

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	30.27	1	29.12	33.01	31.27	33.01	PASS
GPRS1900 1 Slot	661	1880	30.20	1	29.05	33.01	31.20	33.01	PASS
GPRS1900 1 Slot	810	1909.8	30.27	1	29.12	33.01	31.27	33.01	PASS
GPRS1900 2 Slot	512	1850.2	27.59	1	26.44	33.01	28.59	33.01	PASS
GPRS1900 2 Slot	661	1880	27.57	1	26.42	33.01	28.57	33.01	PASS
GPRS1900 2 Slot	810	1909.8	27.75	1	26.60	33.01	28.75	33.01	PASS
GPRS1900 3 Slot	512	1850.2	26.31	1	25.16	33.01	27.31	33.01	PASS
GPRS1900 3 Slot	661	1880	26.32	1	25.17	33.01	27.32	33.01	PASS
GPRS1900 3 Slot	810	1909.8	26.52	1	25.37	33.01	27.52	33.01	PASS
GPRS1900 4 Slot	512	1850.2	24.22	1	23.07	33.01	25.22	33.01	PASS
GPRS1900 4 Slot	661	1880	24.23	1	23.08	33.01	25.23	33.01	PASS
GPRS1900 4 Slot	810	1909.8	24.51	1	23.36	33.01	25.51	33.01	PASS
GPRS850 1 Slot	128	824.2	32.91	1	31.76	38.45	33.91	38.45	PASS
GPRS850 1 Slot	190	836.6	32.87	1	31.72	38.45	33.87	38.45	PASS
GPRS850 1 Slot	251	848.8	33.09	1	31.94	38.45	34.09	38.45	PASS
GPRS850 2 Slot	128	824.2	30.46	1	29.31	38.45	31.46	38.45	PASS
GPRS850 2 Slot	190	836.6	30.29	1	29.14	38.45	31.29	38.45	PASS
GPRS850 2 Slot	251	848.8	30.55	1	29.40	38.45	31.55	38.45	PASS
GPRS850 3 Slot	128	824.2	29.25	1	28.10	38.45	30.25	38.45	PASS
GPRS850 3 Slot	190	836.6	29.11	1	27.96	38.45	30.11	38.45	PASS

GPRS850 3 Slot	251	848.8	29.29	1	28.14	38.45	30.29	38.45	PASS
GPRS850 4 Slot	128	824.2	27.18	1	26.03	38.45	28.18	38.45	PASS
GPRS850 4 Slot	190	836.6	27.03	1	25.88	38.45	28.03	38.45	PASS
GPRS850 4 Slot	251	848.8	27.26	1	26.11	38.45	28.26	38.45	PASS

09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.741625344	13.00	PASS
GPRS1900	661	1880	2.744457547	13.00	PASS
GPRS1900	810	1909.8	2.732203822	13.00	PASS
GPRS850	128	824.2	2.743619271	13.00	PASS
GPRS850	190	836.6	2.737404444	13.00	PASS
GPRS850	251	848.8	2.736942959	13.00	PASS

GPRS1900 Channel=512



GPRS1900 Channel=661



GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



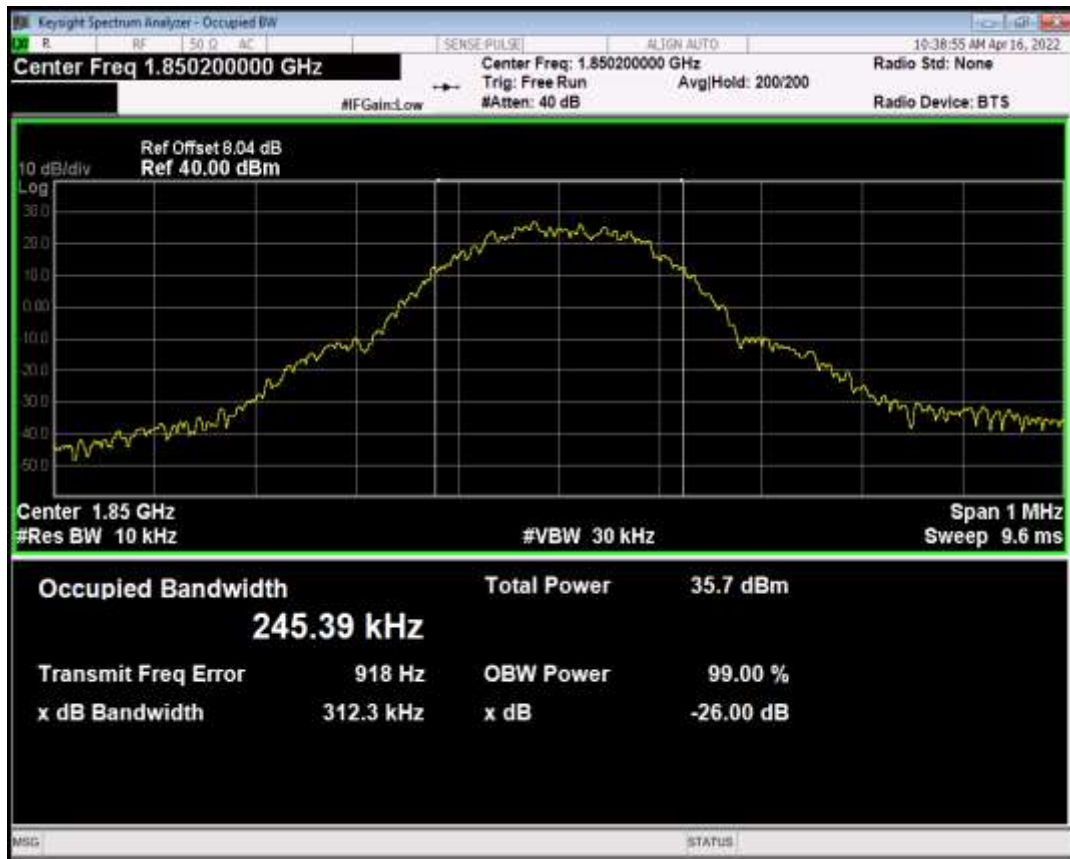
GPRS850 Channel=251



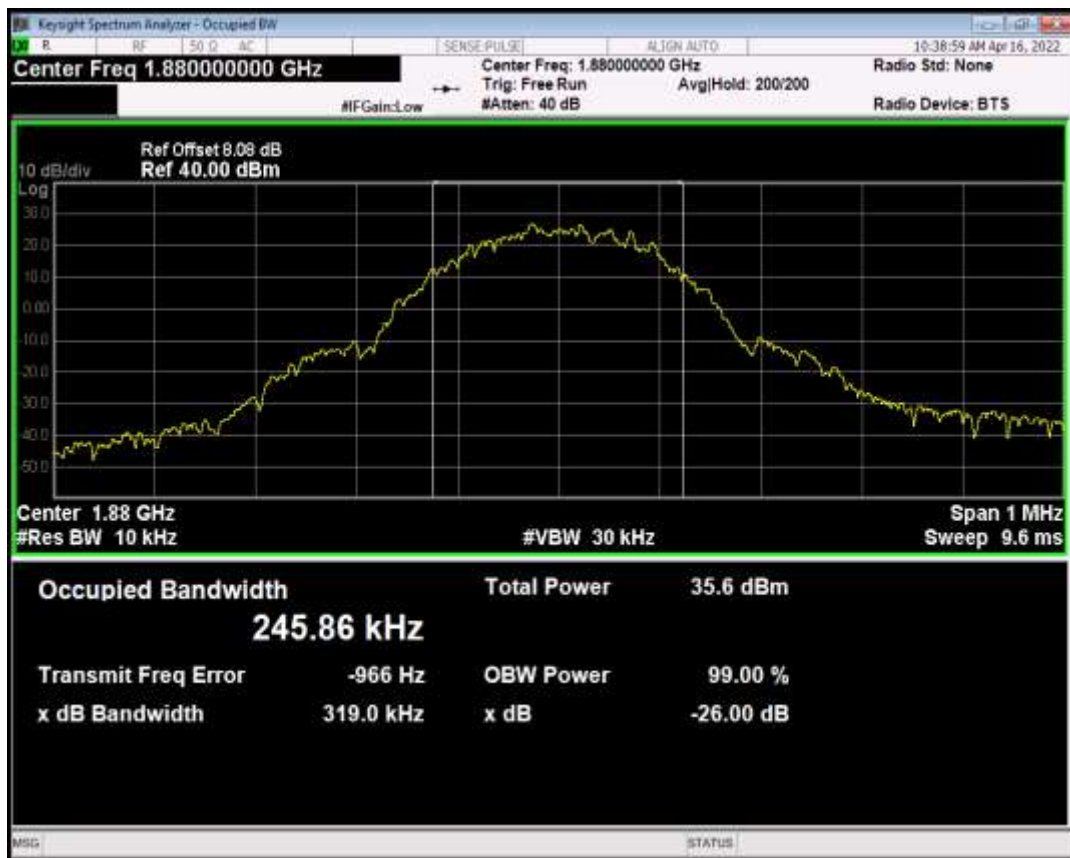
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	245.391	312.290	PASS
GPRS1900	661	1880	245.857	318.969	PASS
GPRS1900	810	1909.8	246.151	312.957	PASS
GPRS850	128	824.2	247.883	319.393	PASS
GPRS850	190	836.6	251.499	315.450	PASS
GPRS850	251	848.8	251.175	323.331	PASS

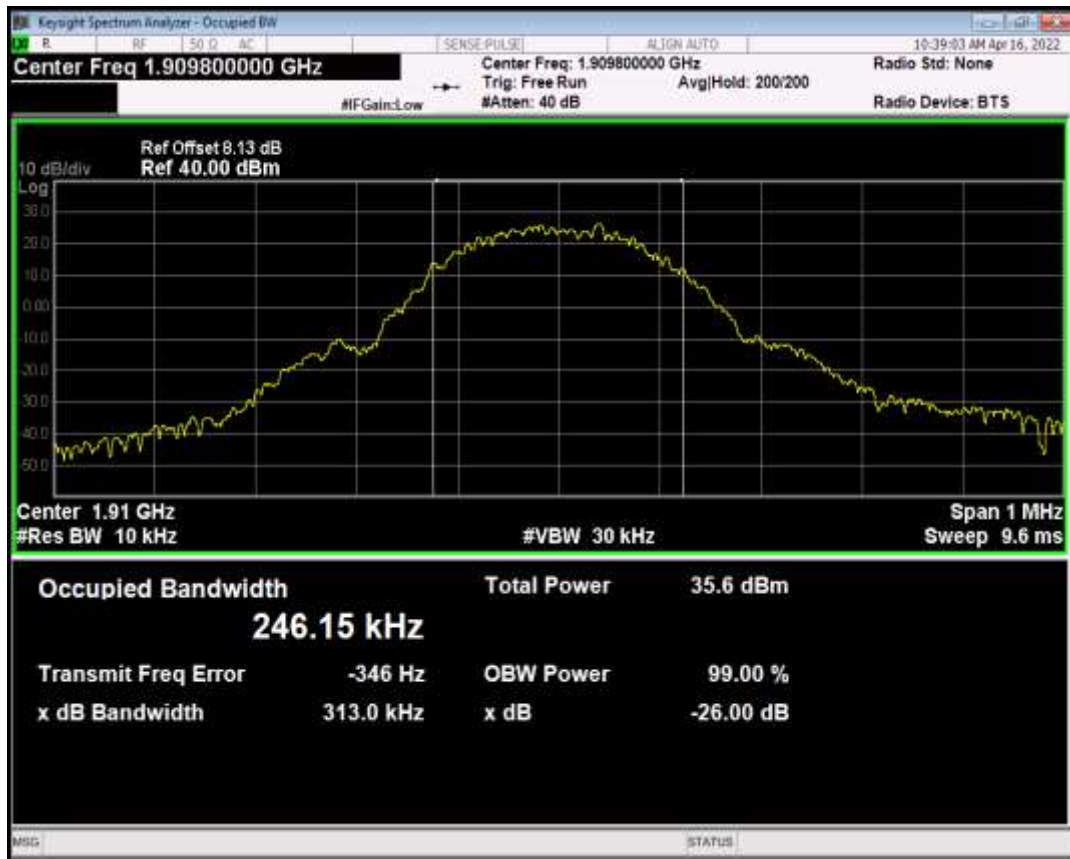
GPRS1900 Channel=512



GPRS1900 Channel=661



GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



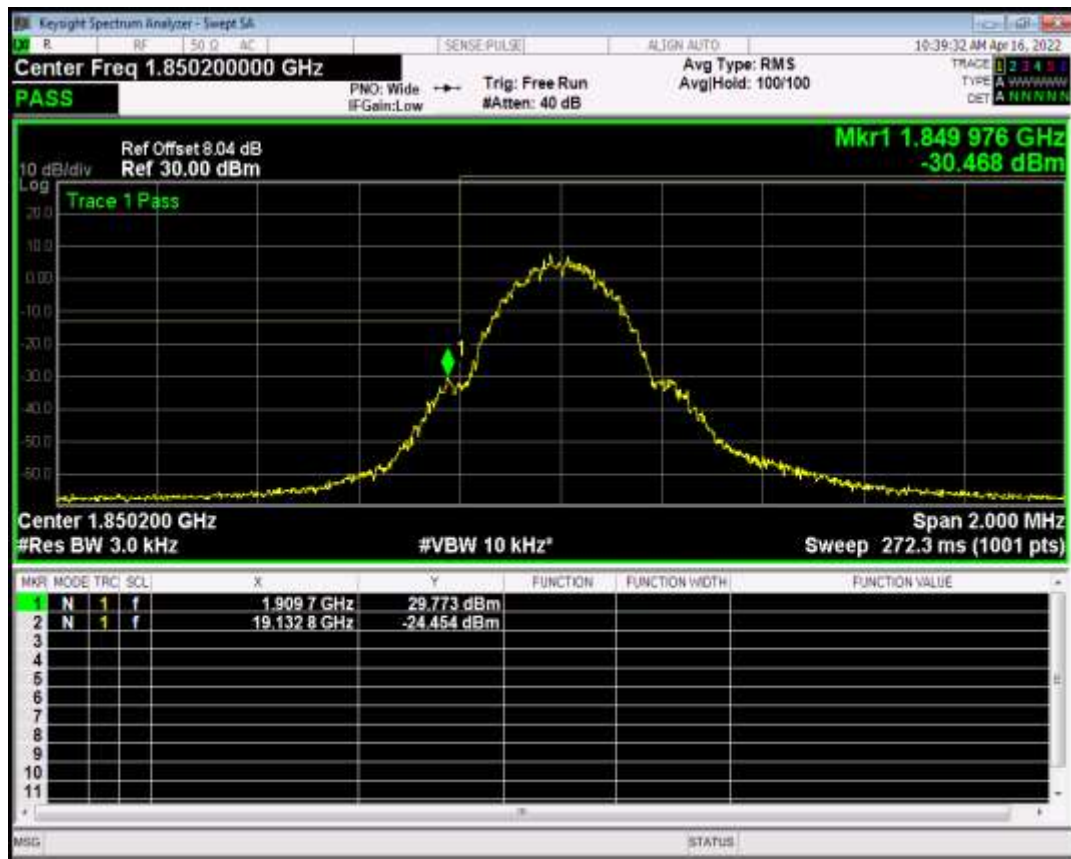
GPRS850 Channel=251



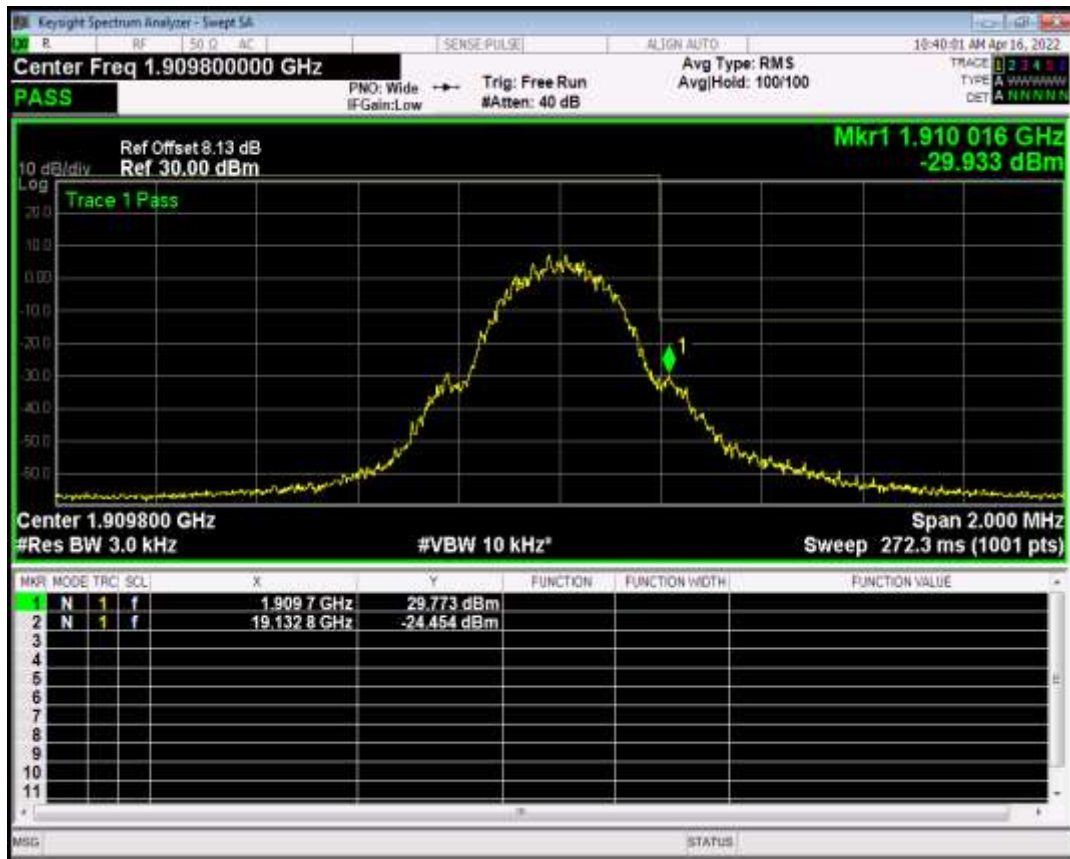
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-30.46	-13	PASS
GPRS1900	810	1909.8	1910.02	-29.93	-13	PASS
GPRS850	128	824.2	823.98	-26.22	-13	PASS
GPRS850	251	848.8	849.00	-27.54	-13	PASS

GPRS1900 Channel=512



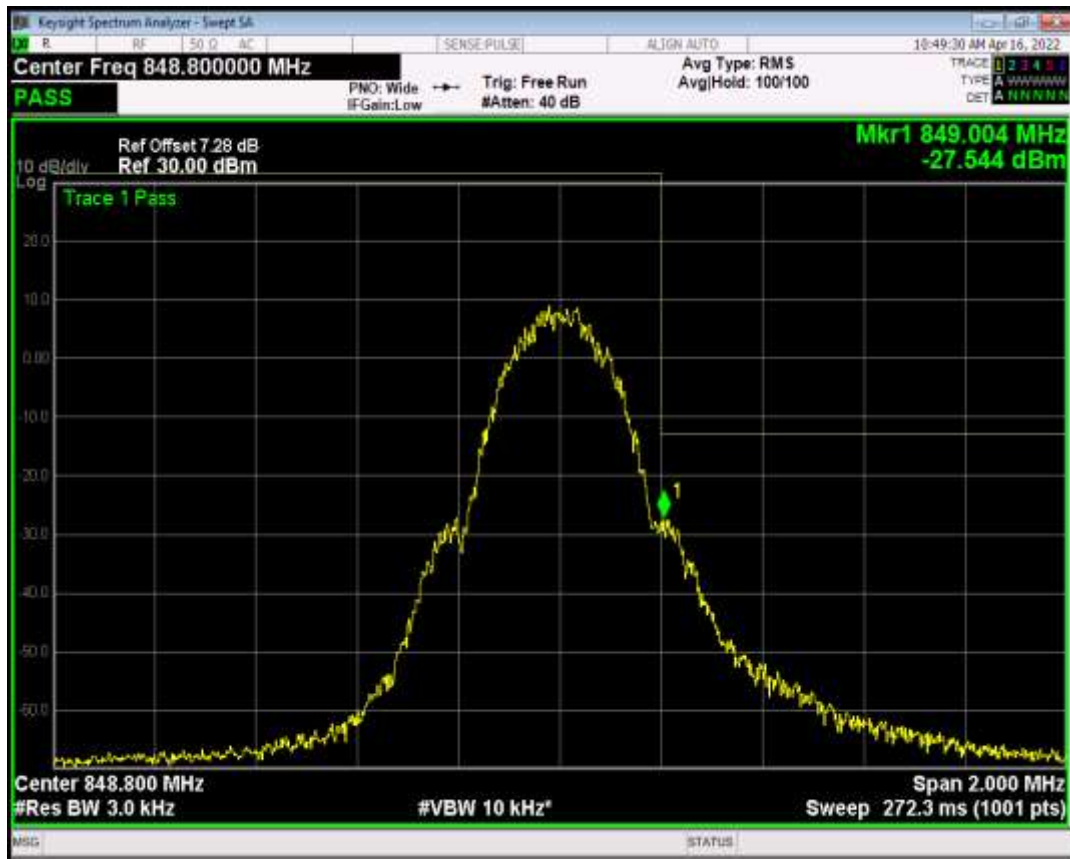
GPRS1900 Channel=810



GPRS850 Channel=128



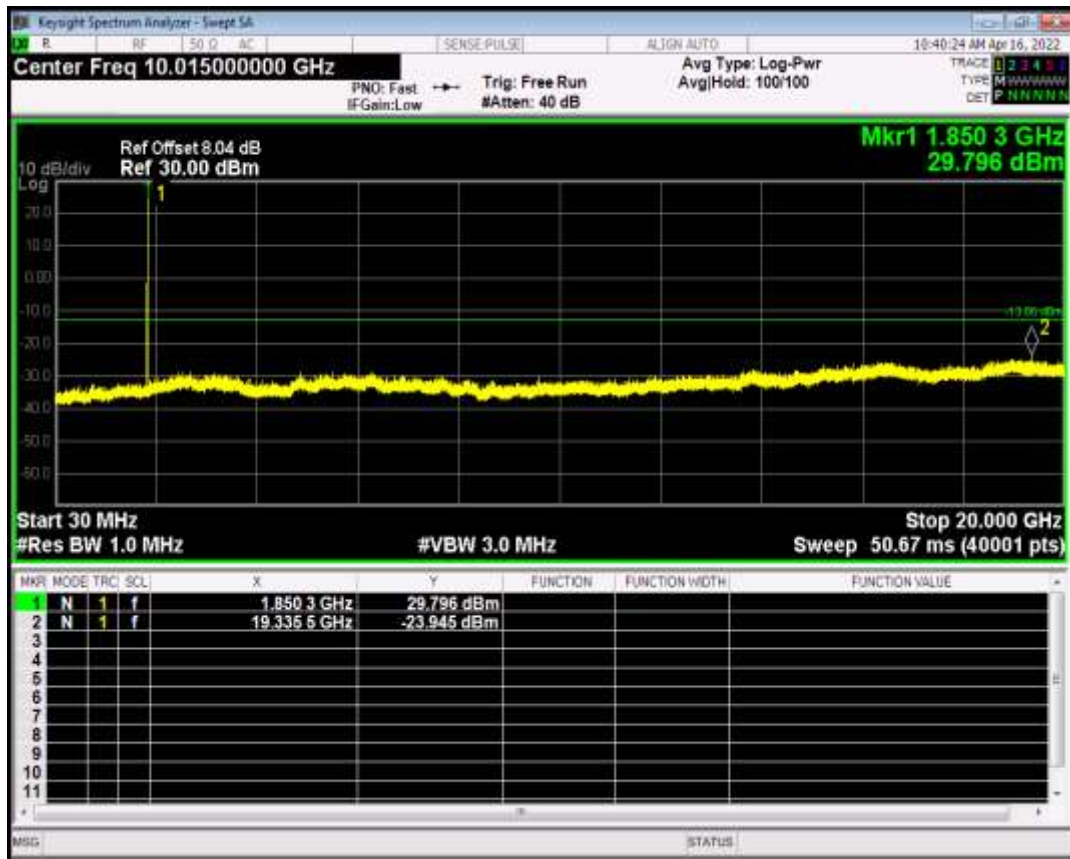
GPRS850 Channel=251



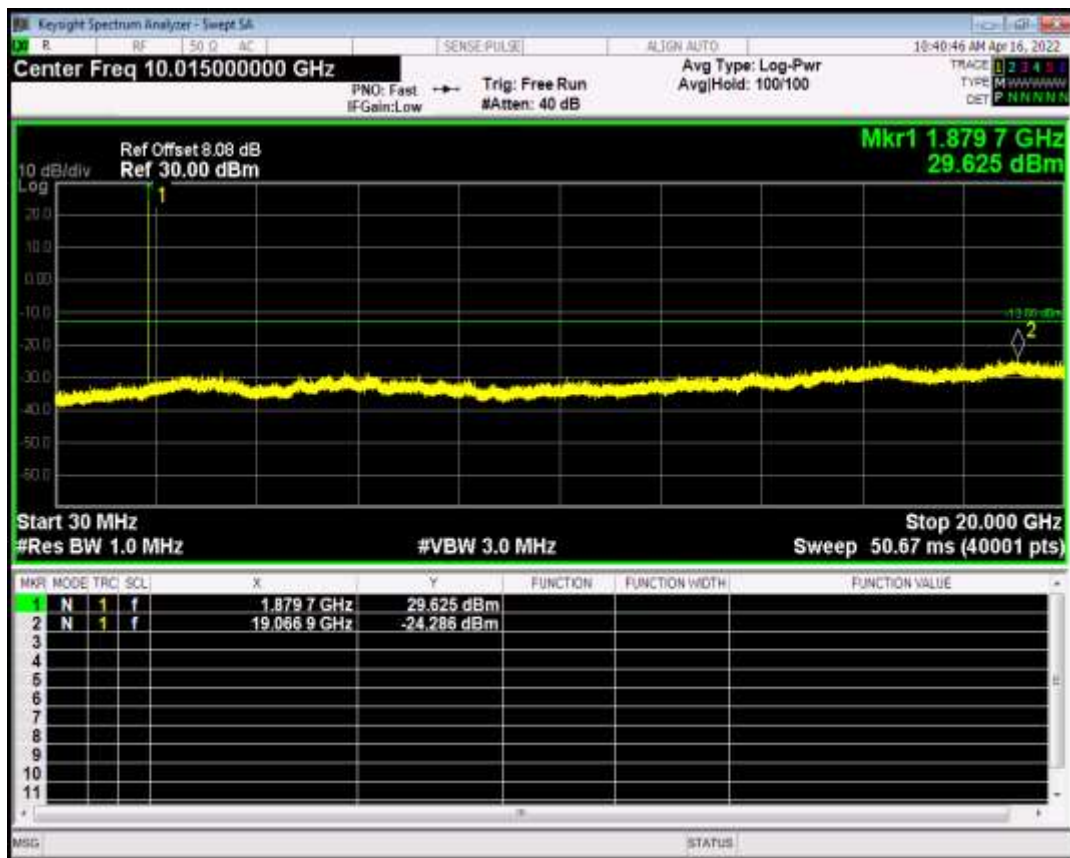
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	19335.50	-23.94	-13	PASS
GPRS1900	661	1880	19066.90	-24.28	-13	PASS
GPRS1900	810	1909.8	19020.47	-23.72	-13	PASS
GPRS850	128	824.2	5709.41	-29.50	-13	PASS
GPRS850	190	836.6	5417.54	-29.06	-13	PASS
GPRS850	251	848.8	7106.46	-29.08	-13	PASS

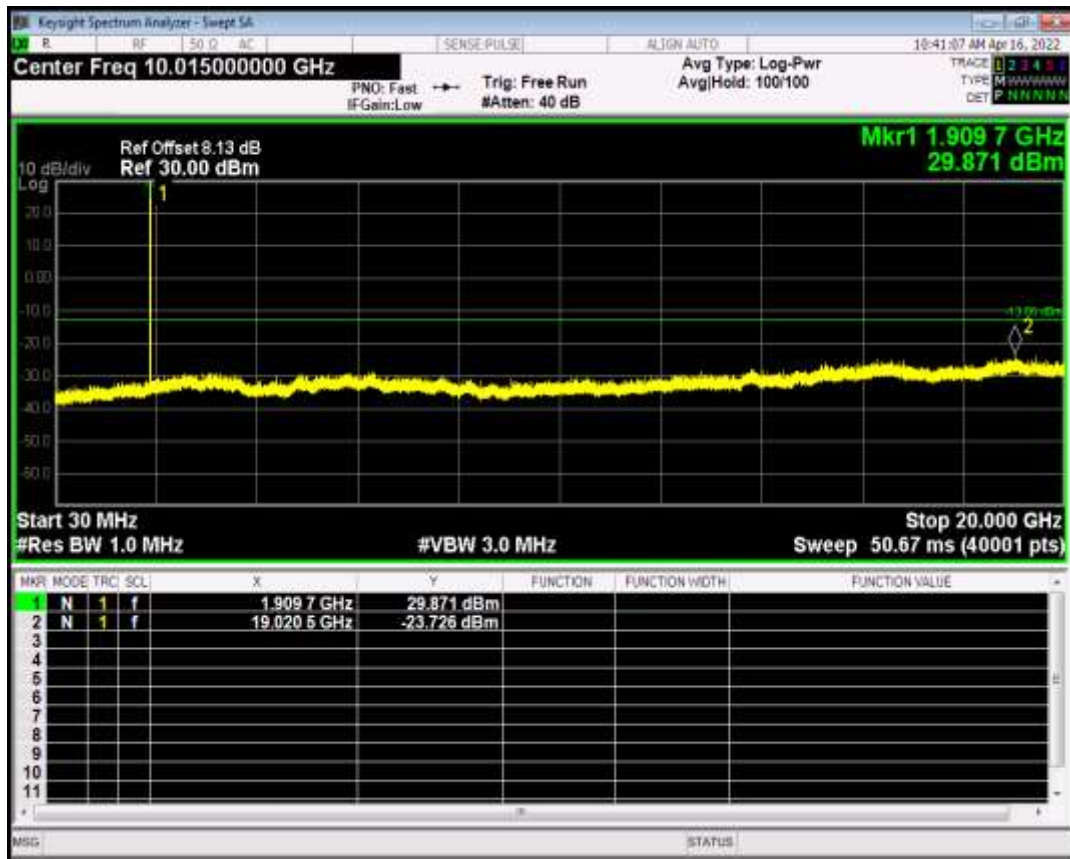
GPRS1900 Channel=512



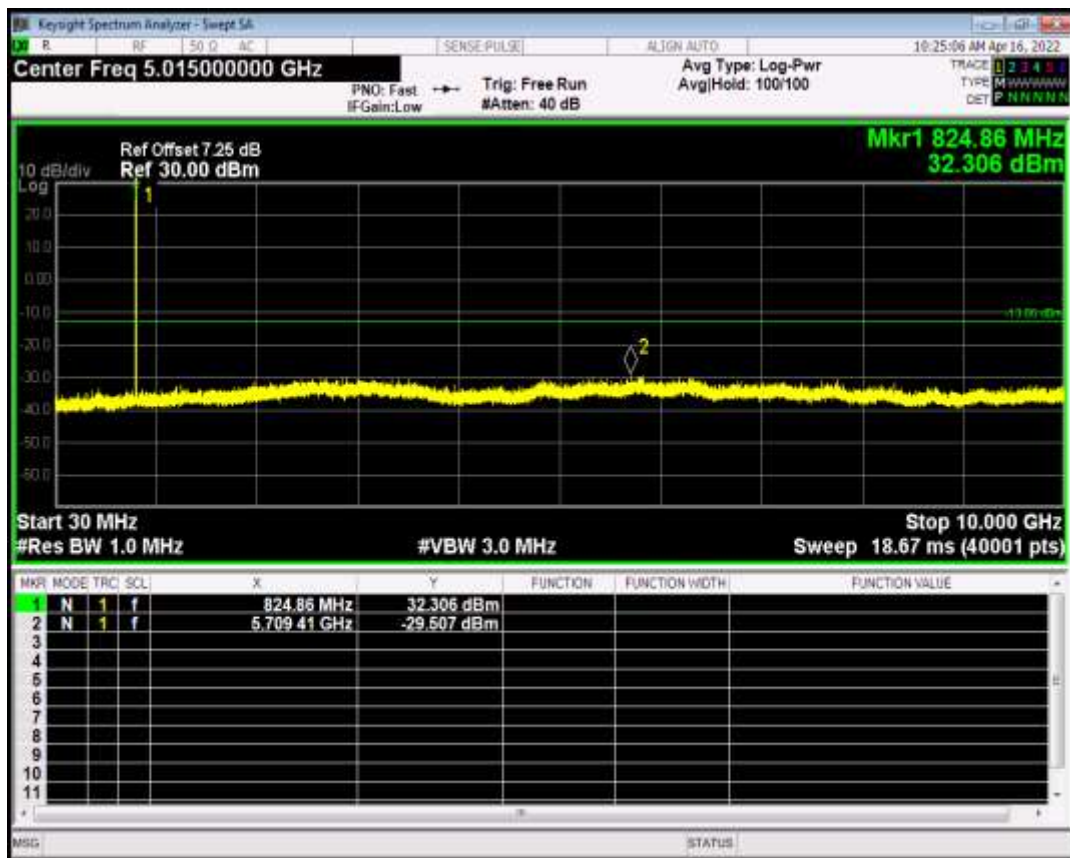
GPRS1900 Channel=661



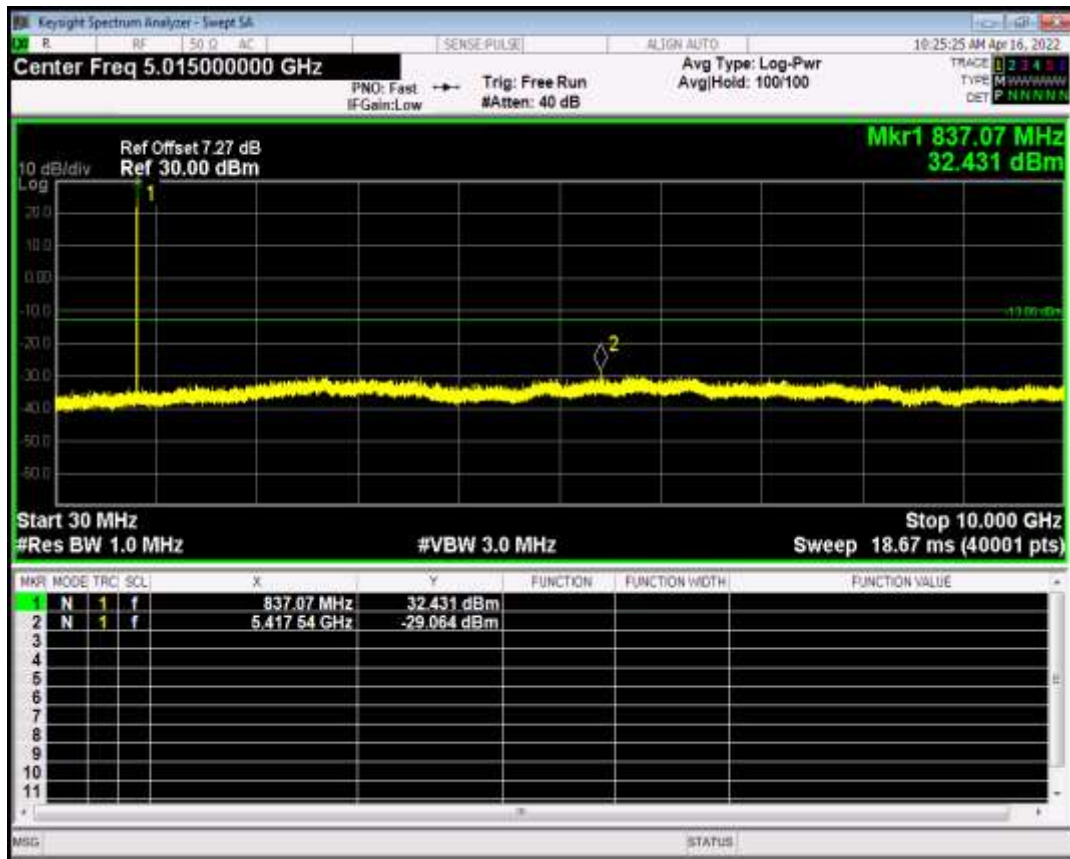
GPRS1900 Channel=810



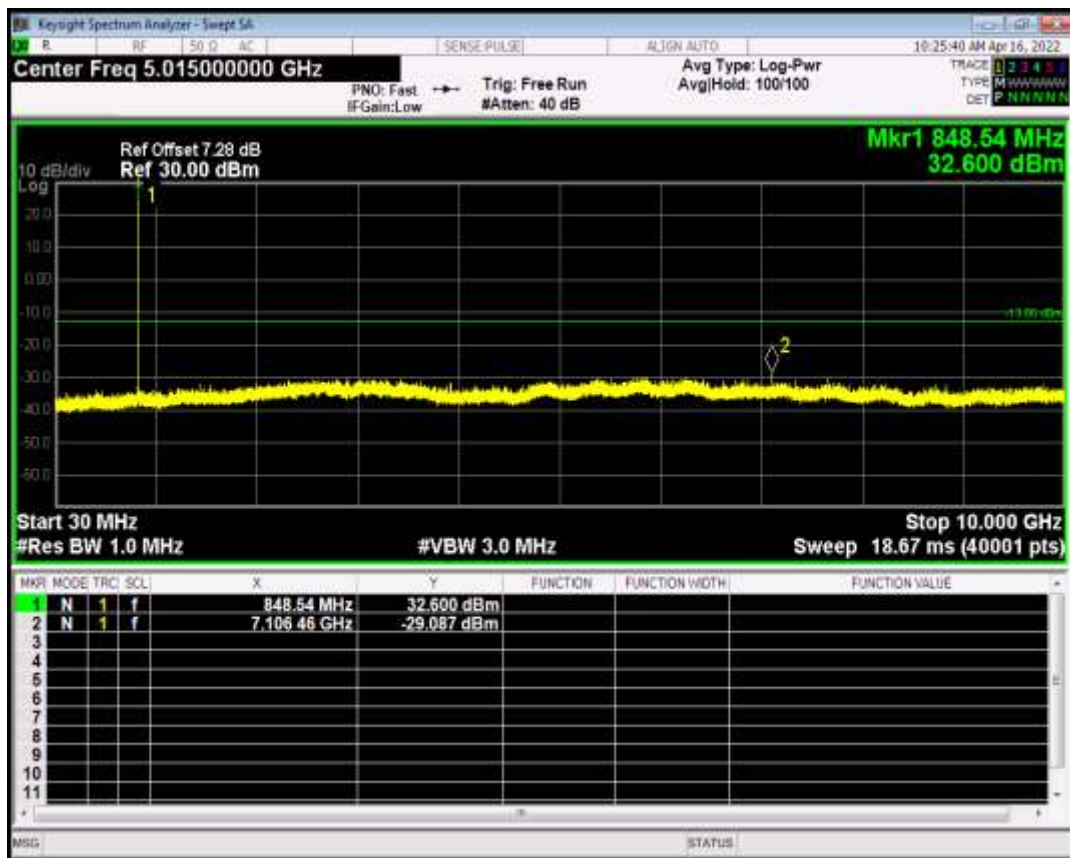
GPRS850 Channel=128



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	30.23	1	29.08	33.01	31.23	33.01	PASS
GSM1900	661	1880	30.18	1	29.03	33.01	31.18	33.01	PASS
GSM1900	810	1909.8	30.20	1	29.05	33.01	31.20	33.01	PASS
GSM850	128	824.2	32.87	1	31.72	38.45	33.87	38.45	PASS
GSM850	190	836.6	32.87	1	31.72	38.45	33.87	38.45	PASS
GSM850	251	848.8	33.07	1	31.92	38.45	34.07	38.45	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.70	13	PASS
GSM1900	661	1880	2.70	13	PASS
GSM1900	810	1909.8	2.71	13	PASS
GSM850	128	824.2	2.69	13	PASS
GSM850	190	836.6	2.70	13	PASS
GSM850	251	848.8	2.71	13	PASS

GSM1900 Channel=512



GSM1900 Channel=661



GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



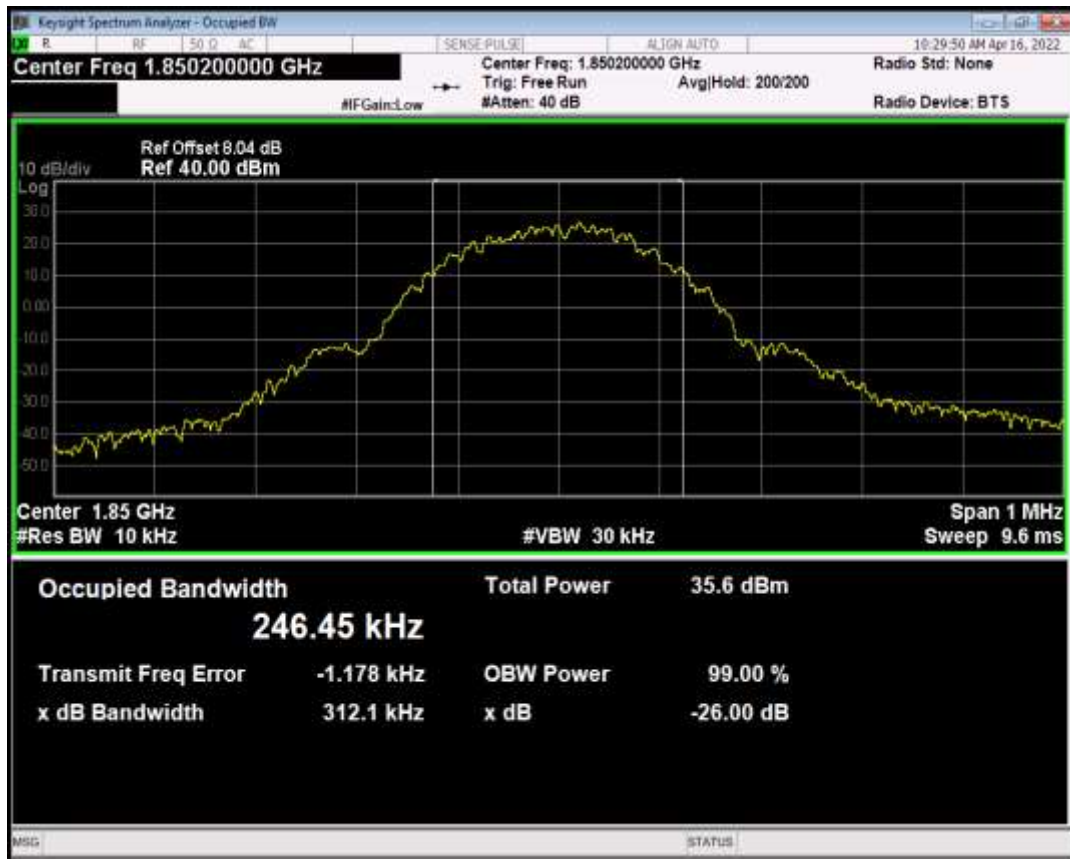
GSM850 Channel=251



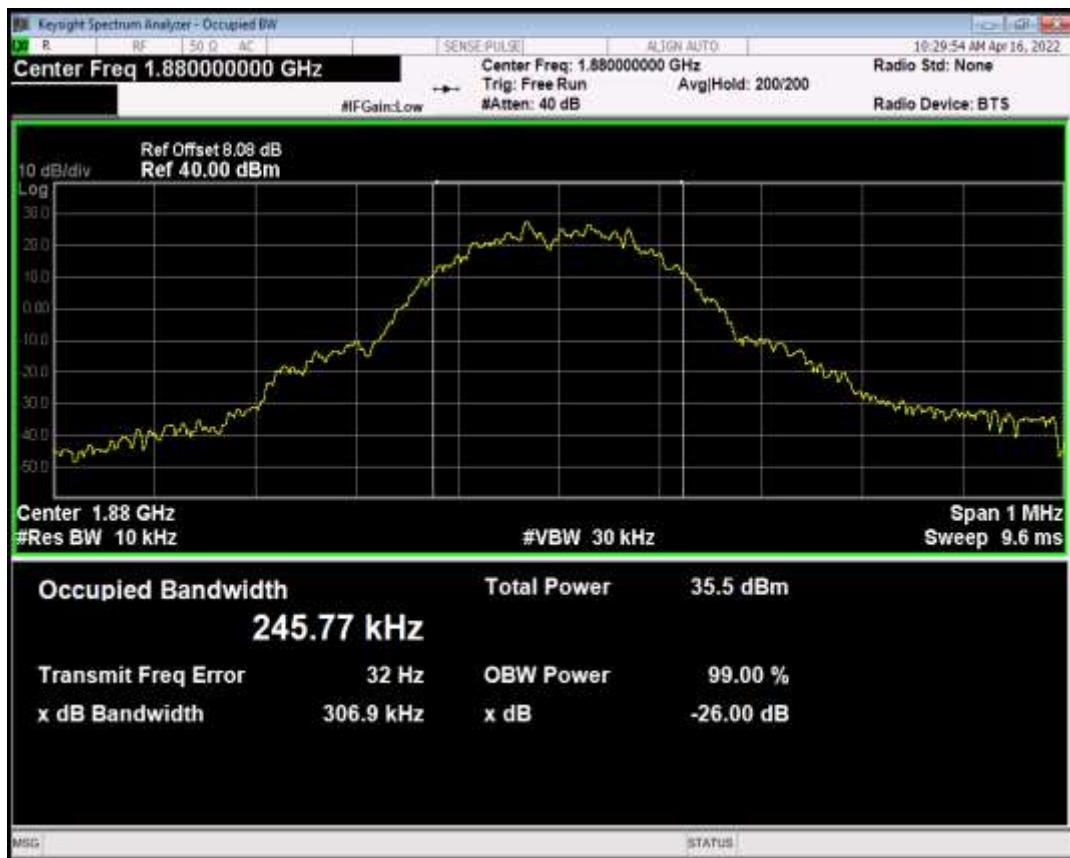
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	246.448	312.149	PASS
GSM1900	661	1880	245.769	306.939	PASS
GSM1900	810	1909.8	247.457	309.944	PASS
GSM850	128	824.2	252.279	323.241	PASS
GSM850	190	836.6	249.572	324.763	PASS
GSM850	251	848.8	243.774	314.624	PASS

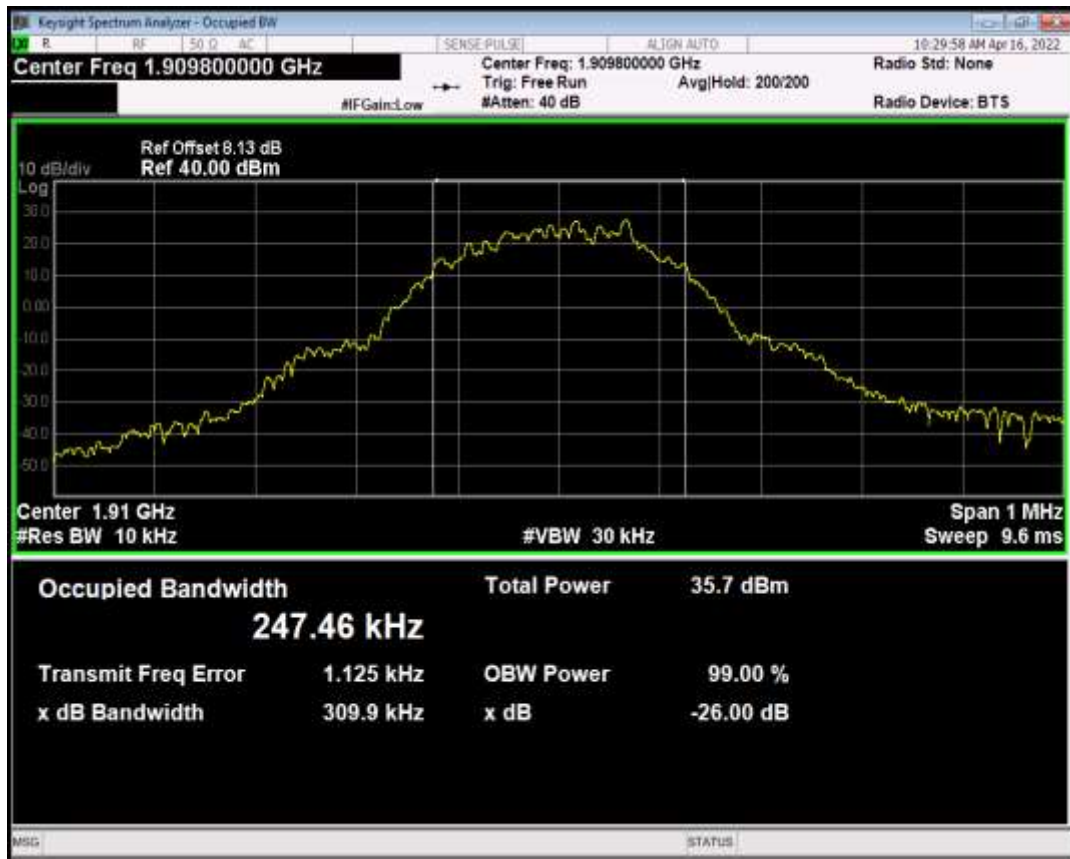
GSM1900 Channel=512



GSM1900 Channel=661



GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



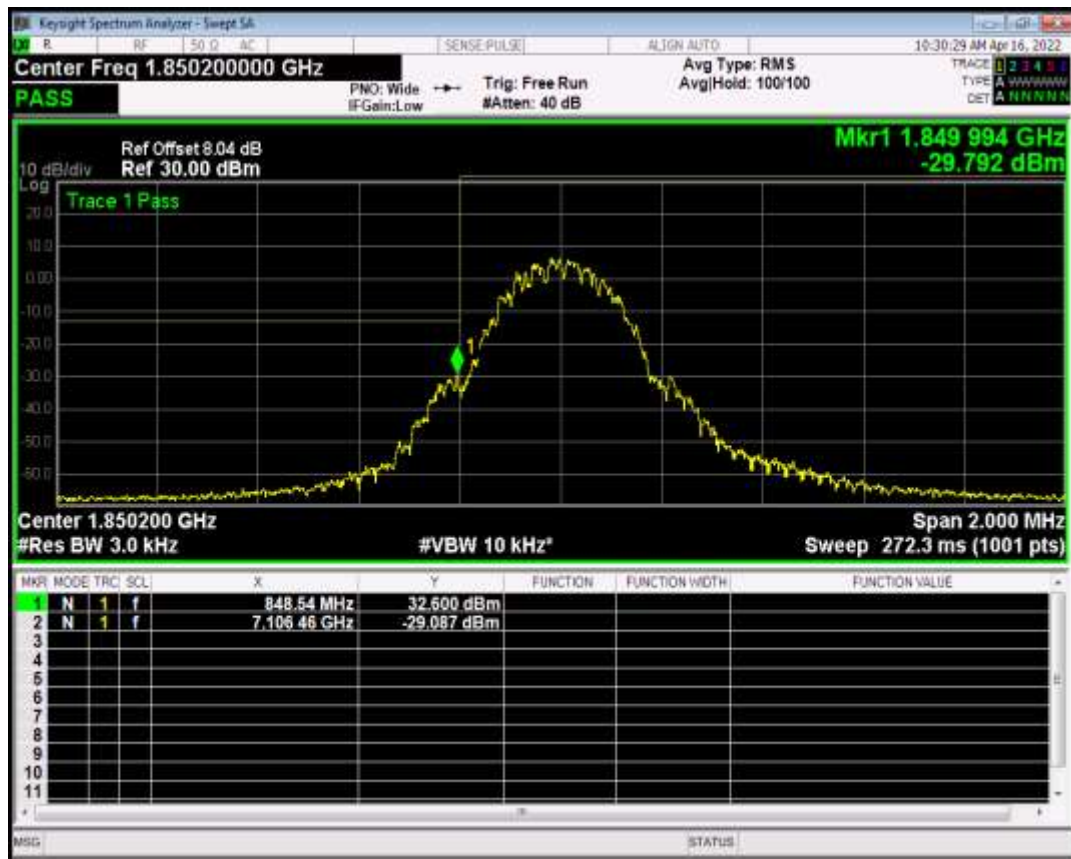
GSM850 Channel=251



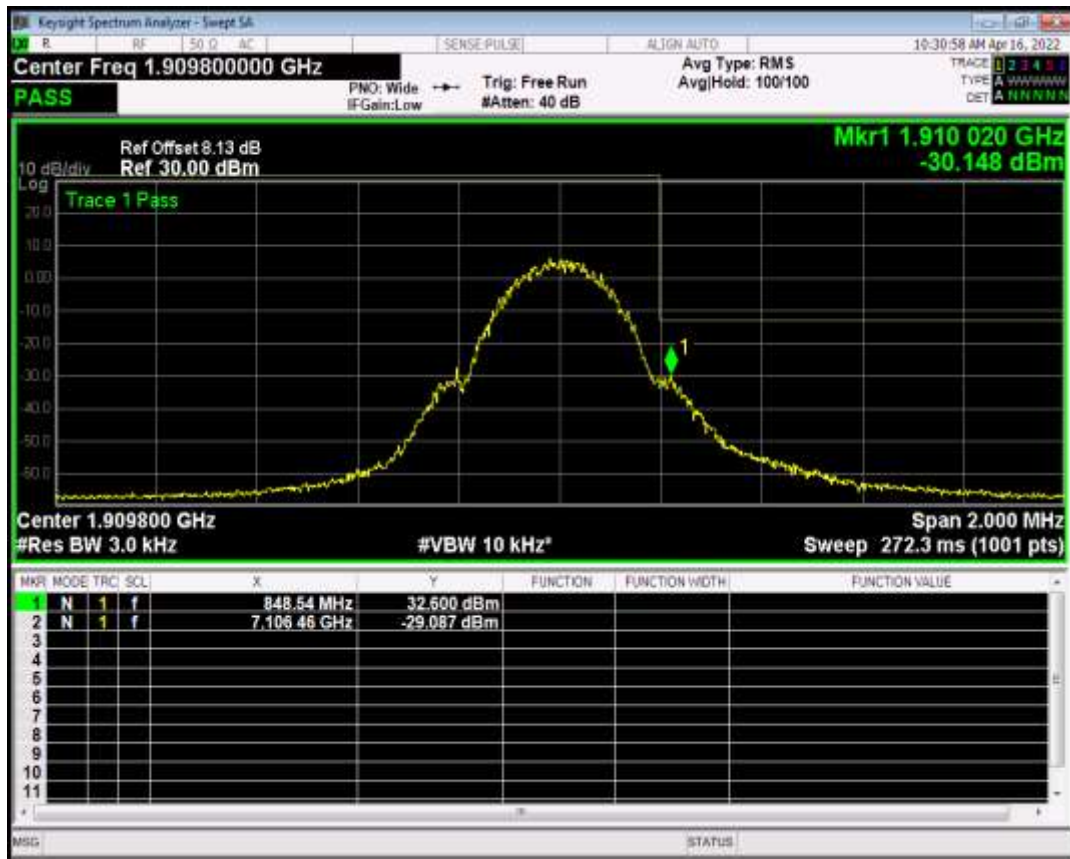
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1849.99	-29.79	-13	PASS
GSM1900	810	1909.8	1910.02	-30.14	-13	PASS
GSM850	128	824.2	823.98	-28.48	-13	PASS
GSM850	251	848.8	849.02	-26.70	-13	PASS

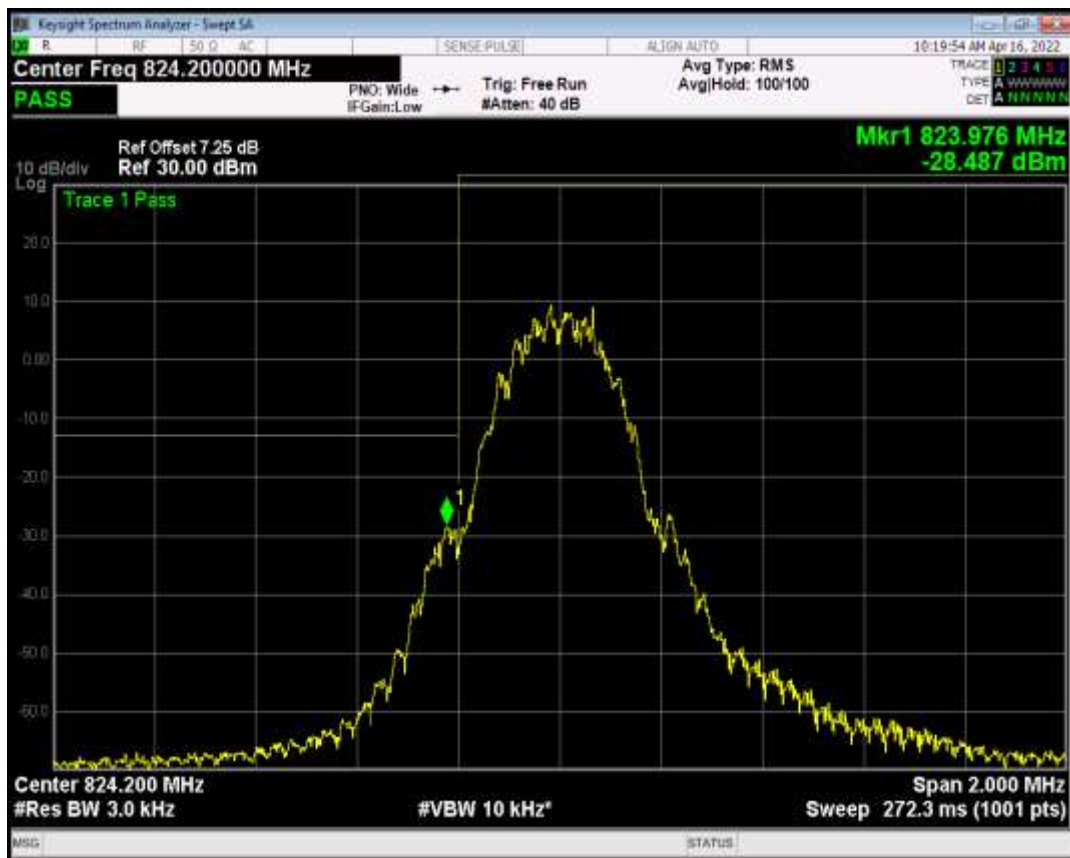
GSM1900 Channel=512



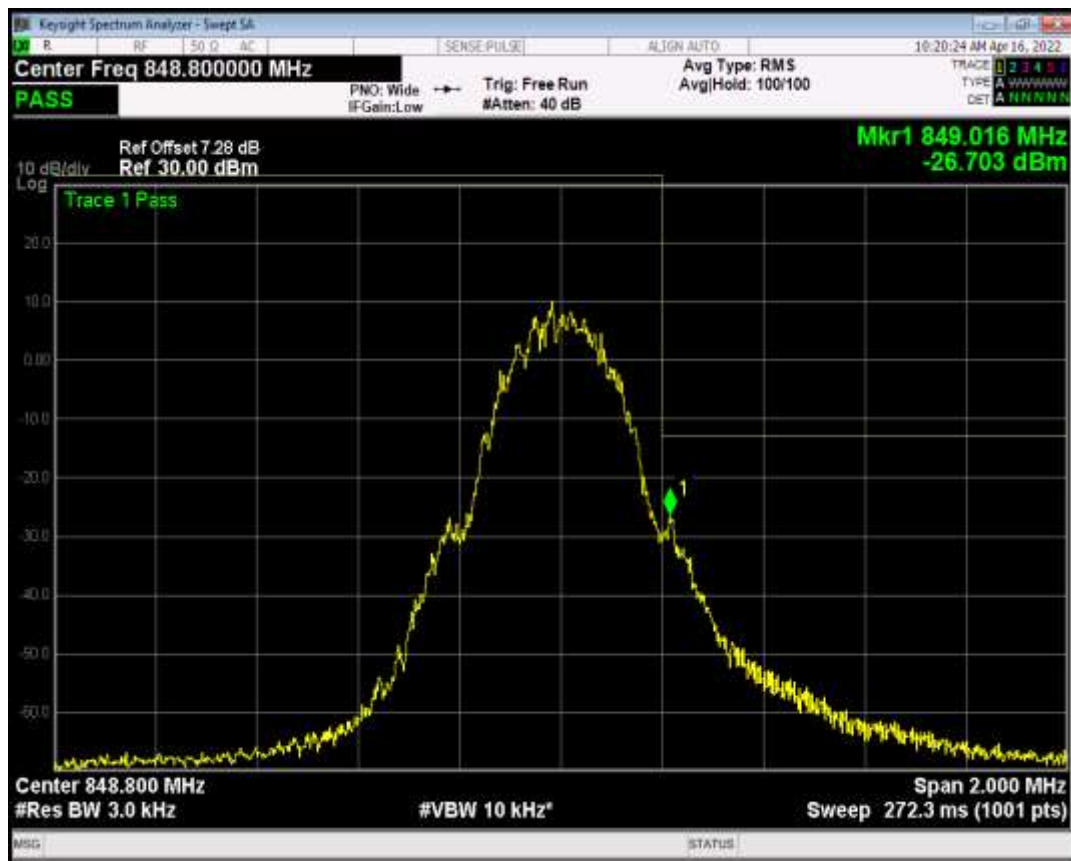
GSM1900 Channel=810



GSM850 Channel=128



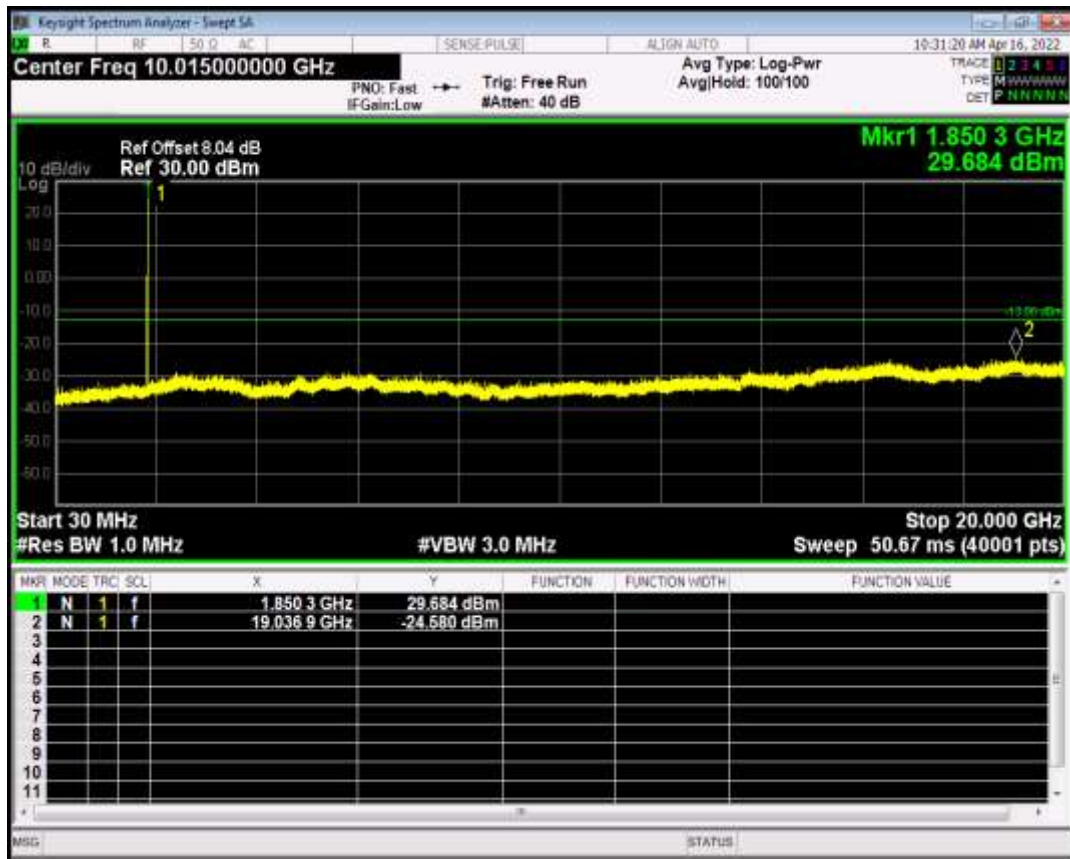
GSM850 Channel=251



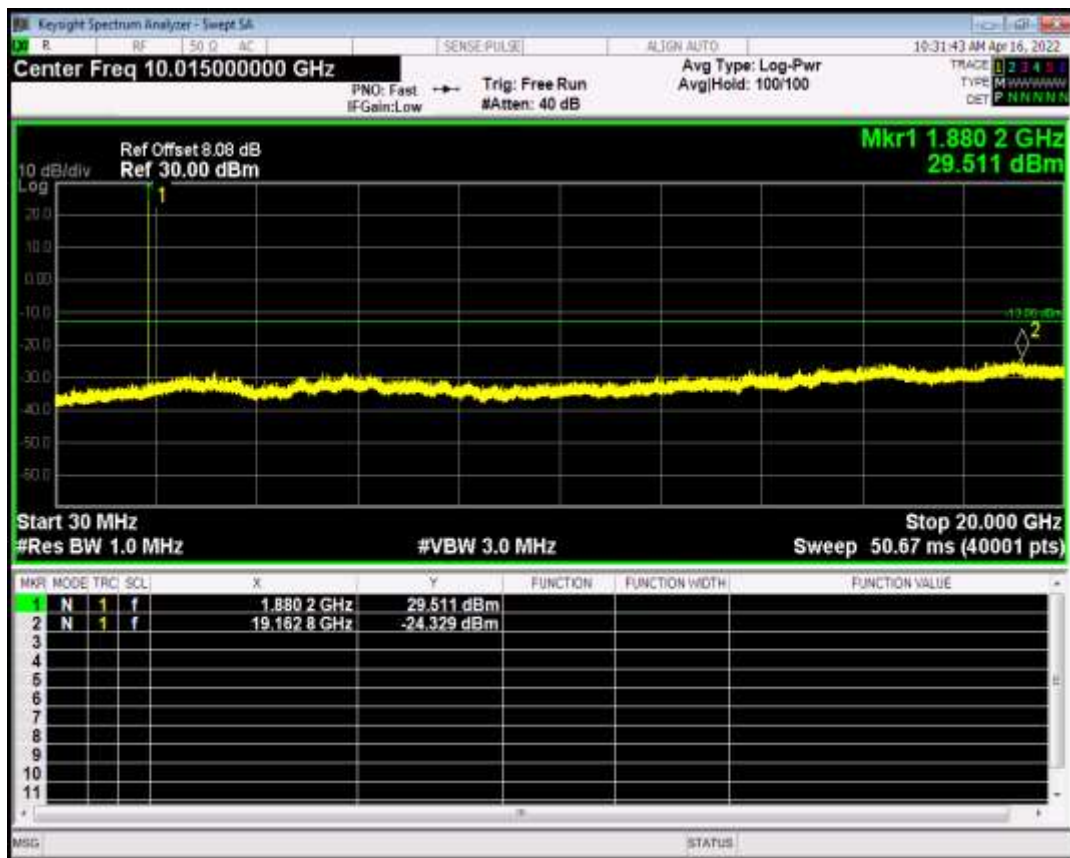
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	19036.95	-24.58	-13	PASS
GSM1900	661	1880	19162.76	-24.32	-13	PASS
GSM1900	810	1909.8	19132.80	-24.45	-13	PASS
GSM850	128	824.2	6223.61	-29.82	-13	PASS
GSM850	190	836.6	2404.85	-29.82	-13	PASS
GSM850	251	848.8	2584.06	-29.82	-13	PASS

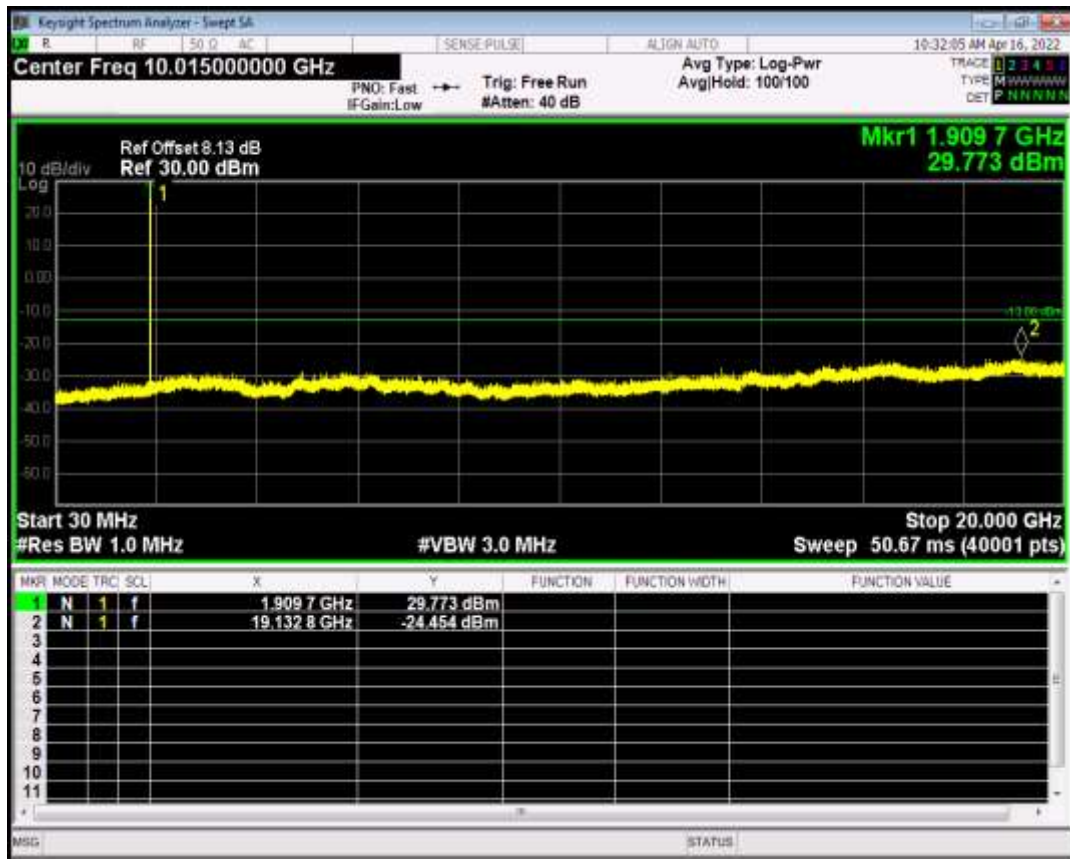
GSM1900 Channel=512



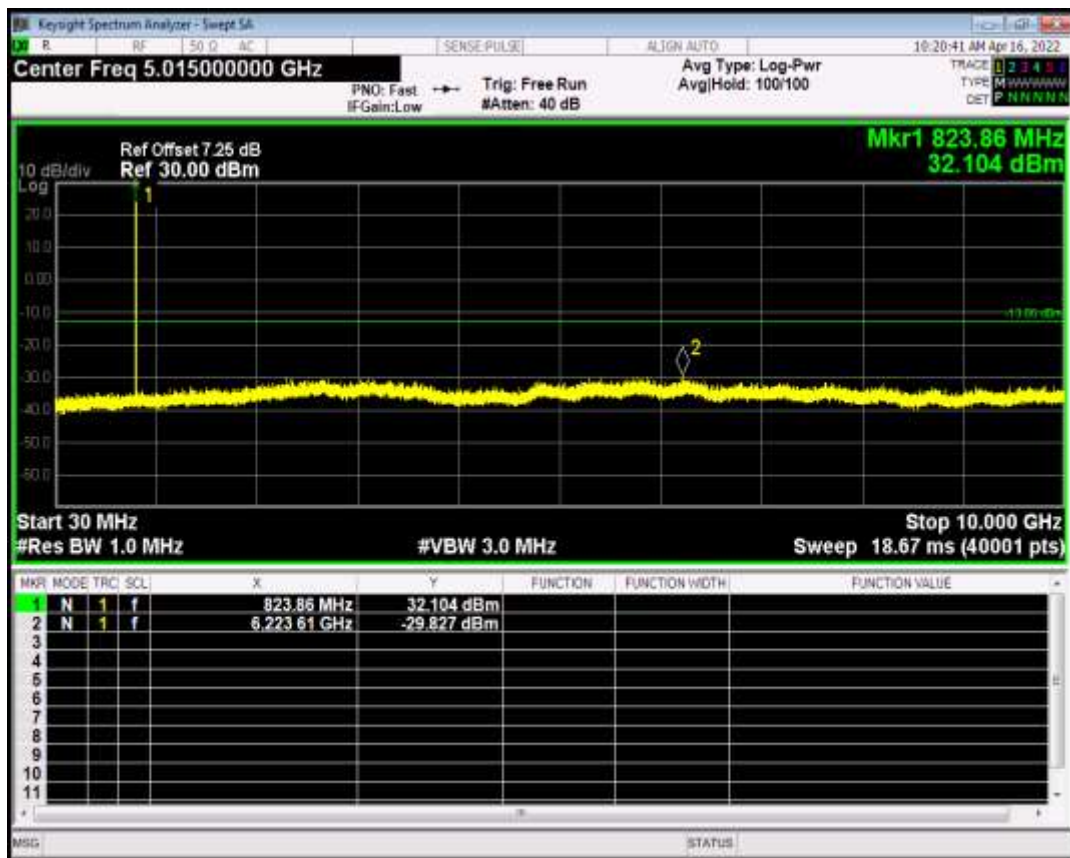
GSM1900 Channel=661



GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190

