

2G

07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GPRS1900 1 Slot	512	1850.2	30.65	PASS
GPRS1900 1 Slot	661	1880	30.63	PASS
GPRS1900 1 Slot	810	1909.8	30.69	PASS
GPRS1900 2 Slot	512	1850.2	30.43	PASS
GPRS1900 2 Slot	661	1880	30.35	PASS
GPRS1900 2 Slot	810	1909.8	30.34	PASS
GPRS1900 3 Slot	512	1850.2	29.99	PASS
GPRS1900 3 Slot	661	1880	29.86	PASS
GPRS1900 3 Slot	810	1909.8	29.75	PASS
GPRS1900 4 Slot	512	1850.2	29.76	PASS
GPRS1900 4 Slot	661	1880	29.60	PASS
GPRS1900 4 Slot	810	1909.8	29.45	PASS
GPRS850 1 Slot	128	824.2	33.65	PASS
GPRS850 1 Slot	189	836.4	33.74	PASS
GPRS850 1 Slot	251	848.8	33.62	PASS
GPRS850 2 Slot	128	824.2	33.43	PASS
GPRS850 2 Slot	189	836.4	33.52	PASS
GPRS850 2 Slot	251	848.8	33.40	PASS
GPRS850 3 Slot	128	824.2	33.01	PASS
GPRS850 3 Slot	189	836.4	33.10	PASS
GPRS850 3 Slot	251	848.8	33.00	PASS
GPRS850 4 Slot	128	824.2	32.72	PASS
GPRS850 4 Slot	189	836.4	32.80	PASS
GPRS850 4 Slot	251	848.8	32.77	PASS

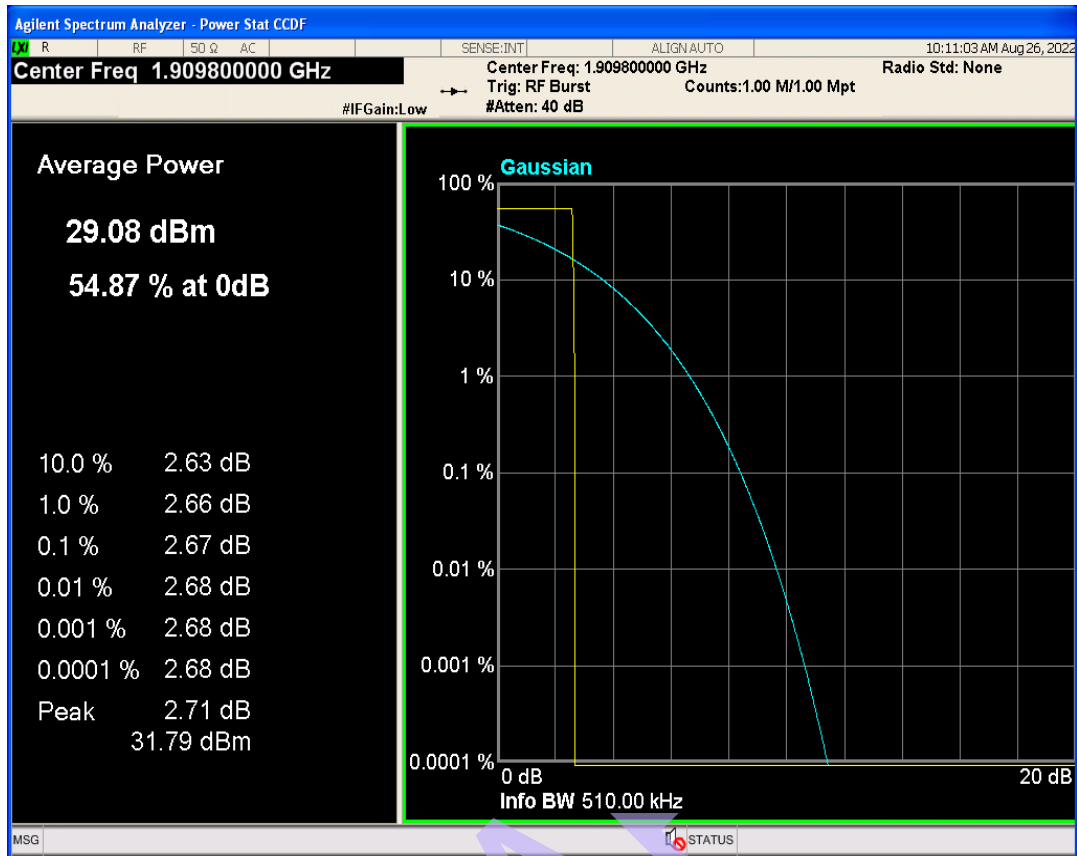
09 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GPRS1900	512	1850.2	2.69	13.00	PASS
GPRS1900	661	1880	2.69	13.00	PASS
GPRS1900	810	1909.8	2.68	13.00	PASS
GPRS850	128	824.2	2.71	13.00	PASS
GPRS850	189	836.4	2.68	13.00	PASS
GPRS850	251	848.8	2.69	13.00	PASS

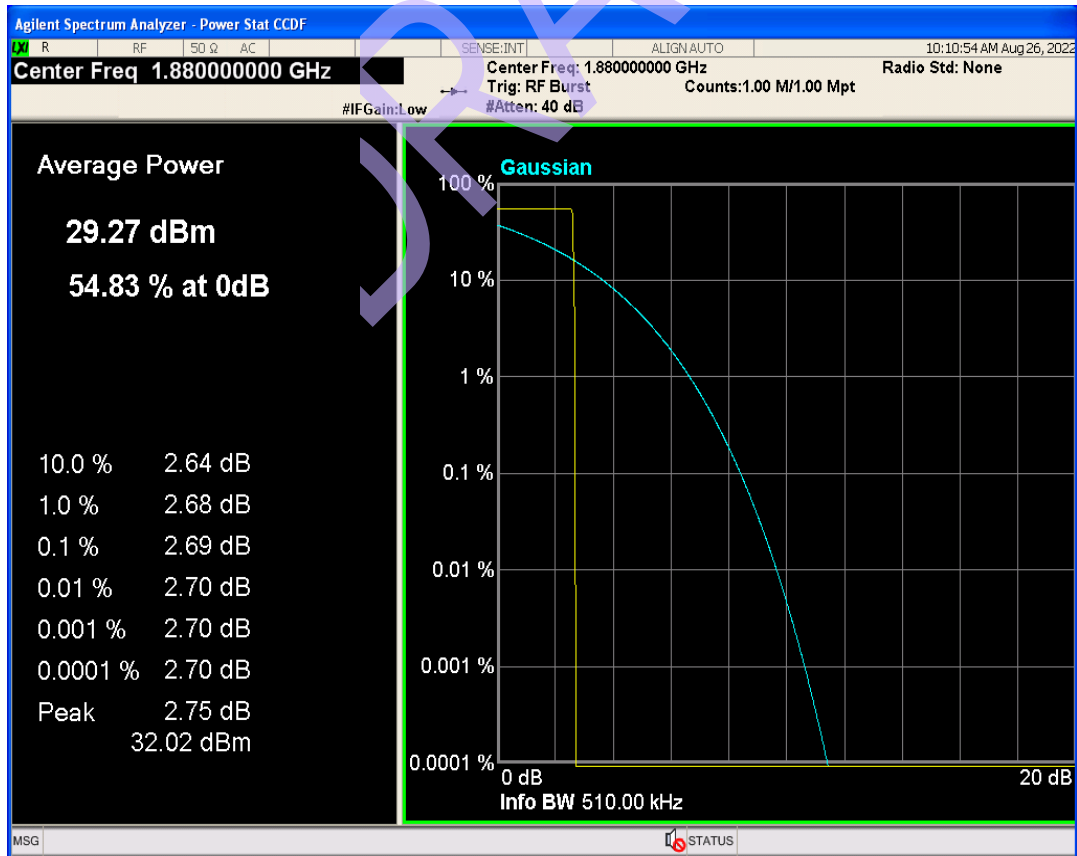
GPRS1900 Channel=512



GPRS1900 Channel=810



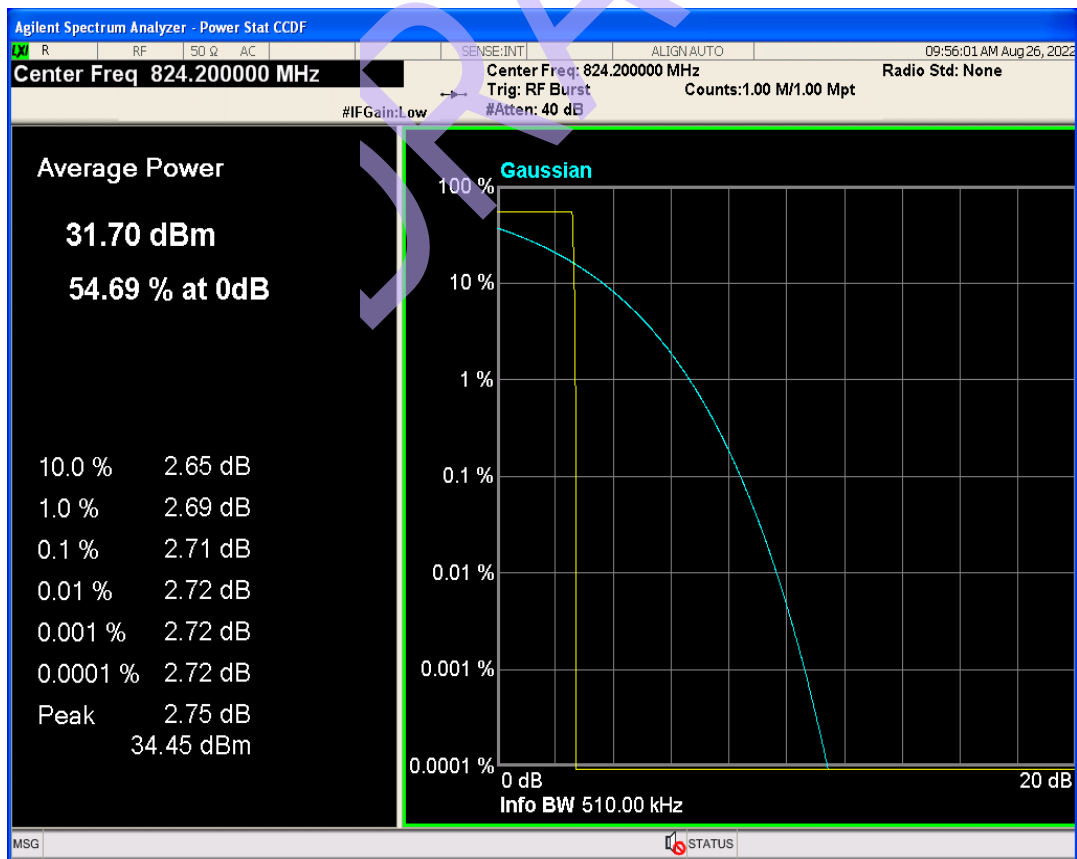
GPRS1900 Channel=661



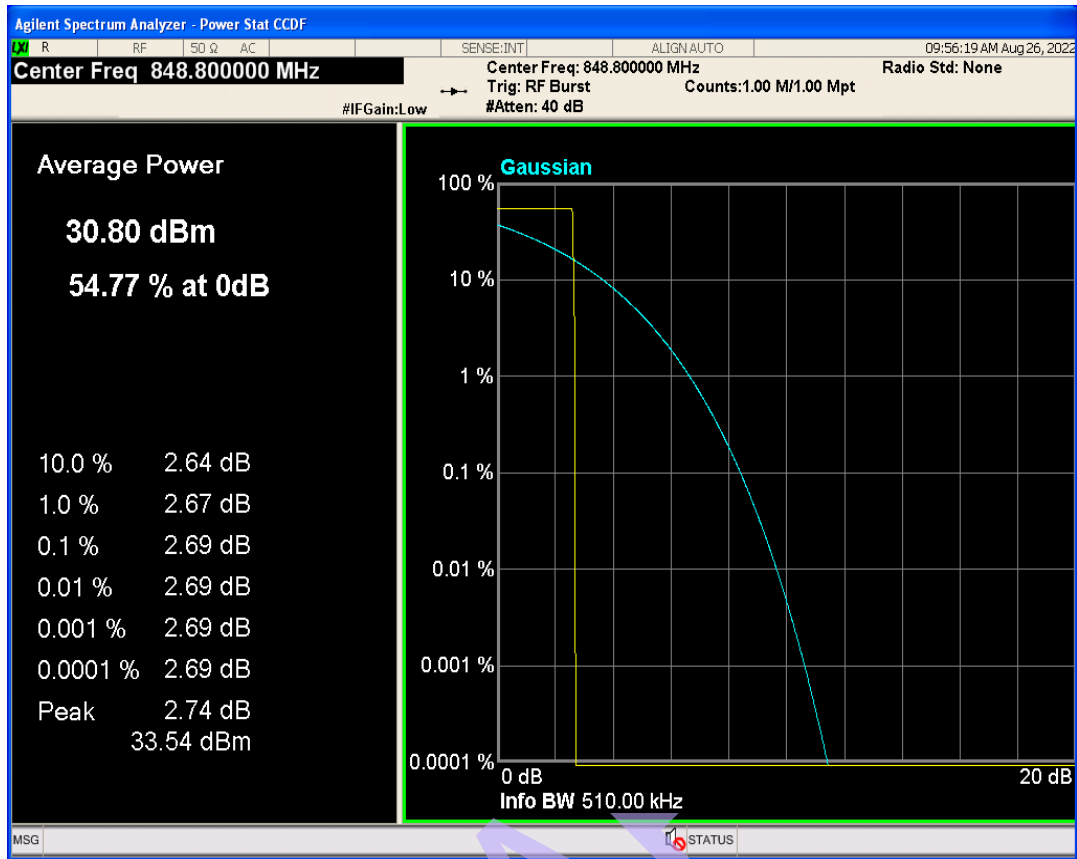
GPRS850 Channel=189



GPRS850 Channel=128



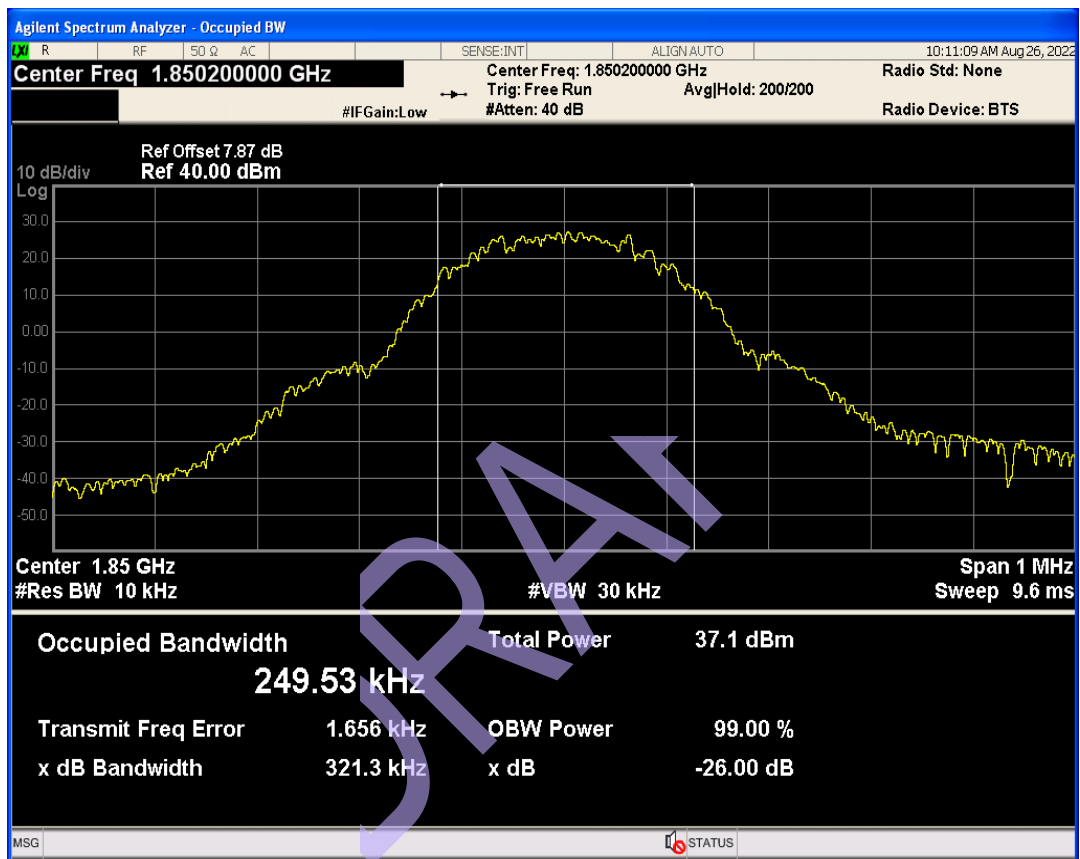
GPRS850 Channel=251



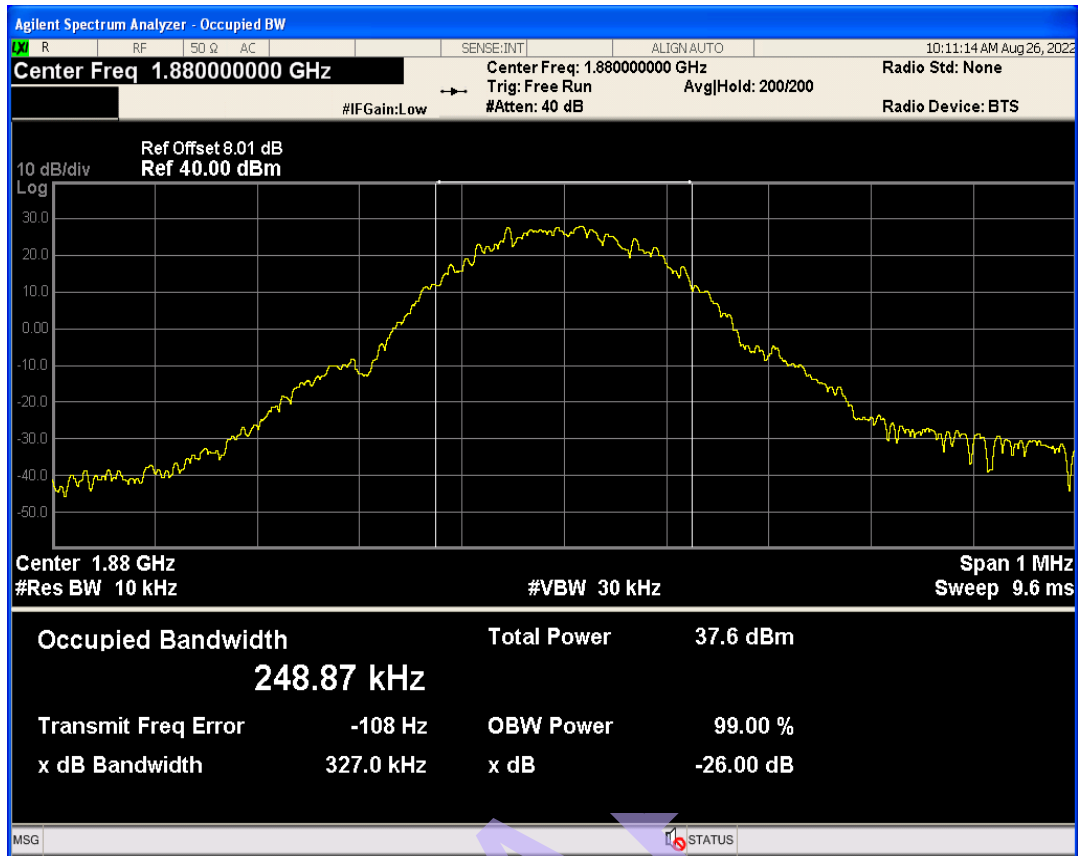
10 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GPRS1900	512	1850.2	249.526	321.285	PASS
GPRS1900	661	1880	248.871	327.010	PASS
GPRS1900	810	1909.8	249.303	323.609	PASS
GPRS850	128	824.2	253.212	312.197	PASS
GPRS850	189	836.4	245.131	314.150	PASS
GPRS850	251	848.8	242.372	318.887	PASS

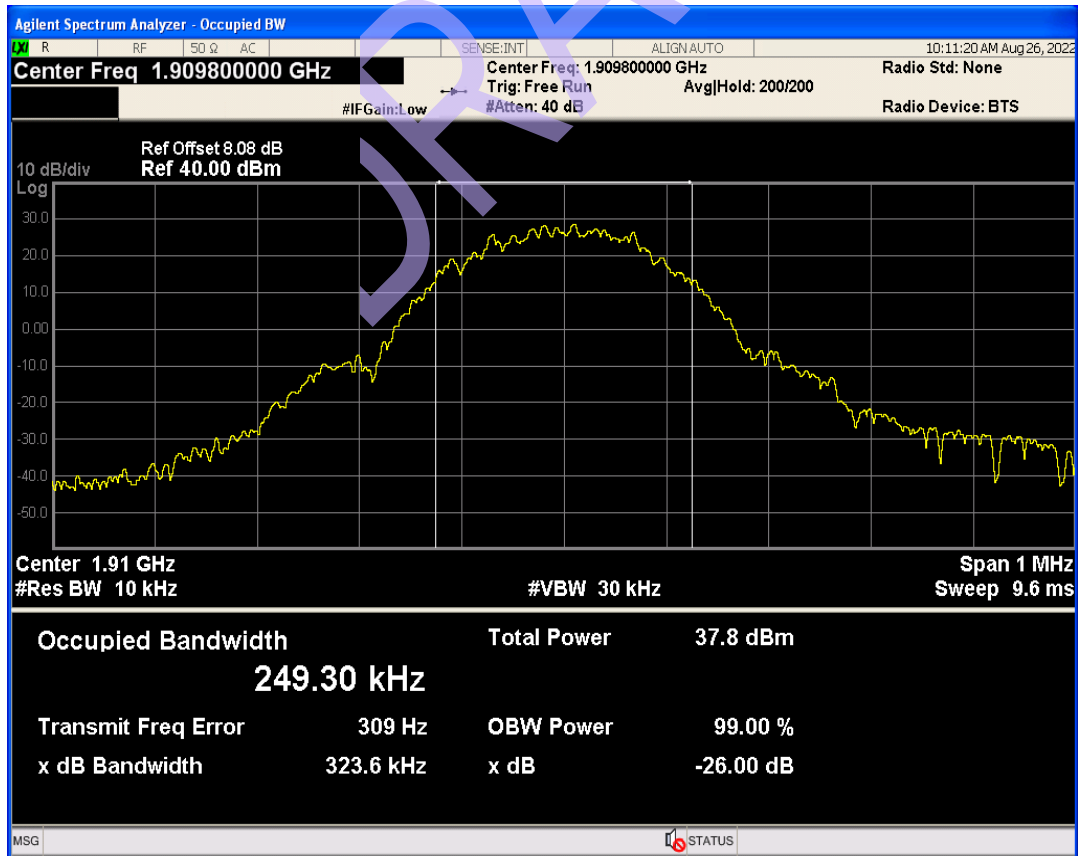
GPRS1900 Channel=512



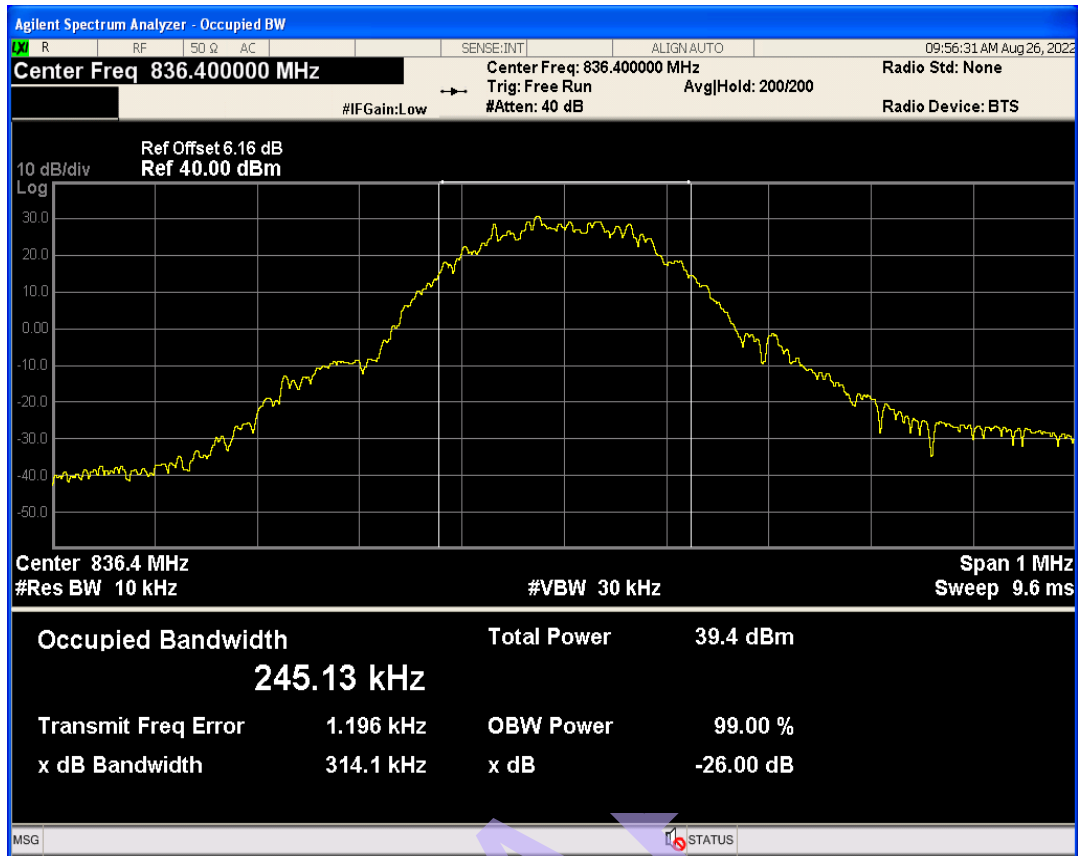
GPRS1900 Channel=661



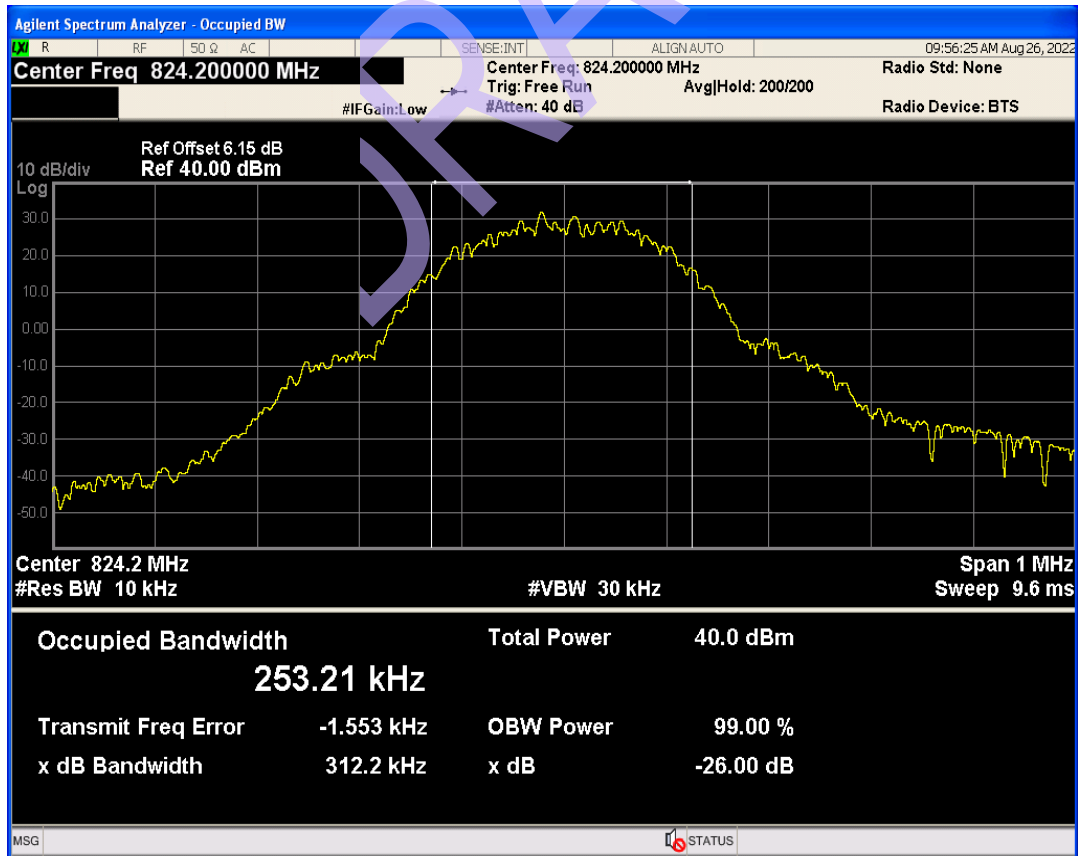
GPRS1900 Channel=810



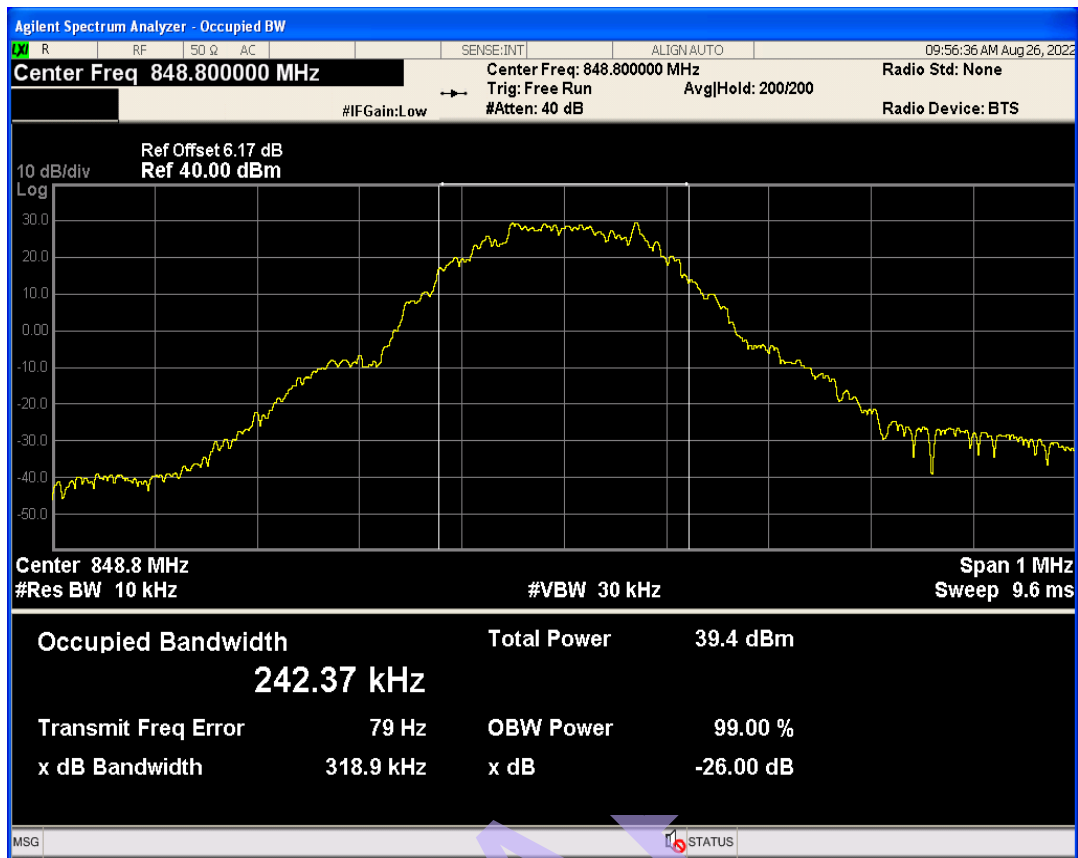
GPRS850 Channel=189



GPRS850 Channel=128



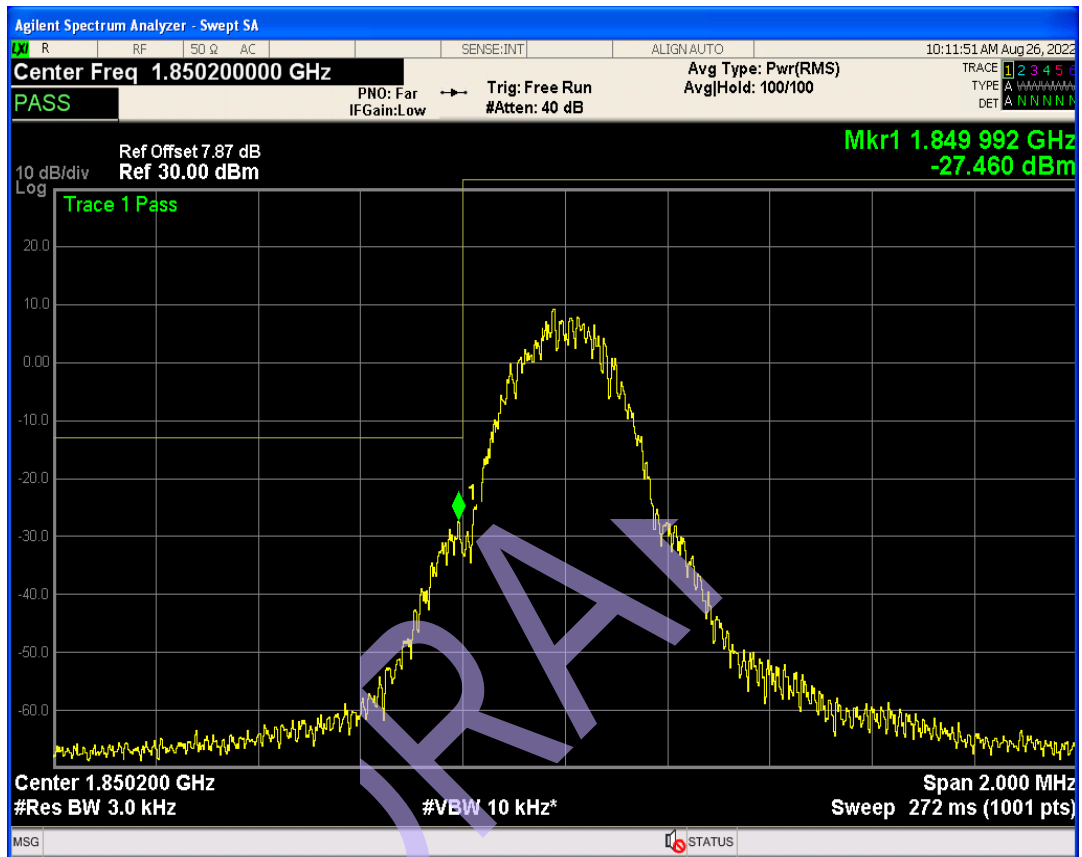
GPRS850 Channel=251



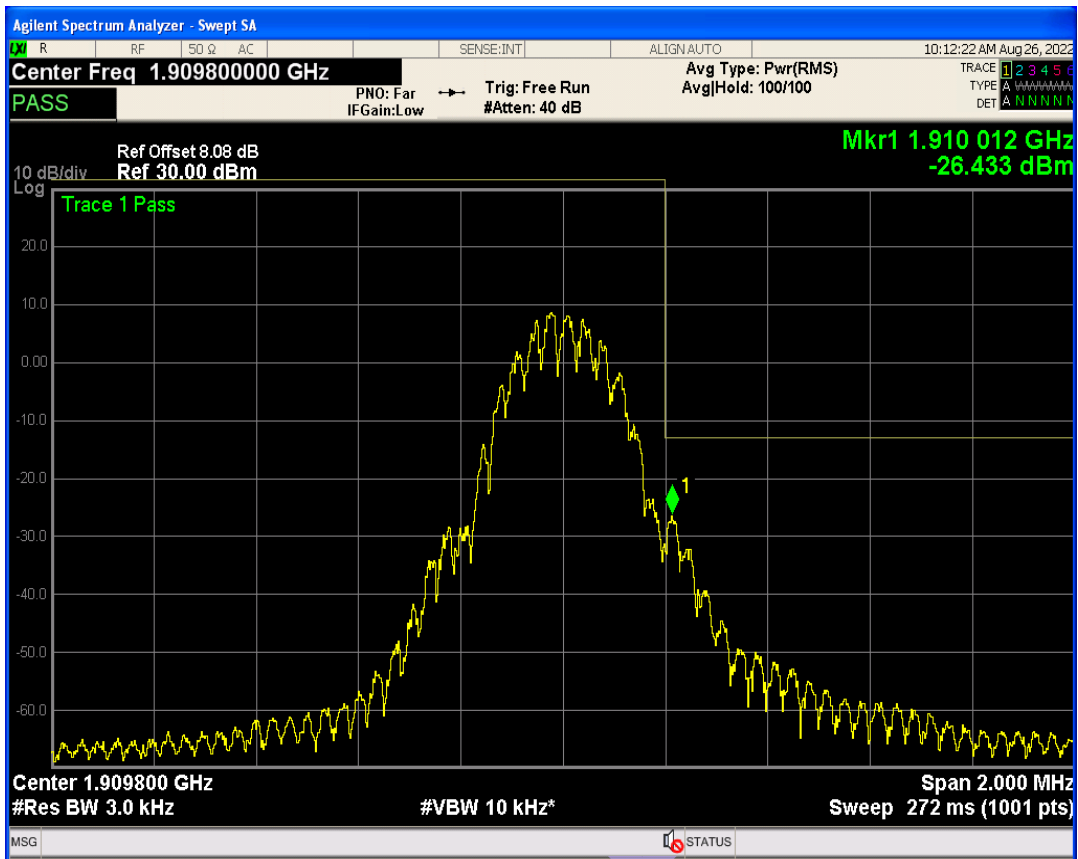
11 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	1849.99	-27.45	-13	PASS
GPRS1900	810	1909.8	1910.01	-26.43	-13	PASS
GPRS850	128	824.2	823.98	-26.23	-13	PASS
GPRS850	251	848.8	849.02	-24.98	-13	PASS

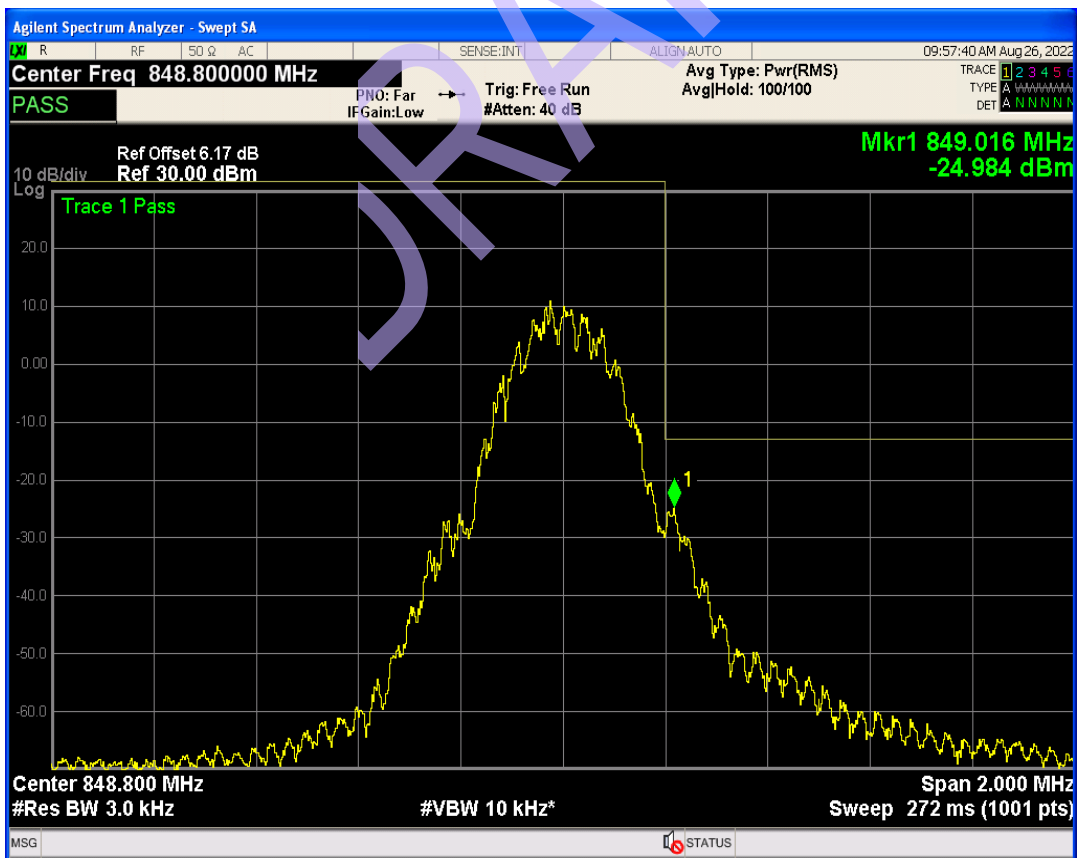
GPRS1900 Channel=512



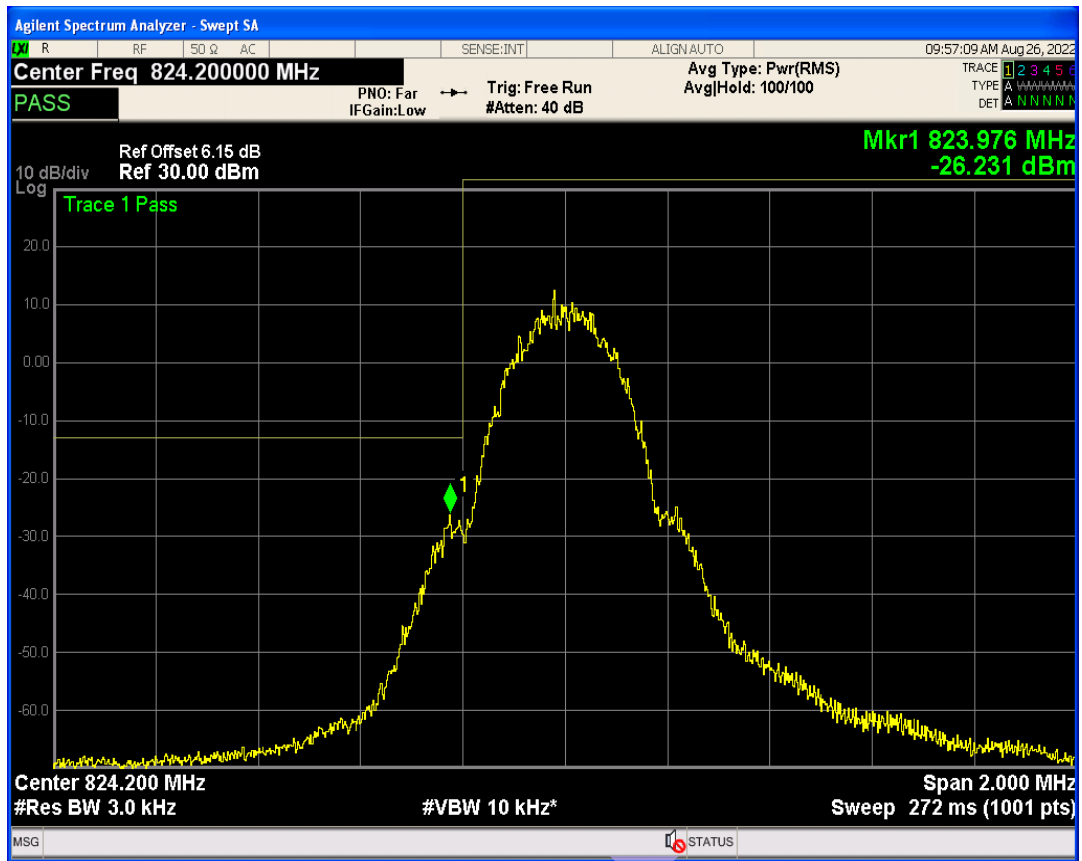
GPRS1900 Channel=810



GPRS850 Channel=251



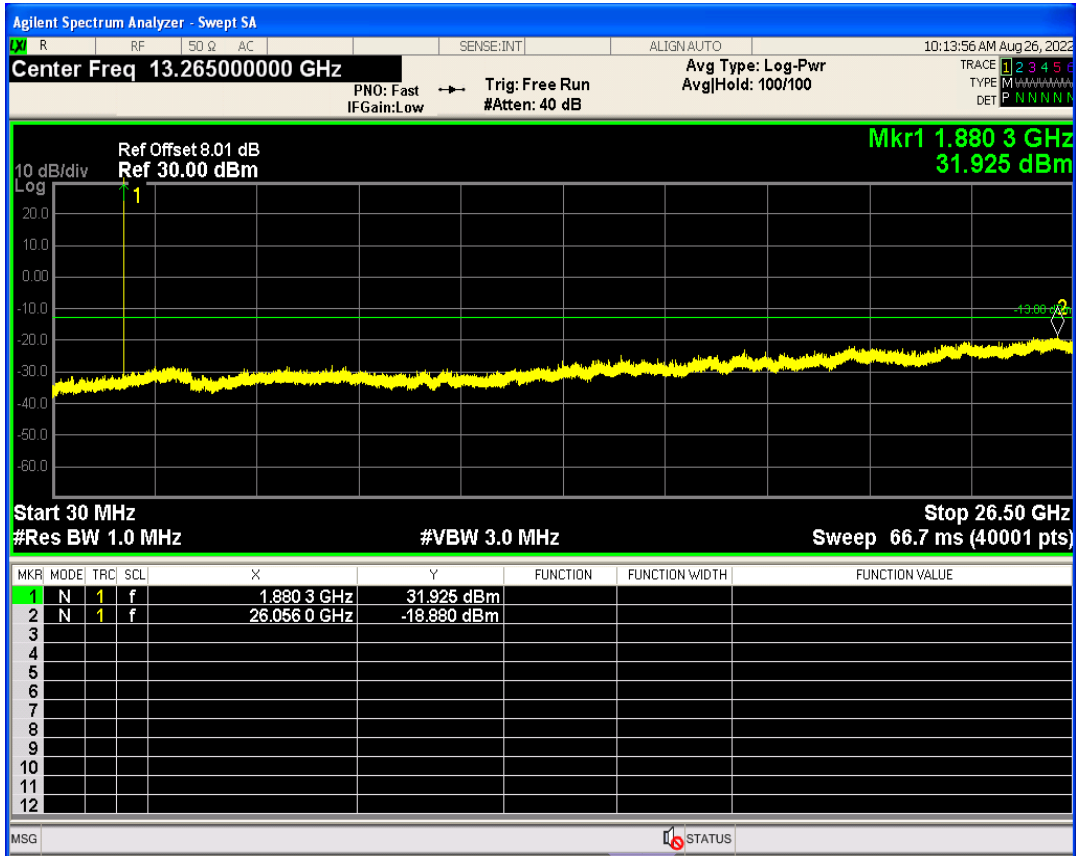
GPRS850 Channel=128



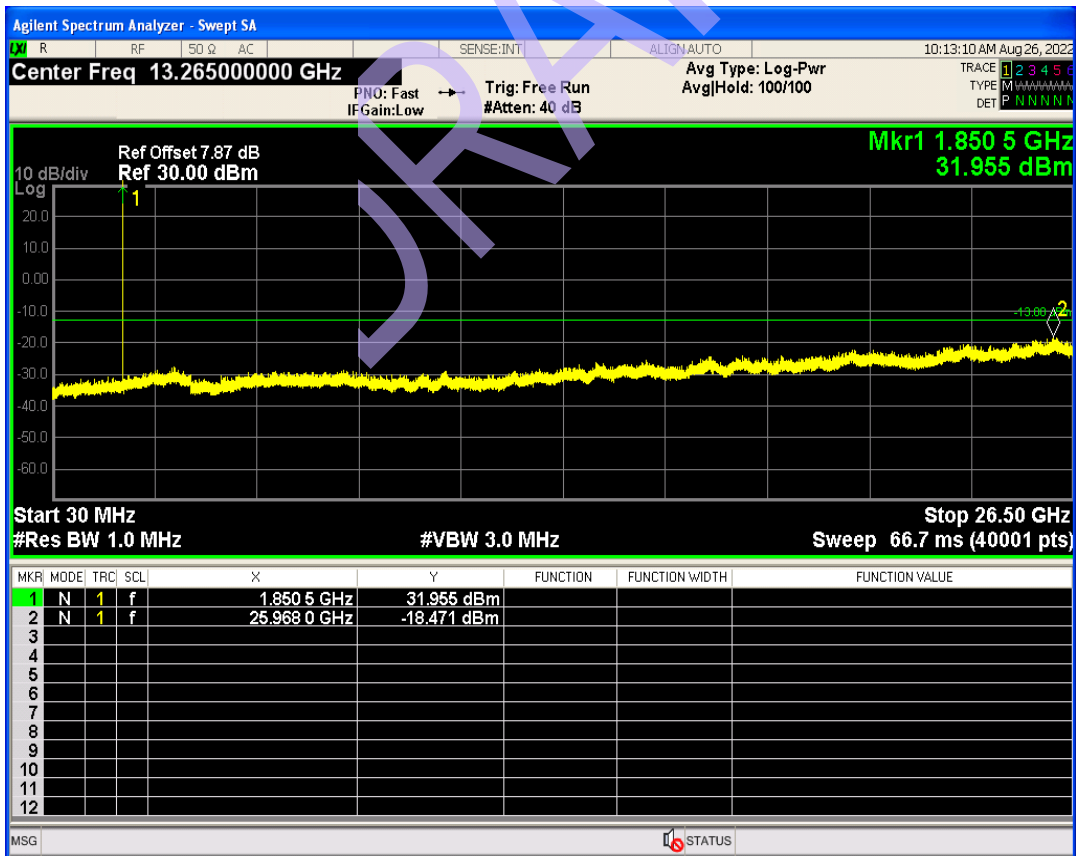
12 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GPRS1900	512	1850.2	25967.95	-18.47	-13	PASS
GPRS1900	661	1880	26055.97	-18.87	-13	PASS
GPRS1900	810	1909.8	25952.07	-18.14	-13	PASS
GPRS850	128	824.2	25997.07	-20.12	-13	PASS
GPRS850	189	836.4	26026.19	-20.55	-13	PASS
GPRS850	251	848.8	26013.61	-20.36	-13	PASS

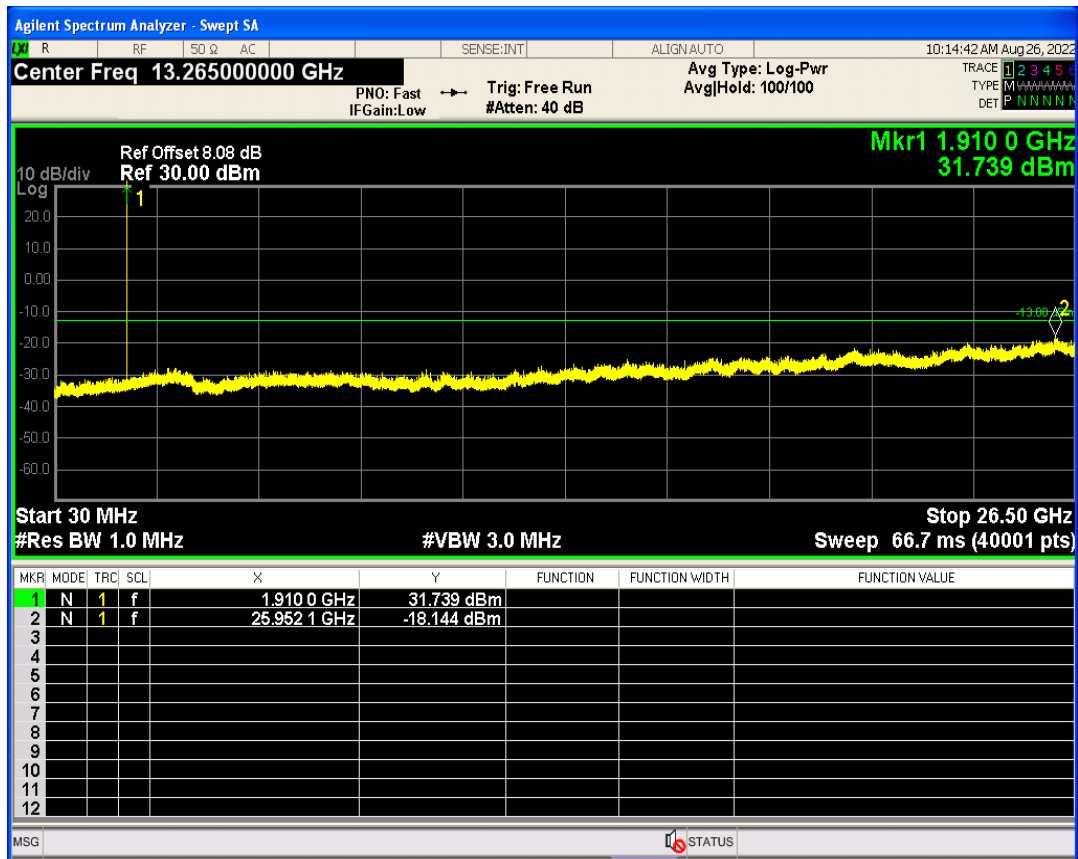
GPRS1900 Channel=661



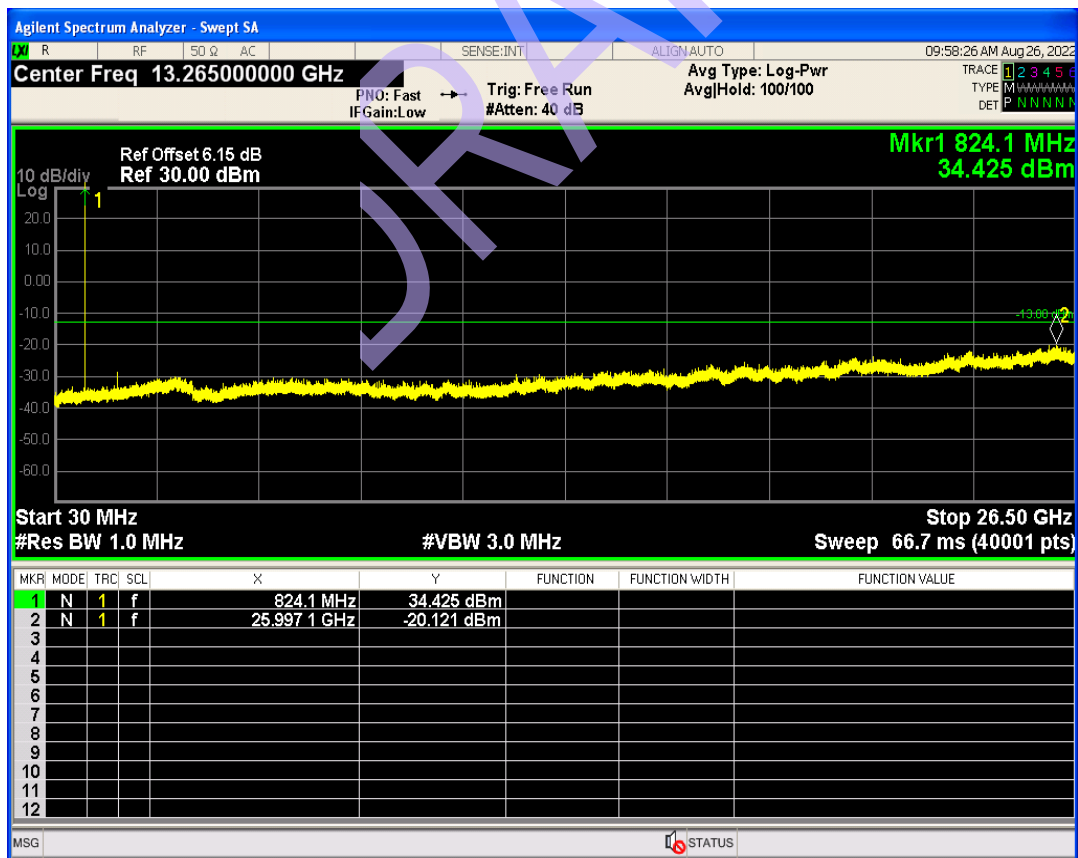
GPRS1900 Channel=512



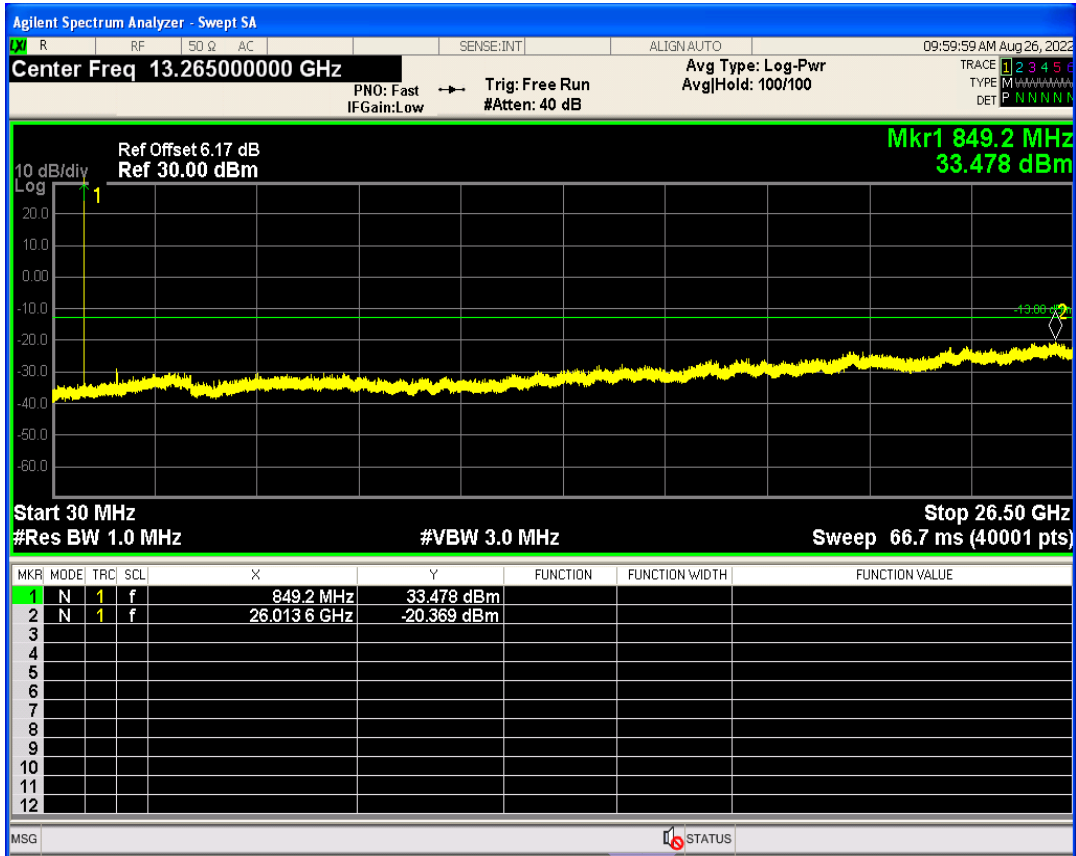
GPRS1900 Channel=810



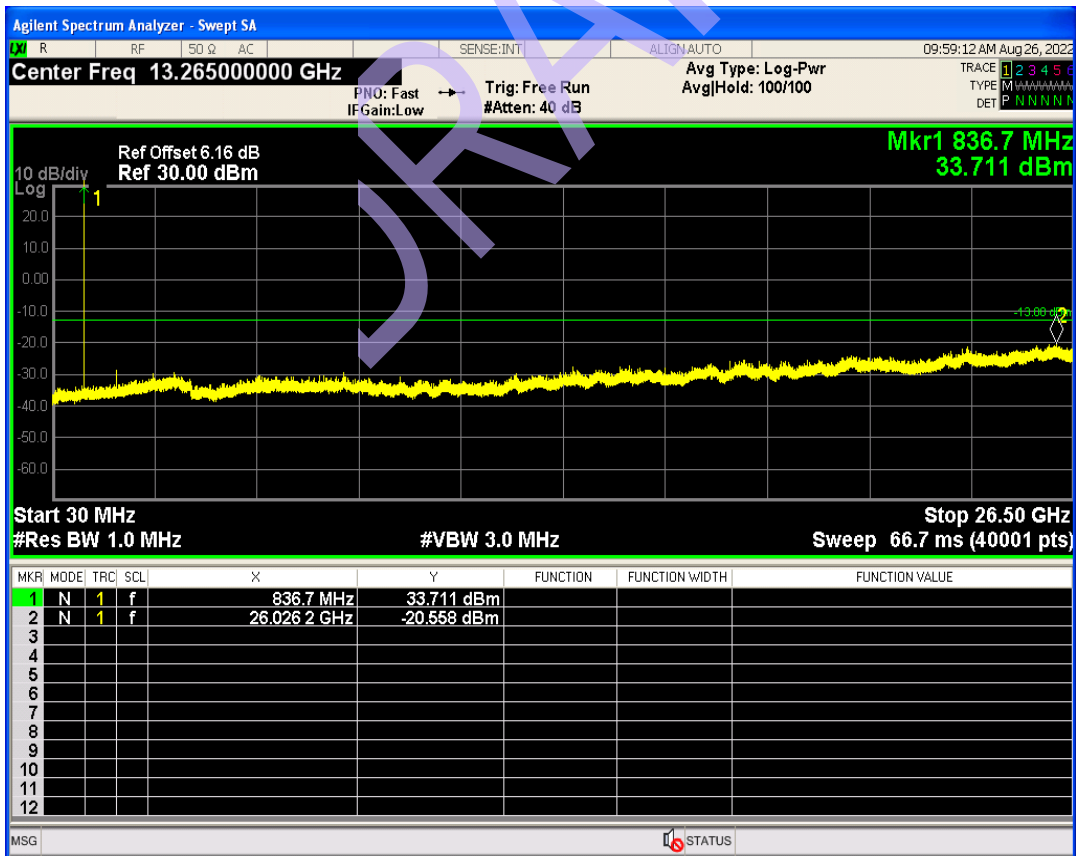
GPRS850 Channel=128



GPRS850 Channel=251



GPRS850 Channel=189



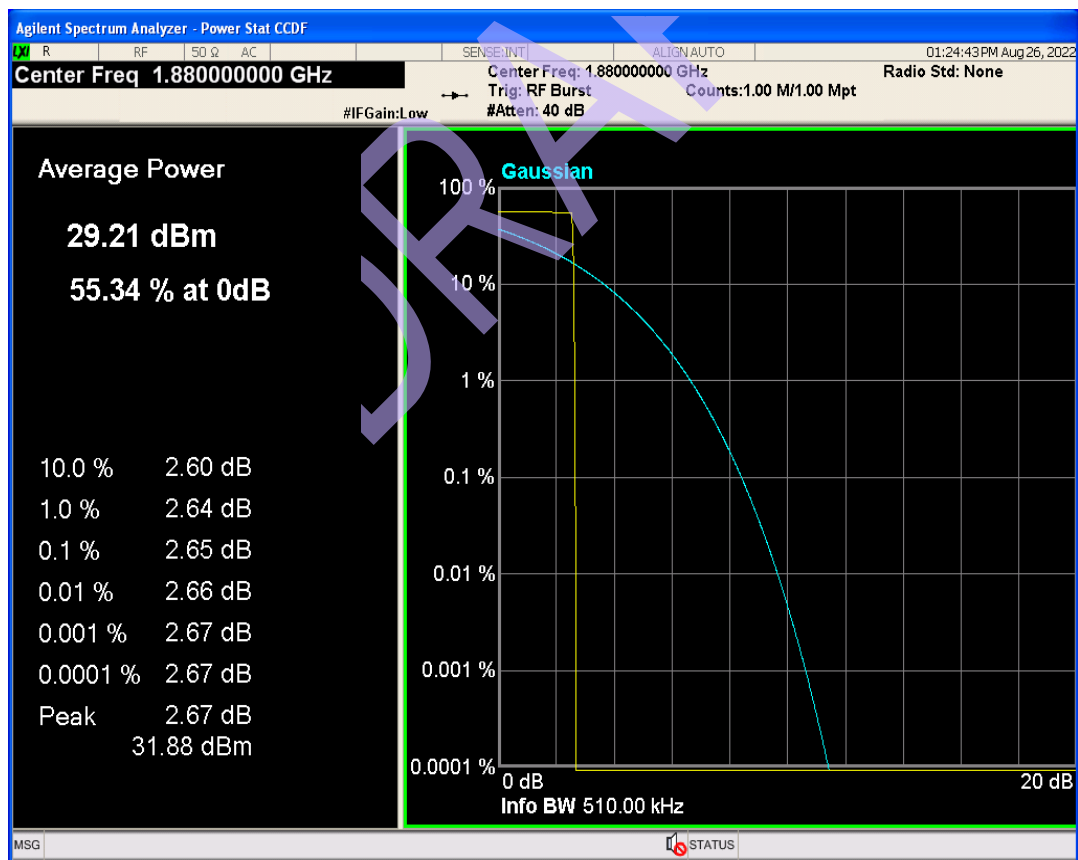
01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
GSM1900	512	1850.2	30.46	PASS
GSM1900	661	1880	30.45	PASS
GSM1900	810	1909.8	30.54	PASS
GSM850	128	824.2	33.53	PASS
GSM850	189	836.4	33.68	PASS
GSM850	251	848.8	33.58	PASS

03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
GSM1900	512	1850.2	2.64	13	PASS
GSM1900	661	1880	2.65	13	PASS
GSM1900	810	1909.8	2.65	13	PASS
GSM850	128	824.2	2.68	13	PASS
GSM850	189	836.4	2.77	13	PASS
GSM850	251	848.8	2.65	13	PASS

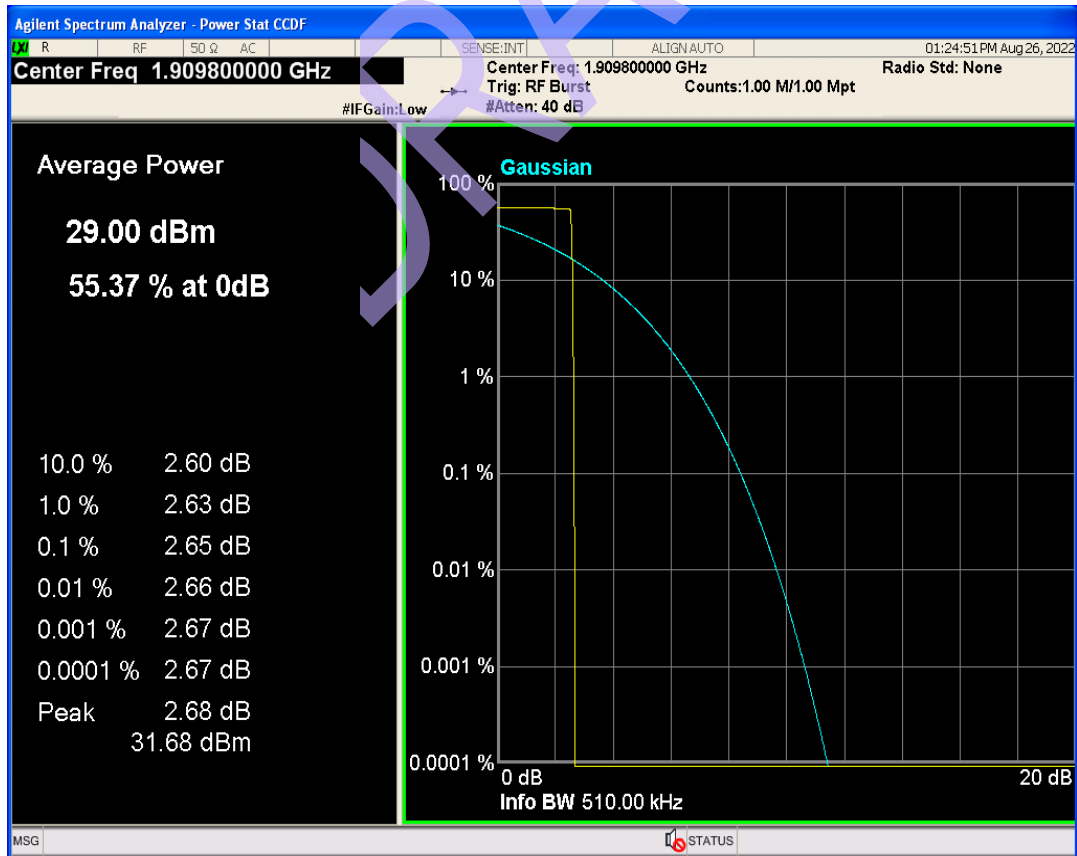
GSM1900 Channel=661



GSM1900 Channel=512



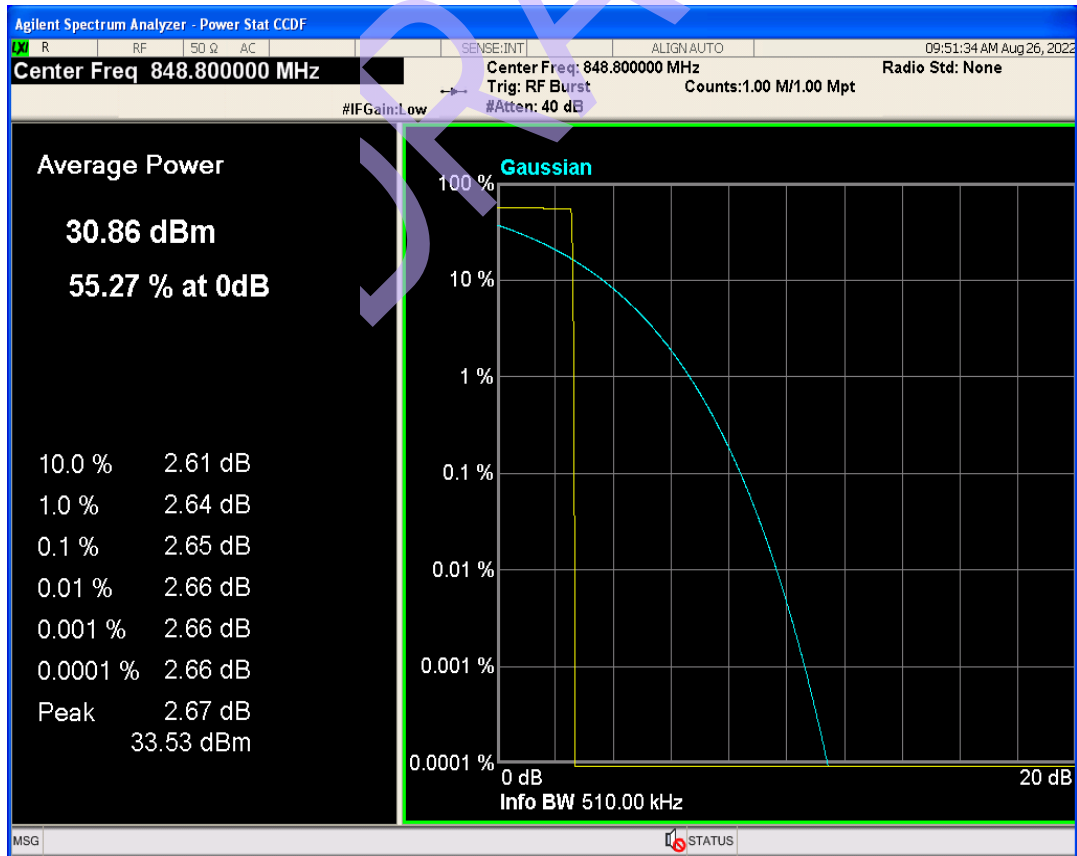
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=251



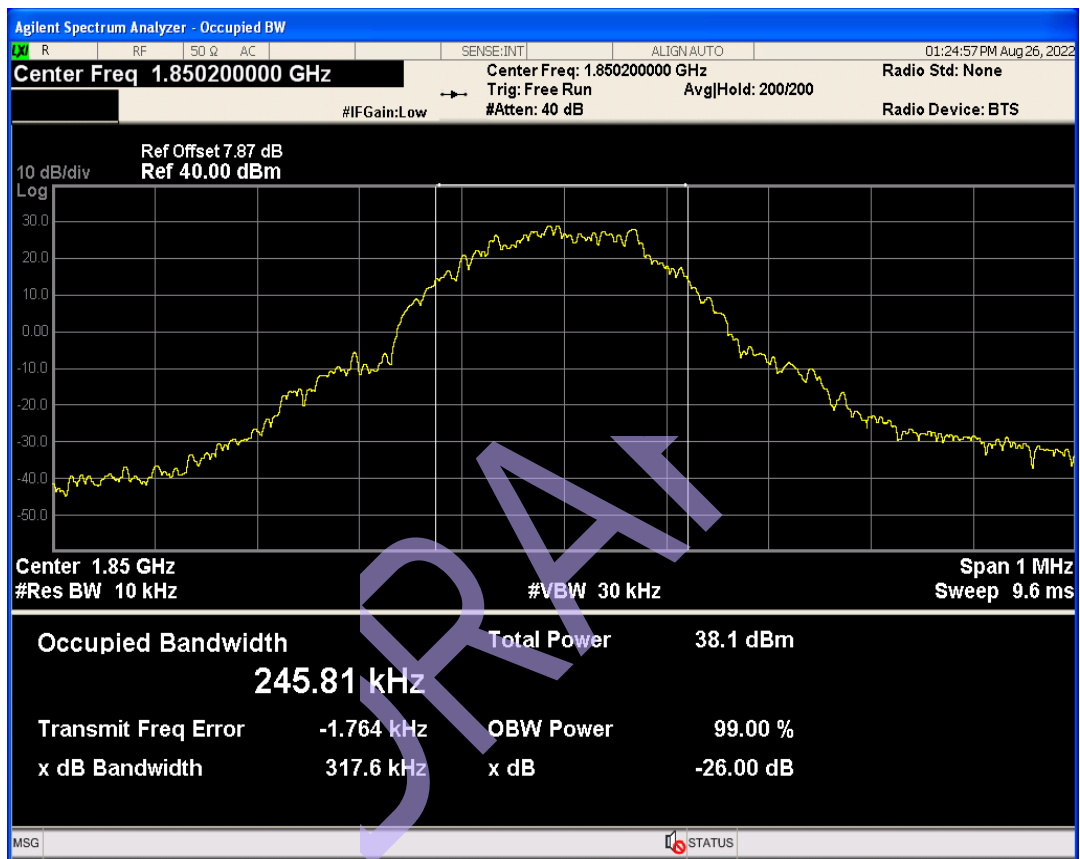
GSM850 Channel=189



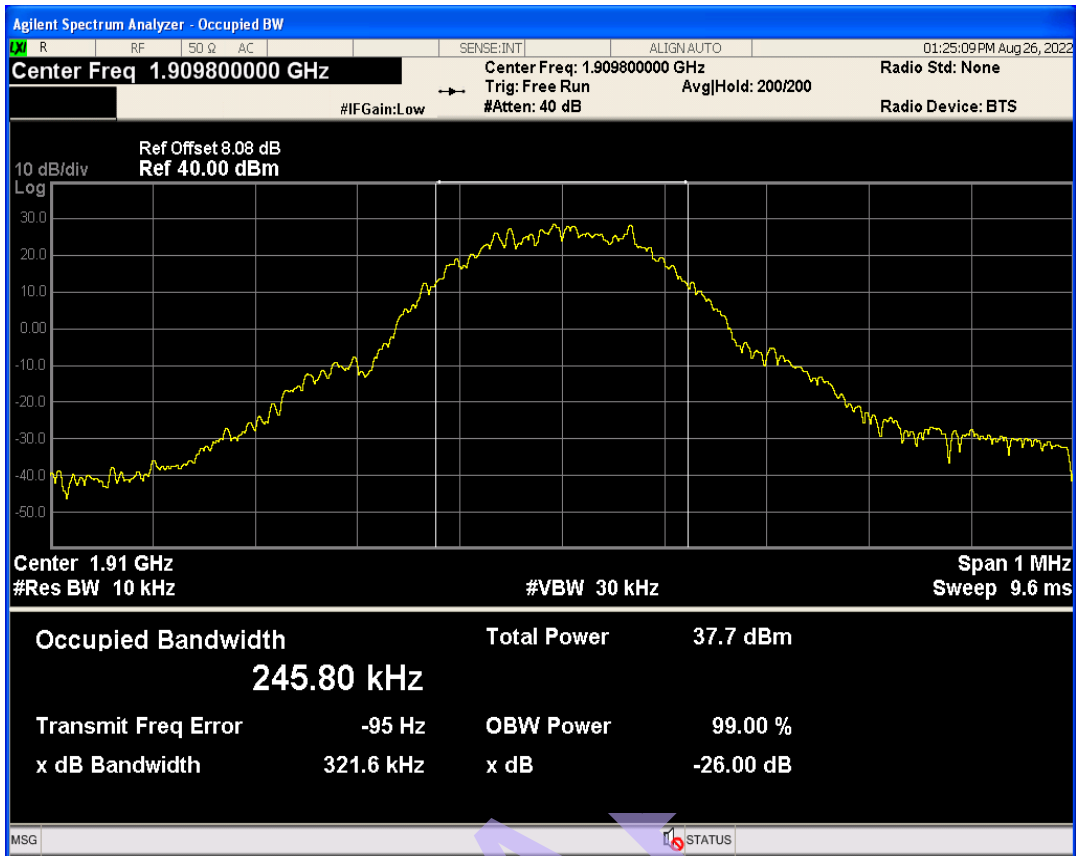
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
GSM1900	512	1850.2	245.811	317.626	PASS
GSM1900	661	1880	248.170	319.692	PASS
GSM1900	810	1909.8	245.803	321.615	PASS
GSM850	128	824.2	248.685	309.937	PASS
GSM850	189	836.4	249.365	323.236	PASS
GSM850	251	848.8	246.311	316.772	PASS

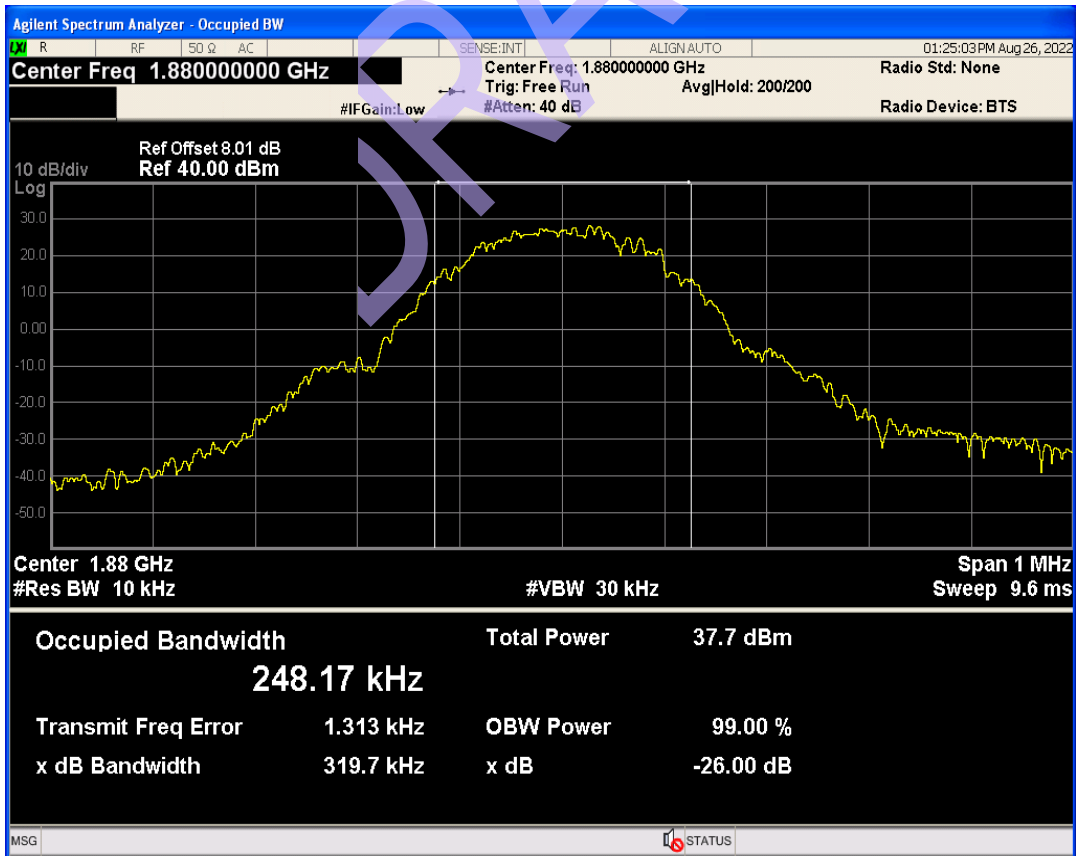
GSM1900 Channel=512



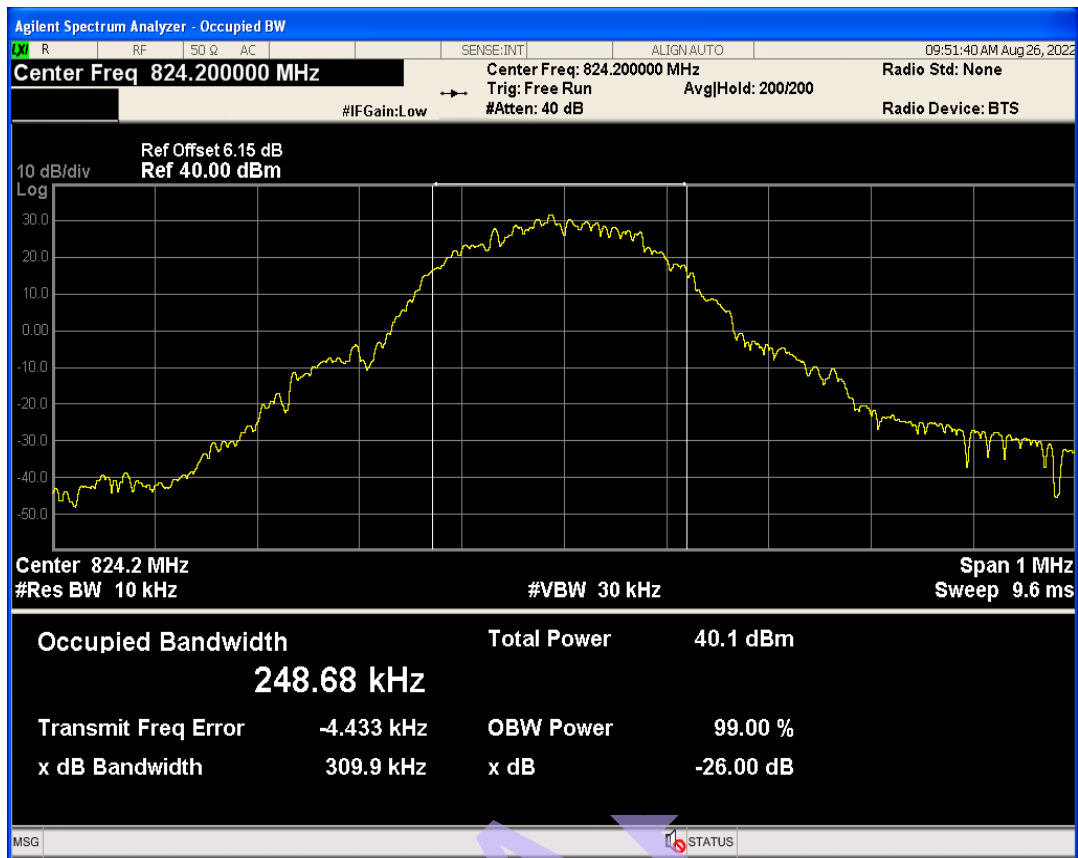
GSM1900 Channel=810



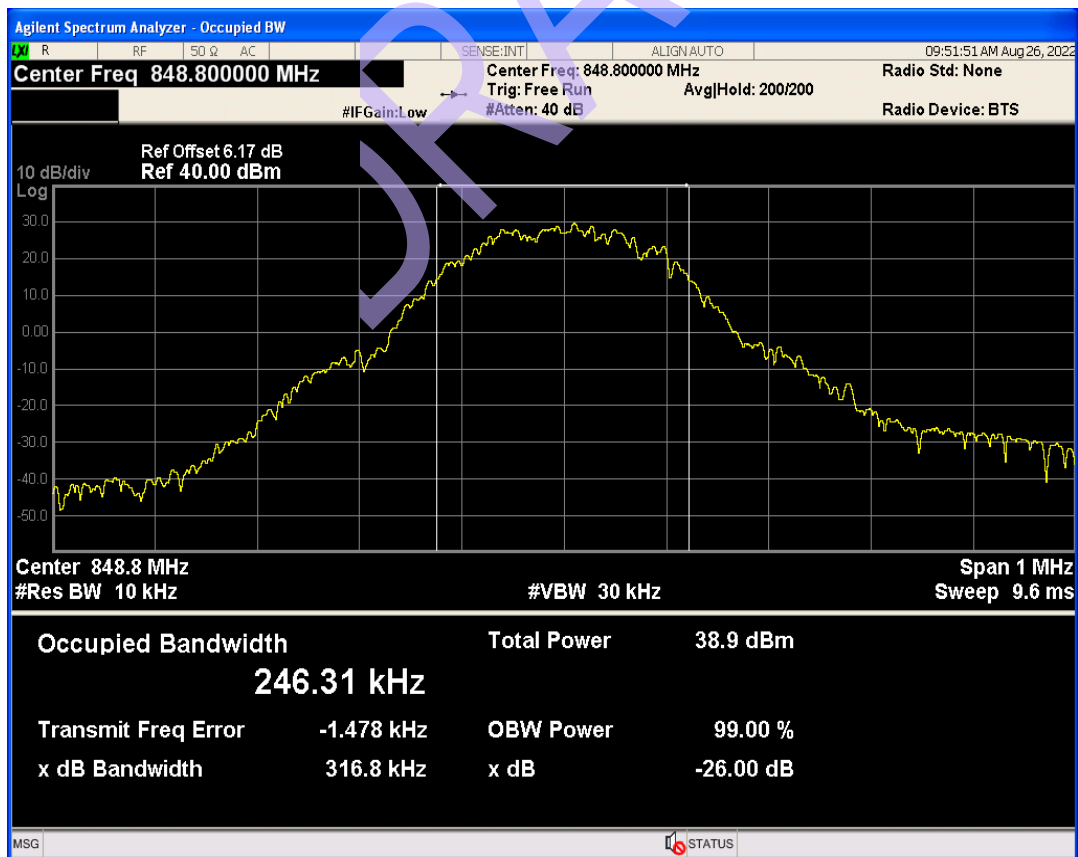
GSM1900 Channel=661



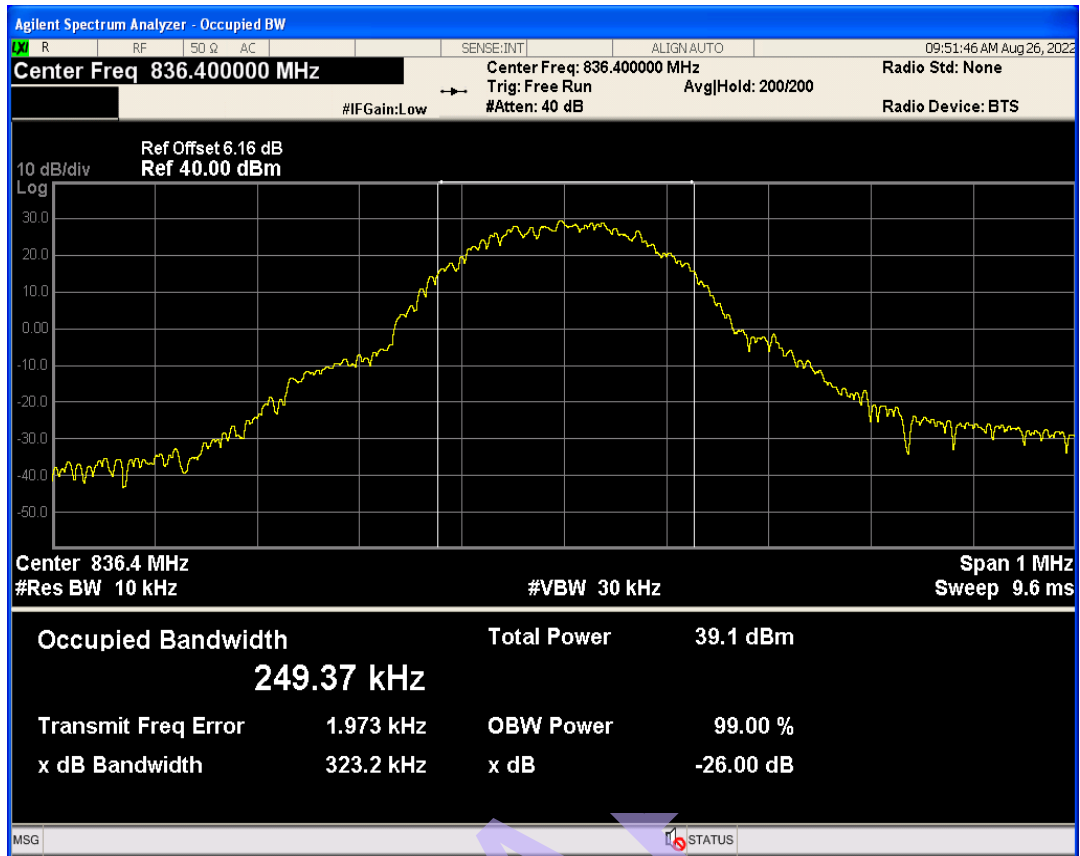
GSM850 Channel=128



GSM850 Channel=251



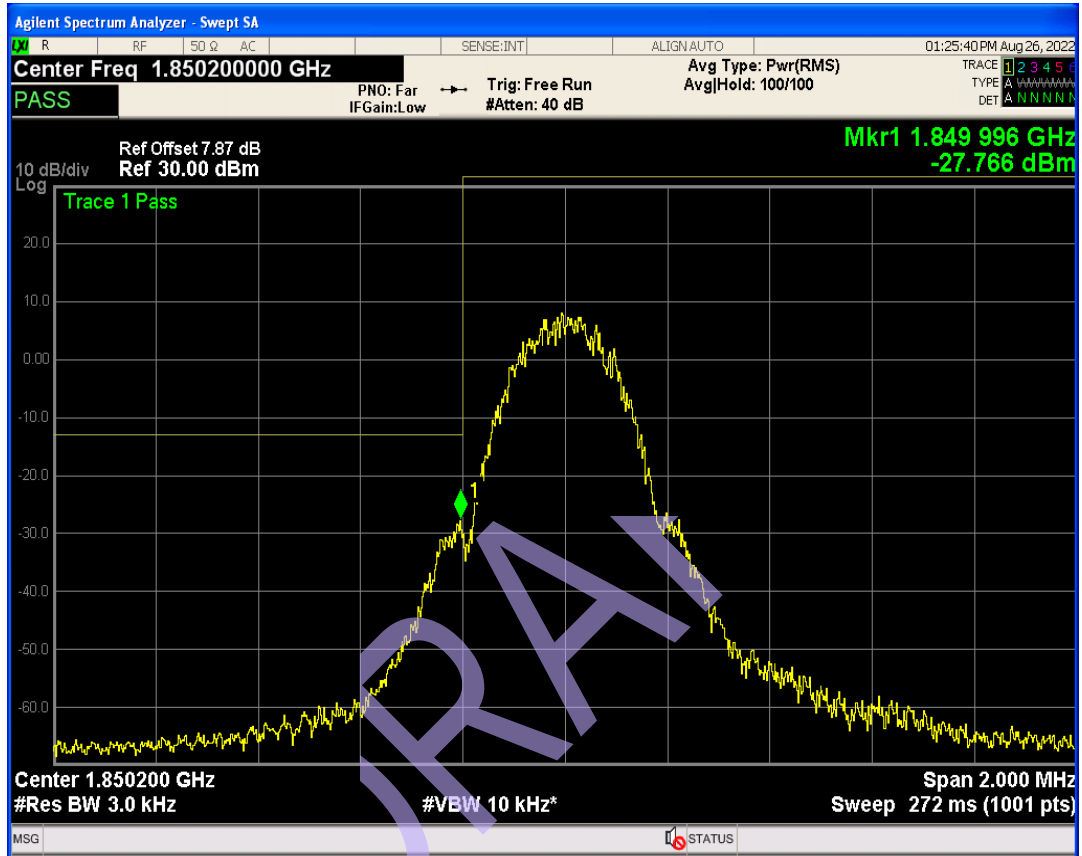
GSM850 Channel=189



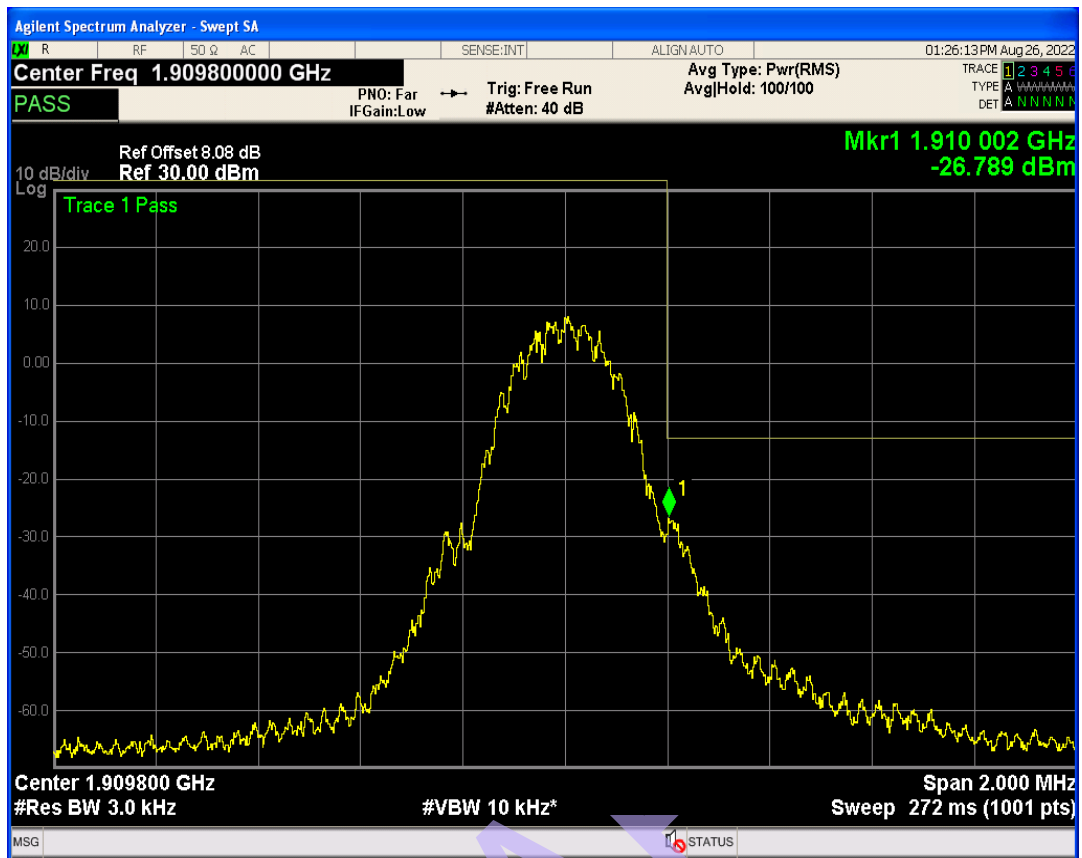
05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	1850.00	-27.76	-13	PASS
GSM1900	810	1909.8	1910.00	-26.78	-13	PASS
GSM850	128	824.2	823.98	-25.23	-13	PASS
GSM850	251	848.8	849.00	-24.78	-13	PASS

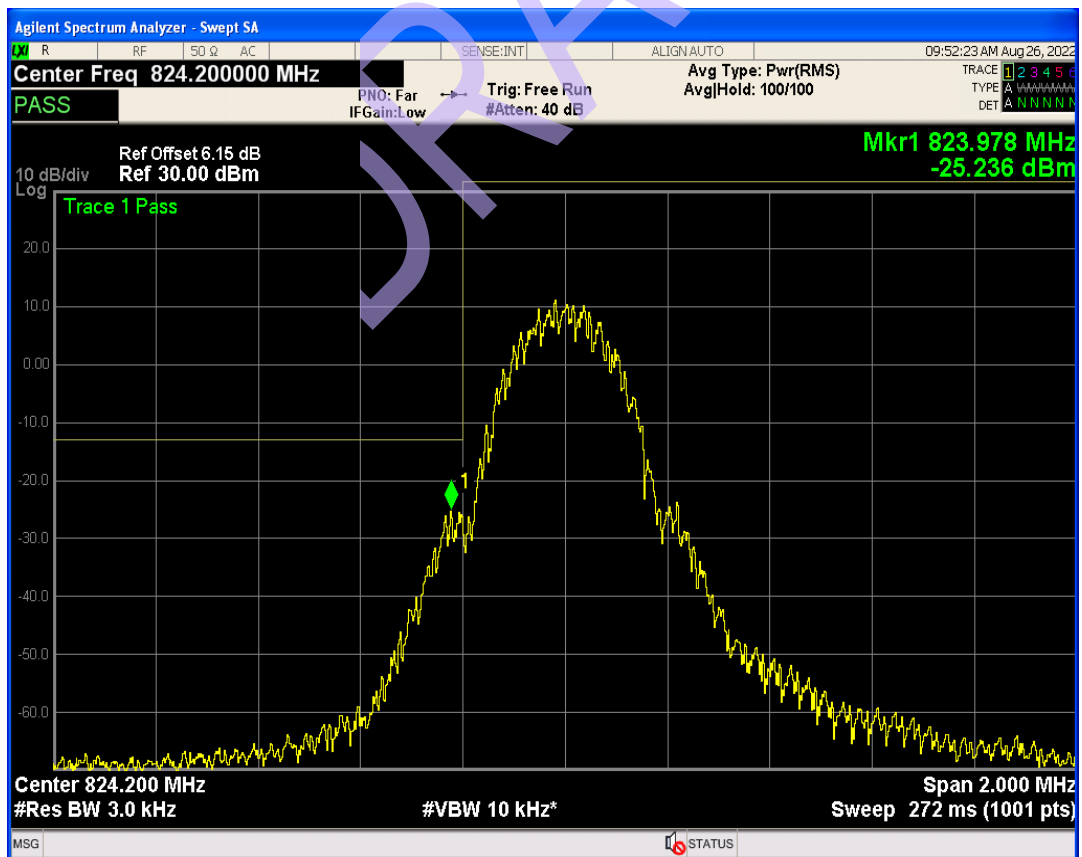
GSM1900 Channel=512



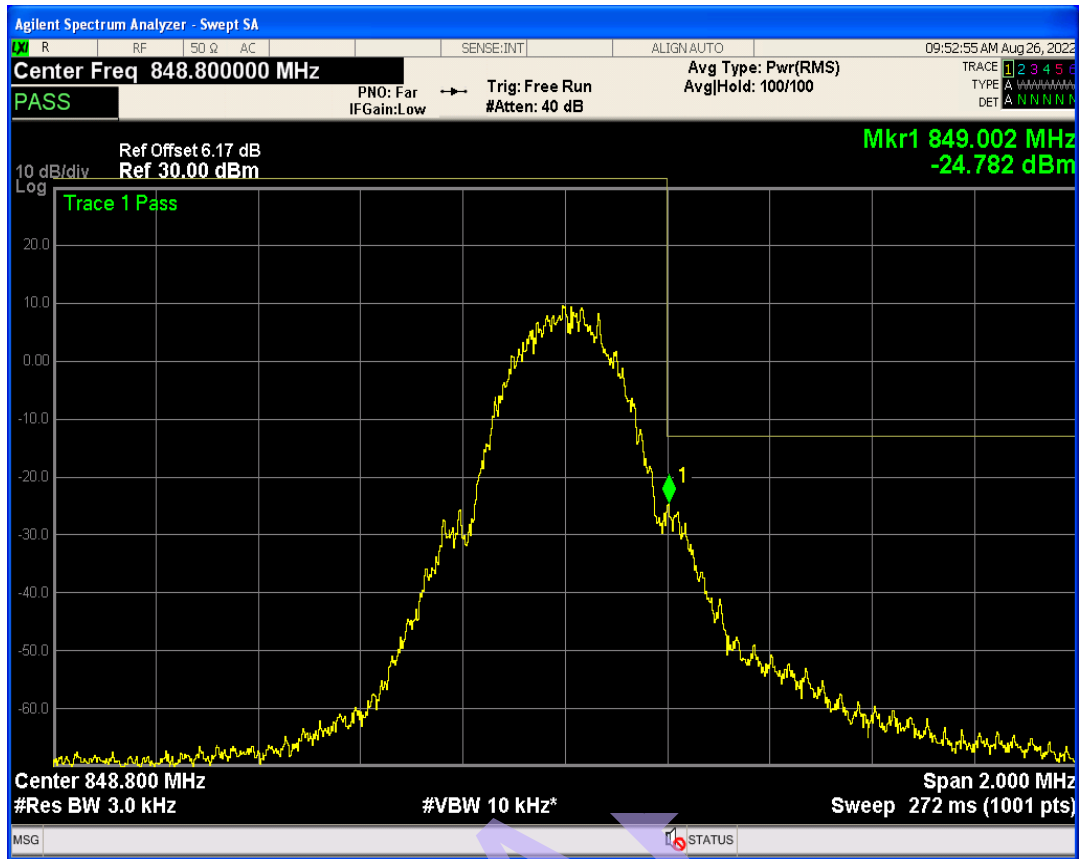
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=251



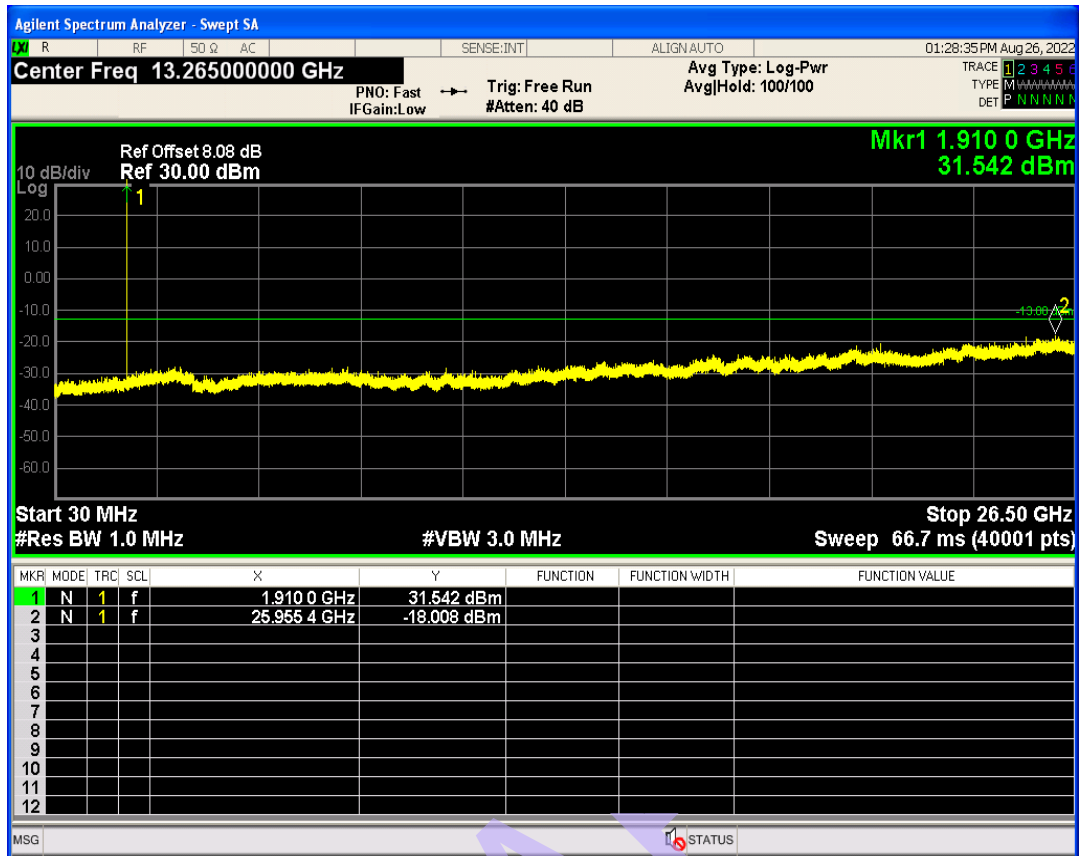
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
GSM1900	512	1850.2	26237.29	-18.62	-13	PASS
GSM1900	661	1880	25888.54	-18.11	-13	PASS
GSM1900	810	1909.8	25955.38	-18.00	-13	PASS
GSM850	128	824.2	26140.01	-19.83	-13	PASS
GSM850	189	836.4	25935.53	-20.65	-13	PASS
GSM850	251	848.8	25606.64	-20.54	-13	PASS

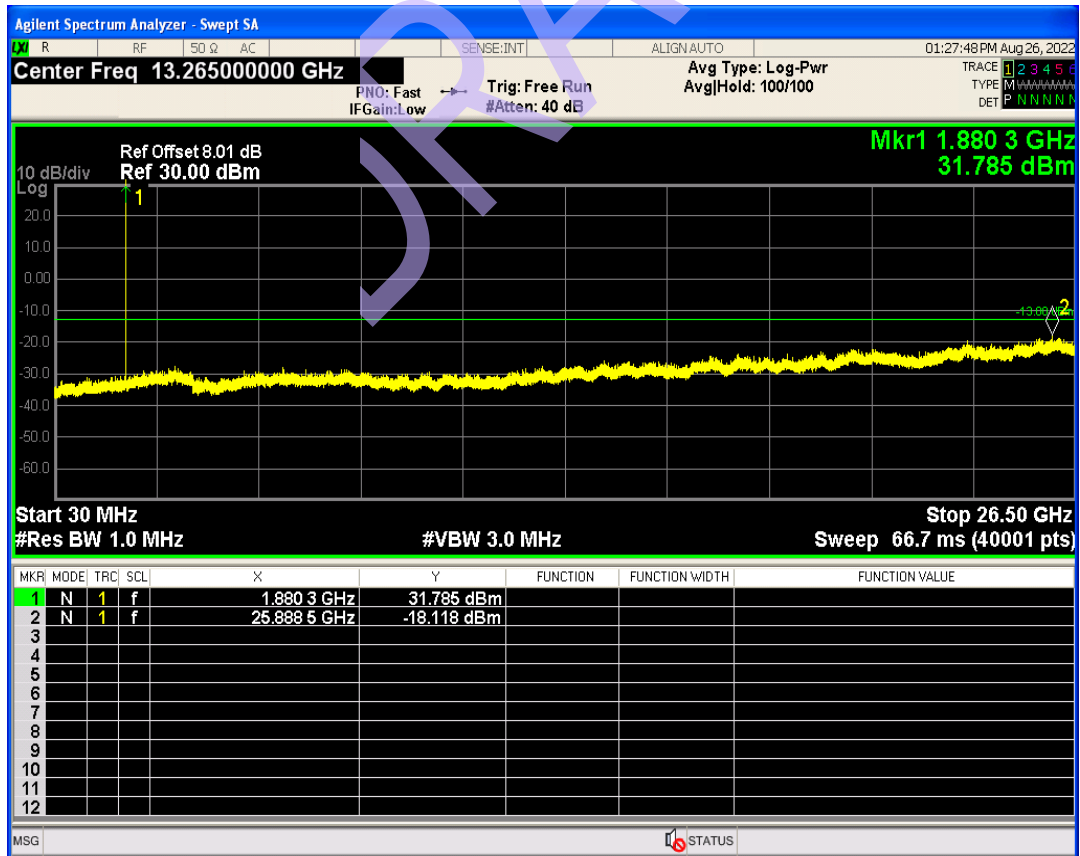
GSM1900 Channel=512



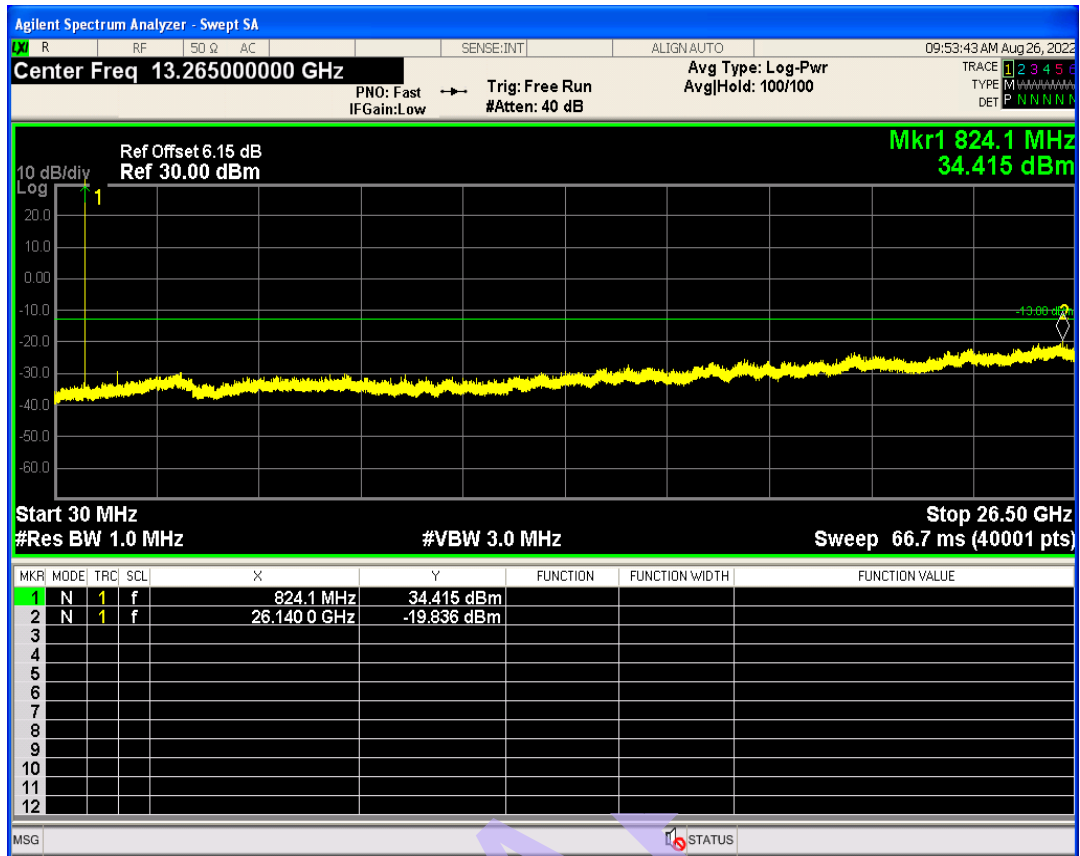
GSM1900 Channel=810



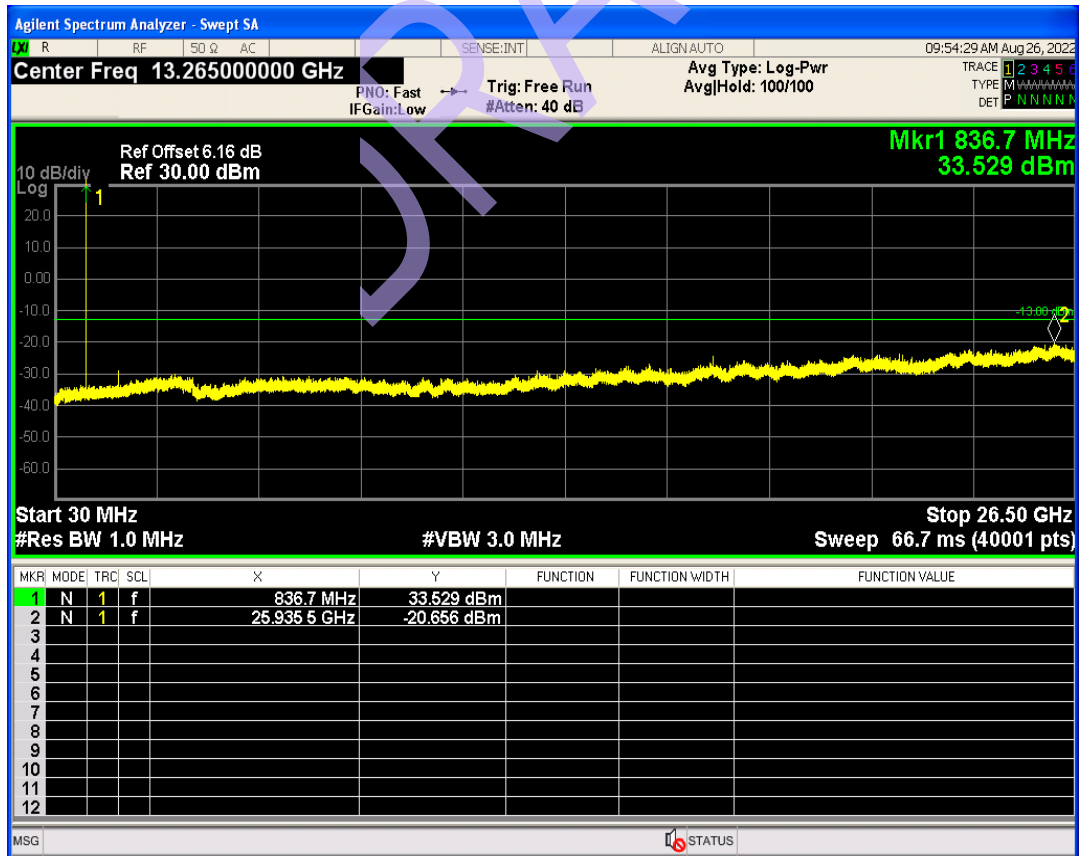
GSM1900 Channel=661



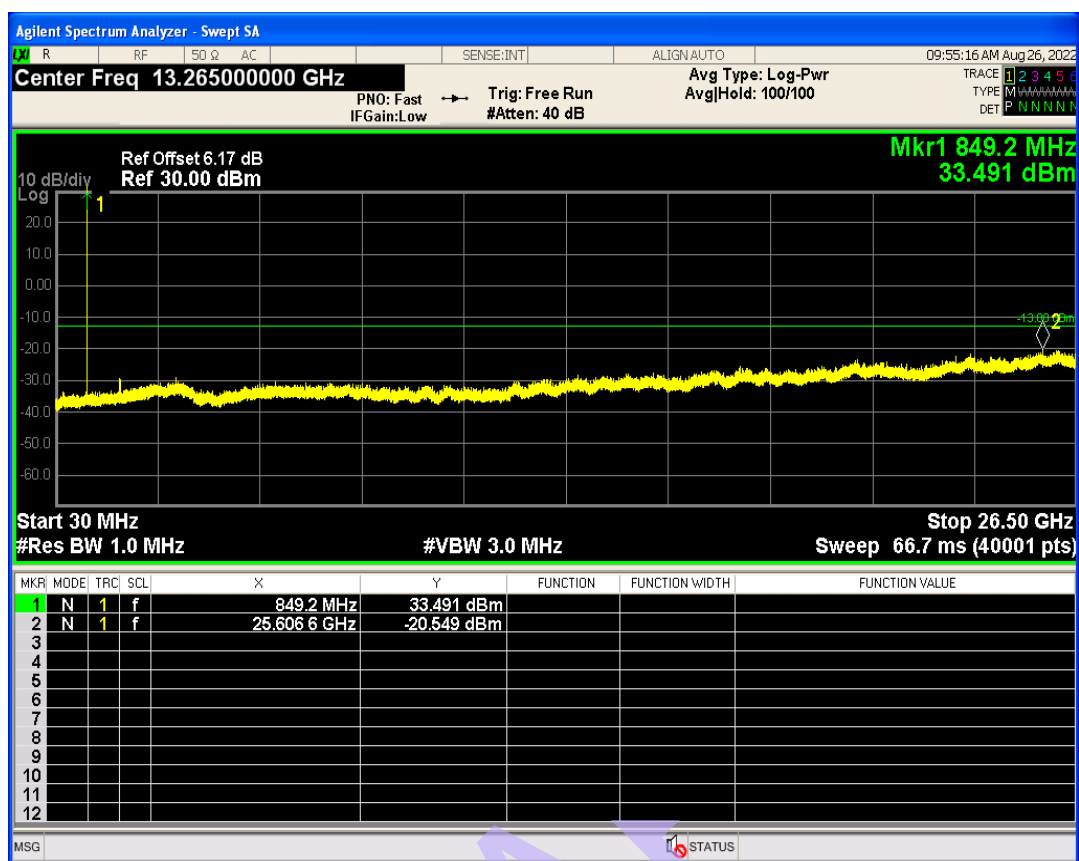
GSM850 Channel=128



GSM850 Channel=189



GSM850 Channel=251



3G

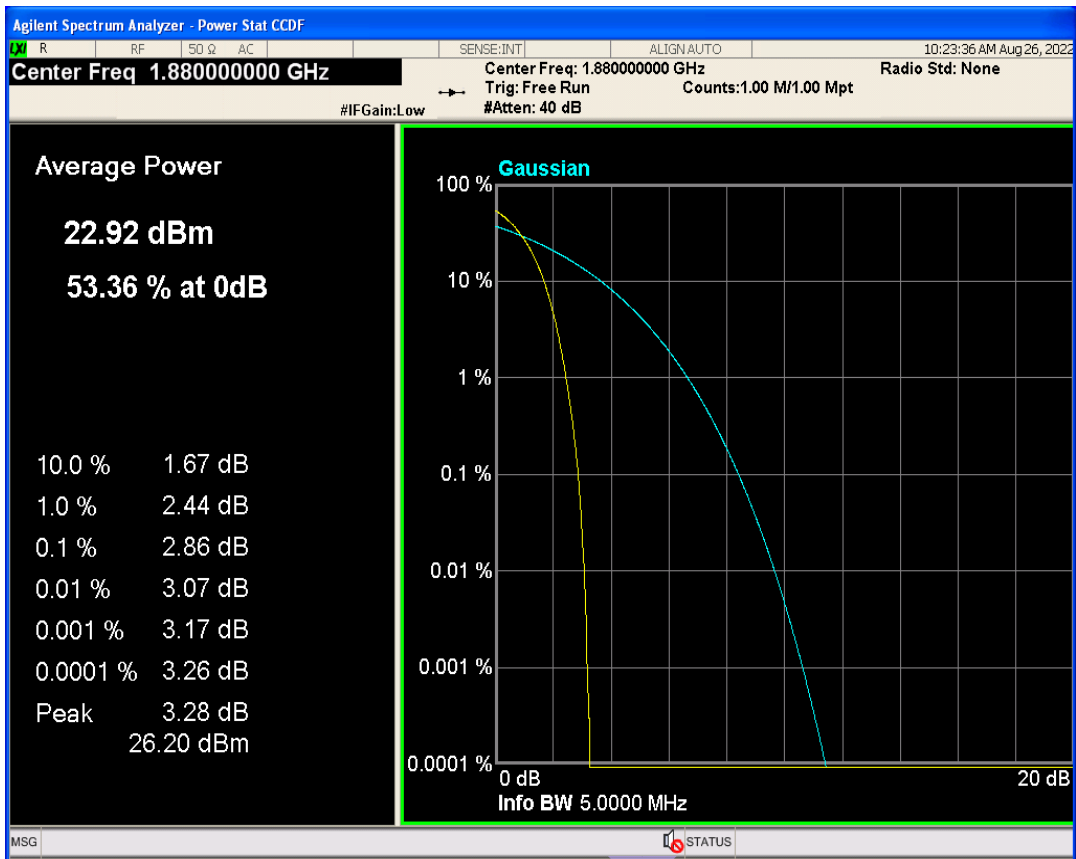
01 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	Verdict
WCDMA Band2	9262	1852.4	22.00	PASS
WCDMA Band2	9400	1880	22.39	PASS
WCDMA Band2	9538	1907.6	21.98	PASS
WCDMA Band5	4132	826.4	23.30	PASS
WCDMA Band5	4182	836.4	23.23	PASS
WCDMA Band5	4233	846.6	23.13	PASS

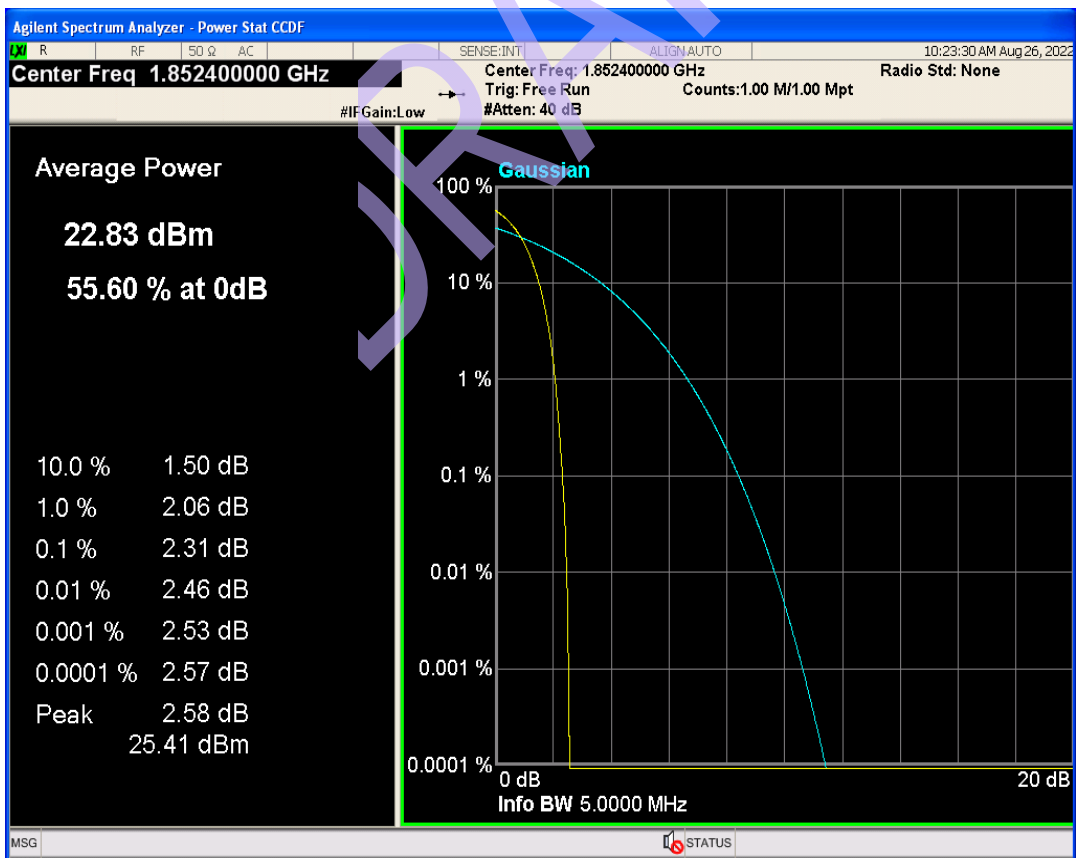
03 Peak-to-Average Ratio

Band	Channel	Frequency (MHz)	Result (dB)	high Limit (dB)	Verdict
WCDMA Band2	9262	1852.4	2.31	13	PASS
WCDMA Band2	9400	1880	2.86	13	PASS
WCDMA Band2	9538	1907.6	2.34	13	PASS
WCDMA Band5	4132	826.4	2.38	13	PASS
WCDMA Band5	4182	836.4	2.78	13	PASS
WCDMA Band5	4233	846.6	2.87	13	PASS

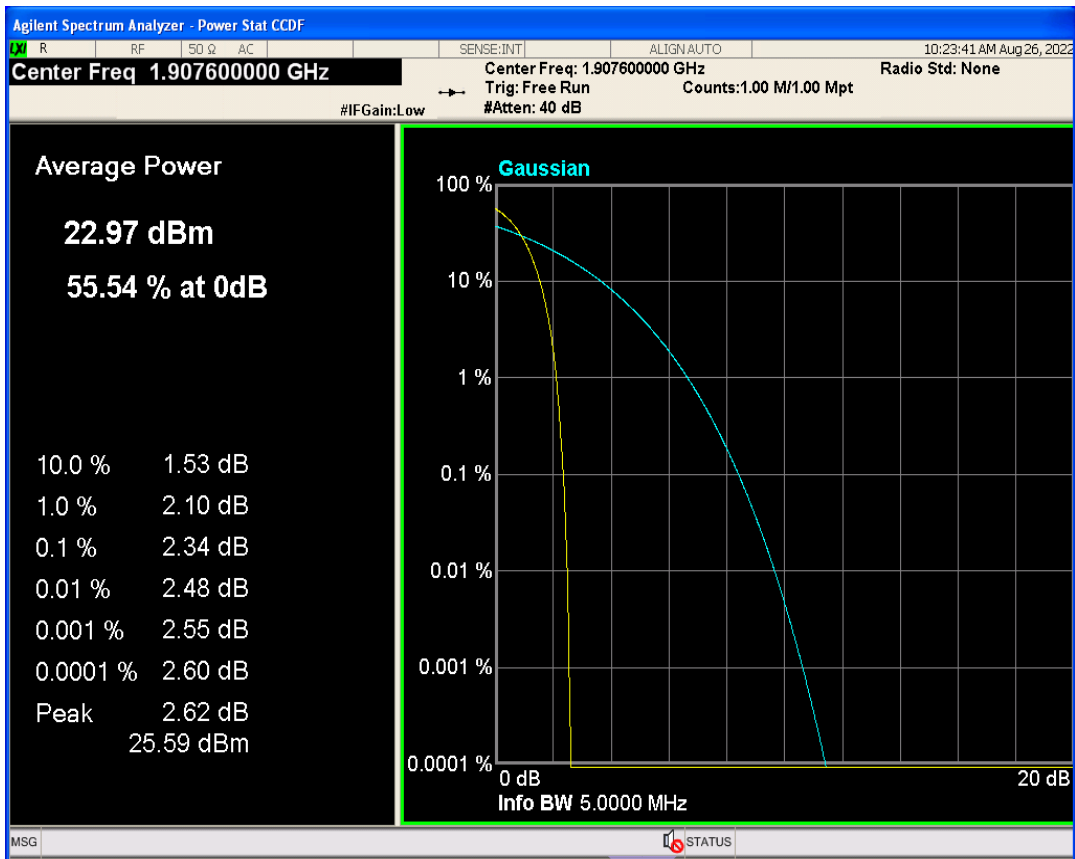
WCDMA Band2 Channel=9400



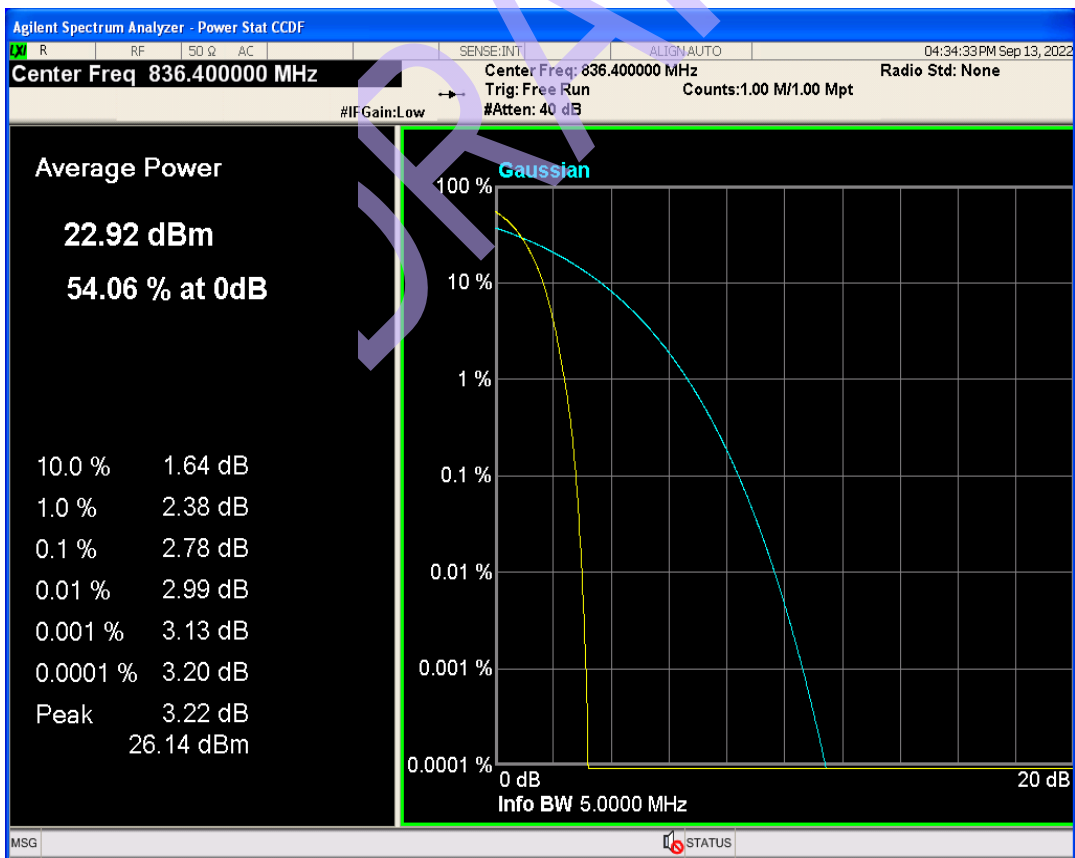
WCDMA Band2 Channel=9262



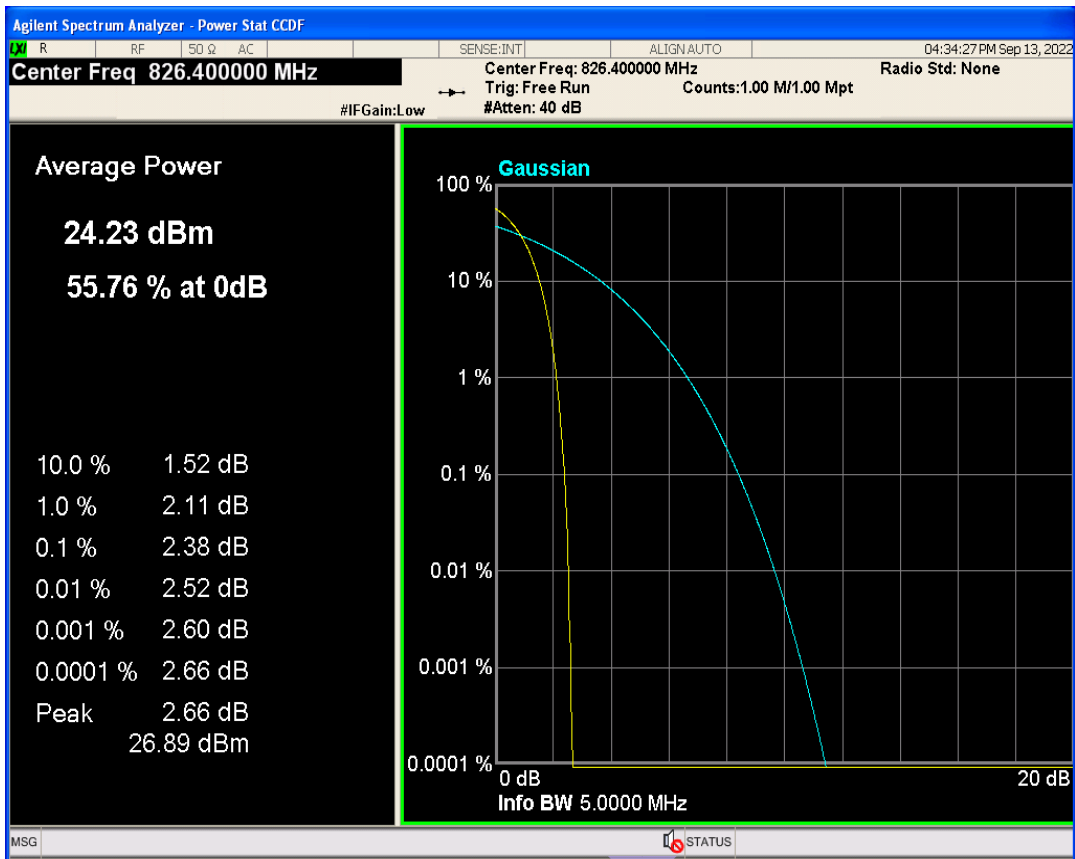
WCDMA Band2 Channel=9538



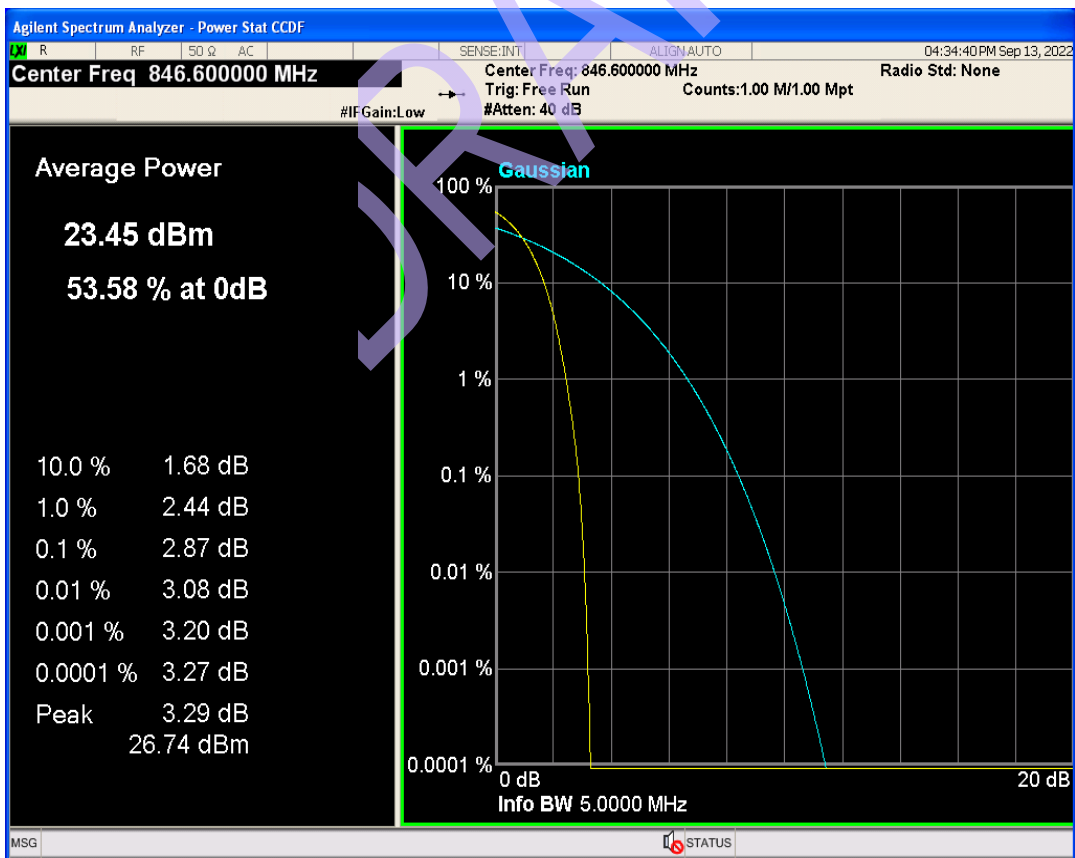
WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



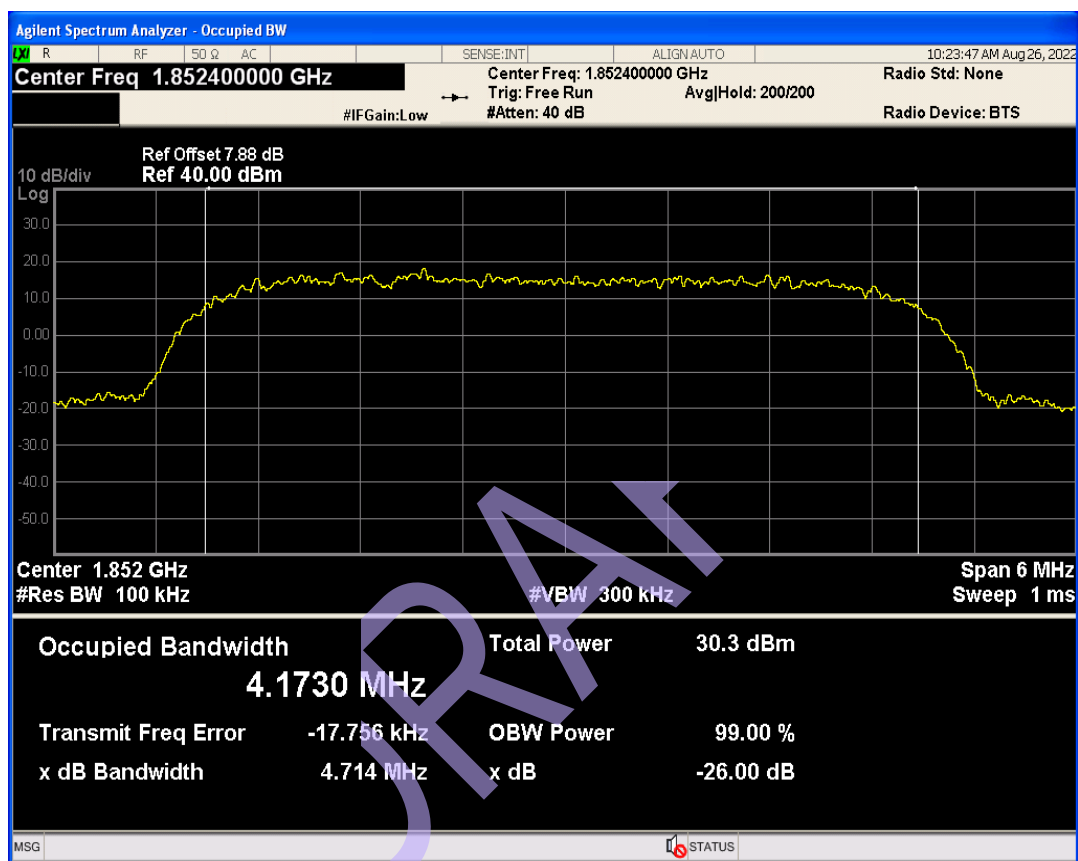
WCDMA Band5 Channel=4233



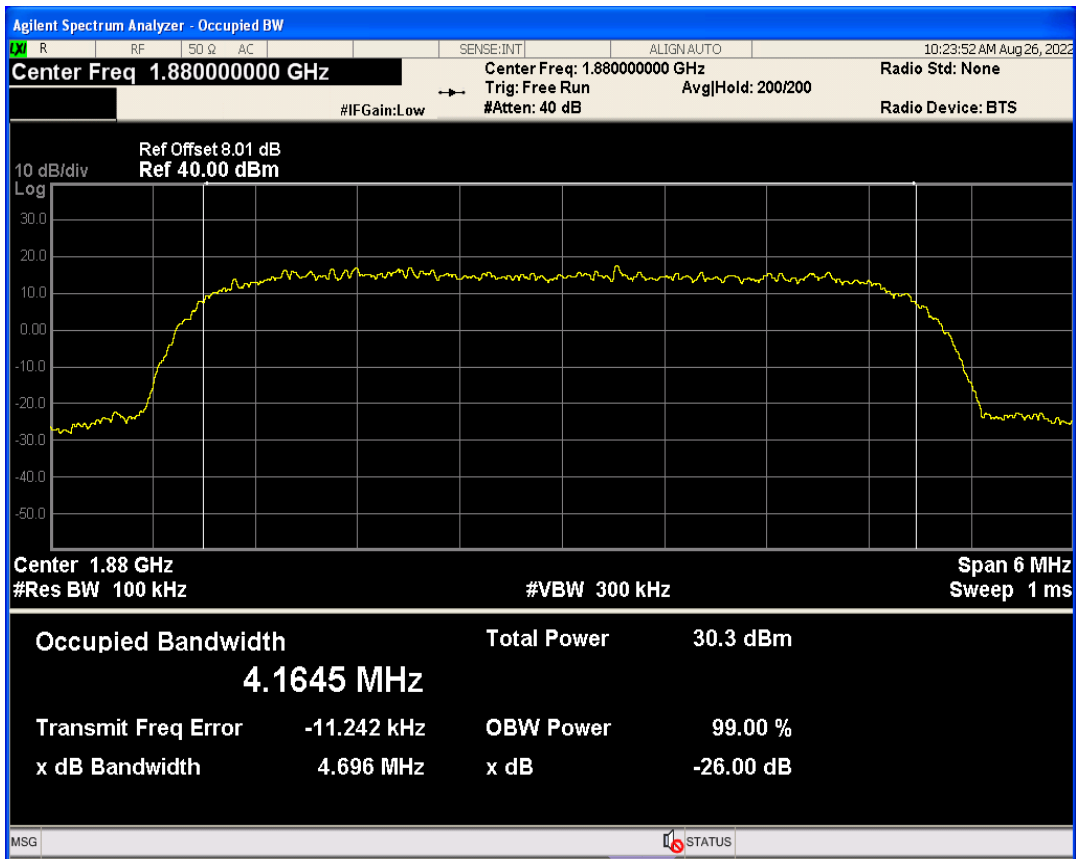
04 Occupied bandwidth

Band	Channel	Frequency (MHz)	99% OBW (kHz)	-26dB EBW (kHz)	Verdict
WCDMA Band2	9262	1852.4	4172.968	4714.028	PASS
WCDMA Band2	9400	1880	4164.491	4695.525	PASS
WCDMA Band2	9538	1907.6	4182.354	4737.490	PASS
WCDMA Band5	4132	826.4	4148.211	4702.595	PASS
WCDMA Band5	4182	836.4	4167.592	4708.520	PASS
WCDMA Band5	4233	846.6	4177.072	4678.952	PASS

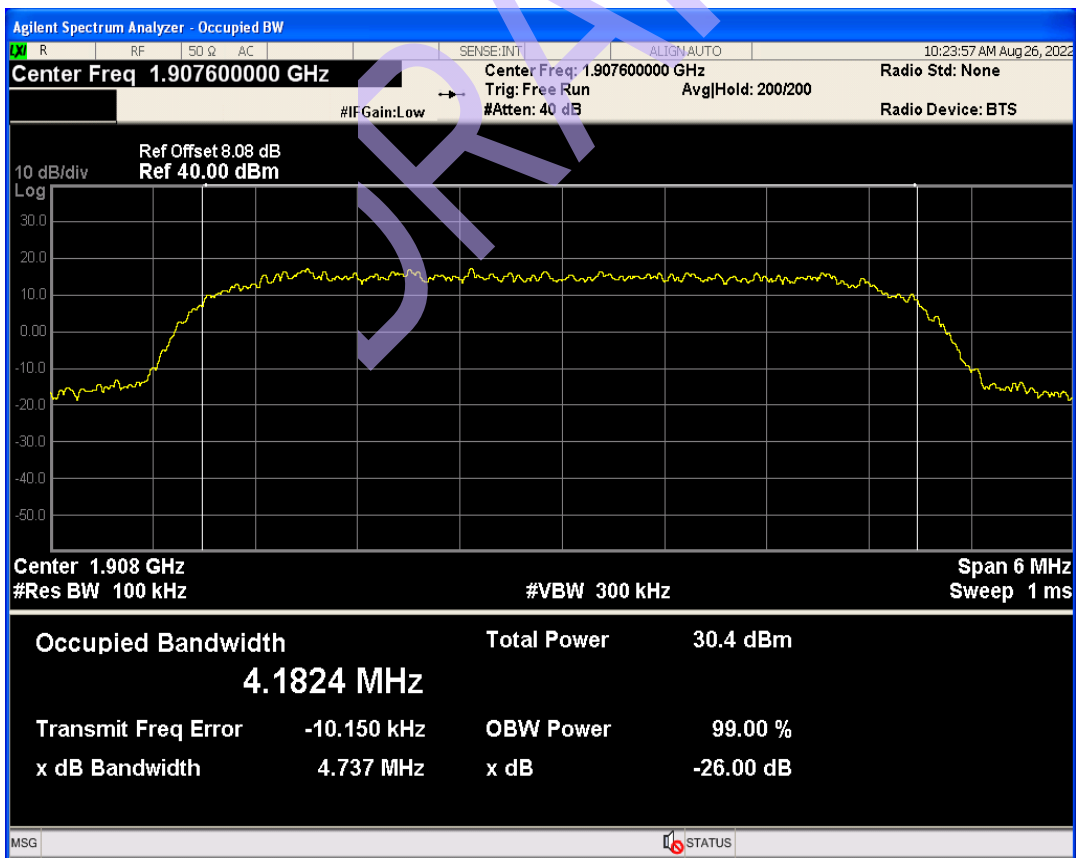
WCDMA Band2 Channel=9262



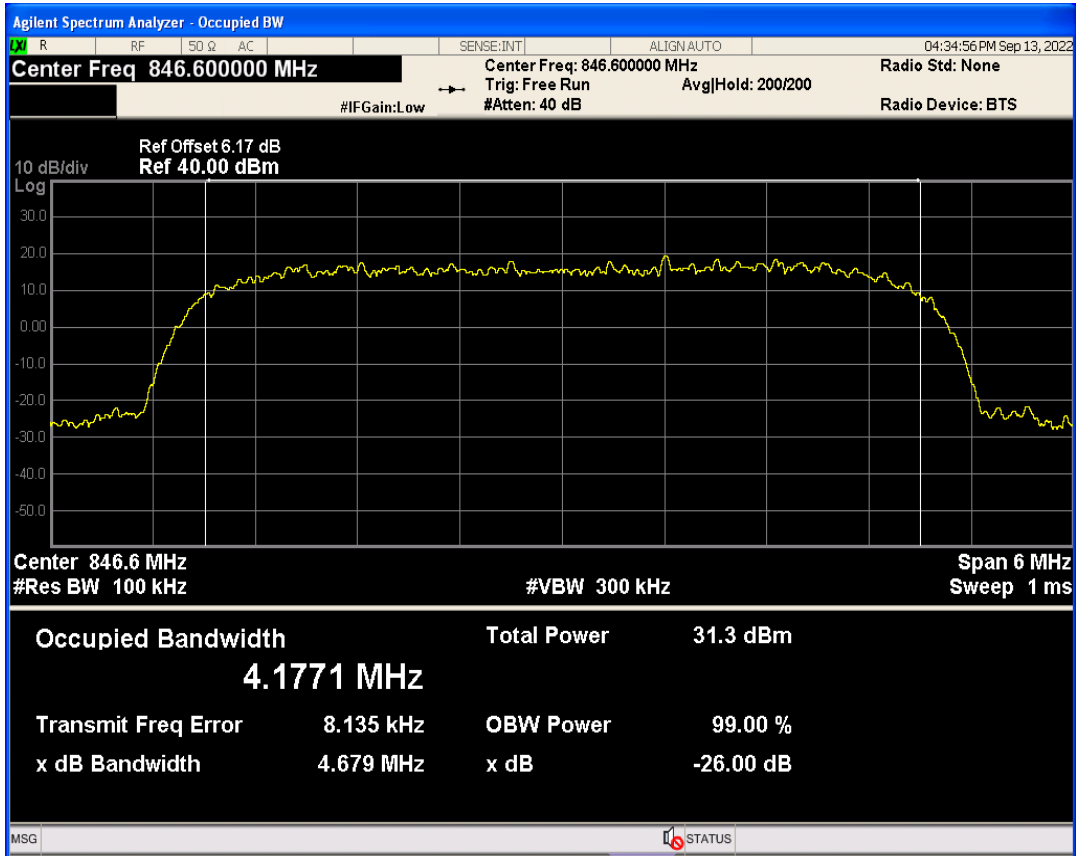
WCDMA Band2 Channel=9400



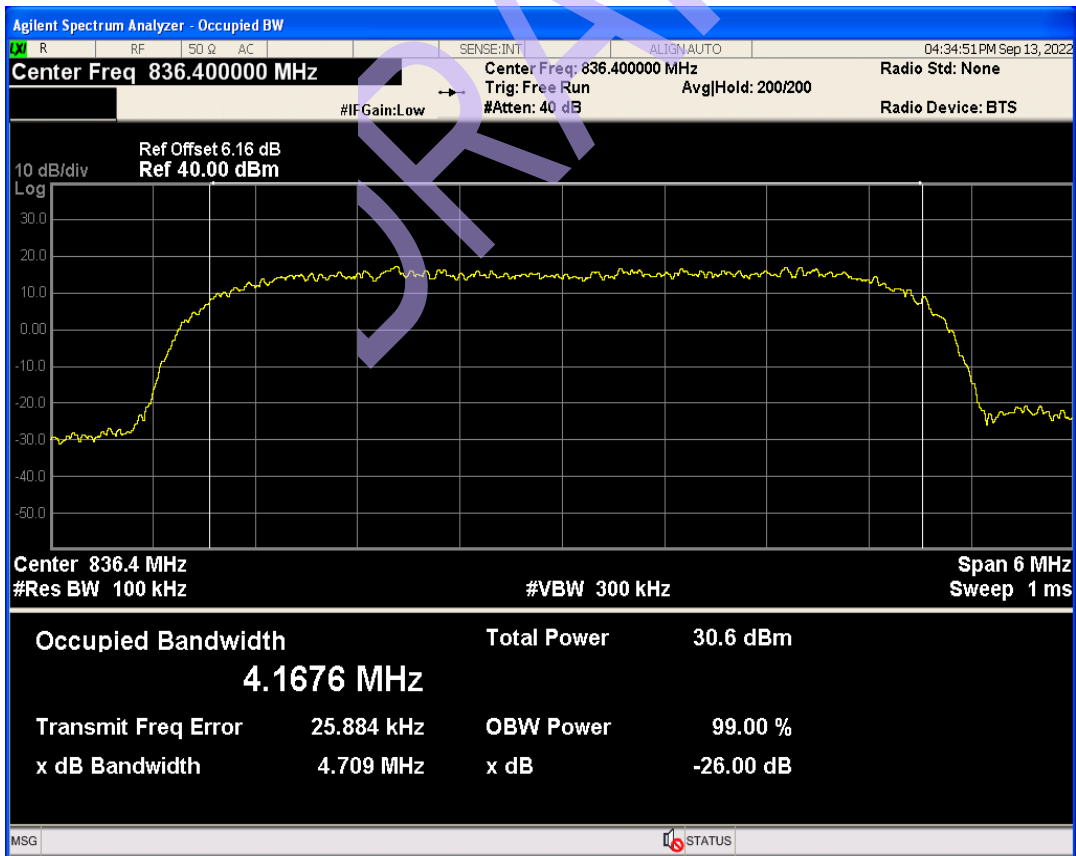
WCDMA Band2 Channel=9538



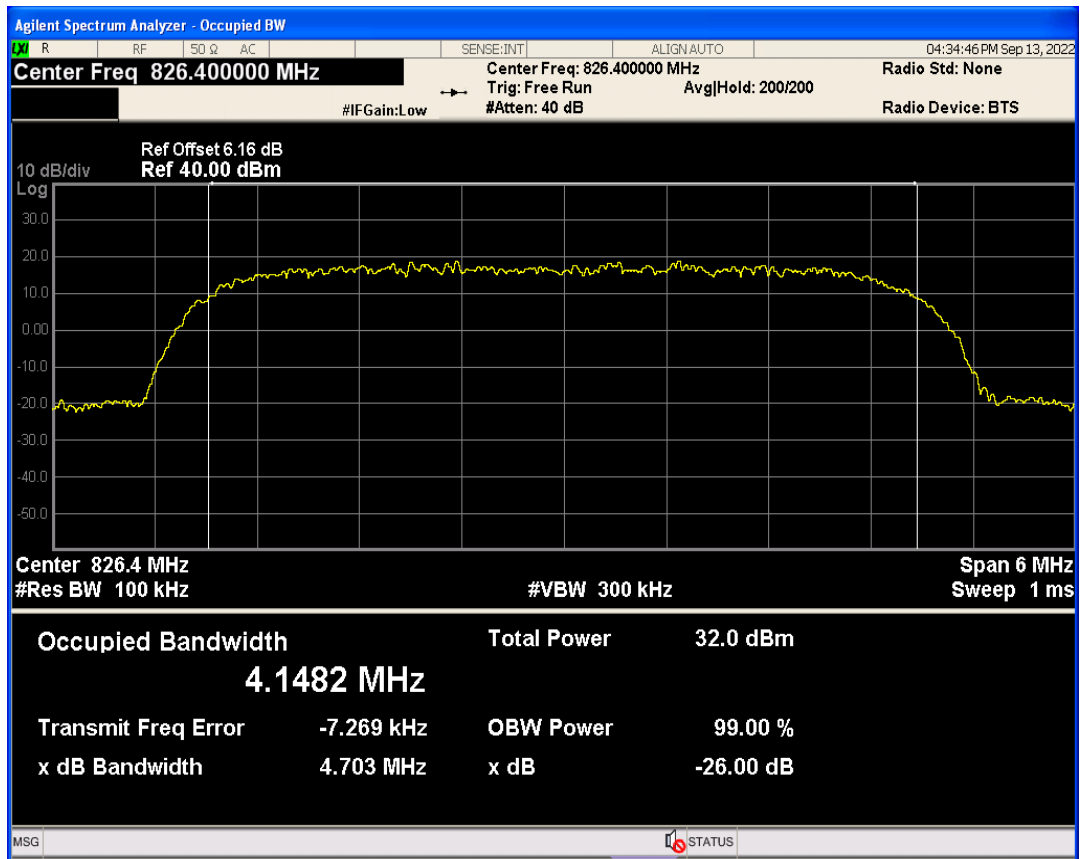
WCDMA Band5 Channel=4233



WCDMA Band5 Channel=4182



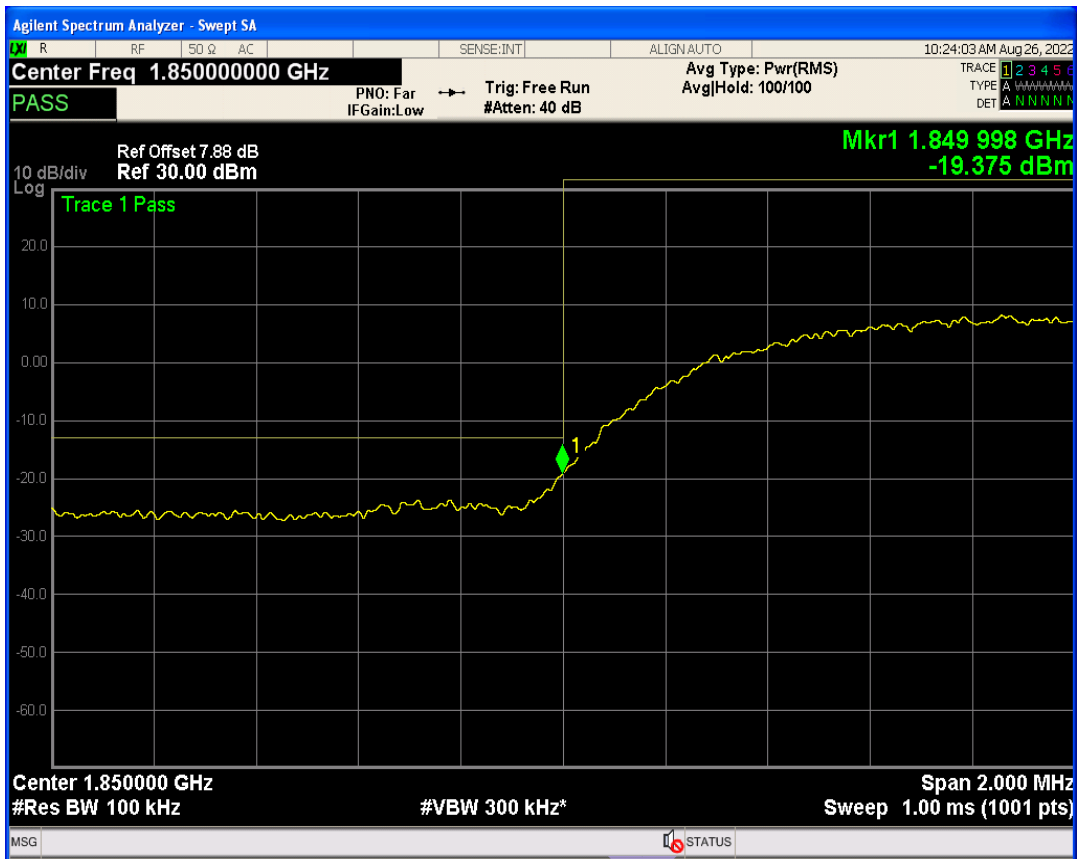
WCDMA Band5 Channel=4132



05 Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1850.00	-19.37	-13	PASS
WCDMA Band2	9538	1907.6	1910.00	-18.03	-13	PASS
WCDMA Band5	4132	826.4	824.00	-19.81	-13	PASS
WCDMA Band5	4233	846.6	849.00	-22.07	-13	PASS

WCDMA Band2 Channel=9262



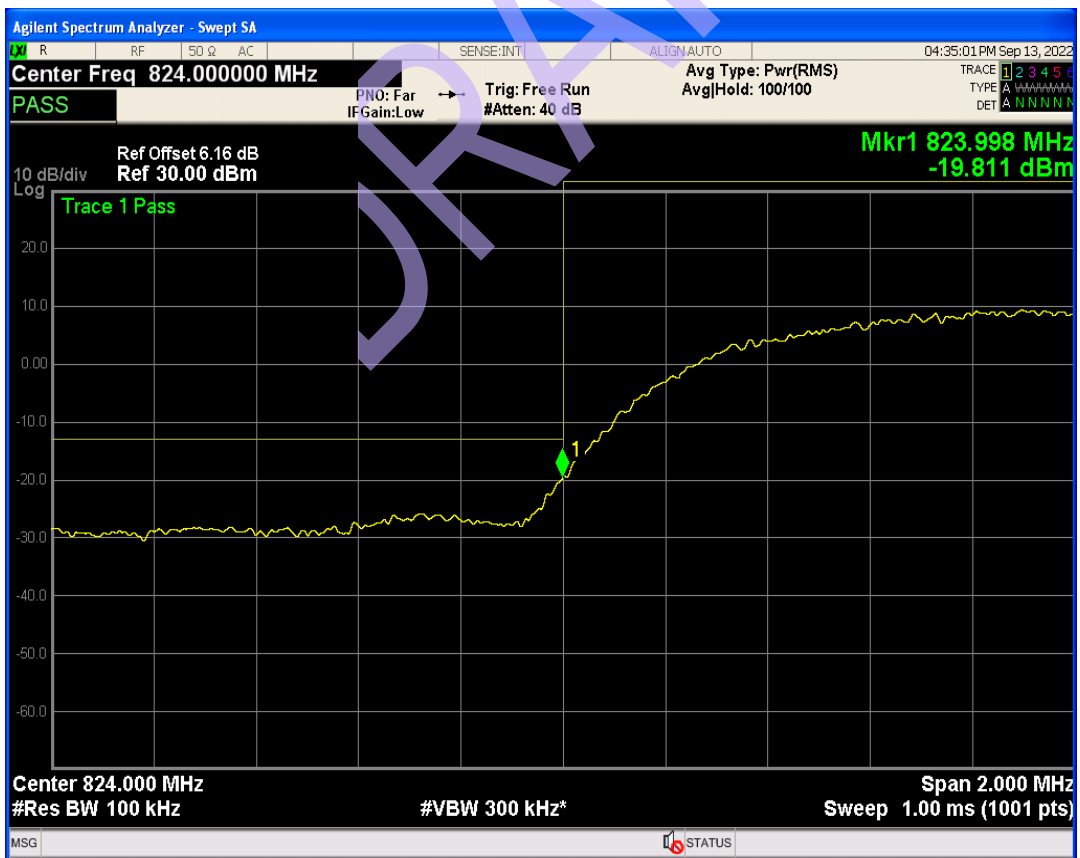
WCDMA Band2 Channel=9538



WCDMA Band5 Channel=4233



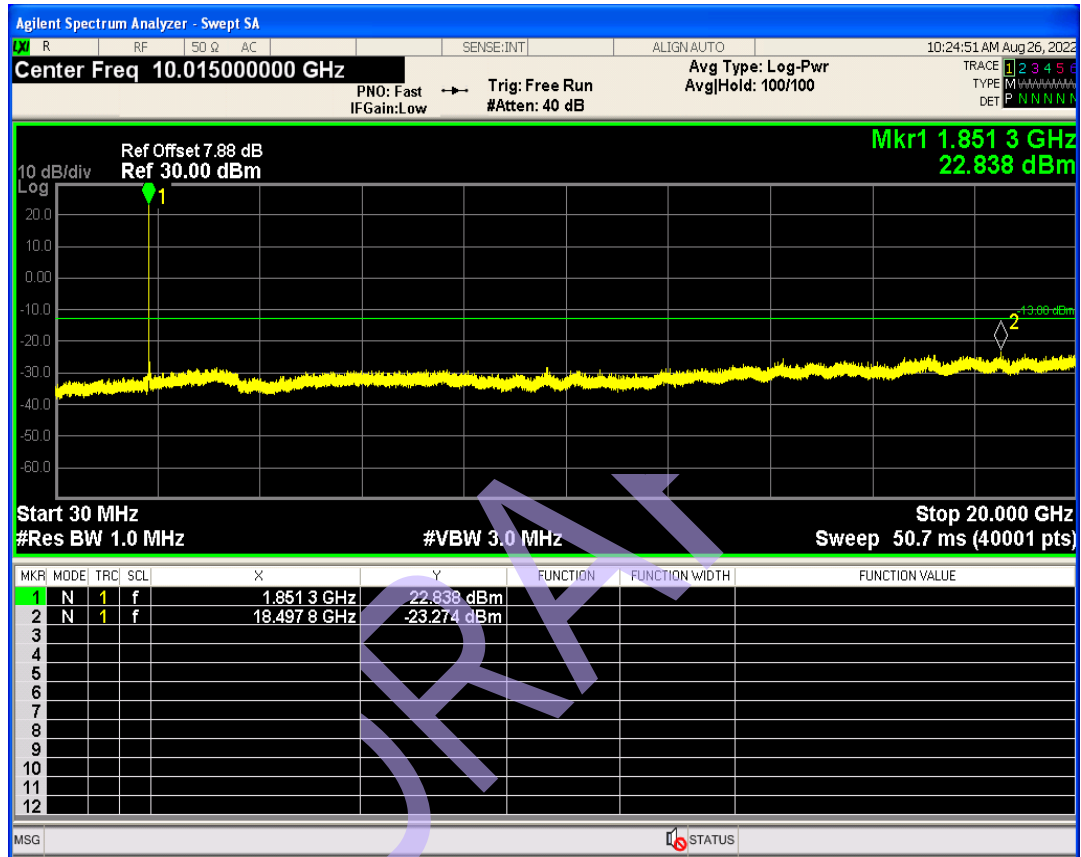
WCDMA Band5 Channel=4132



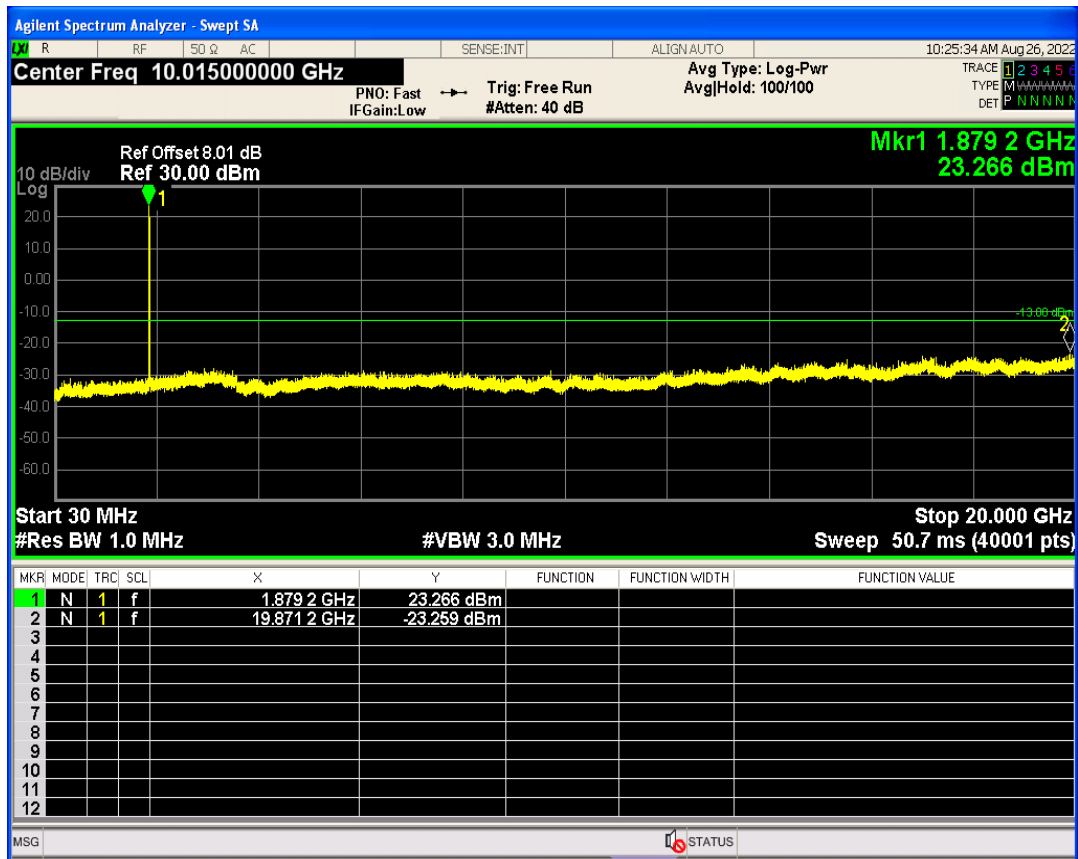
06 Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	18497.76	-23.27	-13	PASS
WCDMA Band2	9400	1880	19871.19	-23.25	-13	PASS
WCDMA Band2	9538	1907.6	19903.64	-23.47	-13	PASS
WCDMA Band5	4132	826.4	3155.60	-29.37	-13	PASS
WCDMA Band5	4182	836.4	7536.41	-30.22	-13	PASS
WCDMA Band5	4233	846.6	3134.16	-30.19	-13	PASS

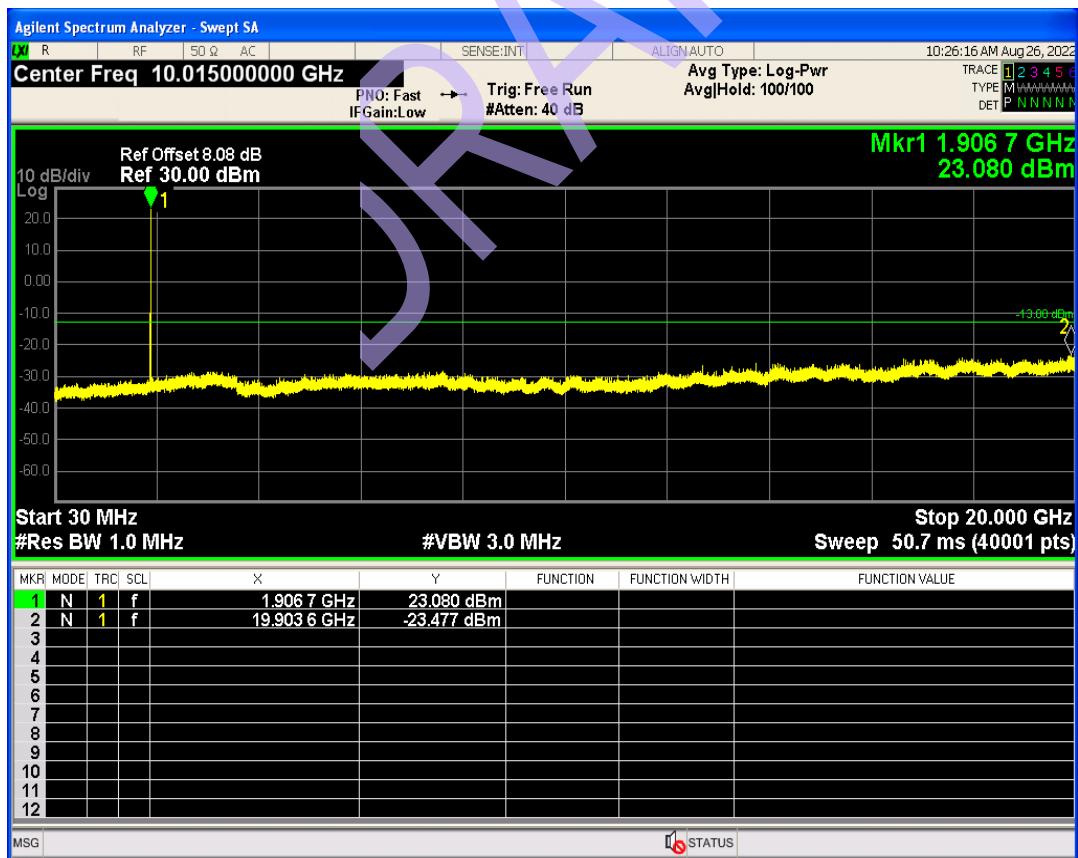
WCDMA Band2 Channel=9262



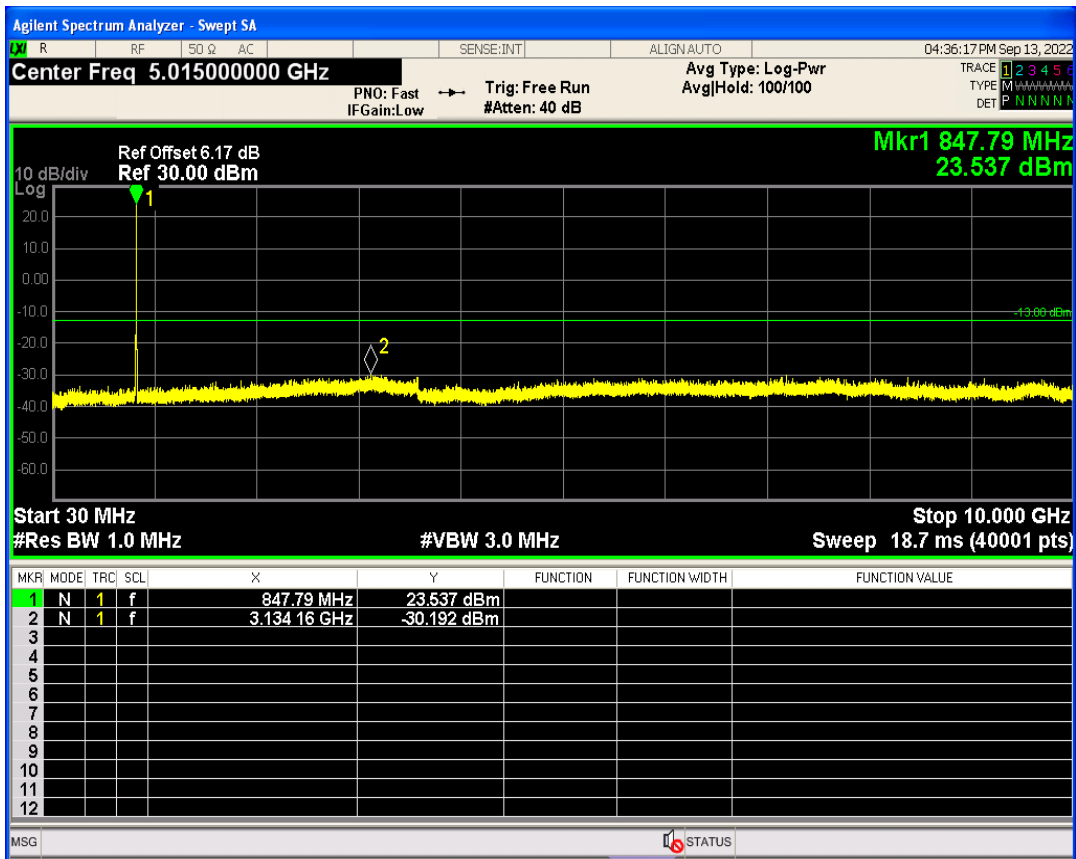
WCDMA Band2 Channel=9400



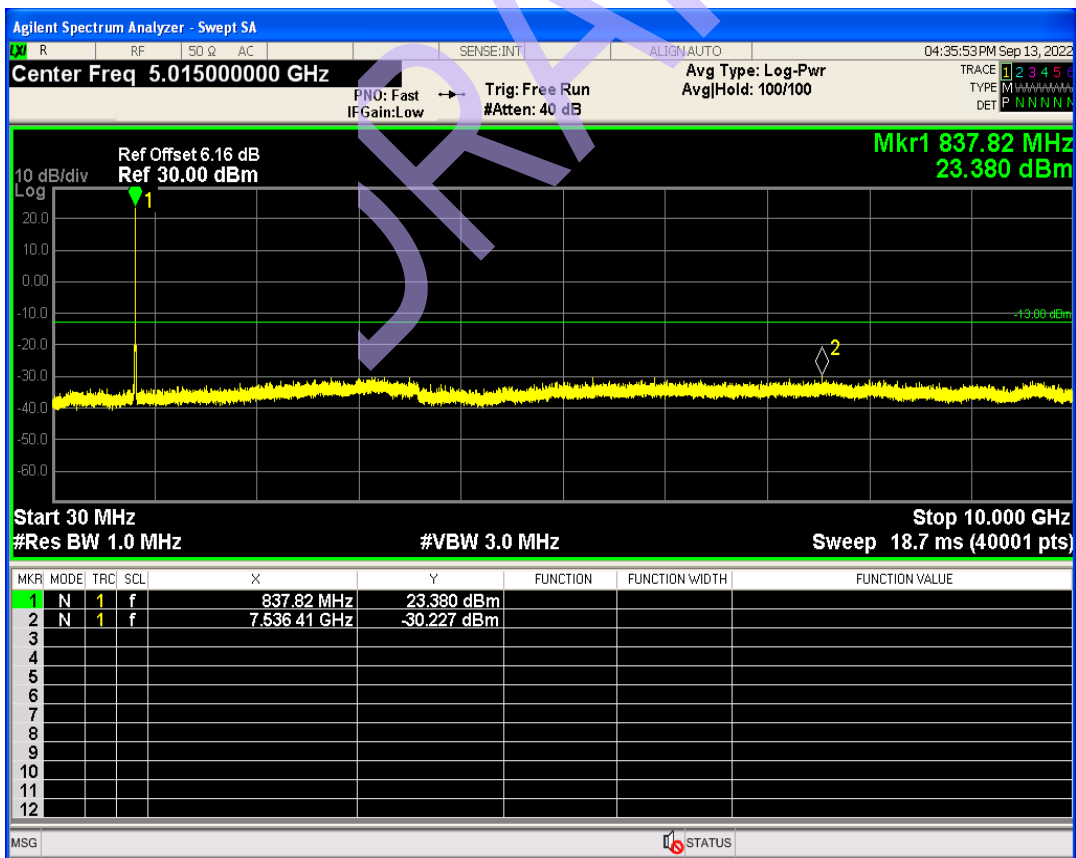
WCDMA Band2 Channel=9538



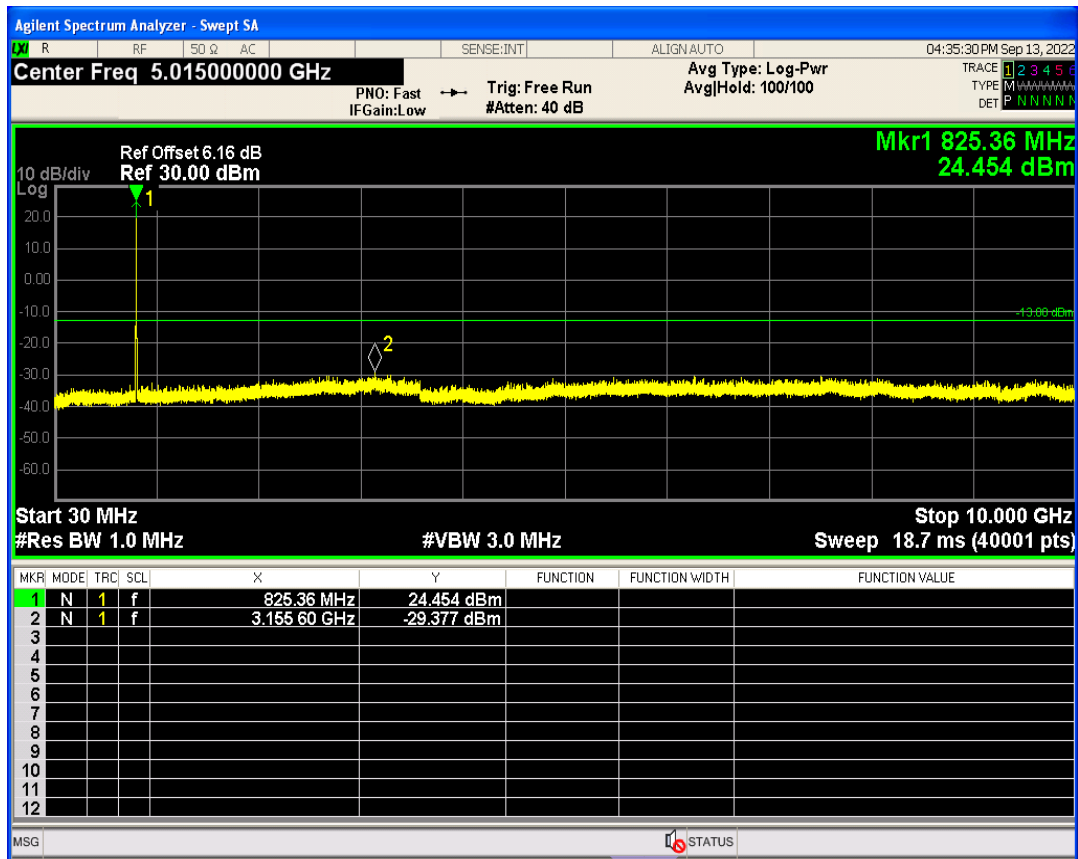
WCDMA Band5 Channel=4233



WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4132



07 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	high Limit (dBm)	Verdict
HSDPA Band2 Subtest1	9262	1852.4	20.55	37	PASS
HSDPA Band2 Subtest2	9262	1852.4	19.95	37	PASS
HSDPA Band2 Subtest3	9262	1852.4	18.83	37	PASS
HSDPA Band2 Subtest4	9262	1852.4	19.04	37	PASS
HSDPA Band2 Subtest1	9400	1880	20.73	37	PASS
HSDPA Band2 Subtest2	9400	1880	20.35	37	PASS
HSDPA Band2 Subtest3	9400	1880	19.05	37	PASS
HSDPA Band2 Subtest4	9400	1880	18.80	37	PASS
HSDPA Band2 Subtest1	9538	1907.6	20.57	37	PASS
HSDPA Band2 Subtest2	9538	1907.6	19.83	37	PASS
HSDPA Band2 Subtest3	9538	1907.6	19.22	37	PASS
HSDPA Band2 Subtest4	9538	1907.6	19.18	37	PASS
HSDPA Band5 Subtest1	4132	826.4	22.31	37	PASS
HSDPA Band5 Subtest2	4132	826.4	21.90	37	PASS
HSDPA Band5 Subtest3	4132	826.4	20.91	37	PASS
HSDPA Band5 Subtest4	4132	826.4	20.81	37	PASS
HSDPA Band5 Subtest1	4182	836.4	22.21	37	PASS
HSDPA Band5 Subtest2	4182	836.4	21.88	37	PASS
HSDPA Band5 Subtest3	4182	836.4	20.88	37	PASS
HSDPA Band5 Subtest4	4182	836.4	20.86	37	PASS
HSDPA Band5 Subtest1	4233	846.6	22.17	37	PASS

HSDPA Band5 Subtest2	4233	846.6	21.85	37	PASS
HSDPA Band5 Subtest3	4233	846.6	20.54	37	PASS
HSDPA Band5 Subtest4	4233	846.6	20.43	37	PASS

13 Conducted output power

Band	Channel	Frequency (MHz)	Power (dBm)	high Limit (dBm)	Verdict
HSUPA Band2 Subtest1	9262	1852.4	18.91	37	PASS
HSUPA Band2 Subtest2	9262	1852.4	19.95	37	PASS
HSUPA Band2 Subtest3	9262	1852.4	18.51	37	PASS
HSUPA Band2 Subtest4	9262	1852.4	20.05	37	PASS
HSUPA Band2 Subtest5	9262	1852.4	18.76	37	PASS
HSUPA Band2 Subtest1	9400	1880	20.57	37	PASS
HSUPA Band2 Subtest2	9400	1880	20.78	37	PASS
HSUPA Band2 Subtest3	9400	1880	19.55	37	PASS
HSUPA Band2 Subtest4	9400	1880	20.83	37	PASS
HSUPA Band2 Subtest5	9400	1880	20.17	37	PASS
HSUPA Band2 Subtest1	9538	1907.6	20.29	37	PASS
HSUPA Band2 Subtest2	9538	1907.6	20.10	37	PASS
HSUPA Band2 Subtest3	9538	1907.6	19.13	37	PASS
HSUPA Band2 Subtest4	9538	1907.6	20.51	37	PASS
HSUPA Band2 Subtest5	9538	1907.6	19.78	37	PASS
HSUPA Band5 Subtest1	4132	826.4	20.83	37	PASS
HSUPA Band5 Subtest2	4132	826.4	22.25	37	PASS
HSUPA Band5 Subtest3	4132	826.4	20.35	37	PASS
HSUPA Band5 Subtest4	4132	826.4	22.42	37	PASS
HSUPA Band5 Subtest5	4132	826.4	21.38	37	PASS
HSUPA Band5 Subtest1	4182	836.4	22.11	37	PASS
HSUPA Band5 Subtest2	4182	836.4	22.17	37	PASS
HSUPA Band5 Subtest3	4182	836.4	20.63	37	PASS
HSUPA Band5 Subtest4	4182	836.4	22.25	37	PASS
HSUPA Band5 Subtest5	4182	836.4	21.56	37	PASS
HSUPA Band5 Subtest1	4233	846.6	22.06	37	PASS
HSUPA Band5 Subtest2	4233	846.6	22.10	37	PASS
HSUPA Band5 Subtest3	4233	846.6	21.04	37	PASS
HSUPA Band5 Subtest4	4233	846.6	22.21	37	PASS
HSUPA Band5 Subtest5	4233	846.6	21.57	37	PASS