

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
EGPRS1900 1 Slot	512	1850.2	24.96	0	24.96	33.01	PASS
EGPRS1900 1 Slot	661	1880	23.08	0	23.08	33.01	PASS
EGPRS1900 1 Slot	810	1909.8	20.35	0	20.35	33.01	PASS
EGPRS1900 2 Slot	512	1850.2	23.42	0	23.42	33.01	PASS
EGPRS1900 2 Slot	661	1880	21.86	0	21.86	33.01	PASS
EGPRS1900 2 Slot	810	1909.8	19.44	0	19.44	33.01	PASS
EGPRS1900 3 Slot	512	1850.2	21.28	0	21.28	33.01	PASS
EGPRS1900 3 Slot	661	1880	19.38	0	19.38	33.01	PASS
EGPRS1900 3 Slot	810	1909.8	17.26	0	17.26	33.01	PASS
EGPRS1900 4 Slot	512	1850.2	19.96	0	19.96	33.01	PASS
EGPRS1900 4 Slot	661	1880	17.78	0	17.78	33.01	PASS
EGPRS1900 4 Slot	810	1909.8	15.51	0	15.51	33.01	PASS
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
EGPRS850 1 Slot	128	824.2	29.23	0	27.08	38.45	PASS
EGPRS850 1 Slot	190	836.6	29.30	0	27.15	38.45	PASS
EGPRS850 1 Slot	251	848.8	29.27	0	27.12	38.45	PASS
EGPRS850 2 Slot	128	824.2	27.78	0	25.63	38.45	PASS
EGPRS850 2 Slot	190	836.6	27.94	0	25.79	38.45	PASS
EGPRS850 2 Slot	251	848.8	28.17	0	26.02	38.45	PASS
EGPRS850 3 Slot	128	824.2	25.72	0	23.57	38.45	PASS
EGPRS850 3 Slot	190	836.6	25.70	0	23.55	38.45	PASS
EGPRS850 3 Slot	251	848.8	26.11	0	23.96	38.45	PASS
EGPRS850 4 Slot	128	824.2	24.90	0	22.75	38.45	PASS
EGPRS850 4 Slot	190	836.6	24.53	0	22.38	38.45	PASS
EGPRS850 4 Slot	251	848.8	24.81	0	22.66	38.45	PASS

14 Frequency stability

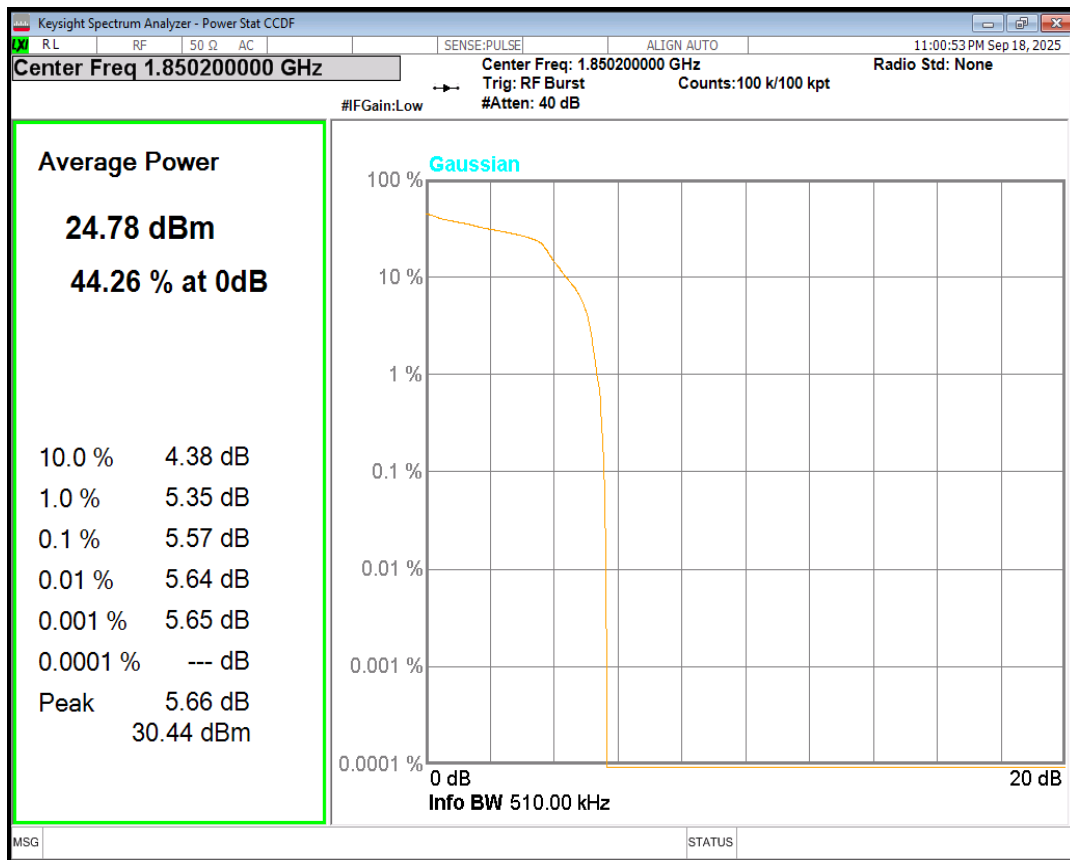
Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
EGPRS1900	512	1850.2	15.91692	0.01	-2.500	2.5	PASS
EGPRS1900	661	1880	15.69092	0.01	-2.500	2.5	PASS
EGPRS1900	810	1909.8	9.459754	0.00	-2.500	2.5	PASS
EGPRS850	128	824.2	3.067156	0.00	-2.500	2.5	PASS
EGPRS850	190	836.6	3.616015	0.00	-2.500	2.5	PASS
EGPRS850	251	848.8	3.745159	0.00	-2.500	2.5	PASS

15 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
EGPRS1900	512	1850.2	5.57	13.00	PASS
EGPRS1900	661	1880	5.948666667	13.00	PASS
EGPRS1900	810	1909.8	5.677352941	13.00	PASS
EGPRS850	128	824.2	7.468235294	13.00	PASS

EGPRS850	190	836.6	7.482	13.00	PASS
EGPRS850	251	848.8	7.483636364	13.00	PASS

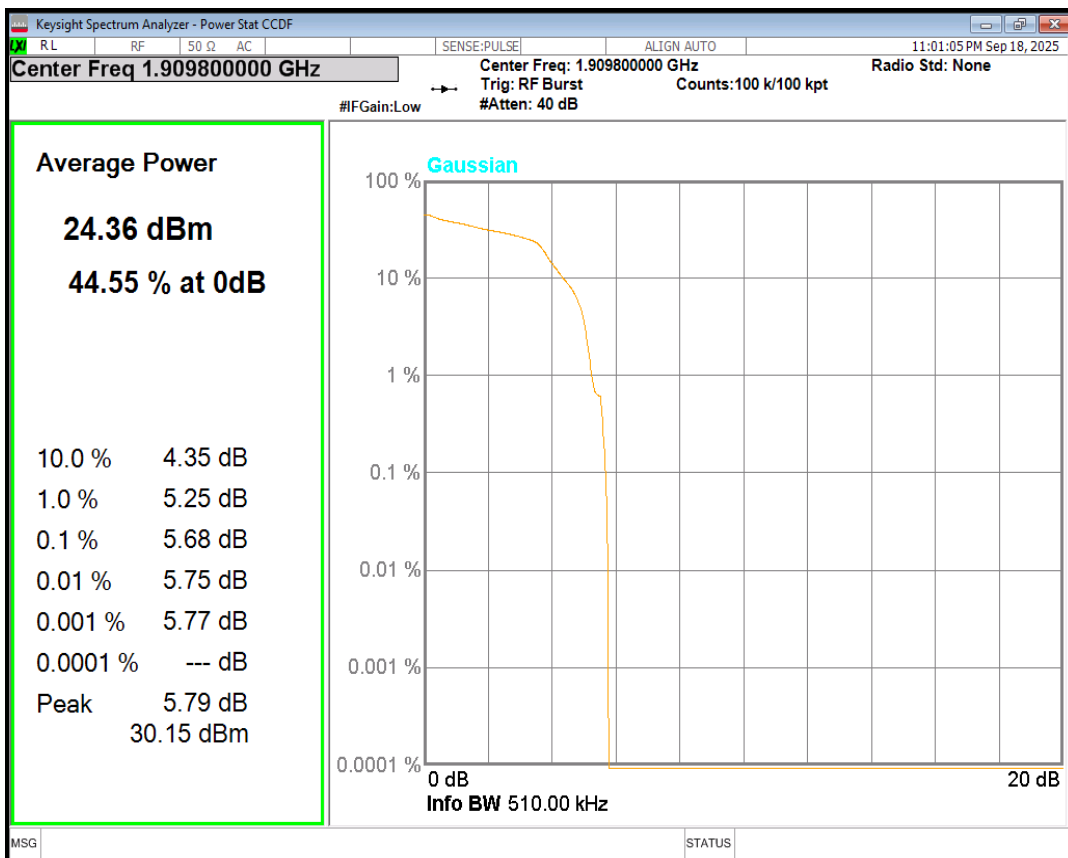
EGPRS1900 Channel=512



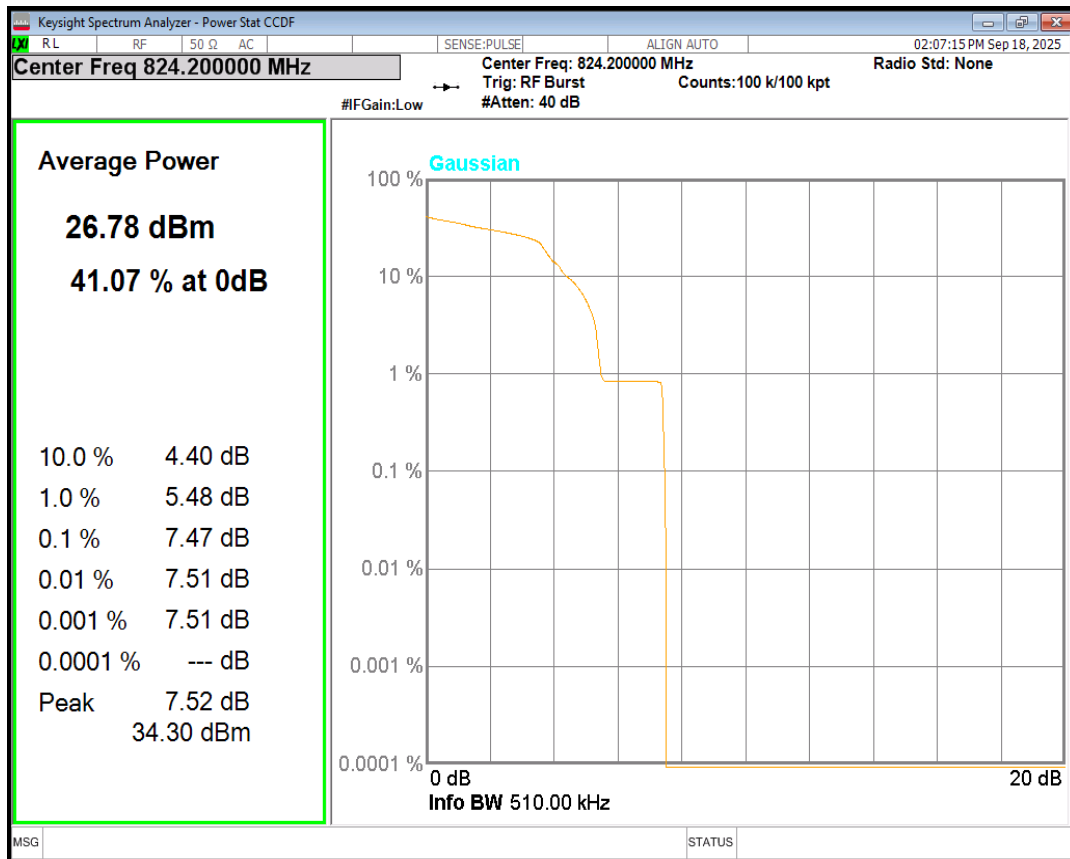
EGPRS1900 Channel=661



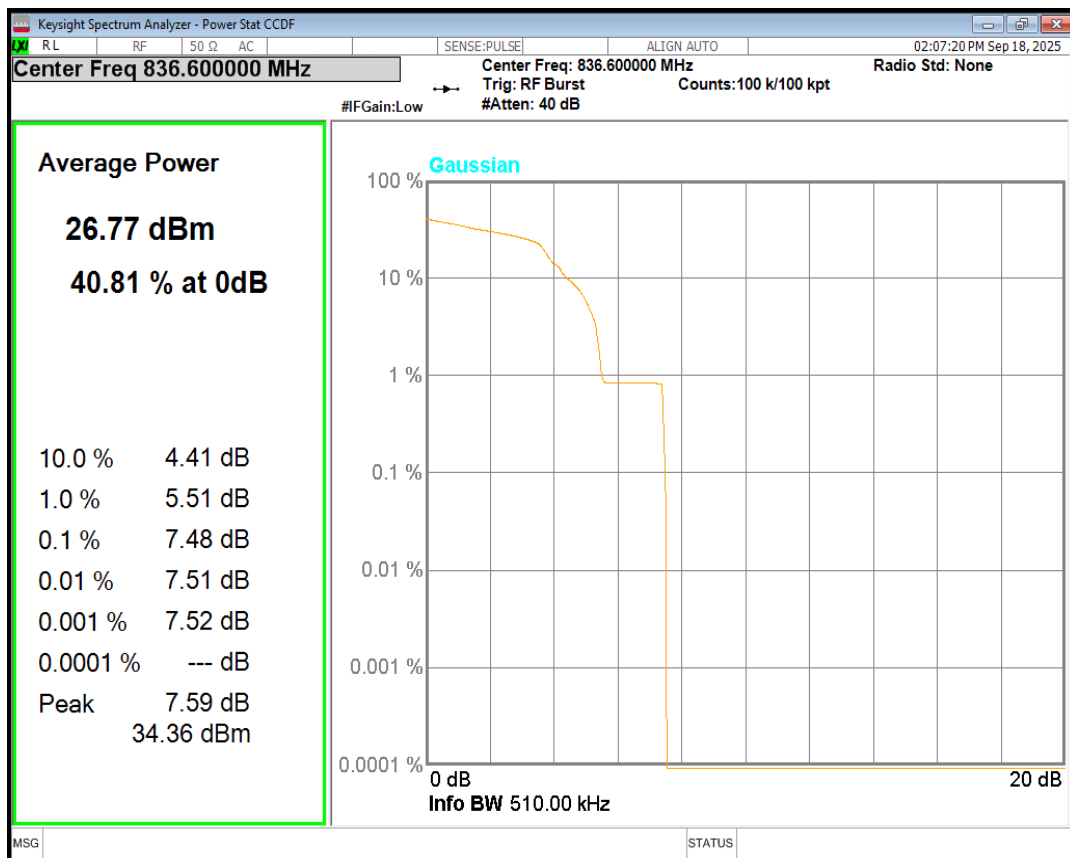
EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=190



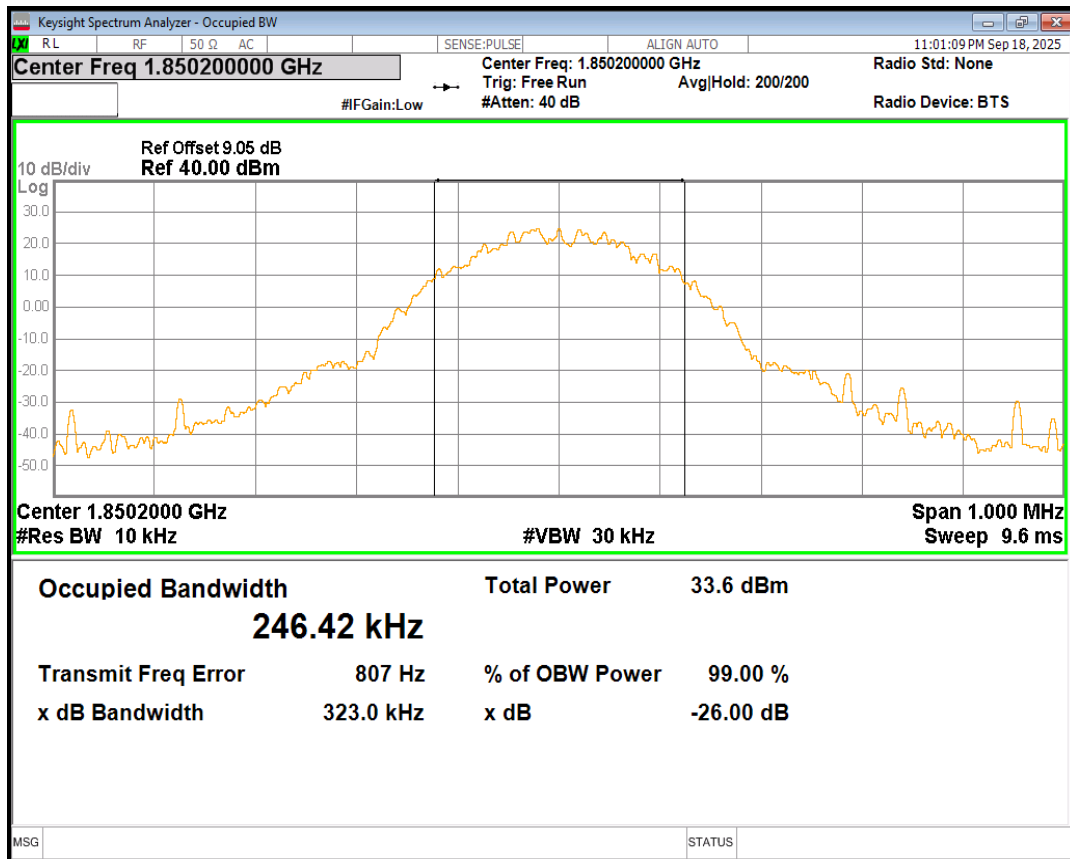
EGPRS850 Channel=251



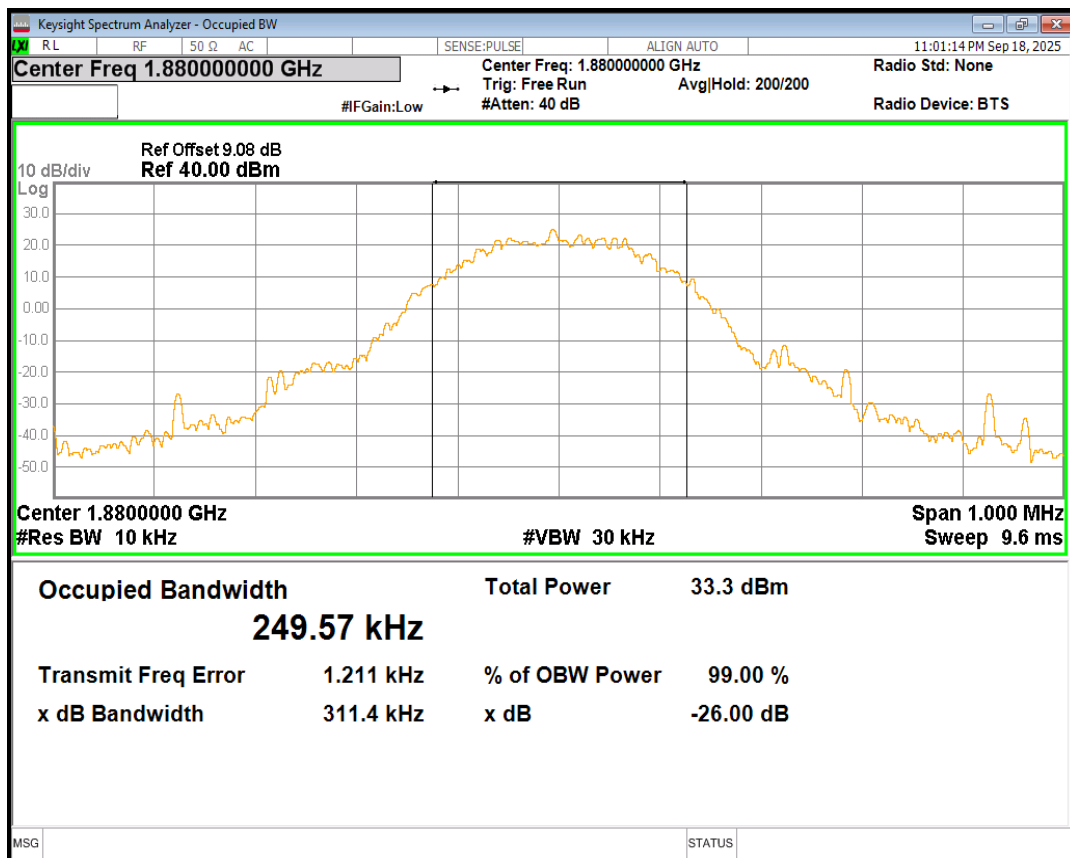
16 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
EGPRS1900	512	1850.2	246.420	323.009	PASS
EGPRS1900	661	1880	249.574	311.394	PASS
EGPRS1900	810	1909.8	245.137	313.815	PASS
EGPRS850	128	824.2	246.139	305.170	PASS
EGPRS850	190	836.6	243.875	313.170	PASS
EGPRS850	251	848.8	245.191	306.205	PASS

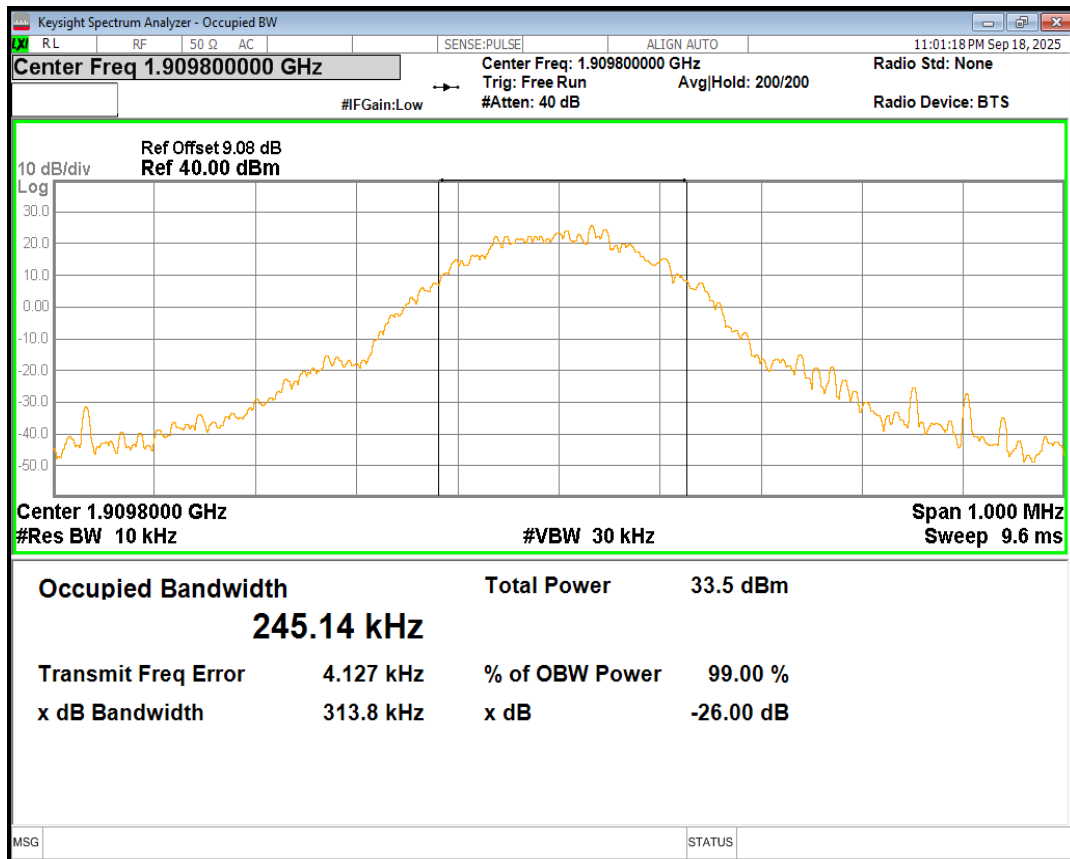
EGPRS1900 Channel=512



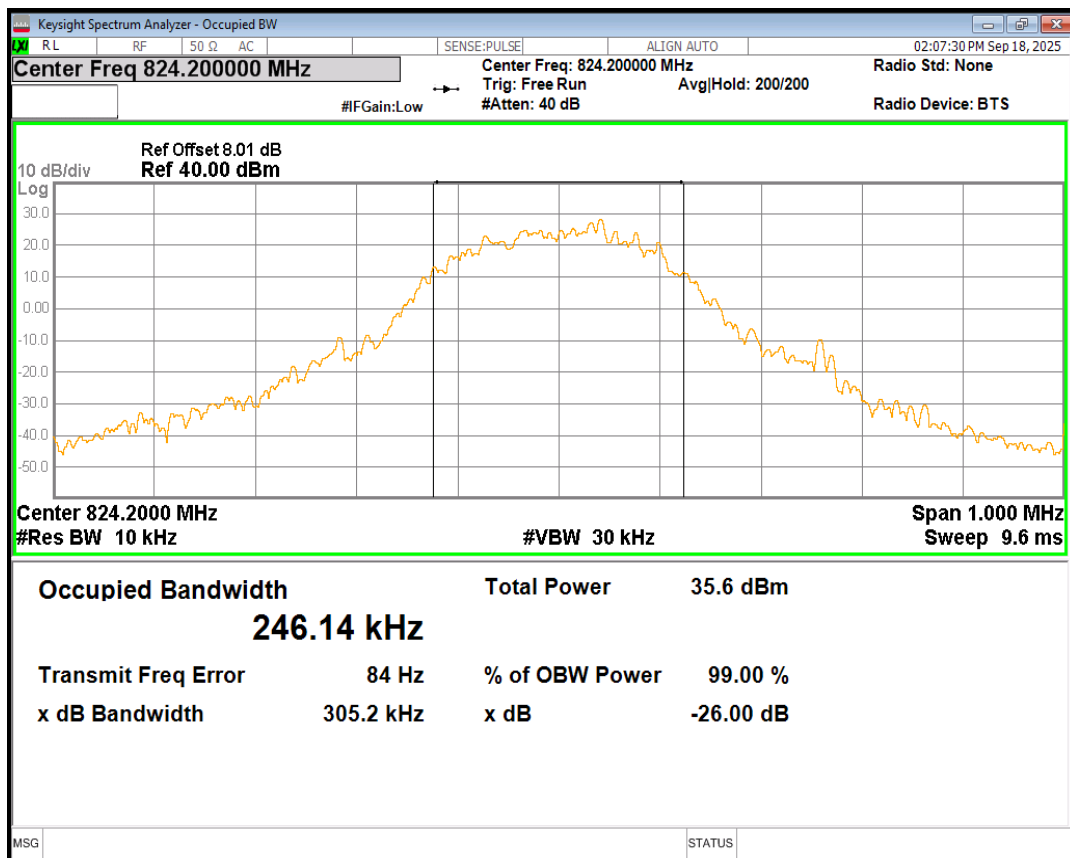
EGPRS1900 Channel=661



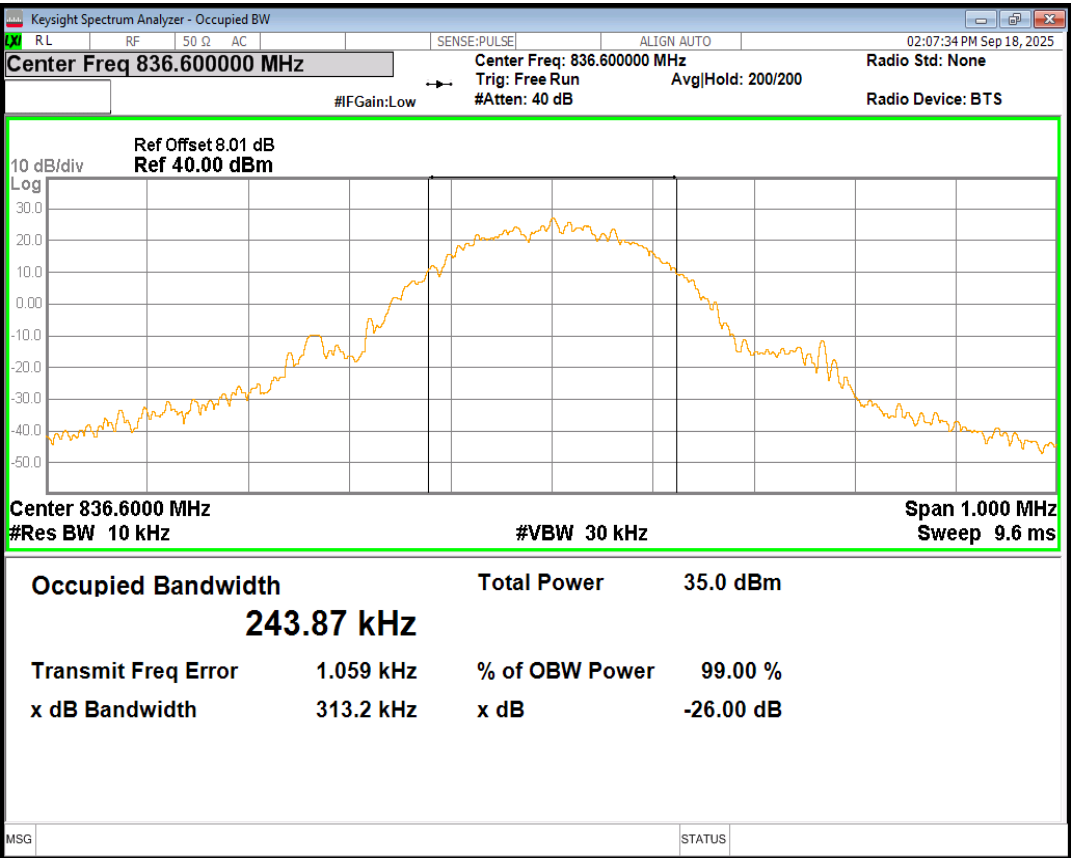
EGPRS1900 Channel=810



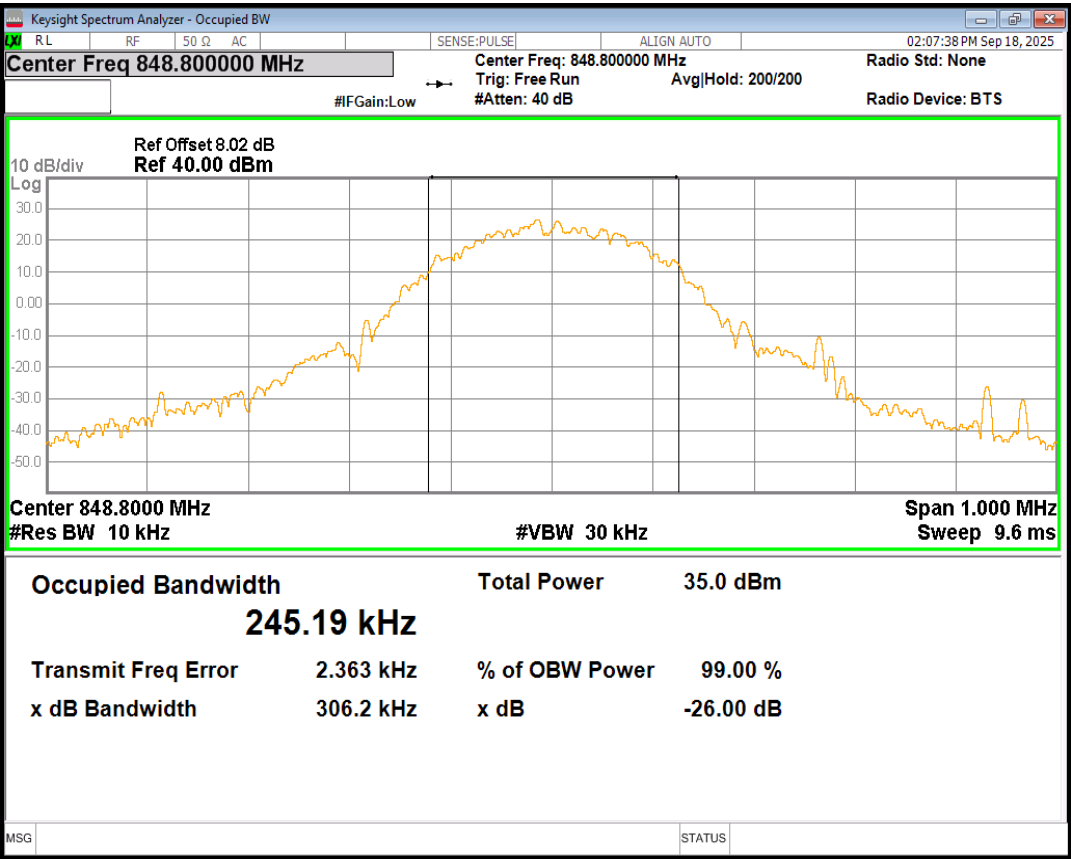
EGPRS850 Channel=128



EGPRS850 Channel=190



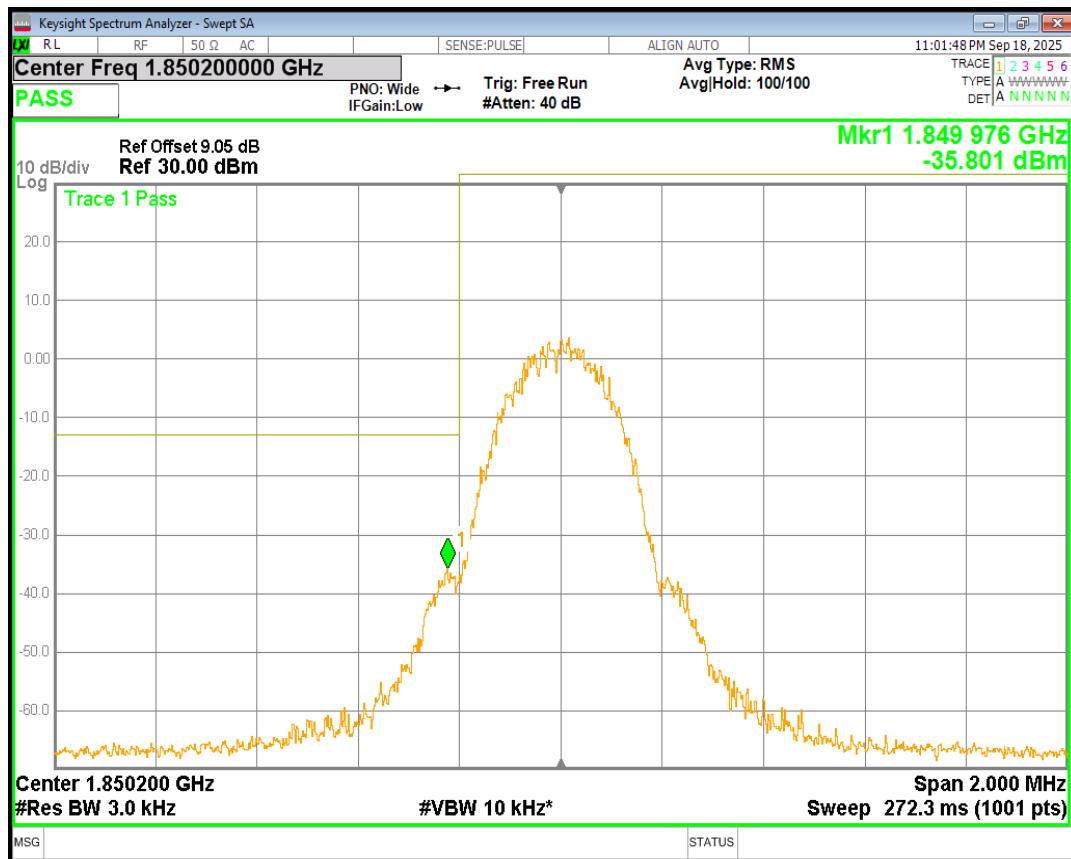
EGPRS850 Channel=251



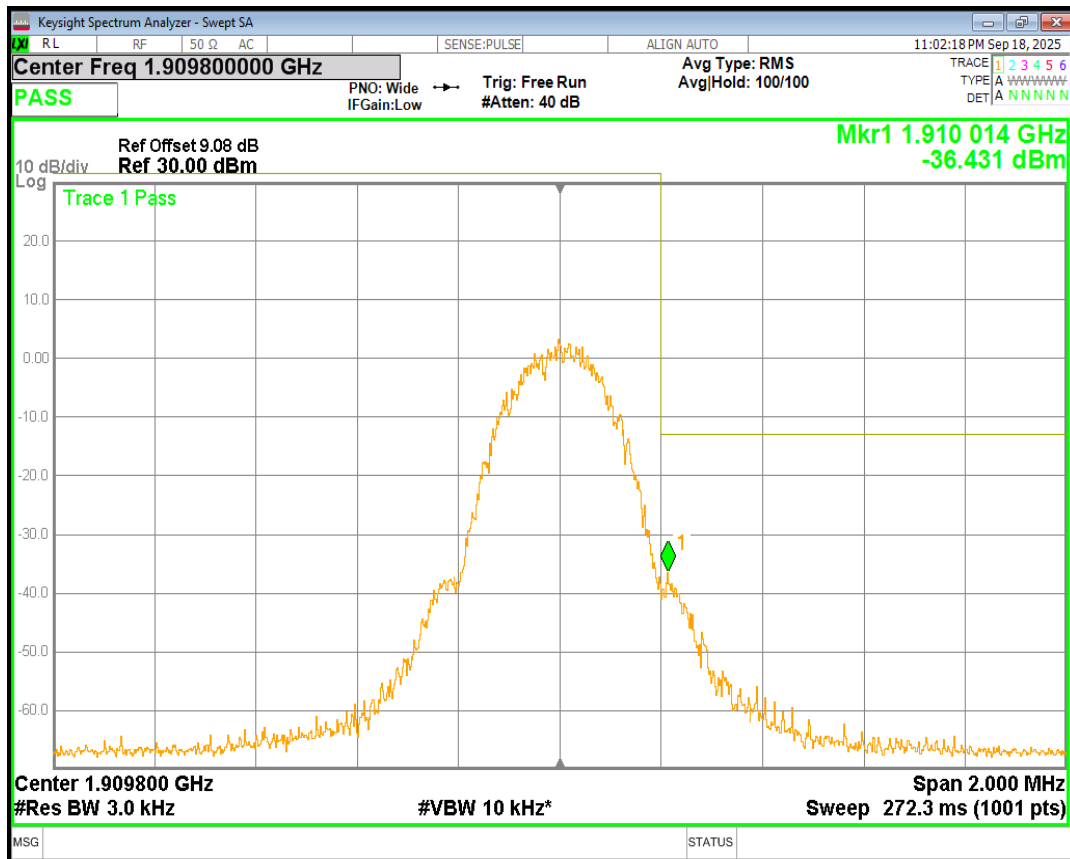
17 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	1849.98	-35.80	-13	PASS
EGPRS1900	810	1909.8	1910.01	-36.43	-13	PASS
EGPRS850	128	824.2	823.97	-32.56	-13	PASS
EGPRS850	251	848.8	849.01	-32.72	-13	PASS

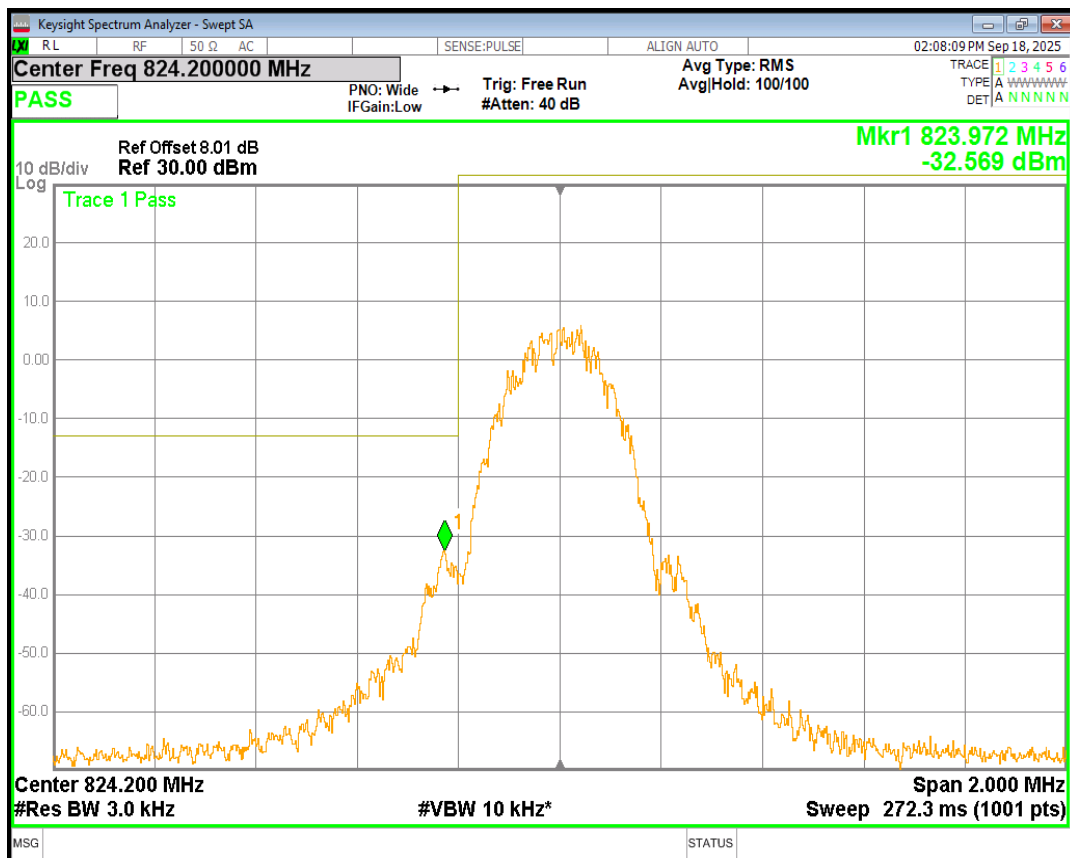
EGPRS1900 Channel=512



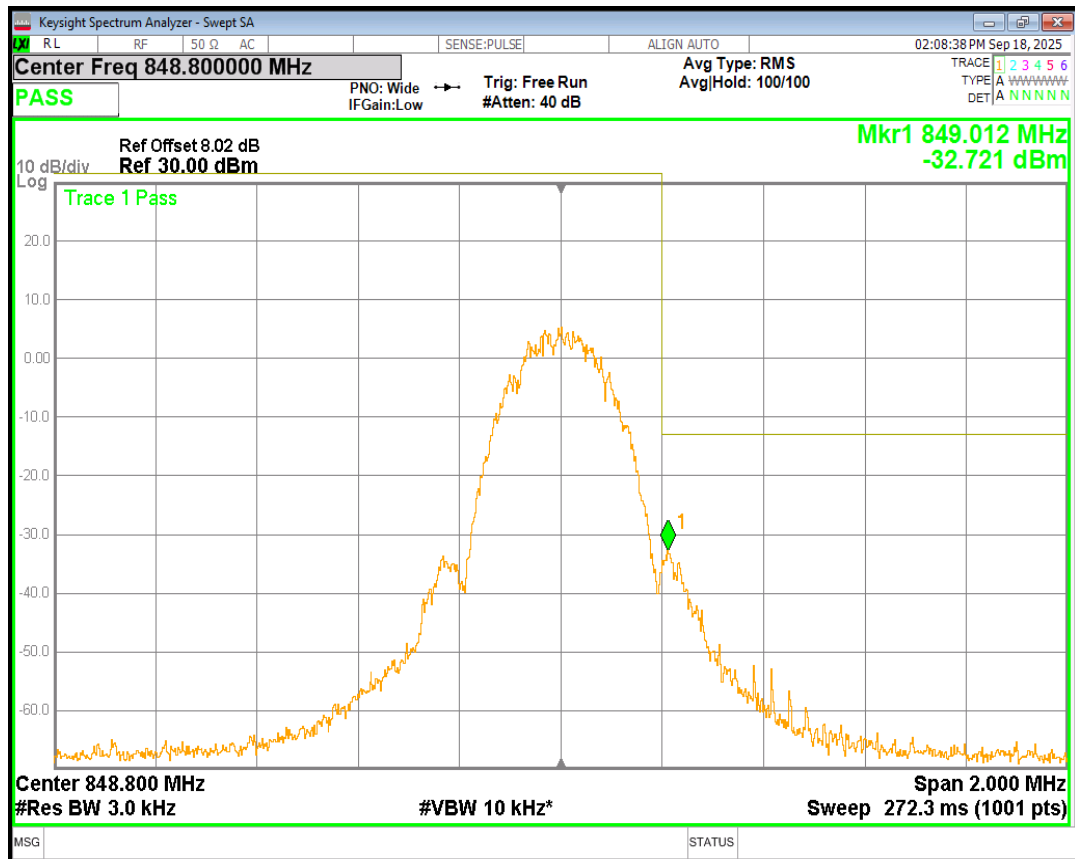
EGPRS1900 Channel=810



EGPRS850 Channel=128



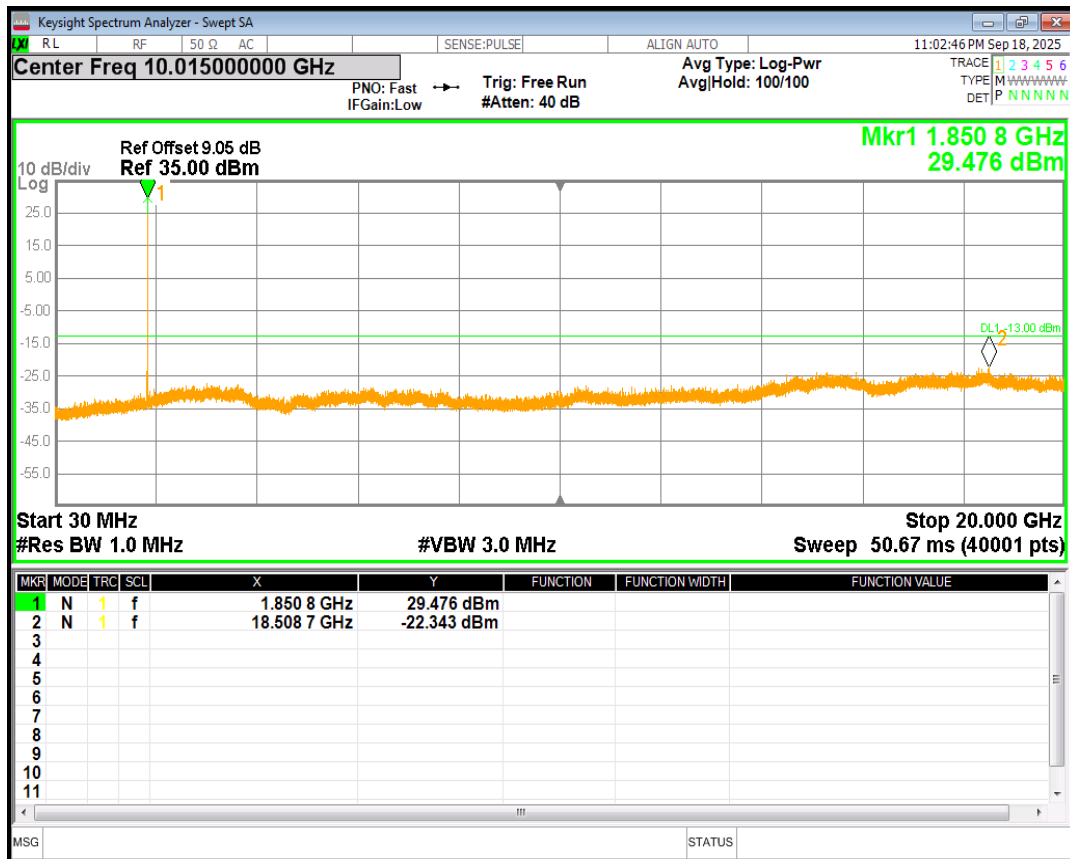
EGPRS850 Channel=251



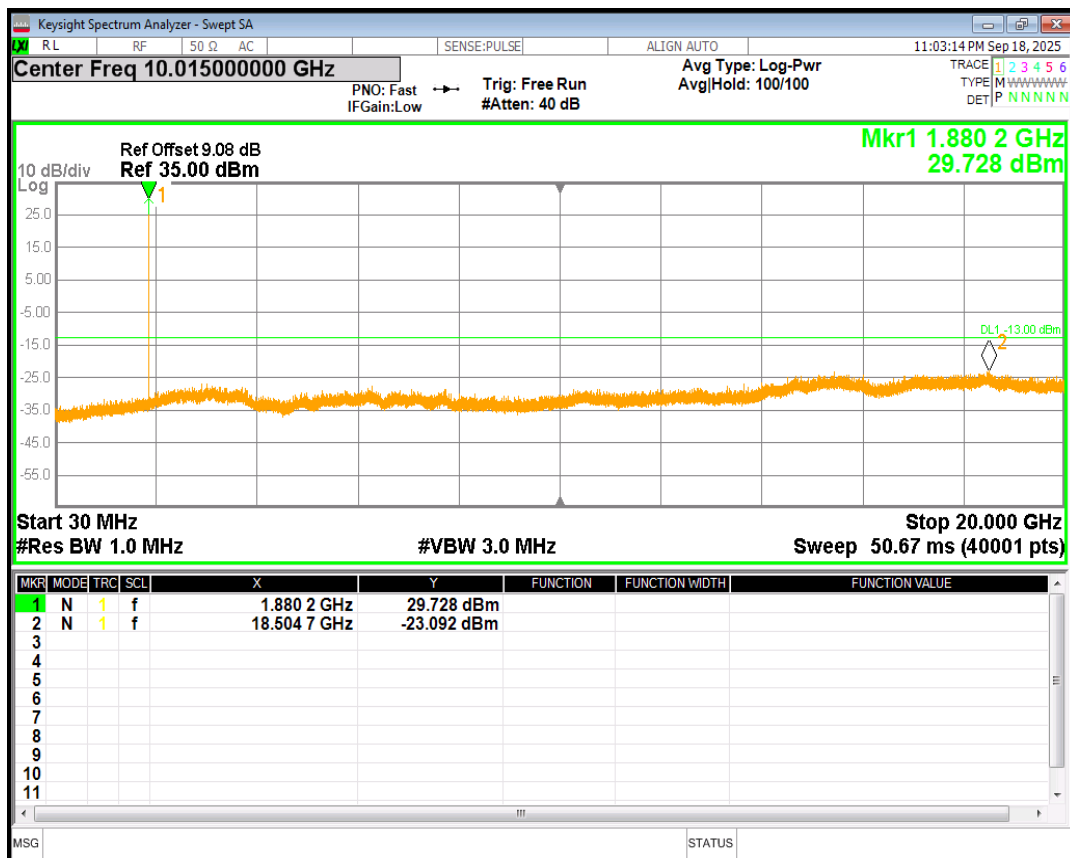
18 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
EGPRS1900	512	1850.2	18508.74	-22.34	-13	PASS
EGPRS1900	661	1880	18504.75	-23.09	-13	PASS
EGPRS1900	810	1909.8	18486.27	-22.71	-13	PASS
EGPRS850	128	824.2	3141.39	-28.58	-13	PASS
EGPRS850	190	836.6	3127.68	-28.63	-13	PASS
EGPRS850	251	848.8	2628.68	-28.14	-13	PASS

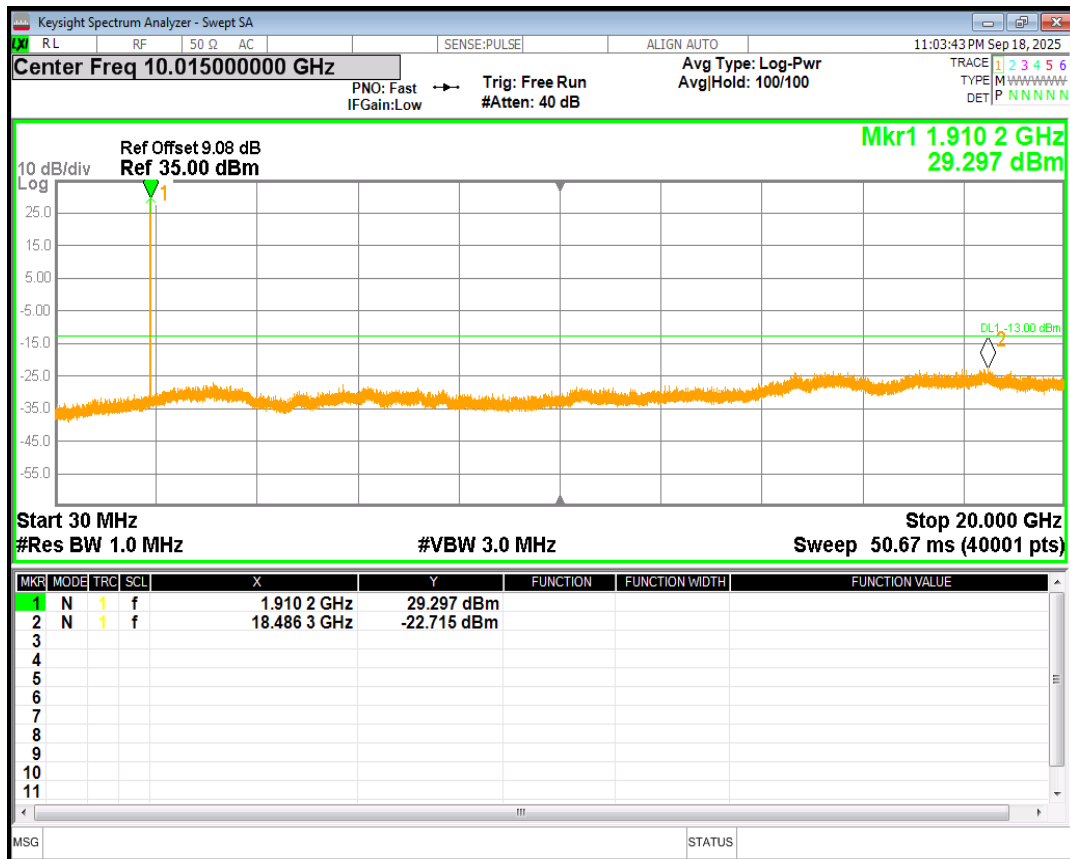
EGPRS1900 Channel=512



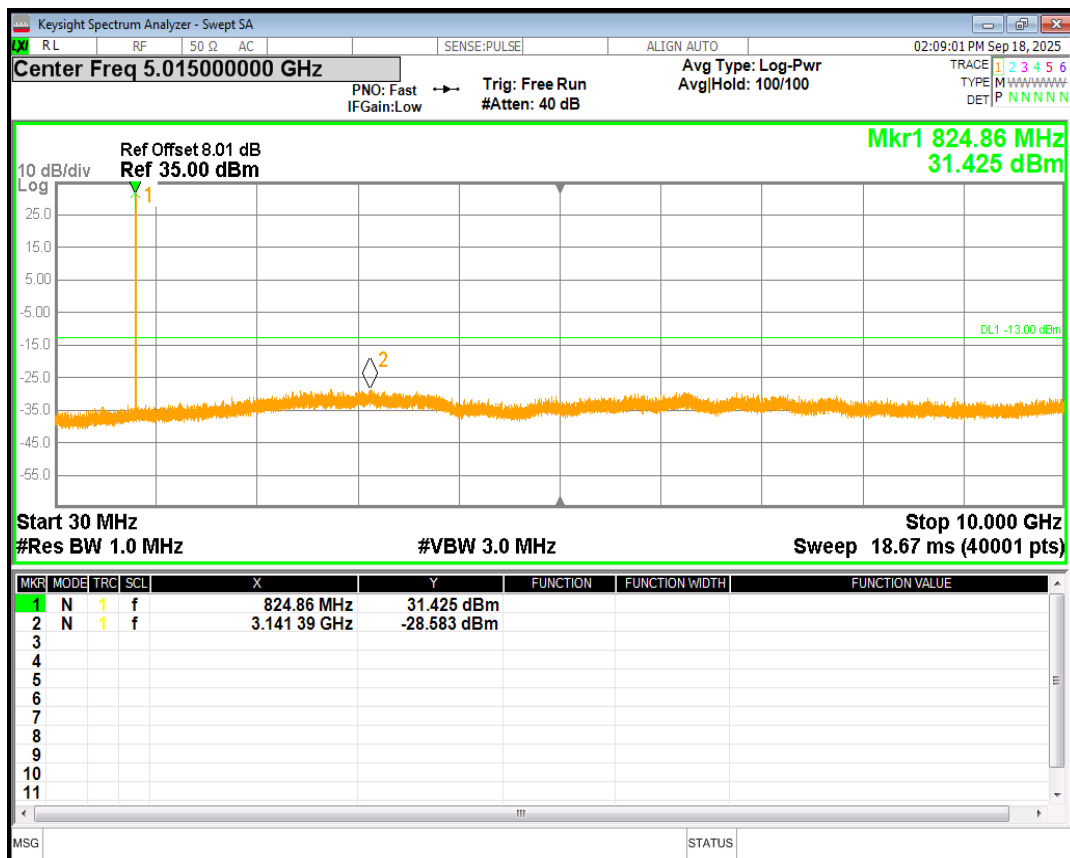
EGPRS1900 Channel=661



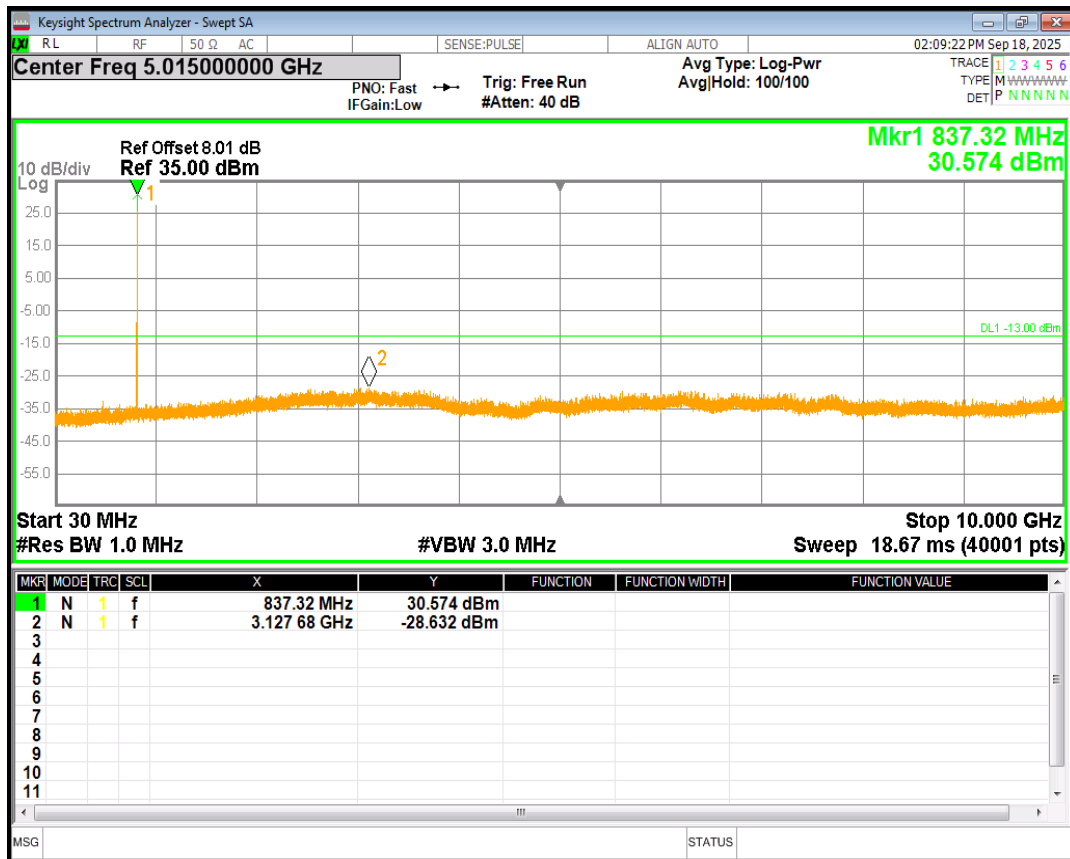
EGPRS1900 Channel=810



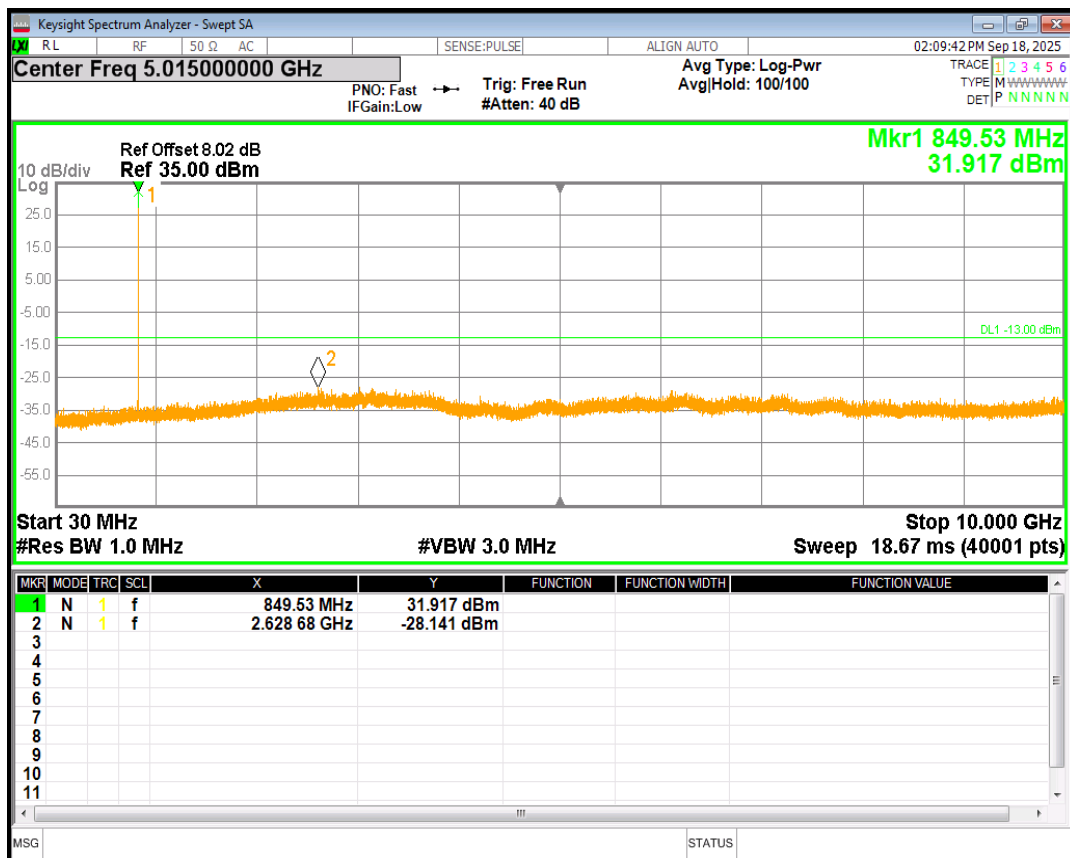
EGPRS850 Channel=128



EGPRS850 Channel=190



EGPRS850 Channel=251



Project,GSM,,,,,,

Project	GSM						
Customer Name							
Test Engineer							
Discription							
Test case	Conducted output power						
Test Condition	NVNT						
Temperature	25						
Voltage	3.8						
Date	2025/9/18 20:44						
[Title]							
07 Conducted output power							
[Results]							
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	27.77	0	27.77	33.01	PASS
GPRS1900 1 Slot	661	1880	26.52	0	0	33.01	PASS
GPRS1900 1 Slot	810	1909.8	24.72	0	0	33.01	PASS
GPRS1900 2 Slot	512	1850.2	26.86	0	26.86	33.01	PASS
GPRS1900 2 Slot	661	1880	25.48	0	25.48	33.01	PASS
GPRS1900 2 Slot	810	1909.8	22.88	0	22.88	33.01	PASS
GPRS1900 3 Slot	512	1850.2	24.67	0	24.67	33.01	PASS
GPRS1900 3 Slot	661	1880	23.38	0	23.38	33.01	PASS
GPRS1900 3 Slot	810	1909.8	20.79	0	20.79	33.01	PASS
GPRS1900 4 Slot	512	1850.2	23.32	0	23.32	33.01	PASS
GPRS1900 4 Slot	661	1880	21.98	0	21.98	33.01	PASS
GPRS1900 4 Slot	810	1909.8	19.32	0	19.32	33.01	PASS

08 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GPRS1900	512	1850.2	6.424884	0.00	-2.500	2.5	PASS
GPRS1900	661	1880	5.811453	0.00	-2.500	2.5	PASS
GPRS1900	810	1909.8	13.52777	0.01	-2.500	2.5	PASS
GPRS850	128	824.2	3.906588	0.00	-2.500	2.5	PASS
GPRS850	190	836.6	6.812314	0.01	-2.500	2.5	PASS
GPRS850	251	848.8	8.071462	0.01	-2.500	2.5	PASS

09 Peak-to-Average Ratio

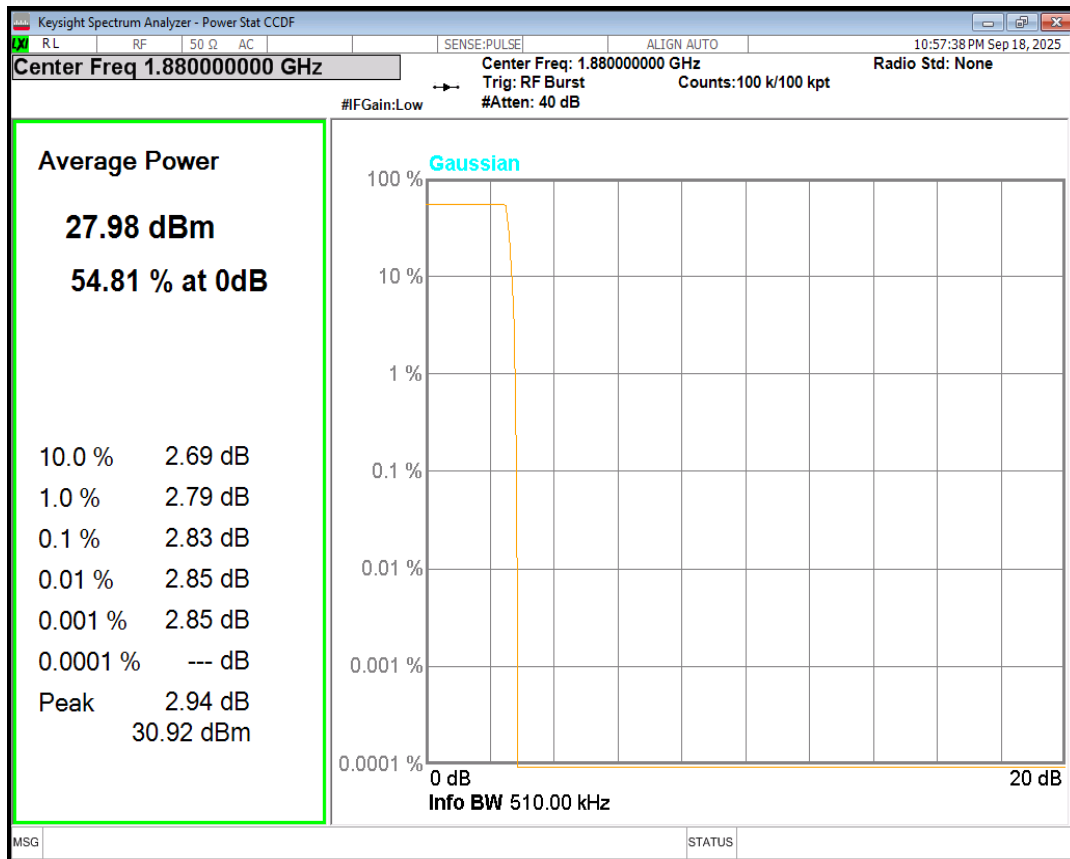
Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.812307692	13.00	PASS
GPRS1900	661	1880	2.831975309	13.00	PASS

GPRS1900	810	1909.8	2.848255814	13.00	PASS
GPRS850	128	824.2	2.734814815	13.00	PASS
GPRS850	190	836.6	2.734508197	13.00	PASS
GPRS850	251	848.8	2.747682927	13.00	PASS

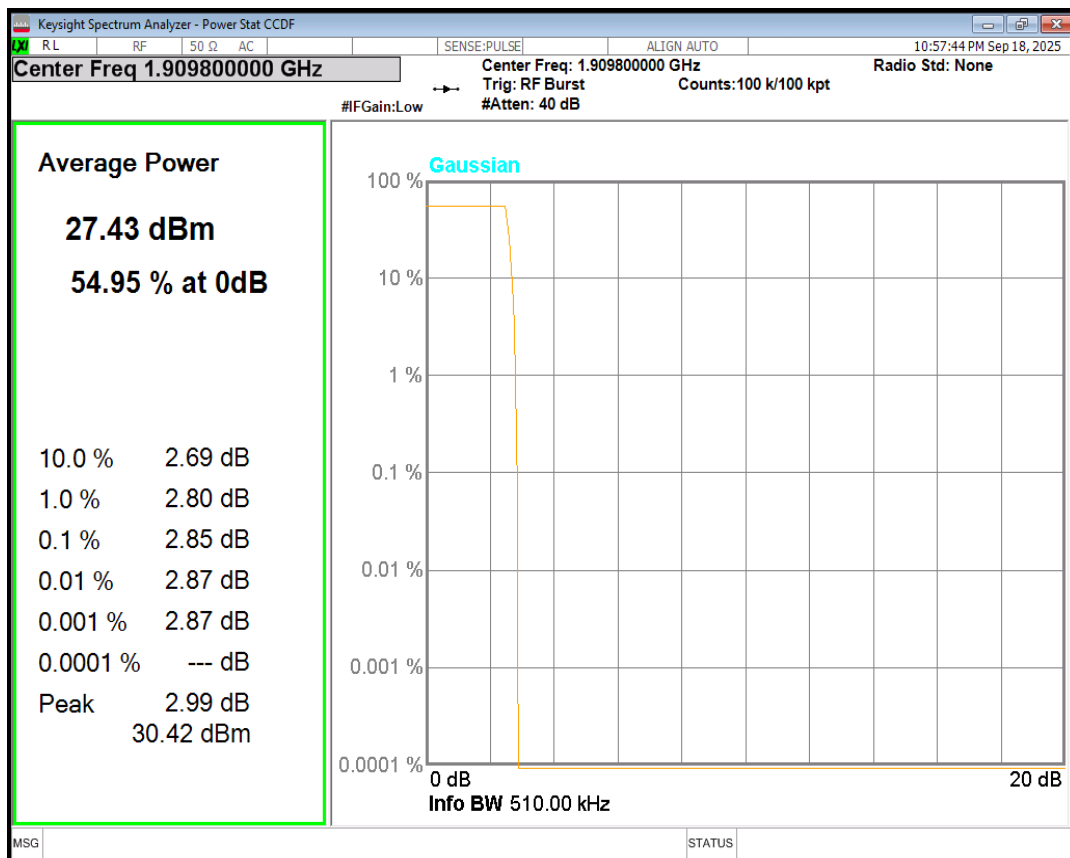
GPRS1900 Channel=512



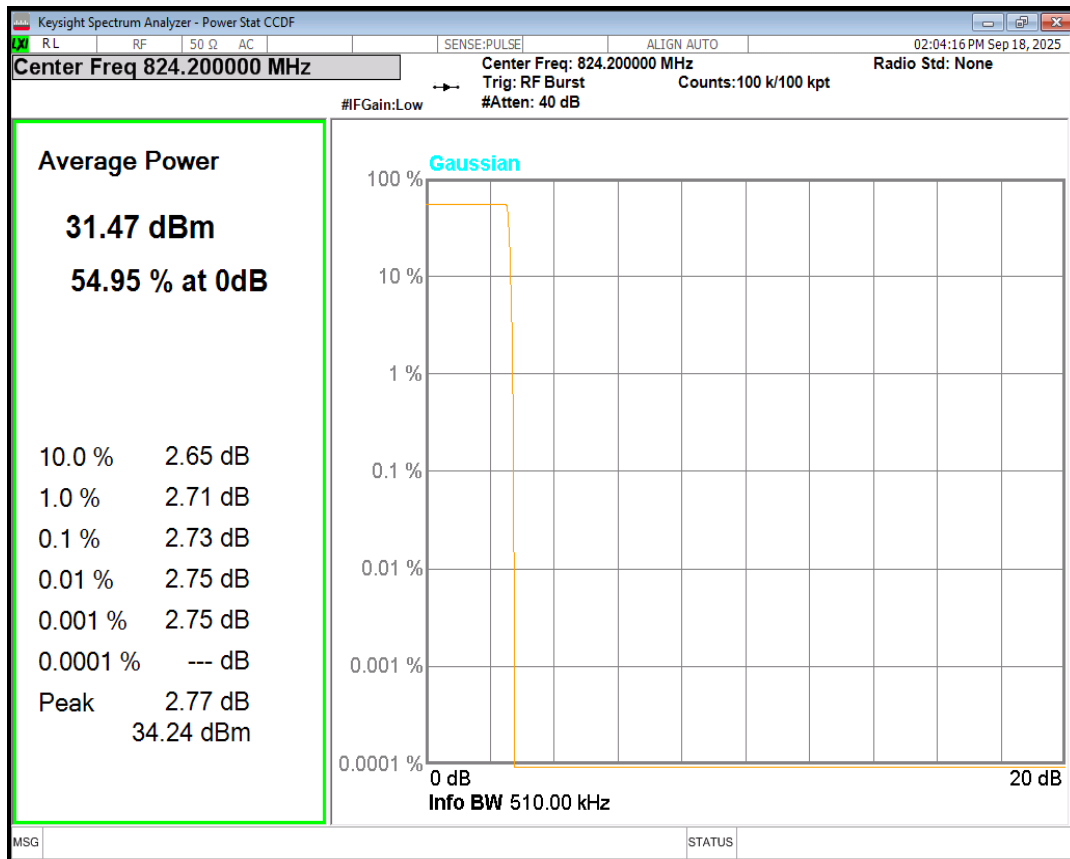
GPRS1900 Channel=661



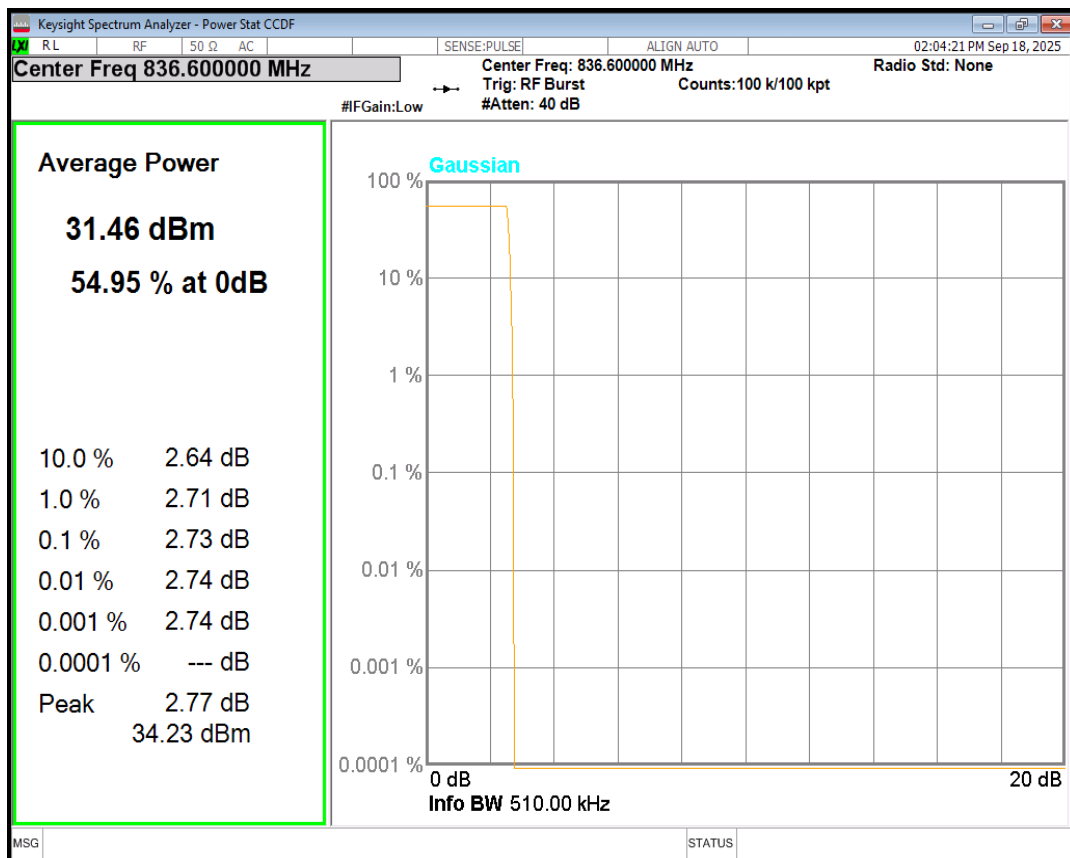
GPRS1900 Channel=810



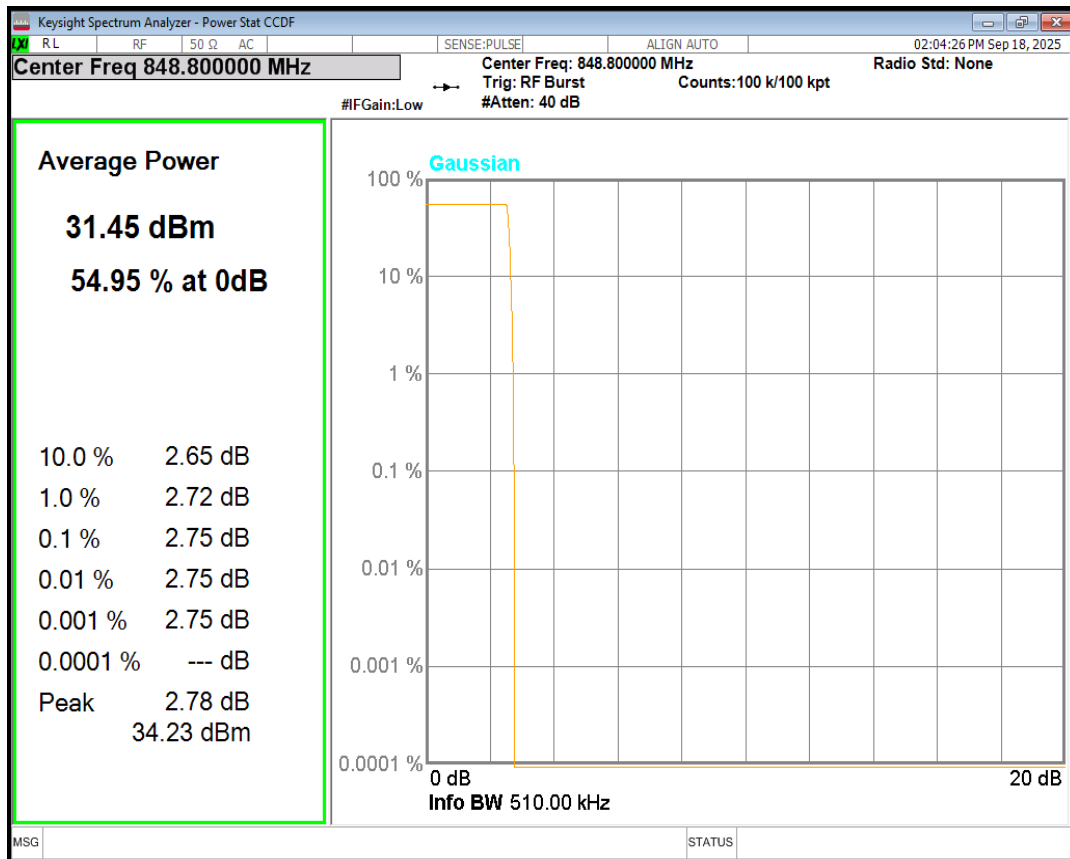
GPRS850 Channel=128



GPRS850 Channel=190



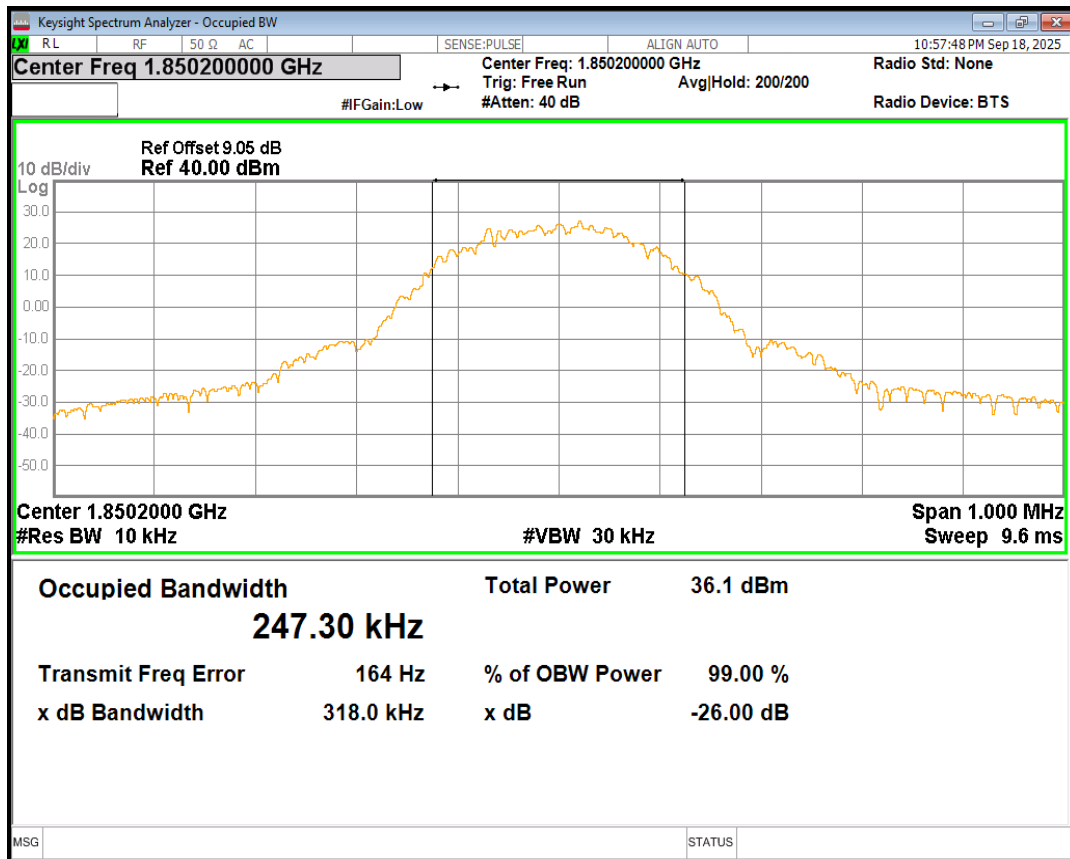
GPRS850 Channel=251



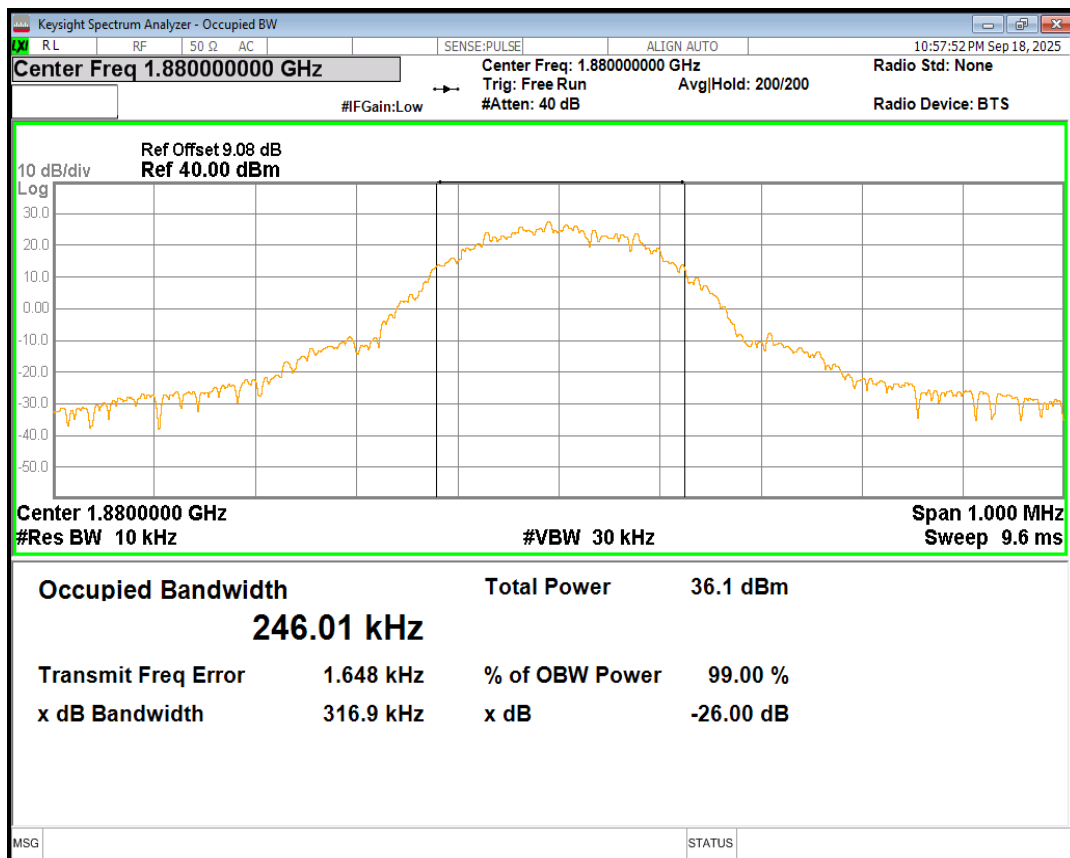
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	247.303	317.997	PASS
GPRS1900	661	1880	246.008	316.867	PASS
GPRS1900	810	1909.8	251.104	319.194	PASS
GPRS850	128	824.2	249.590	316.182	PASS
GPRS850	190	836.6	249.459	314.226	PASS
GPRS850	251	848.8	248.270	317.448	PASS

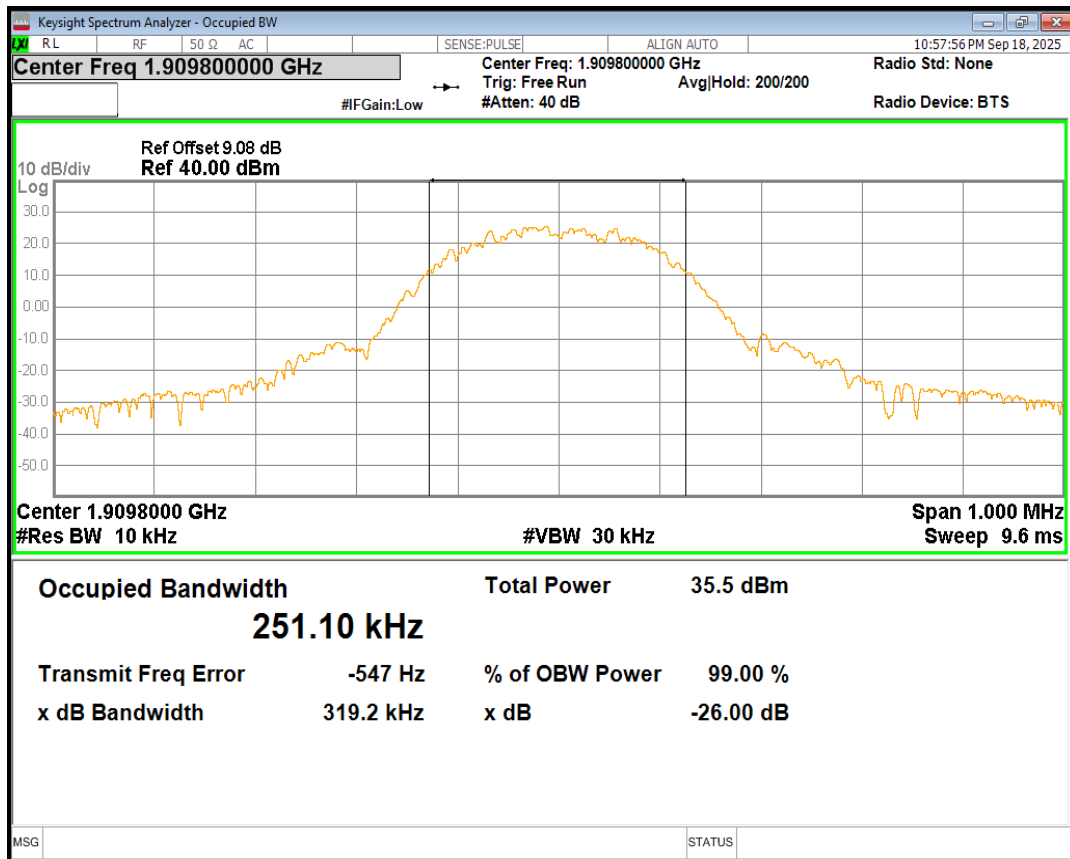
GPRS1900 Channel=512



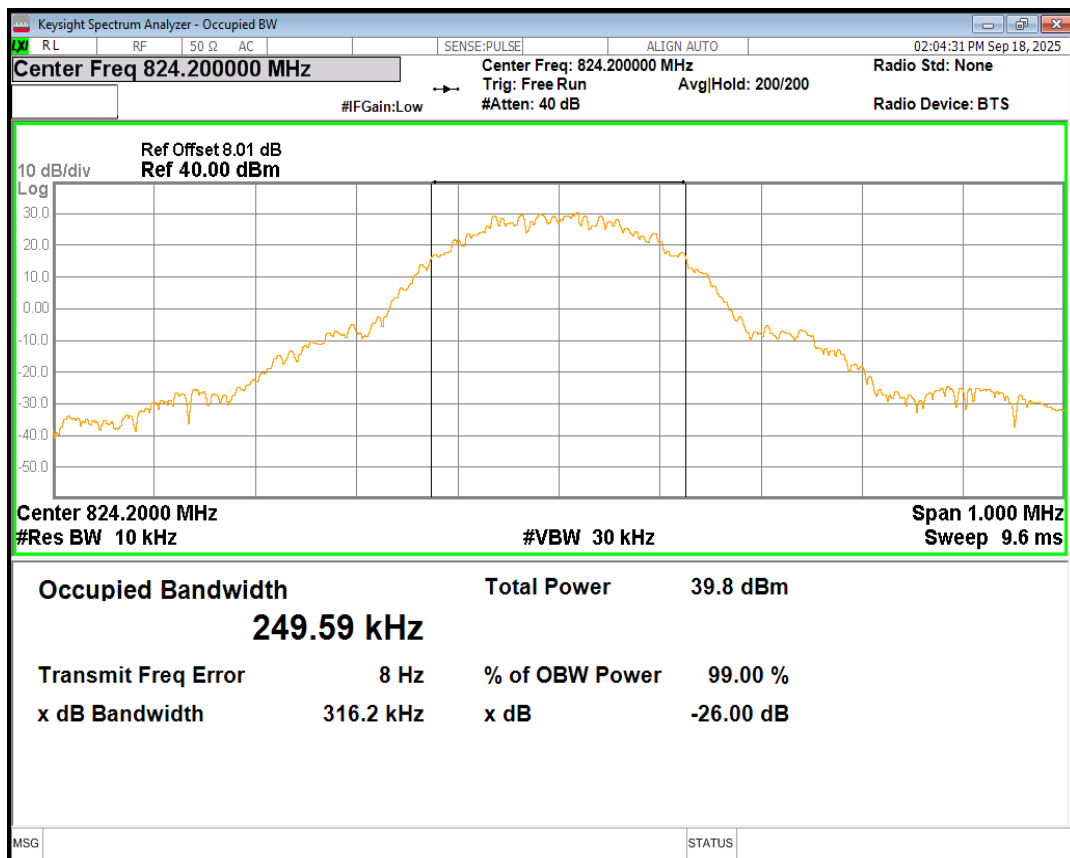
GPRS1900 Channel=661



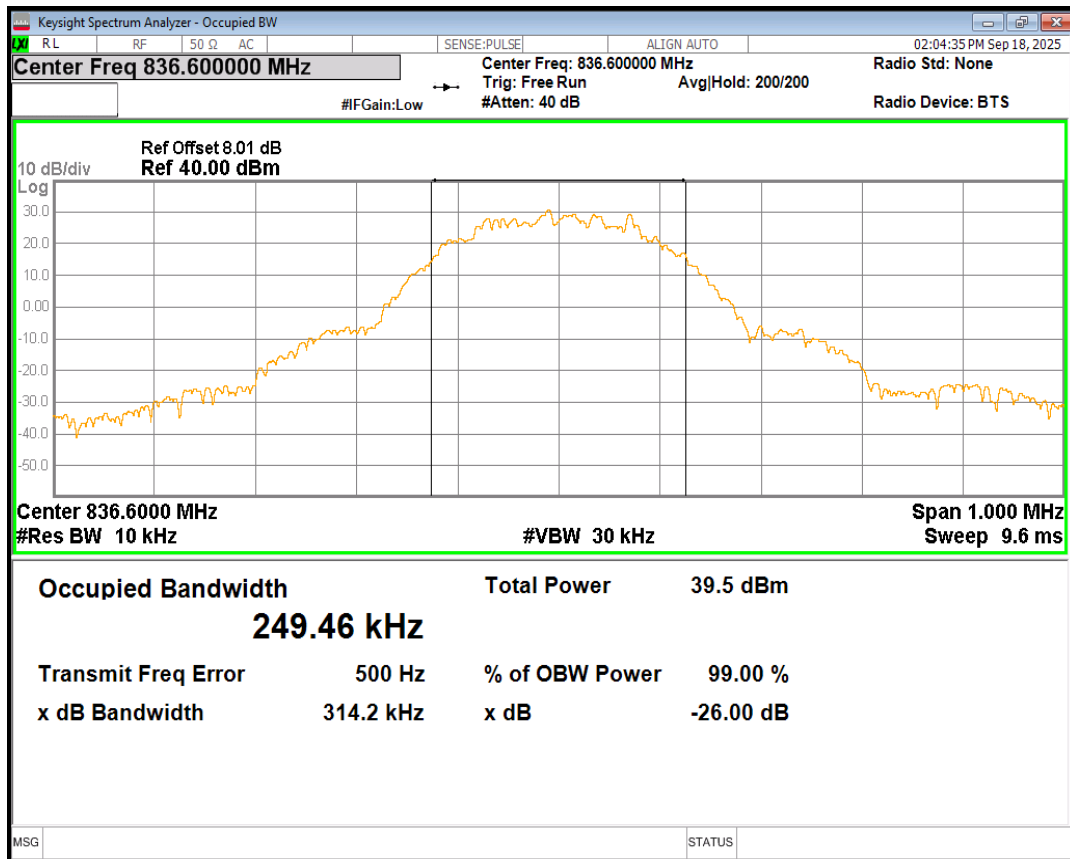
GPRS1900 Channel=810



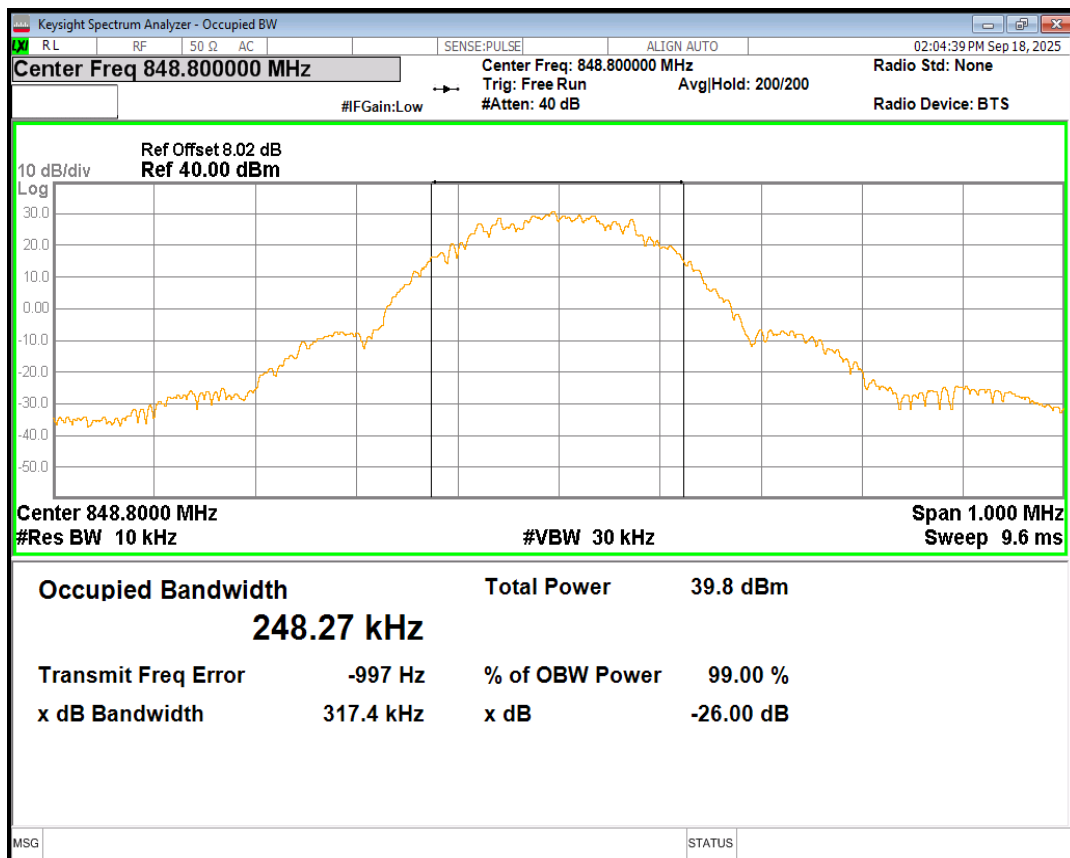
GPRS850 Channel=128



GPRS850 Channel=190



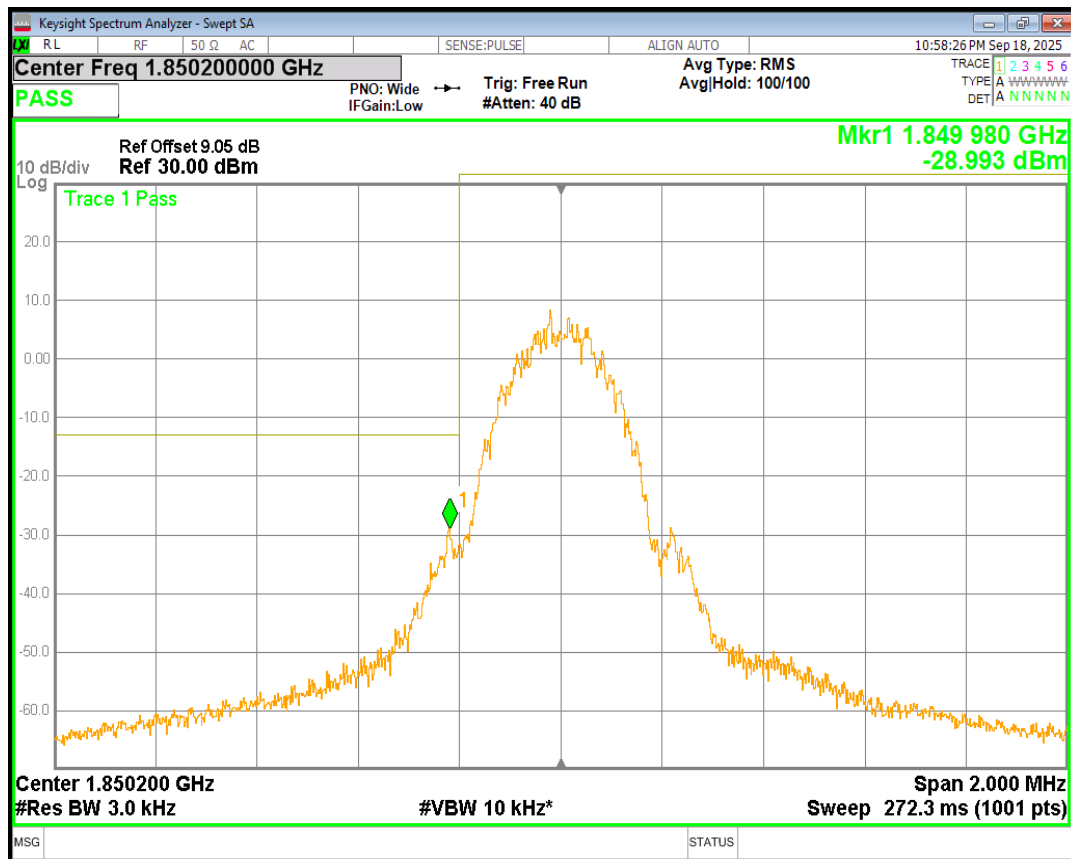
GPRS850 Channel=251



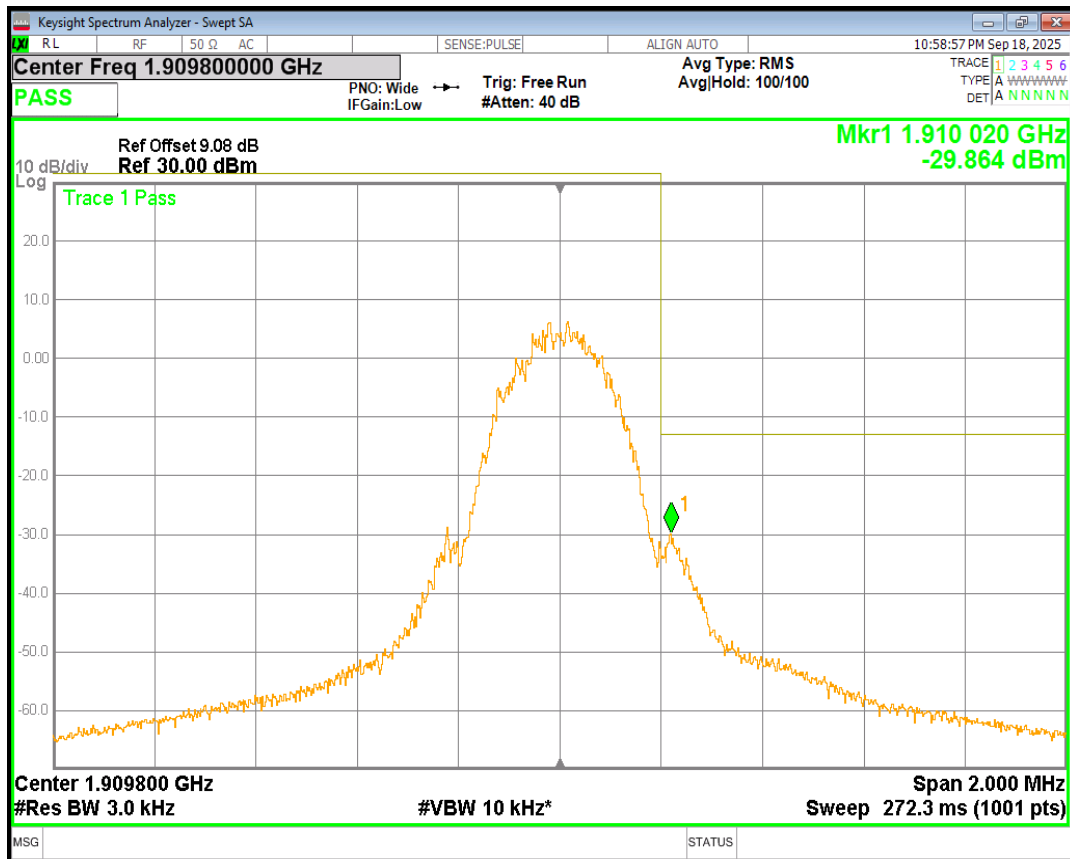
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.98	-28.99	-13	PASS
GPRS1900	810	1909.8	1910.02	-29.86	-13	PASS
GPRS850	128	824.2	823.98	-25.17	-13	PASS
GPRS850	251	848.8	849.02	-26.25	-13	PASS

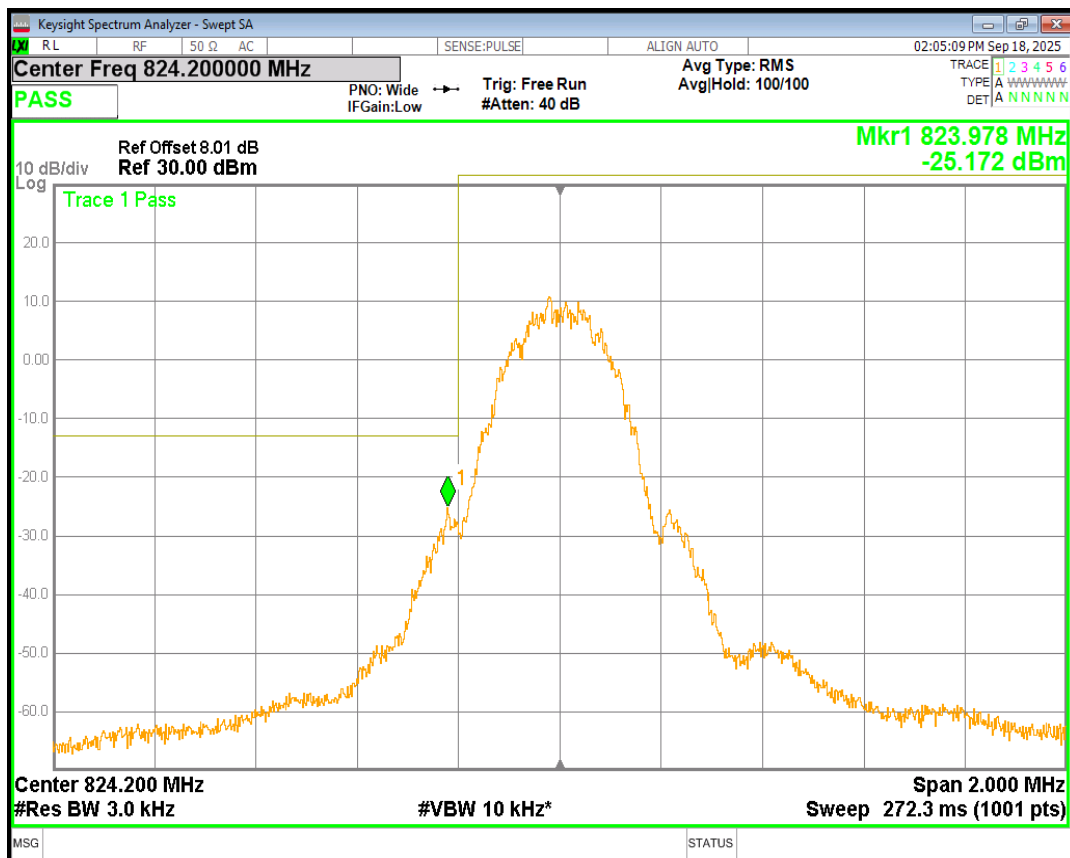
GPRS1900 Channel=512



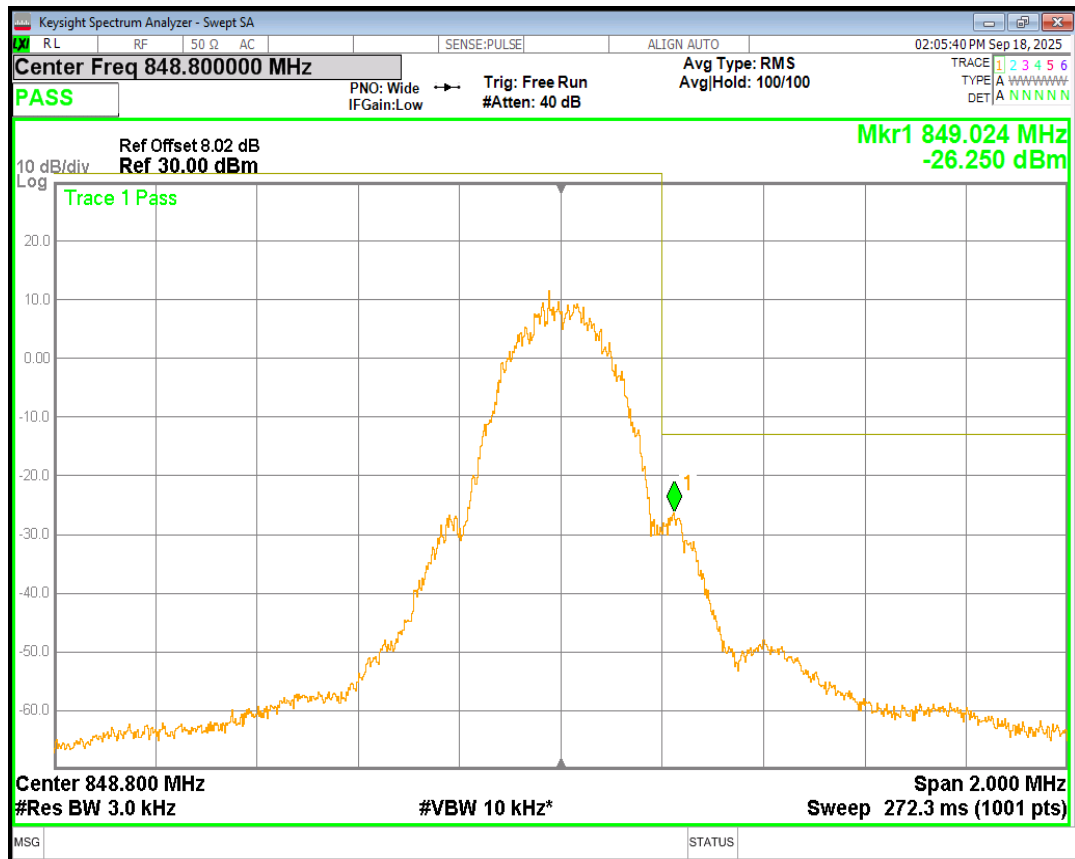
GPRS1900 Channel=810



GPRS850 Channel=128



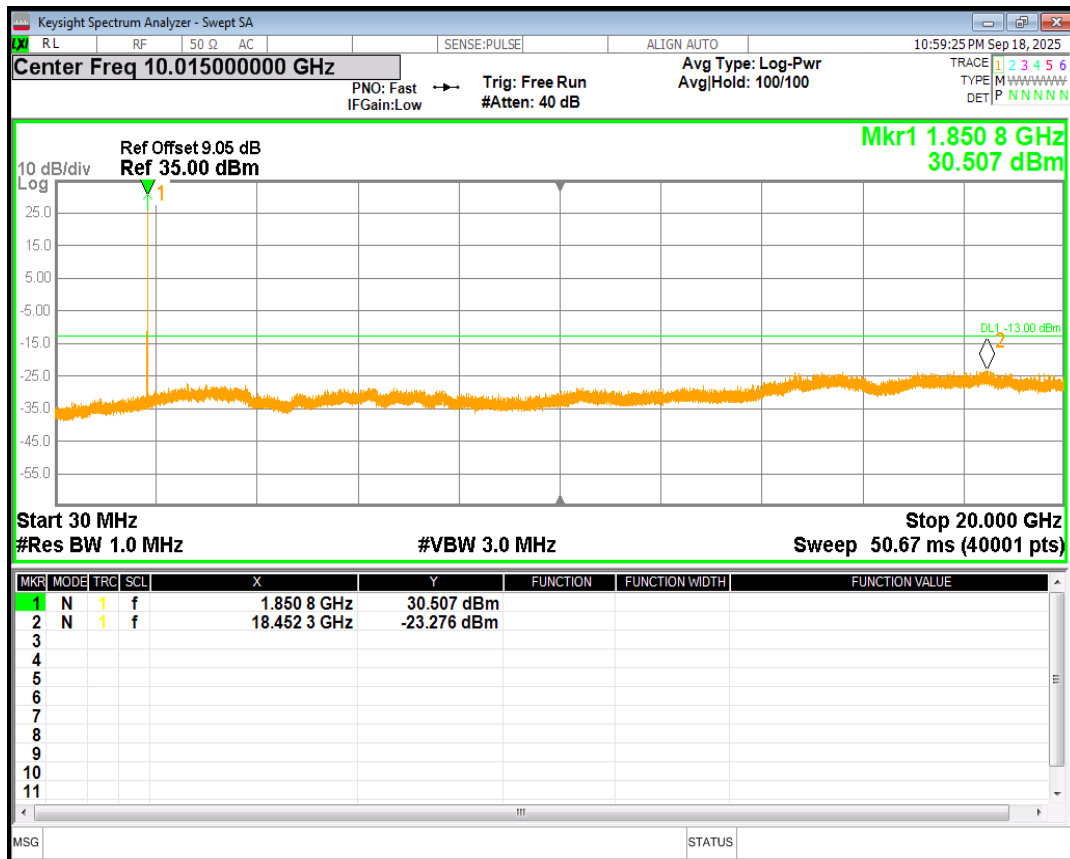
GPRS850 Channel=251



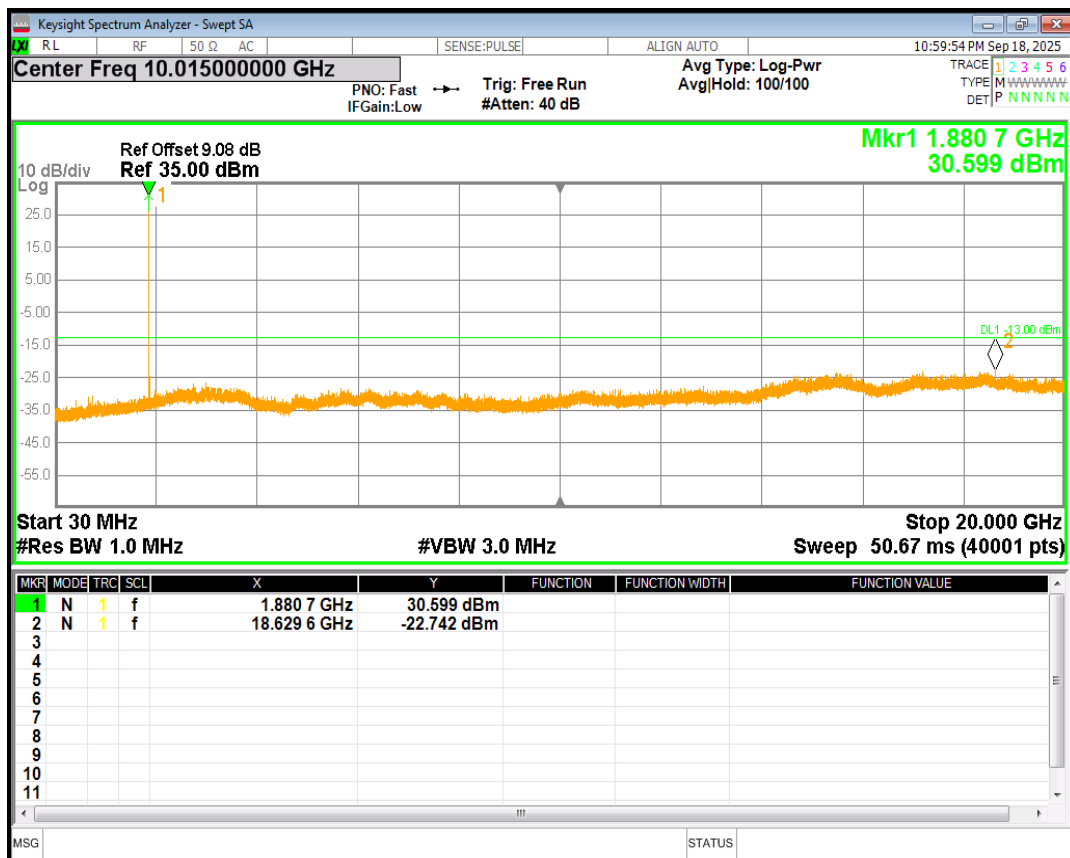
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	18452.33	-23.27	-13	PASS
GPRS1900	661	1880	18629.56	-22.74	-13	PASS
GPRS1900	810	1909.8	1916.67	-19.84	-13	PASS
GPRS850	128	824.2	2648.37	-28.57	-13	PASS
GPRS850	190	836.6	854.02	-26.29	-13	PASS
GPRS850	251	848.8	858.51	-20.23	-13	PASS

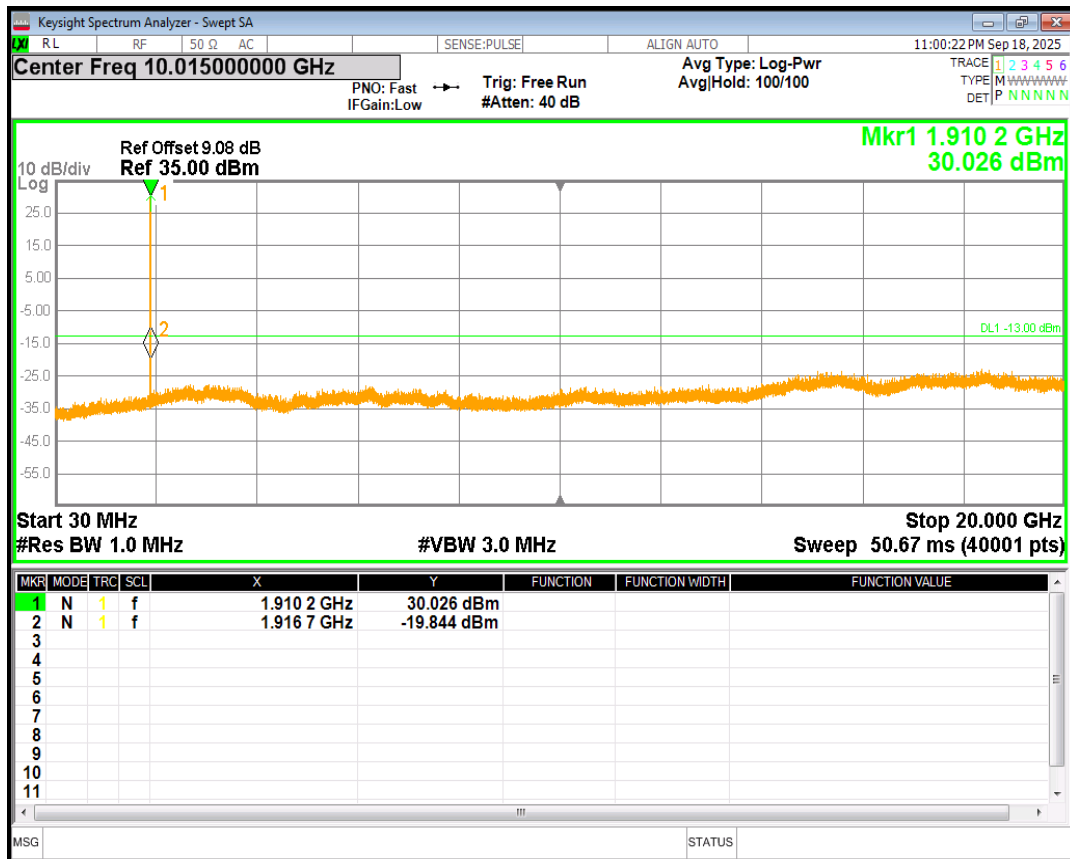
GPRS1900 Channel=512



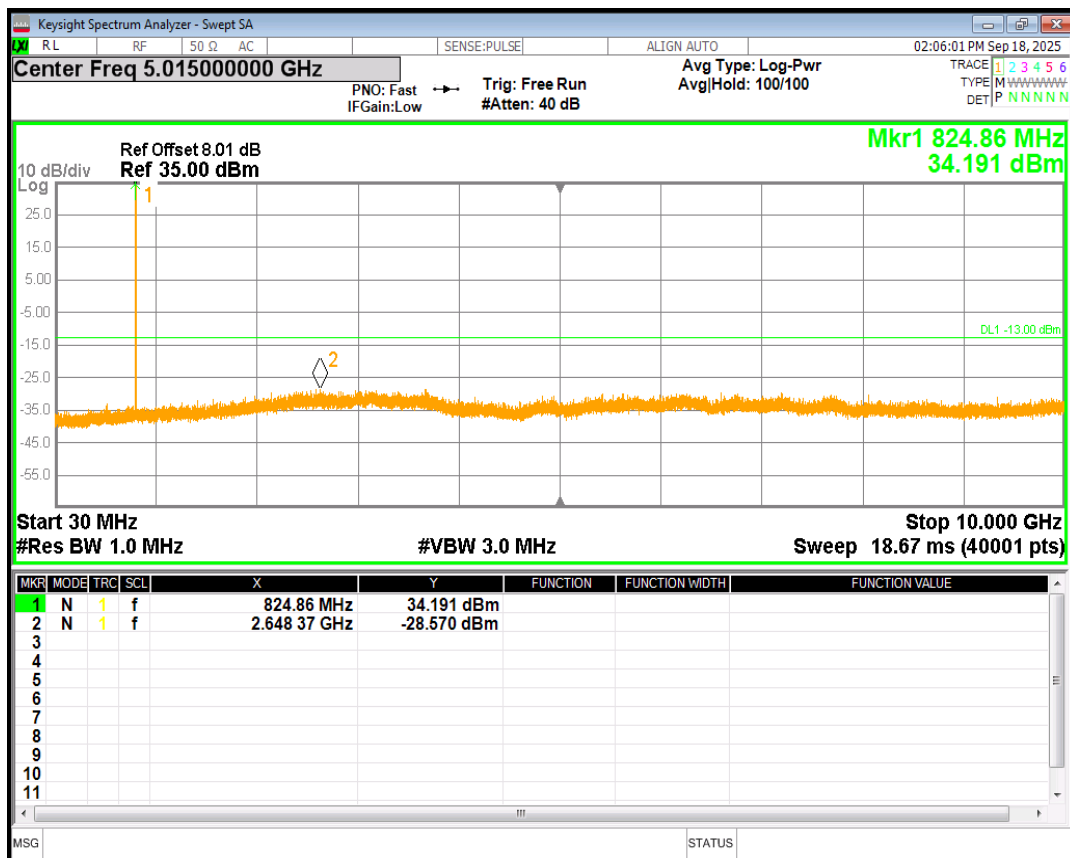
GPRS1900 Channel=661



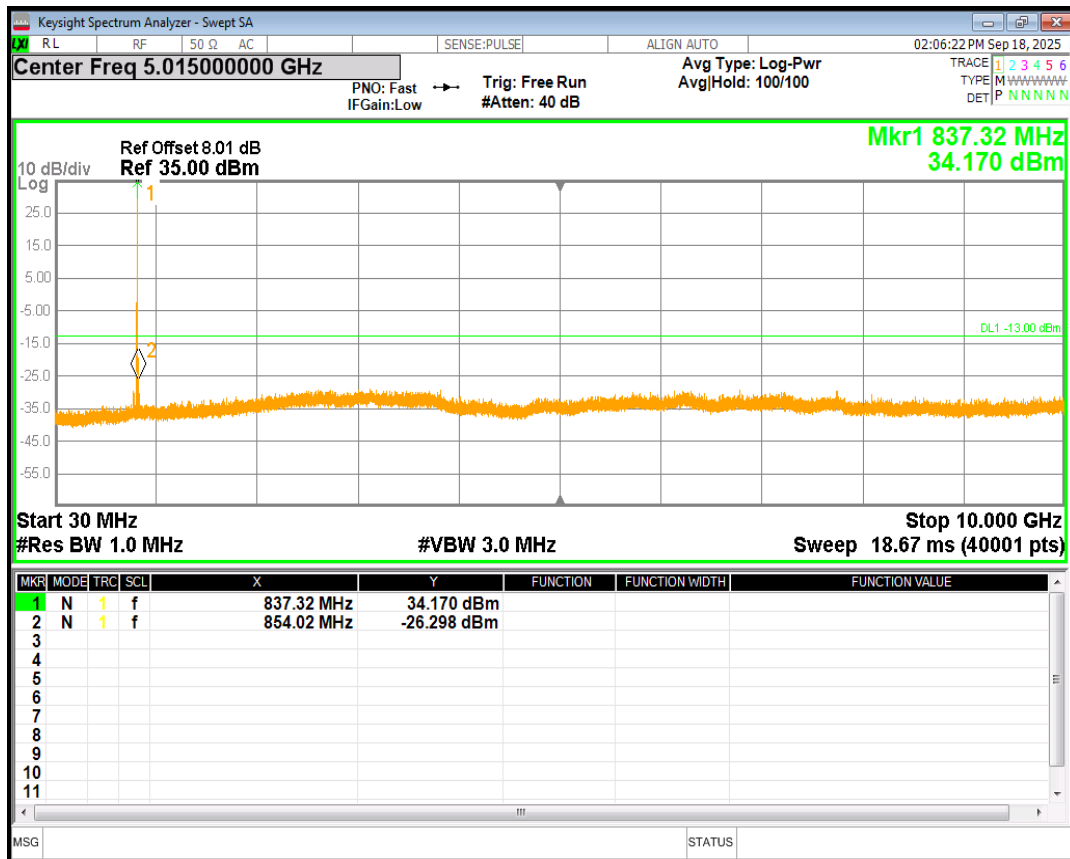
GPRS1900 Channel=810



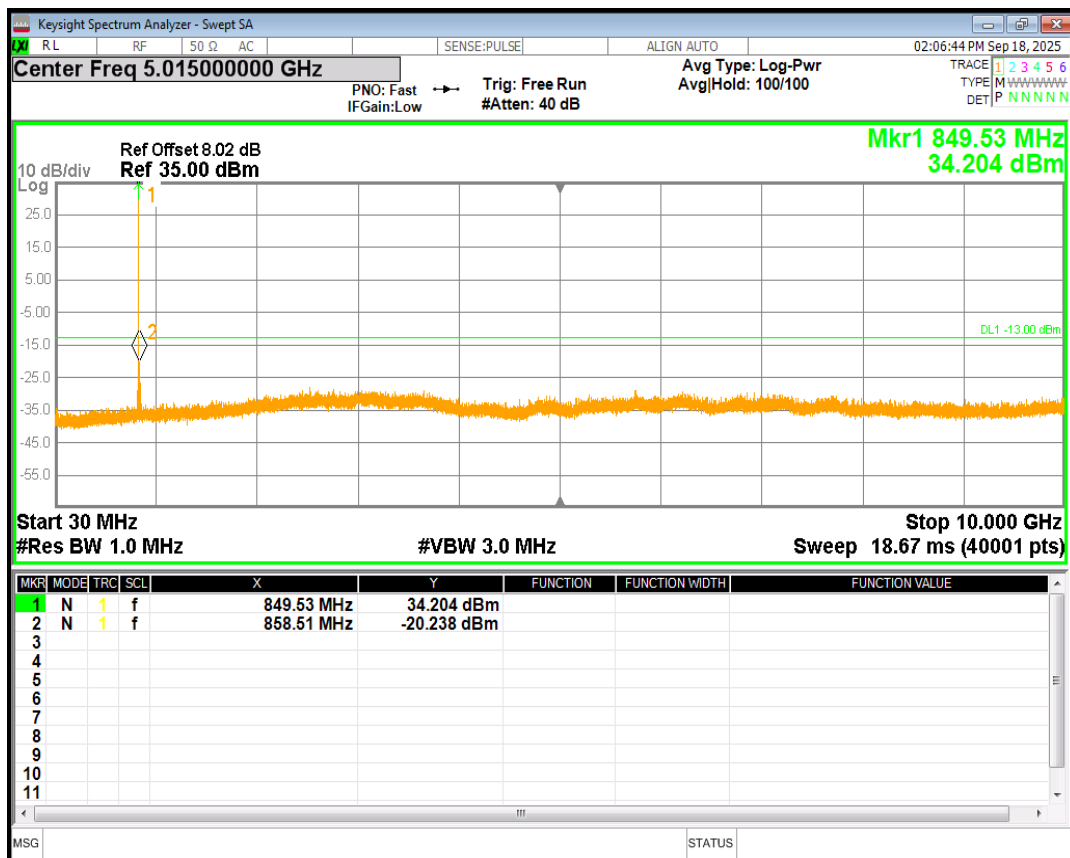
GPRS850 Channel=128



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	27.22	0	27.22	33.01	PASS
GSM1900	661	1880	25.89	0	25.89	33.01	PASS
GSM1900	810	1909.8	23.31	0	23.31	33.01	PASS
Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
GSM850	128	824.2	33.97	0	31.82	38.45	PASS
GSM850	190	836.6	33.95	0	31.80	38.45	PASS
GSM850	251	848.8	33.94	0	31.79	38.45	PASS

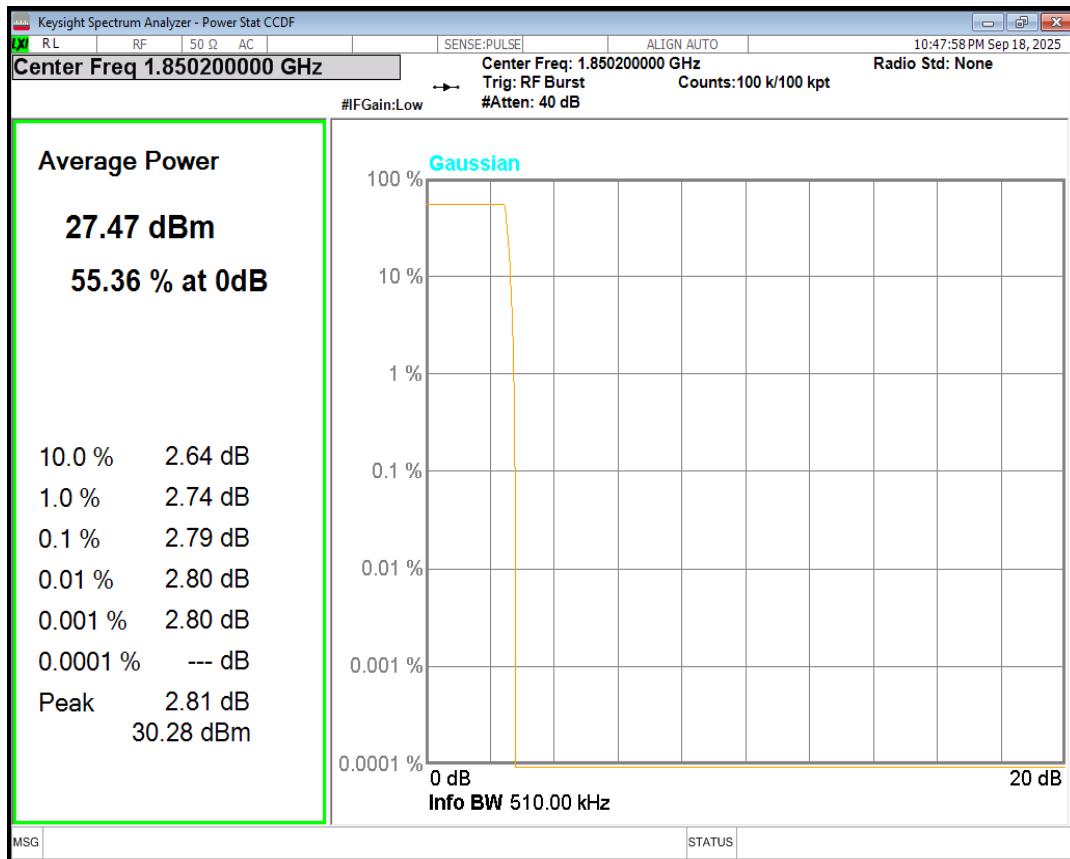
02 Frequency stability

Band	Channel	Frequency (MHz)	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
GSM1900	512	1850.2	31.28	0.017	-2.5	2.5	PASS
GSM1900	661	1880	25.83	0.014	-2.5	2.5	PASS
GSM1900	810	1909.8	32.38	0.017	-2.5	2.5	PASS
GSM850	128	824.2	5.29	0.006	-2.5	2.5	PASS
GSM850	190	836.6	14.24	0.017	-2.5	2.5	PASS
GSM850	251	848.8	12.07	0.014	-2.5	2.5	PASS

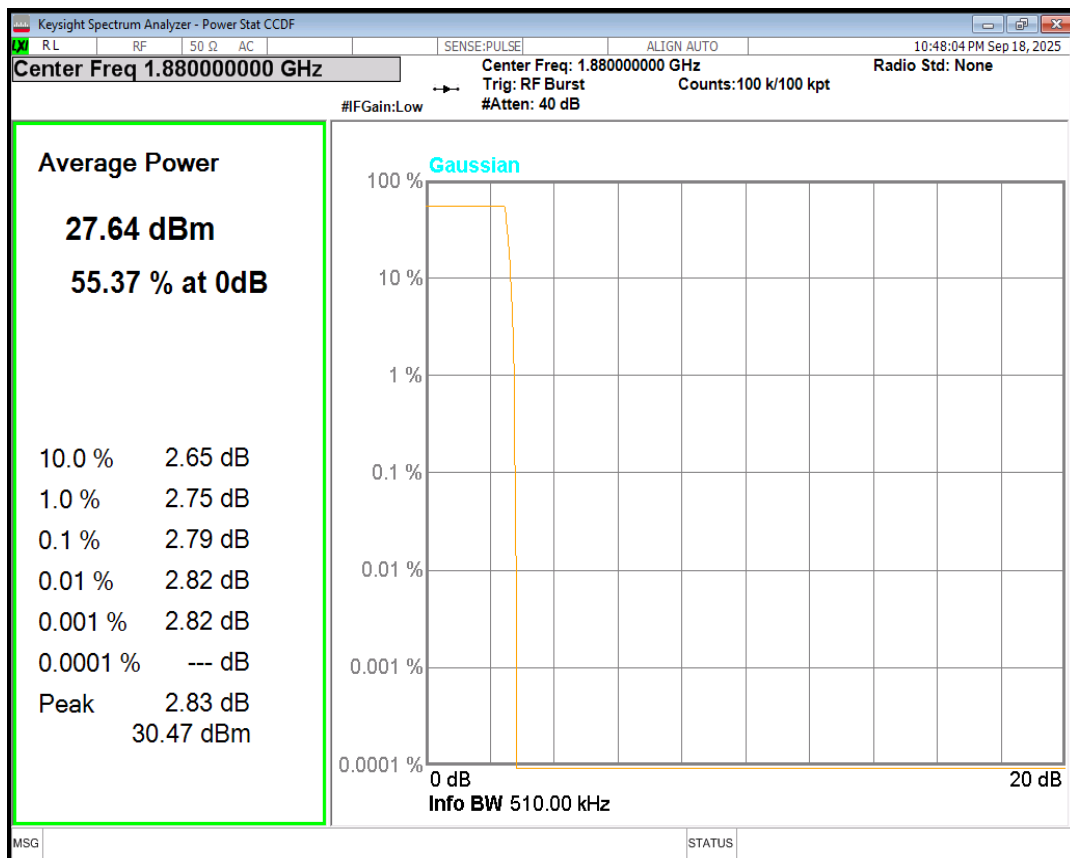
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.79	13	PASS
GSM1900	661	1880	2.79	13	PASS
GSM1900	810	1909.8	2.81	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

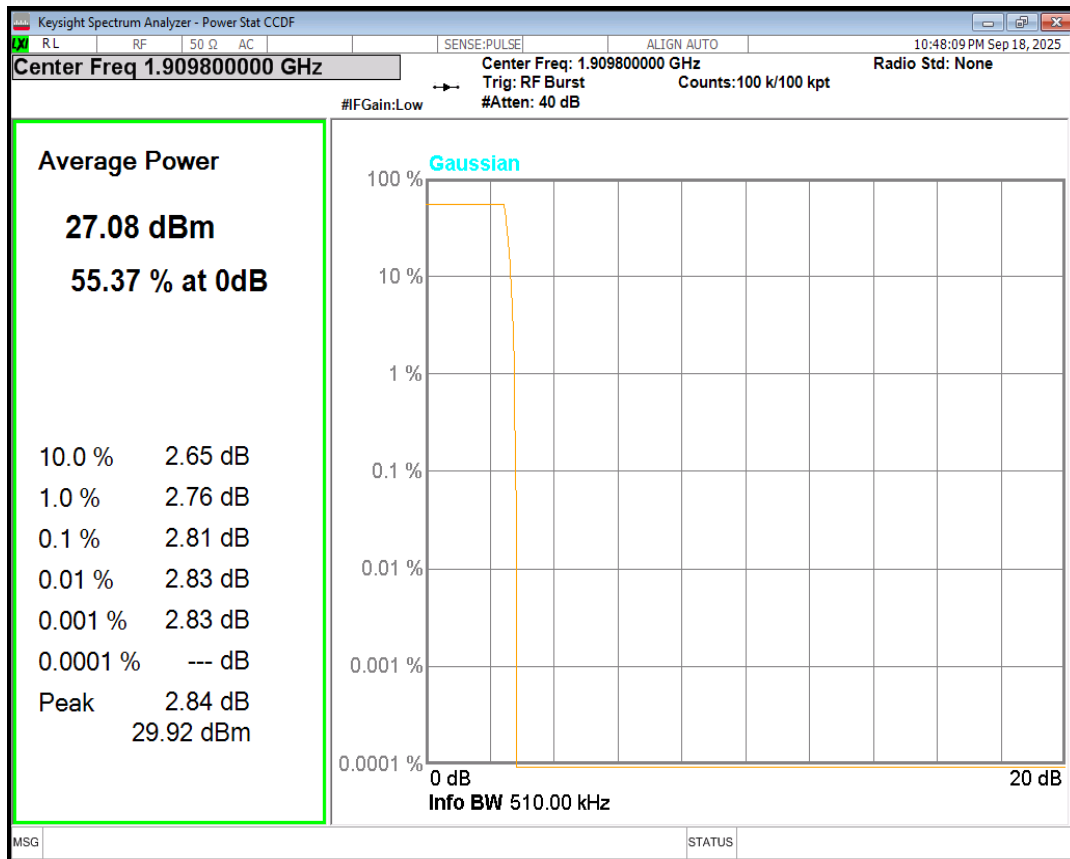
GSM1900 Channel=512



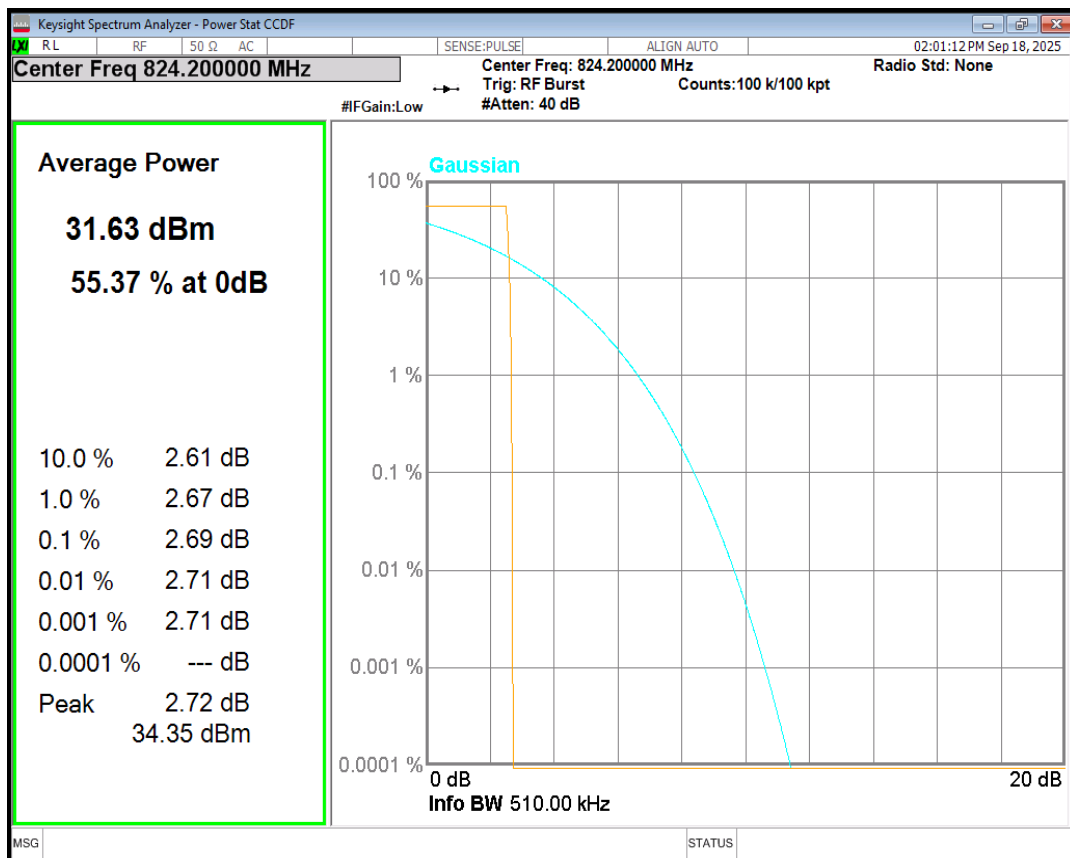
GSM1900 Channel=661



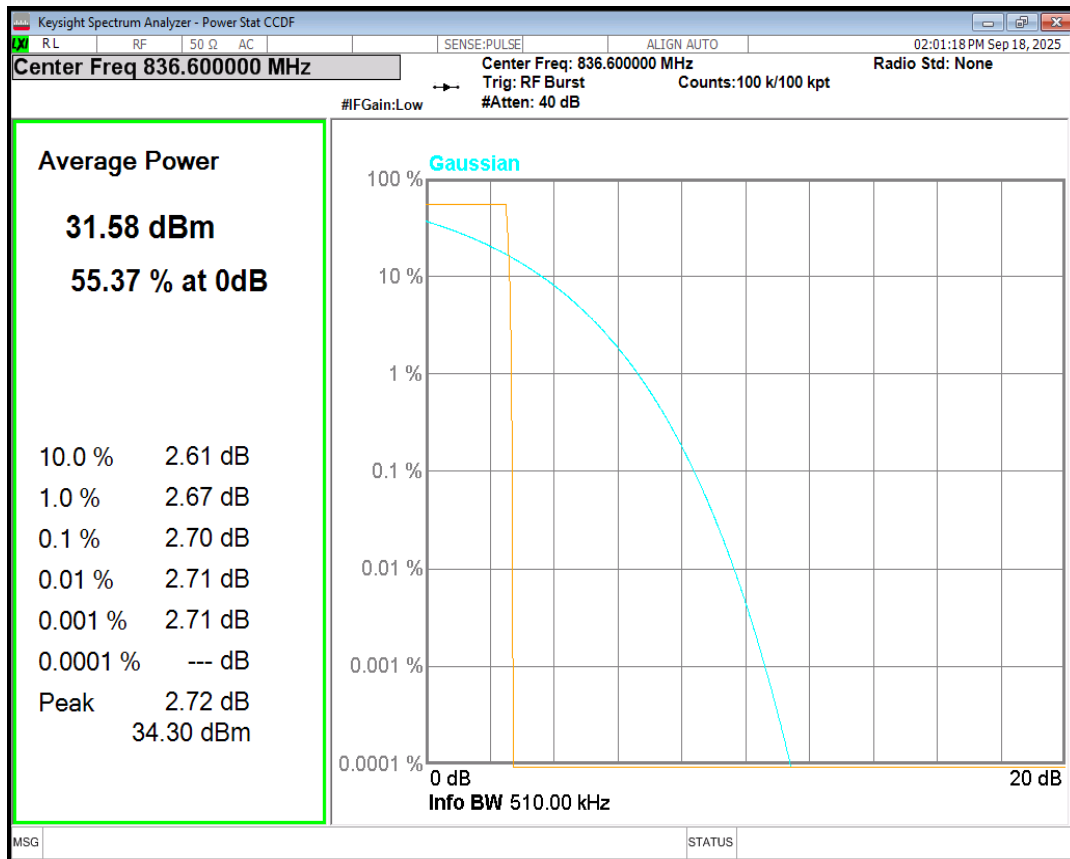
GSM1900 Channel=810



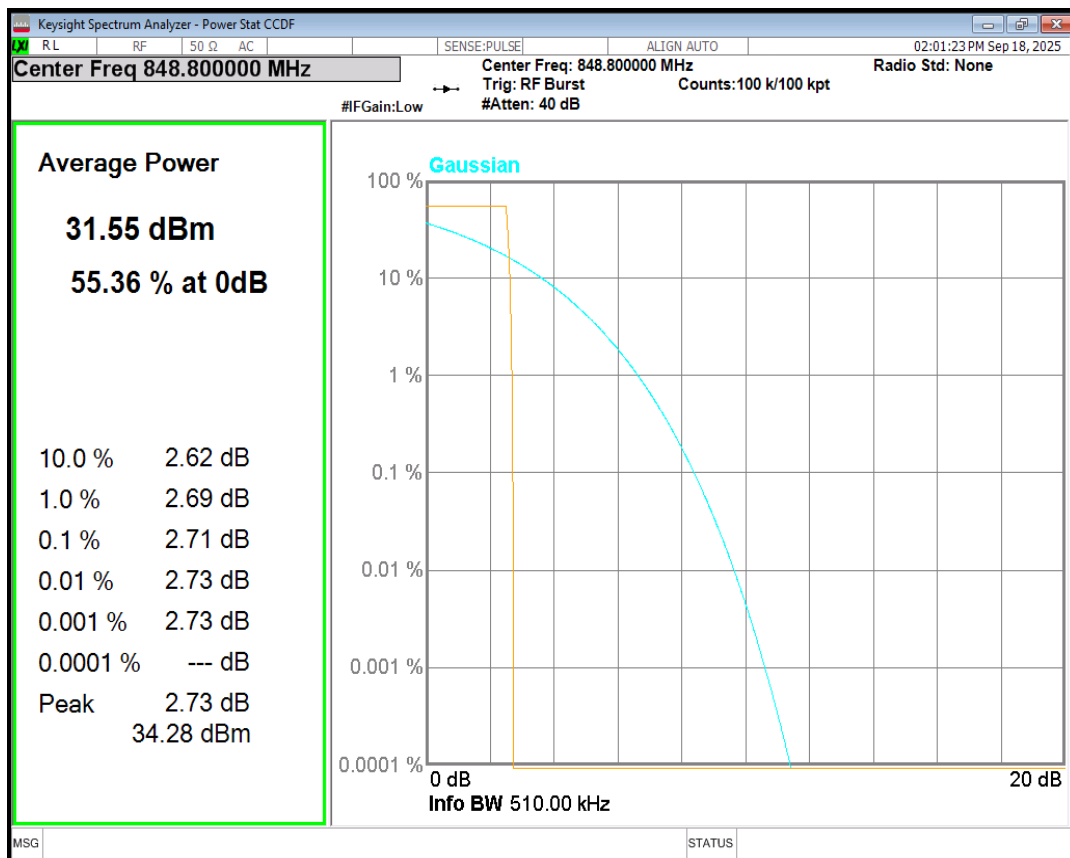
GSM850 Channel=128



GSM850 Channel=190



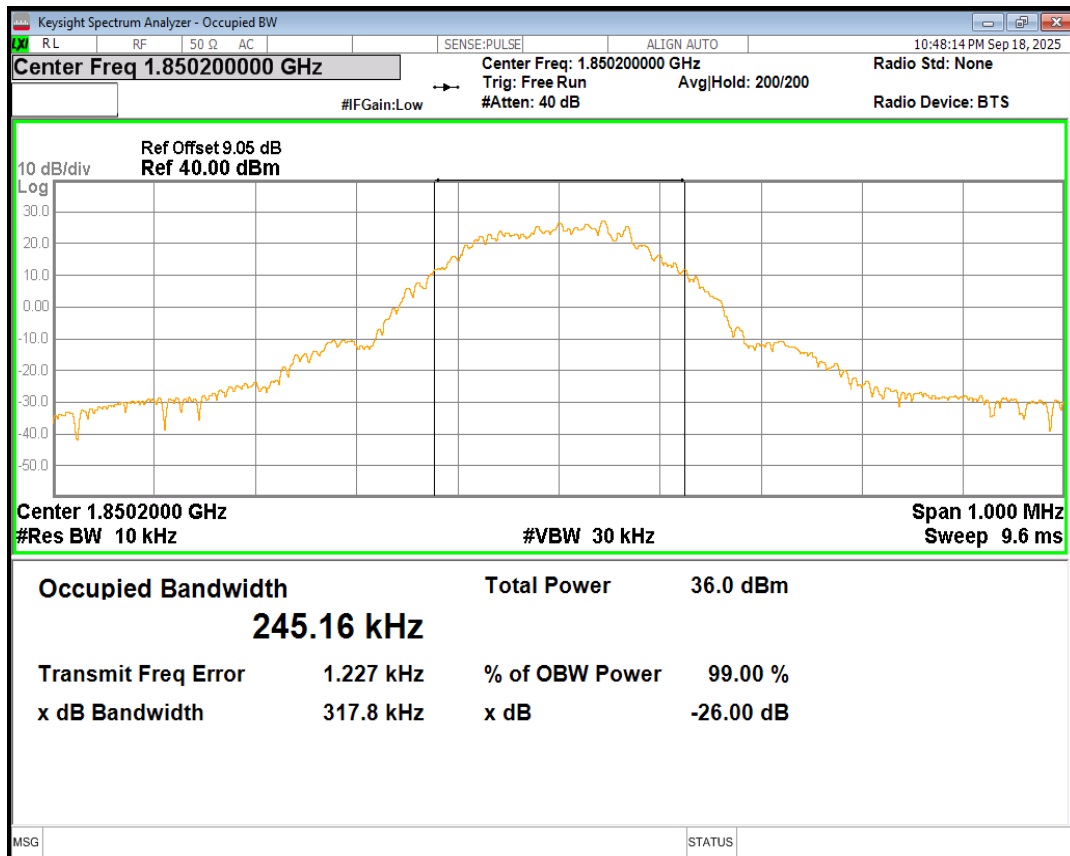
GSM850 Channel=251



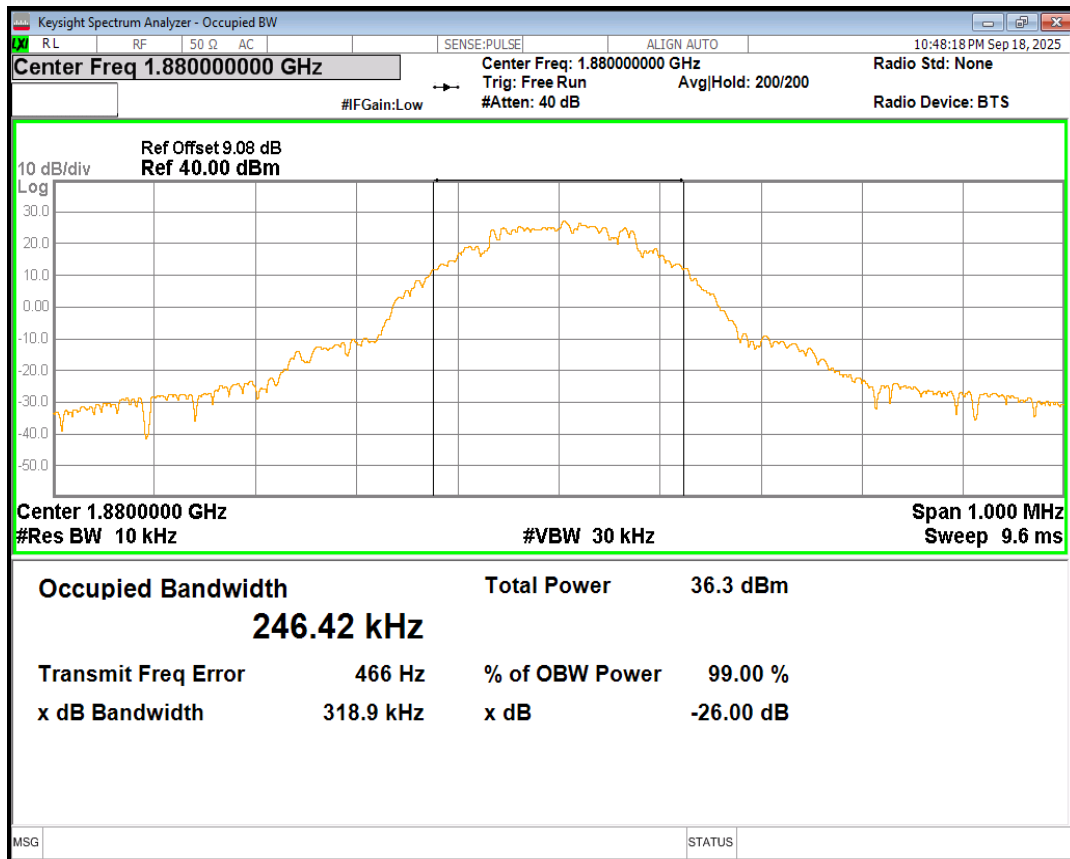
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	245.161	317.793	PASS
GSM1900	661	1880	246.418	318.903	PASS
GSM1900	810	1909.8	244.743	316.375	PASS
GSM850	128	824.2	246.084	316.014	PASS
GSM850	190	836.6	245.720	317.435	PASS
GSM850	251	848.8	244.322	313.270	PASS

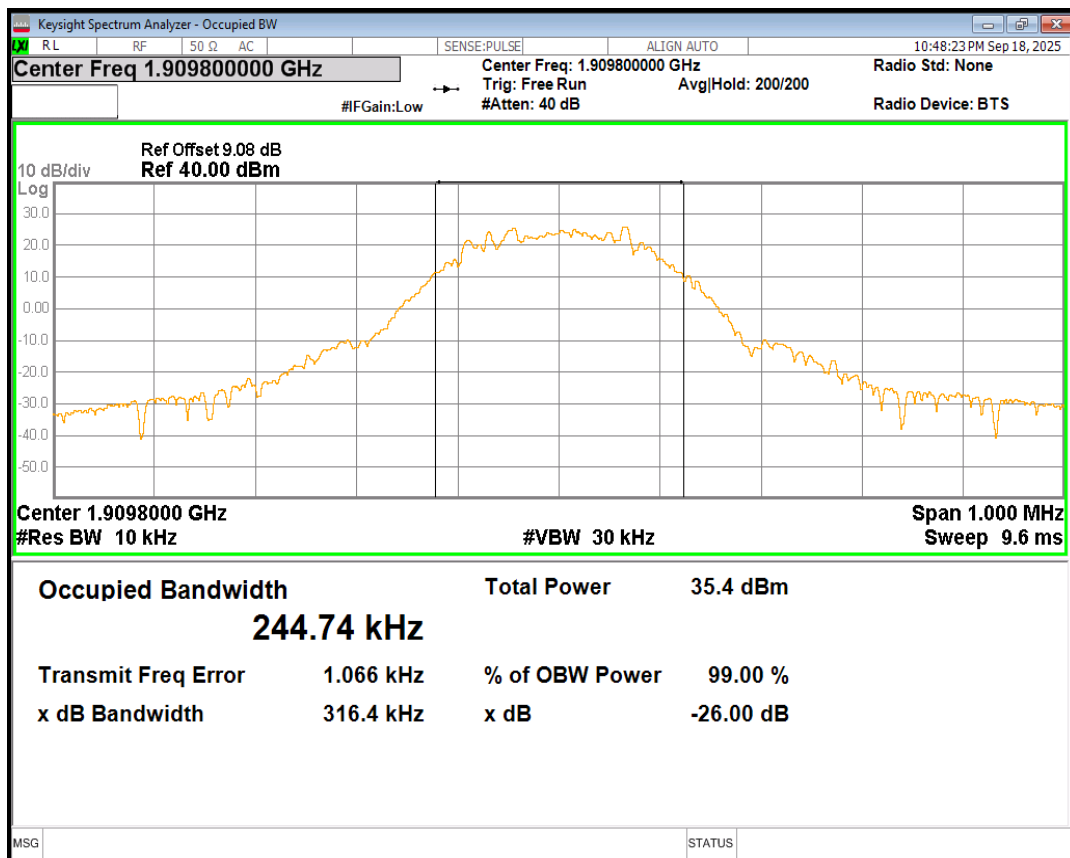
GSM1900 Channel=512



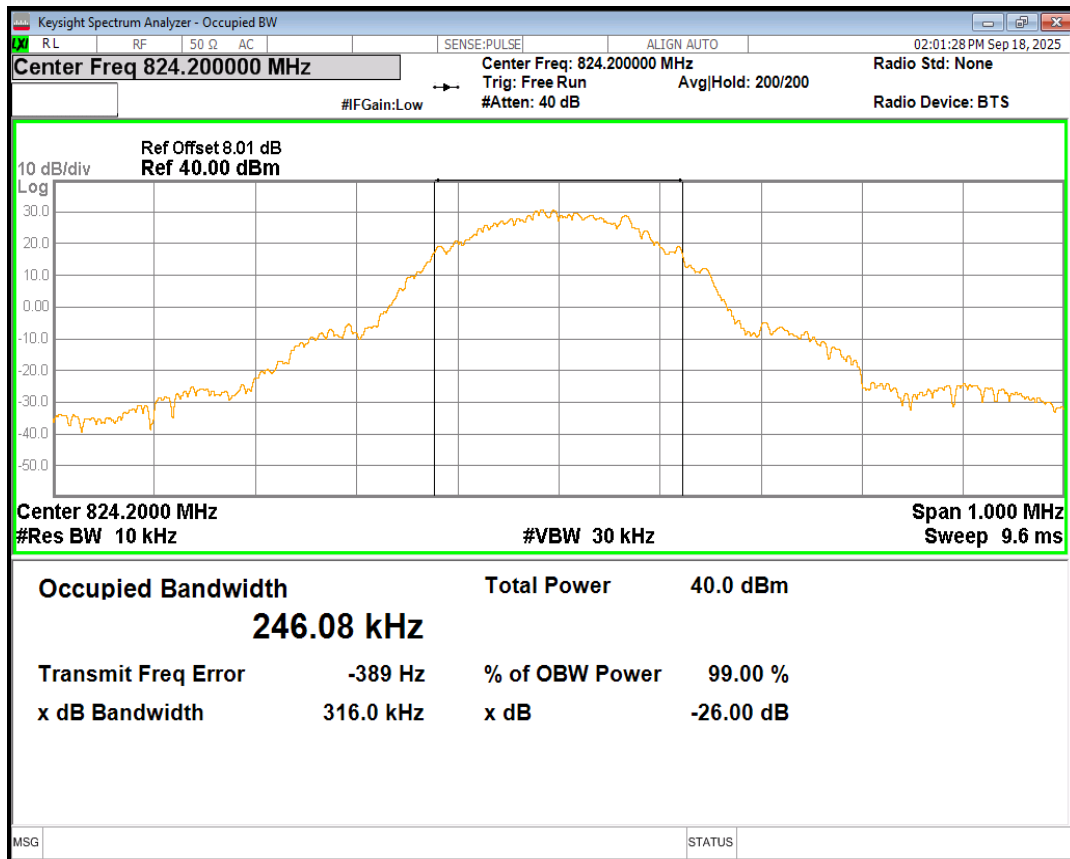
GSM1900 Channel=661



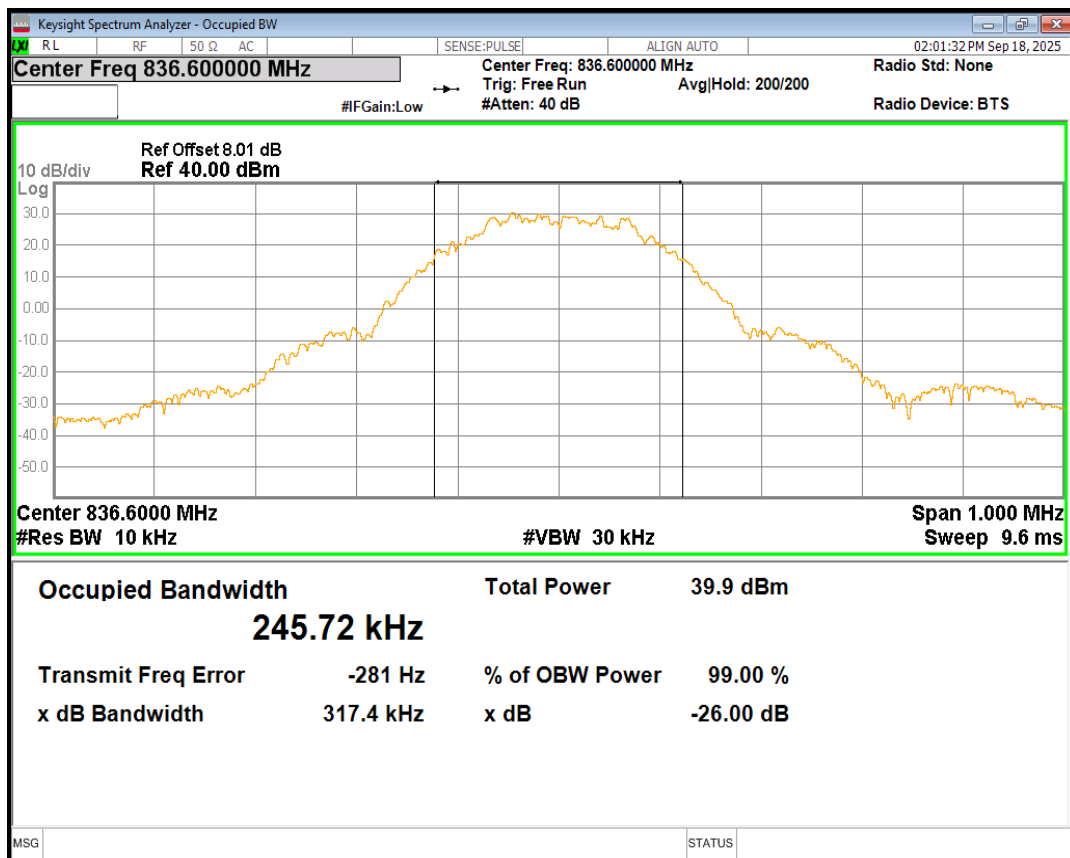
GSM1900 Channel=810



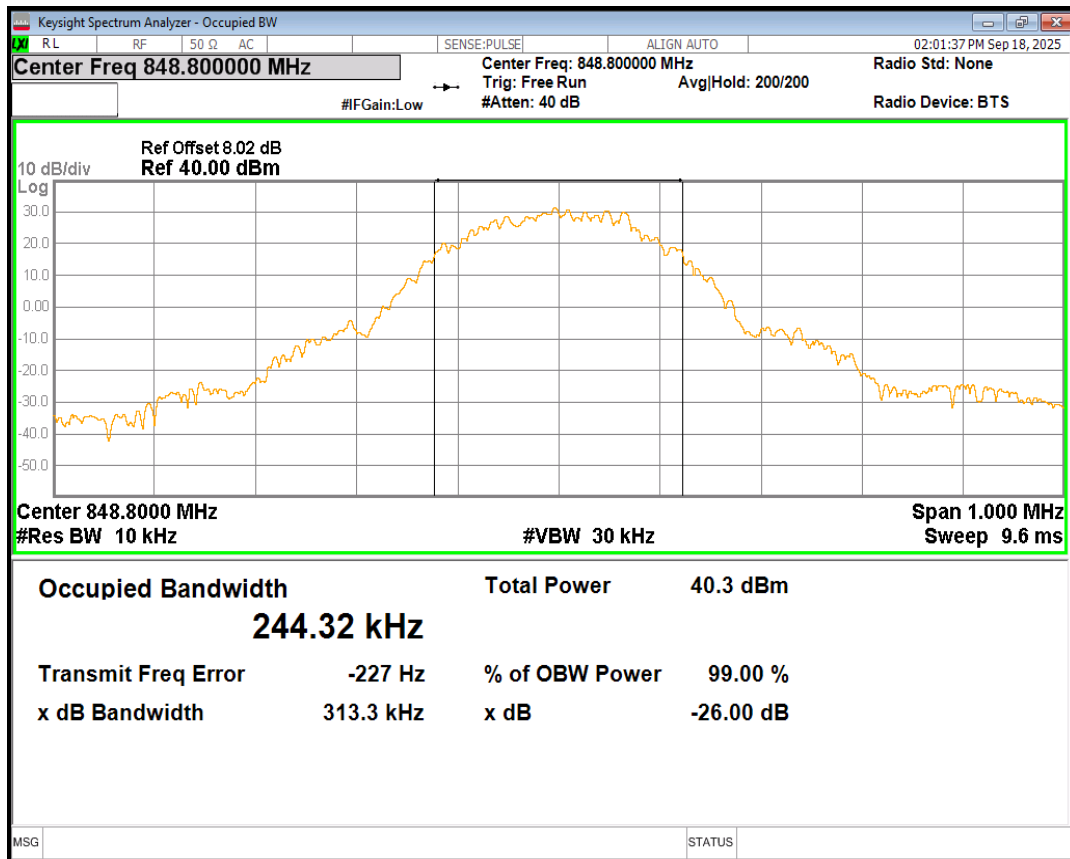
GSM850 Channel=128



GSM850 Channel=190



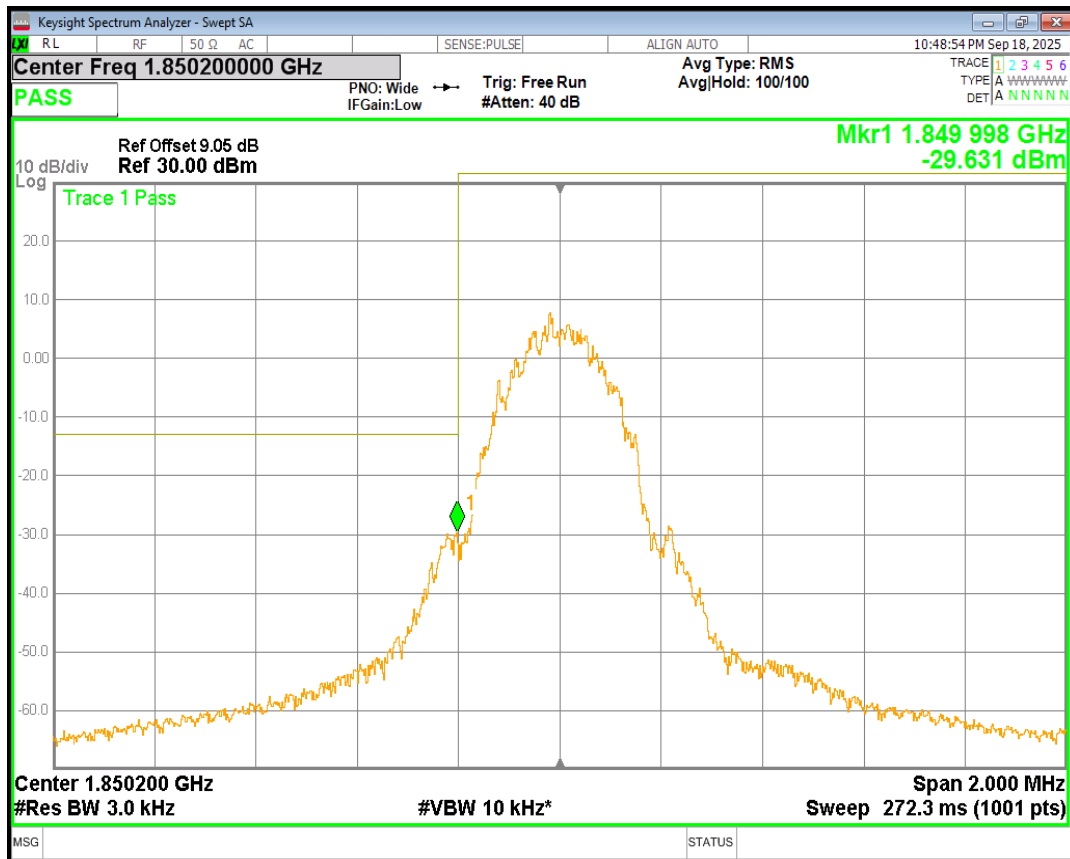
GSM850 Channel=251



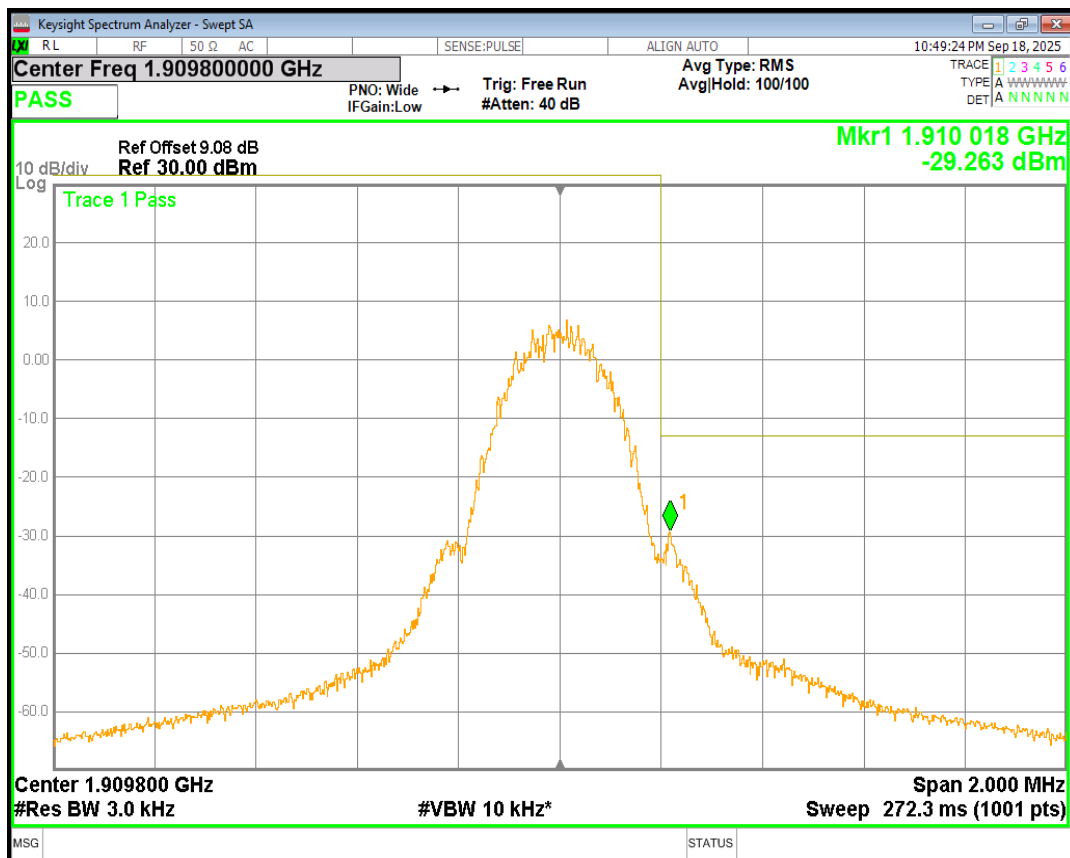
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1850.00	-29.63	-13	PASS
GSM1900	810	1909.8	1910.02	-29.26	-13	PASS
GSM850	128	824.2	823.98	-26.09	-13	PASS
GSM850	251	848.8	849.02	-24.21	-13	PASS

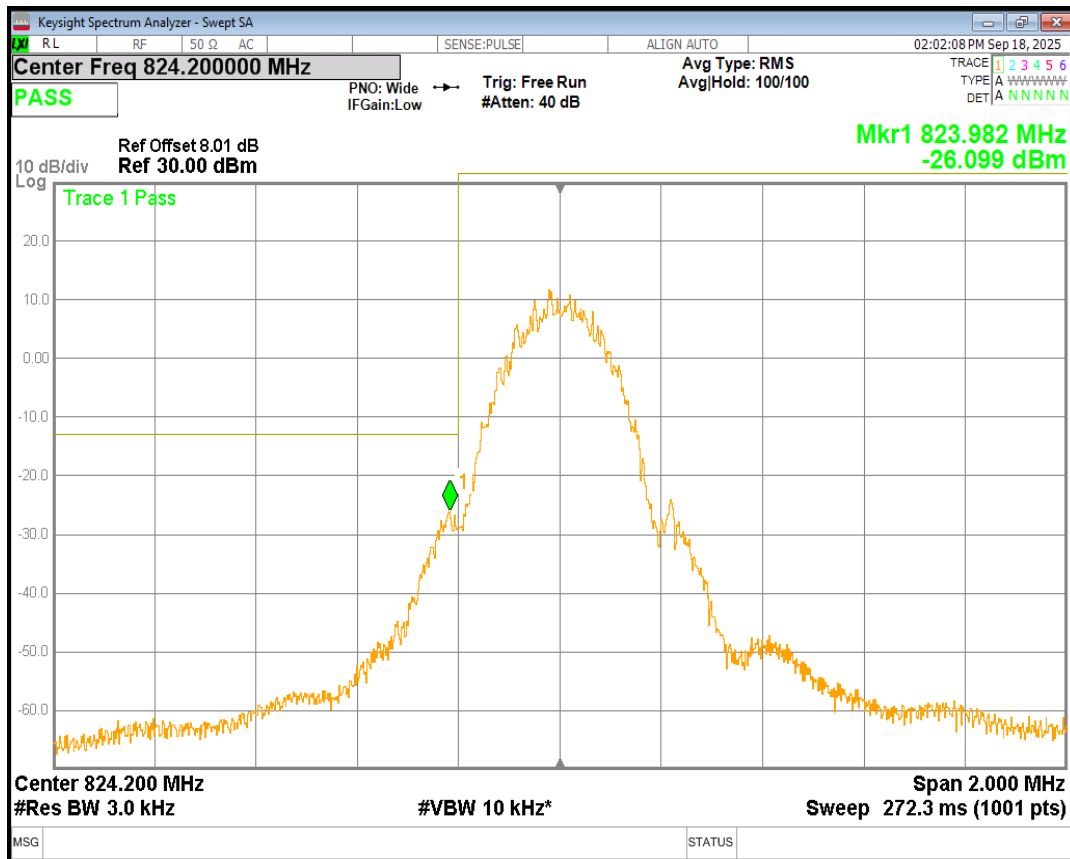
GSM1900 Channel=512



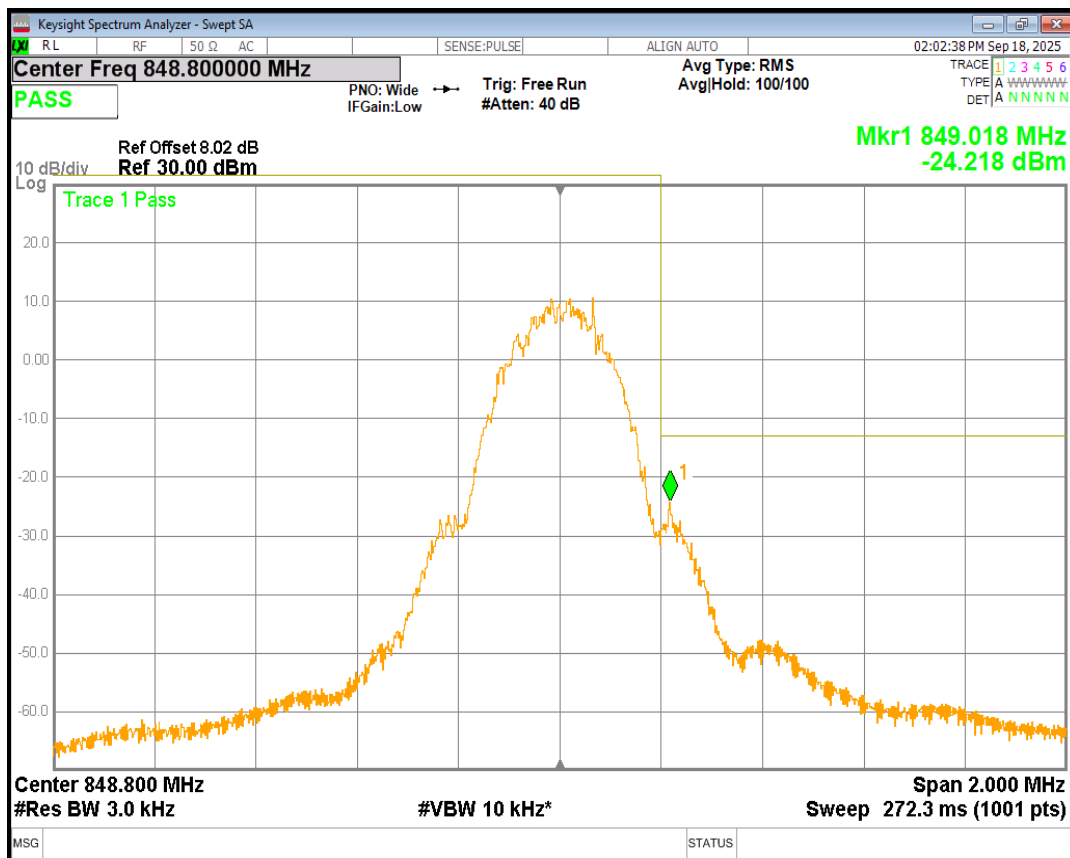
GSM1900 Channel=810



GSM850 Channel=128



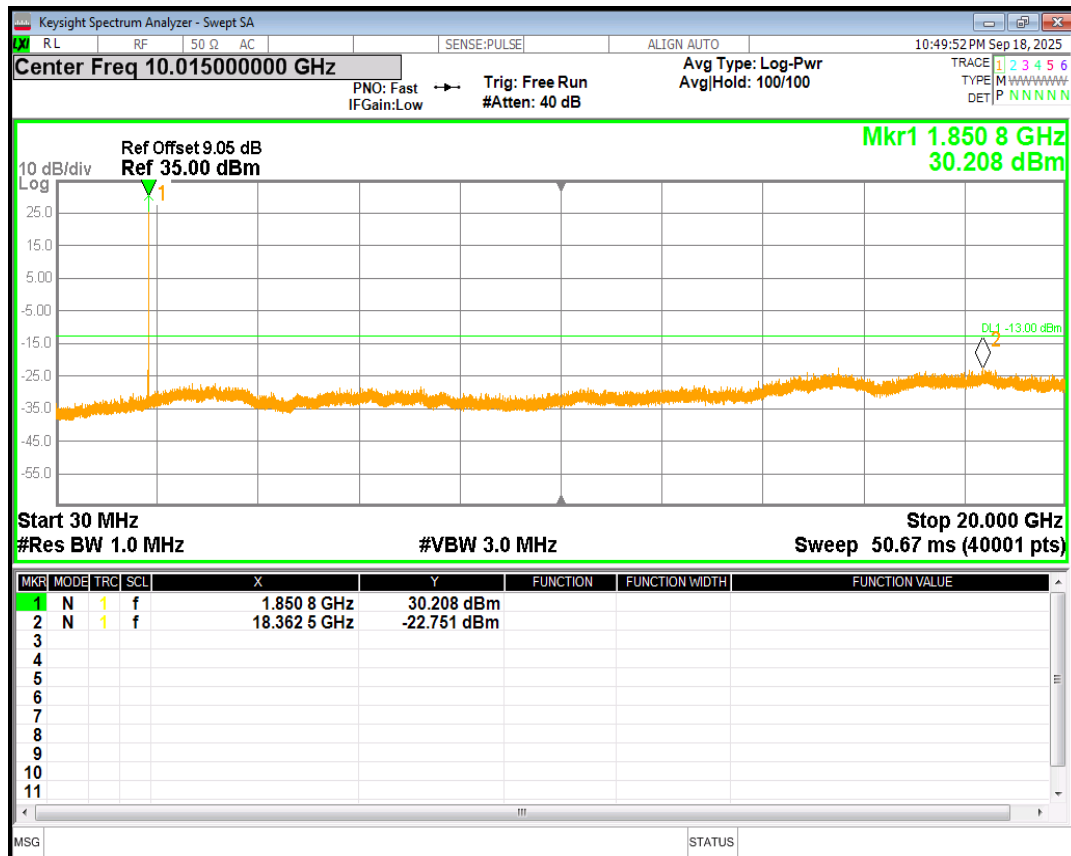
GSM850 Channel=251



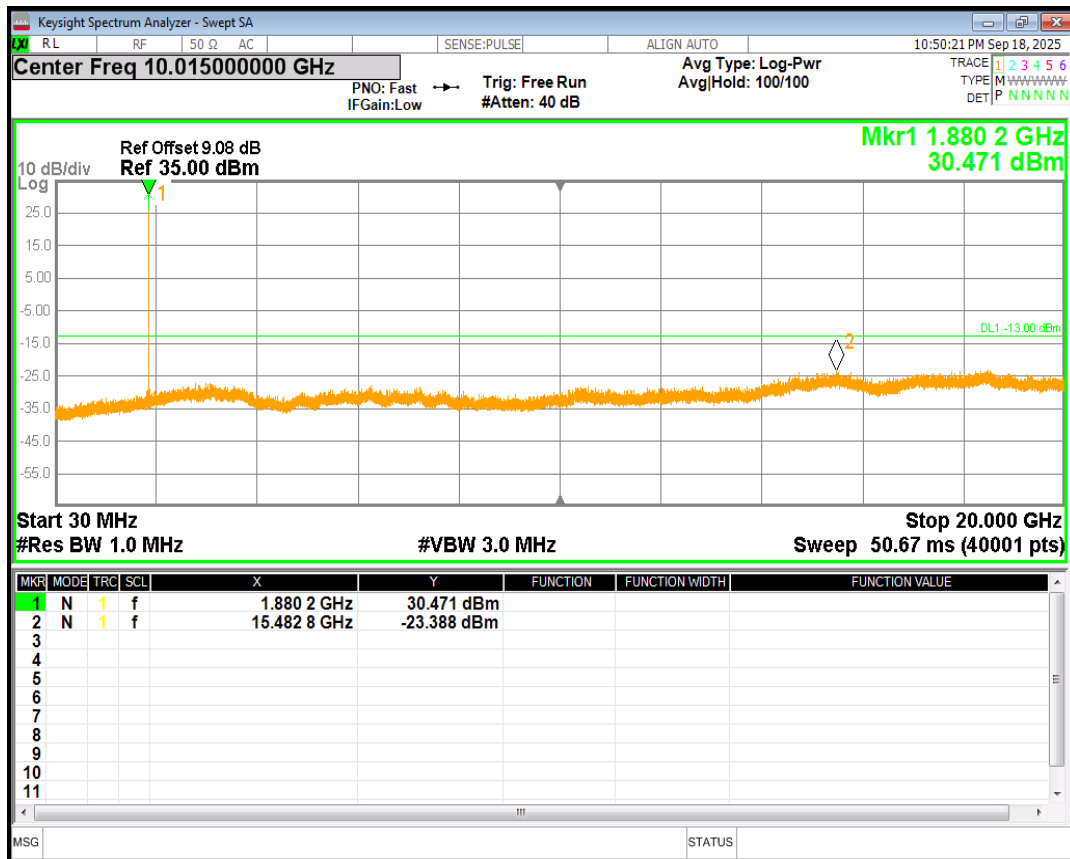
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	18362.46	-22.75	-13	PASS
GSM1900	661	1880	15482.79	-23.38	-13	PASS
GSM1900	810	1909.8	18504.75	-23.06	-13	PASS
GSM850	128	824.2	802.92	-27.22	-13	PASS
GSM850	190	836.6	818.13	-26.00	-13	PASS
GSM850	251	848.8	857.76	-19.93	-13	PASS

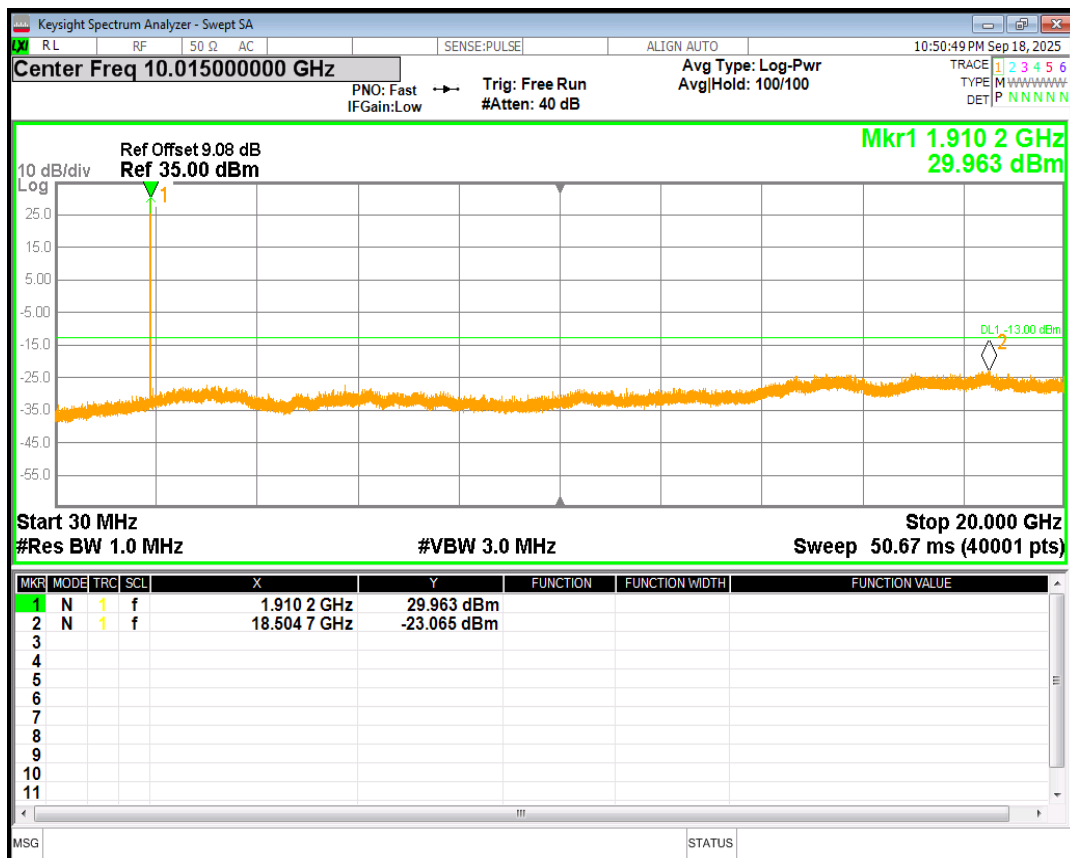
GSM1900 Channel=512



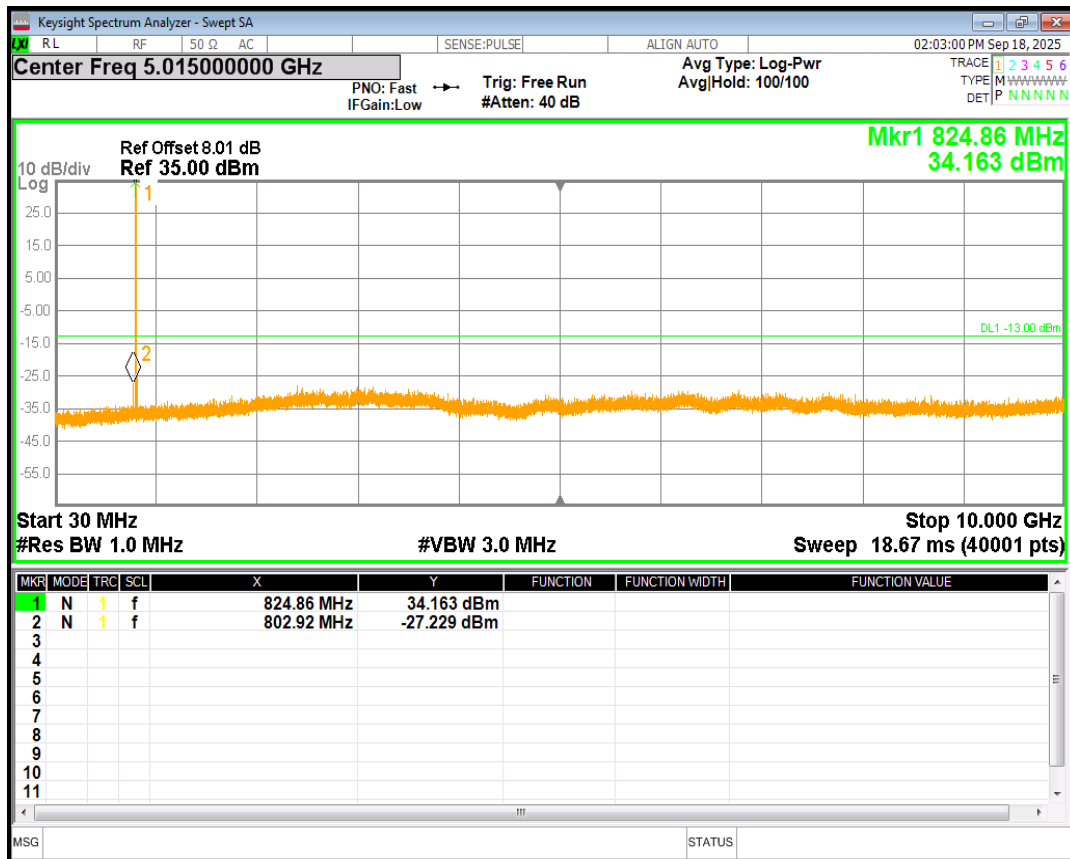
GSM1900 Channel=661



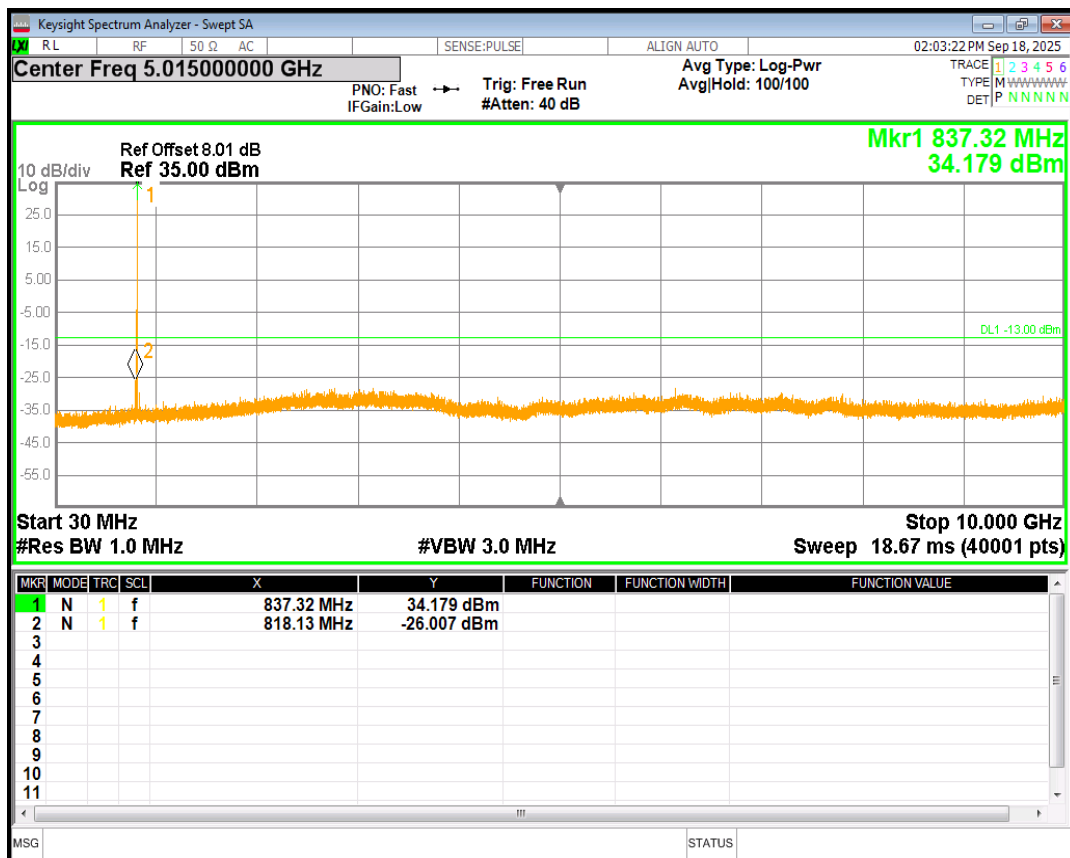
GSM1900 Channel=810



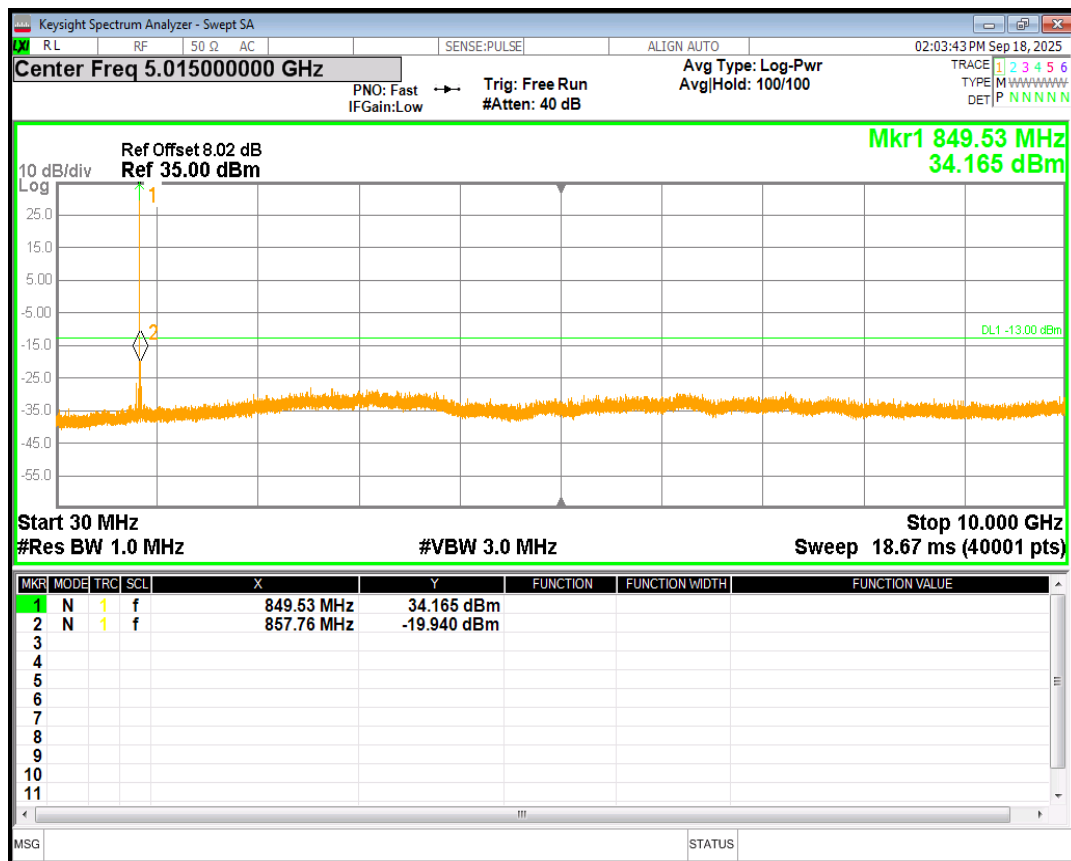
GSM850 Channel=128



GSM850 Channel=190



GSM850 Channel=251



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
GPRS850 1 Slot	128	824.2	33.90	0	31.75	38.45	PASS
GPRS850 1 Slot	190	836.6	33.88	0	31.73	38.45	PASS
GPRS850 1 Slot	251	848.8	33.87	0	31.72	38.45	PASS
GPRS850 2 Slot	128	824.2	32.96	0	30.81	38.45	PASS
GPRS850 2 Slot	190	836.6	32.94	0	30.79	38.45	PASS
GPRS850 2 Slot	251	848.8	32.86	0	30.71	38.45	PASS
GPRS850 3 Slot	128	824.2	30.93	0	28.78	38.45	PASS
GPRS850 3 Slot	190	836.6	30.94	0	28.79	38.45	PASS
GPRS850 3 Slot	251	848.8	30.80	0	28.65	38.45	PASS
GPRS850 4 Slot	128	824.2	29.53	0	27.38	38.45	PASS
GPRS850 4 Slot	190	836.6	29.46	0	27.31	38.45	PASS
GPRS850 4 Slot	251	848.8	29.39	0	27.24	38.45	PASS