

13 Conducted output power

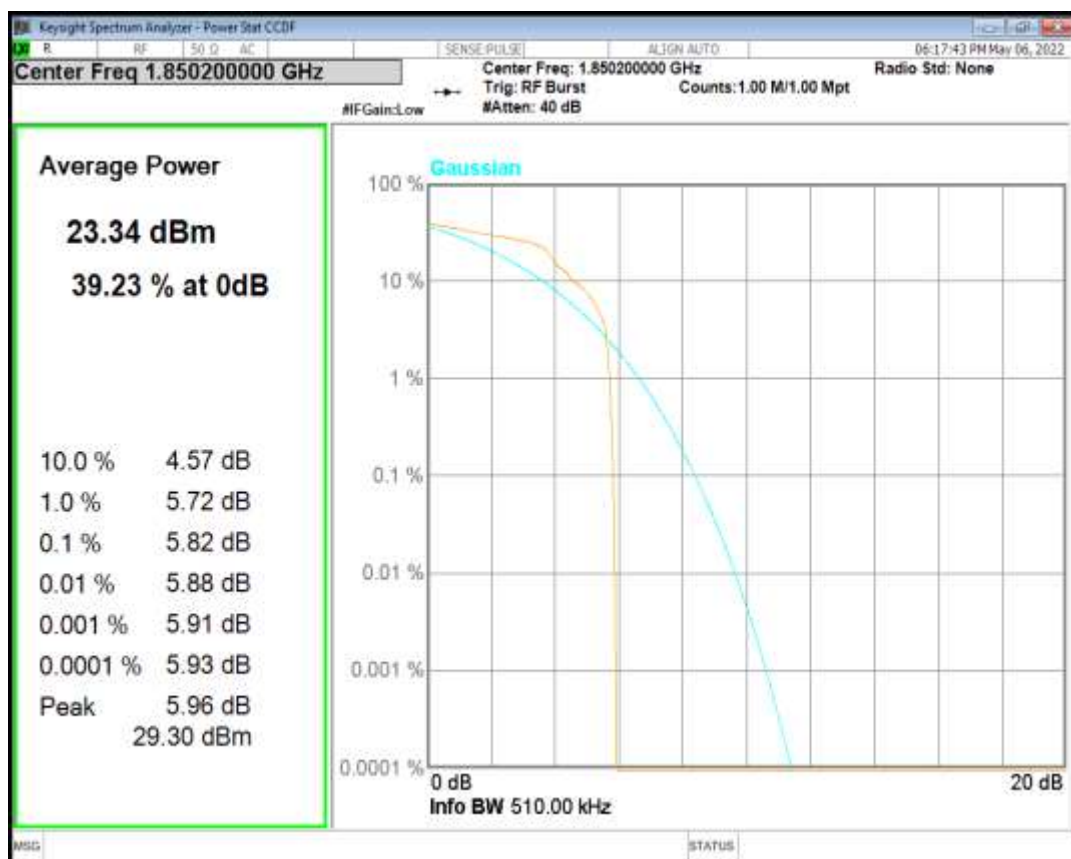
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	25.40	0	23.25	37	25.40	37	PASS
EGPRS1900 1 Slot	661	1880	26.47	0	24.32	37	26.47	37	PASS
EGPRS1900 1 Slot	810	1909.8	26.70	0	24.55	37	26.70	37	PASS
EGPRS1900 2 Slot	512	1850.2	24.56	0	22.41	37	24.56	37	PASS
EGPRS1900 2 Slot	661	1880	24.78	0	22.63	37	24.78	37	PASS
EGPRS1900 2 Slot	810	1909.8	24.77	0	22.62	37	24.77	37	PASS
EGPRS1900 3 Slot	512	1850.2	22.62	0	20.47	37	22.62	37	PASS
EGPRS1900 3 Slot	661	1880	22.54	0	20.39	37	22.54	37	PASS
EGPRS1900 3 Slot	810	1909.8	22.37	0	20.22	37	22.37	37	PASS
EGPRS1900 4 Slot	512	1850.2	21.10	0	18.95	37	21.10	37	PASS
EGPRS1900 4 Slot	661	1880	21.60	0	19.45	37	21.60	37	PASS
EGPRS1900 4 Slot	810	1909.8	21.42	0	19.27	37	21.42	37	PASS
EGPRS850 1 Slot	128	824.2	27.41	0	25.26	37	27.41	37	PASS
EGPRS850 1 Slot	190	836.6	27.42	0	25.27	37	27.42	37	PASS
EGPRS850 1 Slot	251	848.8	27.47	0	25.32	37	27.47	37	PASS
EGPRS850 2 Slot	128	824.2	26.32	0	24.17	37	26.32	37	PASS
EGPRS850 2 Slot	190	836.6	26.25	0	24.10	37	26.25	37	PASS
EGPRS850 2 Slot	251	848.8	26.20	0	24.05	37	26.20	37	PASS
EGPRS850 3 Slot	128	824.2	23.98	0	21.83	37	23.98	37	PASS
EGPRS850 3 Slot	190	836.6	24.05	0	21.90	37	24.05	37	PASS

EGPRS850 3 Slot	251	848.8	24.40	0	22.25	37	24.40	37	PASS
EGPRS850 4 Slot	128	824.2	23.04	0	20.89	37	23.04	37	PASS
EGPRS850 4 Slot	190	836.6	23.32	0	21.17	37	23.32	37	PASS
EGPRS850 4 Slot	251	848.8	22.79	0	20.64	37	22.79	37	PASS

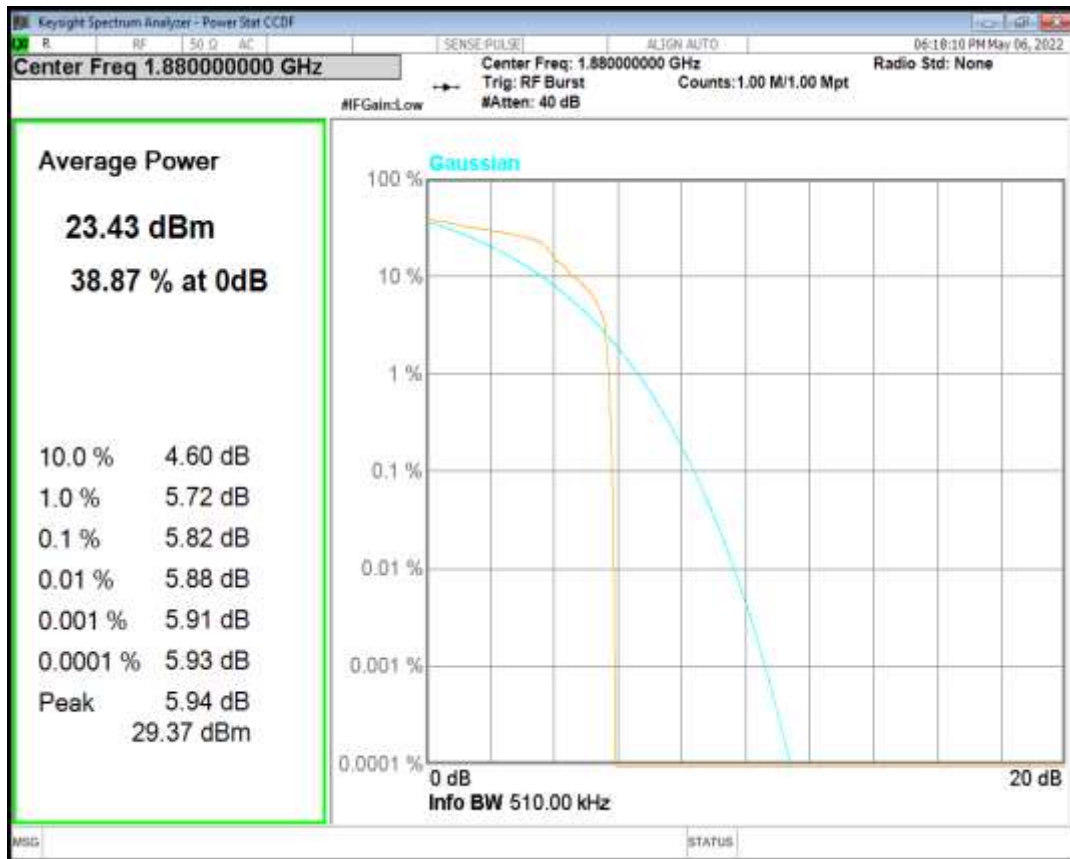
15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	5.821246006	13.00	PASS
EGPRS1900	661	1880	5.823940299	13.00	PASS
EGPRS1900	810	1909.8	5.877598945	13.00	PASS
EGPRS850	128	824.2	7.849725131	13.00	PASS
EGPRS850	190	836.6	7.645914826	13.00	PASS
EGPRS850	251	848.8	7.694065934	13.00	PASS

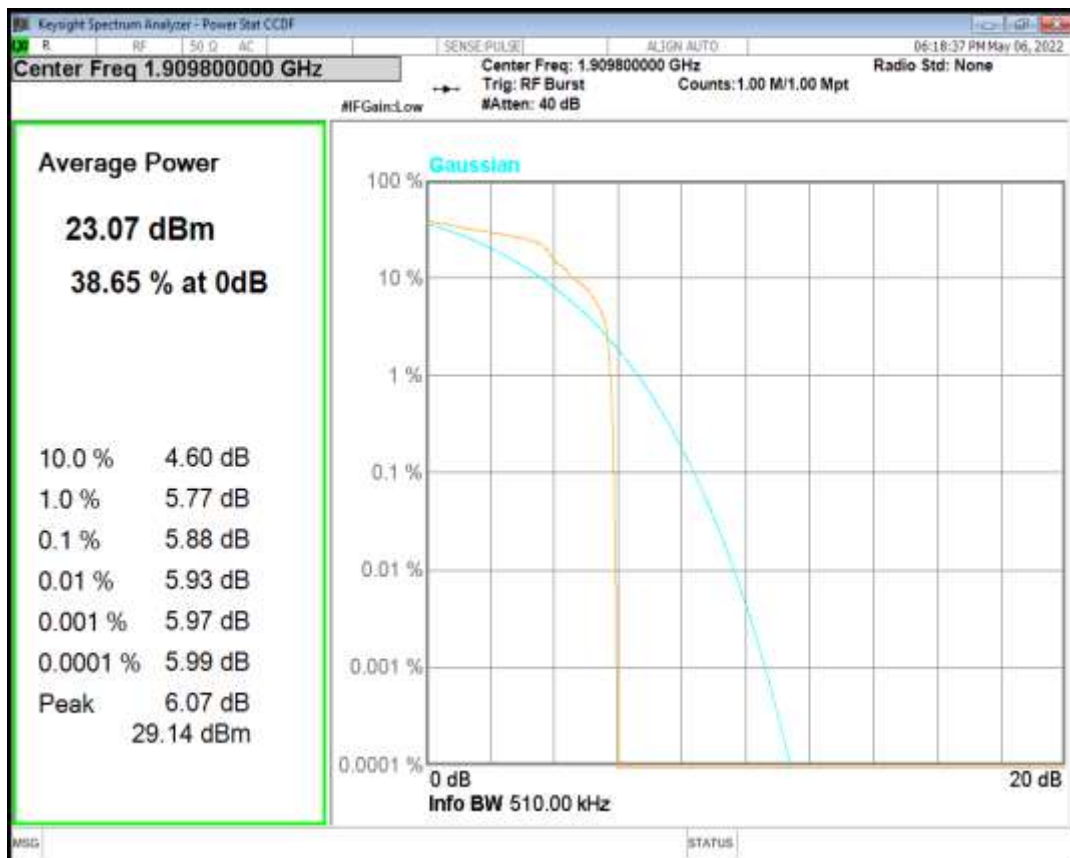
EGPRS1900 Channel=512



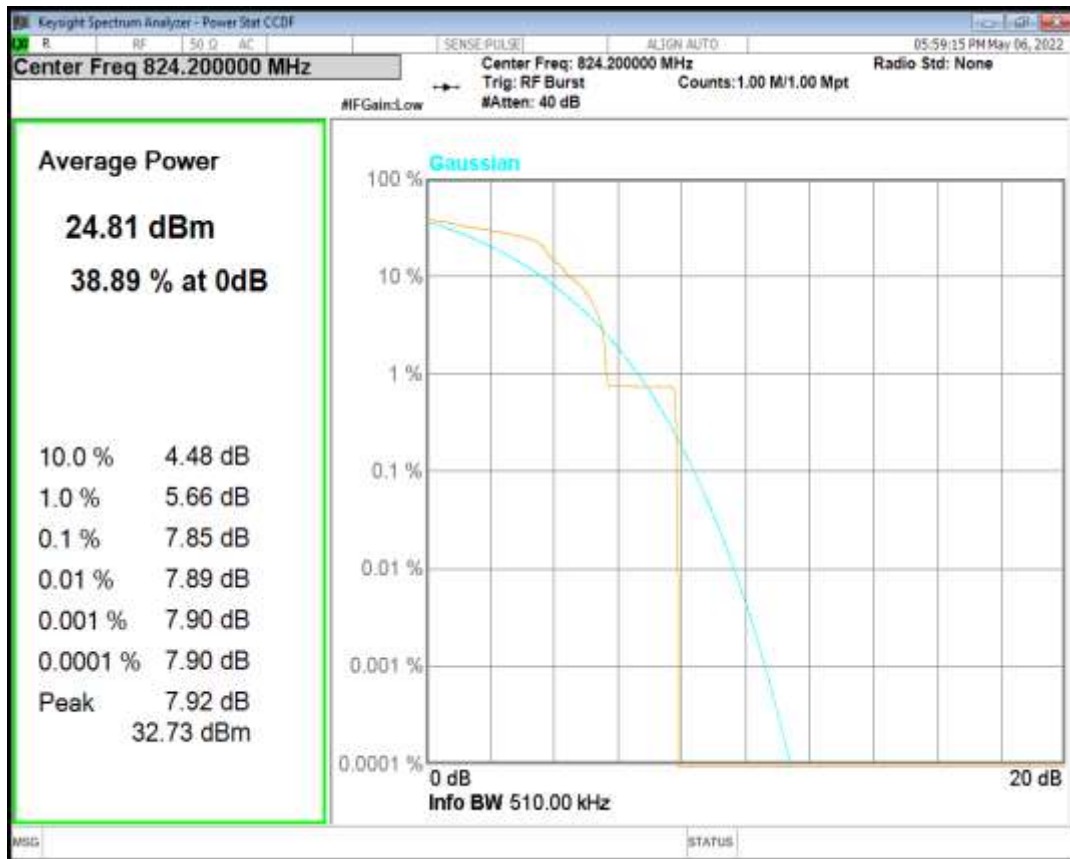
EGPRS1900 Channel=661



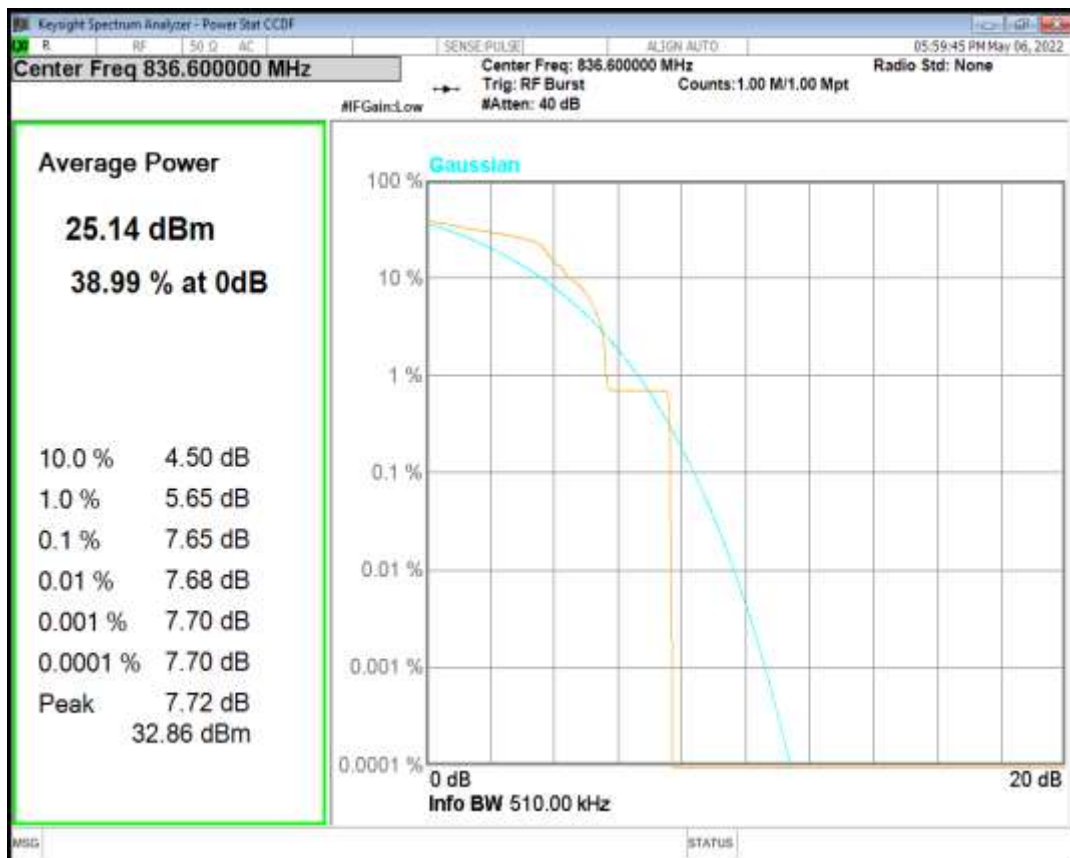
EGPRS1900 Channel=810



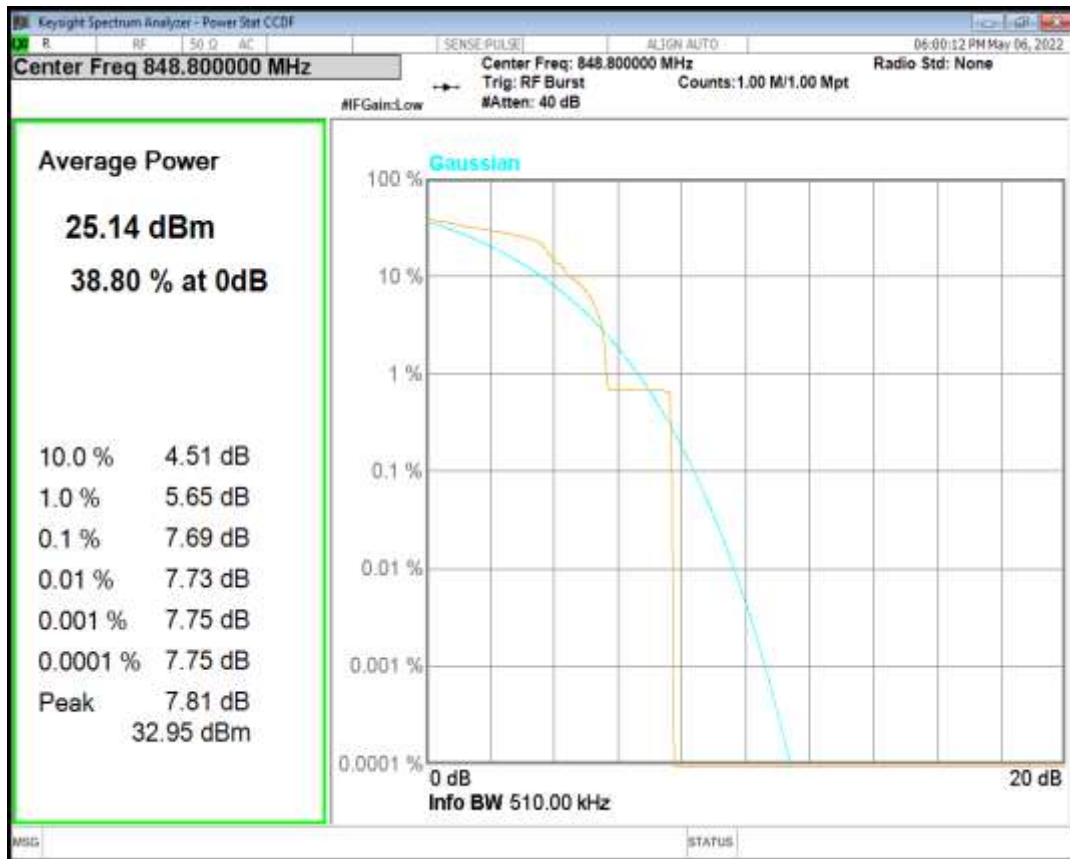
EGPRS850 Channel=128



EGPRS850 Channel=190



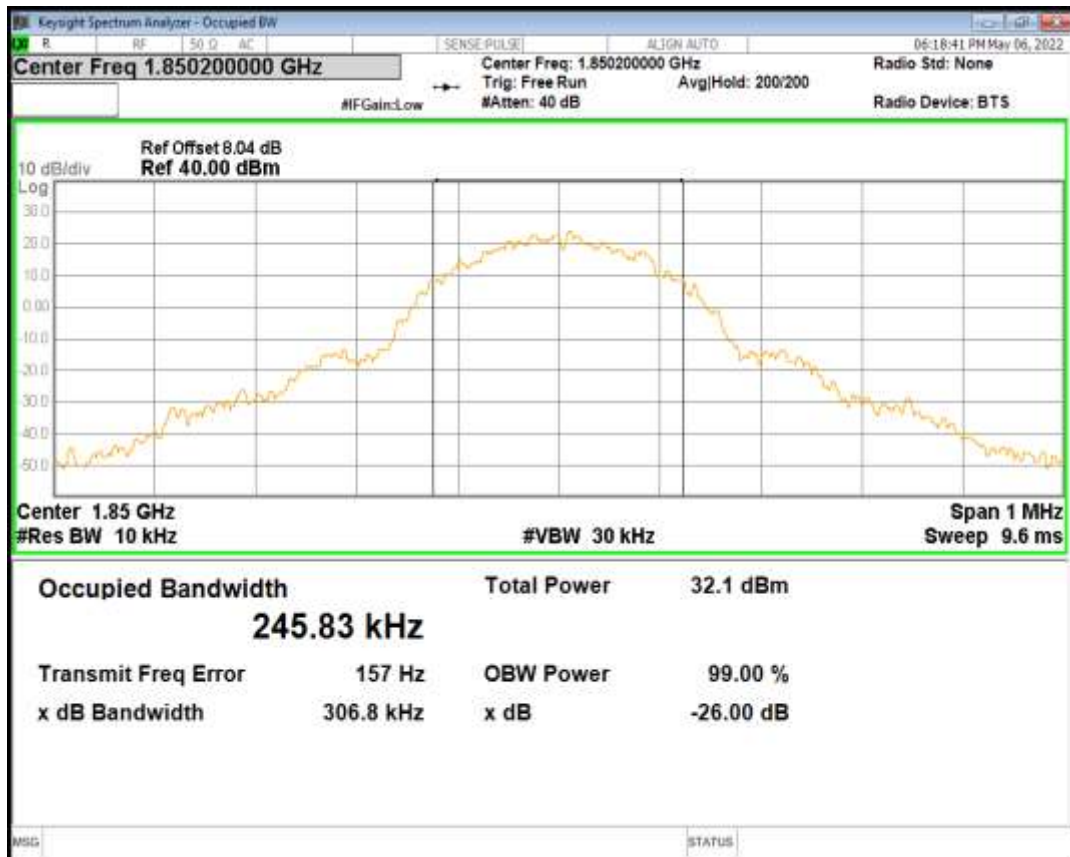
EGPRS850 Channel=251



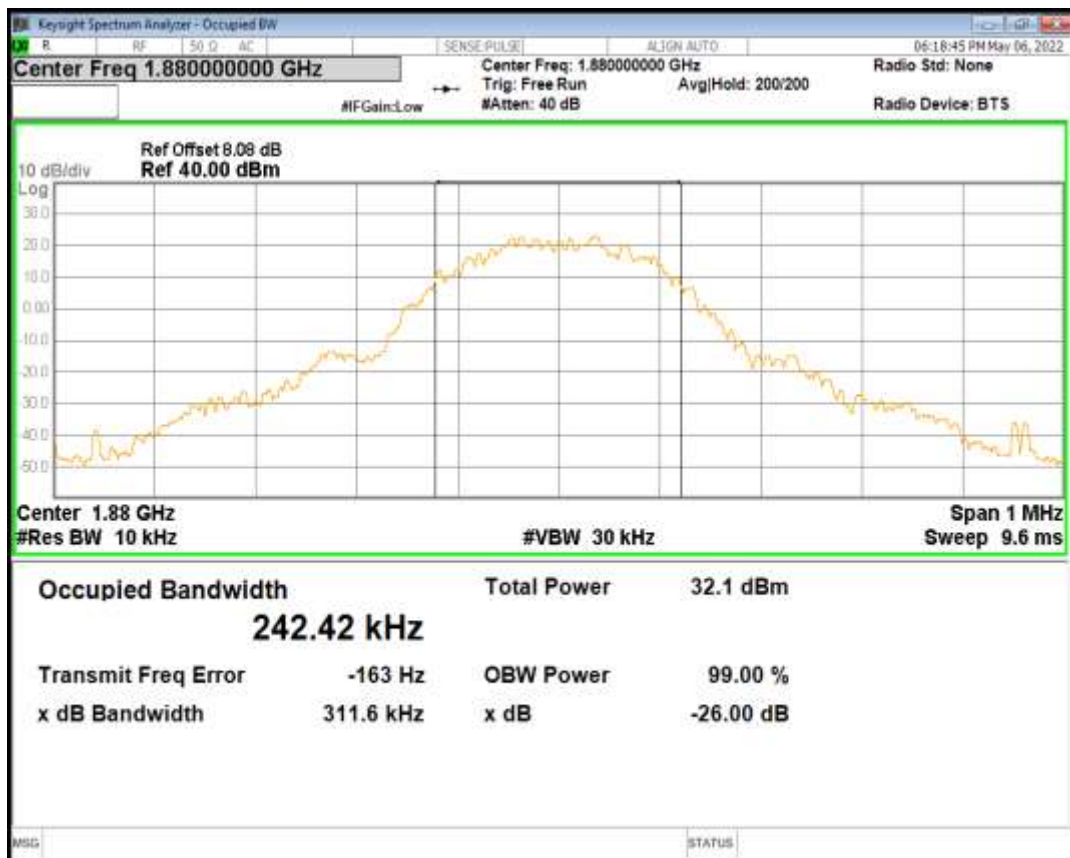
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	245.828	306.804	PASS
EGPRS1900	661	1880	242.423	311.633	PASS
EGPRS1900	810	1909.8	241.801	306.964	PASS
EGPRS850	128	824.2	242.820	299.184	PASS
EGPRS850	190	836.6	250.043	323.071	PASS
EGPRS850	251	848.8	240.301	304.414	PASS

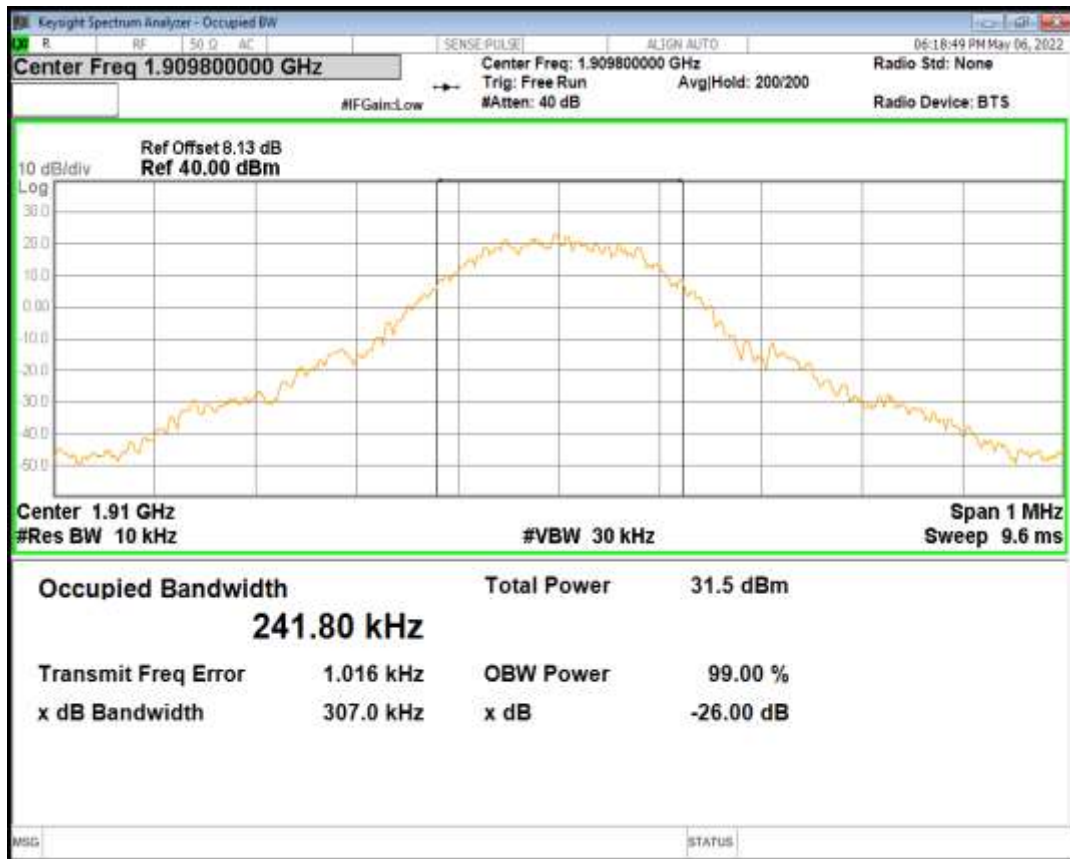
EGPRS1900 Channel=512



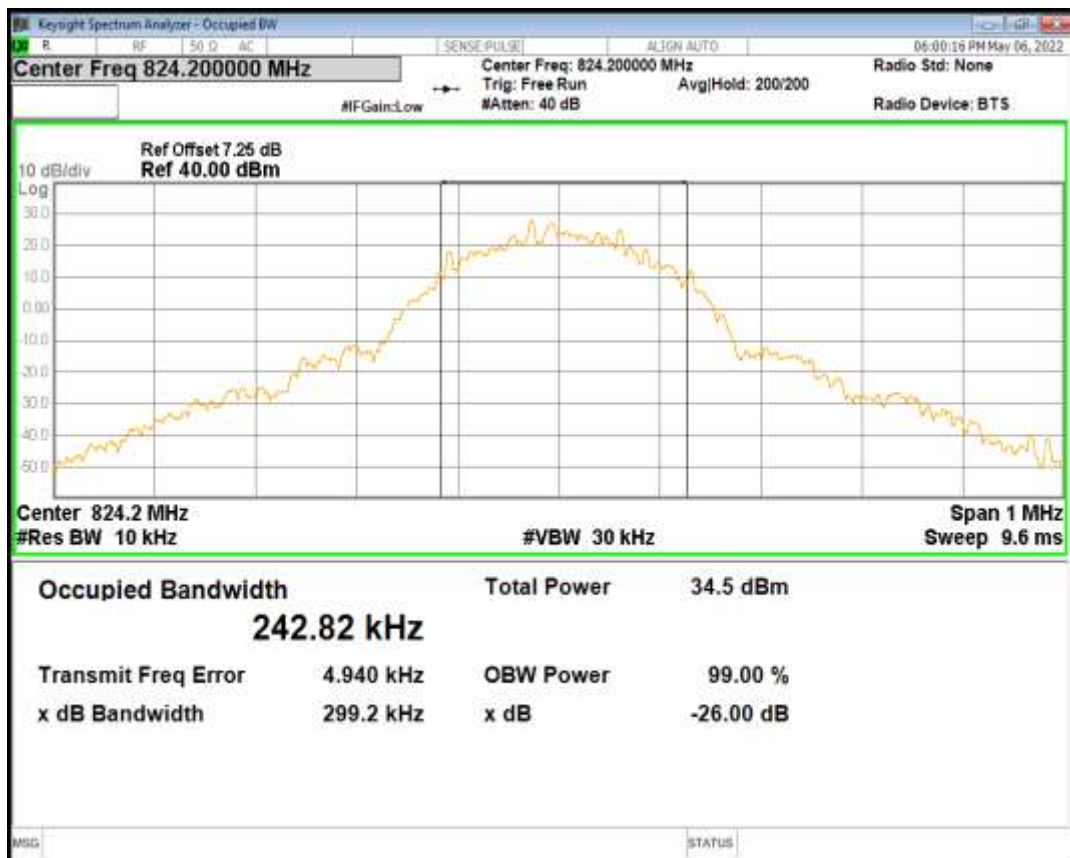
EGPRS1900 Channel=661



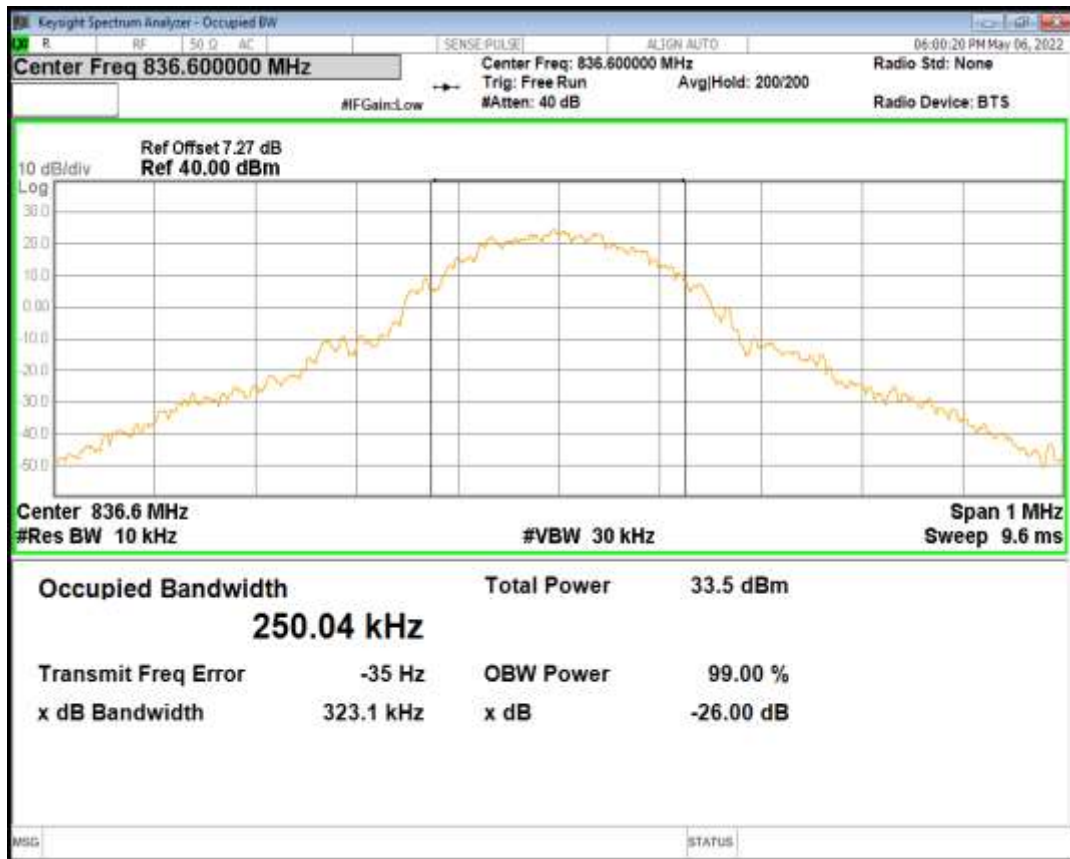
EGPRS1900 Channel=810



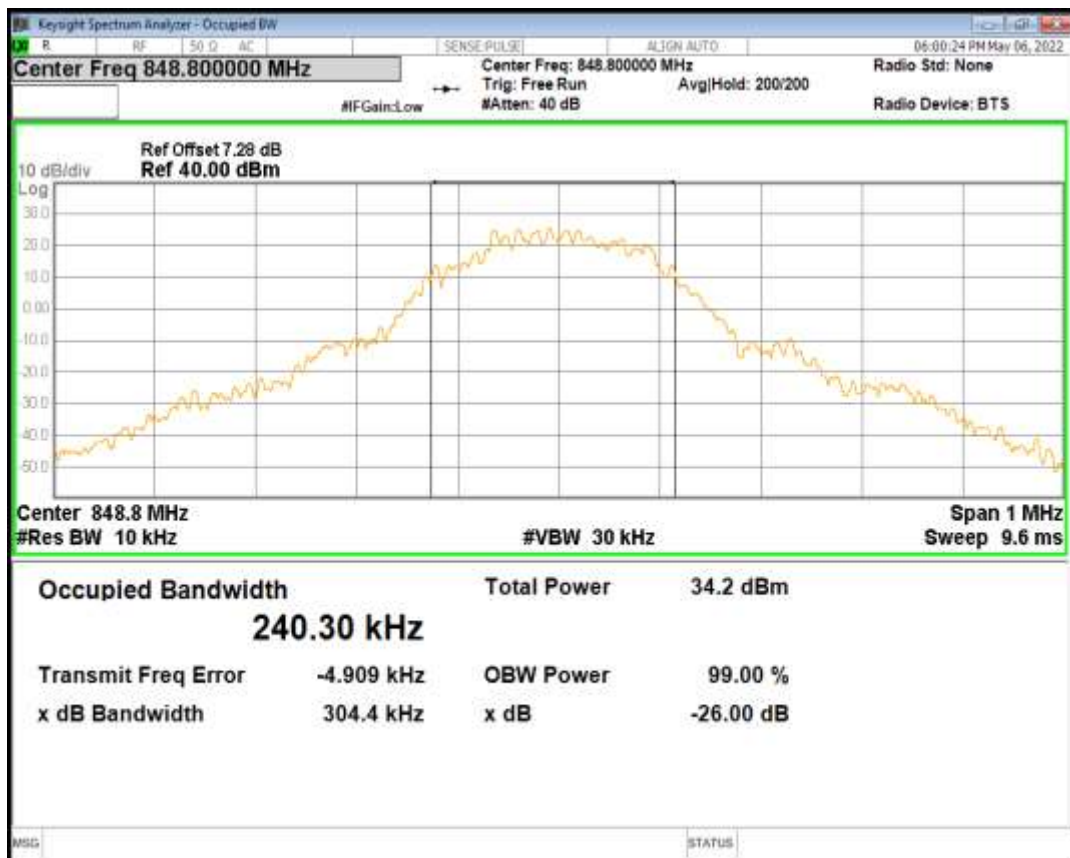
EGPRS850 Channel=128



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	1849.99	-33.77	-13	PASS
EGPRS1900	810	1909.8	1910.01	-32.05	-13	PASS
EGPRS850	128	824.2	823.99	-31.39	-13	PASS
EGPRS850	251	848.8	849.01	-30.57	-13	PASS

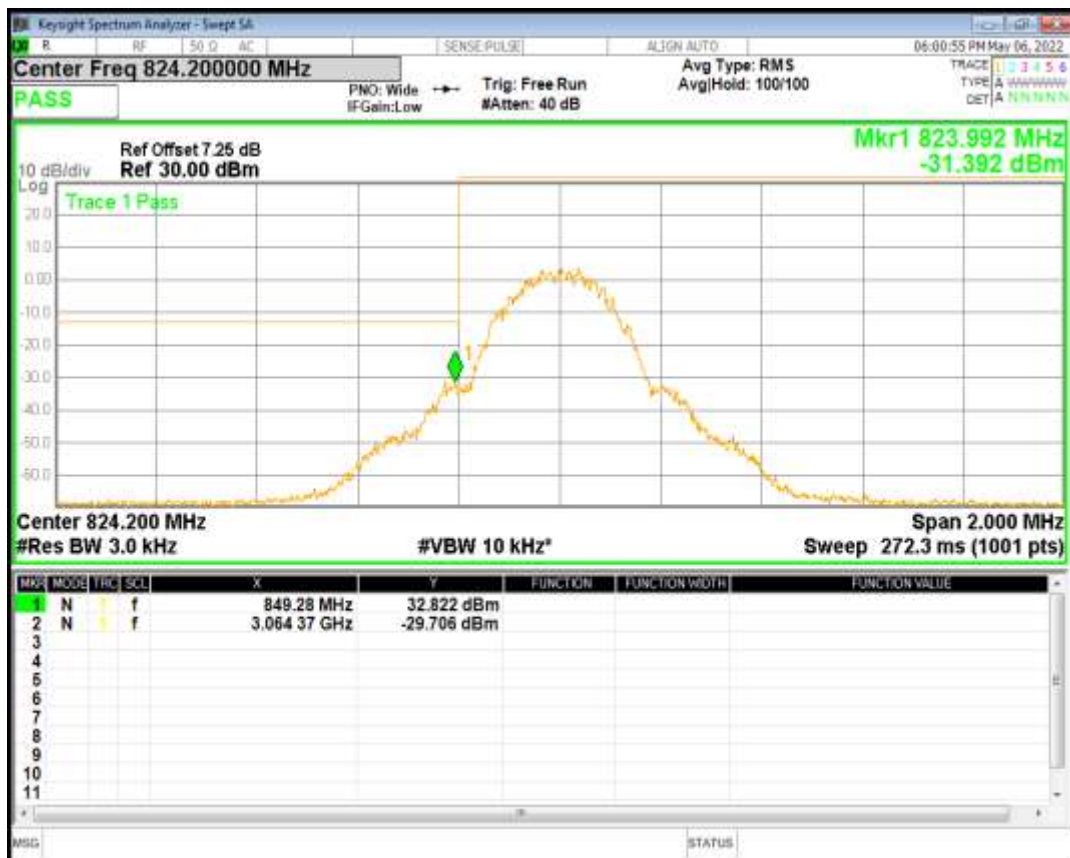
EGPRS1900 Channel=512



EGPRS1900 Channel=810



EGPRS850 Channel=128



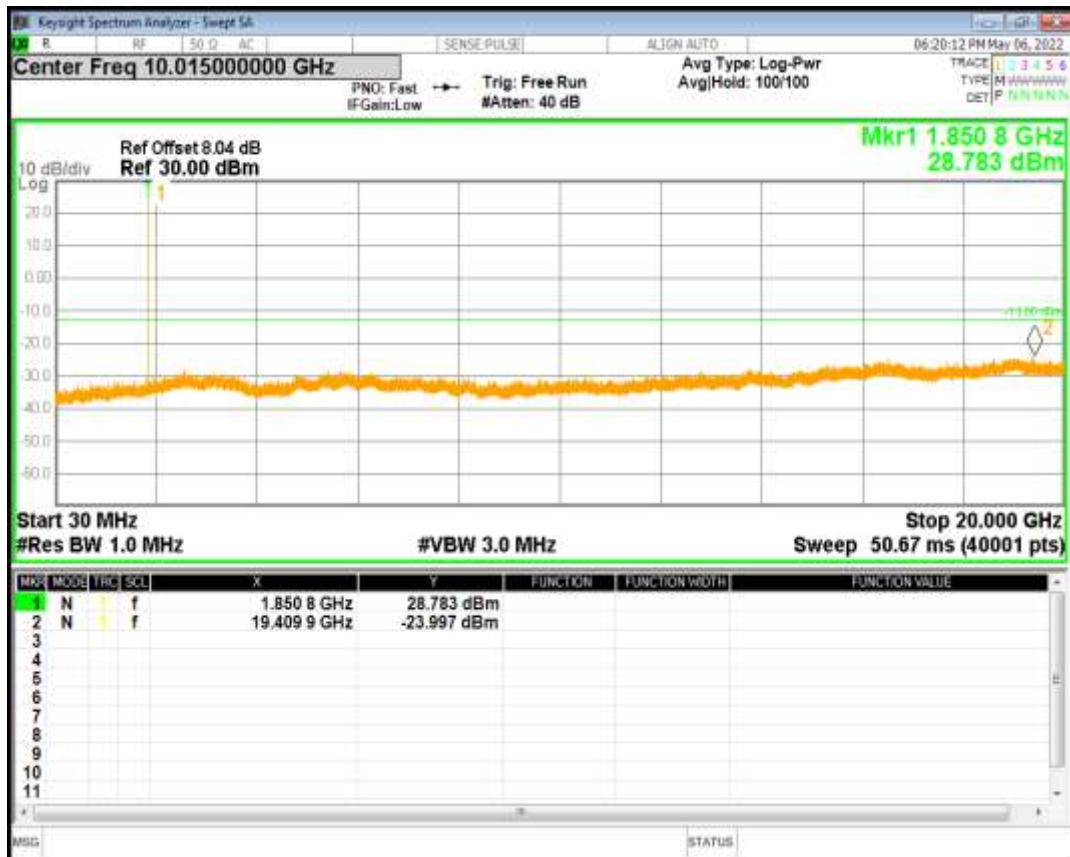
EGPRS850 Channel=251



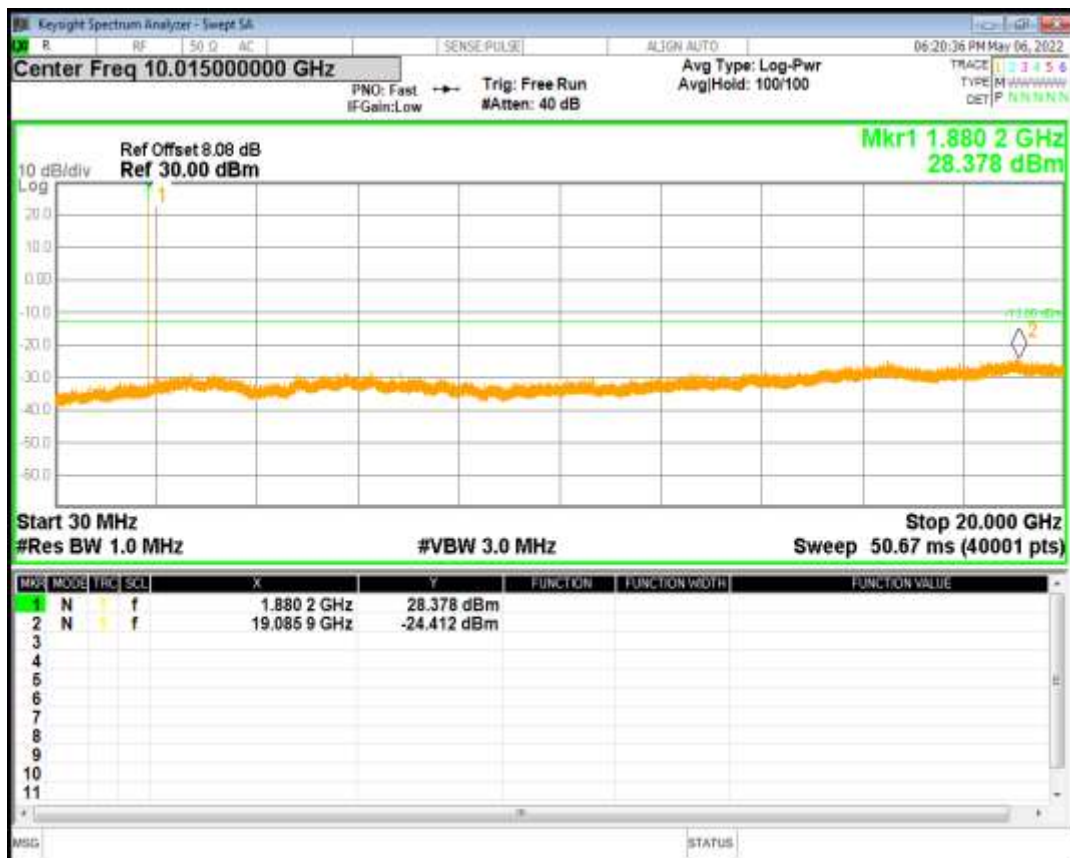
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	19409.89	-23.99	-13	PASS
EGPRS1900	661	1880	19085.87	-24.41	-13	PASS
EGPRS1900	810	1909.8	19061.91	-23.70	-13	PASS
EGPRS850	128	824.2	3165.81	-29.27	-13	PASS
EGPRS850	190	836.6	5414.30	-29.42	-13	PASS
EGPRS850	251	848.8	2564.12	-28.92	-13	PASS

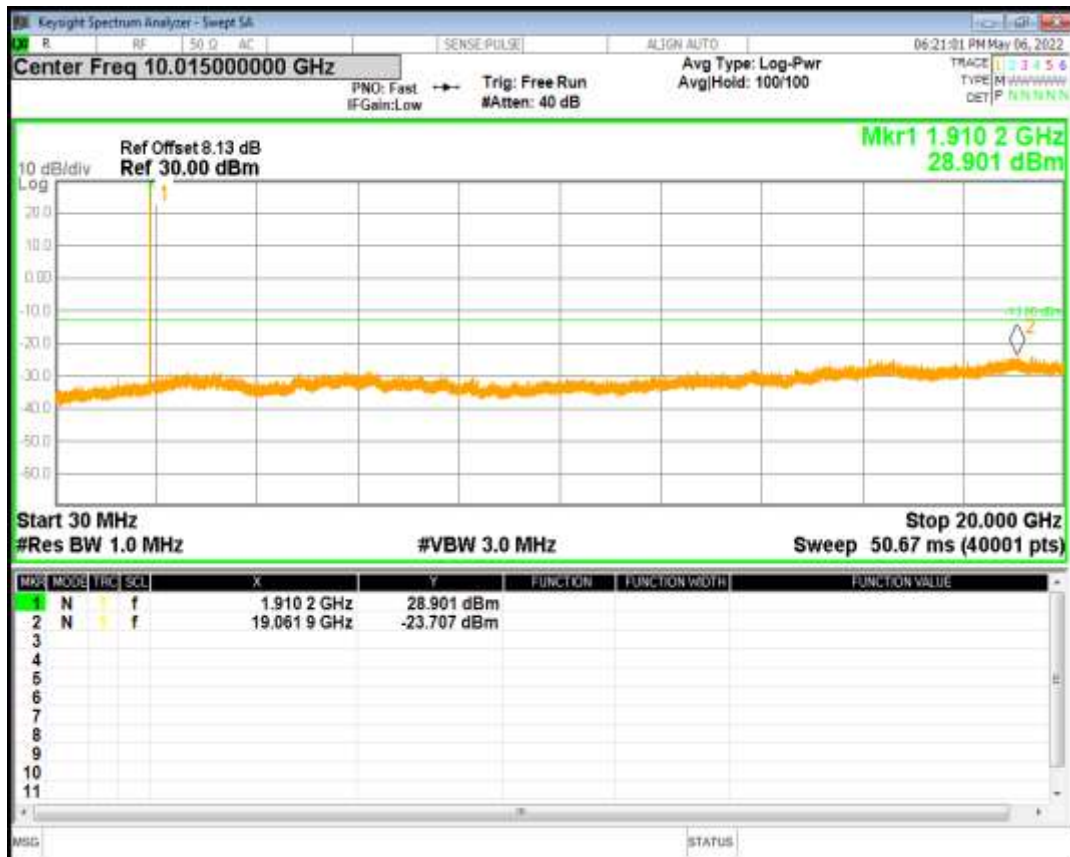
EGPRS1900 Channel=512



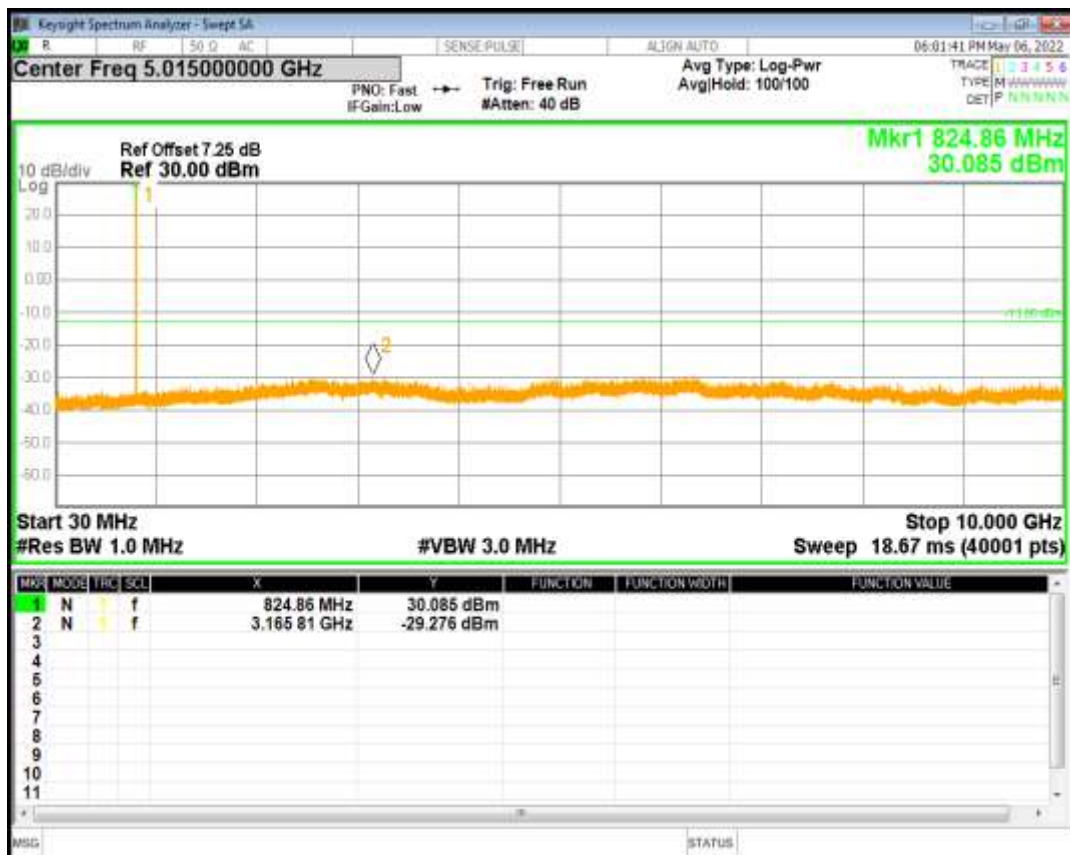
EGPRS1900 Channel=661



EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=190



EGPRS850 Channel=251



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	28.93	0	26.78	37	28.93	37	PASS
GPRS1900 1 Slot	661	1880	29.11	0	26.96	37	29.11	37	PASS
GPRS1900 1 Slot	810	1909.8	29.06	0	26.91	37	29.06	37	PASS
GPRS1900 2 Slot	512	1850.2	28.35	0	26.20	37	28.35	37	PASS
GPRS1900 2 Slot	661	1880	28.53	0	26.38	37	28.53	37	PASS
GPRS1900 2 Slot	810	1909.8	28.44	0	26.29	37	28.44	37	PASS
GPRS1900 3 Slot	512	1850.2	26.72	0	24.57	37	26.72	37	PASS
GPRS1900 3 Slot	661	1880	26.90	0	24.75	37	26.90	37	PASS
GPRS1900 3 Slot	810	1909.8	26.89	0	24.74	37	26.89	37	PASS
GPRS1900 4 Slot	512	1850.2	25.72	0	23.57	37	25.72	37	PASS
GPRS1900 4 Slot	661	1880	25.88	0	23.73	37	25.88	37	PASS
GPRS1900 4 Slot	810	1909.8	25.83	0	23.68	37	25.83	37	PASS
GPRS850 1 Slot	128	824.2	32.60	0	30.45	37	32.60	37	PASS
GPRS850 1 Slot	190	836.6	32.50	0	30.35	37	32.50	37	PASS
GPRS850 1 Slot	251	848.8	32.54	0	30.39	37	32.54	37	PASS
GPRS850 2 Slot	128	824.2	0.00	0	-2.15	37	0.00	37	PASS
GPRS850 2 Slot	190	836.6	32.00	0	29.85	37	32.00	37	PASS
GPRS850 2 Slot	251	848.8	32.01	0	29.86	37	32.01	37	PASS
GPRS850 3 Slot	128	824.2	30.59	0	28.44	37	30.59	37	PASS
GPRS850 3 Slot	190	836.6	30.47	0	28.32	37	30.47	37	PASS
GPRS850 3 Slot	251	848.8	30.45	0	28.30	37	30.45	37	PASS

GPRS850 4 Slot	128	824.2	29.58	0	27.43	37	29.58	37	PASS
GPRS850 4 Slot	190	836.6	29.51	0	27.36	37	29.51	37	PASS
GPRS850 4 Slot	251	848.8	29.46	0	27.31	37	29.46	37	PASS

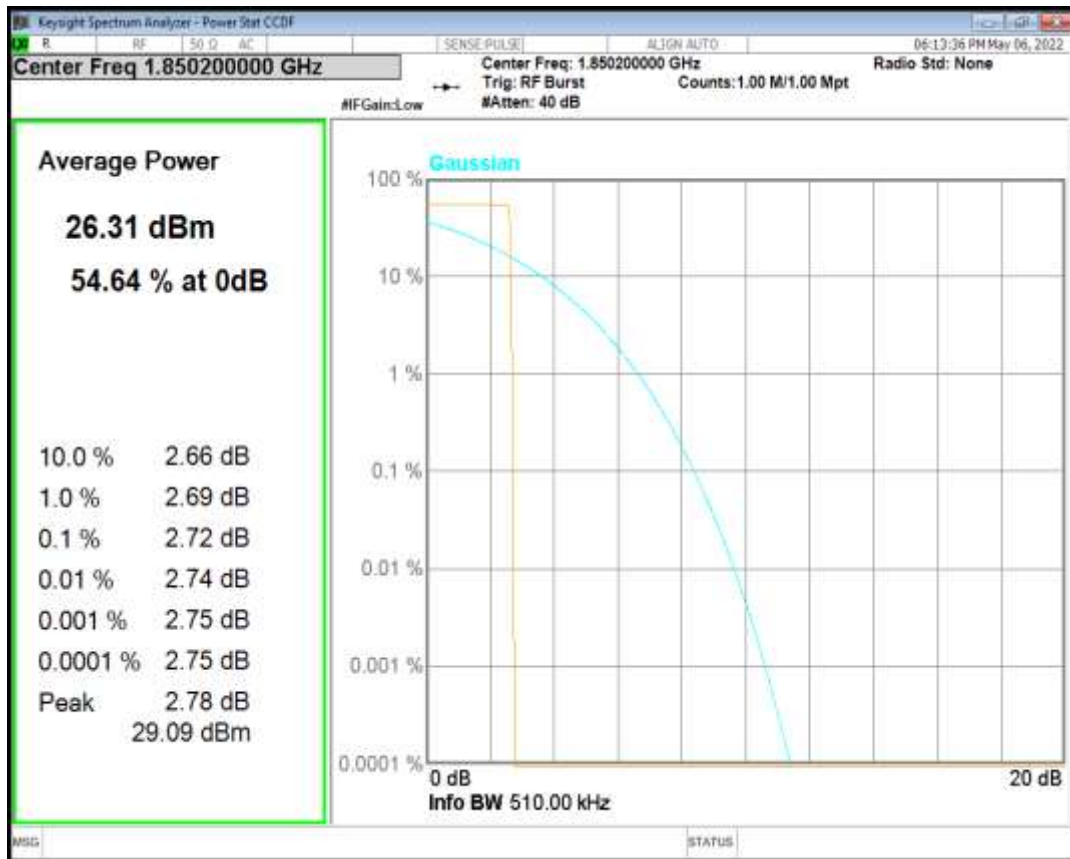
08 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GPRS1900	512	1850.2	26.11925	0.01	-2.500	2.5	PASS
GPRS1900	661	1880	21.11495	0.01	-2.500	2.5	PASS
GPRS1900	810	1909.8	11.84891	0.01	-2.500	2.5	PASS
GPRS850	128	824.2	14.85149	0.02	-2.500	2.5	PASS
GPRS850	190	836.6	7.490317	0.01	-2.500	2.5	PASS
GPRS850	251	848.8	11.26776	0.01	-2.500	2.5	PASS

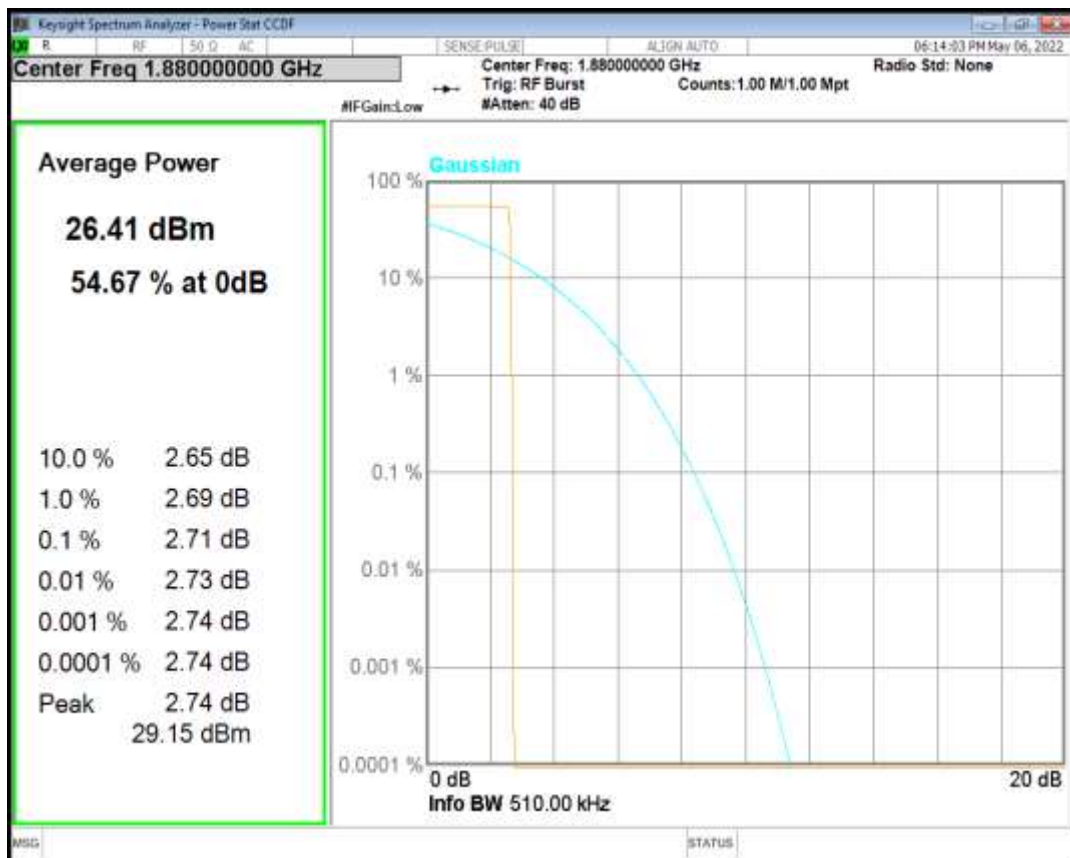
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.721103542	13.00	PASS
GPRS1900	661	1880	2.713488121	13.00	PASS
GPRS1900	810	1909.8	2.709142857	13.00	PASS
GPRS850	128	824.2	2.72529016	13.00	PASS
GPRS850	190	836.6	2.719431579	13.00	PASS
GPRS850	251	848.8	2.728657265	13.00	PASS

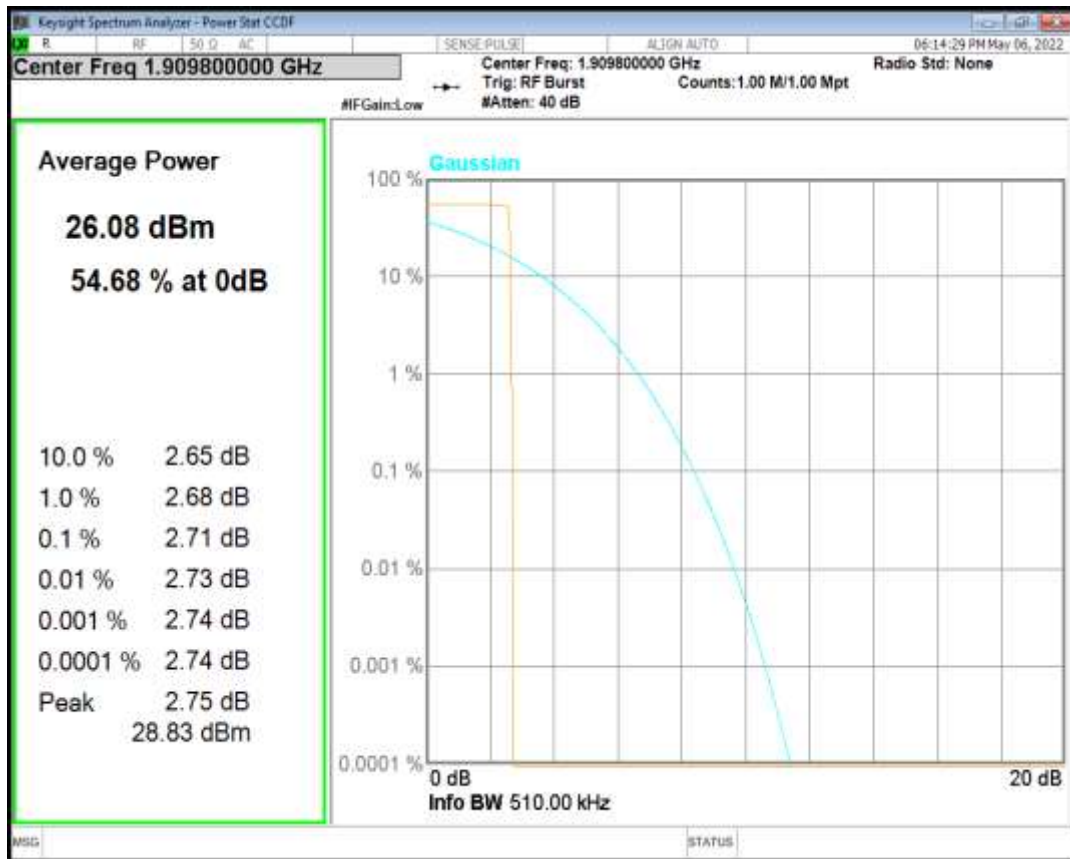
GPRS1900 Channel=512



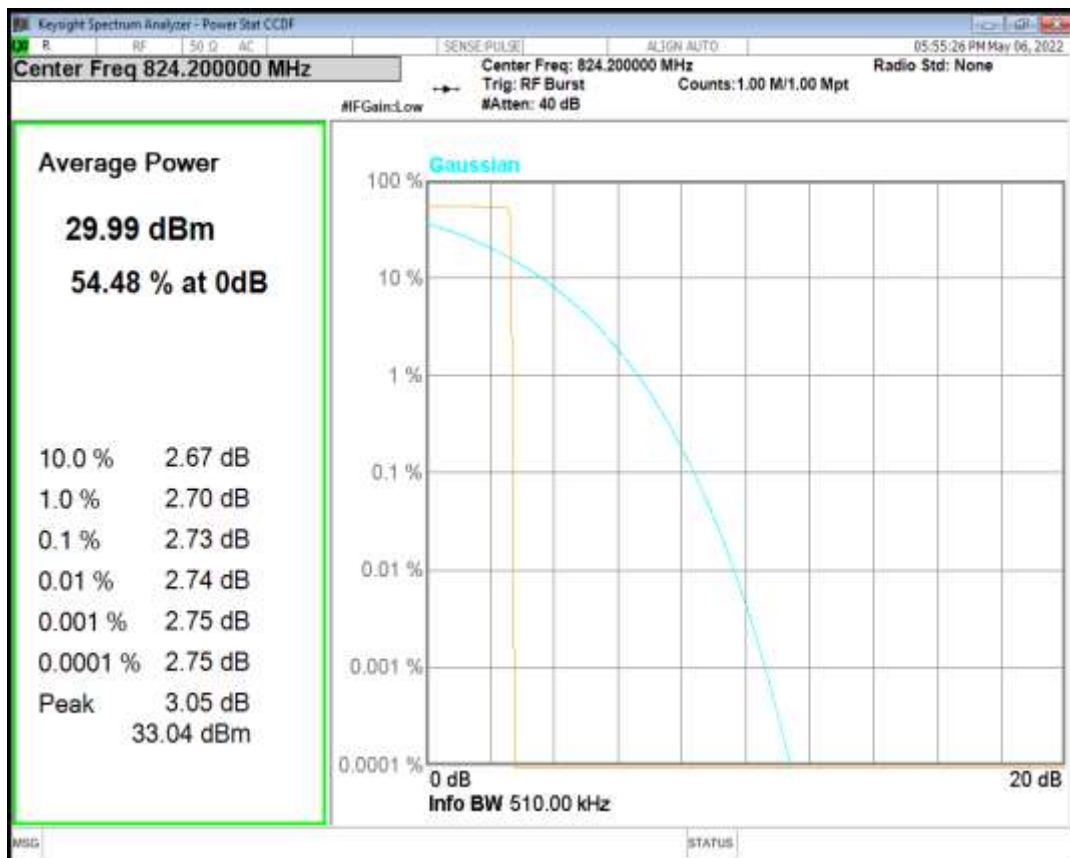
GPRS1900 Channel=661



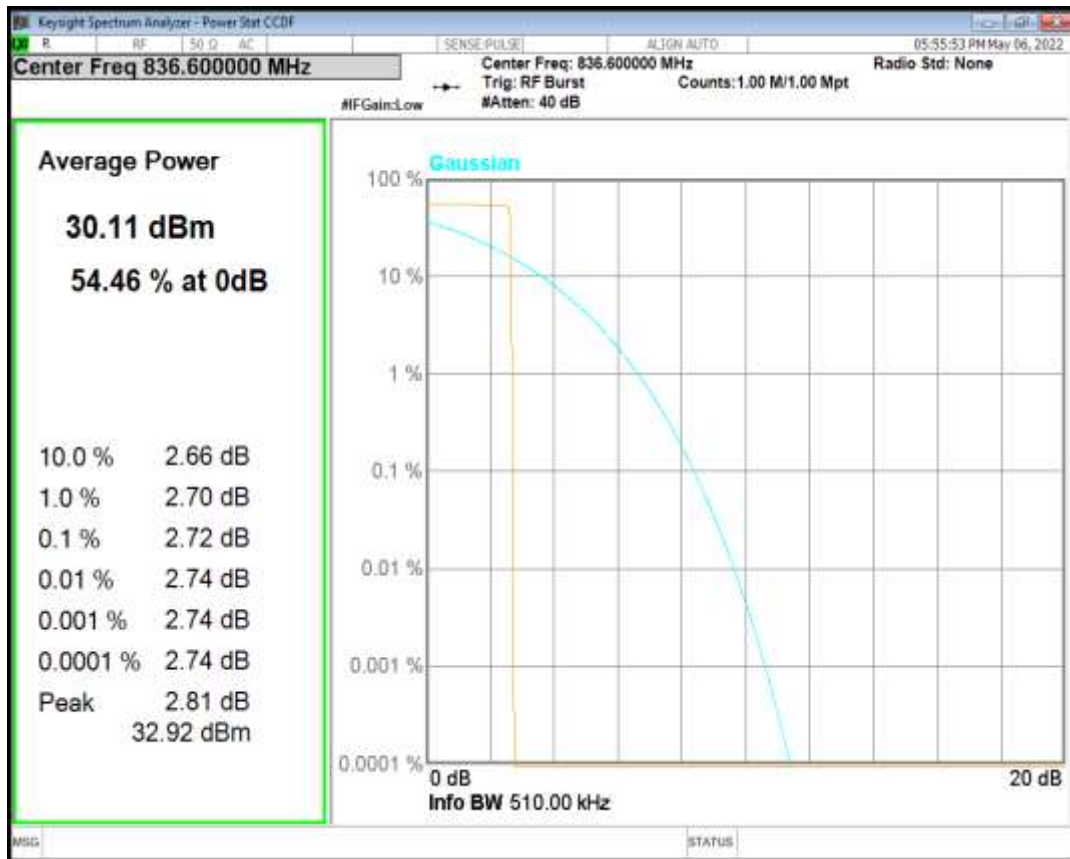
GPRS1900 Channel=810



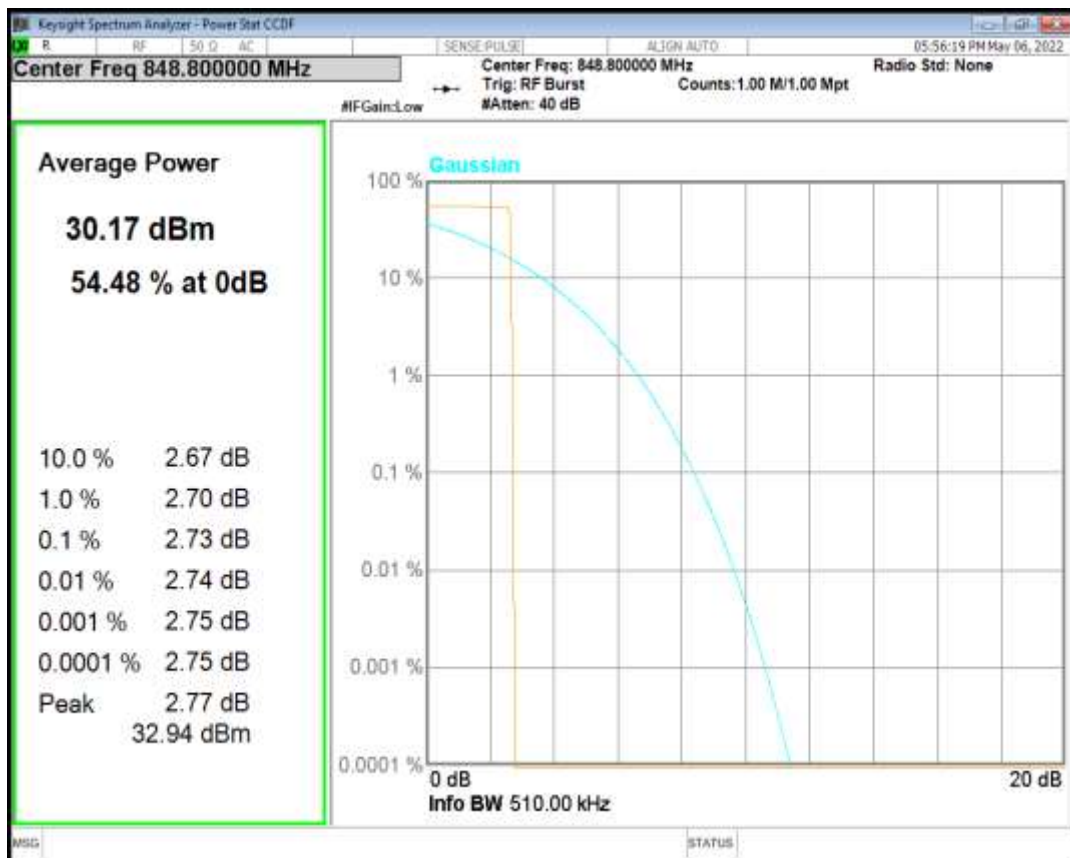
GPRS850 Channel=128



GPRS850 Channel=190



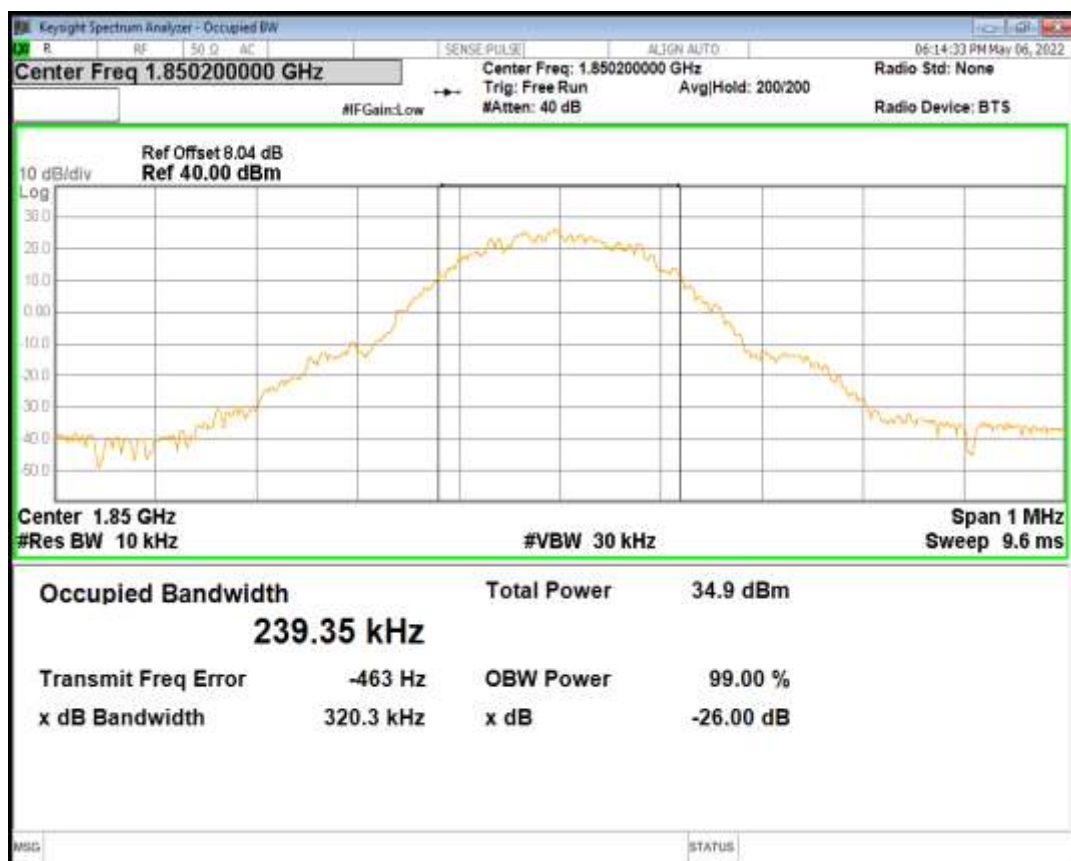
GPRS850 Channel=251



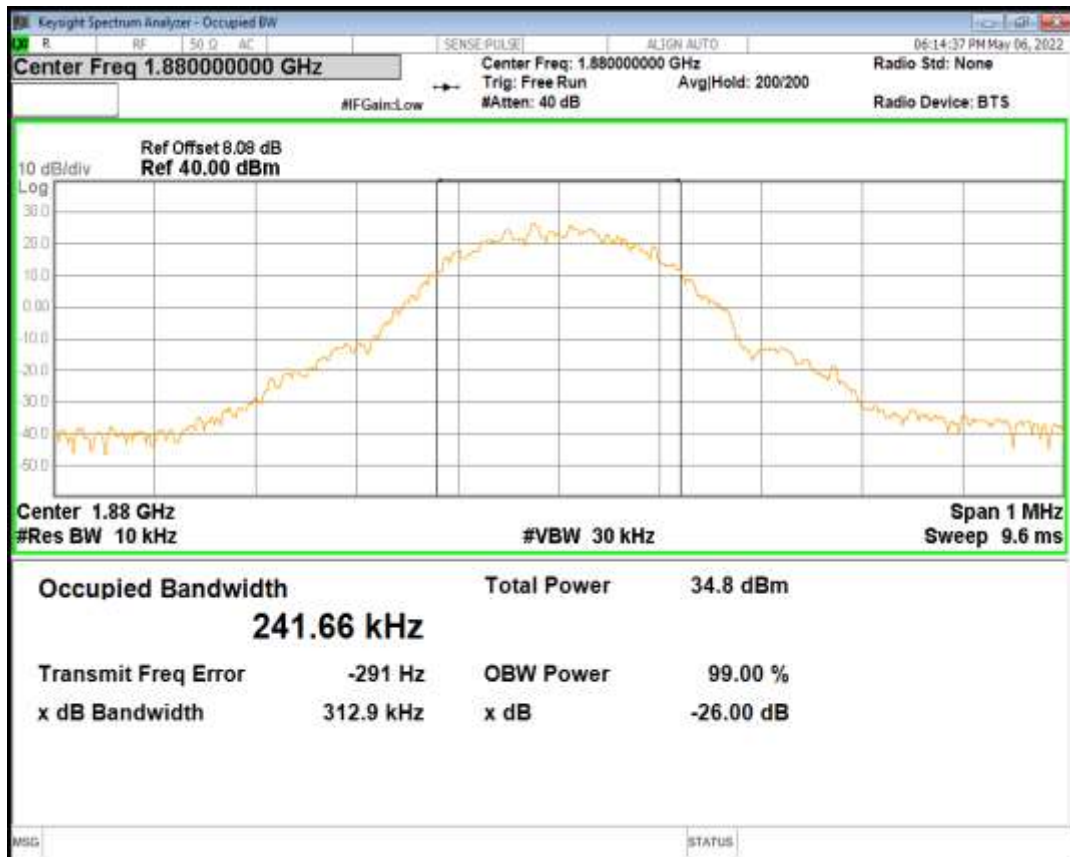
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	239.351	320.294	PASS
GPRS1900	661	1880	241.659	312.897	PASS
GPRS1900	810	1909.8	250.833	322.409	PASS
GPRS850	128	824.2	241.514	294.961	PASS
GPRS850	190	836.6	245.049	315.030	PASS
GPRS850	251	848.8	246.163	319.168	PASS

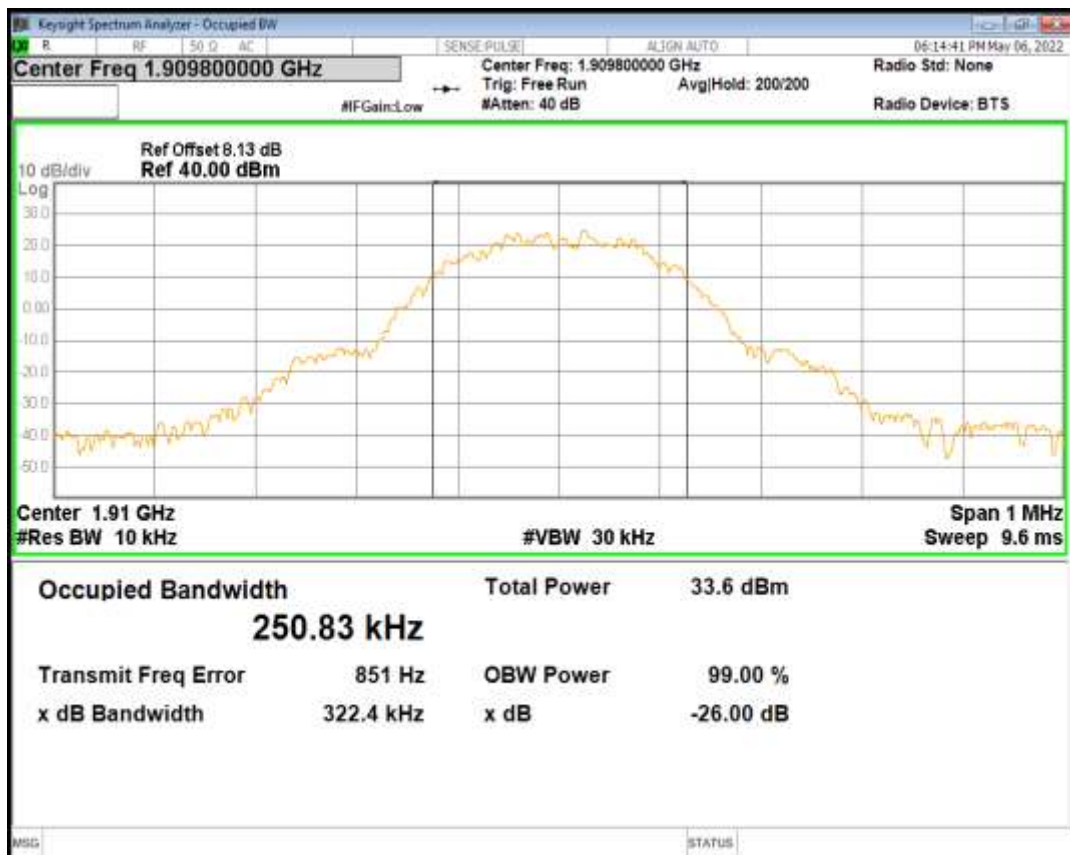
GPRS1900 Channel=512



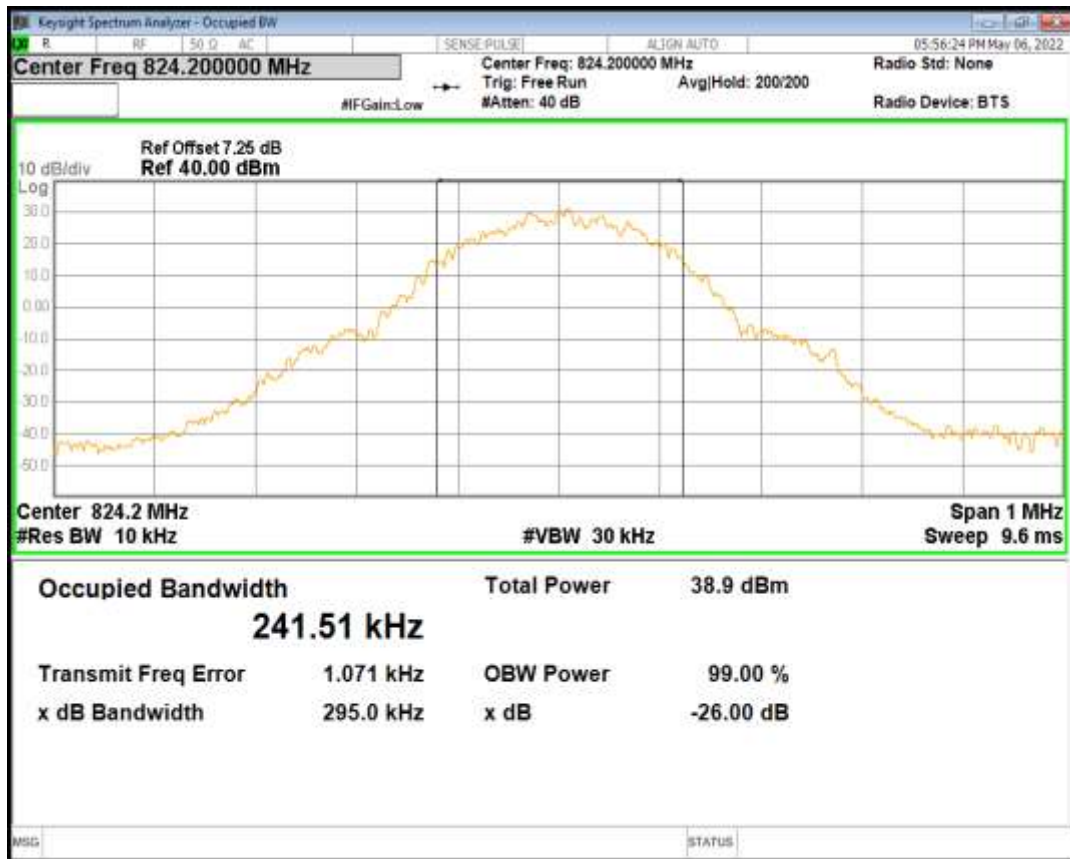
GPRS1900 Channel=661



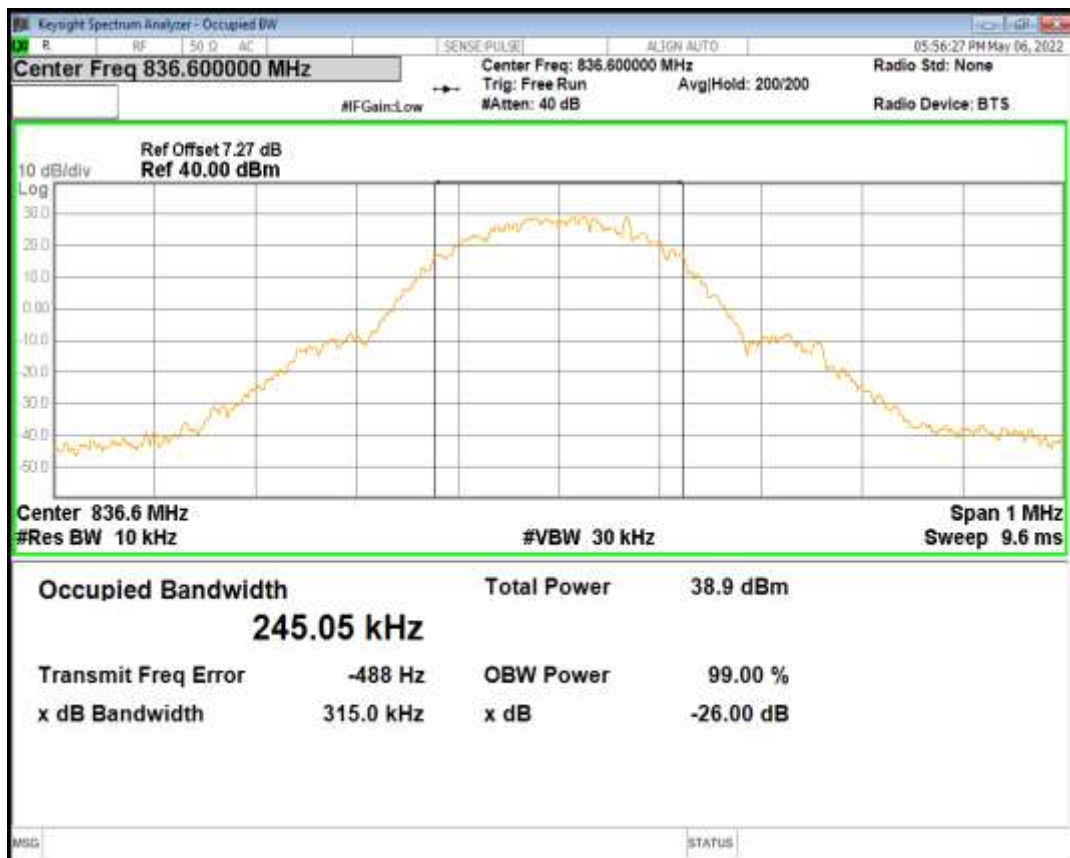
GPRS1900 Channel=810



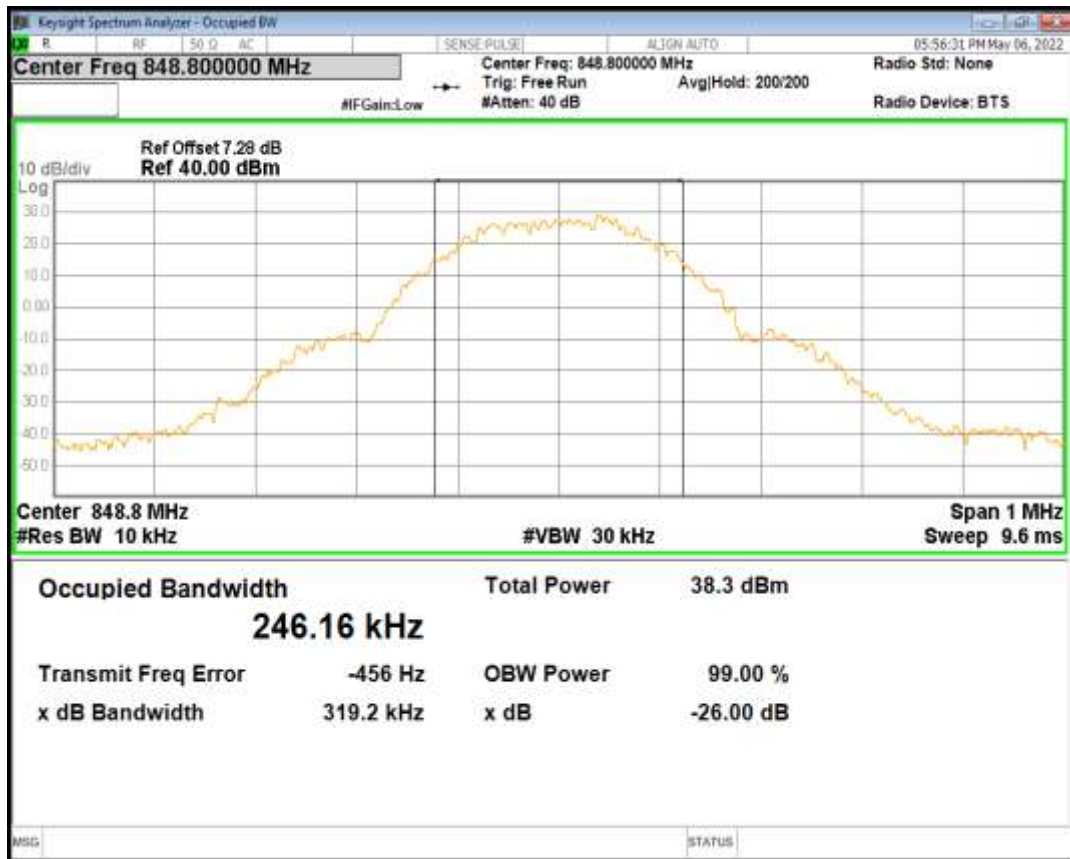
GPRS850 Channel=128



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	-31.77	-13	PASS
GPRS1900	810	1909.8	1910.03	-31.52	-13	PASS
GPRS850	128	824.2	823.99	-26.80	-13	PASS
GPRS850	251	848.8	849.01	-28.06	-13	PASS

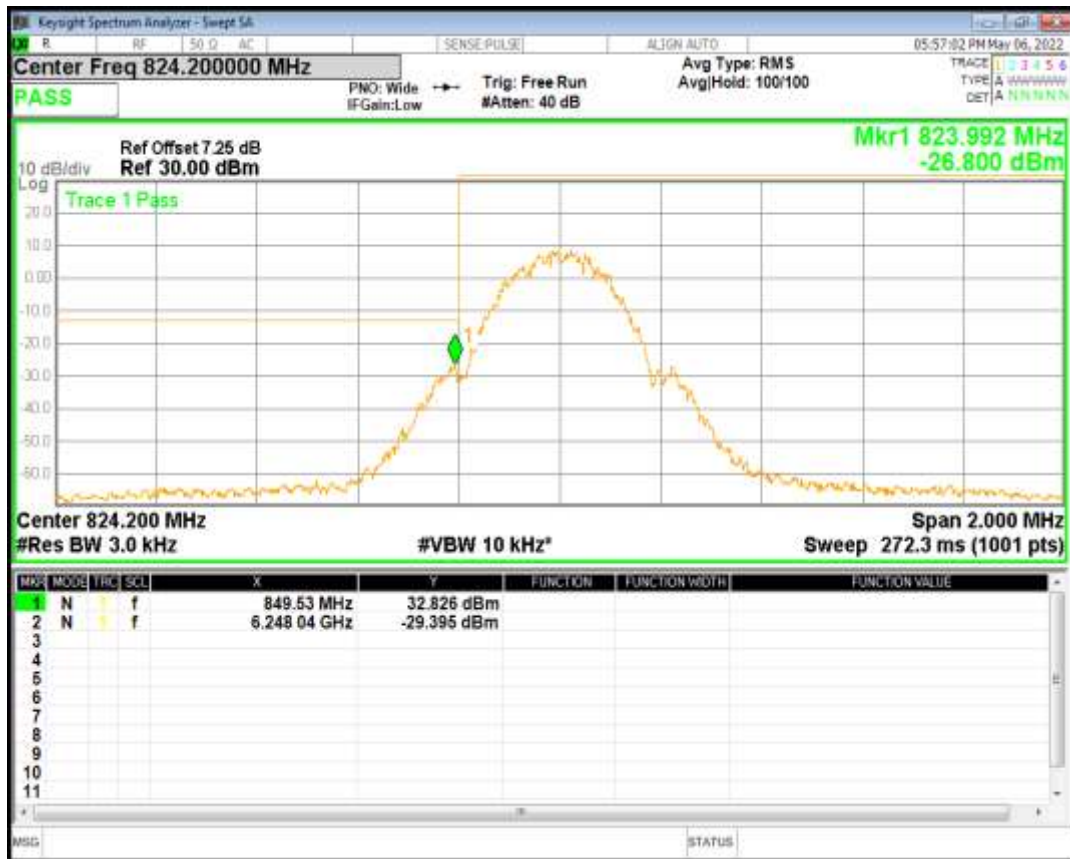
GPRS1900 Channel=512



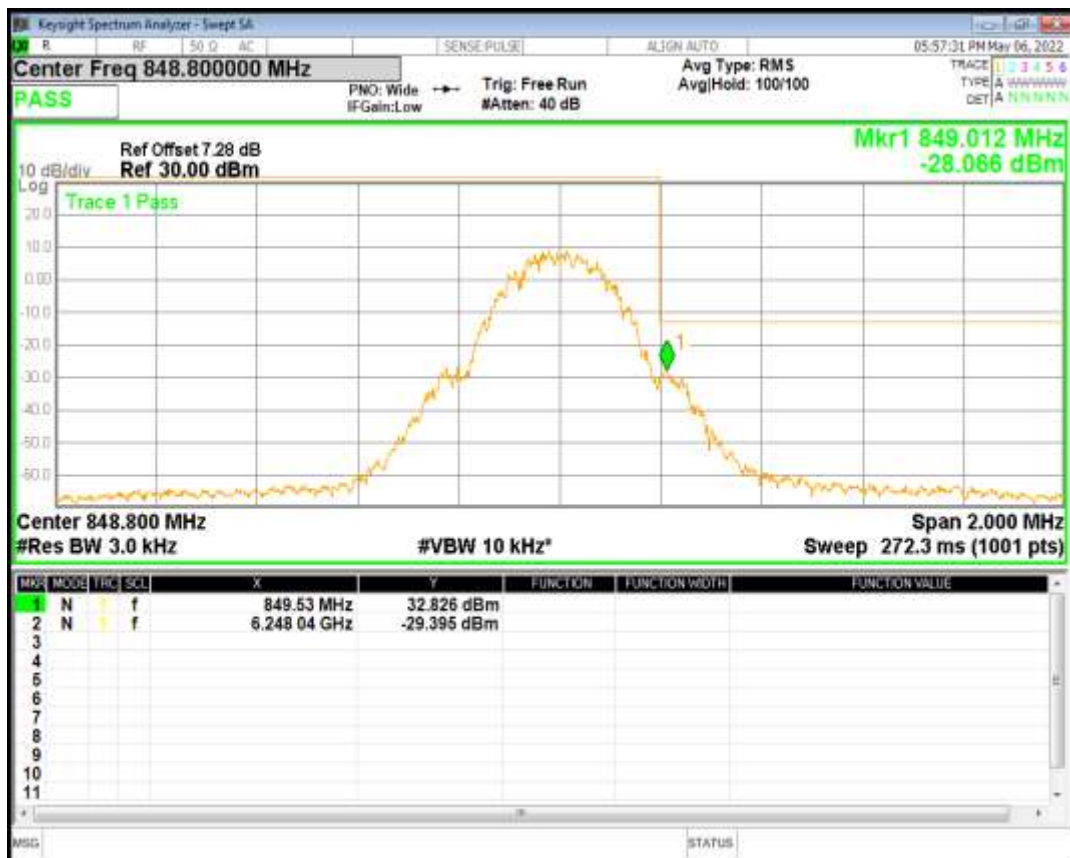
GPRS1900 Channel=810



GPRS850 Channel=128



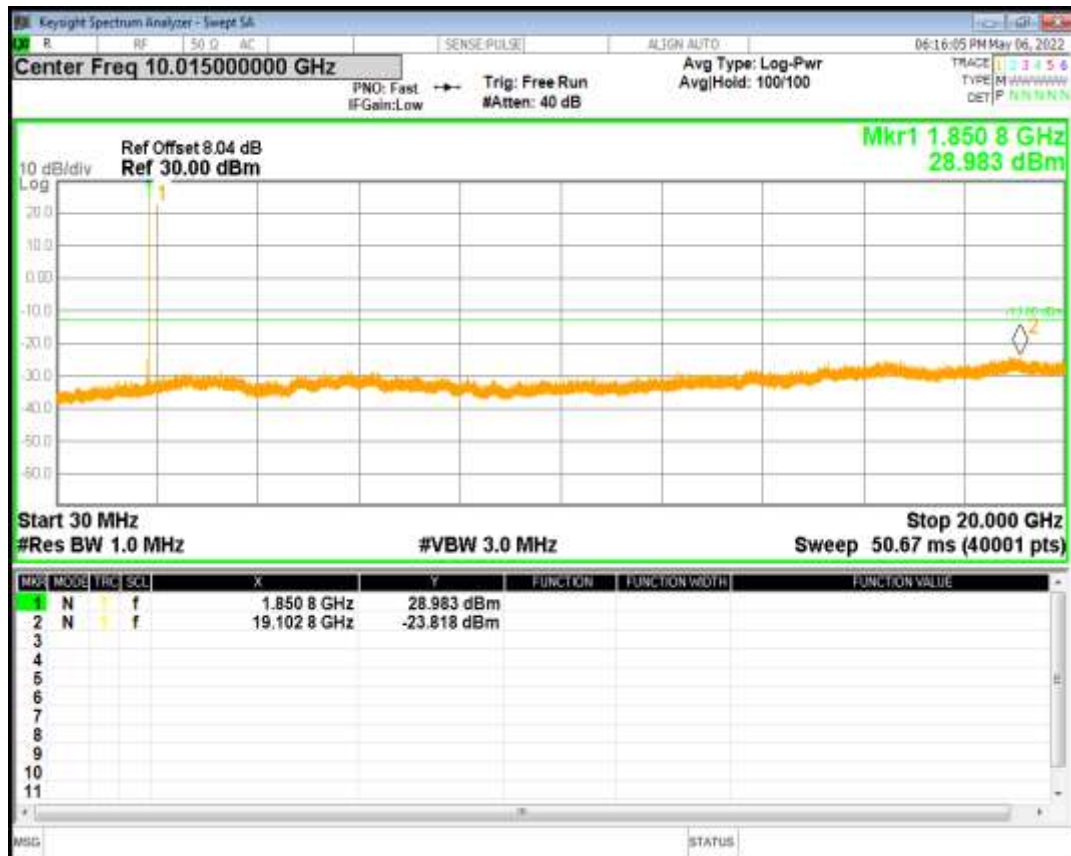
GPRS850 Channel=251



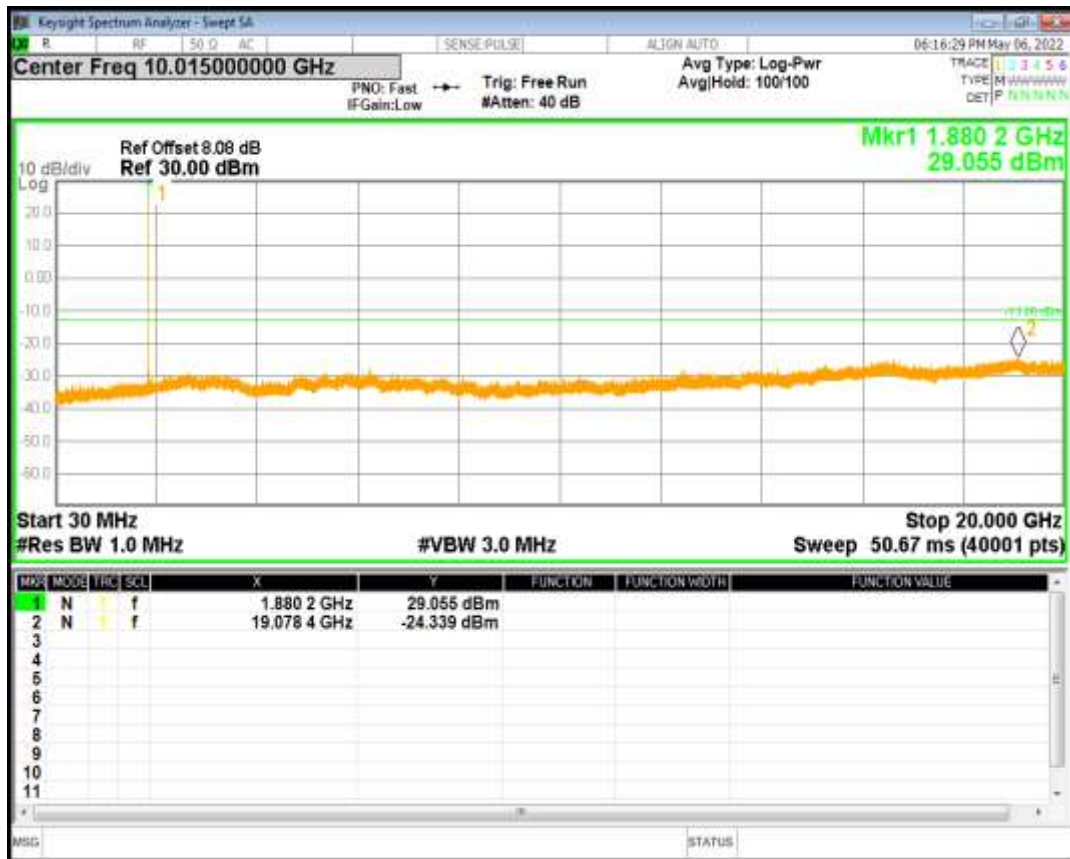
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	19102.85	-23.81	-13	PASS
GPRS1900	661	1880	19078.38	-24.33	-13	PASS
GPRS1900	810	1909.8	1915.17	-19.23	-13	PASS
GPRS850	128	824.2	6318.58	-28.75	-13	PASS
GPRS850	190	836.6	6328.30	-29.47	-13	PASS
GPRS850	251	848.8	3064.37	-29.70	-13	PASS

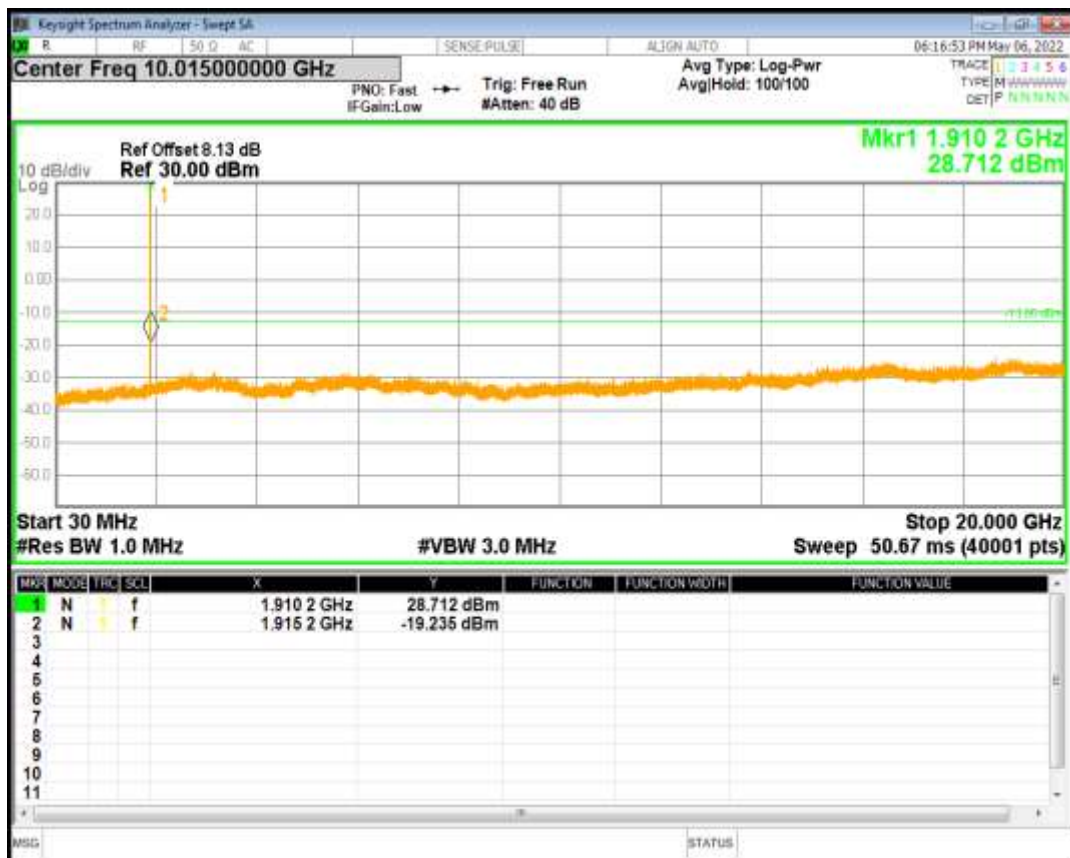
GPRS1900 Channel=512



GPRS1900 Channel=661



GPRS1900 Channel=810



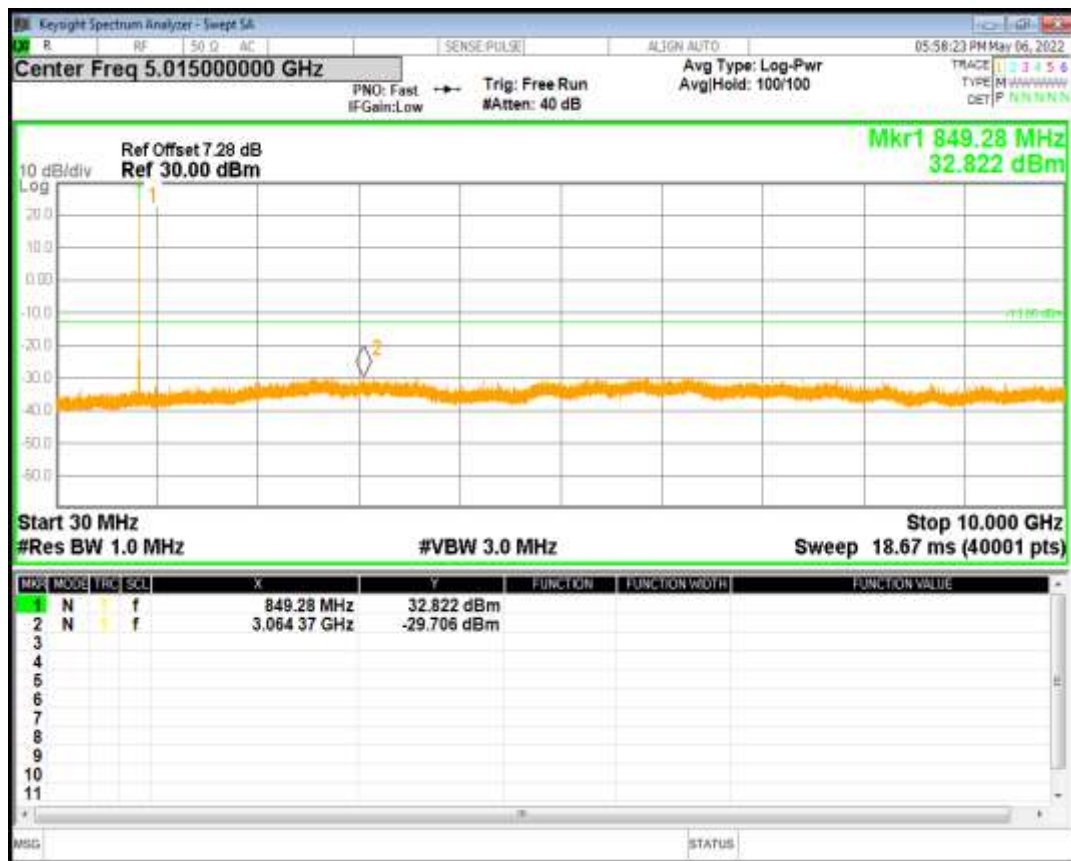
GPRS850 Channel=128



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	28.96	0	26.81	37	28.96	37	PASS
GSM1900	661	1880	29.13	0	26.98	37	29.13	37	PASS
GSM1900	810	1909.8	29.07	0	26.92	37	29.07	37	PASS
GSM850	128	824.2	32.59	0	30.44	37	32.59	37	PASS
GSM850	190	836.6	32.49	0	30.34	37	32.49	37	PASS
GSM850	251	848.8	32.55	0	30.40	37	32.55	37	PASS

02 Frequency stability

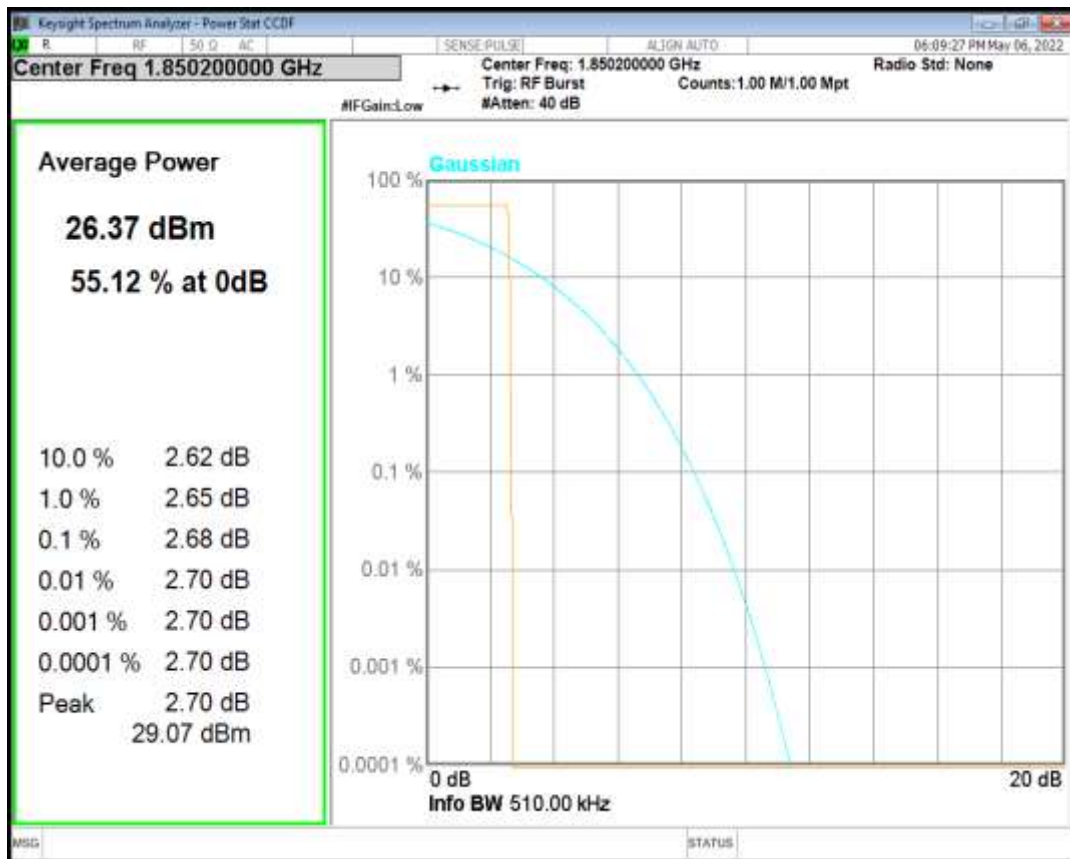
Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GSM1900	512	1850.2	11.04	0.006	-2.5	2.5	PASS
GSM1900	661	1880	18.47	0.010	-2.5	2.5	PASS
GSM1900	810	1909.8	10.07	0.005	-2.5	2.5	PASS
GSM850	128	824.2	13.75	0.017	-2.5	2.5	PASS
GSM850	190	836.6	9.40	0.011	-2.5	2.5	PASS
GSM850	251	848.8	8.65	0.010	-2.5	2.5	PASS

03 Peak-to-Average Ratio

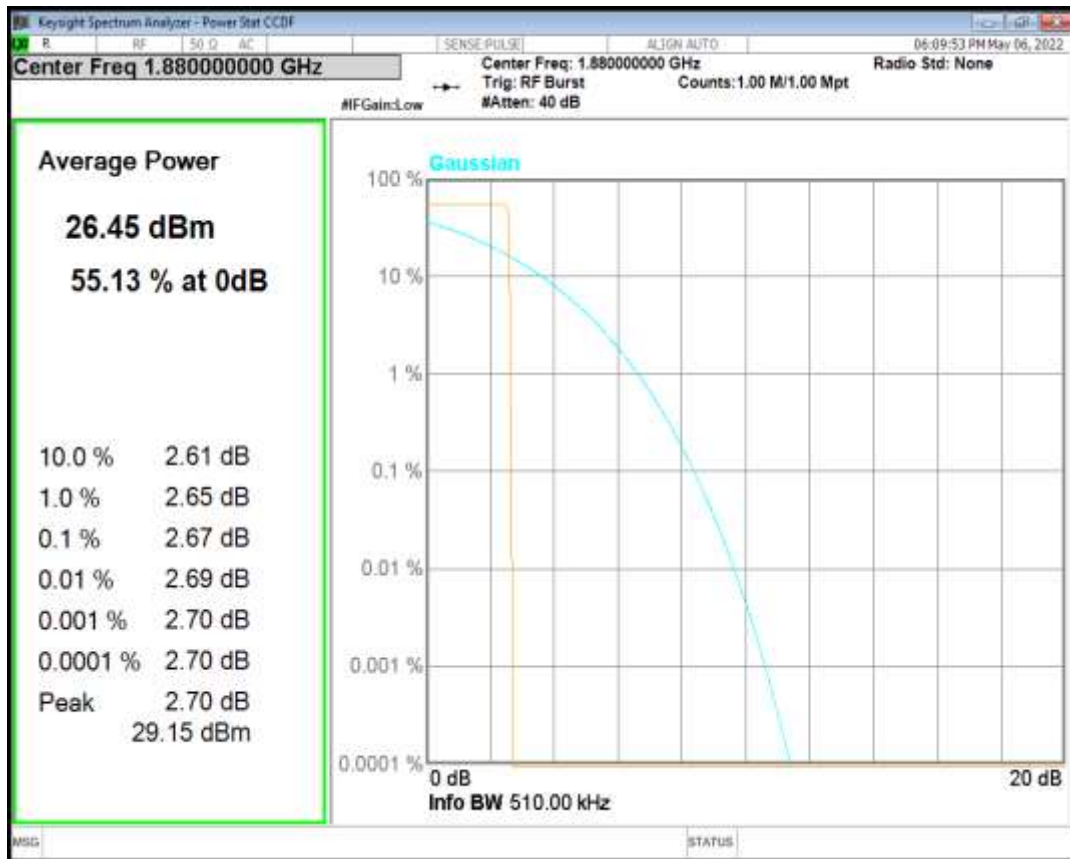
Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.68	13	PASS
GSM1900	661	1880	2.67	13	PASS

GSM1900	810	1909.8	2.67	13	PASS
GSM850	128	824.2	2.68	13	PASS
GSM850	190	836.6	2.69	13	PASS
GSM850	251	848.8	2.68	13	PASS

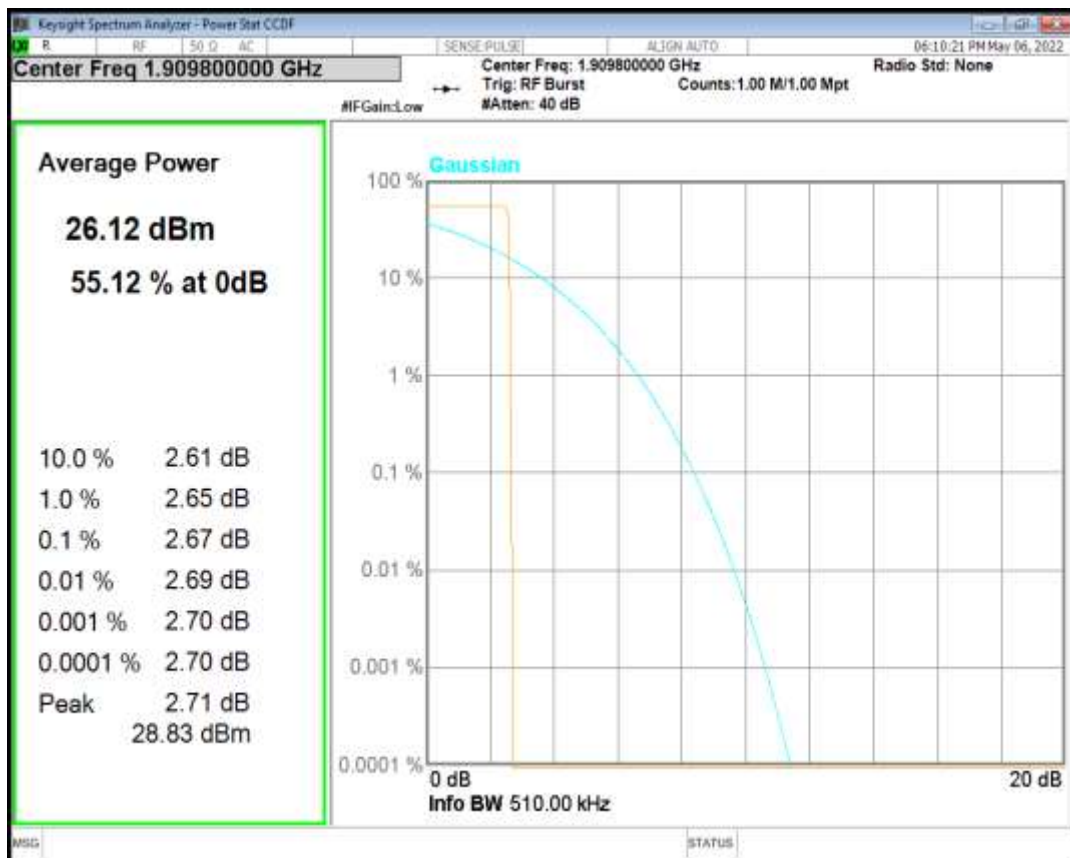
GSM1900 Channel=512



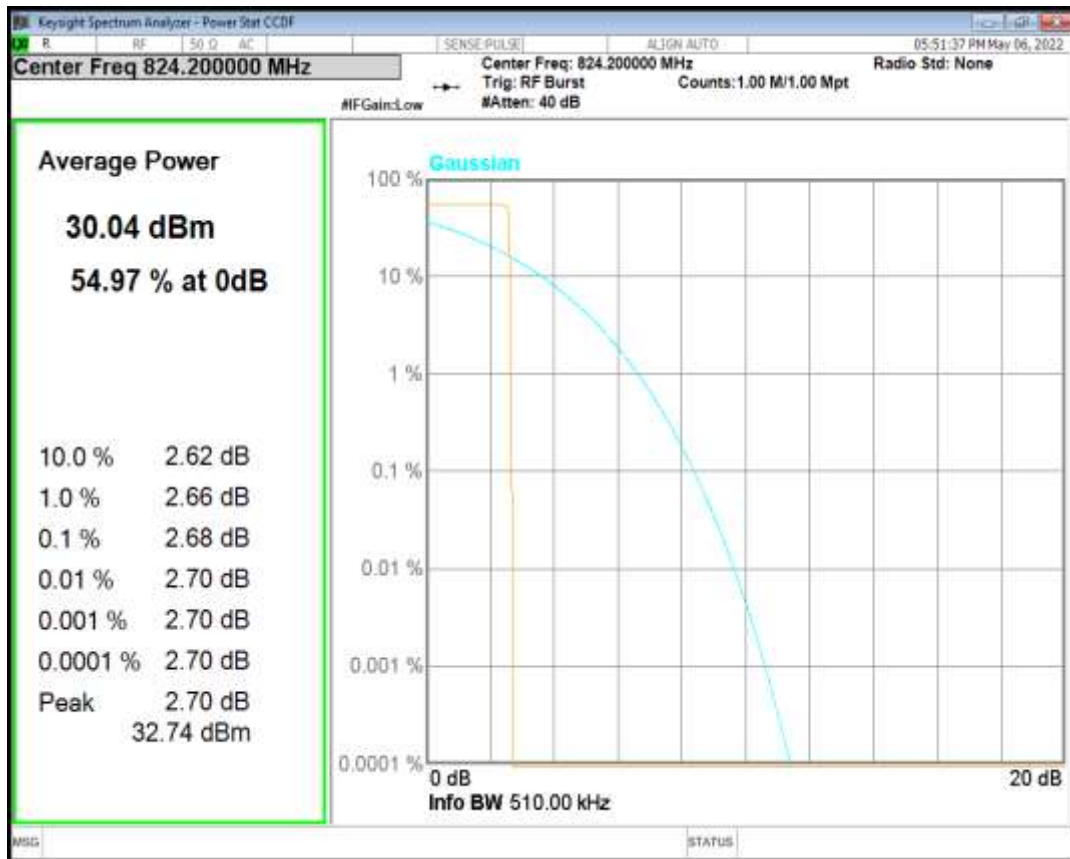
GSM1900 Channel=661



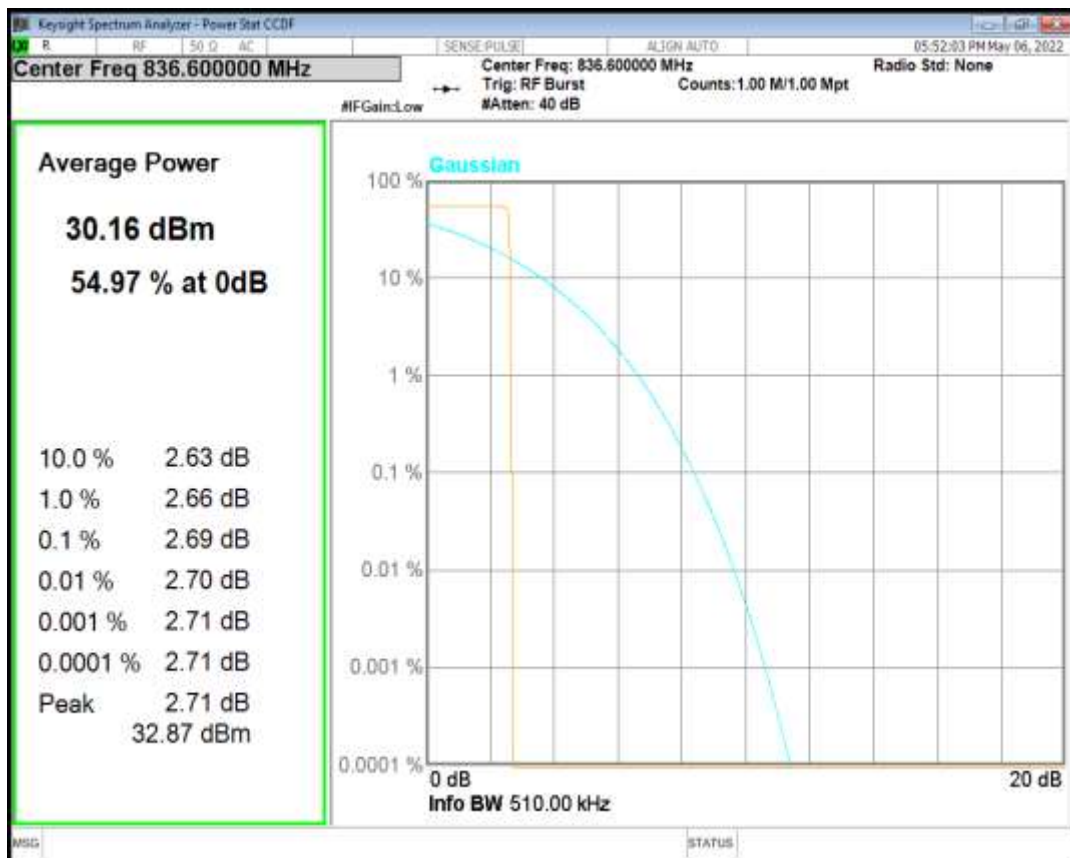
GSM1900 Channel=810



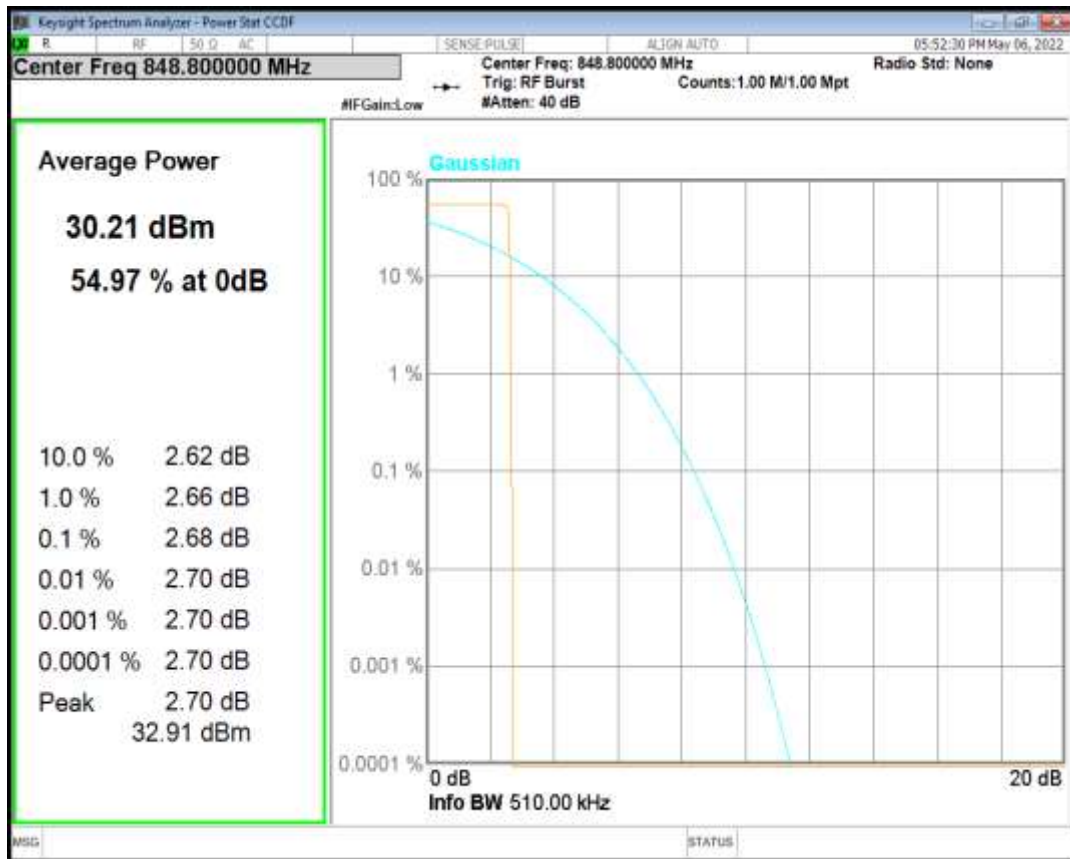
GSM850 Channel=128



GSM850 Channel=190



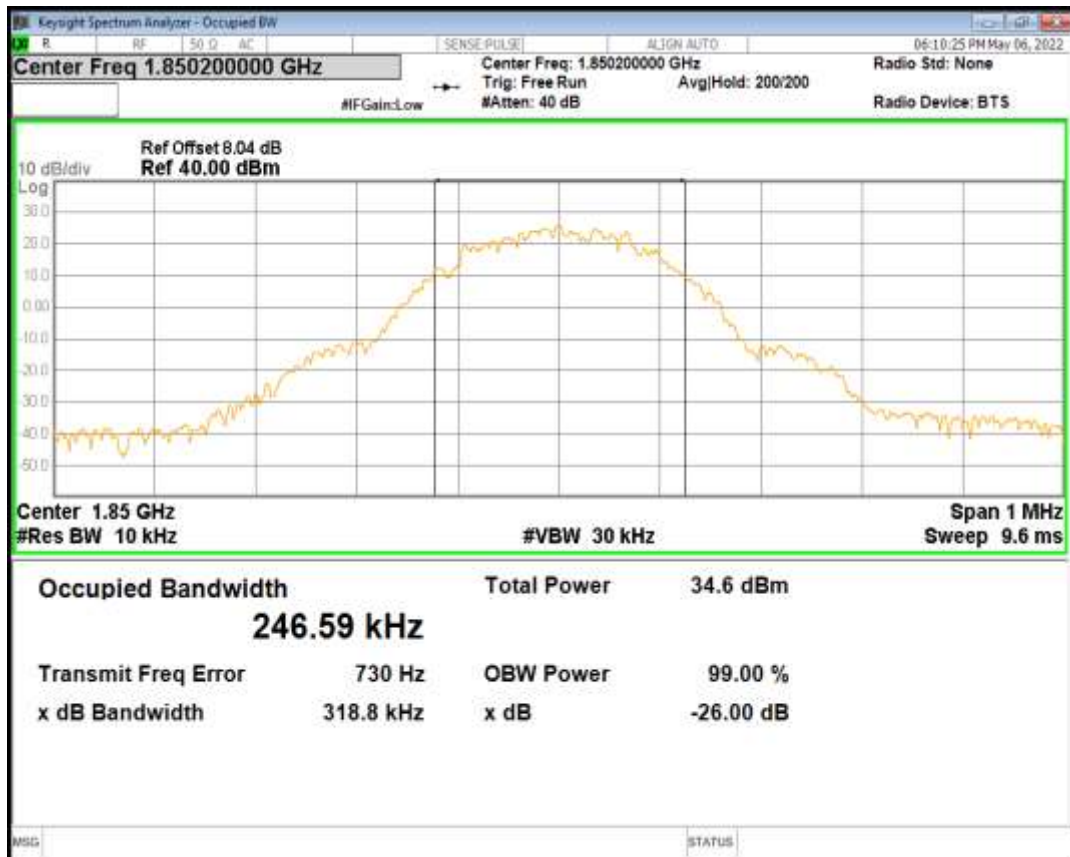
GSM850 Channel=251



04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	246.595	318.816	PASS
GSM1900	661	1880	247.877	316.954	PASS
GSM1900	810	1909.8	242.326	316.428	PASS
GSM850	128	824.2	245.576	319.241	PASS
GSM850	190	836.6	246.390	312.469	PASS
GSM850	251	848.8	239.709	313.625	PASS

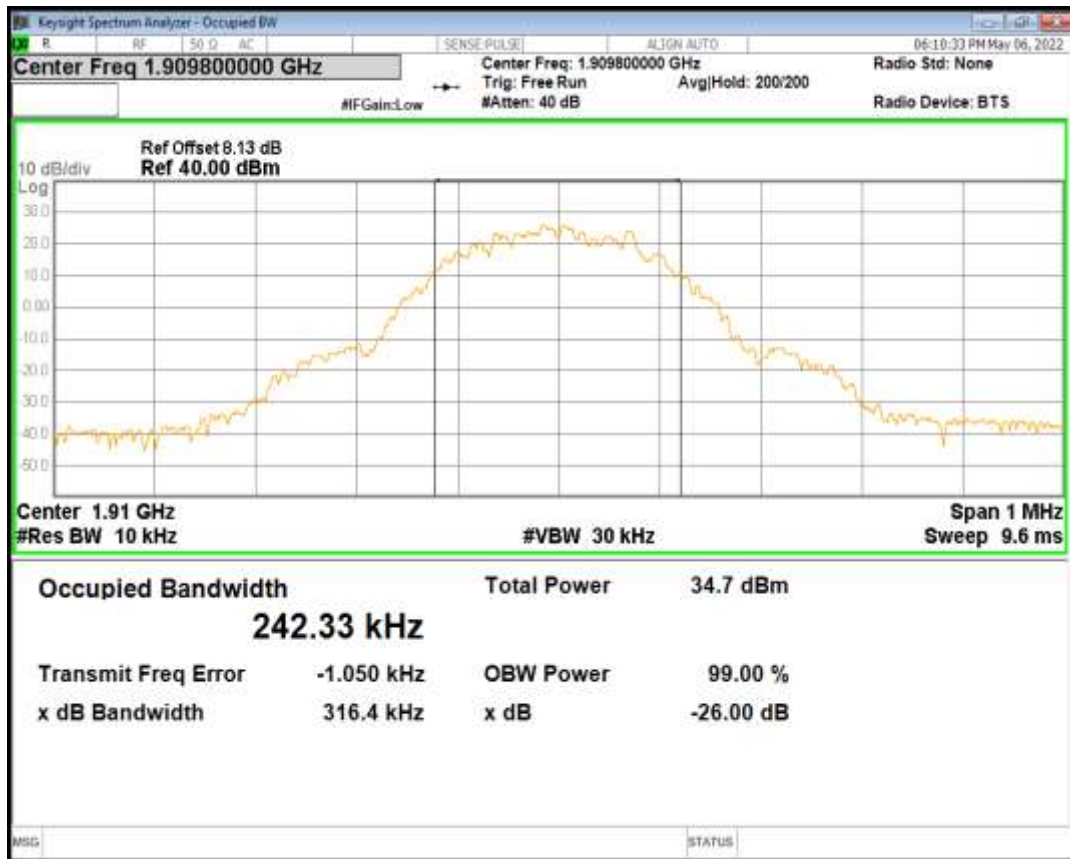
GSM1900 Channel=512



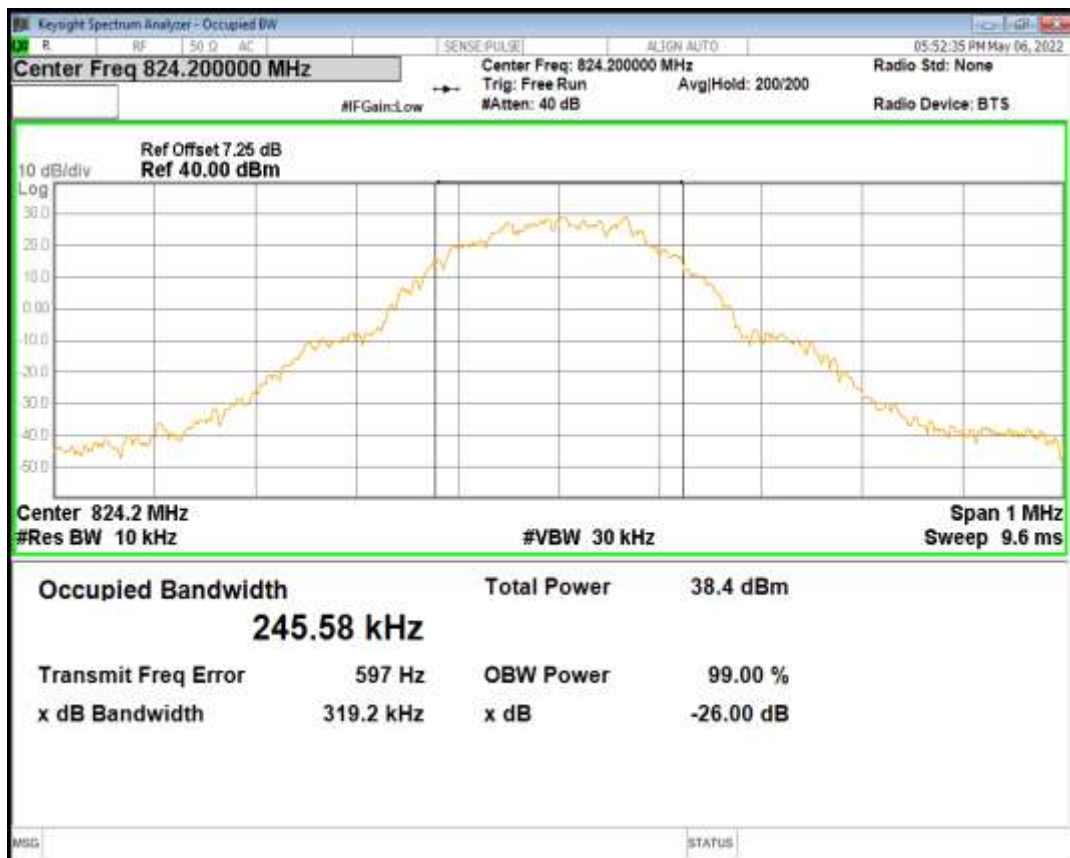
GSM1900 Channel=661



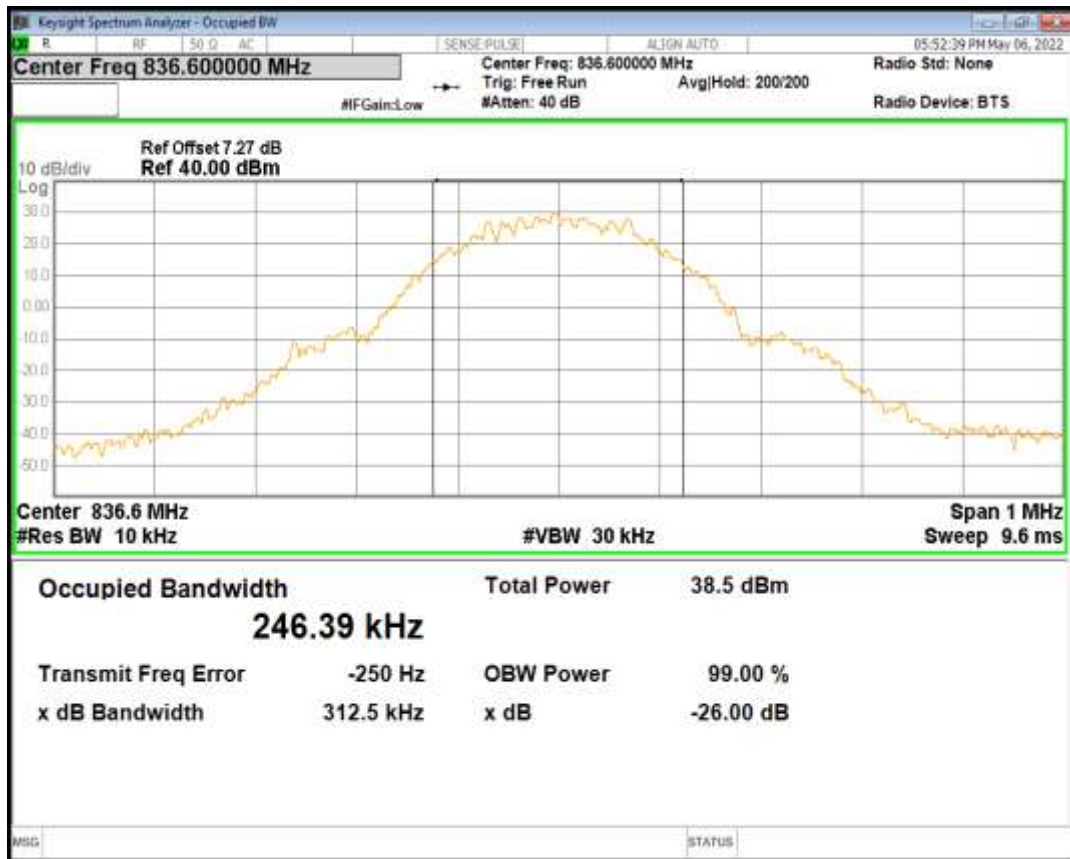
GSM1900 Channel=810



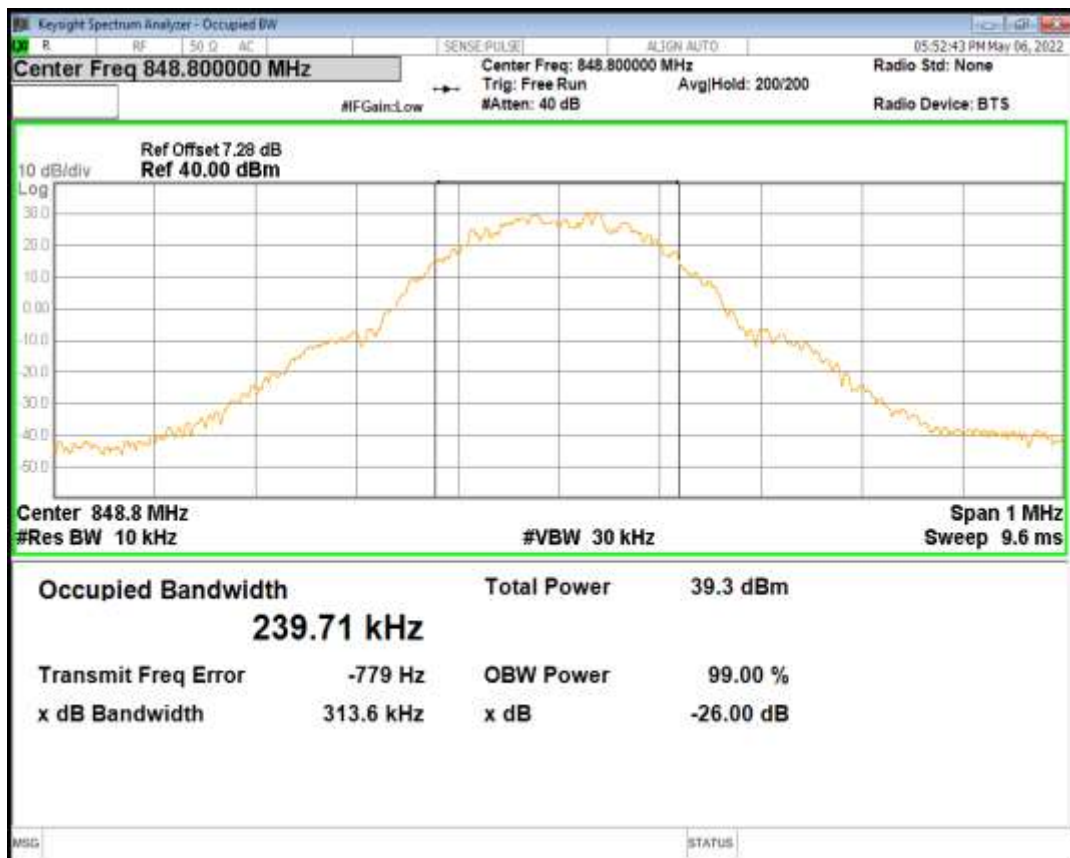
GSM850 Channel=128



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	-30.93	-13	PASS
GSM1900	810	1909.8	1910.02	-30.34	-13	PASS
GSM850	128	824.2	824.00	-26.05	-13	PASS
GSM850	251	848.8	849.02	-25.83	-13	PASS

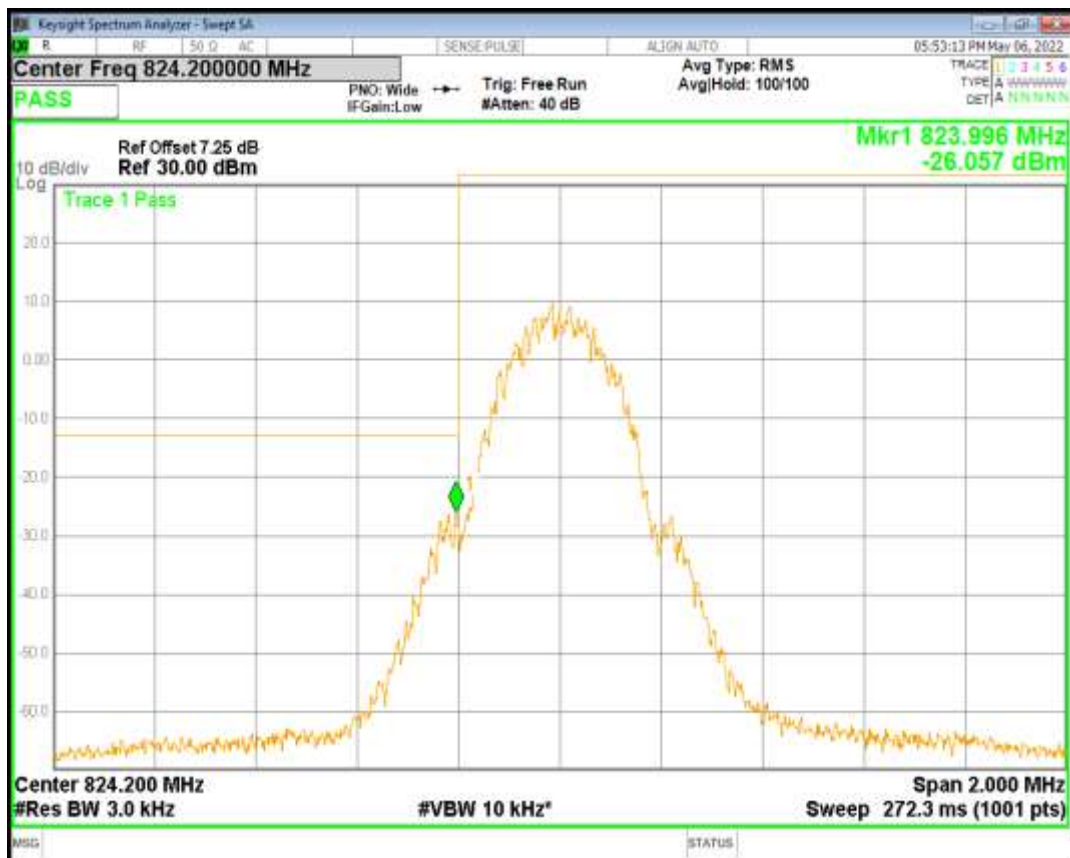
GSM1900 Channel=512



GSM1900 Channel=810



GSM850 Channel=128



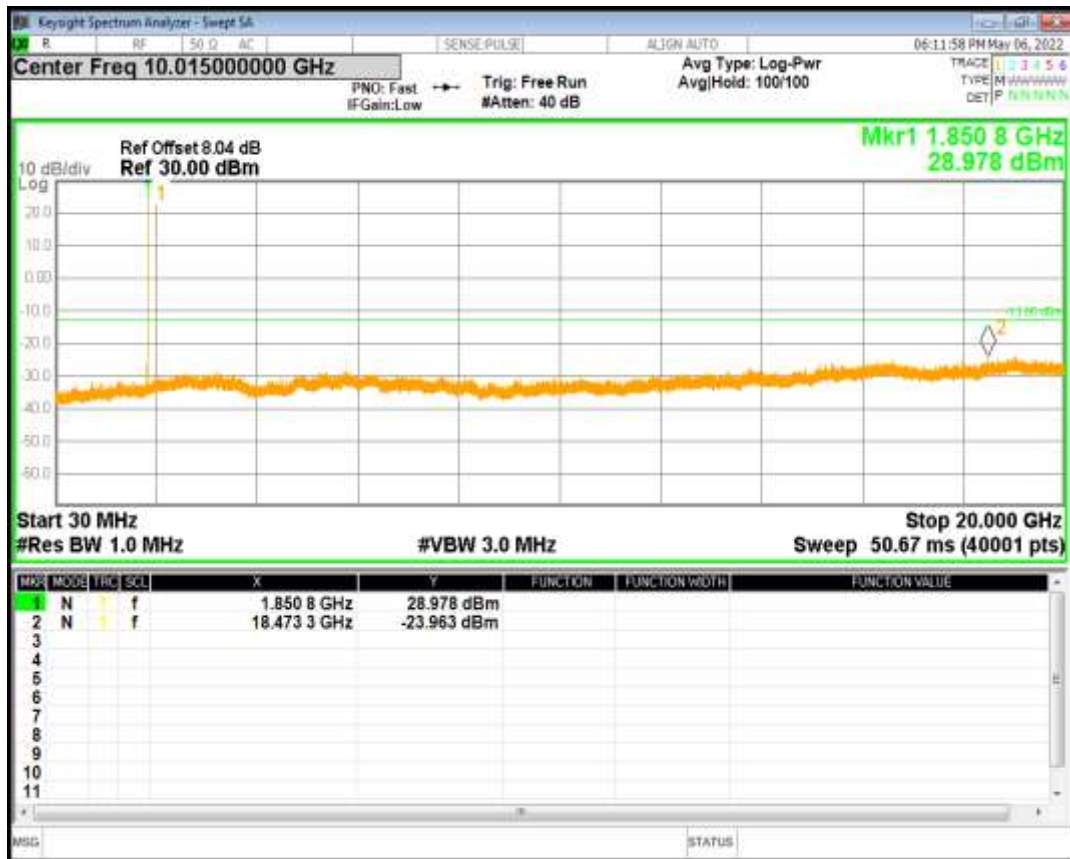
GSM850 Channel=251



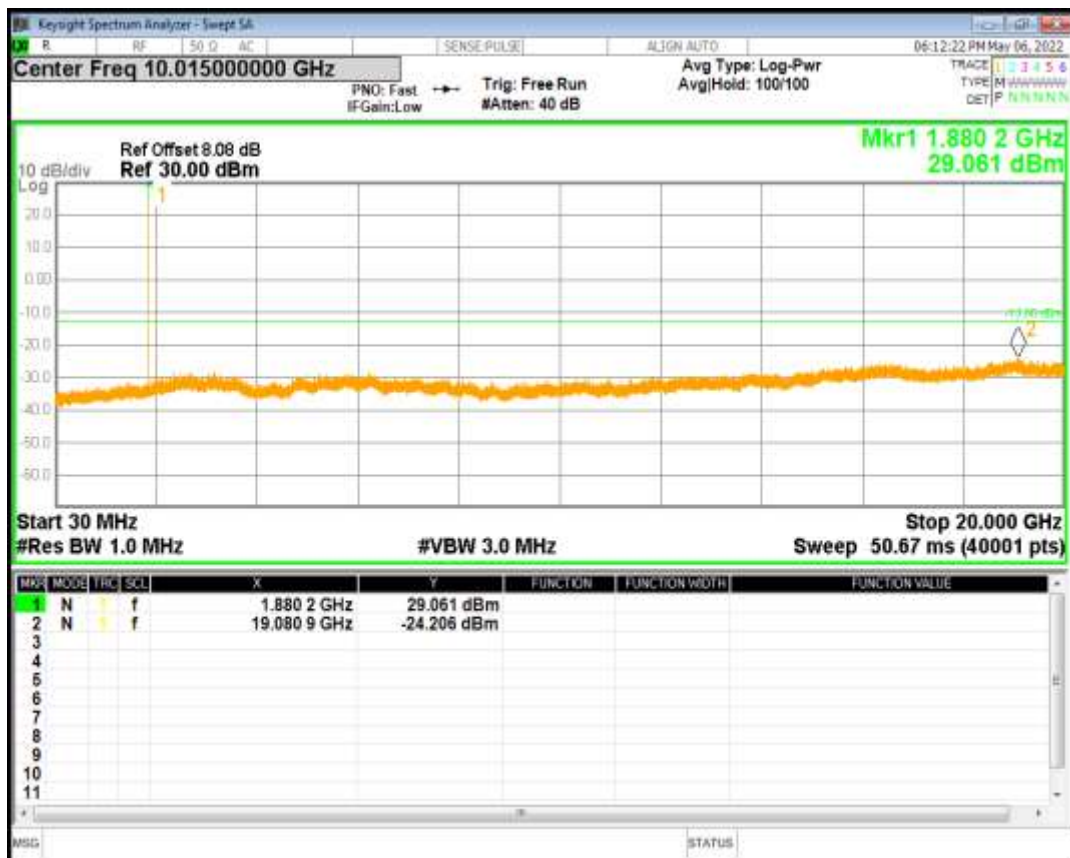
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	18473.29	-23.96	-13	PASS
GSM1900	661	1880	19080.88	-24.20	-13	PASS
GSM1900	810	1909.8	18989.52	-24.33	-13	PASS
GSM850	128	824.2	3181.52	-29.28	-13	PASS
GSM850	190	836.6	5791.16	-28.78	-13	PASS
GSM850	251	848.8	6248.04	-29.39	-13	PASS

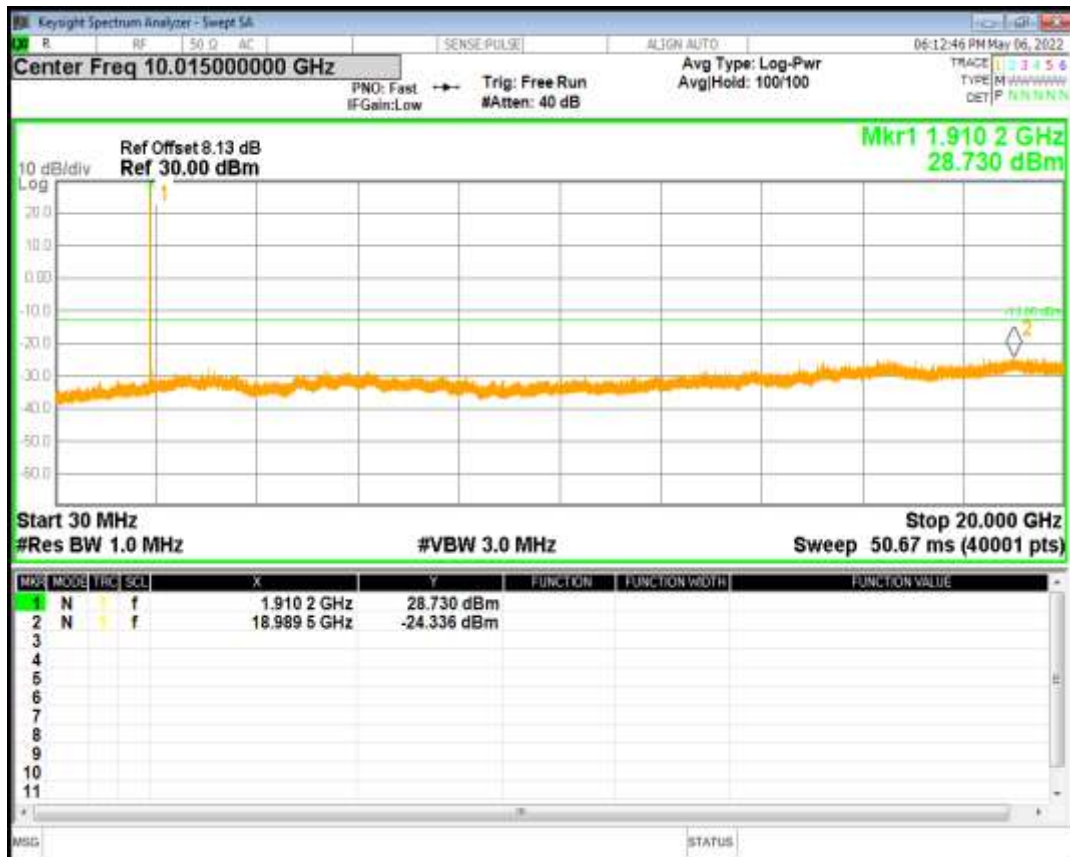
GSM1900 Channel=512



GSM1900 Channel=661



GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190

