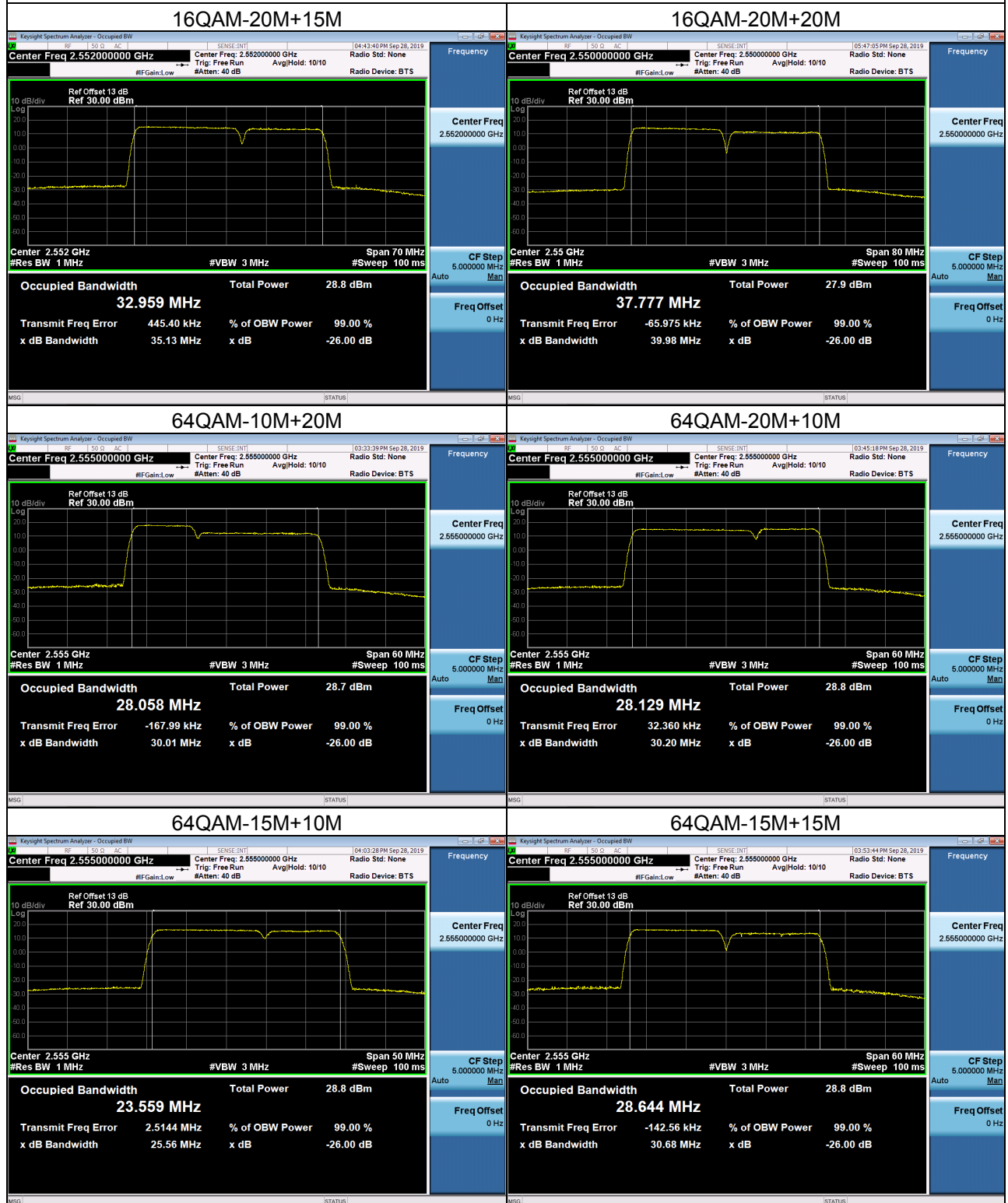


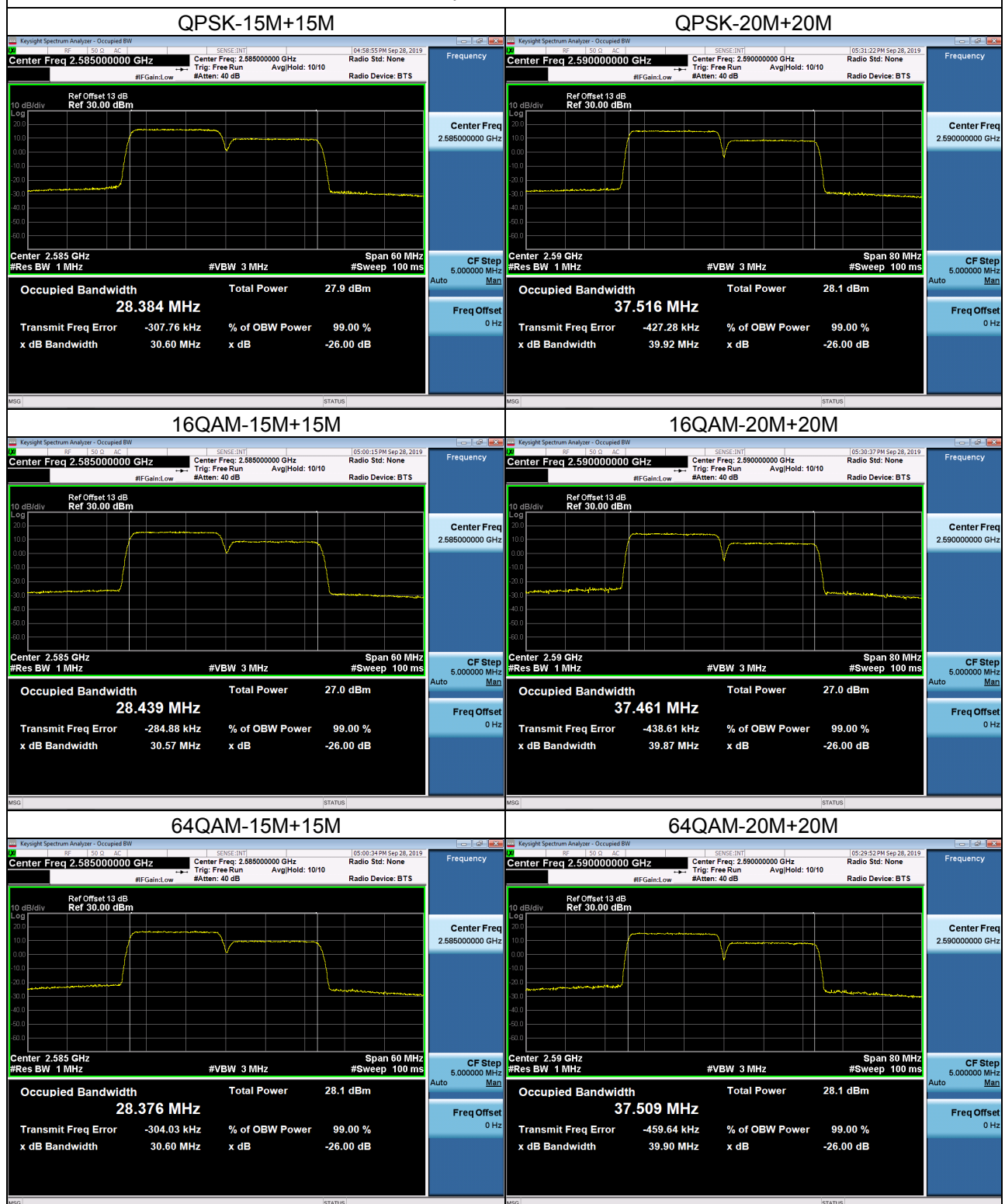
Spectrum Plot





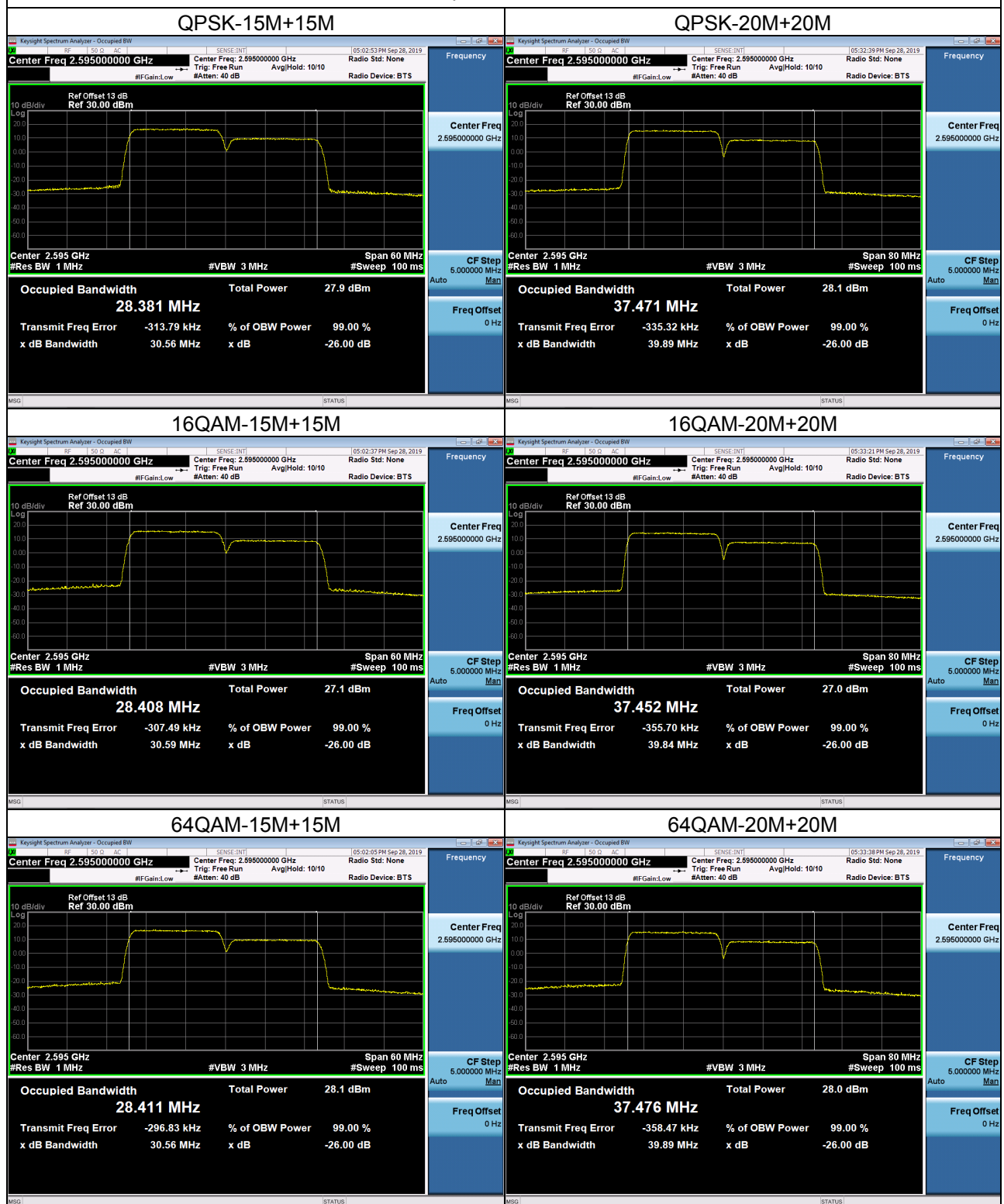
LTE CA_38C / Low Range						
QPSK						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	37825	2577.5	37975	2592.5	28.384	30.600
20+20	37850	2580	38048	2599.8	37.516	39.92
16QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	37825	2577.5	37975	2592.5	28.439	30.57
20+20	37850	2580	38048	2599.8	37.461	39.87
64QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	37825	2577.5	37975	2592.5	28.376	30.600
20+20	37850	2580	38048	2599.8	37.509	39.900

Spectrum Plot



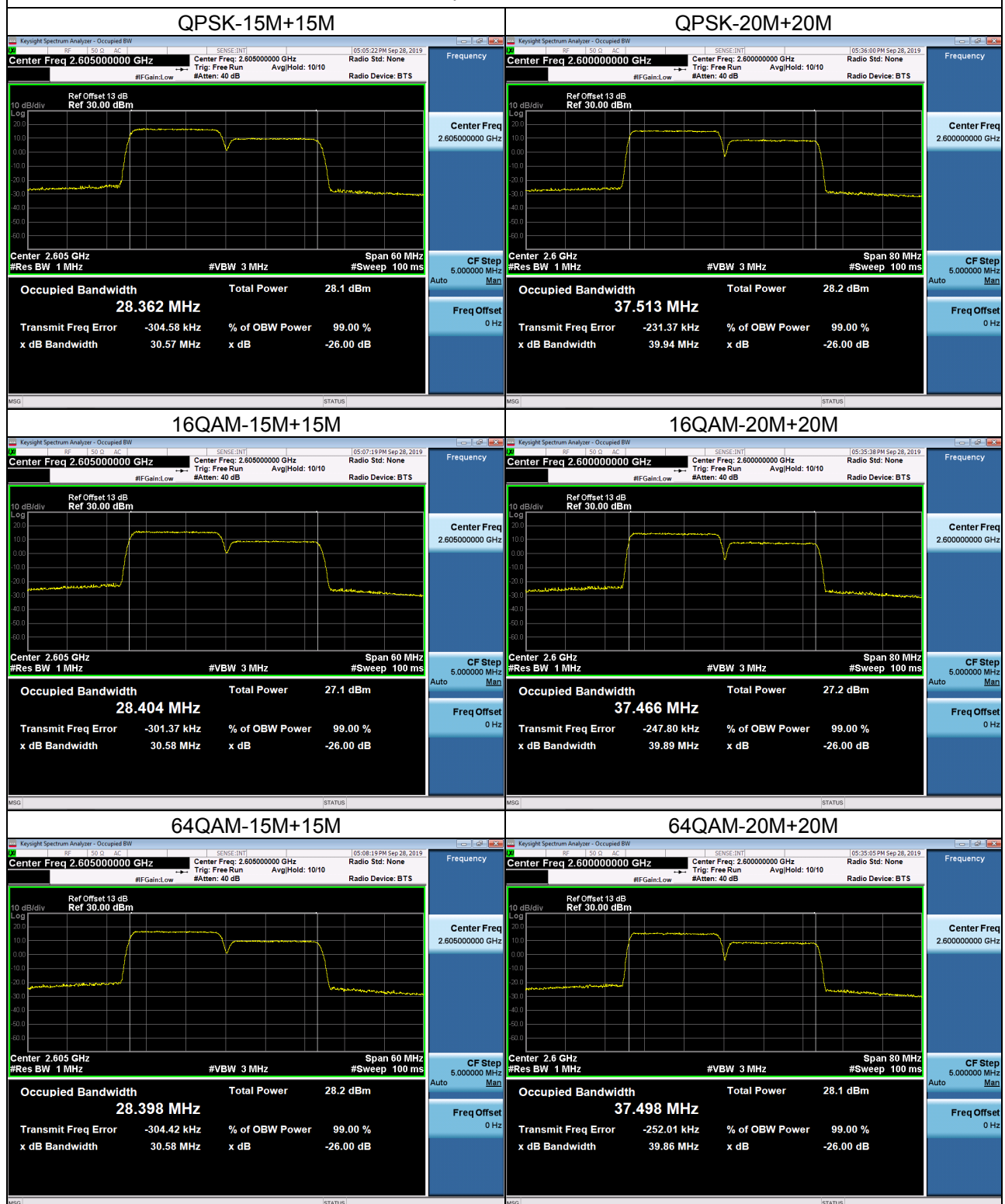
LTE CA_38C / Mid Range						
QPSK						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	37925	2587.5	38075	2602.5	28.381	30.560
20+20	37901	2585.1	38099	2604.9	37.471	39.890
16QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	37925	2587.5	38075	2602.5	28.408	30.590
20+20	37901	2585.1	38099	2604.9	37.452	39.840
64QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	37925	2587.5	38075	2602.5	28.411	30.560
20+20	37901	2585.1	38099	2604.9	37.476	39.890

Spectrum Plot



LTE CA_38C / High Range						
QPSK						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	38025	2597.5	38175	2612.5	28.362	30.570
20+20	37952	2590.2	38150	2610	37.513	39.940
16QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	38025	2597.5	38175	2612.5	28.404	30.580
20+20	37952	2590.2	38150	2610	37.466	39.890
64QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
15+15	38025	2597.5	38175	2612.5	28.398	30.580
20+20	37952	2590.2	38150	2610	37.498	39.860

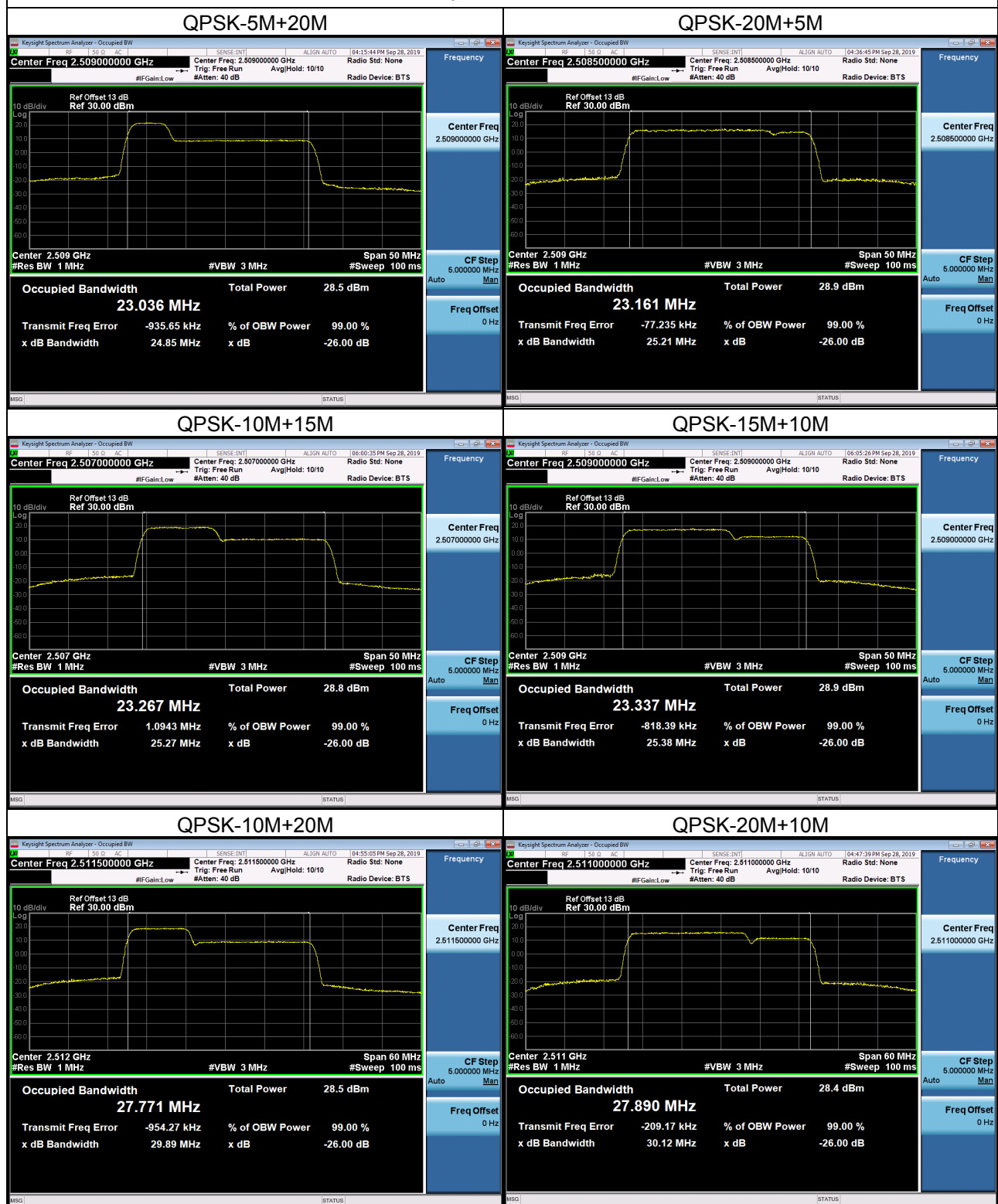
Spectrum Plot



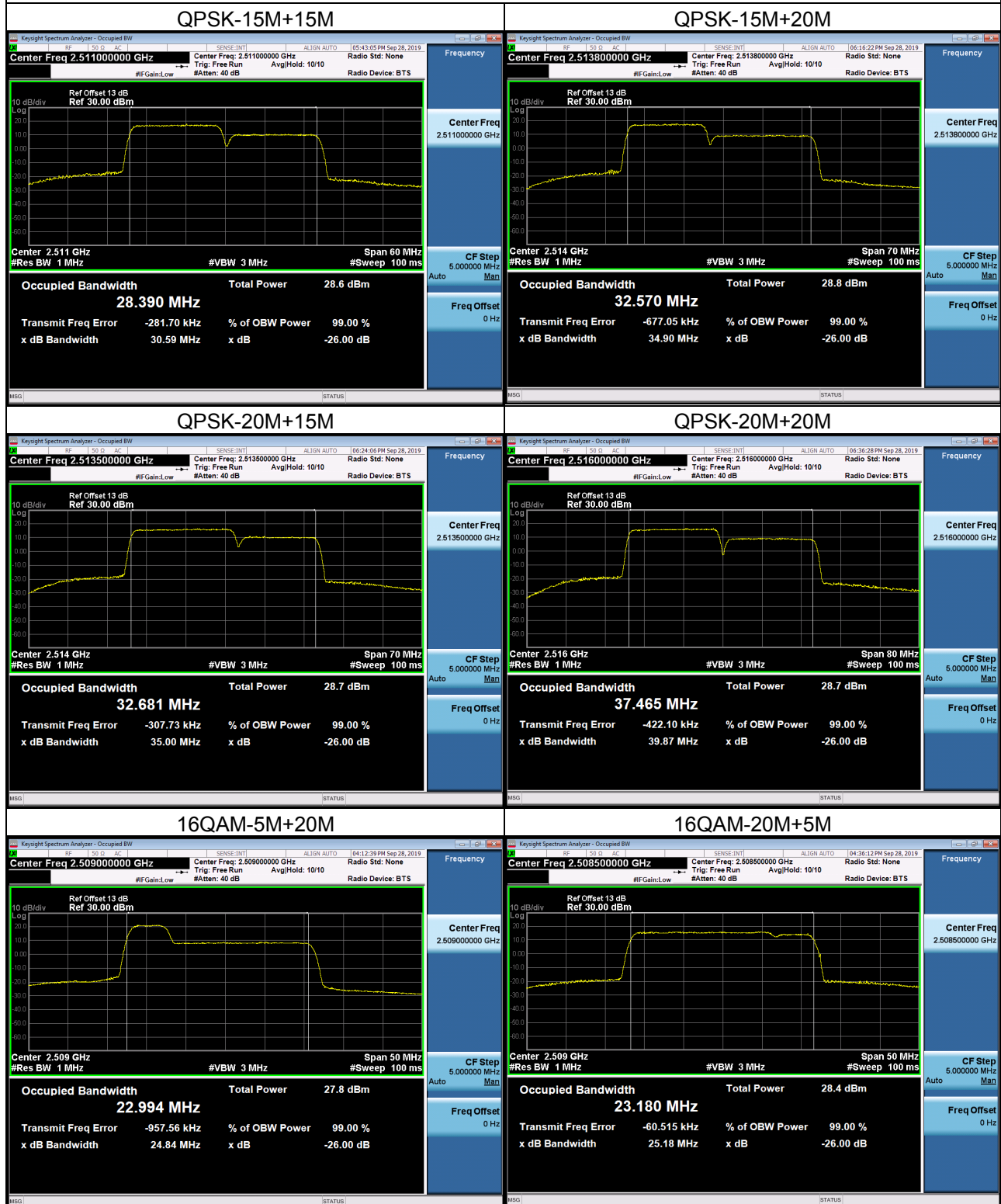
LTE CA_41C / Low Range						
QPSK						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
5+20	39683	2499.3	39800	2511	23.036	24.850
20+5	39750	2506	39867	2517.7	23.161	25.210
10+15	39703	2501.3	39823	2513.3	23.267	25.270
15+10	39725	2503.5	39845	2515.5	23.337	25.380
10+20	39705	2501.5	39849	2515.9	27.771	29.890
20+10	39750	2506	39894	2520.4	27.890	30.120
15+15	39725	2503.5	39875	2518.5	28.390	30.590
15+20	39728	2503.8	39899	2520.9	32.570	34.900
20+15	39750	2506	39921	2523.1	32.681	35.000
20+20	39750	2506	39948	2525.8	37.465	39.870
16QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
5+20	39683	2499.3	39800	2511	22.994	24.840
20+5	39750	2506	39867	2517.7	23.180	25.180
10+15	39703	2501.3	39823	2513.3	23.325	25.310
15+10	39725	2503.5	39845	2515.5	23.359	25.400
10+20	39705	2501.5	39849	2515.9	27.834	29.860
20+10	39750	2506	39894	2520.4	27.883	30.100
15+15	39725	2503.5	39875	2518.5	28.440	30.590
15+20	39728	2503.8	39899	2520.9	32.607	34.910
20+15	39750	2506	39921	2523.1	32.655	34.960
20+20	39750	2506	39948	2525.8	37.446	39.890

LTE CA_41C / Low Range						
64QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
5+20	39683	2499.3	39800	2511	23.029	24.790
20+5	39750	2506	39867	2517.7	23.133	25.170
10+15	39703	2501.3	39823	2513.3	23.275	25.260
15+10	39725	2503.5	39845	2515.5	23.337	25.390
10+20	39705	2501.5	39849	2515.9	27.796	29.850
20+10	39750	2506	39894	2520.4	27.896	30.110
15+15	39725	2503.5	39875	2518.5	28.451	30.600
15+20	39728	2503.8	39899	2520.9	32.639	34.920
20+15	39750	2506	39921	2523.1	32.711	35.000
20+20	39750	2506	39948	2525.8	37.458	39.890

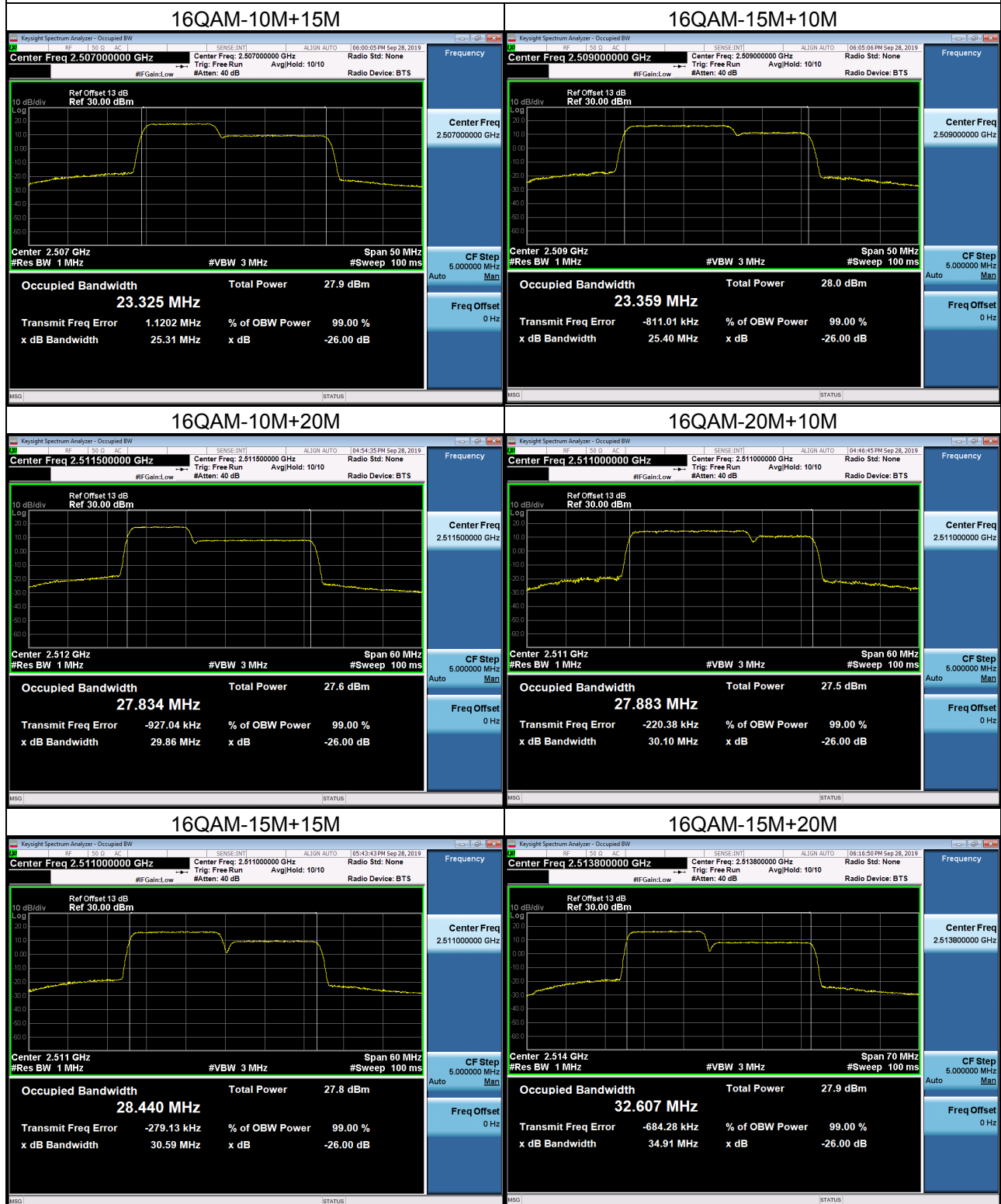
Spectrum Plot



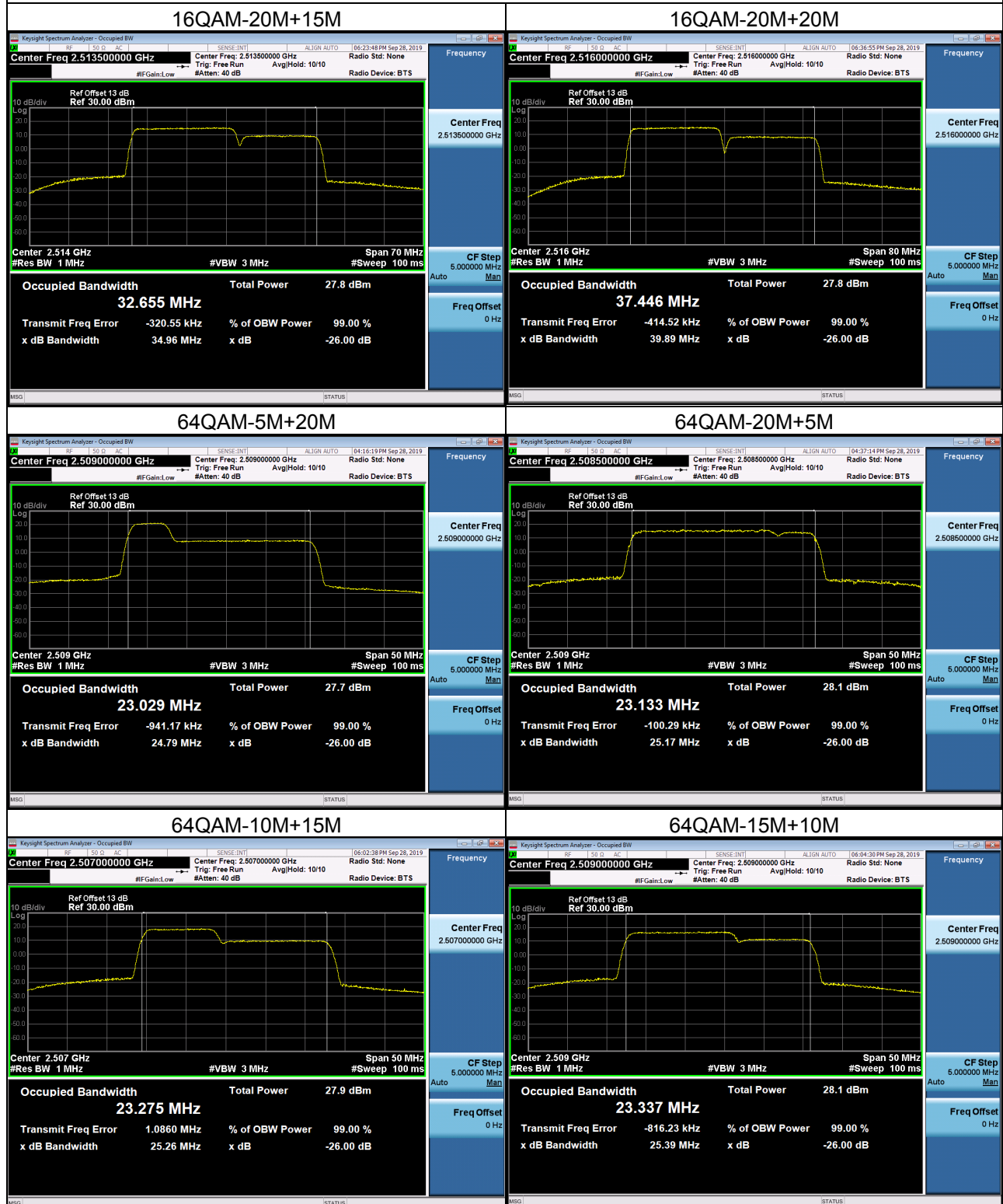
Spectrum Plot



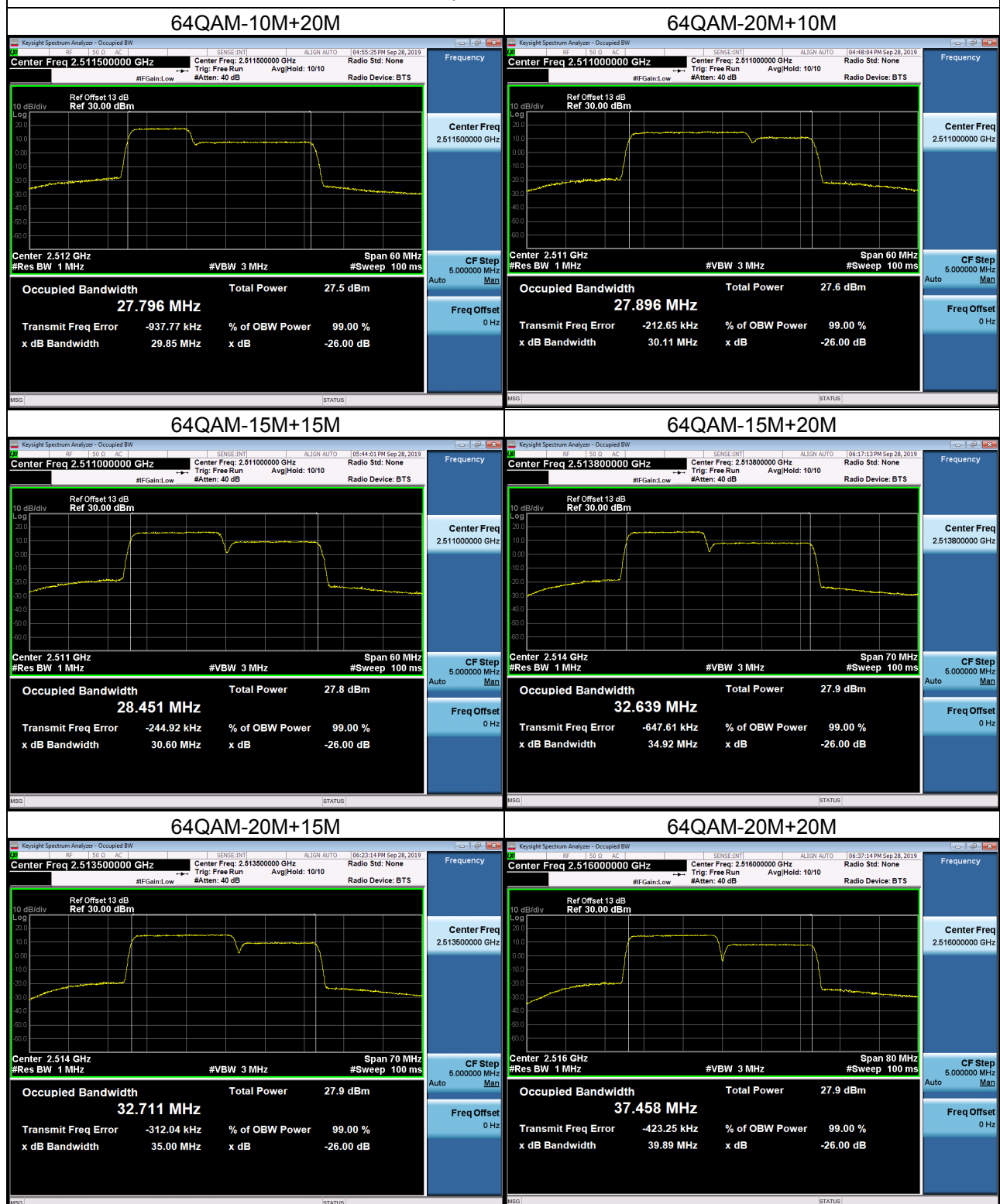
Spectrum Plot



Spectrum Plot



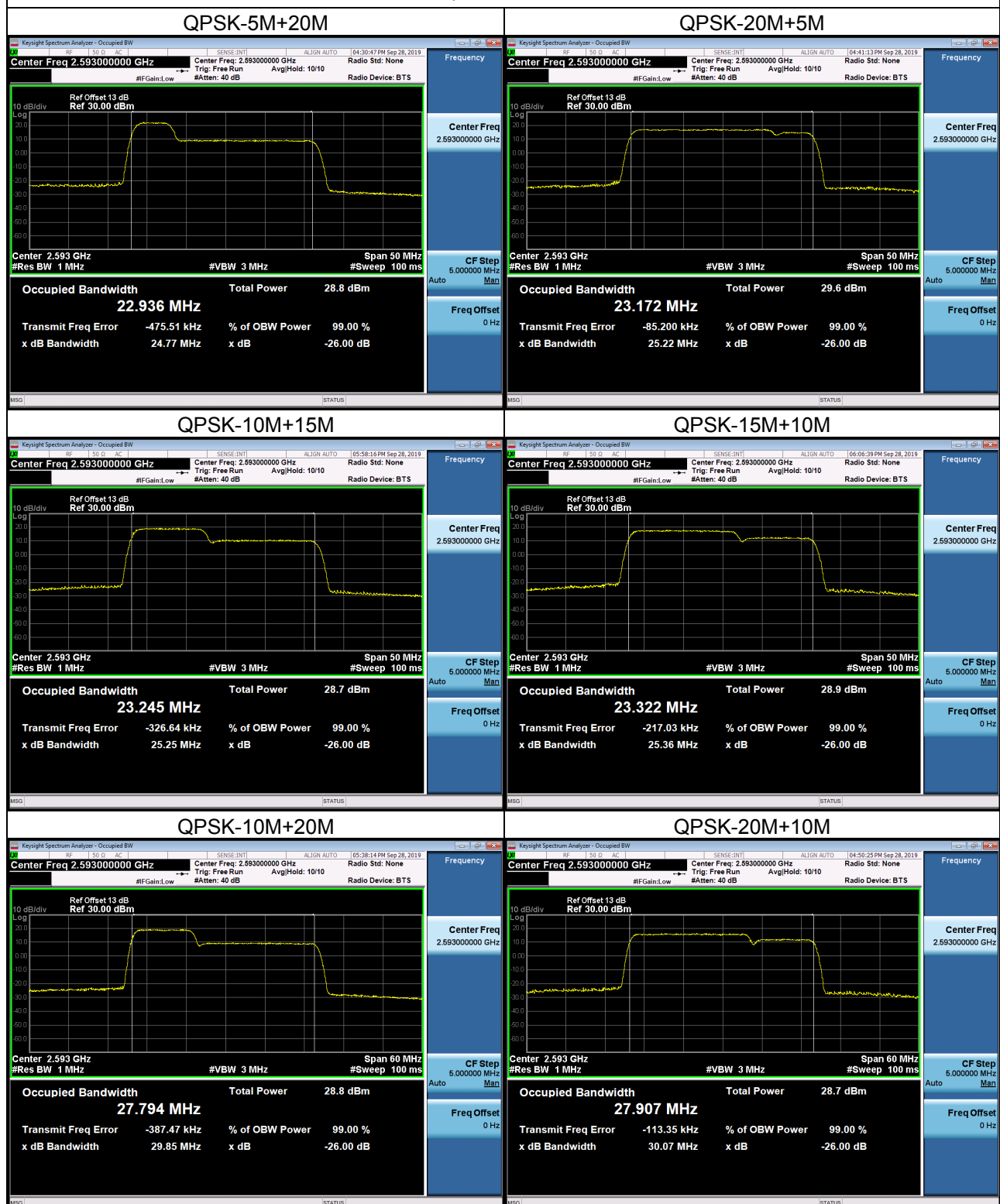
Spectrum Plot



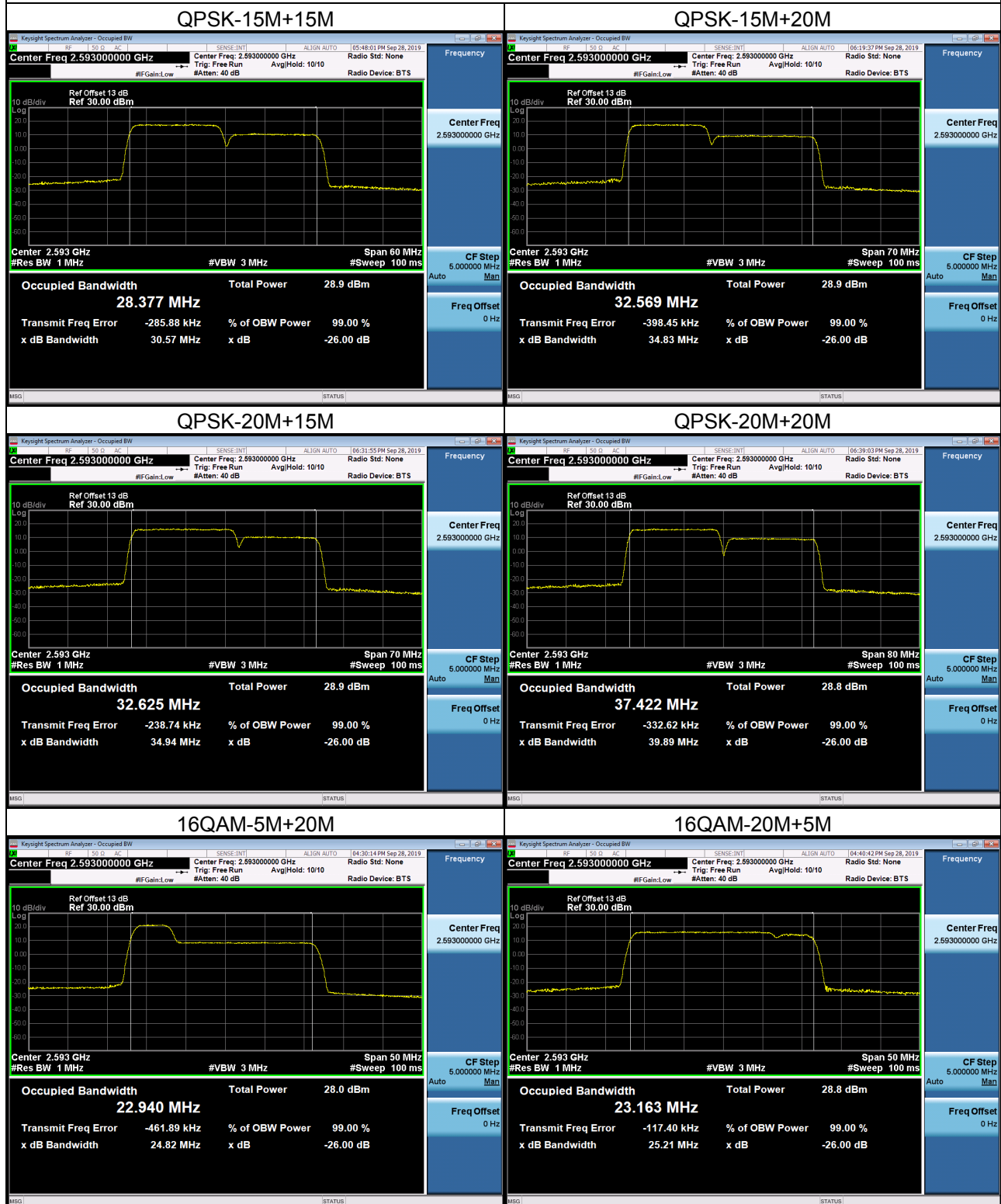
LTE CA_41C / Mid Range						
QPSK						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
5+20	40528	2583.8	40645	2595.5	22.936	24.770
20+5	40595	2590.5	40712	2602.2	23.172	25.220
10+15	40549	2585.9	40669	2597.9	23.245	25.250
15+10	40571	2588.1	40691	2600.1	23.322	25.360
10+20	40526	2583.6	40670	2598	27.794	29.850
20+10	40571	2588.1	40715	2602.5	27.907	30.070
15+15	40545	2585.5	40695	2600.5	28.377	30.570
15+20	40523	2583.3	40694	2600.4	32.569	34.830
20+15	40546	2585.6	40717	2602.7	32.625	34.940
20+20	40521	2583.1	40719	2602.9	37.422	39.890
16QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
5+20	40528	2583.8	40645	2595.5	22.940	24.820
20+5	40595	2590.5	40712	2602.2	23.163	25.210
10+15	40549	2585.9	40669	2597.9	23.287	25.280
15+10	40571	2588.1	40691	2600.1	23.342	25.380
10+20	40526	2583.6	40670	2598	27.763	29.900
20+10	40571	2588.1	40715	2602.5	27.868	30.030
15+15	40545	2585.5	40695	2600.5	28.409	30.590
15+20	40523	2583.3	40694	2600.4	32.551	34.870
20+15	40546	2585.6	40717	2602.7	32.659	34.980
20+20	40521	2583.1	40719	2602.9	37.415	39.890

LTE CA_41C / Mid Range						
64QAM						
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)
5+20	40528	2583.8	40645	2595.5	22.948	24.810
20+5	40595	2590.5	40712	2602.2	23.162	25.200
10+15	40549	2585.9	40669	2597.9	23.273	25.280
15+10	40571	2588.1	40691	2600.1	23.320	25.400
10+20	40526	2583.6	40670	2598	27.761	29.910
20+10	40571	2588.1	40715	2602.5	27.913	30.060
15+15	40545	2585.5	40695	2600.5	28.386	30.580
15+20	40523	2583.3	40694	2600.4	32.586	34.900
20+15	40546	2585.6	40717	2602.7	32.629	34.960
20+20	40521	2583.1	40719	2602.9	37.422	39.890

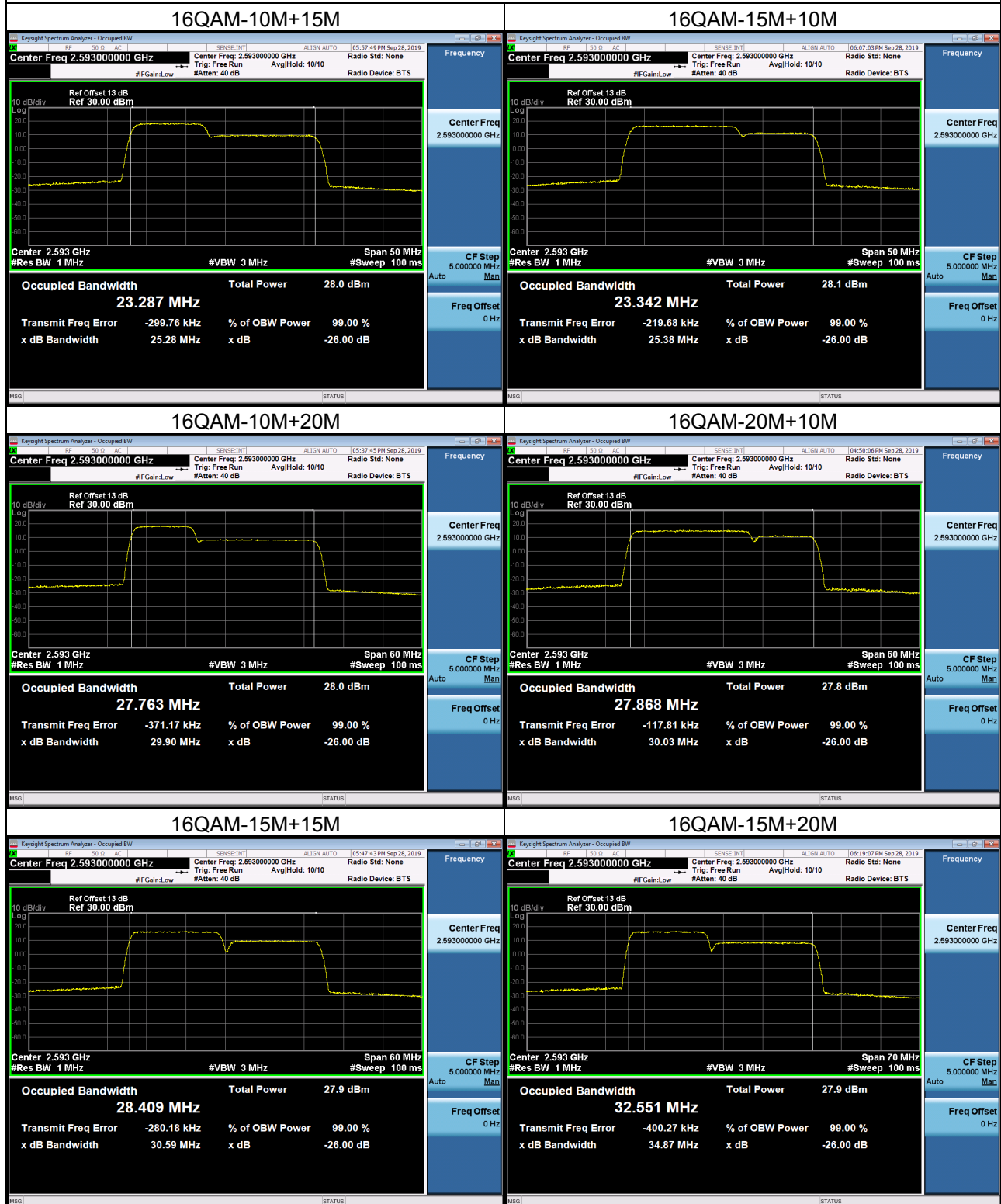
Spectrum Plot



Spectrum Plot



Spectrum Plot



Spectrum Plot

