

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	26.43	-0.6	23.68	33.01	25.83	33.01	PASS
EGPRS1900 1 Slot	661	1880	26.72	-0.6	23.97	33.01	26.12	33.01	PASS
EGPRS1900 1 Slot	810	1909.8	26.82	-0.6	24.07	33.01	26.22	33.01	PASS
EGPRS1900 2 Slot	512	1850.2	25.20	-0.6	22.45	33.01	24.60	33.01	PASS
EGPRS1900 2 Slot	661	1880	25.76	-0.6	23.01	33.01	25.16	33.01	PASS
EGPRS1900 2 Slot	810	1909.8	25.63	-0.6	22.88	33.01	25.03	33.01	PASS
EGPRS1900 3 Slot	512	1850.2	23.30	-0.6	20.55	33.01	22.70	33.01	PASS
EGPRS1900 3 Slot	661	1880	23.87	-0.6	21.12	33.01	23.27	33.01	PASS
EGPRS1900 3 Slot	810	1909.8	24.06	-0.6	21.31	33.01	23.46	33.01	PASS
EGPRS1900 4 Slot	512	1850.2	22.07	-0.6	19.32	33.01	21.47	33.01	PASS
EGPRS1900 4 Slot	661	1880	22.74	-0.6	19.99	33.01	22.14	33.01	PASS
EGPRS1900 4 Slot	810	1909.8	22.83	-0.6	20.08	33.01	22.23	33.01	PASS
EGPRS850 1 Slot	128	824.2	28.21	-0.9	25.16	38.45	27.31	38.45	PASS
EGPRS850 1 Slot	190	836.6	27.73	-0.9	24.68	38.45	26.83	38.45	PASS
EGPRS850 1 Slot	251	848.8	27.86	-0.9	24.81	38.45	26.96	38.45	PASS
EGPRS850 2 Slot	128	824.2	27.19	-0.9	24.14	38.45	26.29	38.45	PASS
EGPRS850 2 Slot	190	836.6	26.79	-0.9	23.74	38.45	25.89	38.45	PASS
EGPRS850 2 Slot	251	848.8	26.90	-0.9	23.85	38.45	26.00	38.45	PASS
EGPRS850 3 Slot	128	824.2	24.89	-0.9	21.84	38.45	23.99	38.45	PASS
EGPRS850 3 Slot	190	836.6	25.00	-0.9	21.95	38.45	24.10	38.45	PASS

EGPRS850 3 Slot	251	848.8	24.94	-0.9	21.89	38.45	24.04	38.45	PASS
EGPRS850 4 Slot	128	824.2	23.71	-0.9	20.66	38.45	22.81	38.45	PASS
EGPRS850 4 Slot	190	836.6	23.64	-0.9	20.59	38.45	22.74	38.45	PASS
EGPRS850 4 Slot	251	848.8	23.79	-0.9	20.74	38.45	22.89	38.45	PASS

15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	6.353543599	13.00	PASS
EGPRS1900	661	1880	6.009543568	13.00	PASS
EGPRS1900	810	1909.8	6.220612691	13.00	PASS
EGPRS850	128	824.2	8.079815864	13.00	PASS
EGPRS850	190	836.6	7.865285171	13.00	PASS
EGPRS850	251	848.8	7.826885246	13.00	PASS

EGPRS1900 Channel=512



EGPRS1900 Channel=661



EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=190



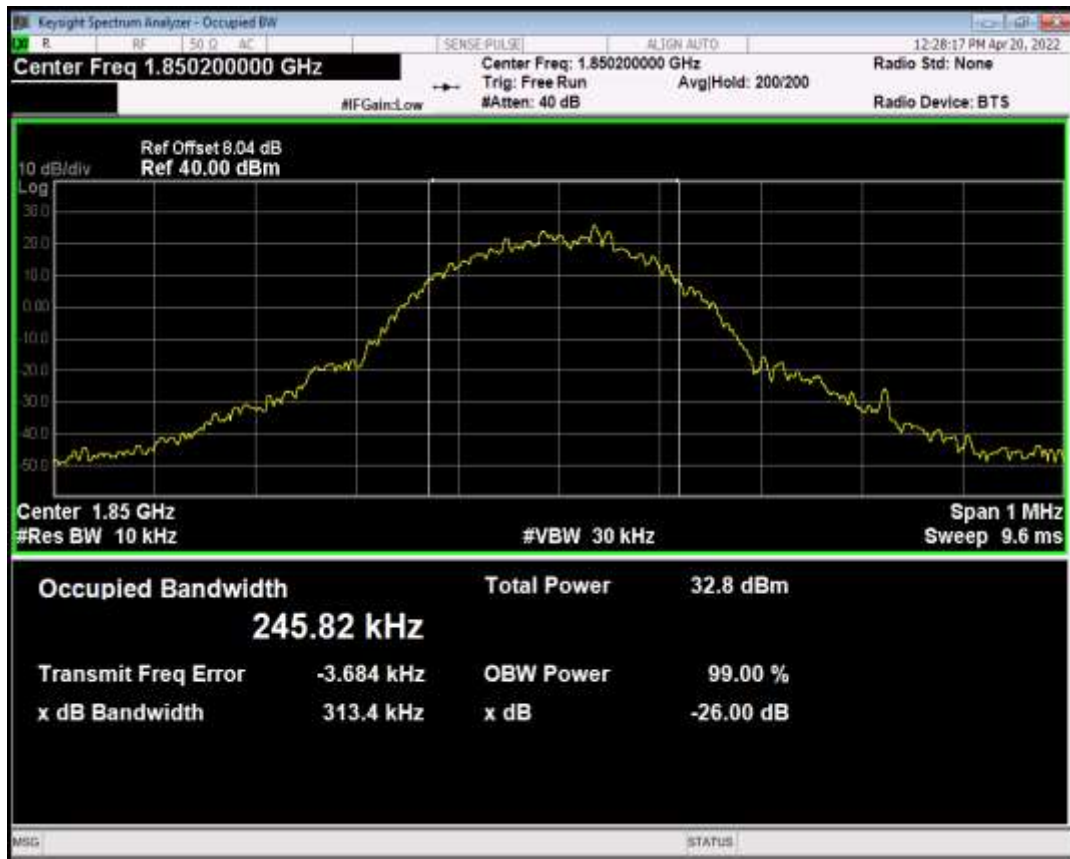
EGPRS850 Channel=251



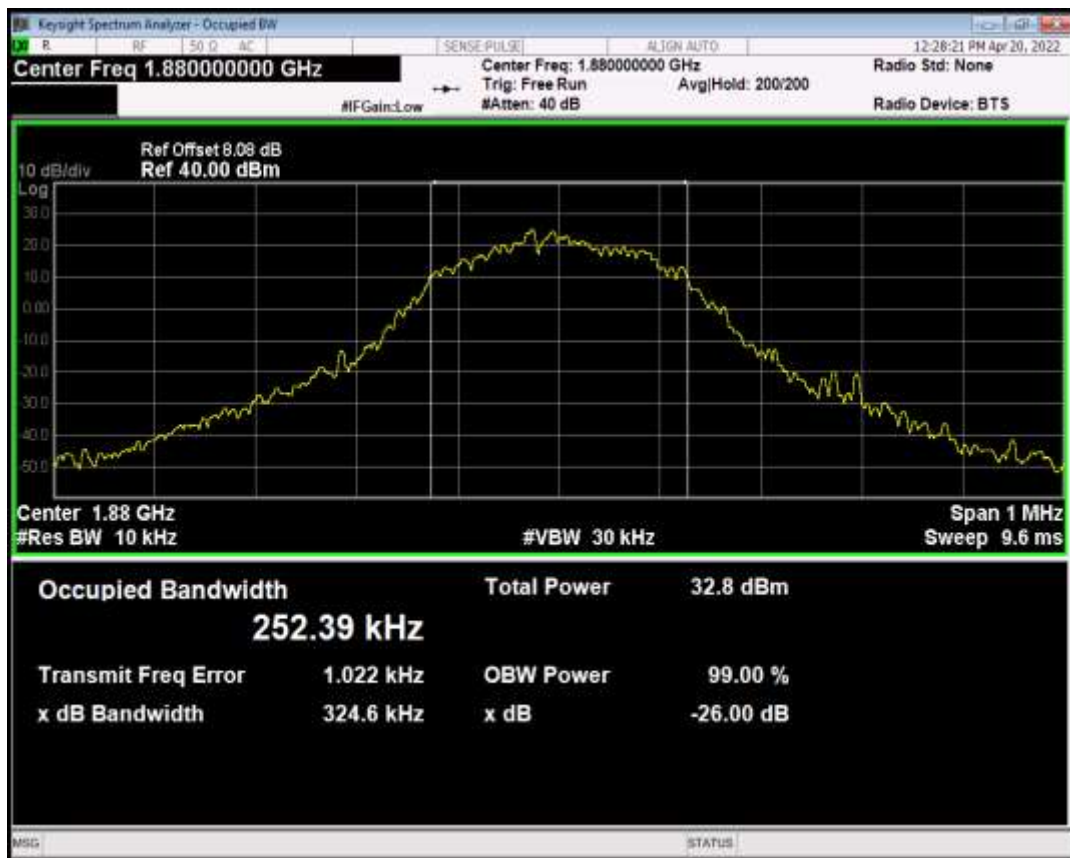
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	245.818	313.438	PASS
EGPRS1900	661	1880	252.395	324.620	PASS
EGPRS1900	810	1909.8	251.788	322.269	PASS
EGPRS850	128	824.2	244.483	307.183	PASS
EGPRS850	190	836.6	259.516	326.056	PASS
EGPRS850	251	848.8	248.942	315.543	PASS

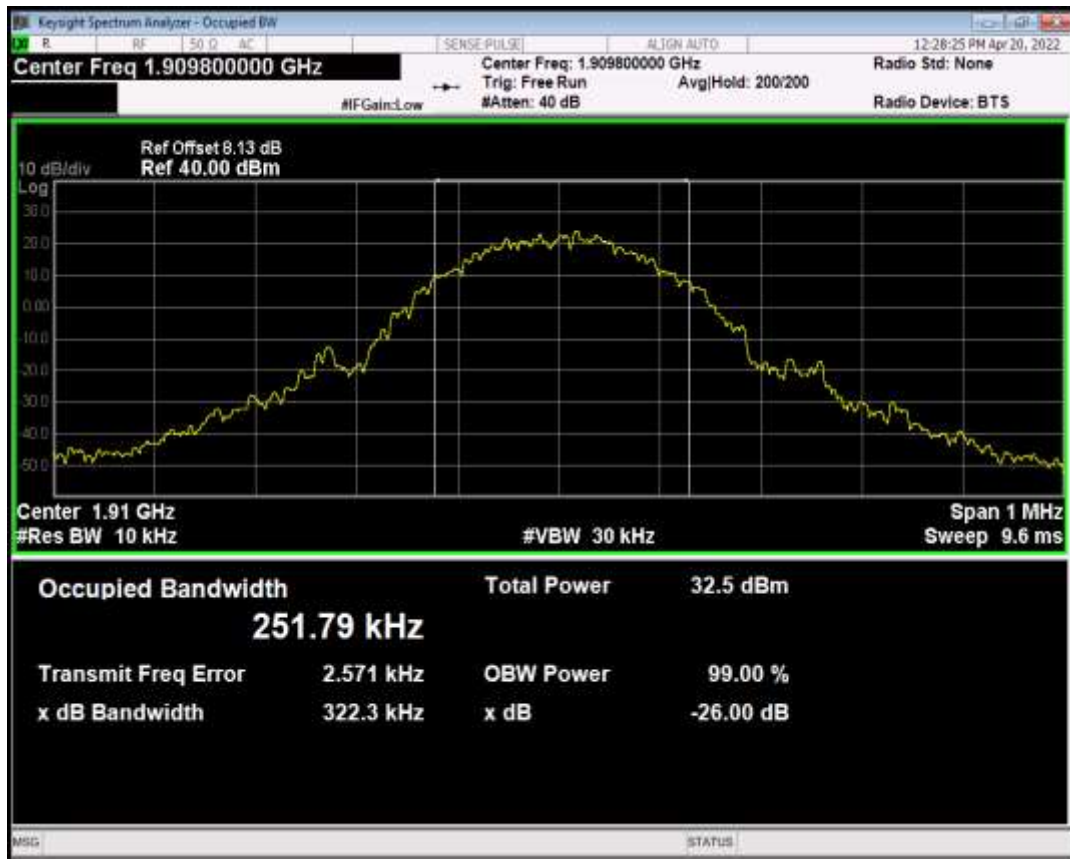
EGPRS1900 Channel=512



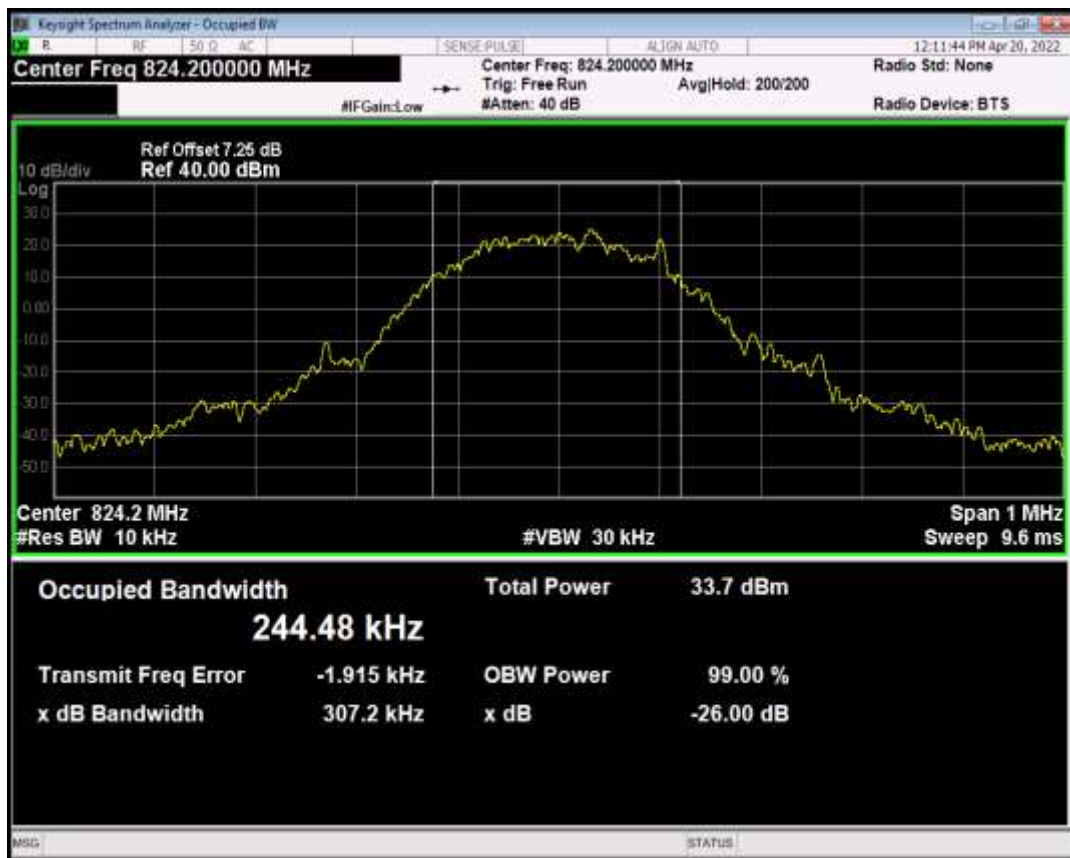
EGPRS1900 Channel=661



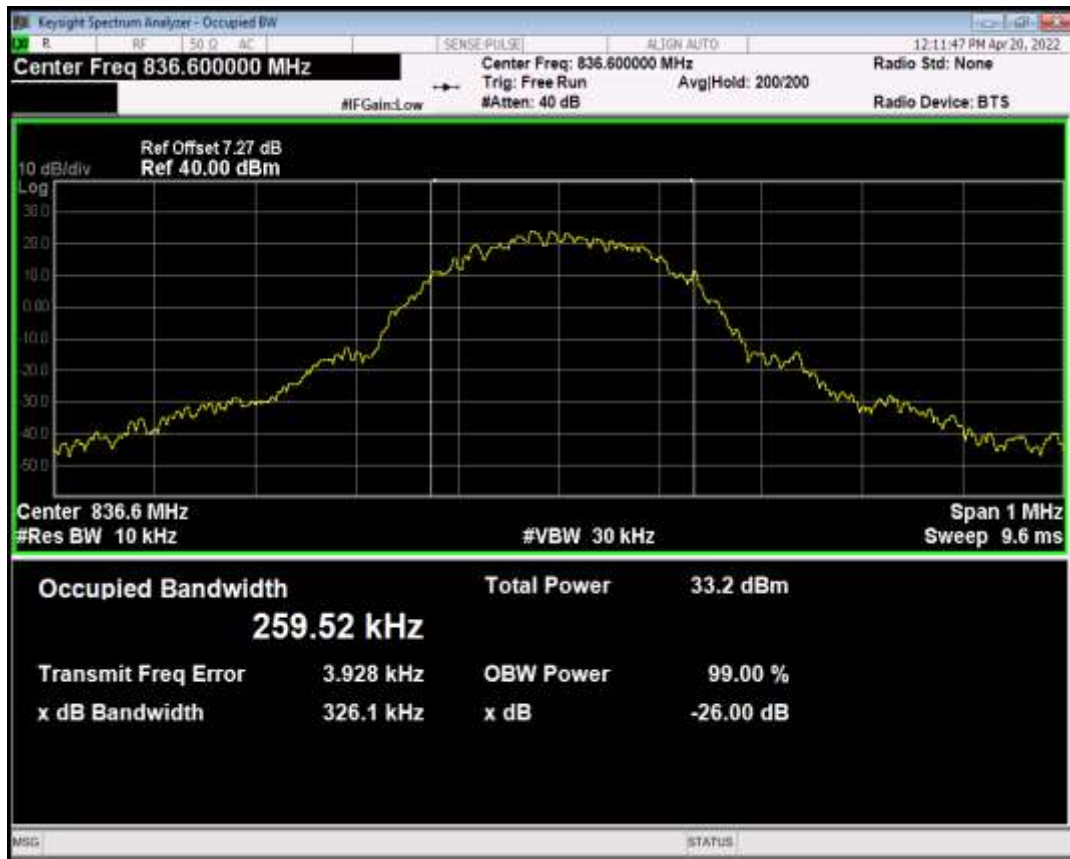
EGPRS1900 Channel=810



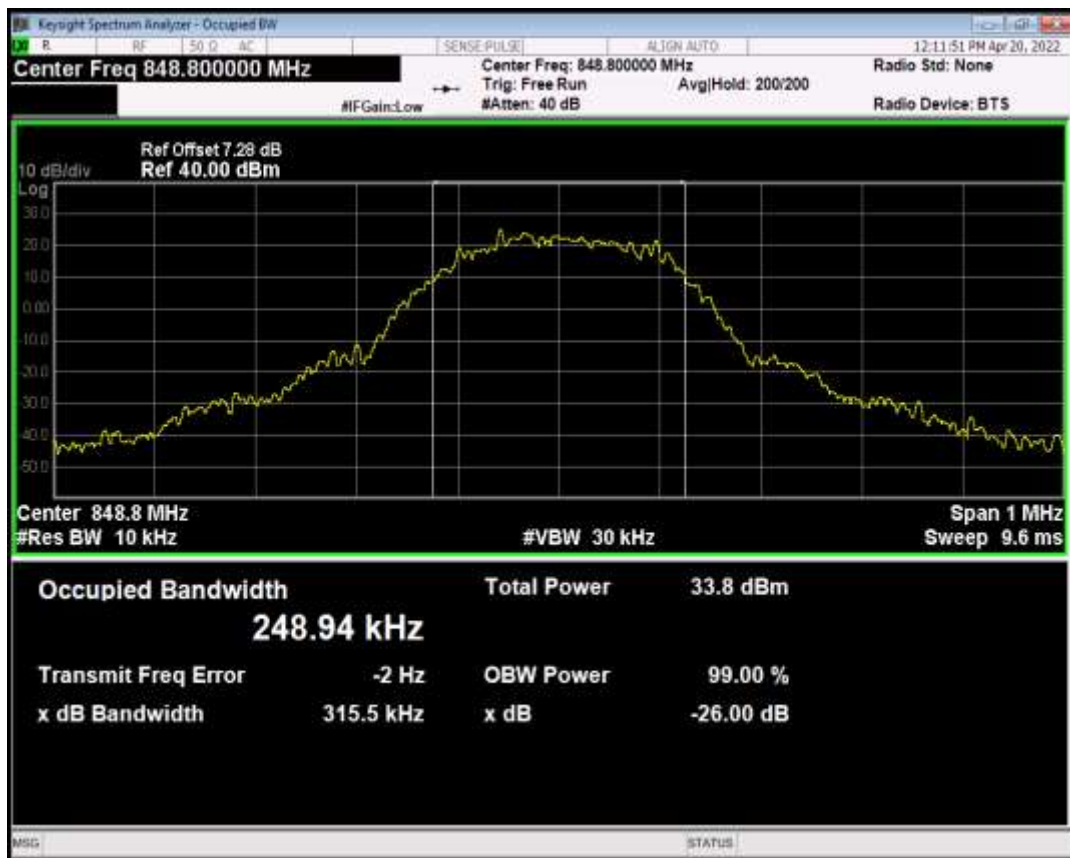
EGPRS850 Channel=128



EGPRS850 Channel=190



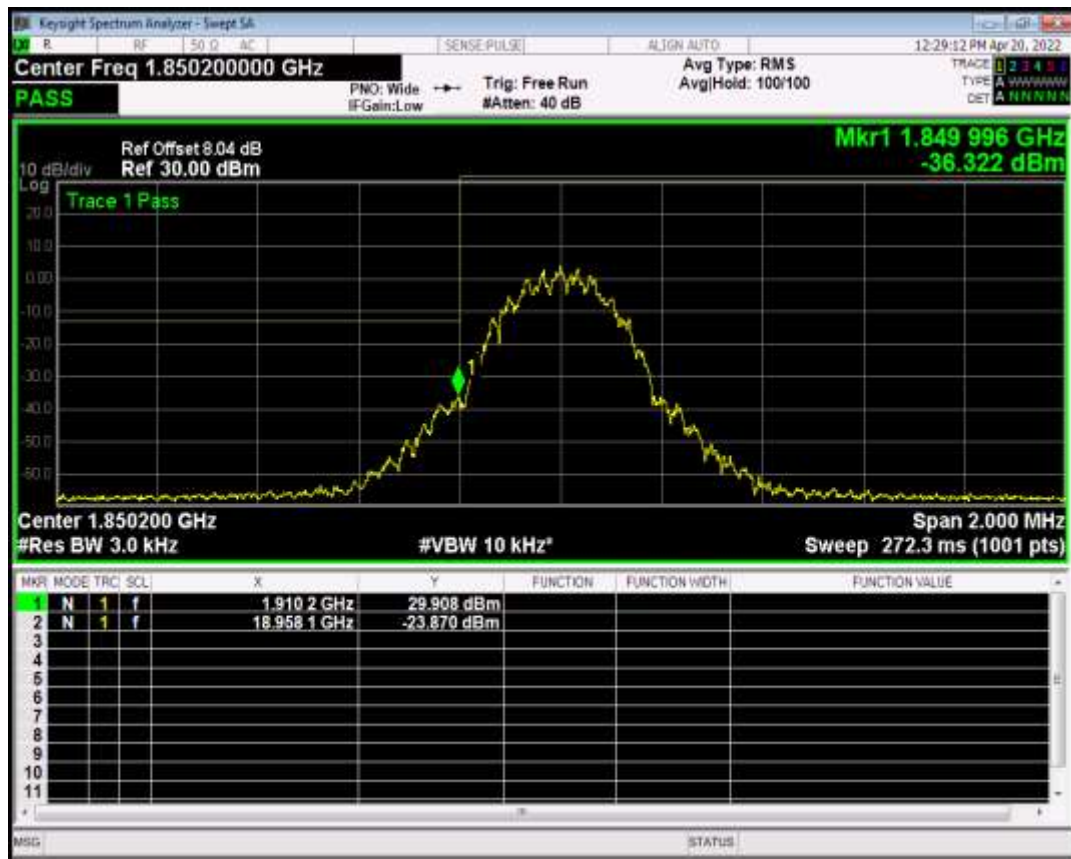
EGPRS850 Channel=251



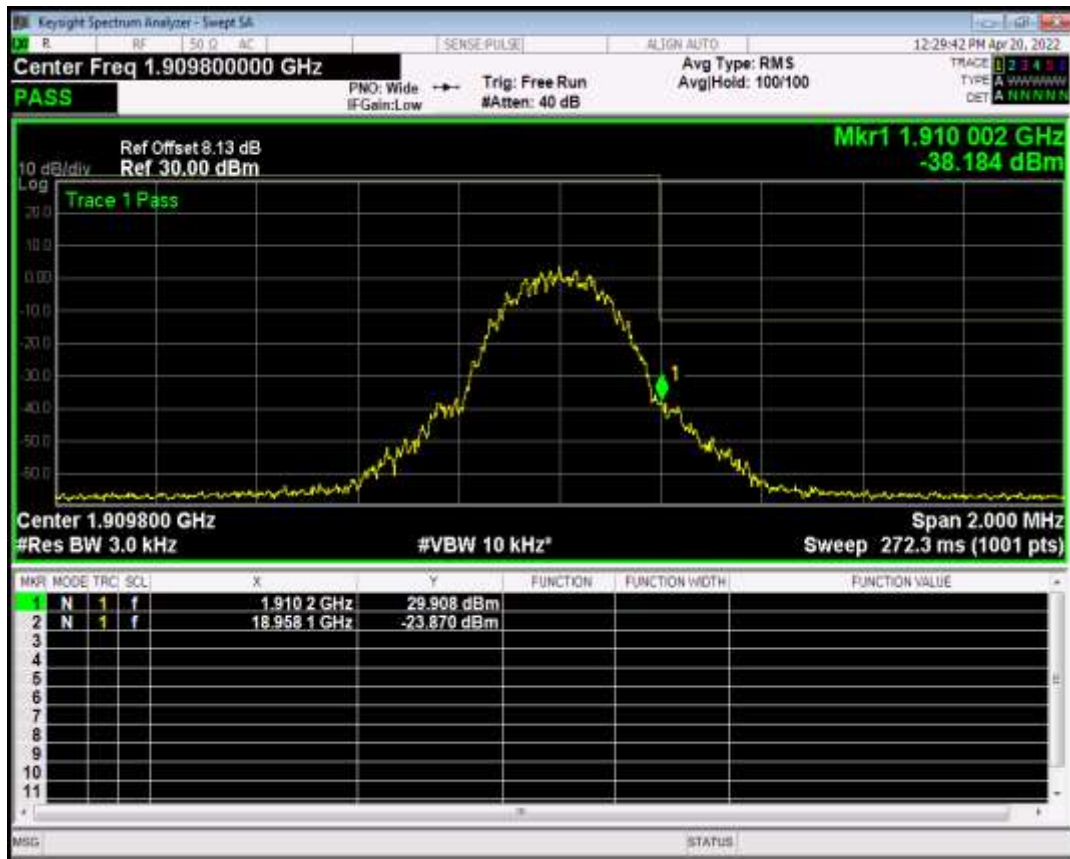
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1850.00	-36.32	-13	PASS
EGPRS1900	810	1909.8	1910.00	-38.18	-13	PASS
EGPRS850	128	824.2	823.97	-34.66	-13	PASS
EGPRS850	251	848.8	849.03	-34.72	-13	PASS

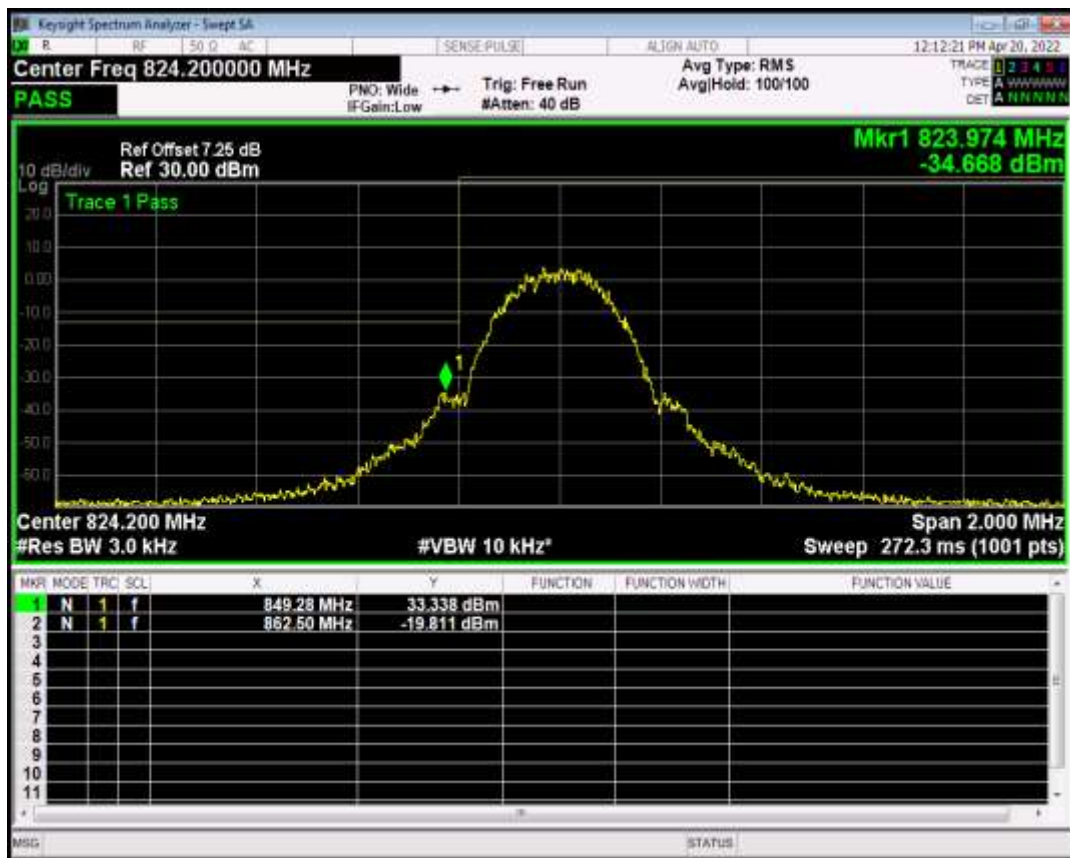
EGPRS1900 Channel=512



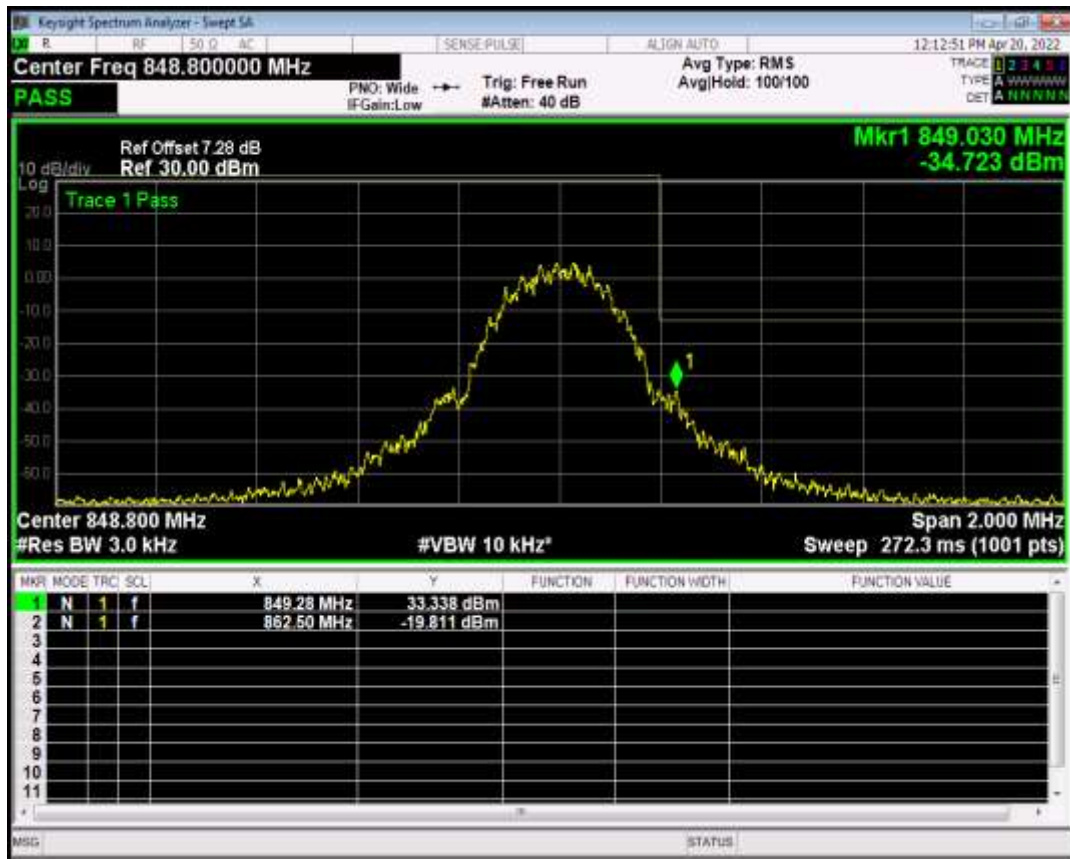
EGPRS1900 Channel=810



EGPRS850 Channel=128



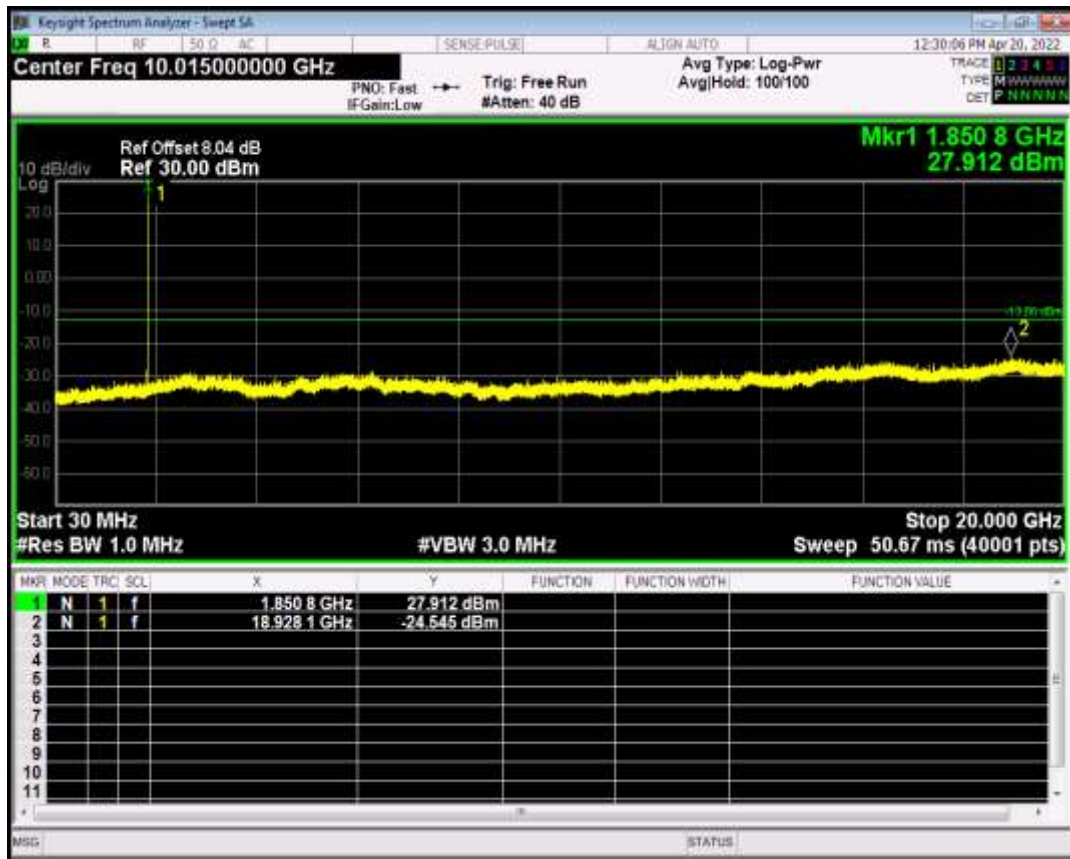
EGPRS850 Channel=251



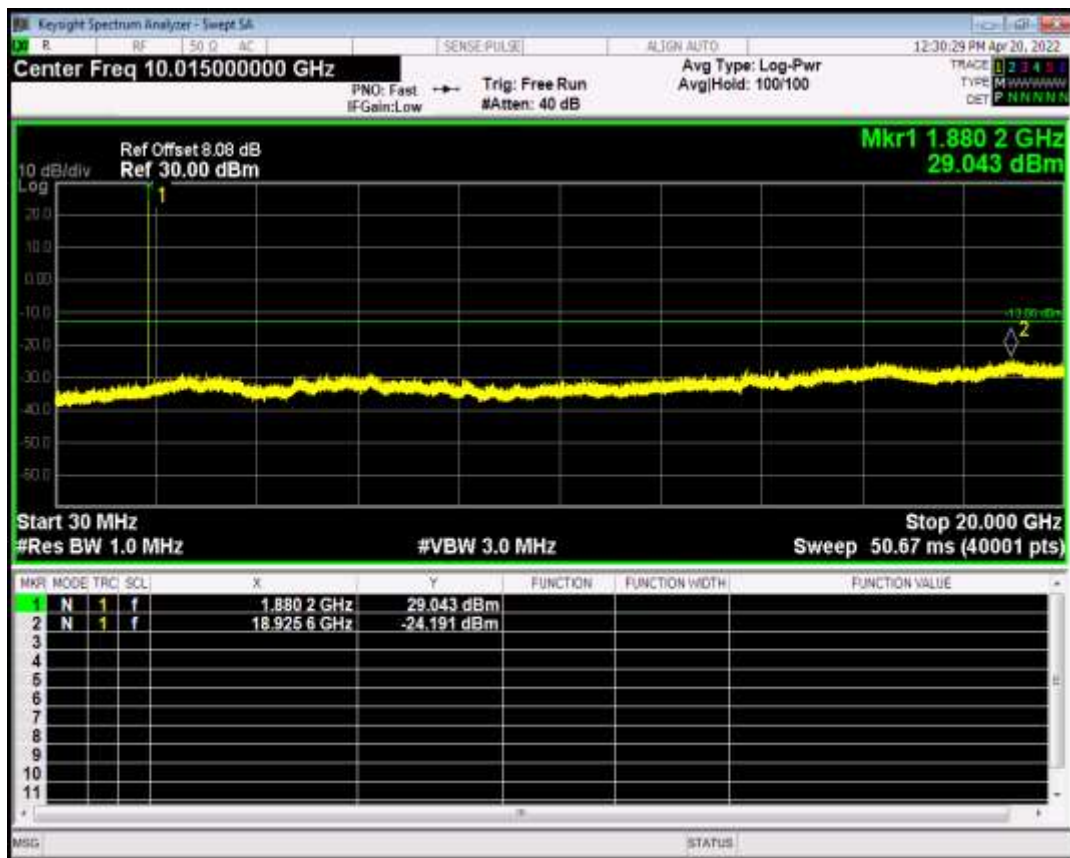
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	18928.11	-24.54	-13	PASS
EGPRS1900	661	1880	18925.61	-24.19	-13	PASS
EGPRS1900	810	1909.8	18949.58	-24.36	-13	PASS
EGPRS850	128	824.2	6345.50	-29.01	-13	PASS
EGPRS850	190	836.6	2835.81	-29.40	-13	PASS
EGPRS850	251	848.8	5698.44	-29.36	-13	PASS

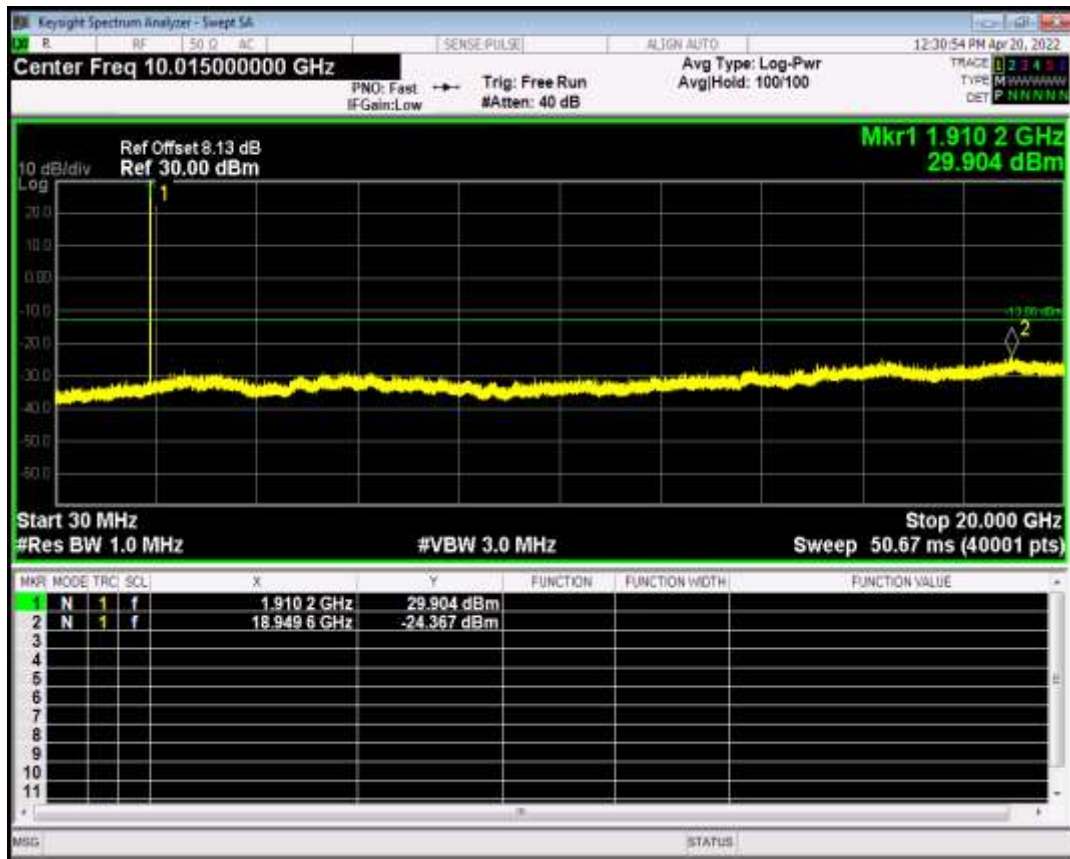
EGPRS1900 Channel=512



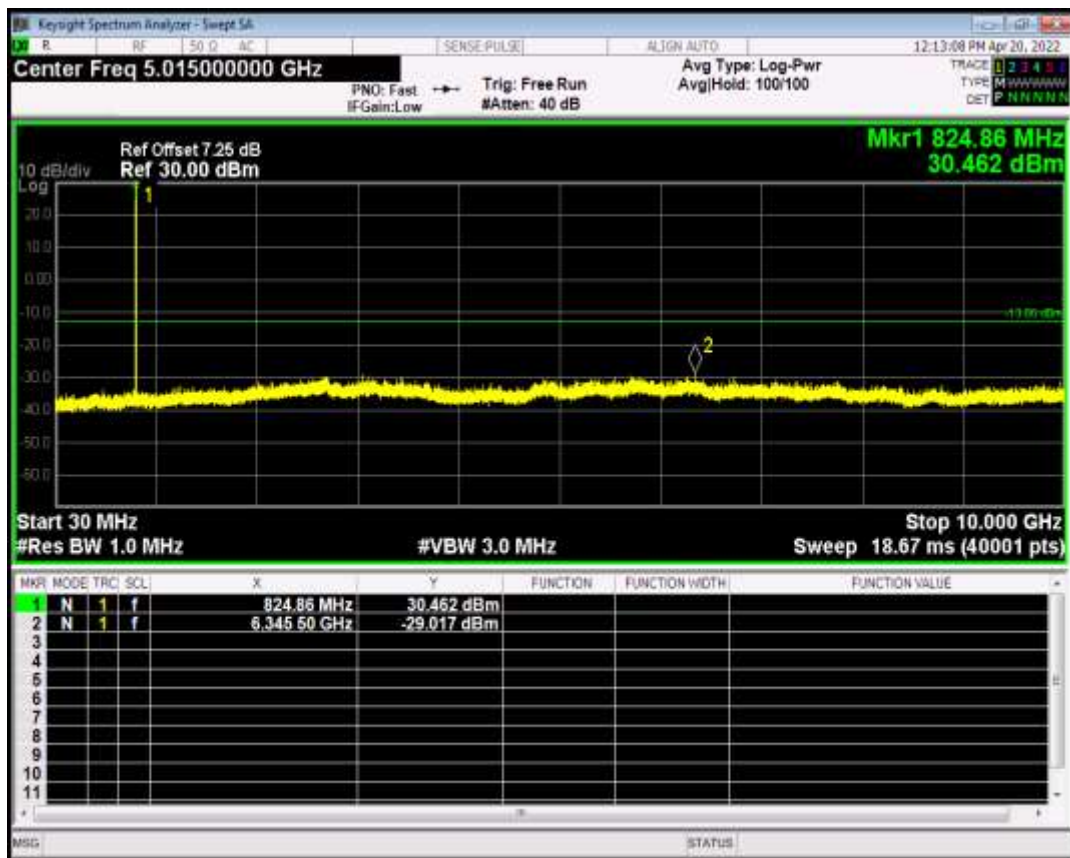
EGPRS1900 Channel=661



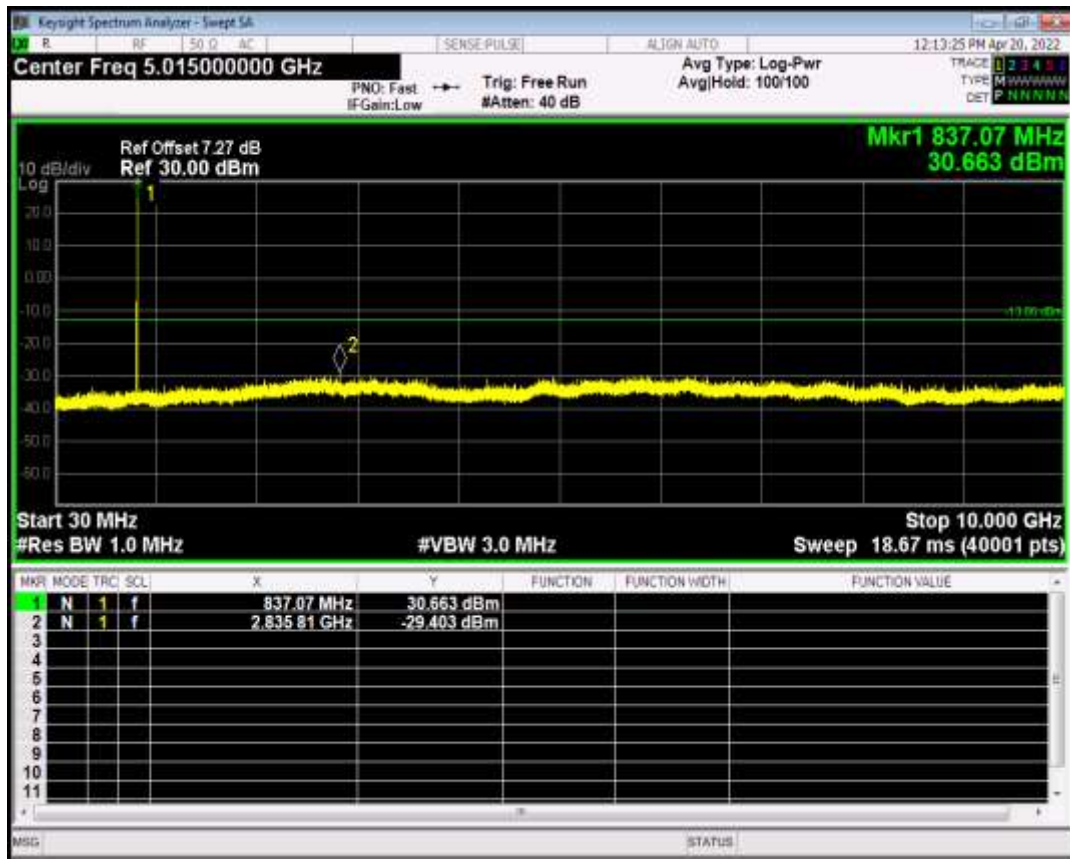
EGPRS1900 Channel=810



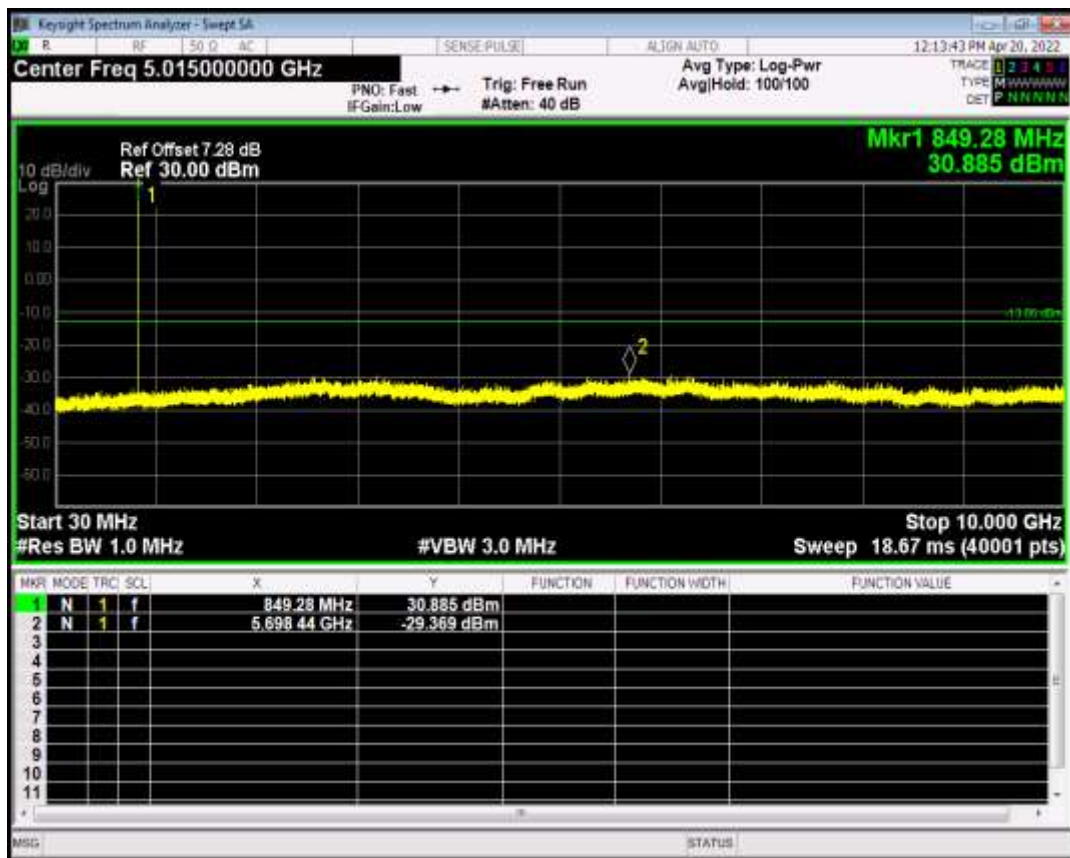
EGPRS850 Channel=128



EGPRS850 Channel=190



EGPRS850 Channel=251



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	30.11	-0.6	27.36	33.01	29.51	33.01	PASS
GPRS1900 1 Slot	661	1880	30.16	-0.6	27.41	33.01	29.56	33.01	PASS
GPRS1900 1 Slot	810	1909.8	30.00	-0.6	27.25	33.01	29.40	33.01	PASS
GPRS1900 2 Slot	512	1850.2	29.19	-0.6	26.44	33.01	28.59	33.01	PASS
GPRS1900 2 Slot	661	1880	29.28	-0.6	26.53	33.01	28.68	33.01	PASS
GPRS1900 2 Slot	810	1909.8	29.16	-0.6	26.41	33.01	28.56	33.01	PASS
GPRS1900 3 Slot	512	1850.2	27.29	-0.6	24.54	33.01	26.69	33.01	PASS
GPRS1900 3 Slot	661	1880	27.39	-0.6	24.64	33.01	26.79	33.01	PASS
GPRS1900 3 Slot	810	1909.8	27.24	-0.6	24.49	33.01	26.64	33.01	PASS
GPRS1900 4 Slot	512	1850.2	26.24	-0.6	23.49	33.01	25.64	33.01	PASS
GPRS1900 4 Slot	661	1880	26.34	-0.6	23.59	33.01	25.74	33.01	PASS
GPRS1900 4 Slot	810	1909.8	26.23	-0.6	23.48	33.01	25.63	33.01	PASS
GPRS850 1 Slot	128	824.2	33.25	-0.9	30.20	38.45	32.35	38.45	PASS
GPRS850 1 Slot	190	836.6	33.11	-0.9	30.06	38.45	32.21	38.45	PASS
GPRS850 1 Slot	251	848.8	33.11	-0.9	30.06	38.45	32.21	38.45	PASS
GPRS850 2 Slot	128	824.2	32.56	-0.9	29.51	38.45	31.66	38.45	PASS
GPRS850 2 Slot	190	836.6	32.41	-0.9	29.36	38.45	31.51	38.45	PASS
GPRS850 2 Slot	251	848.8	32.41	-0.9	29.36	38.45	31.51	38.45	PASS
GPRS850 3 Slot	128	824.2	30.93	-0.9	27.88	38.45	30.03	38.45	PASS
GPRS850 3 Slot	190	836.6	30.78	-0.9	27.73	38.45	29.88	38.45	PASS
GPRS850 3 Slot	251	848.8	30.76	-0.9	27.71	38.45	29.86	38.45	PASS

GPRS850 4 Slot	128	824.2	29.96	-0.9	26.91	38.45	29.06	38.45	PASS
GPRS850 4 Slot	190	836.6	29.82	-0.9	26.77	38.45	28.92	38.45	PASS
GPRS850 4 Slot	251	848.8	29.76	-0.9	26.71	38.45	28.86	38.45	PASS

09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.712803598	13.00	PASS
GPRS1900	661	1880	2.716956957	13.00	PASS
GPRS1900	810	1909.8	2.719215137	13.00	PASS
GPRS850	128	824.2	2.707992634	13.00	PASS
GPRS850	190	836.6	2.709202561	13.00	PASS
GPRS850	251	848.8	2.70326791	13.00	PASS

GPRS1900 Channel=512



GPRS1900 Channel=661



GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



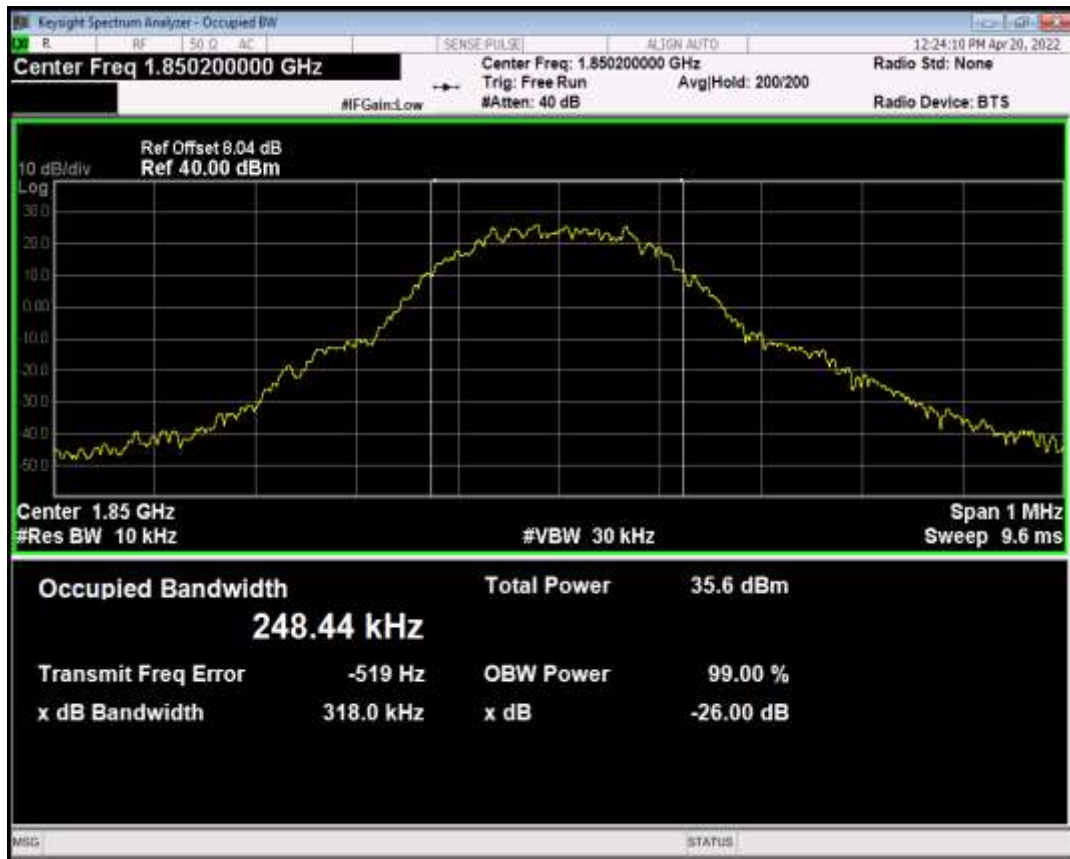
GPRS850 Channel=251



10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	248.436	317.951	PASS
GPRS1900	661	1880	240.448	295.103	PASS
GPRS1900	810	1909.8	243.824	317.933	PASS
GPRS850	128	824.2	247.762	311.008	PASS
GPRS850	190	836.6	245.717	317.608	PASS
GPRS850	251	848.8	242.939	314.903	PASS

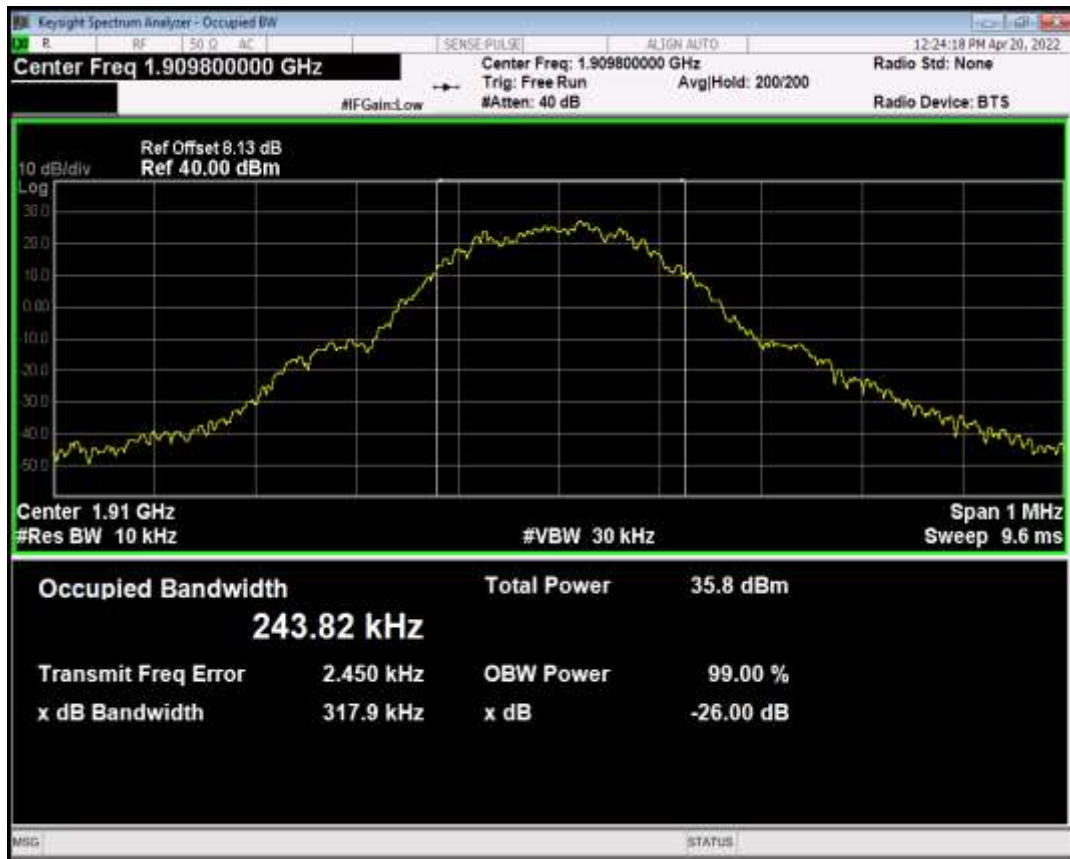
GPRS1900 Channel=512



GPRS1900 Channel=661



GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



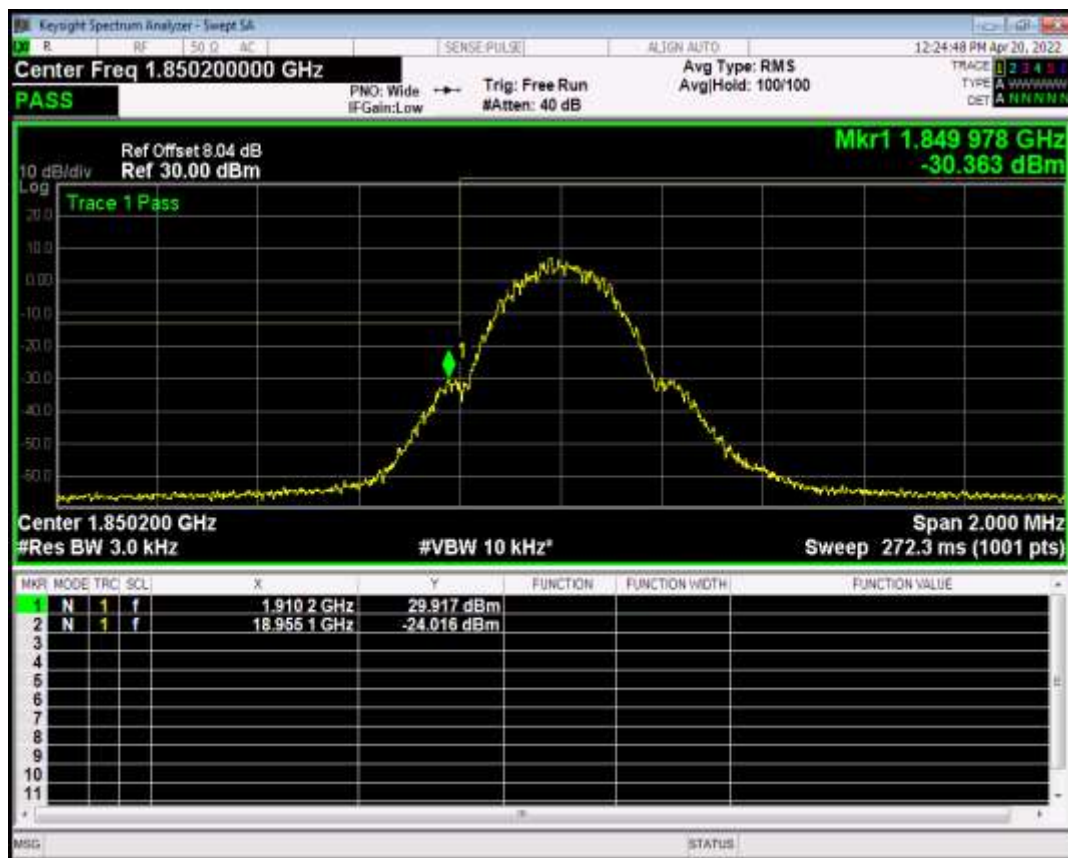
GPRS850 Channel=251



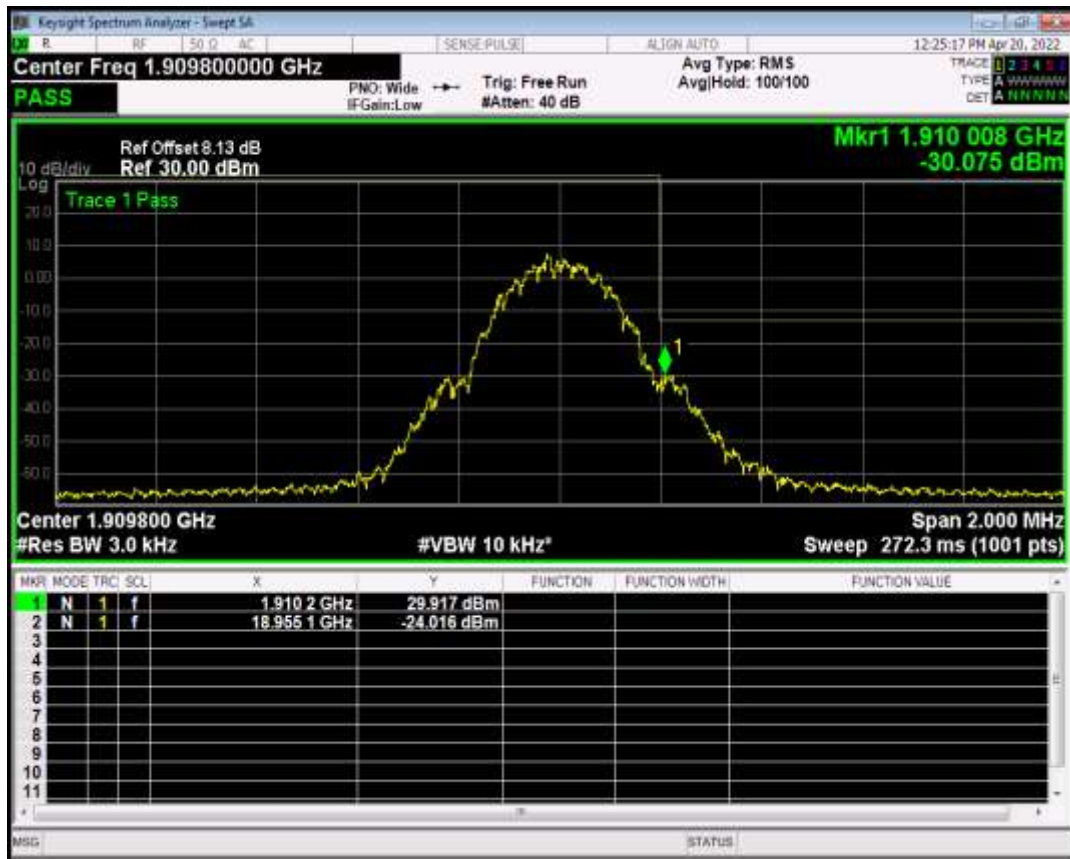
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-30.36	-13	PASS
GPRS1900	810	1909.8	1910.01	-30.07	-13	PASS
GPRS850	128	824.2	823.98	-26.43	-13	PASS
GPRS850	251	848.8	849.02	-27.09	-13	PASS

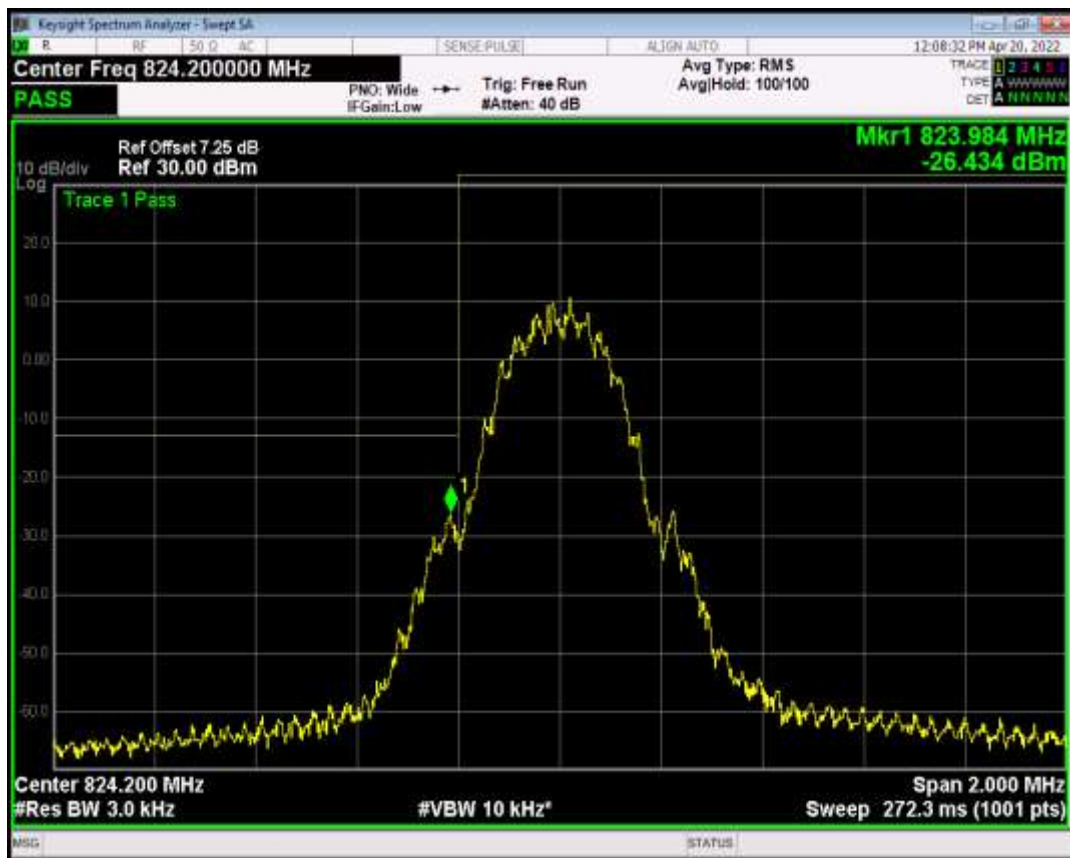
GPRS1900 Channel=512



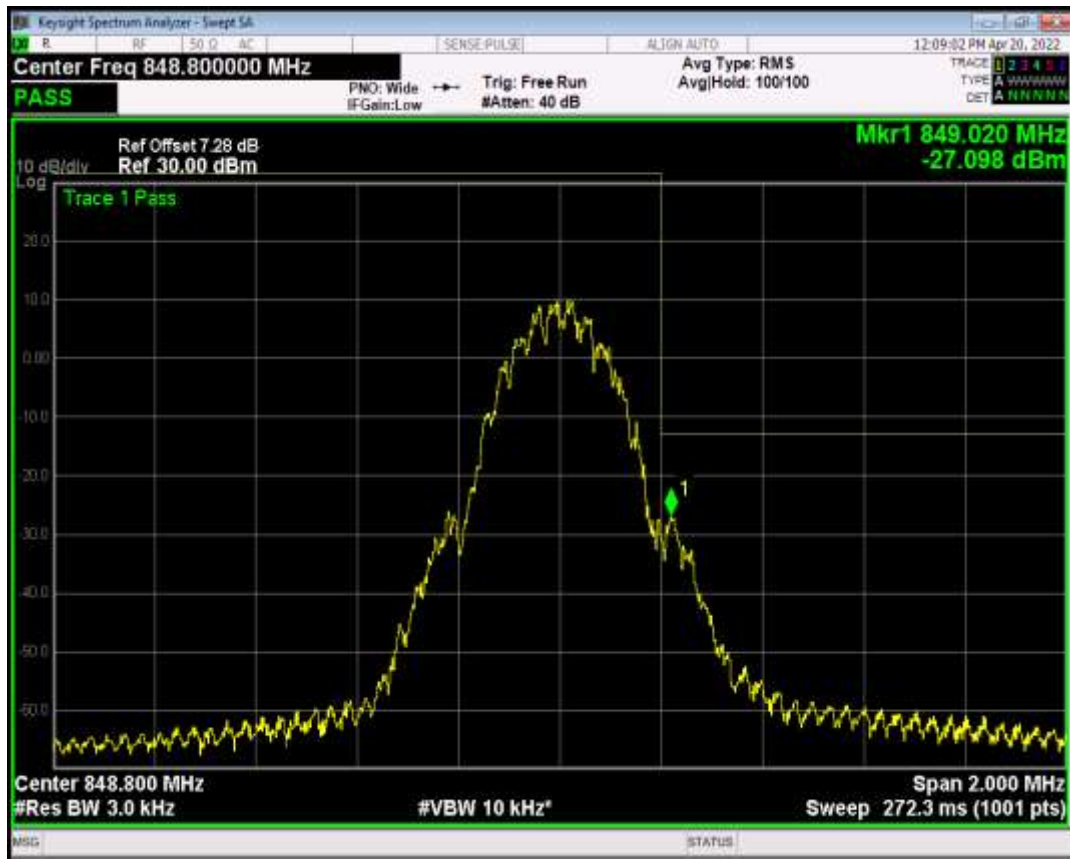
GPRS1900 Channel=810



GPRS850 Channel=128



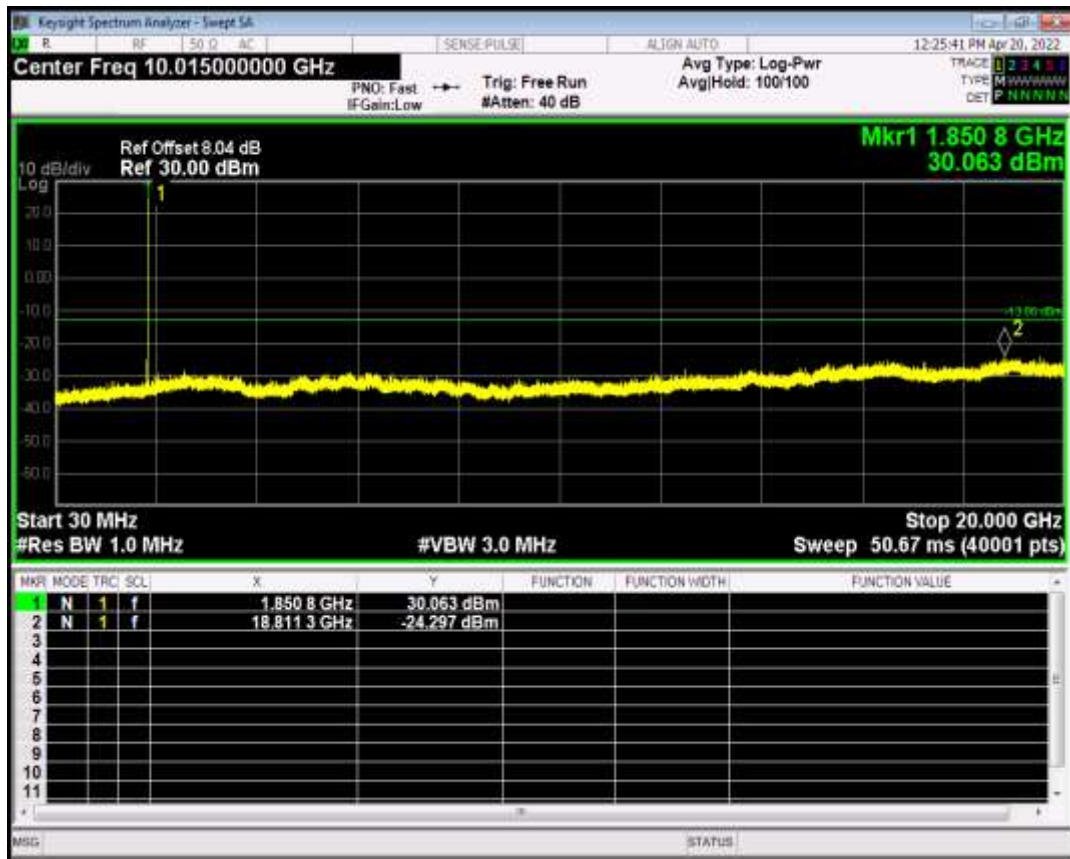
GPRS850 Channel=251



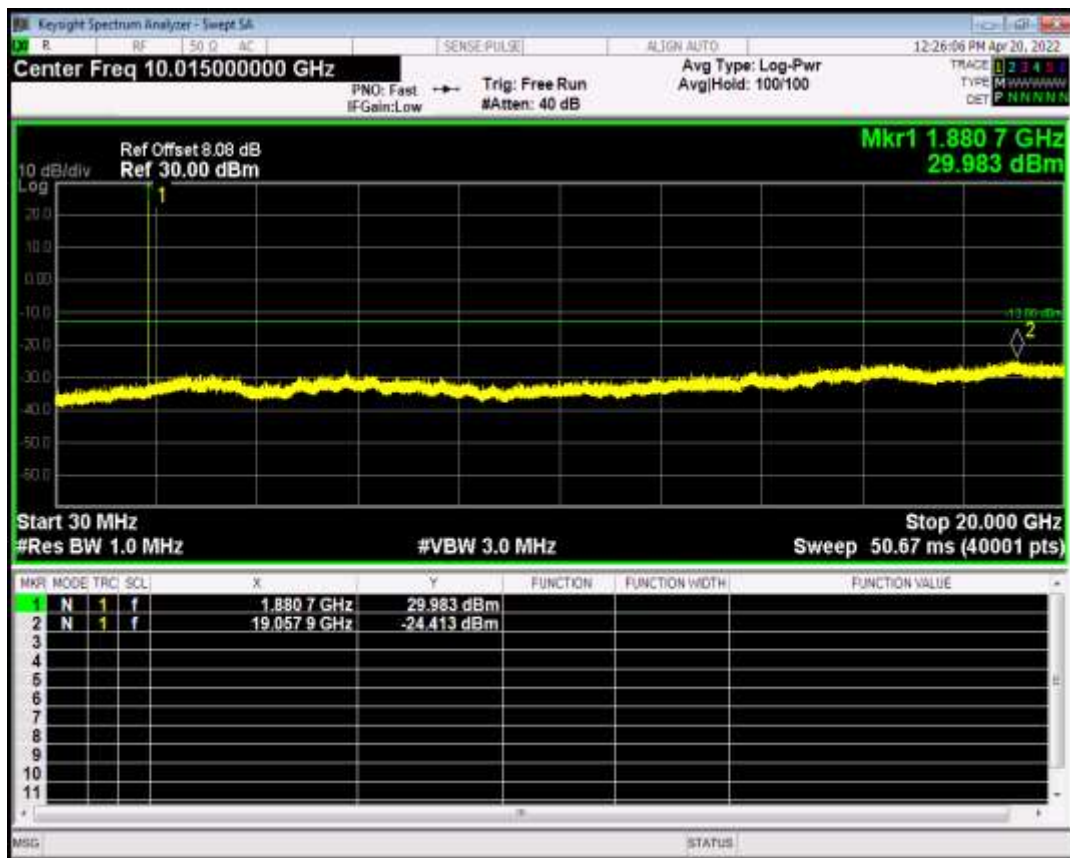
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	18811.29	-24.29	-13	PASS
GPRS1900	661	1880	19057.92	-24.41	-13	PASS
GPRS1900	810	1909.8	18958.07	-23.87	-13	PASS
GPRS850	128	824.2	818.88	-23.11	-13	PASS
GPRS850	190	836.6	855.77	-28.04	-13	PASS
GPRS850	251	848.8	862.50	-19.81	-13	PASS

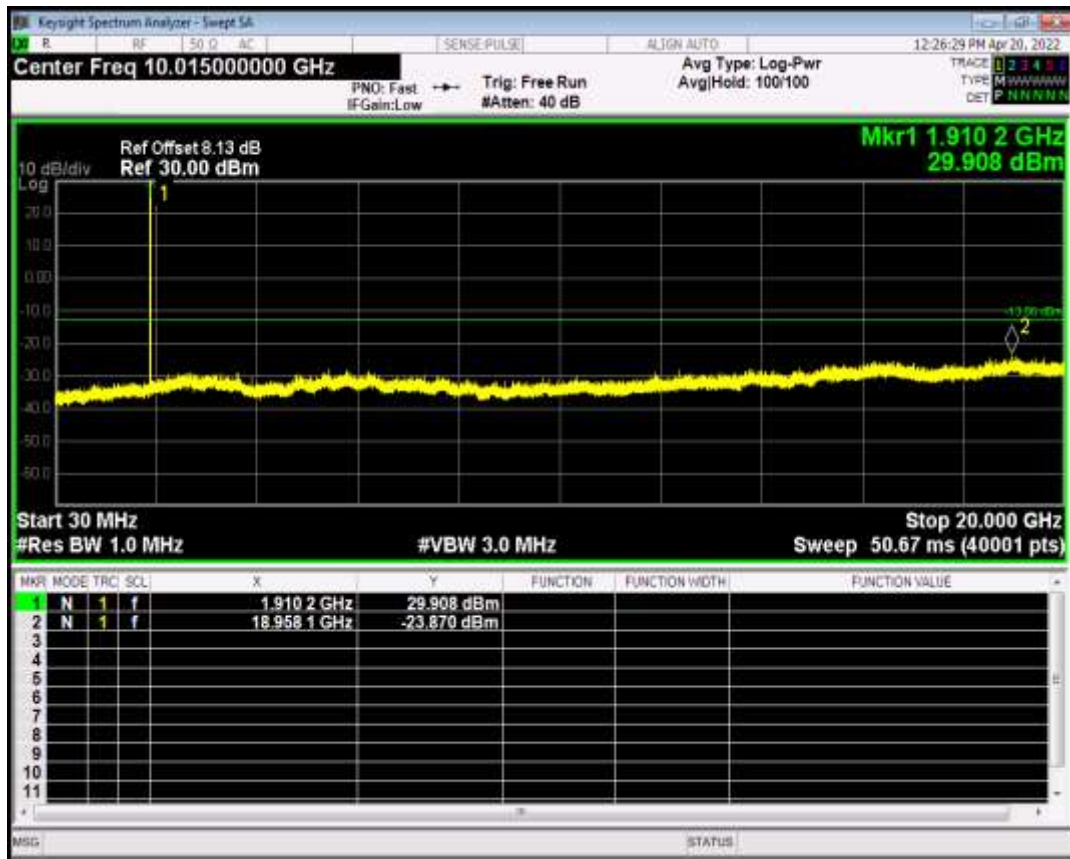
GPRS1900 Channel=512



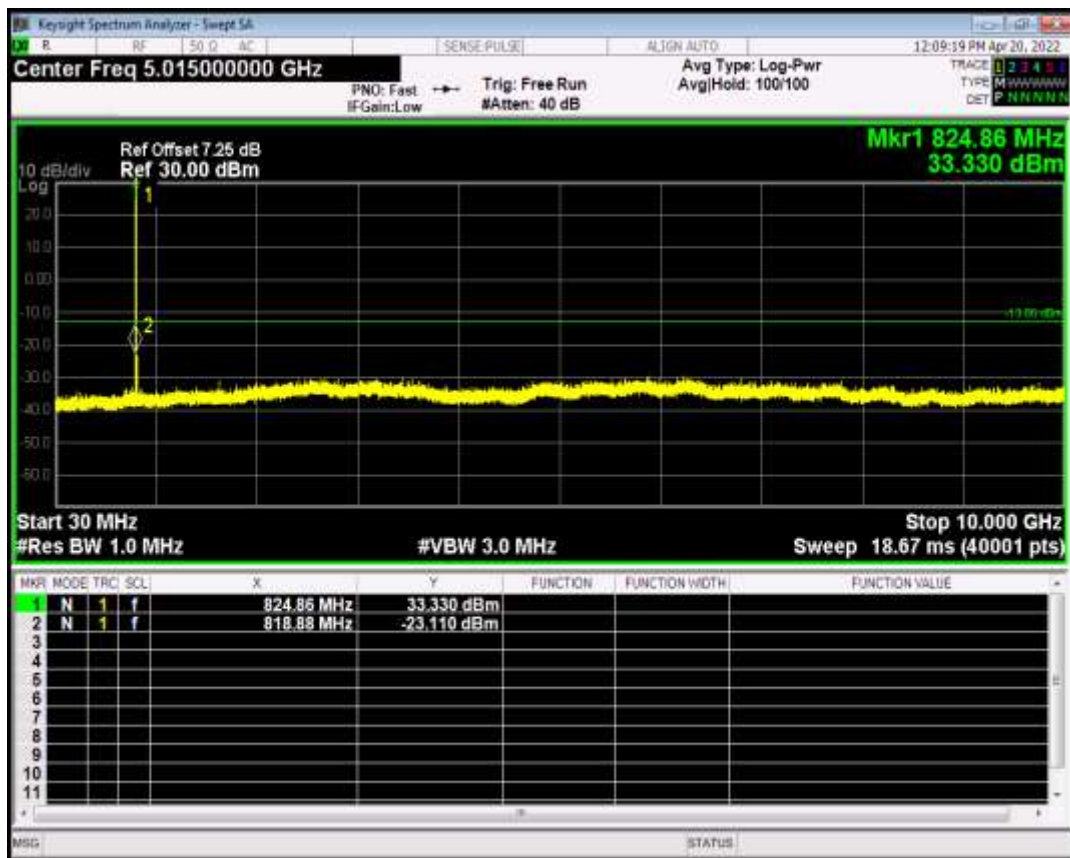
GPRS1900 Channel=661



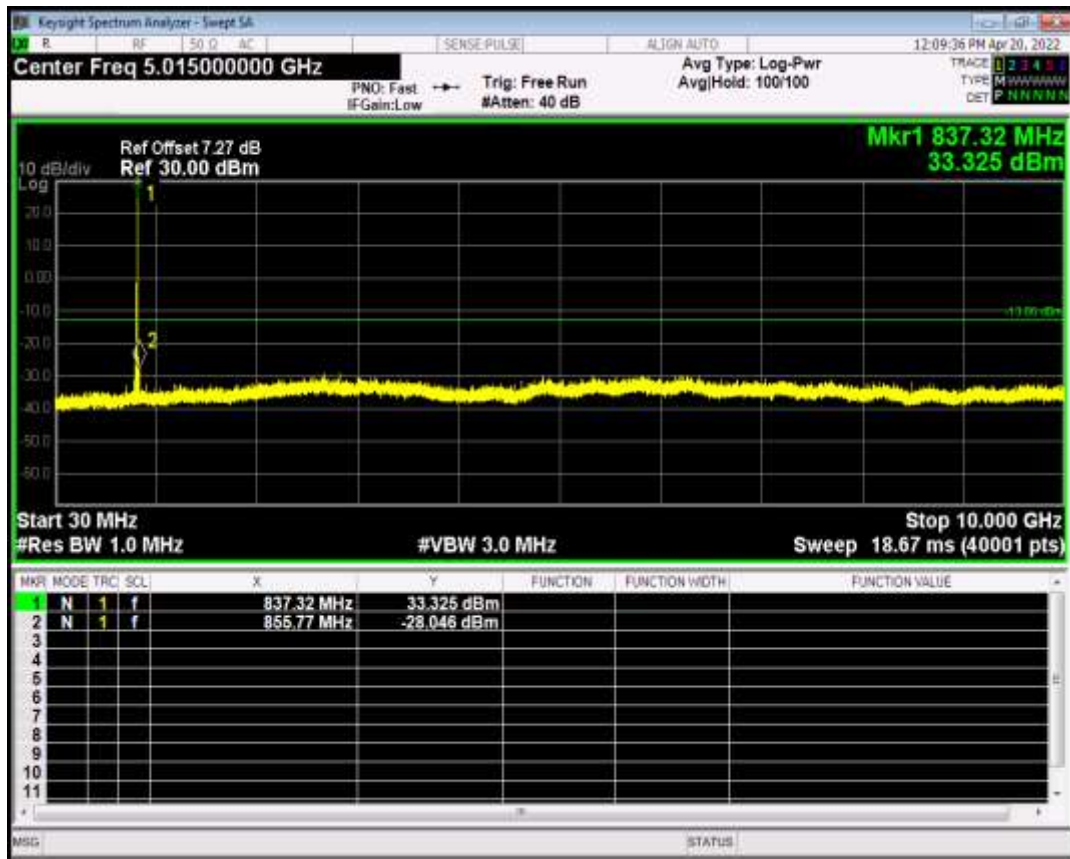
GPRS1900 Channel=810



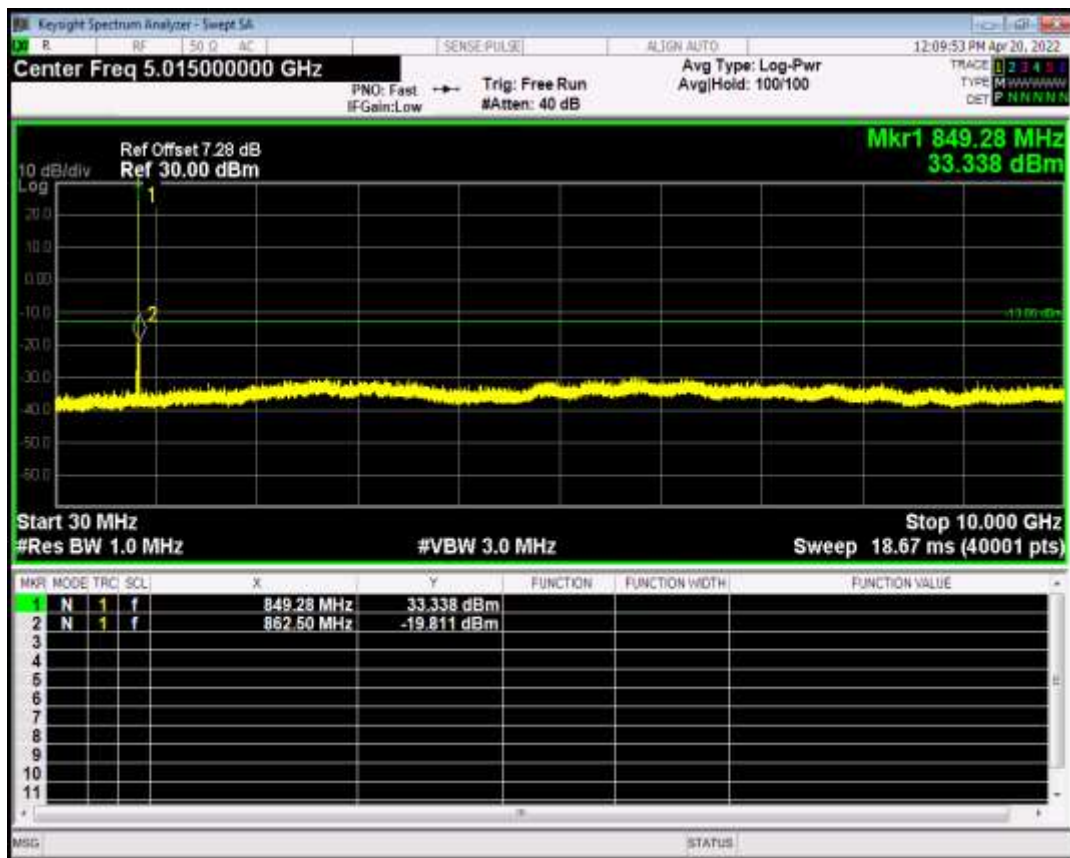
GPRS850 Channel=128



GPRS850 Channel=190



GPRS850 Channel=251



01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
GSM1900	512	1850.2	30.11	-0.6	27.36	33.01	29.51	33.01	PASS
GSM1900	661	1880	30.15	-0.6	27.40	33.01	29.55	33.01	PASS
GSM1900	810	1909.8	30.03	-0.6	27.28	33.01	29.43	33.01	PASS
GSM850	128	824.2	33.27	-0.9	30.22	38.45	32.37	38.45	PASS
GSM850	190	836.6	33.09	-0.9	30.04	38.45	32.19	38.45	PASS
GSM850	251	848.8	33.13	-0.9	30.08	38.45	32.23	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	2.69	13	PASS
GSM1900	810	1909.8	2.69	13	PASS
GSM850	128	824.2	2.67	13	PASS
GSM850	190	836.6	2.67	13	PASS
GSM850	251	848.8	2.67	13	PASS

GSM1900 Channel=512



GSM1900 Channel=661



GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



GSM850 Channel=251



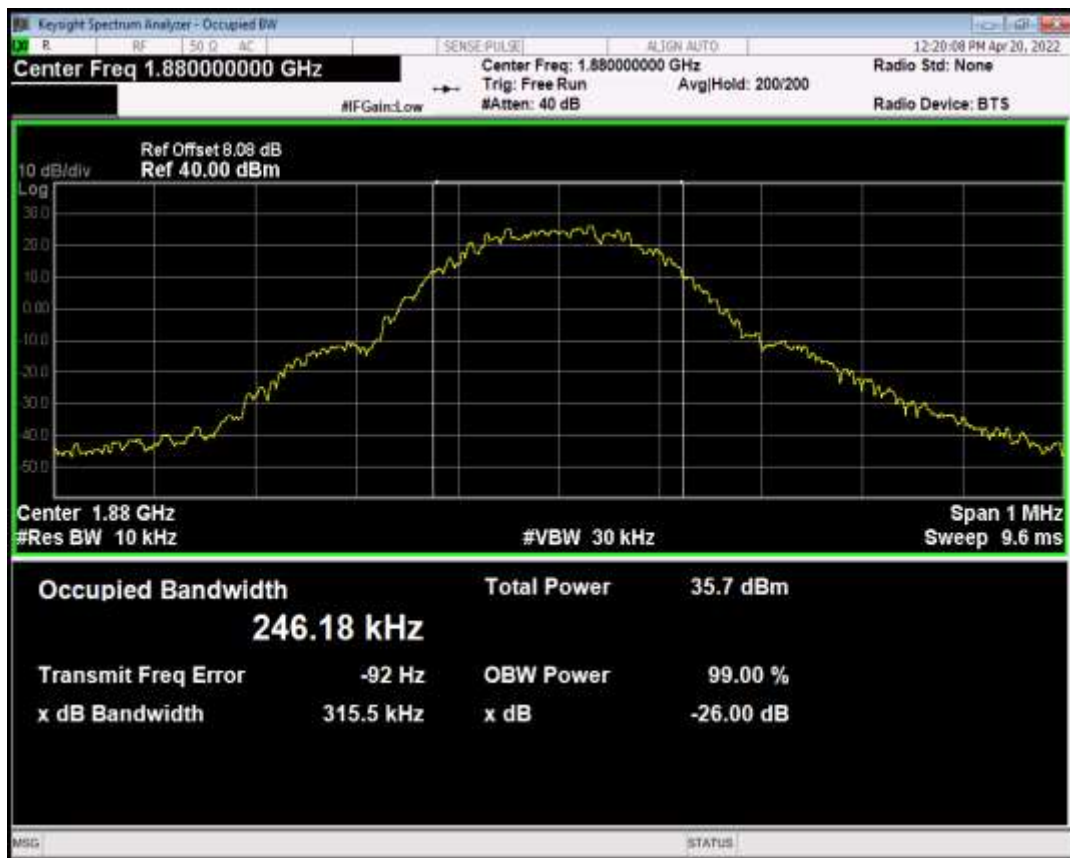
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	247.143	317.254	PASS
GSM1900	661	1880	246.177	315.497	PASS
GSM1900	810	1909.8	247.628	319.842	PASS
GSM850	128	824.2	244.909	321.769	PASS
GSM850	190	836.6	253.329	319.802	PASS
GSM850	251	848.8	244.952	313.199	PASS

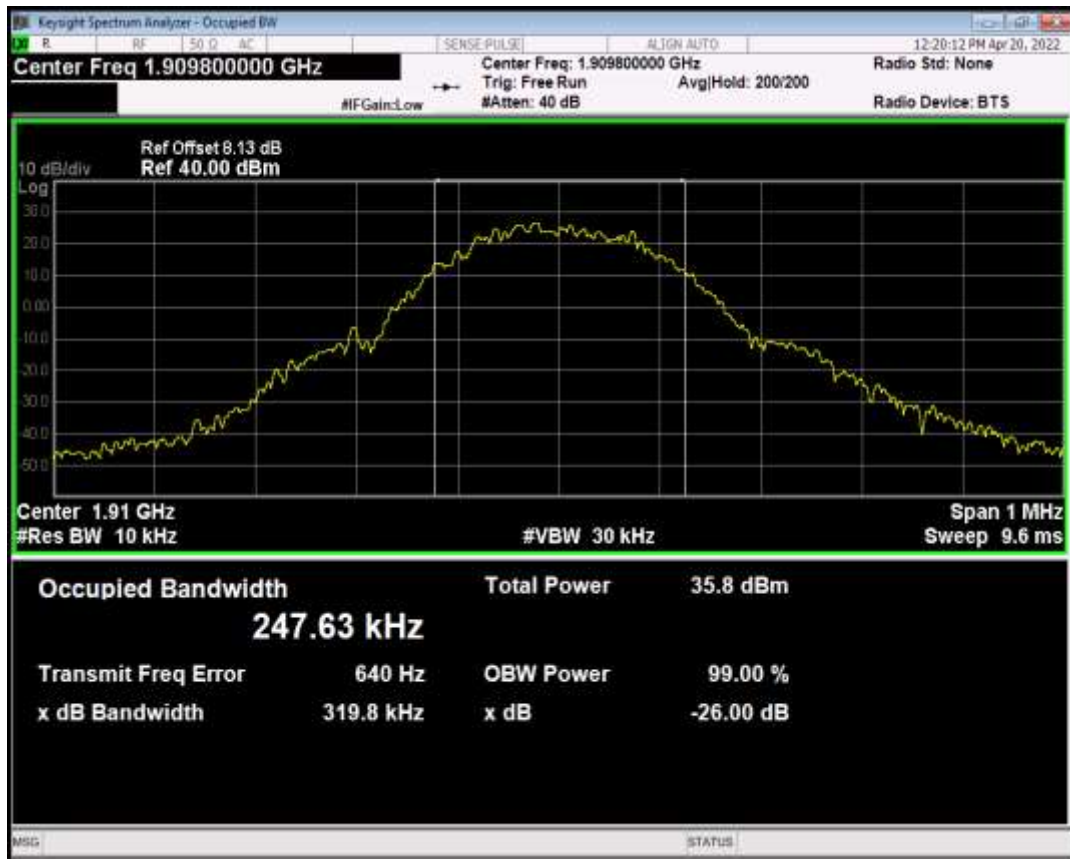
GSM1900 Channel=512



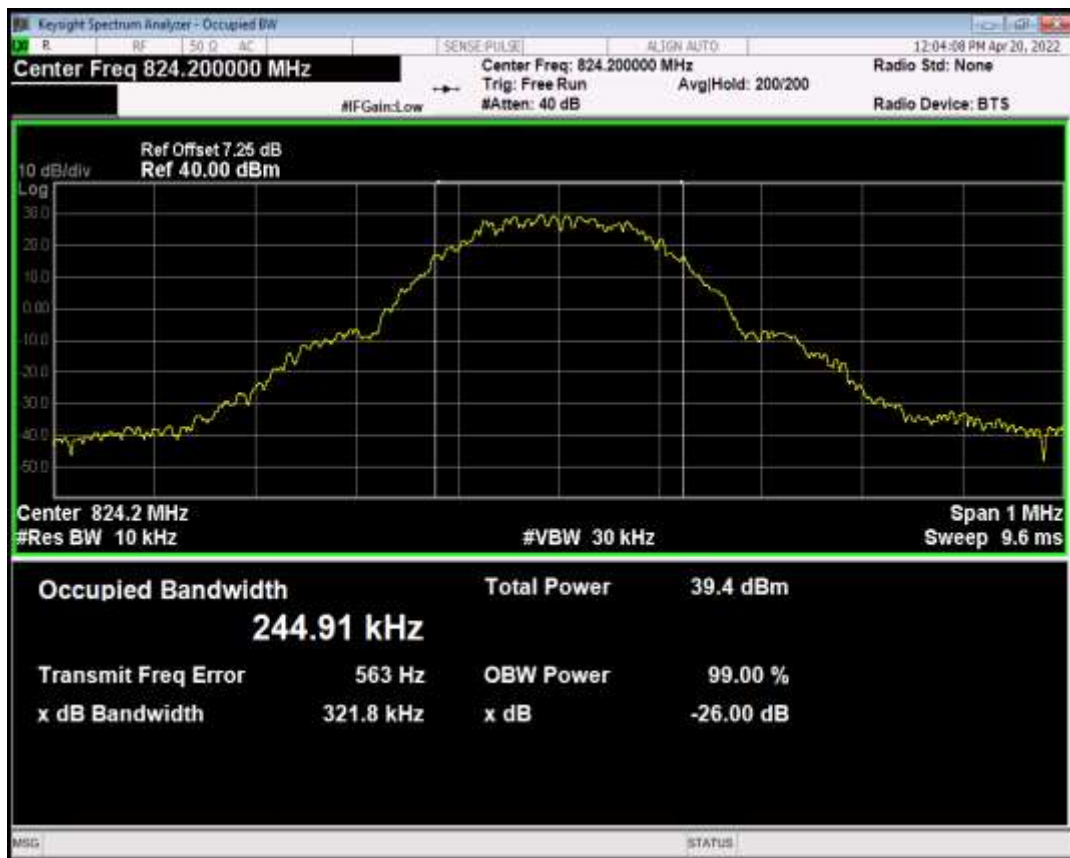
GSM1900 Channel=661



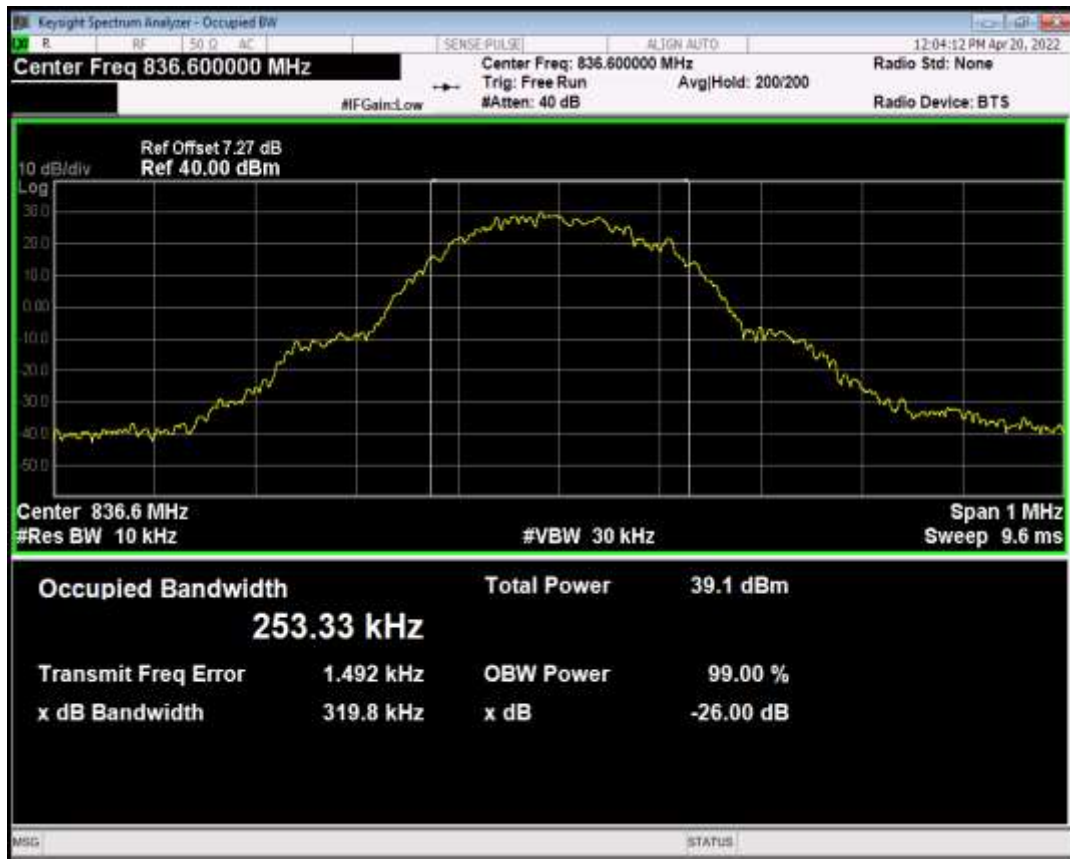
GSM1900 Channel=810



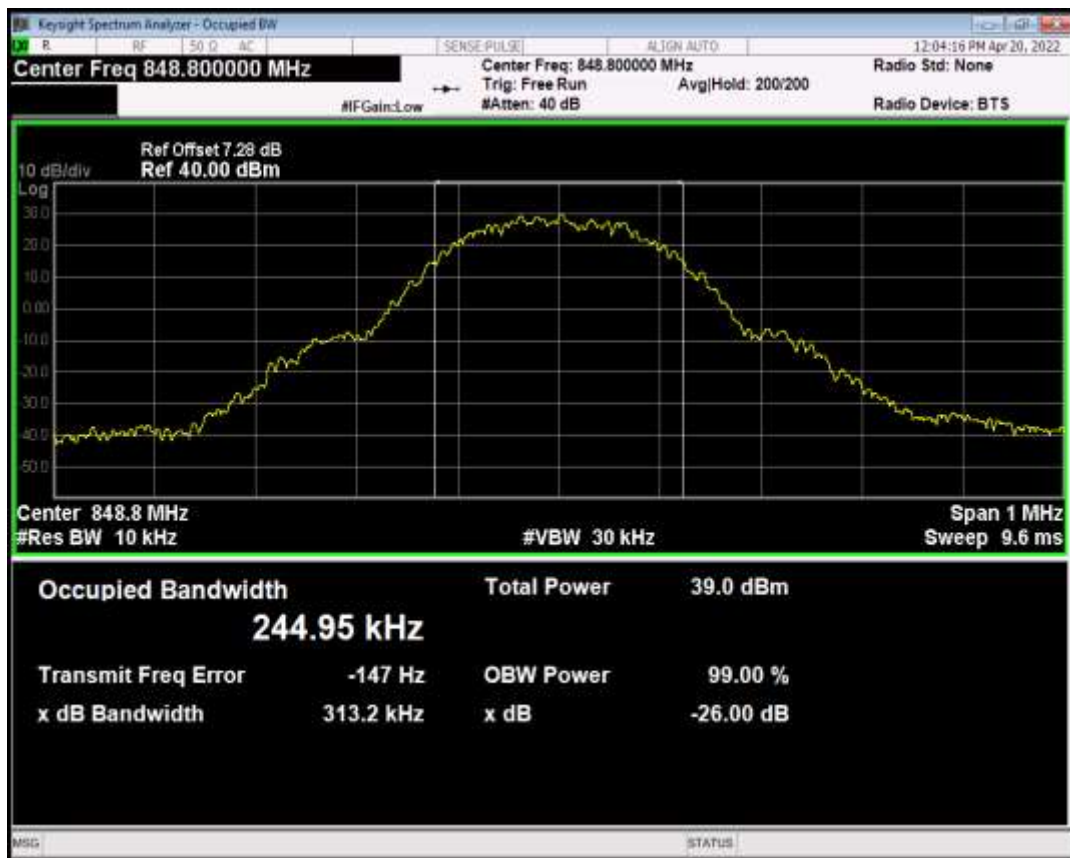
GSM850 Channel=128



GSM850 Channel=190



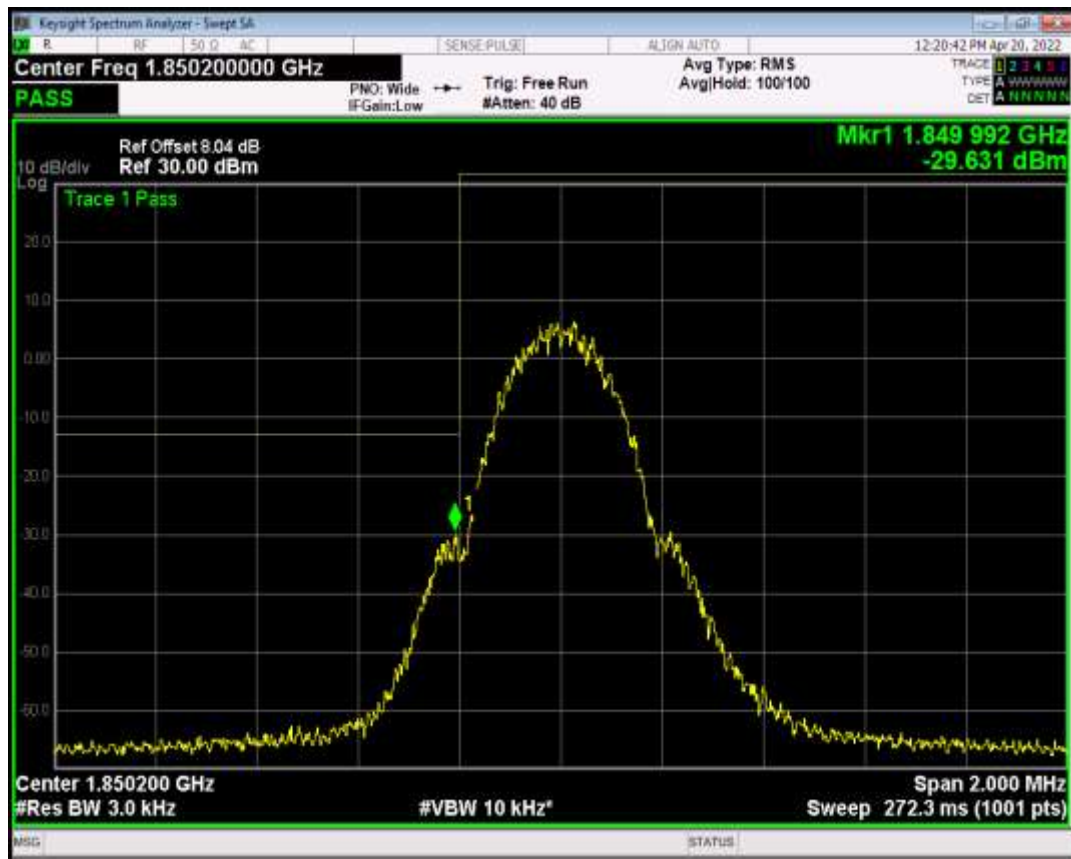
GSM850 Channel=251



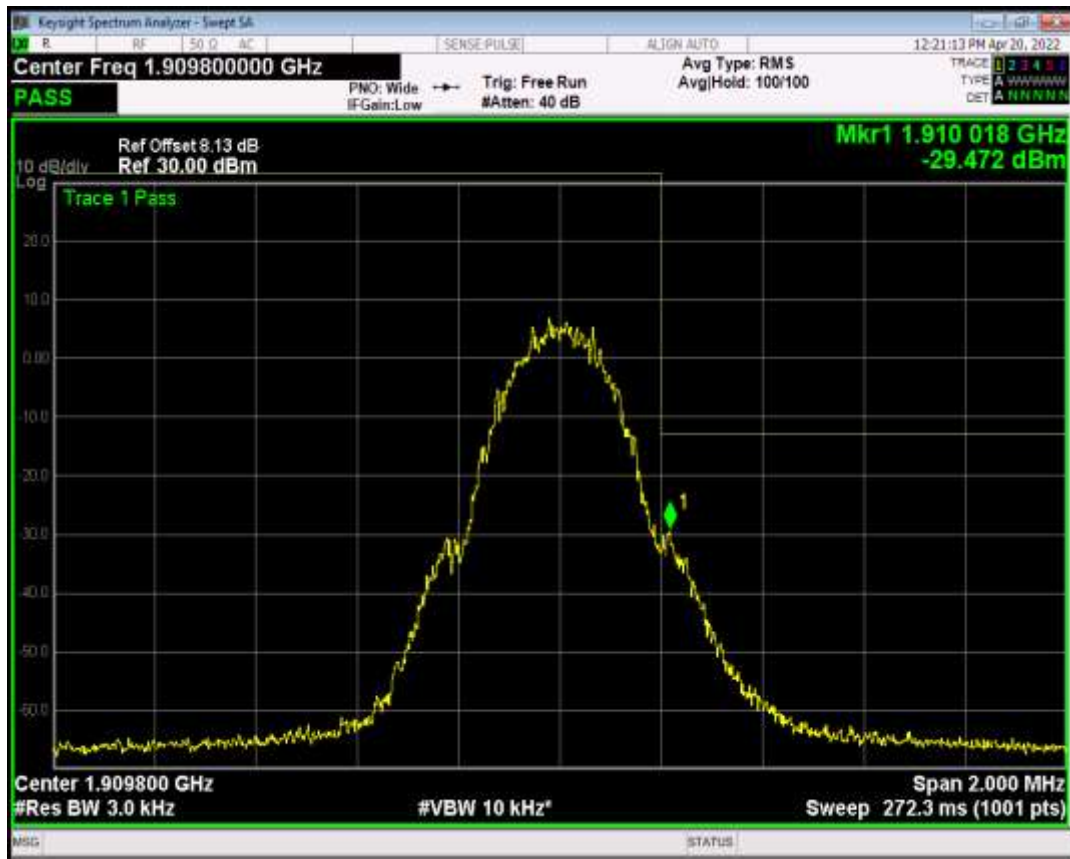
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.99	-29.63	-13	PASS
GSM1900	810	1909.8	1910.02	-29.47	-13	PASS
GSM850	128	824.2	823.98	-27.26	-13	PASS
GSM850	251	848.8	849.02	-26.46	-13	PASS

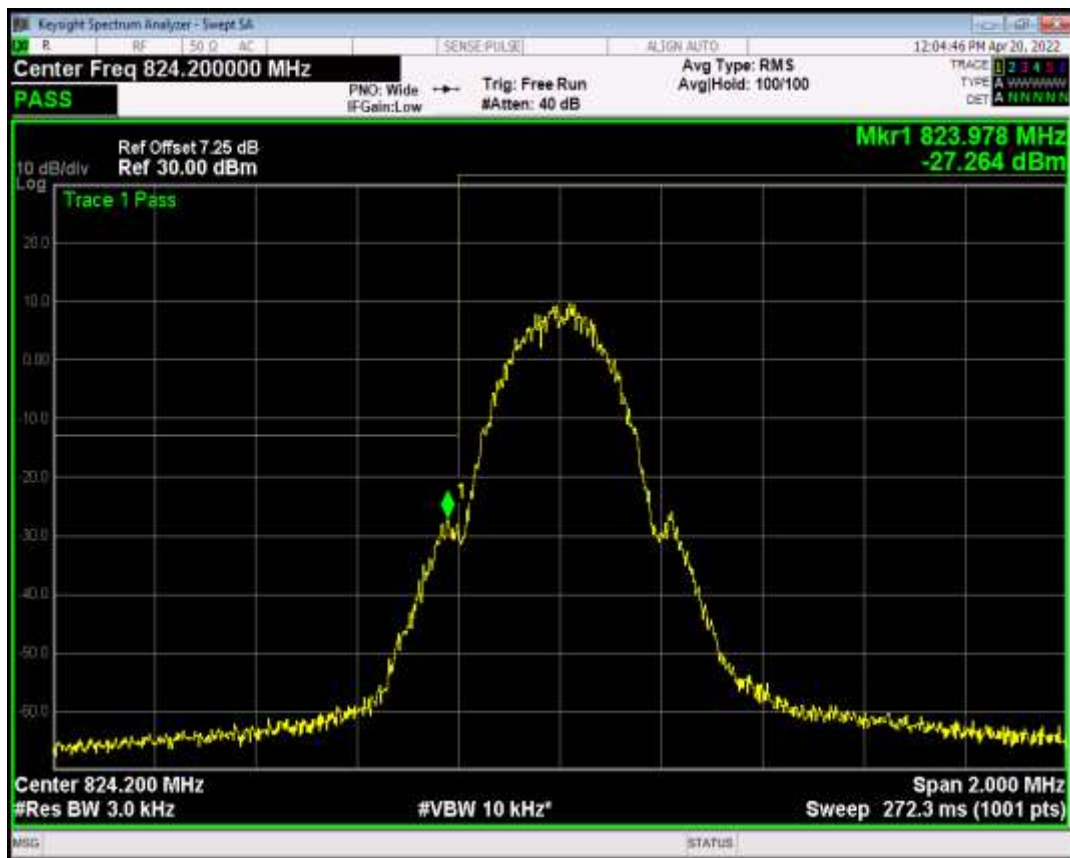
GSM1900 Channel=512



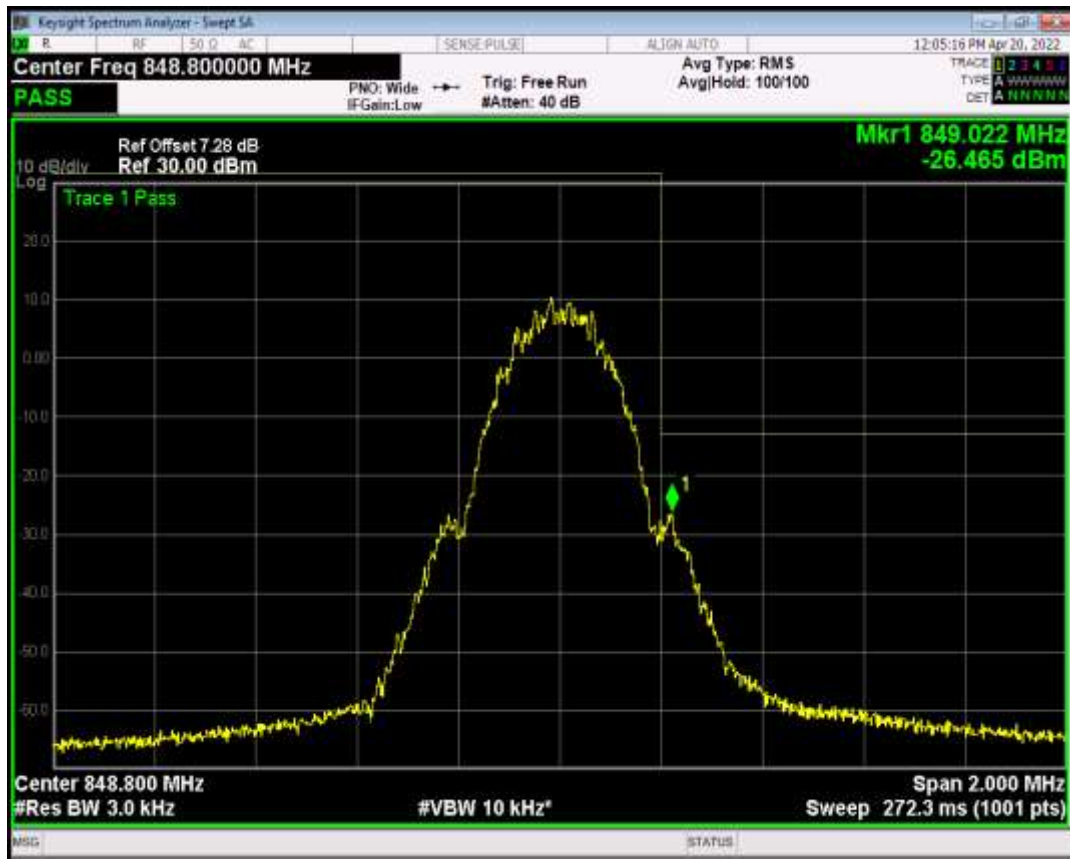
GSM1900 Channel=810



GSM850 Channel=128



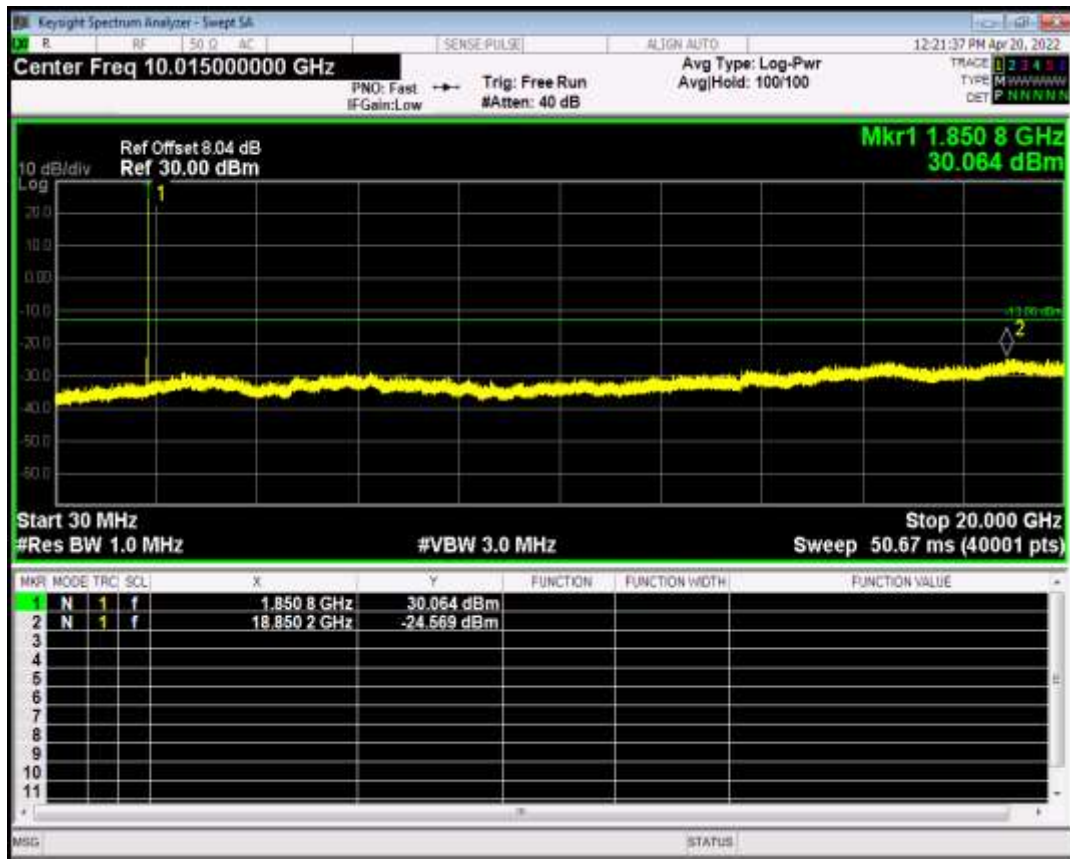
GSM850 Channel=251



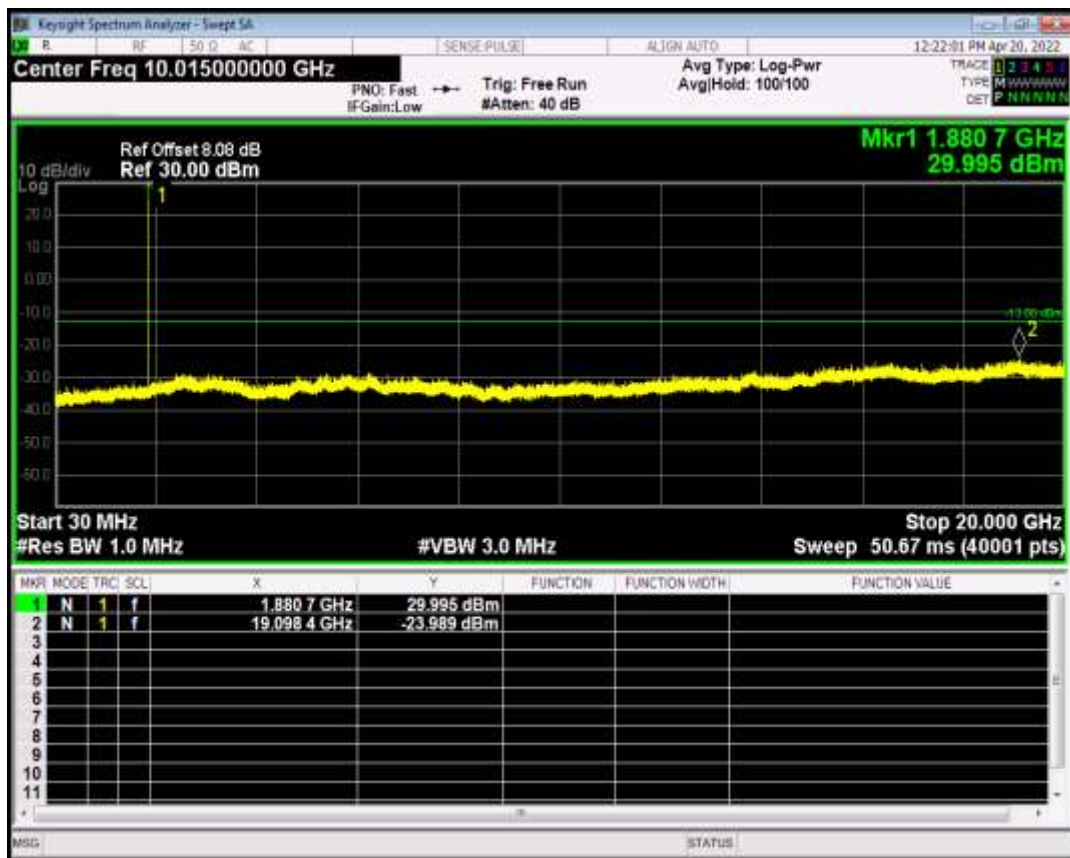
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	18850.23	-24.56	-13	PASS
GSM1900	661	1880	19098.35	-23.98	-13	PASS
GSM1900	810	1909.8	18955.07	-24.01	-13	PASS
GSM850	128	824.2	814.89	-17.54	-13	PASS
GSM850	190	836.6	815.39	-28.37	-13	PASS
GSM850	251	848.8	3164.32	-29.29	-13	PASS

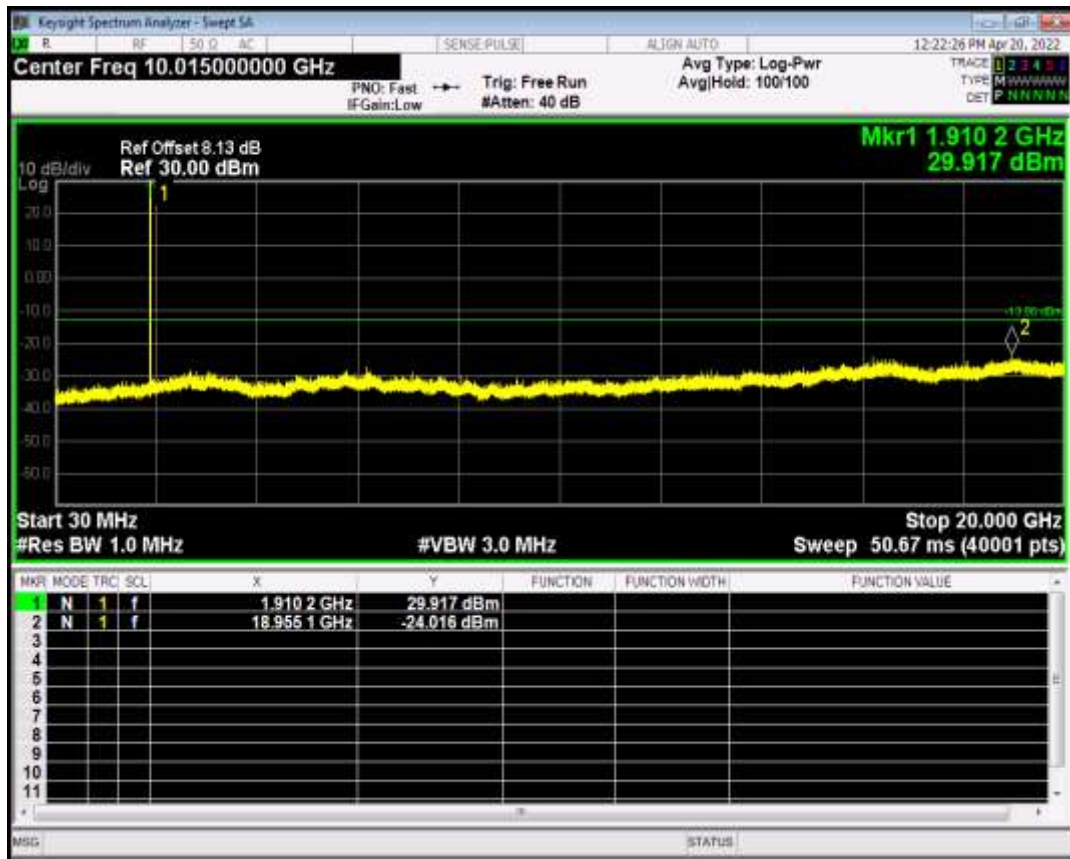
GSM1900 Channel=512



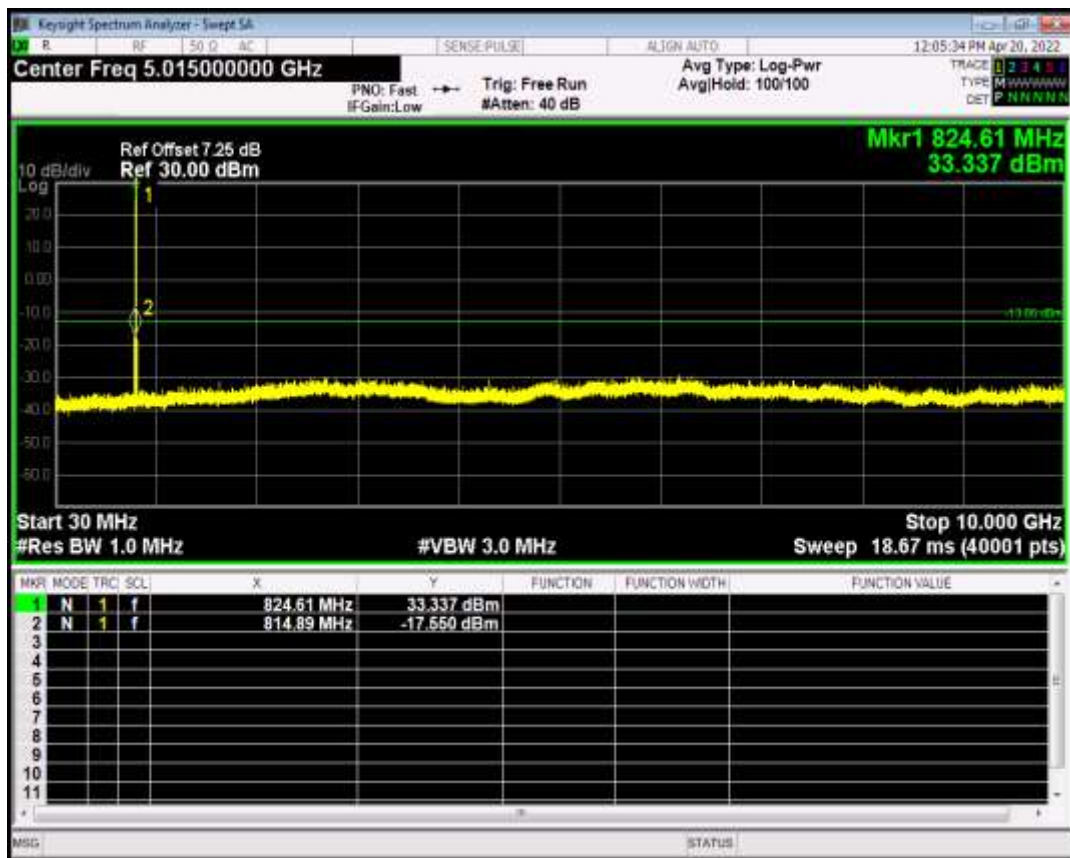
GSM1900 Channel=661



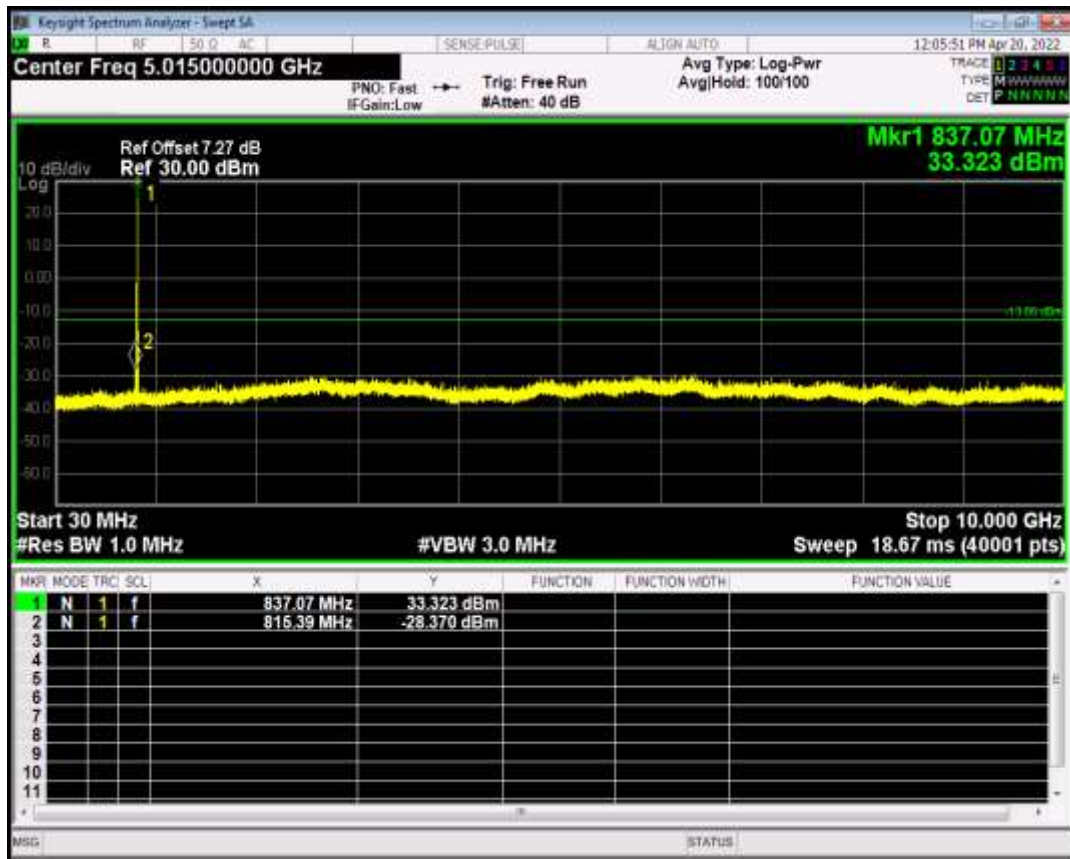
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



GSM850 Channel=251

