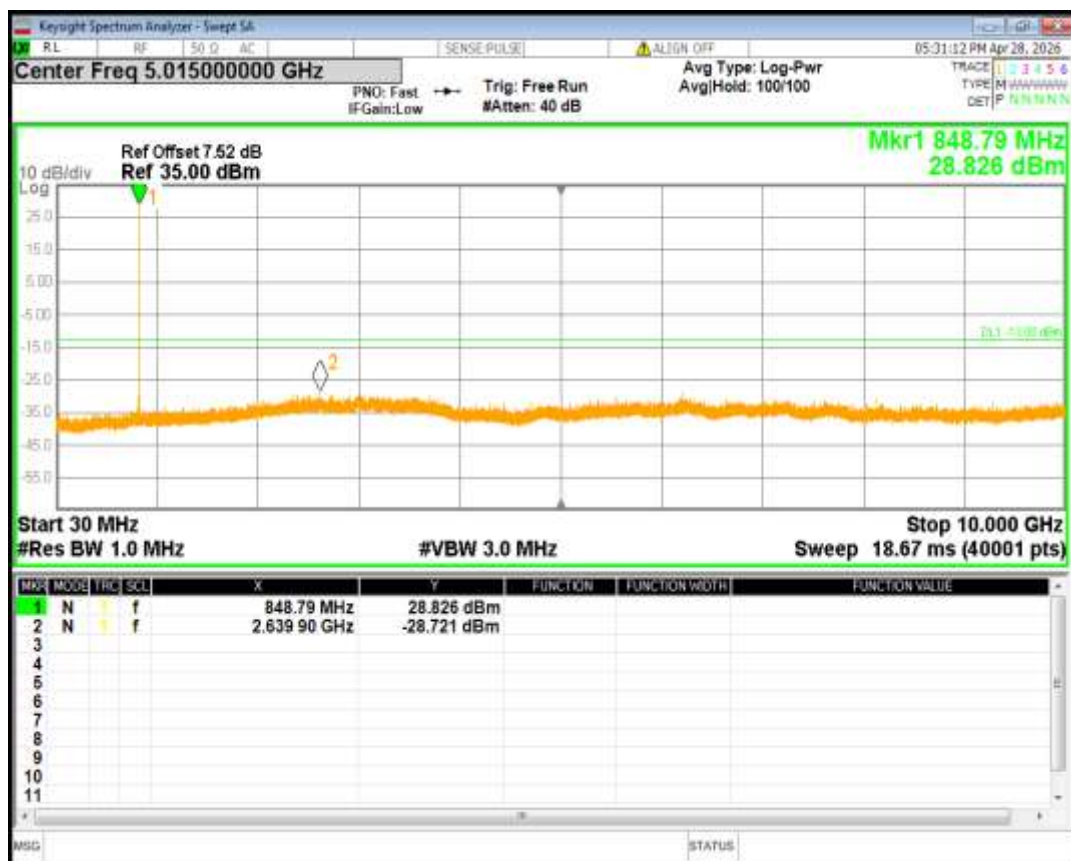
EGPRS850 Channel=128



EGPRS850 Channel=190



EGPRS850 Channel=251



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	29.56	2.2	31.76	33.01	PASS
GPRS1900 1 Slot	661	1880	29.53	2.2	31.73	33.01	PASS
GPRS1900 1 Slot	810	1909.8	29.50	2.2	31.7	33.01	PASS
GPRS1900 2 Slot	512	1850.2	26.57	2.2	28.77	33.01	PASS
GPRS1900 2 Slot	661	1880	26.80	2.2	29	33.01	PASS
GPRS1900 2 Slot	810	1909.8	26.86	2.2	29.06	33.01	PASS
GPRS1900 3 Slot	512	1850.2	25.05	2.2	27.25	33.01	PASS
GPRS1900 3 Slot	661	1880	25.27	2.2	27.47	33.01	PASS
GPRS1900 3 Slot	810	1909.8	25.34	2.2	27.54	33.01	PASS
GPRS1900 4 Slot	512	1850.2	23.09	2.2	25.29	33.01	PASS
GPRS1900 4 Slot	661	1880	23.31	2.2	25.51	33.01	PASS
GPRS1900 4 Slot	810	1909.8	23.39	2.2	25.59	33.01	PASS
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
GPRS850 1 Slot	128	824.2	33.36	-3.7	27.51	38.45	PASS
GPRS850 1 Slot	190	836.6	33.25	-3.7	27.40	38.45	PASS
GPRS850 1 Slot	251	848.8	33.33	-3.7	27.48	38.45	PASS
GPRS850 2 Slot	128	824.2	31.46	-3.7	25.61	38.45	PASS
GPRS850 2 Slot	190	836.6	31.35	-3.7	25.50	38.45	PASS
GPRS850 2 Slot	251	848.8	31.28	-3.7	25.43	38.45	PASS
GPRS850 3 Slot	128	824.2	29.66	-3.7	23.81	38.45	PASS
GPRS850 3 Slot	190	836.6	29.55	-3.7	23.70	38.45	PASS

GPRS850 3 Slot	251	848.8	29.43	-3.7	23.58	38.45	PASS
GPRS850 4 Slot	128	824.2	27.67	-3.7	21.82	38.45	PASS
GPRS850 4 Slot	190	836.6	27.54	-3.7	21.69	38.45	PASS
GPRS850 4 Slot	251	848.8	27.38	-3.7	21.53	38.45	PASS

09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.725140845	13.00	PASS
GPRS1900	661	1880	2.714666667	13.00	PASS
GPRS1900	810	1909.8	2.738834081	13.00	PASS
GPRS850	128	824.2	2.662892562	13.00	PASS
GPRS850	190	836.6	2.659563319	13.00	PASS
GPRS850	251	848.8	2.645113636	13.00	PASS

GPRS1900 Channel=512



GPRS1900 Channel=661



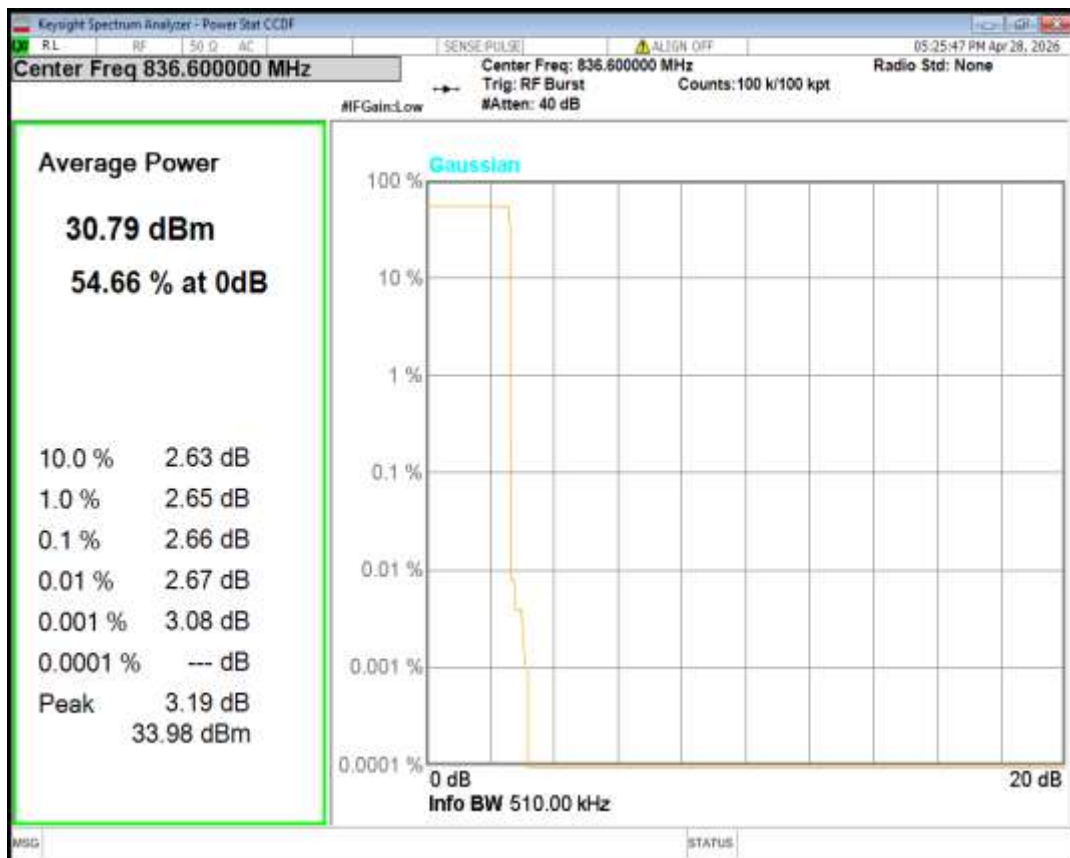
GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



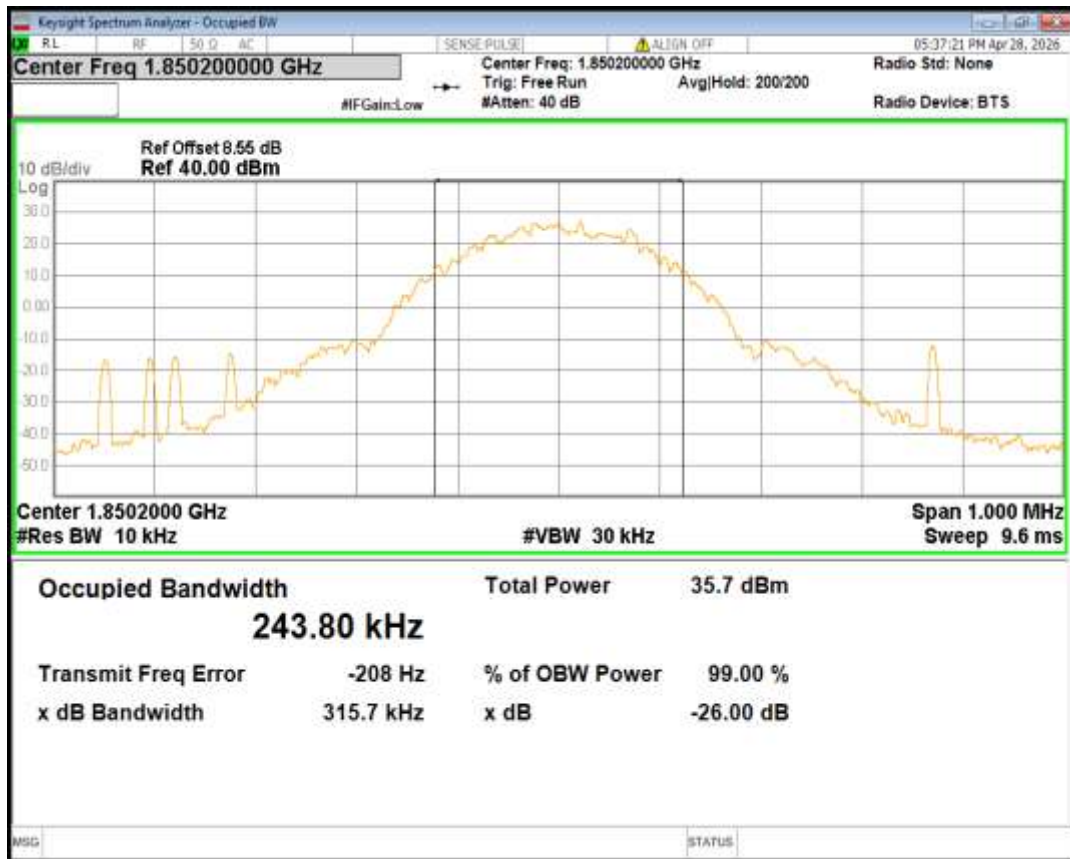
GPRS850 Channel=251



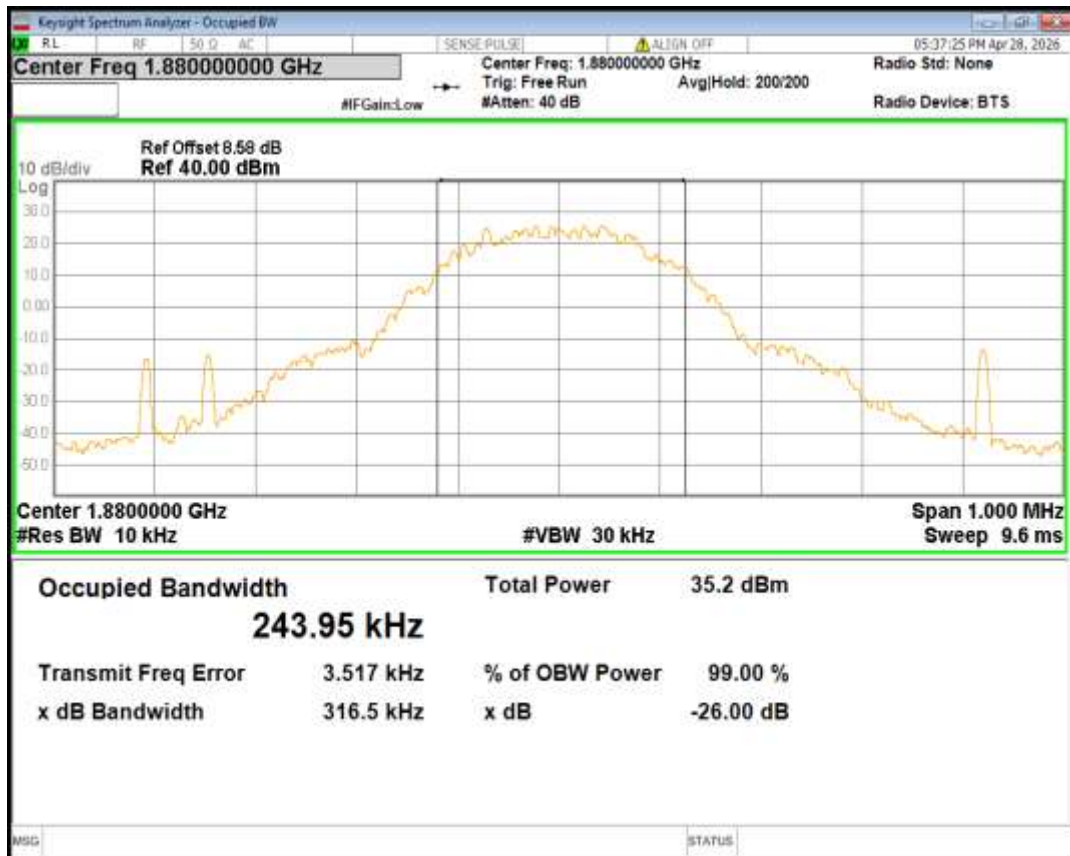
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	243.798	315.725	PASS
GPRS1900	661	1880	243.945	316.496	PASS
GPRS1900	810	1909.8	246.301	322.377	PASS
GPRS850	128	824.2	242.210	319.696	PASS
GPRS850	190	836.6	241.550	314.386	PASS
GPRS850	251	848.8	246.382	321.638	PASS

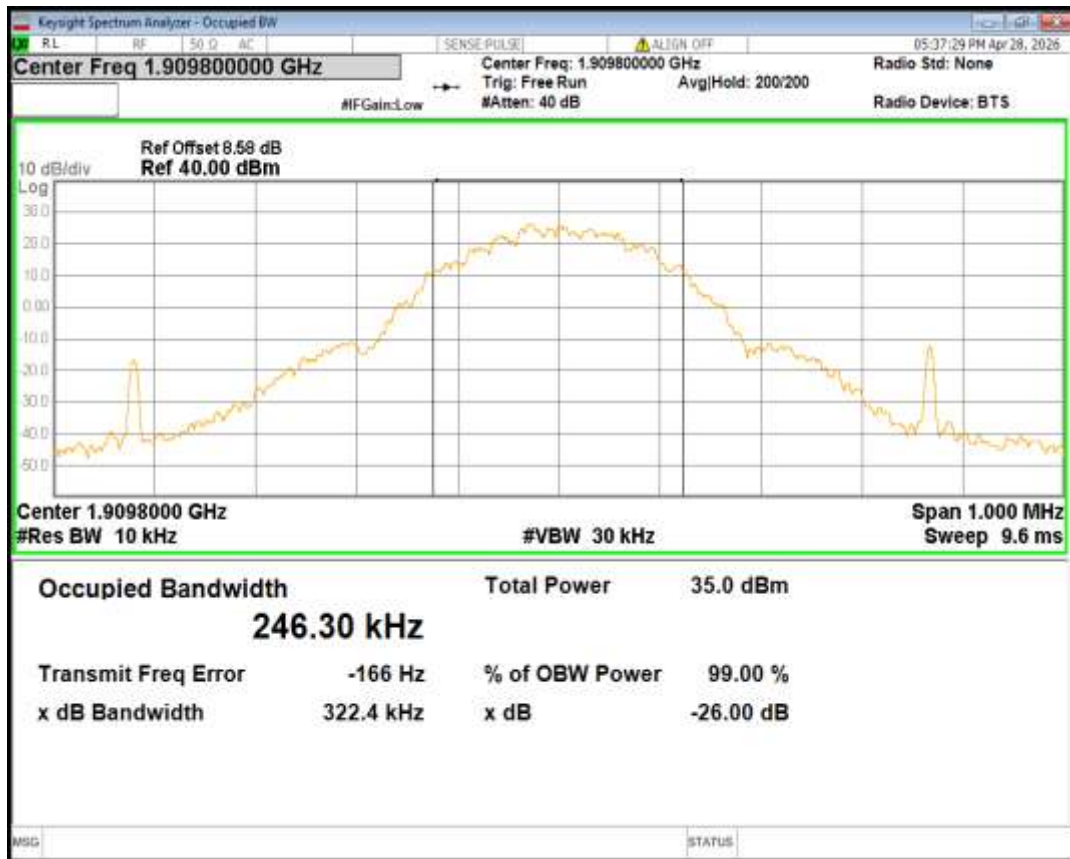
GPRS1900 Channel=512



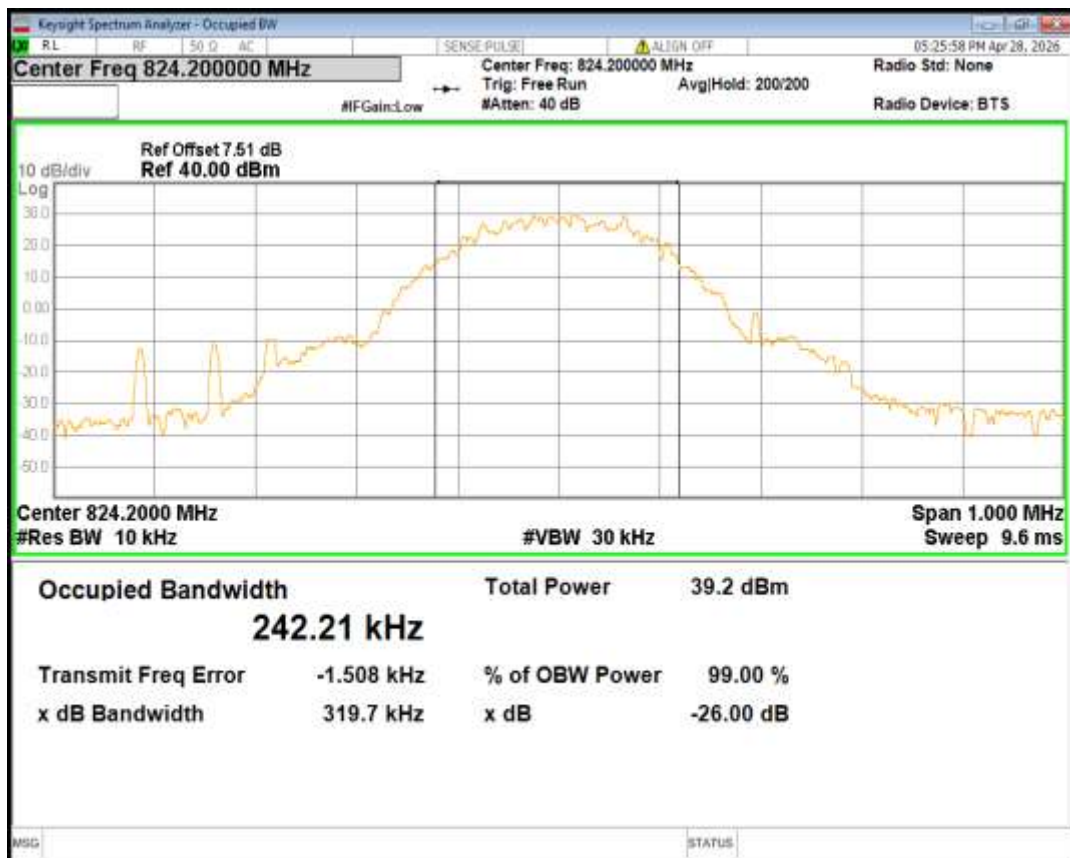
GPRS1900 Channel=661



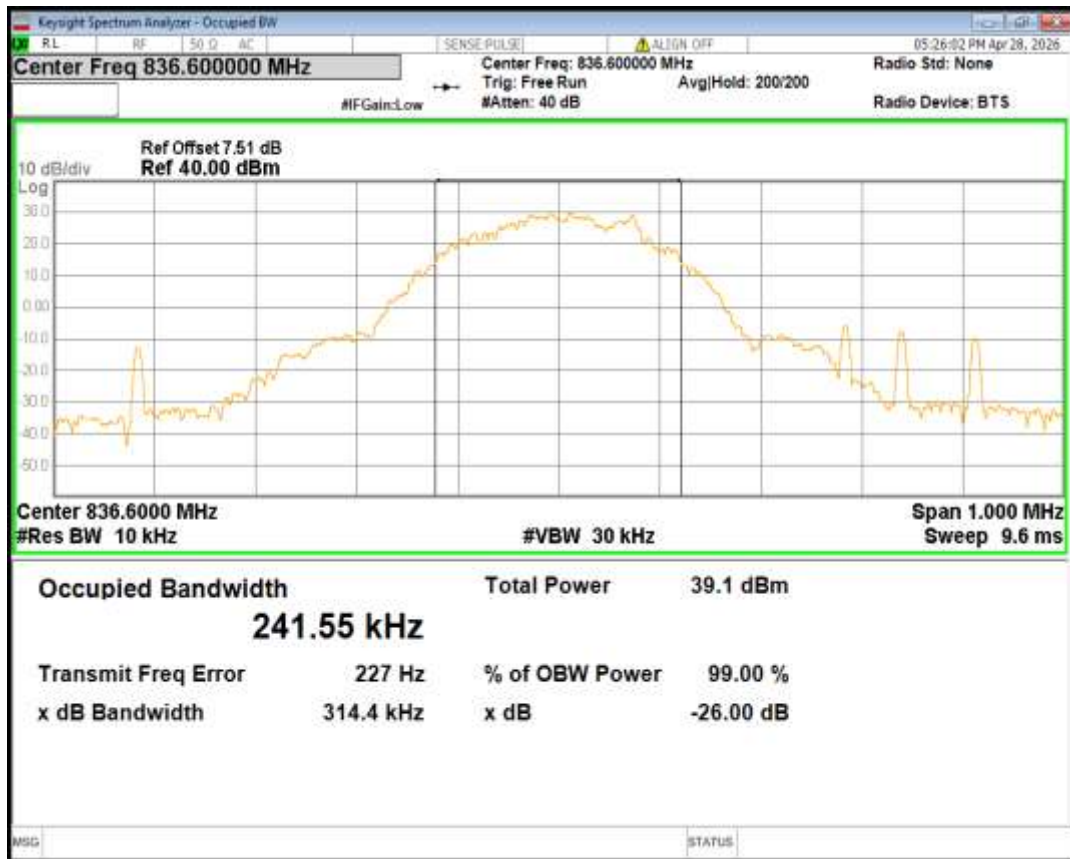
GPRS1900 Channel=810



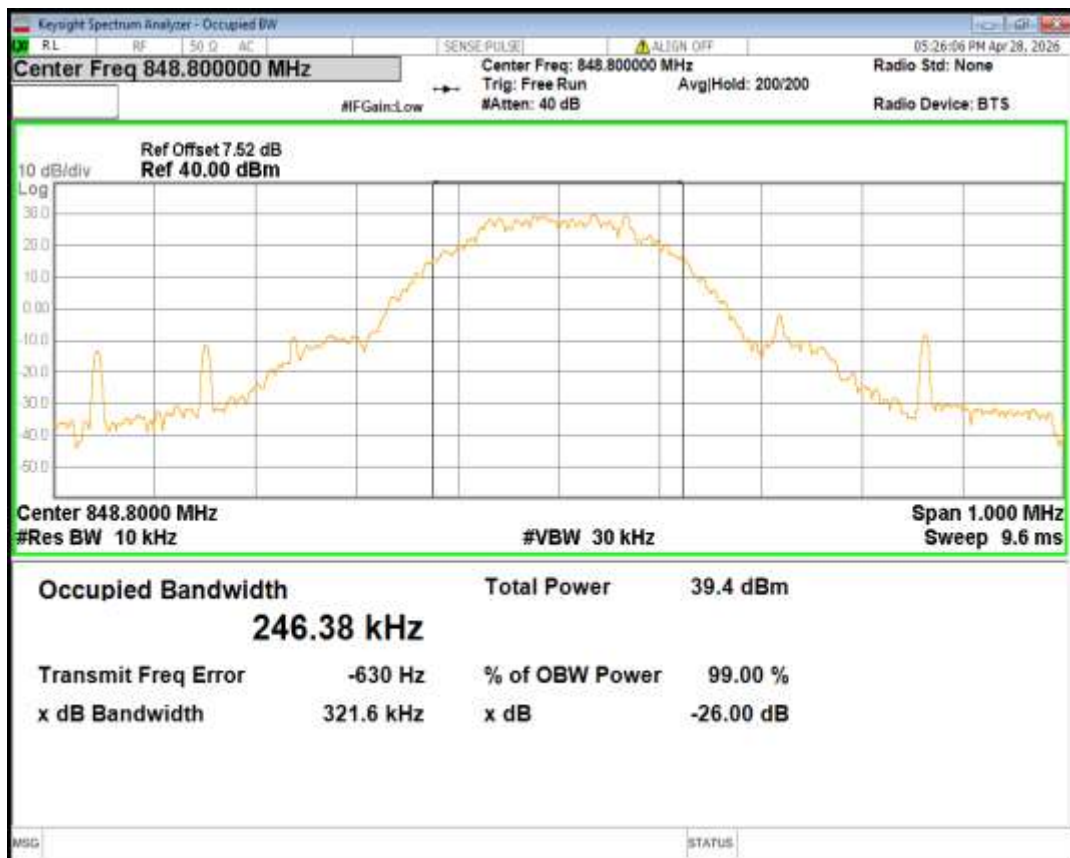
GPRS850 Channel=128



GPRS850 Channel=190



GPRS850 Channel=251



11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.99	-31.40	-13	PASS
GPRS1900	810	1909.8	1910.02	-30.97	-13	PASS
GPRS850	128	824.2	824.00	-25.85	-13	PASS
GPRS850	251	848.8	849.02	-27.38	-13	PASS

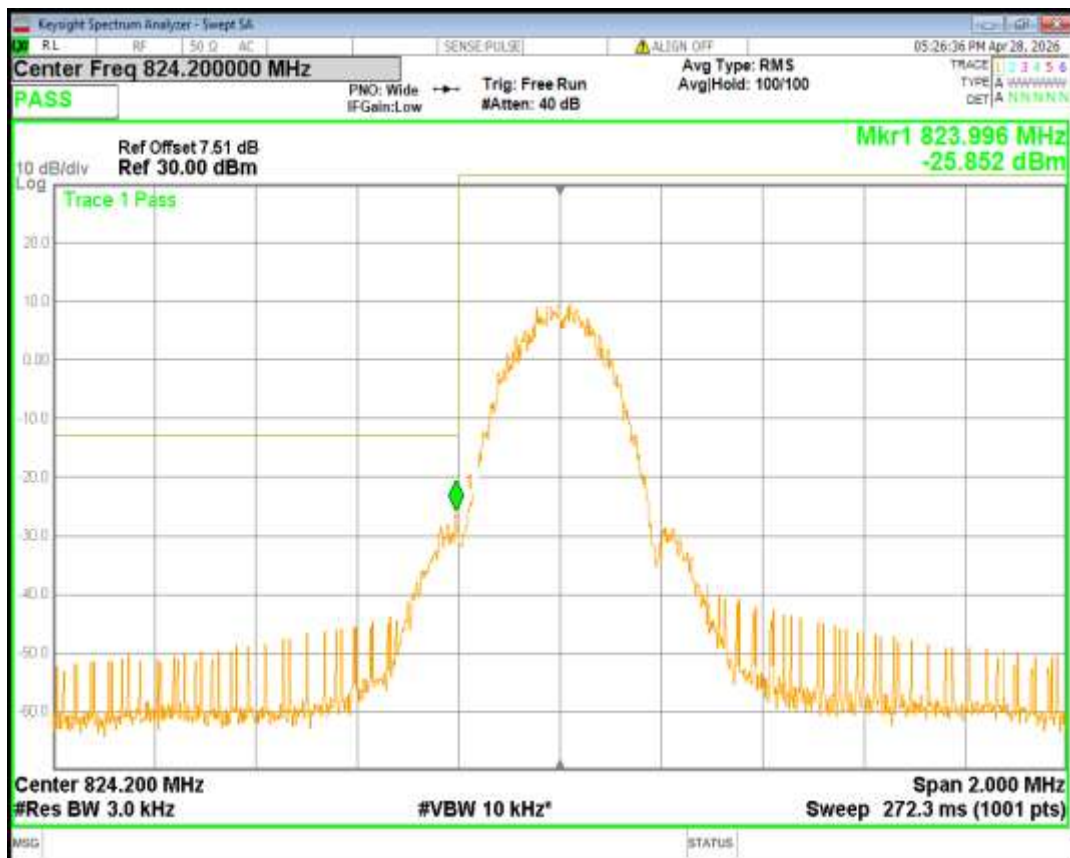
GPRS1900 Channel=512



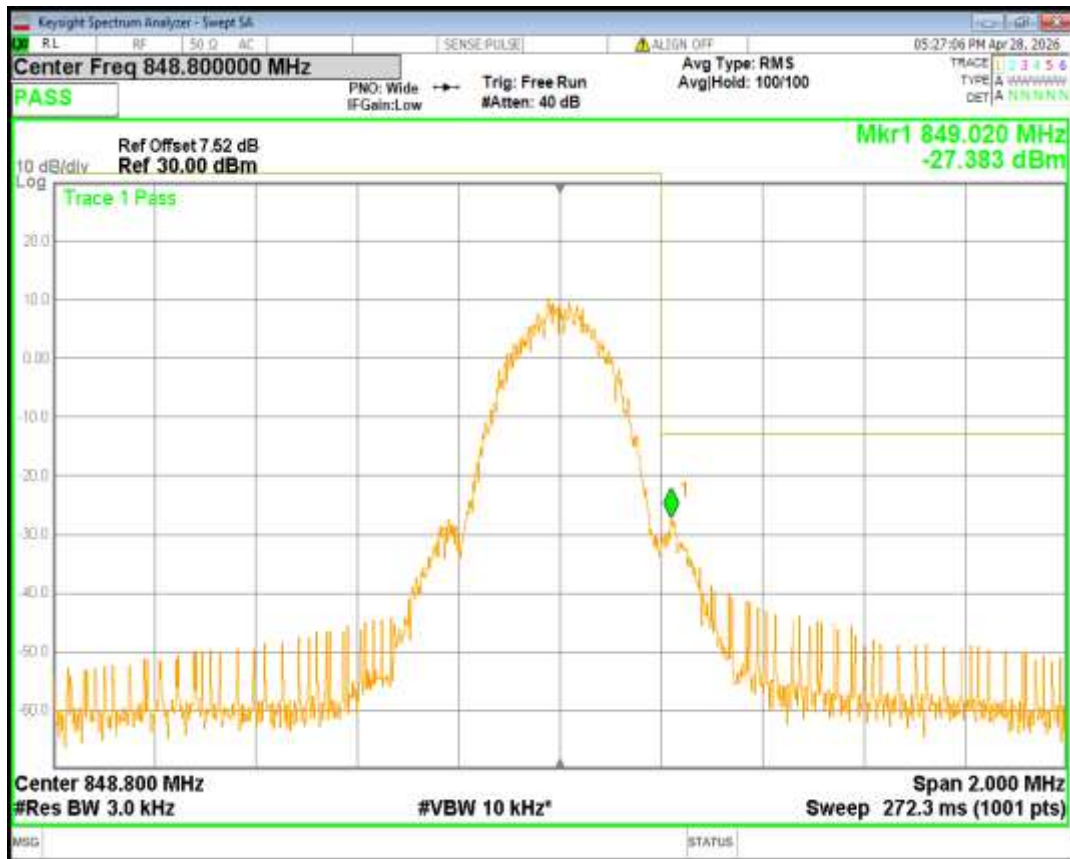
GPRS1900 Channel=810



GPRS850 Channel=128



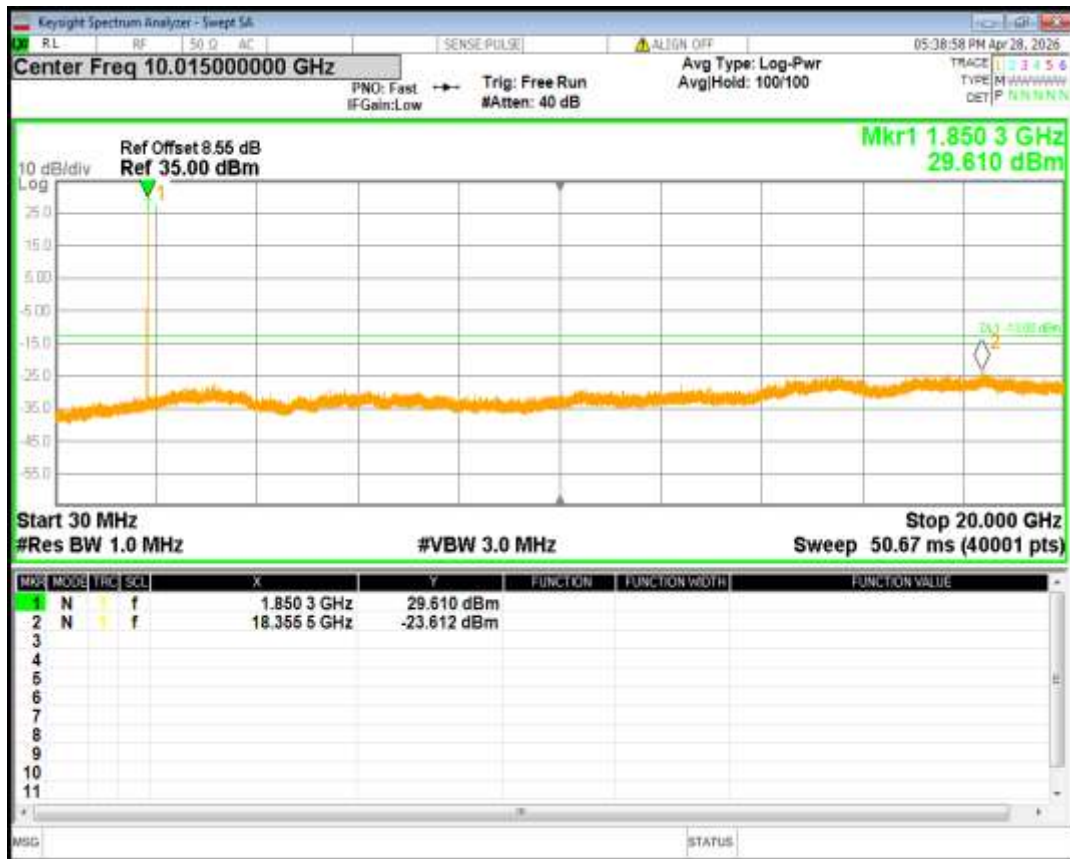
GPRS850 Channel=251



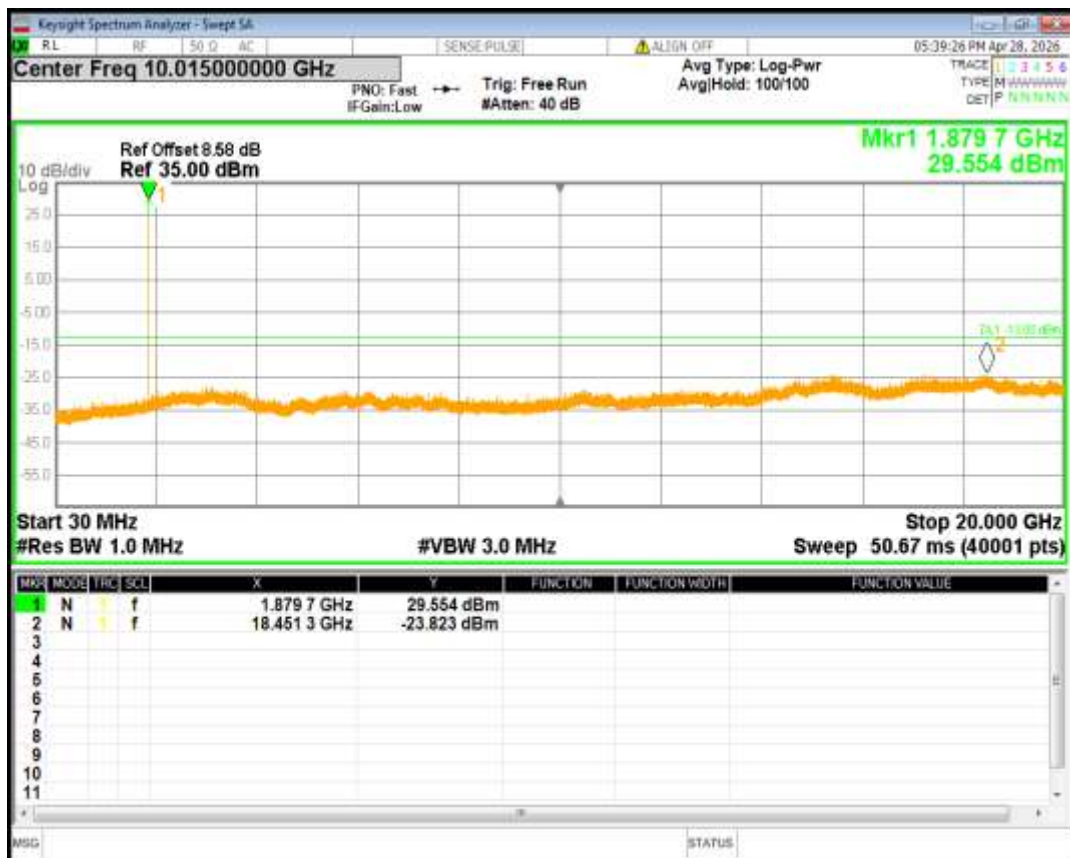
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	18355.47	-23.61	-13	PASS
GPRS1900	661	1880	18451.33	-23.82	-13	PASS
GPRS1900	810	1909.8	18539.69	-23.67	-13	PASS
GPRS850	128	824.2	3367.46	-29.56	-13	PASS
GPRS850	190	836.6	2509.54	-27.98	-13	PASS
GPRS850	251	848.8	2553.41	-28.73	-13	PASS

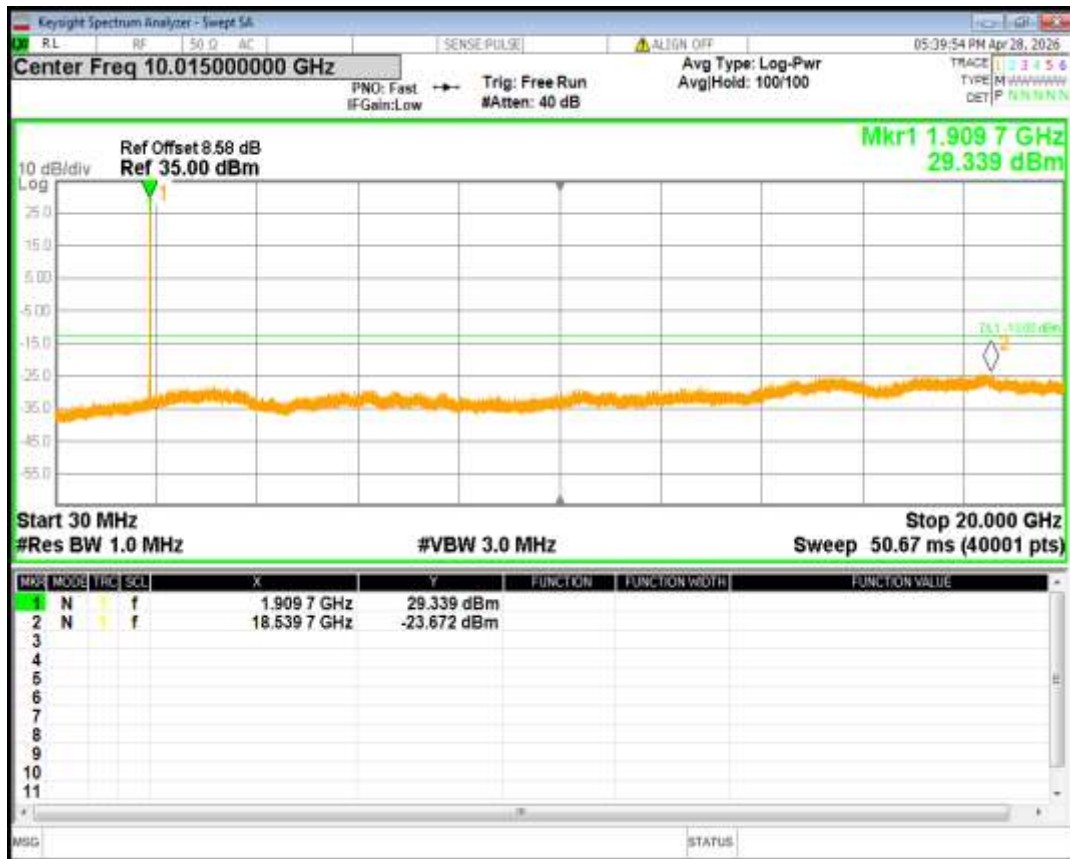
GPRS1900 Channel=512



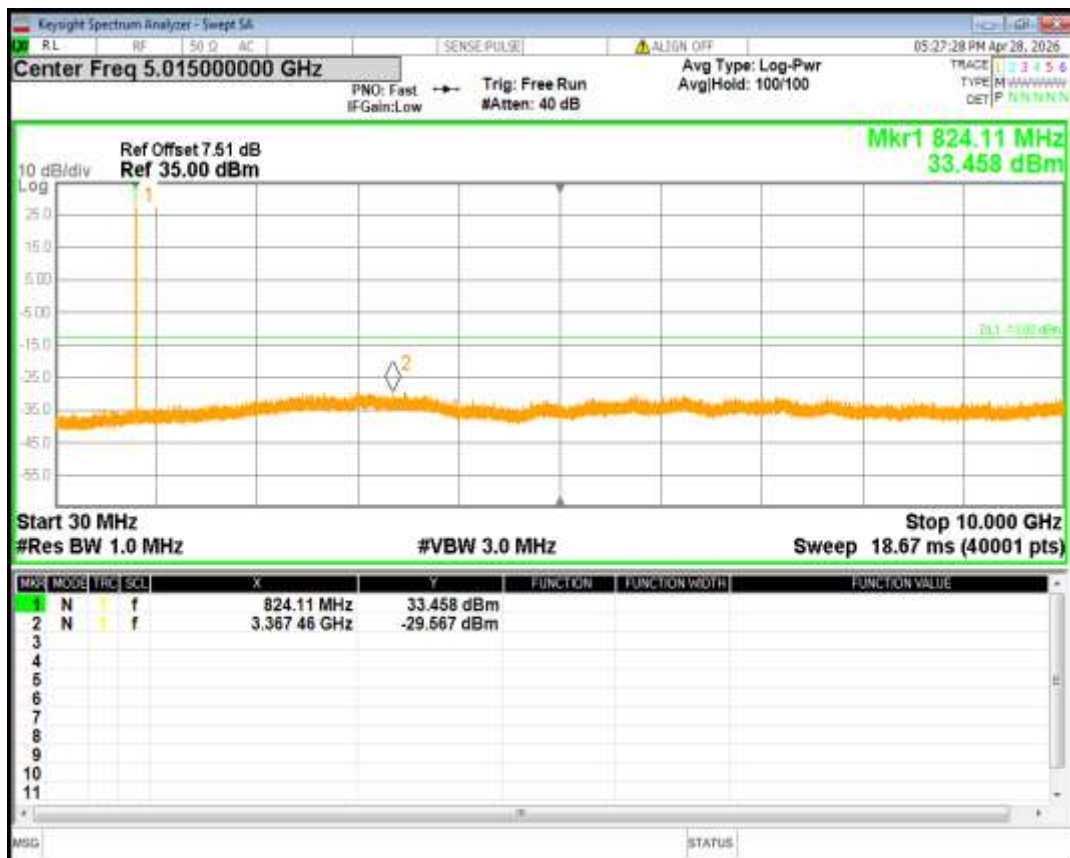
GPRS1900 Channel=661



GPRS1900 Channel=810



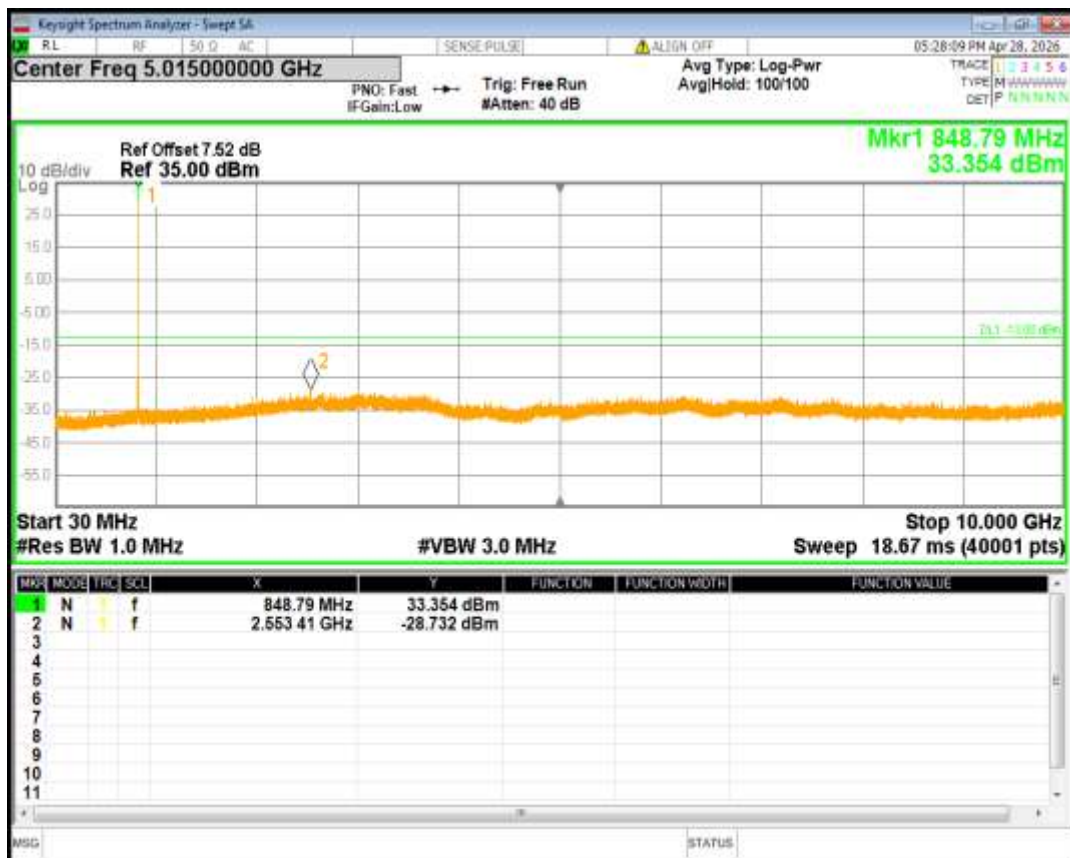
GPRS850 Channel=128



GPRS850 Channel=190



GPRS850 Channel=251



01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
GSM1900	512	1850.2	29.11	2.2	31.31	33.01	PASS
GSM1900	661	1880	29.05	2.2	31.25	33.01	PASS
GSM1900	810	1909.8	29.05	2.2	31.25	33.01	PASS
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
GSM850	128	824.2	33.32	-3.7	27.47	38.45	PASS
GSM850	190	836.6	33.24	-3.7	27.39	38.45	PASS
GSM850	251	848.8	33.30	-3.7	27.45	38.45	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.68	13	PASS
GSM1900	661	1880	2.68	13	PASS
GSM1900	810	1909.8	2.69	13	PASS
GSM850	128	824.2	2.64	13	PASS
GSM850	190	836.6	2.61	13	PASS
GSM850	251	848.8	2.63	13	PASS

GSM1900 Channel=512



GSM1900 Channel=661



GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



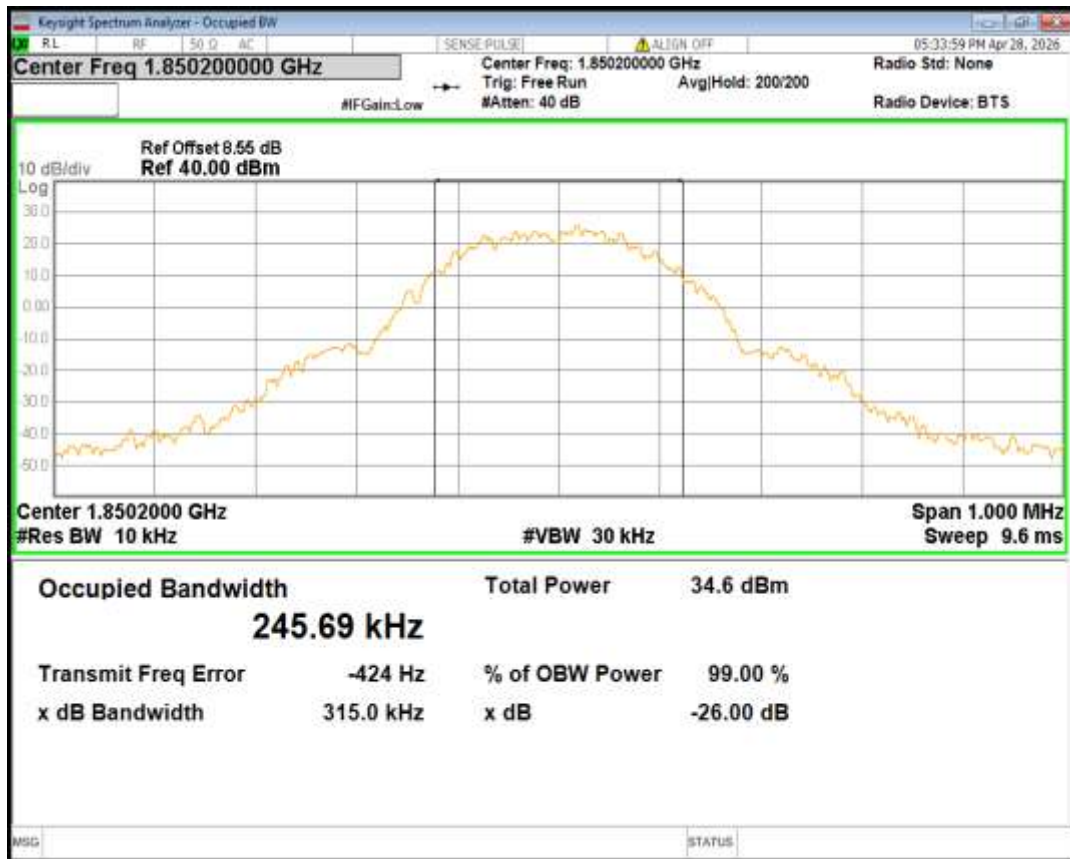
GSM850 Channel=251



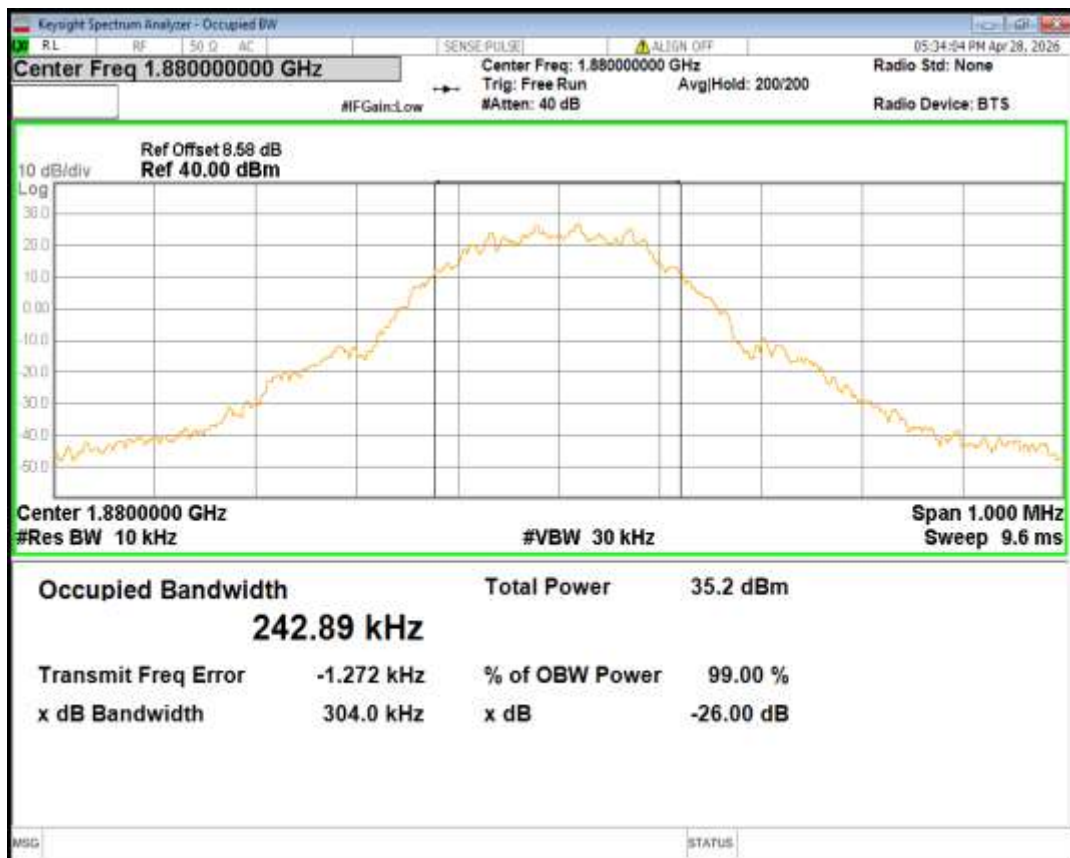
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	245.694	314.999	PASS
GSM1900	661	1880	242.892	304.022	PASS
GSM1900	810	1909.8	243.305	315.667	PASS
GSM850	128	824.2	248.150	320.505	PASS
GSM850	190	836.6	242.651	312.004	PASS
GSM850	251	848.8	240.646	312.605	PASS

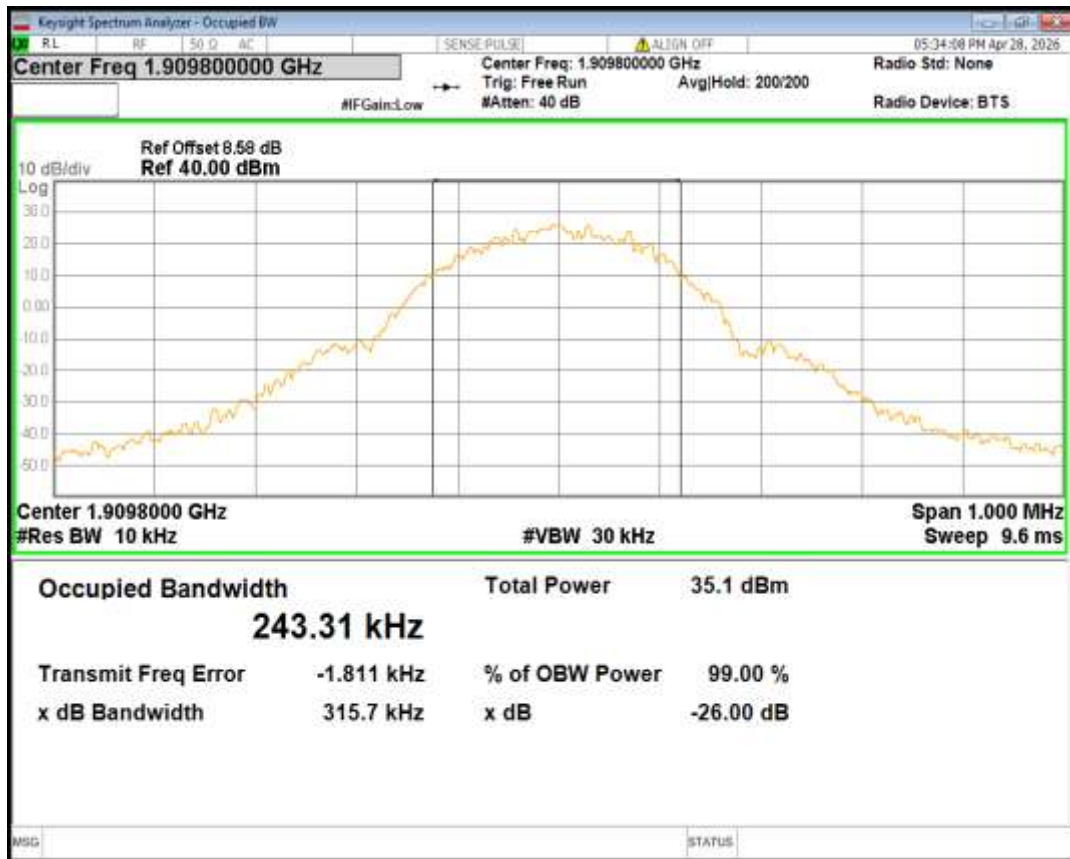
GSM1900 Channel=512



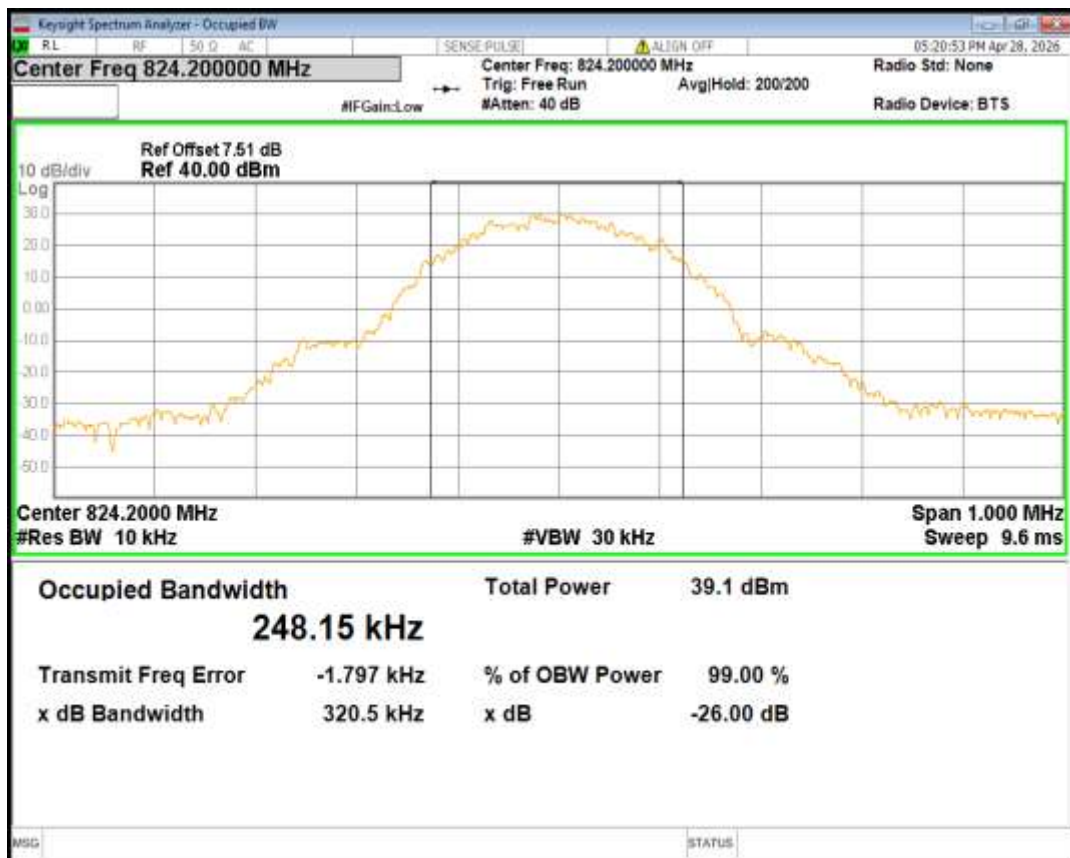
GSM1900 Channel=661



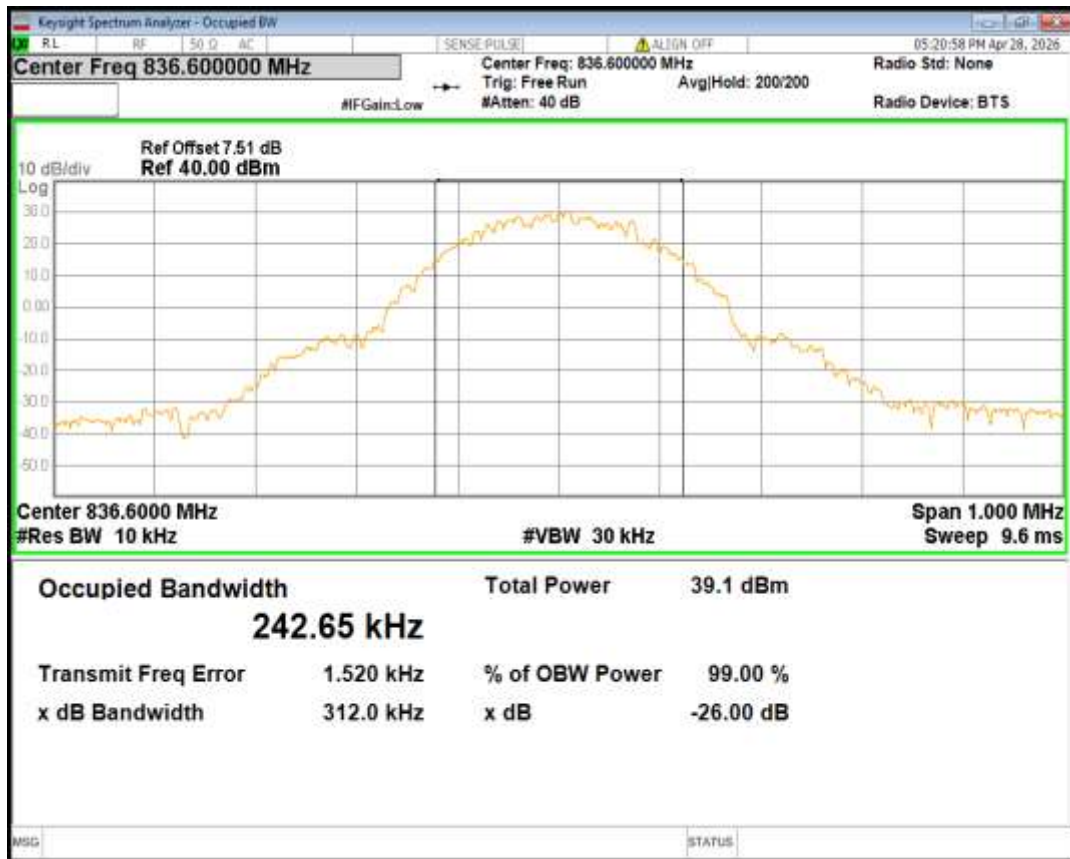
GSM1900 Channel=810



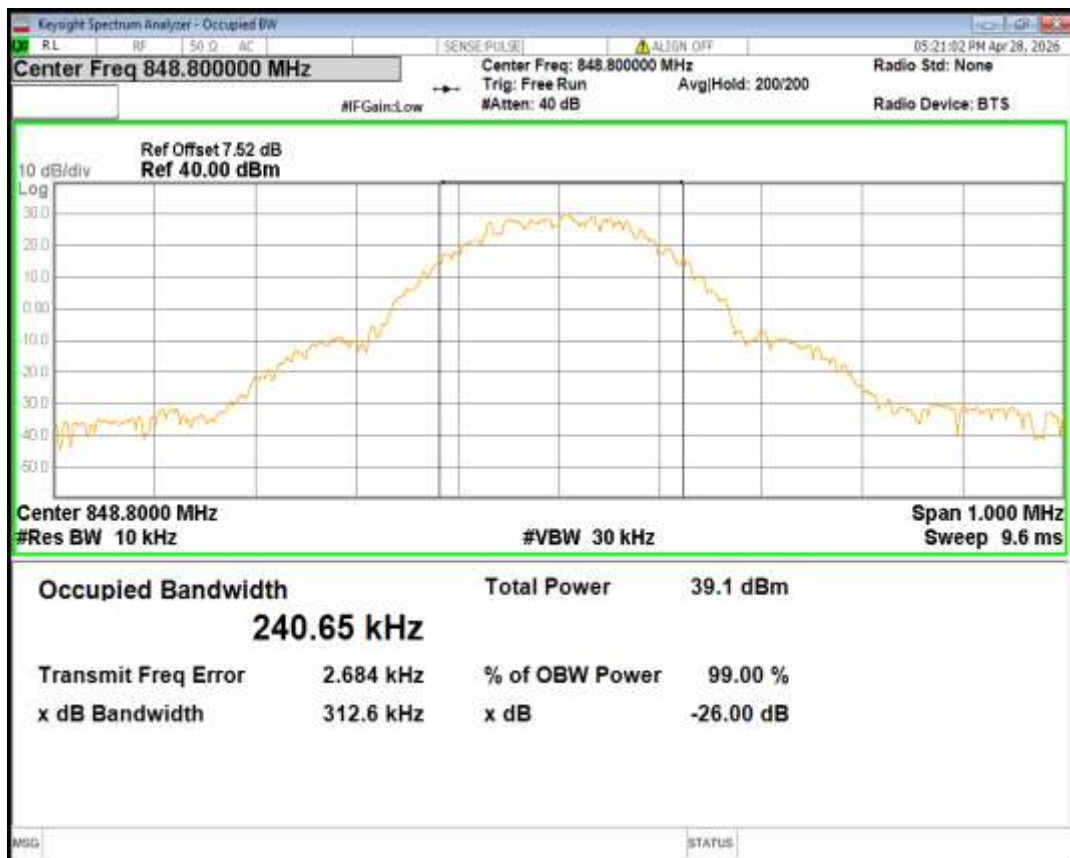
GSM850 Channel=128



GSM850 Channel=190



GSM850 Channel=251



05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.98	-31.26	-13	PASS
GSM1900	810	1909.8	1910.02	-30.17	-13	PASS
GSM850	128	824.2	823.98	-26.23	-13	PASS
GSM850	251	848.8	849.02	-27.29	-13	PASS

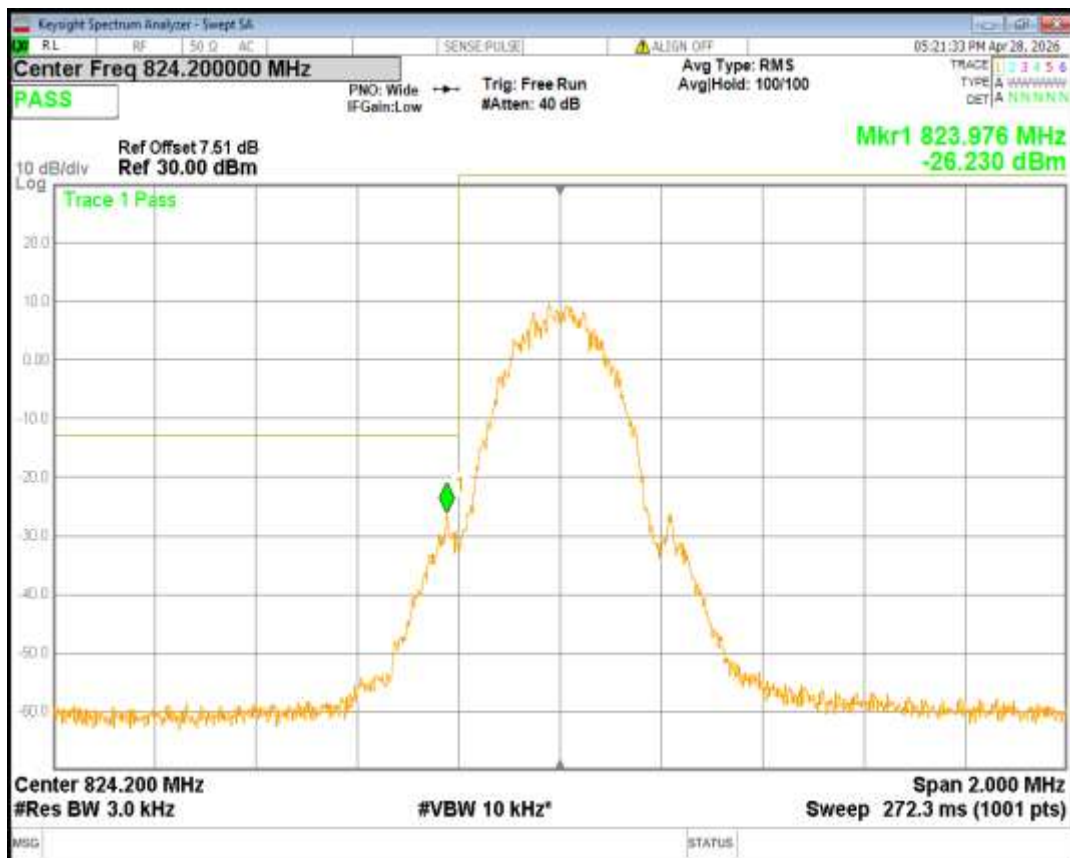
GSM1900 Channel=512



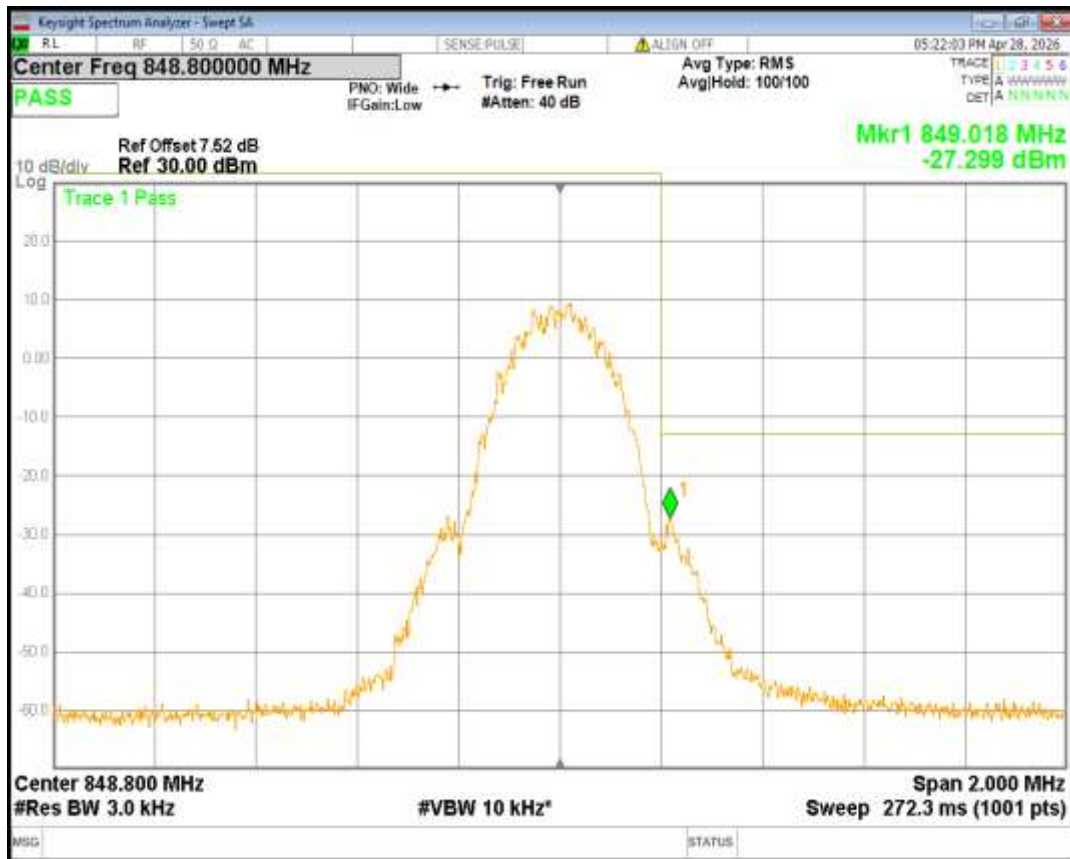
GSM1900 Channel=810



GSM850 Channel=128



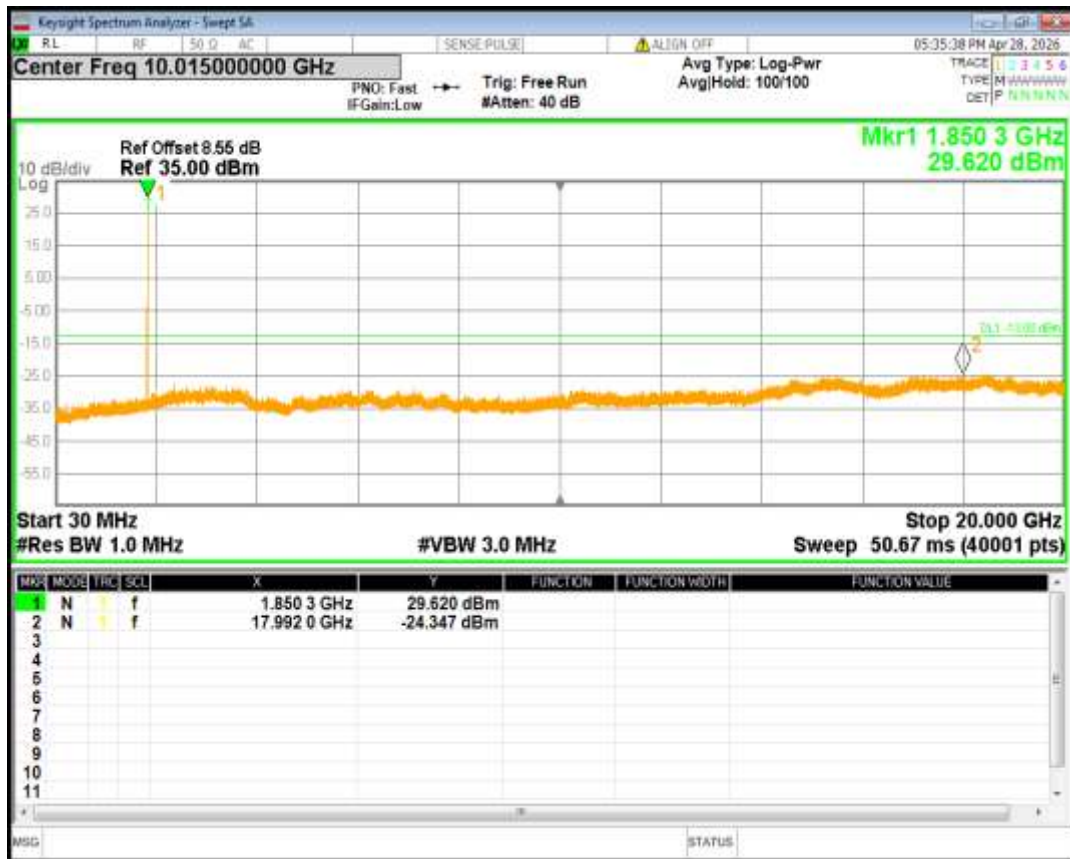
GSM850 Channel=251



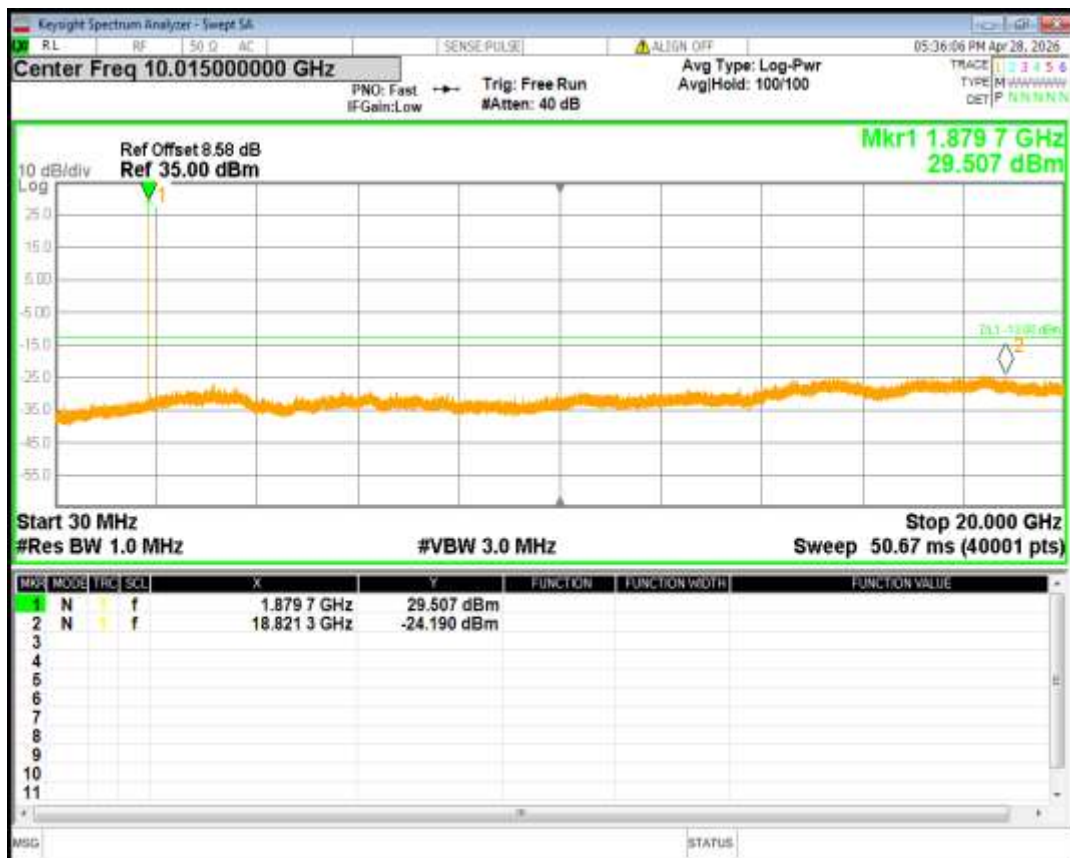
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	17992.02	-24.34	-13	PASS
GSM1900	661	1880	18821.27	-24.18	-13	PASS
GSM1900	810	1909.8	18453.32	-23.28	-13	PASS
GSM850	128	824.2	3015.02	-28.99	-13	PASS
GSM850	190	836.6	3146.12	-28.52	-13	PASS
GSM850	251	848.8	3148.12	-29.27	-13	PASS

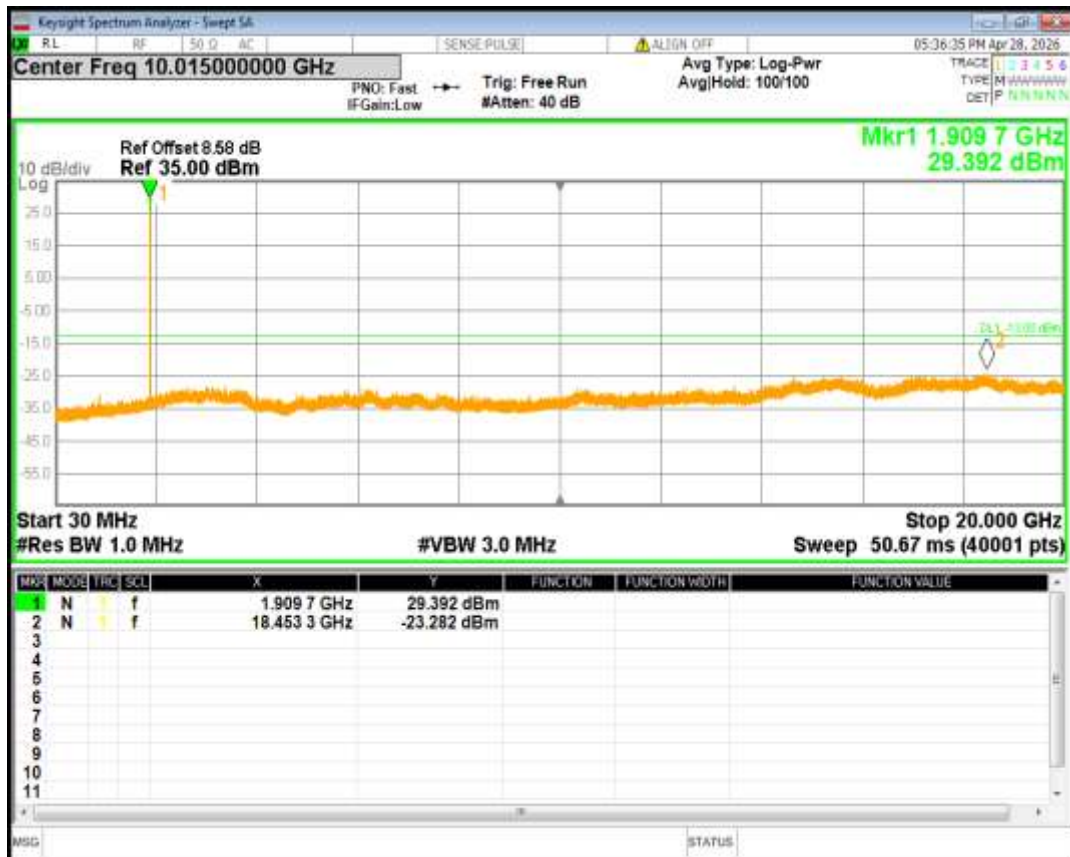
GSM1900 Channel=512



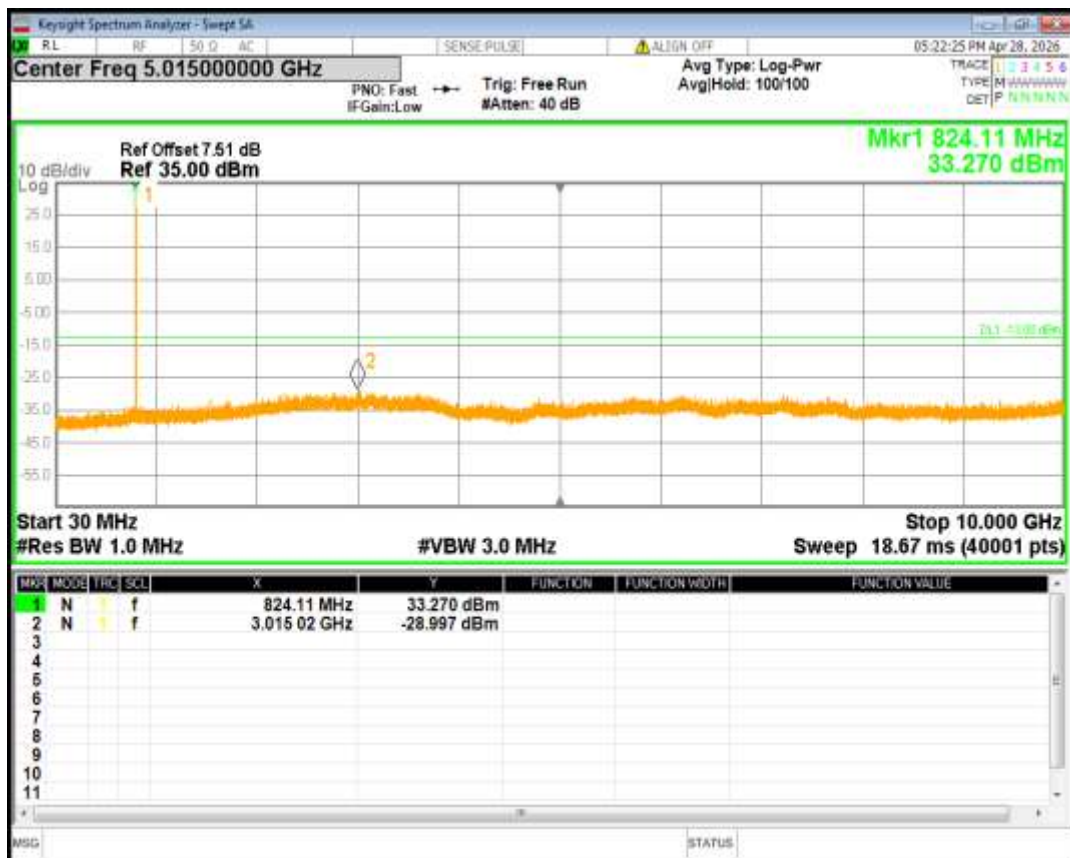
GSM1900 Channel=661



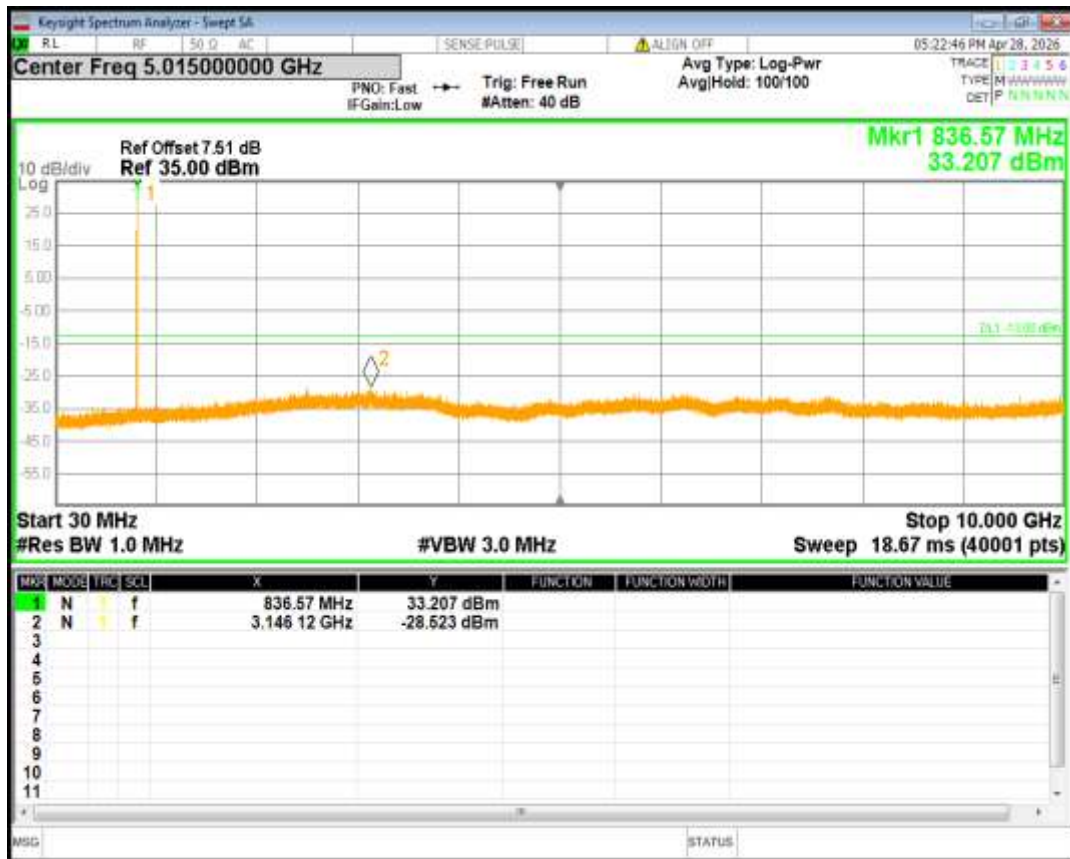
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



GSM850 Channel=251

