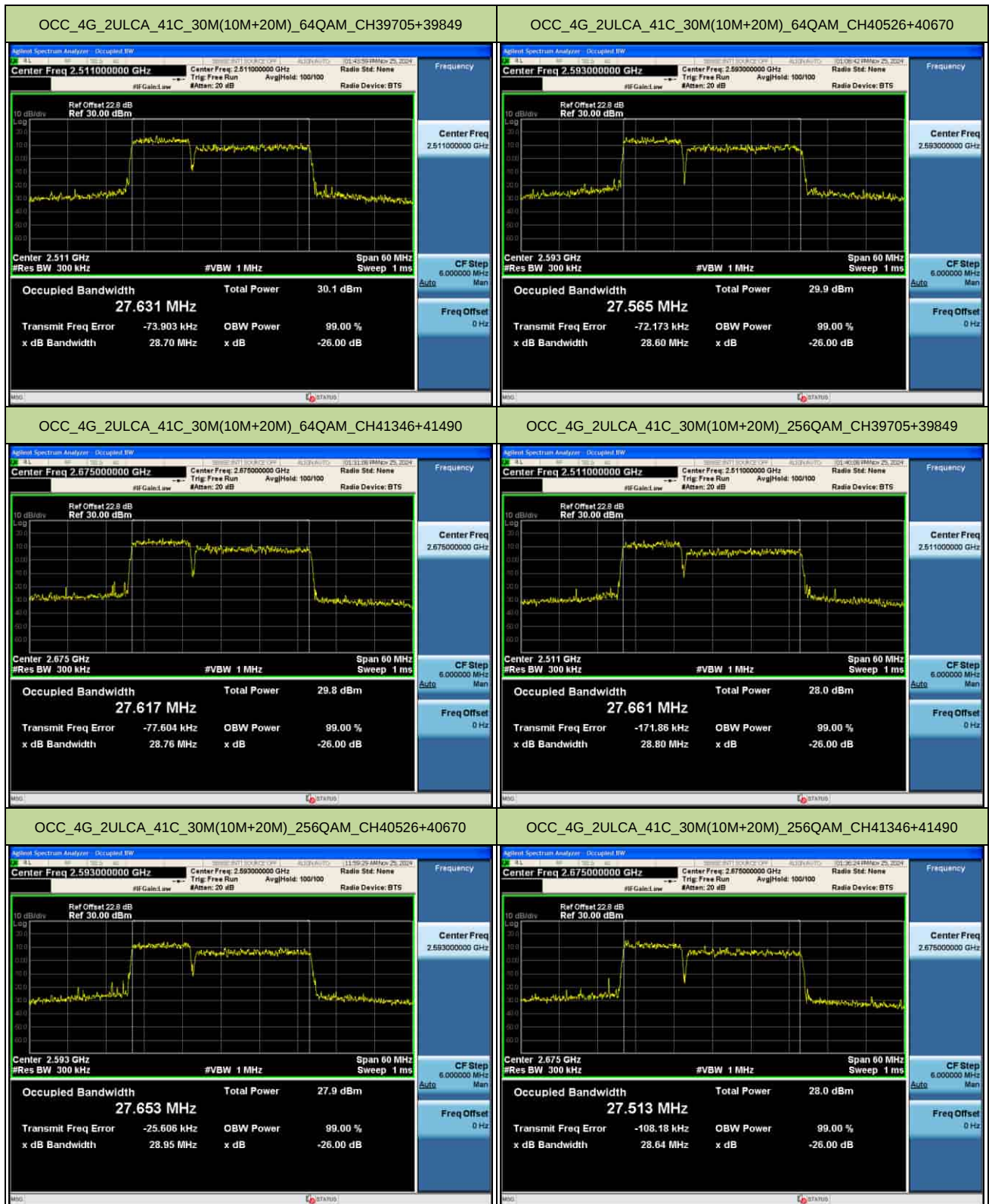
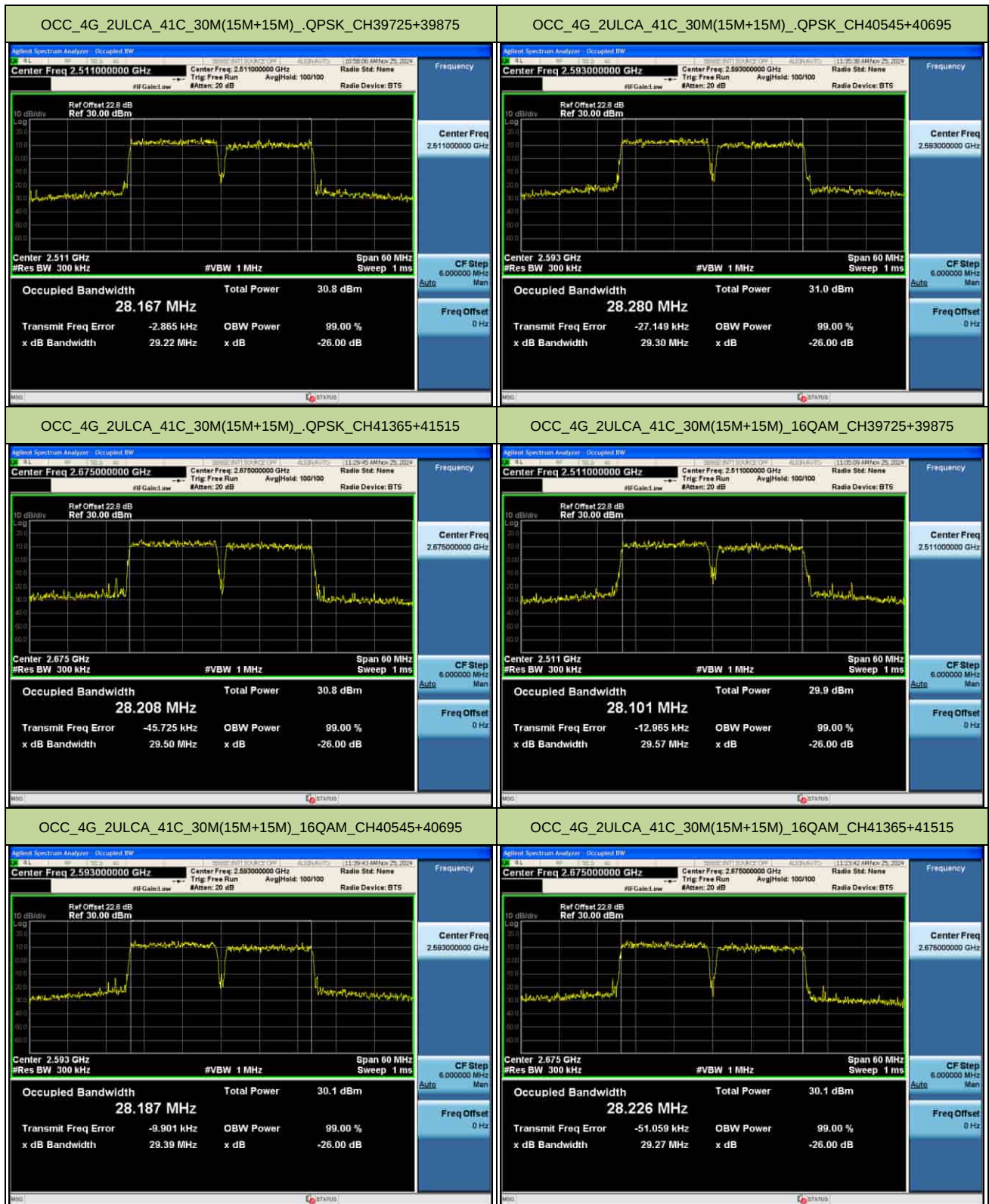
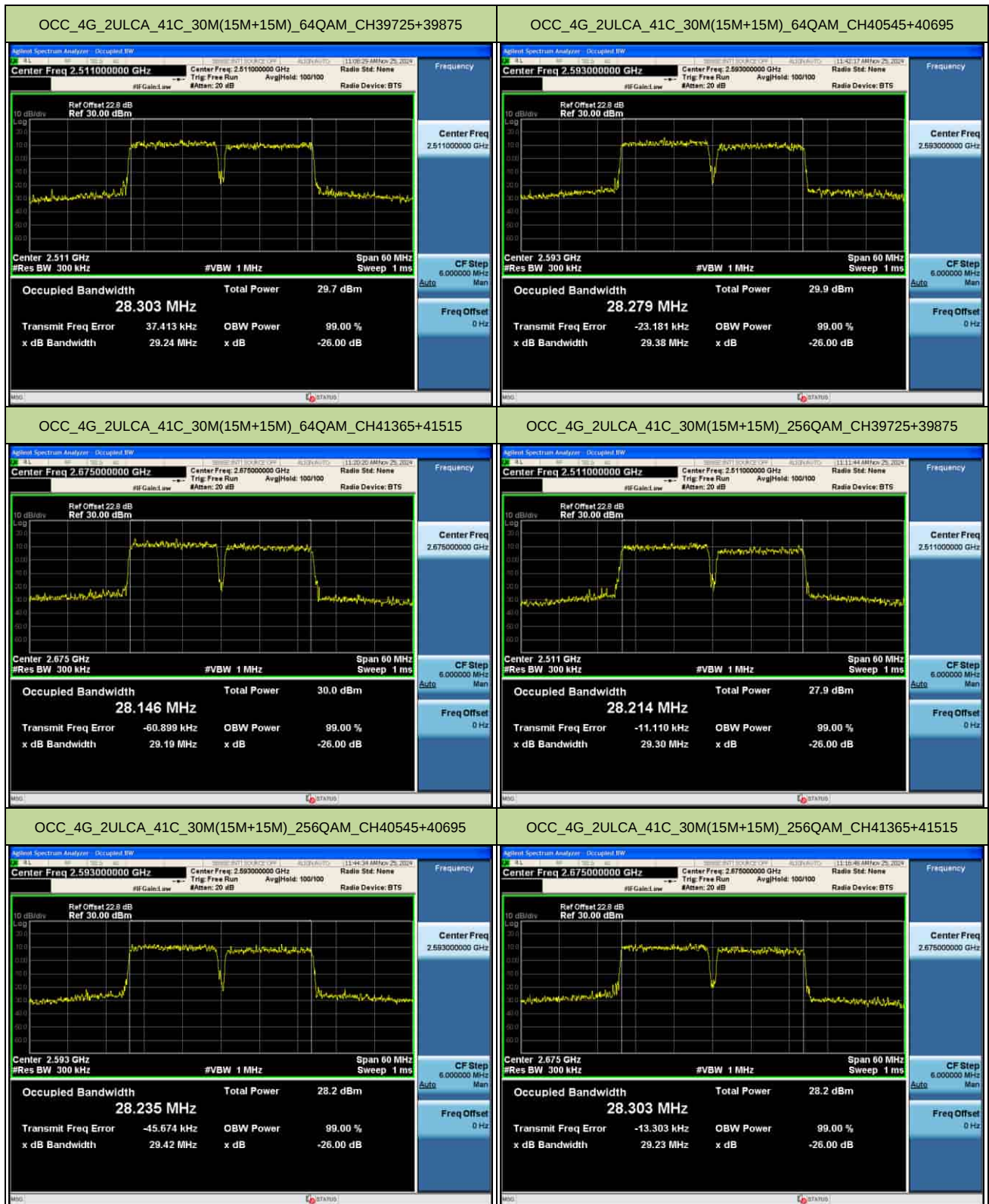
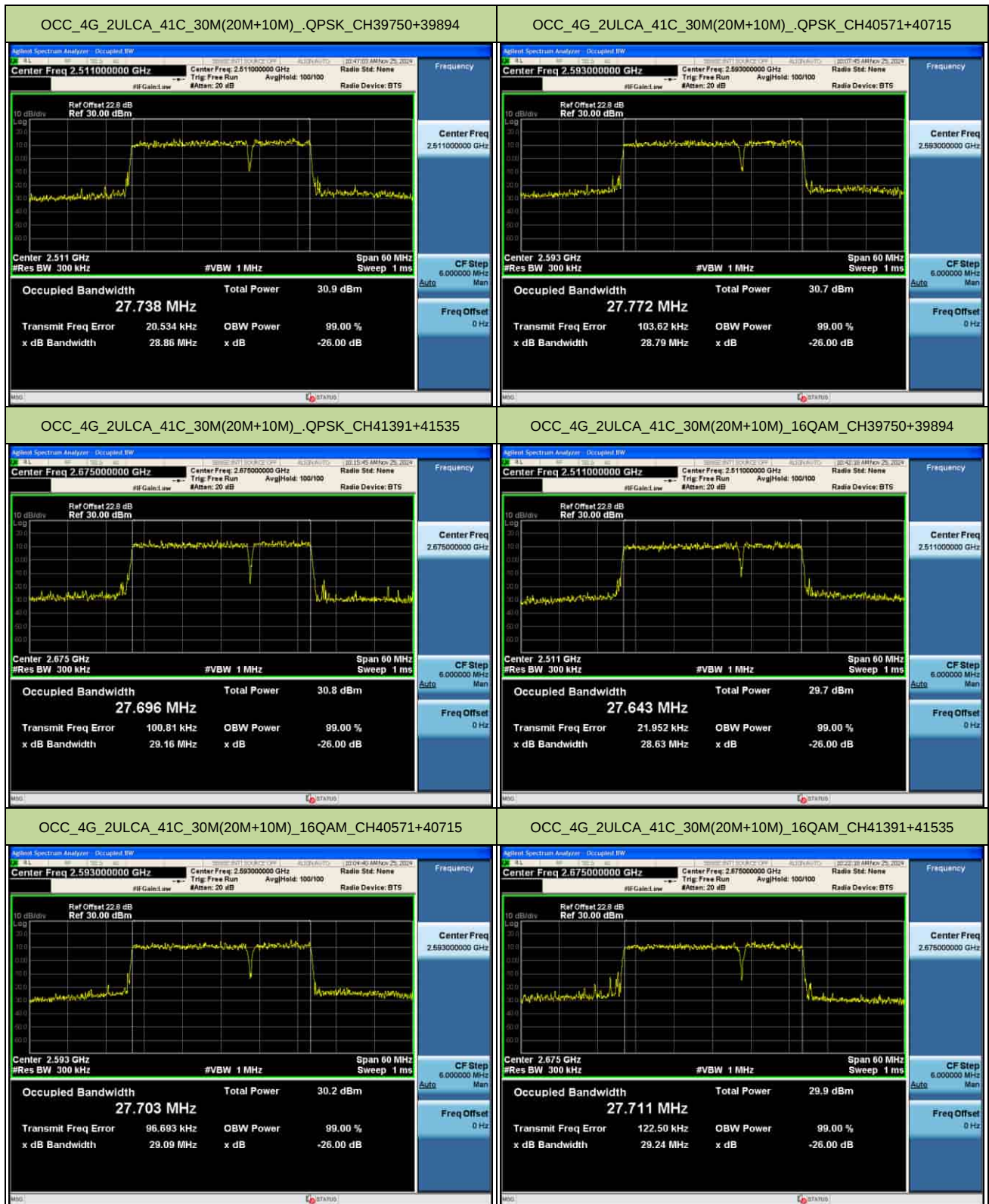
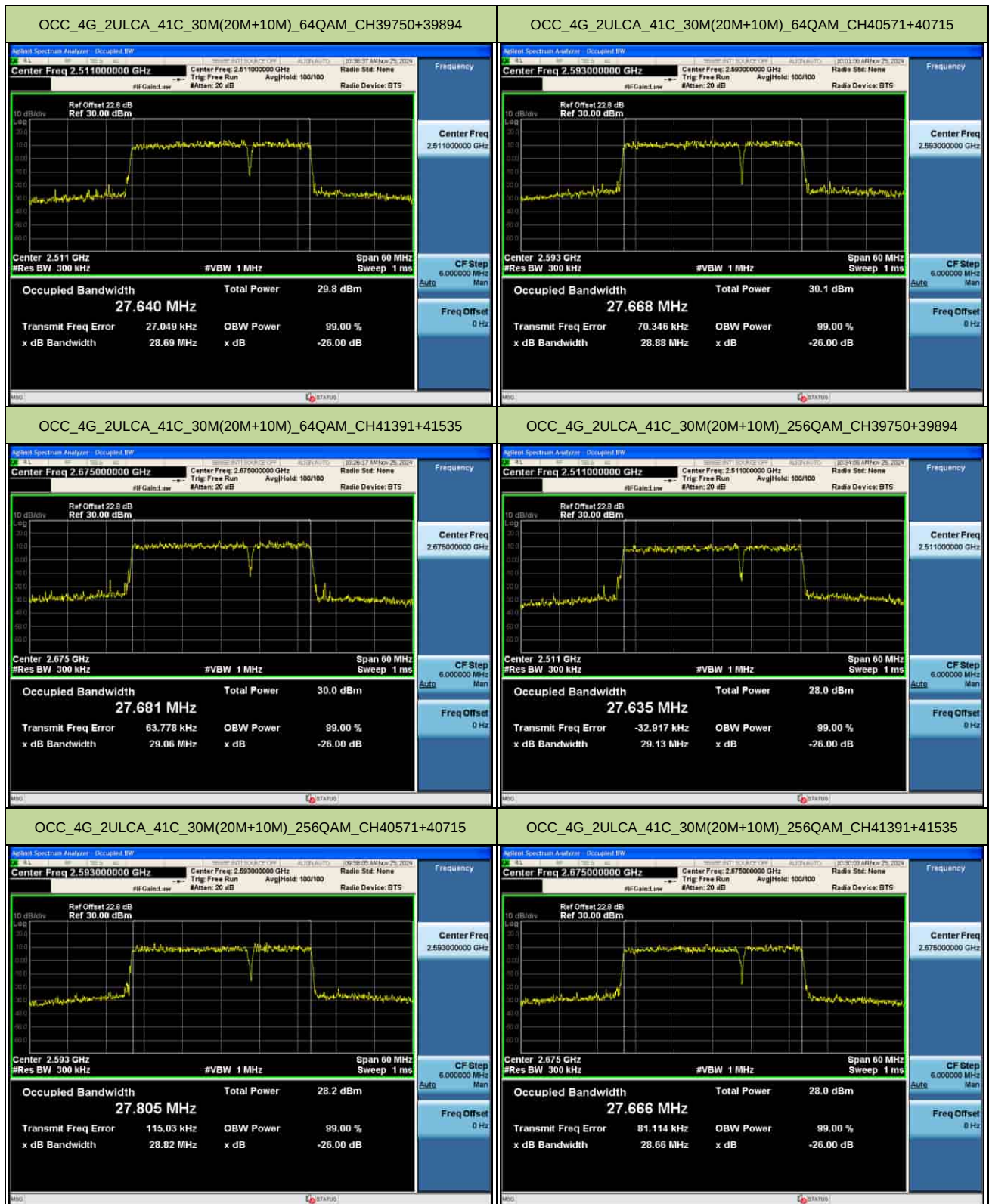


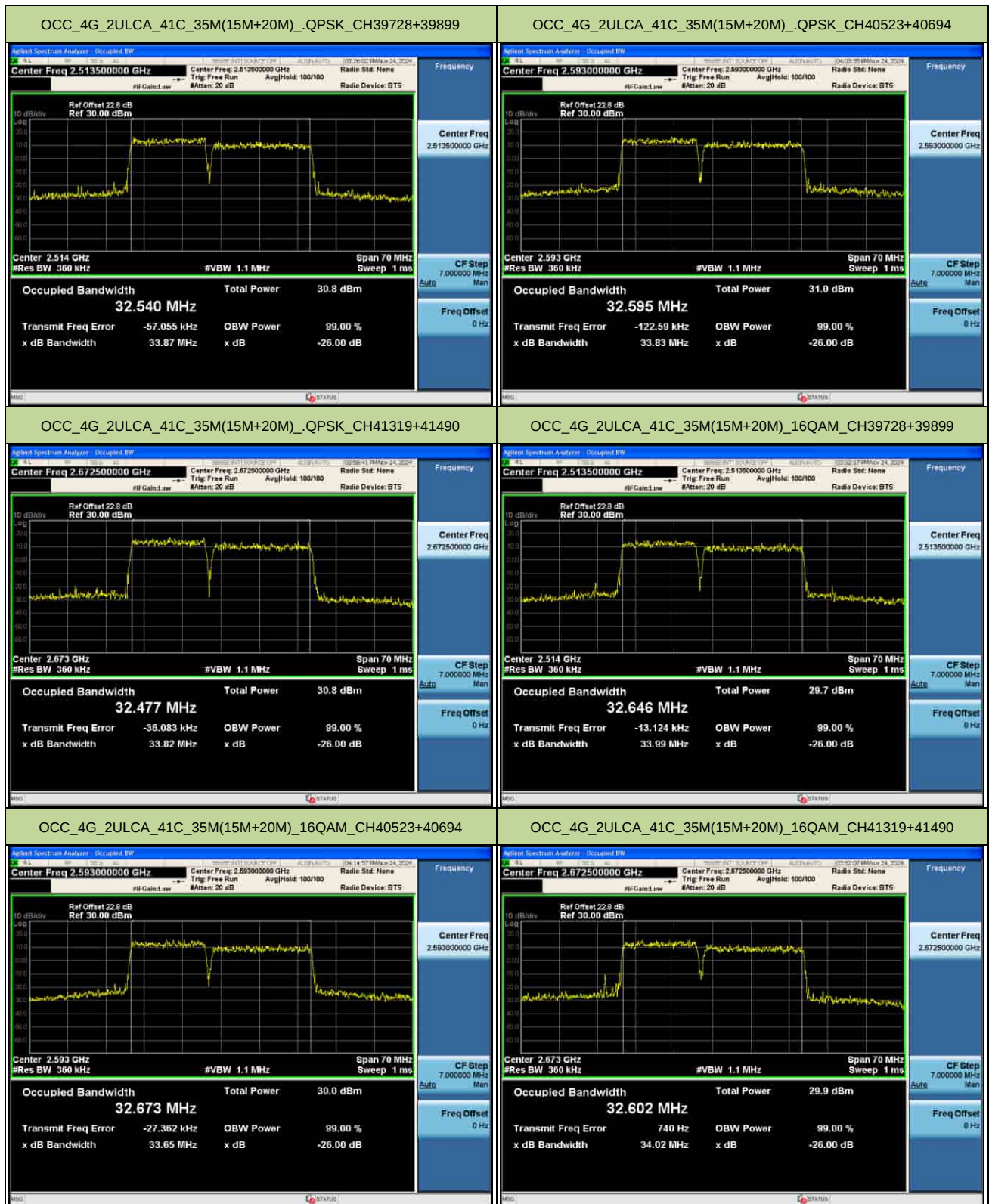


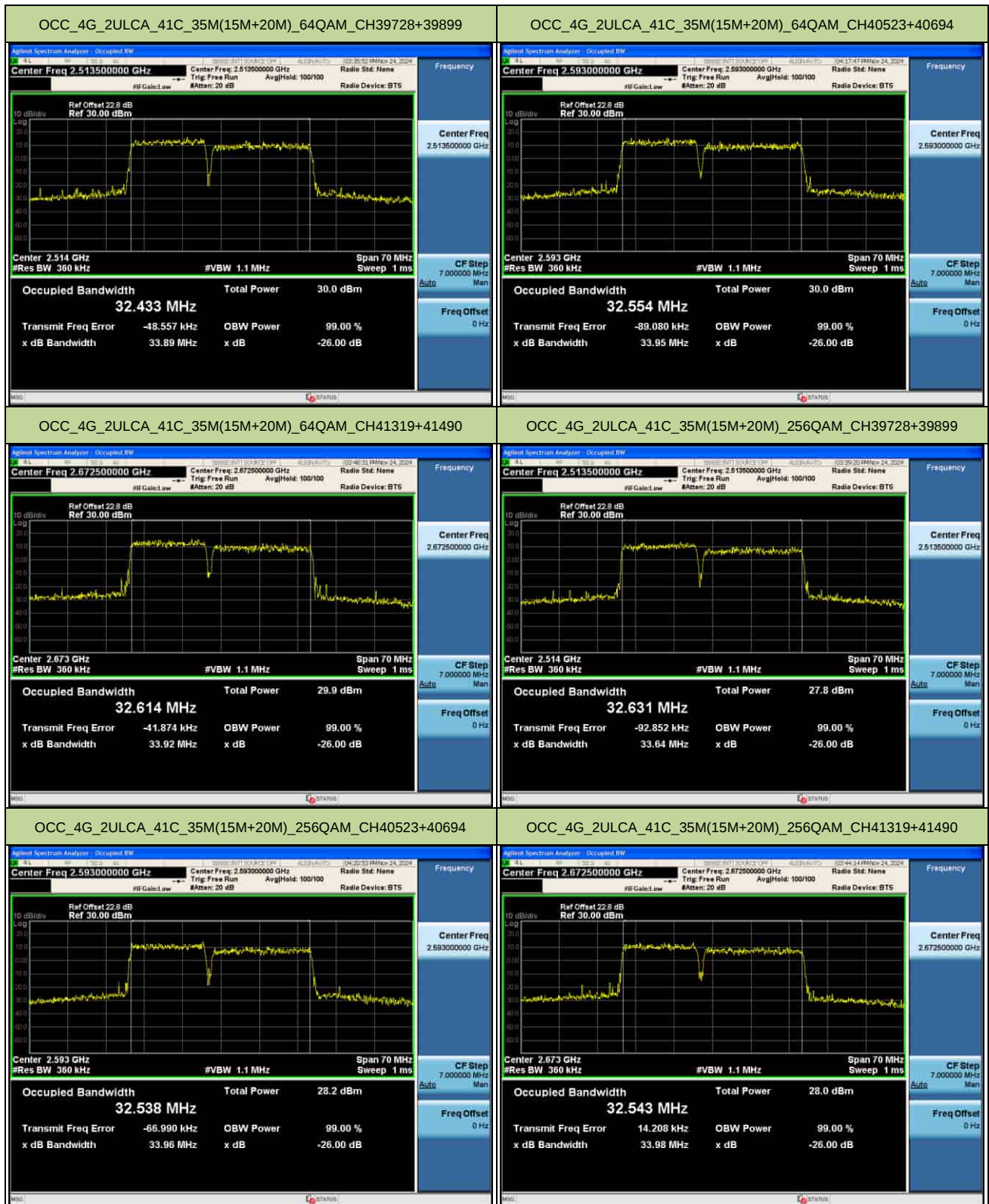


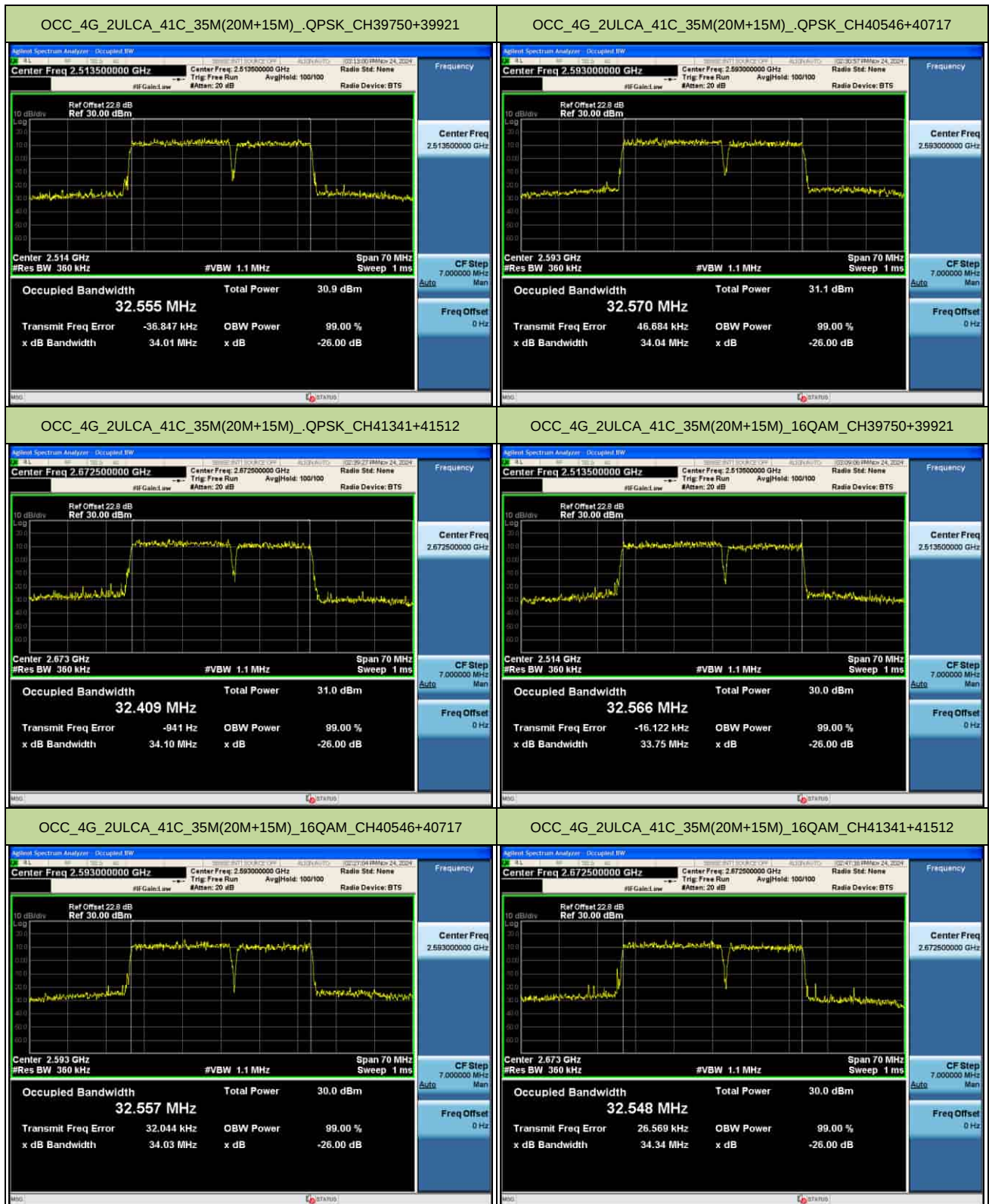


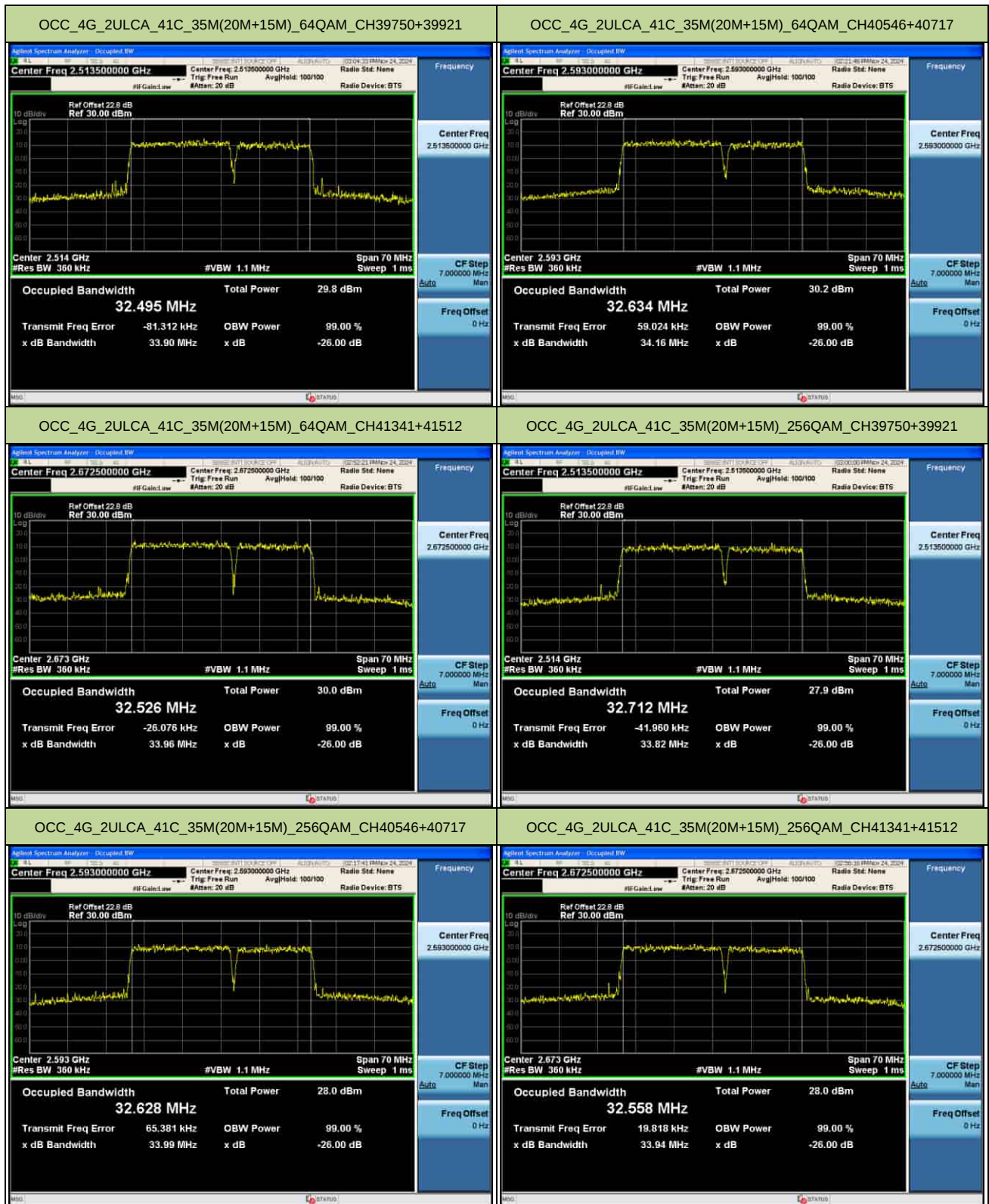


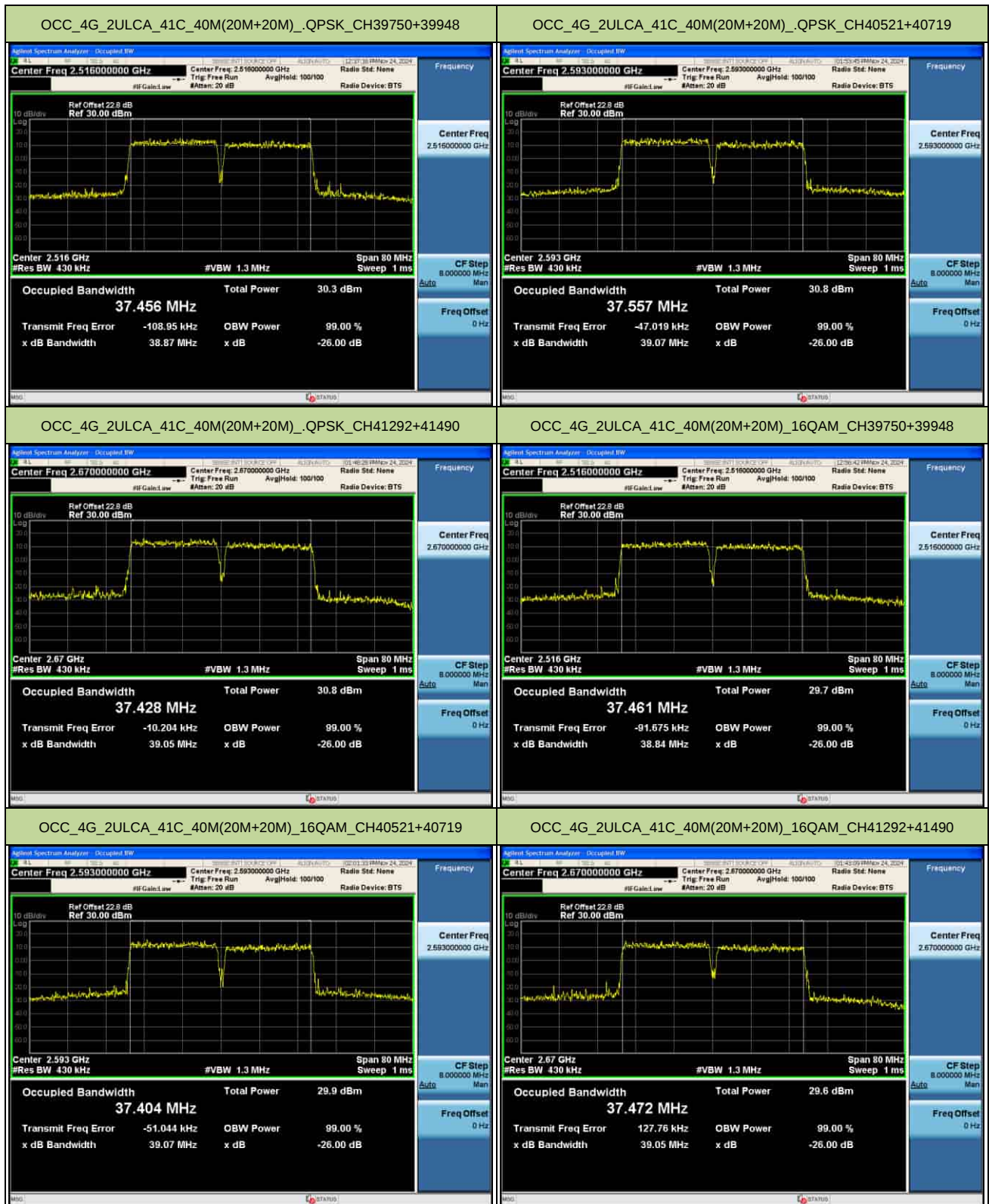


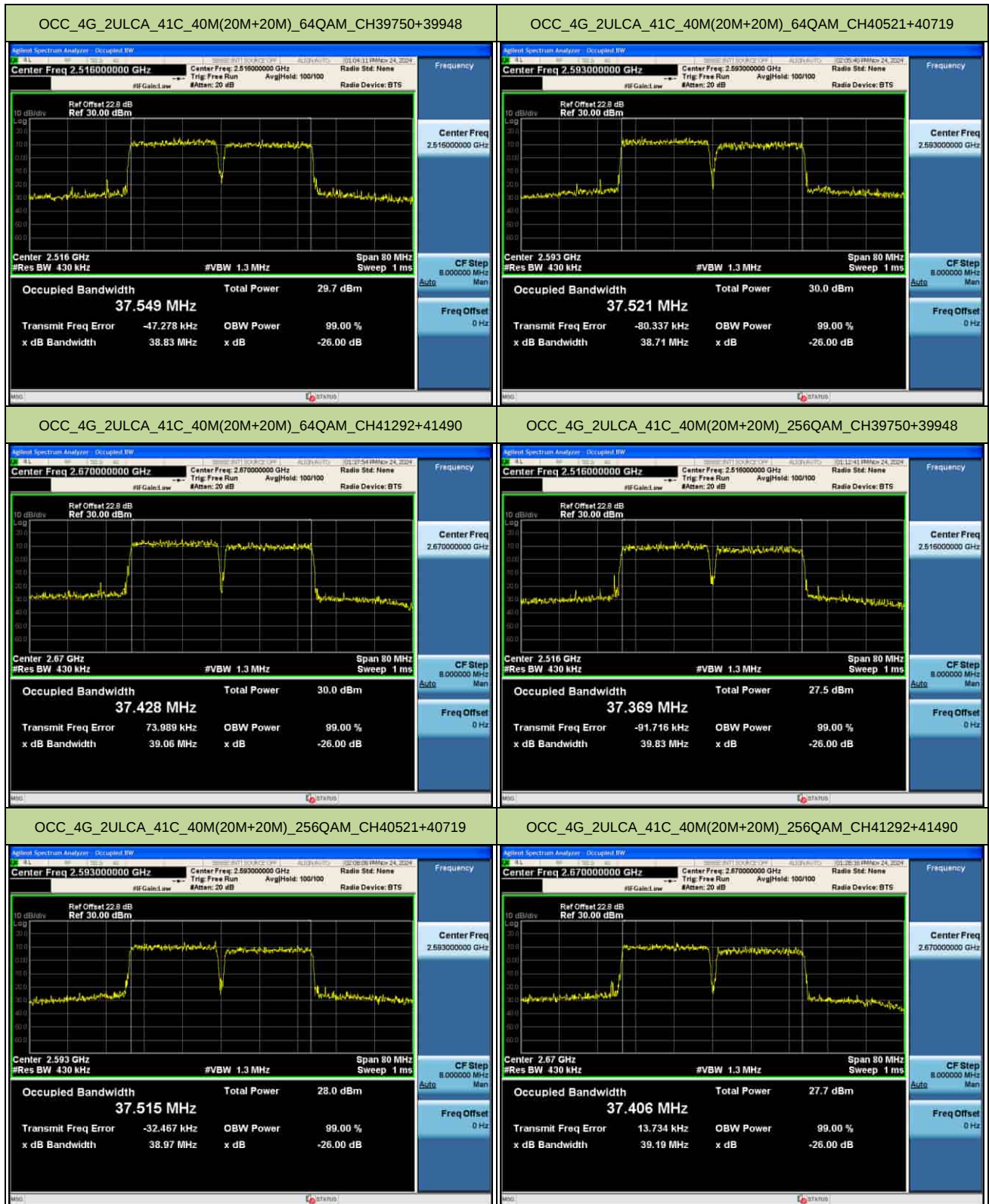






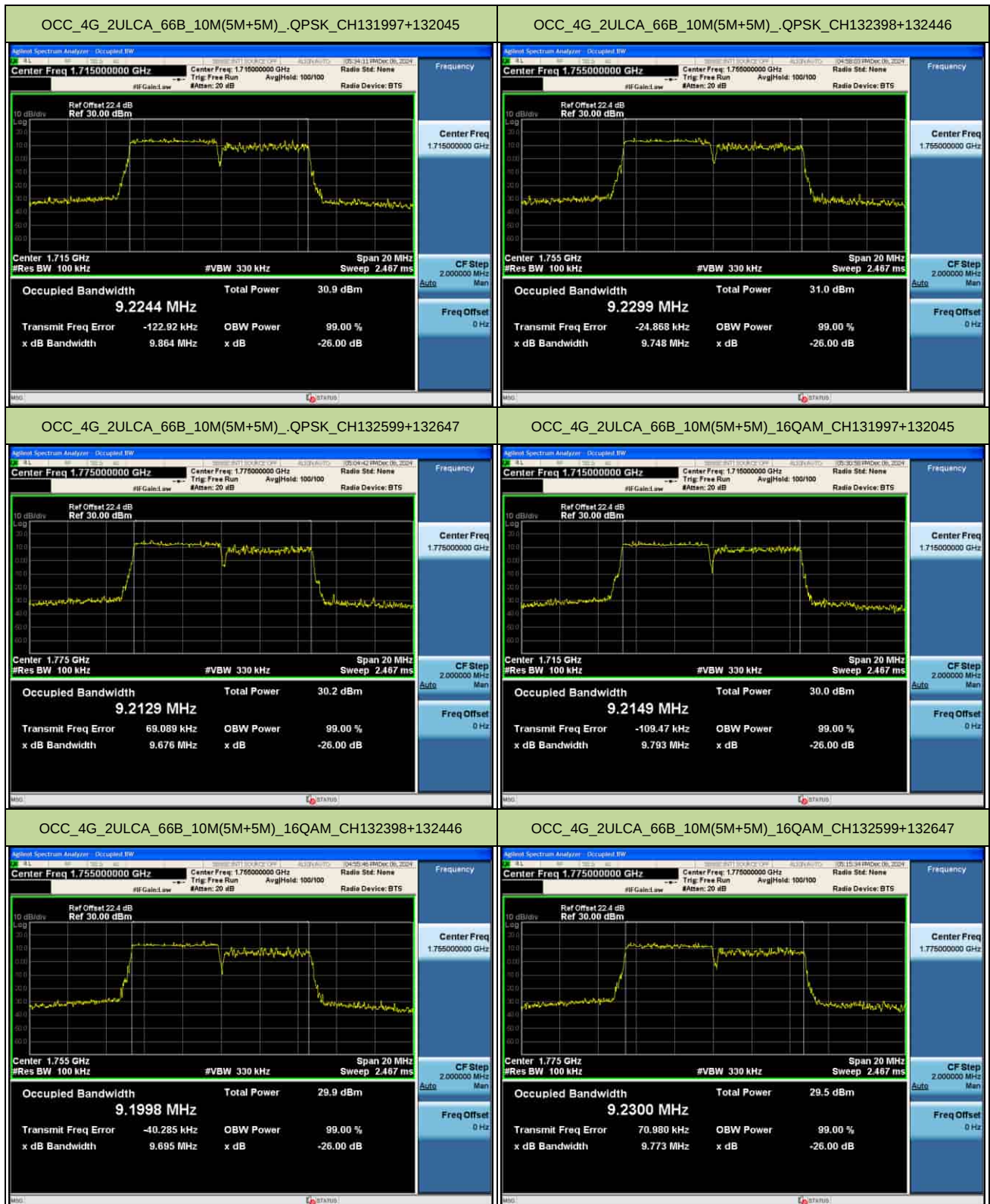


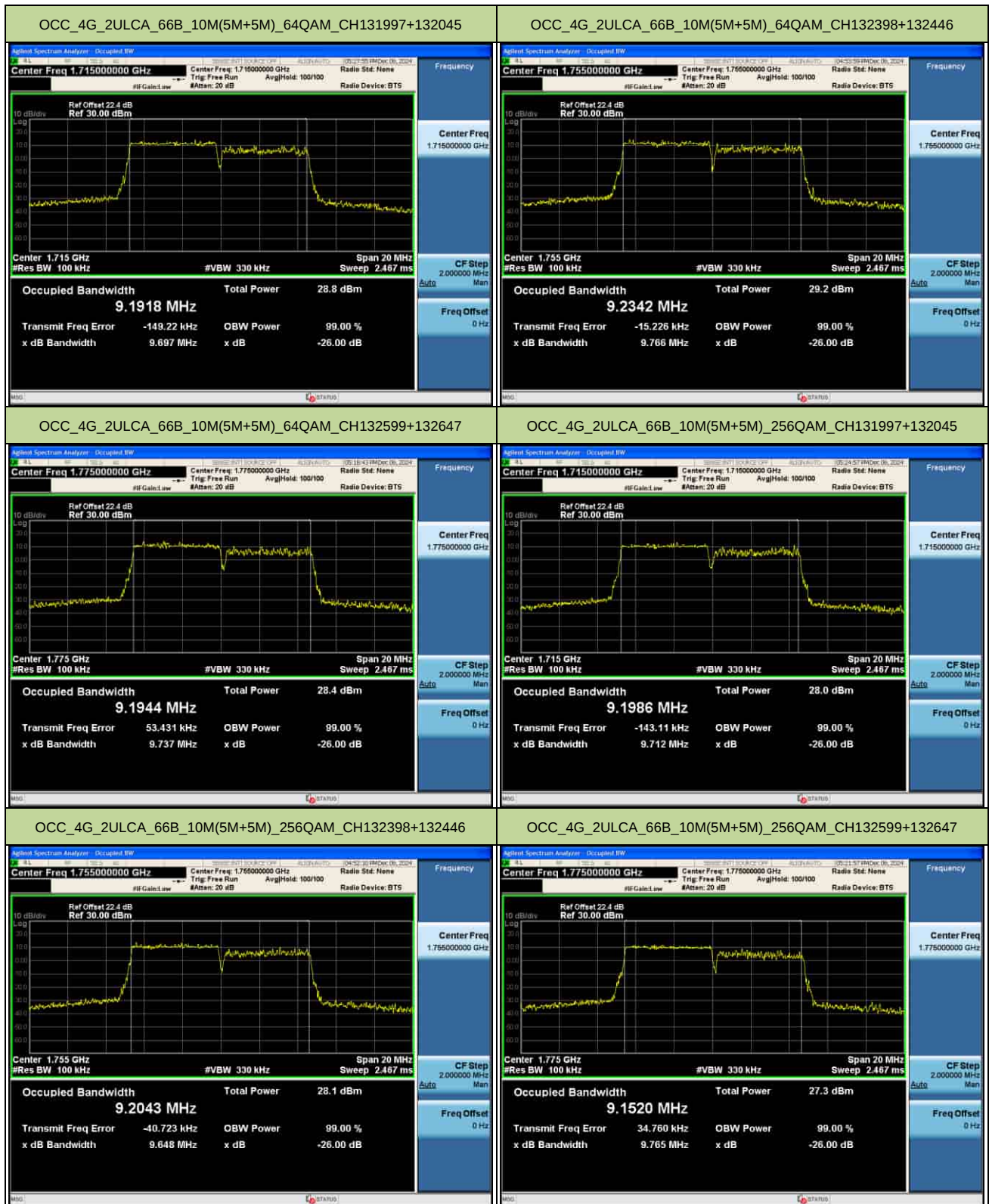


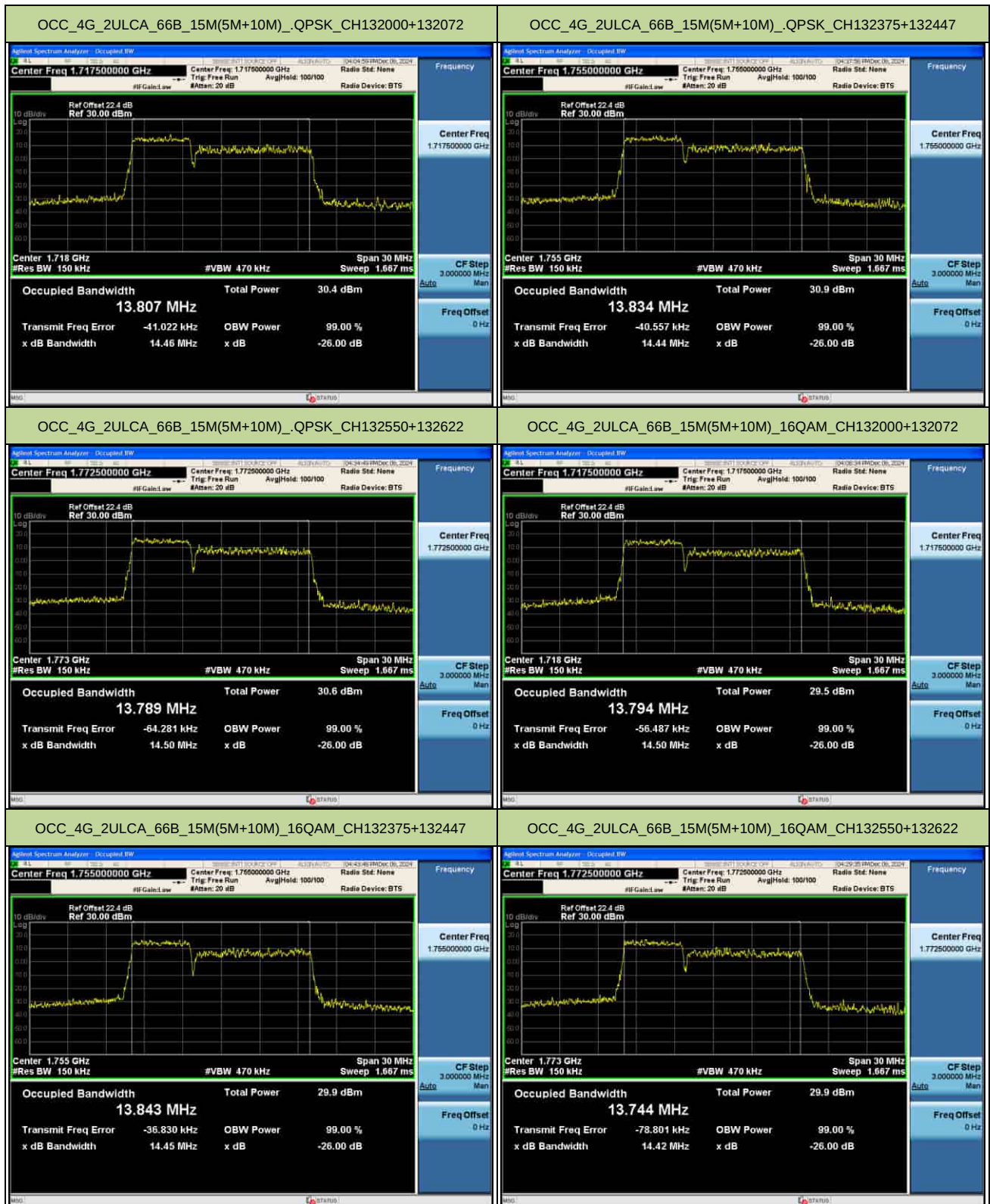


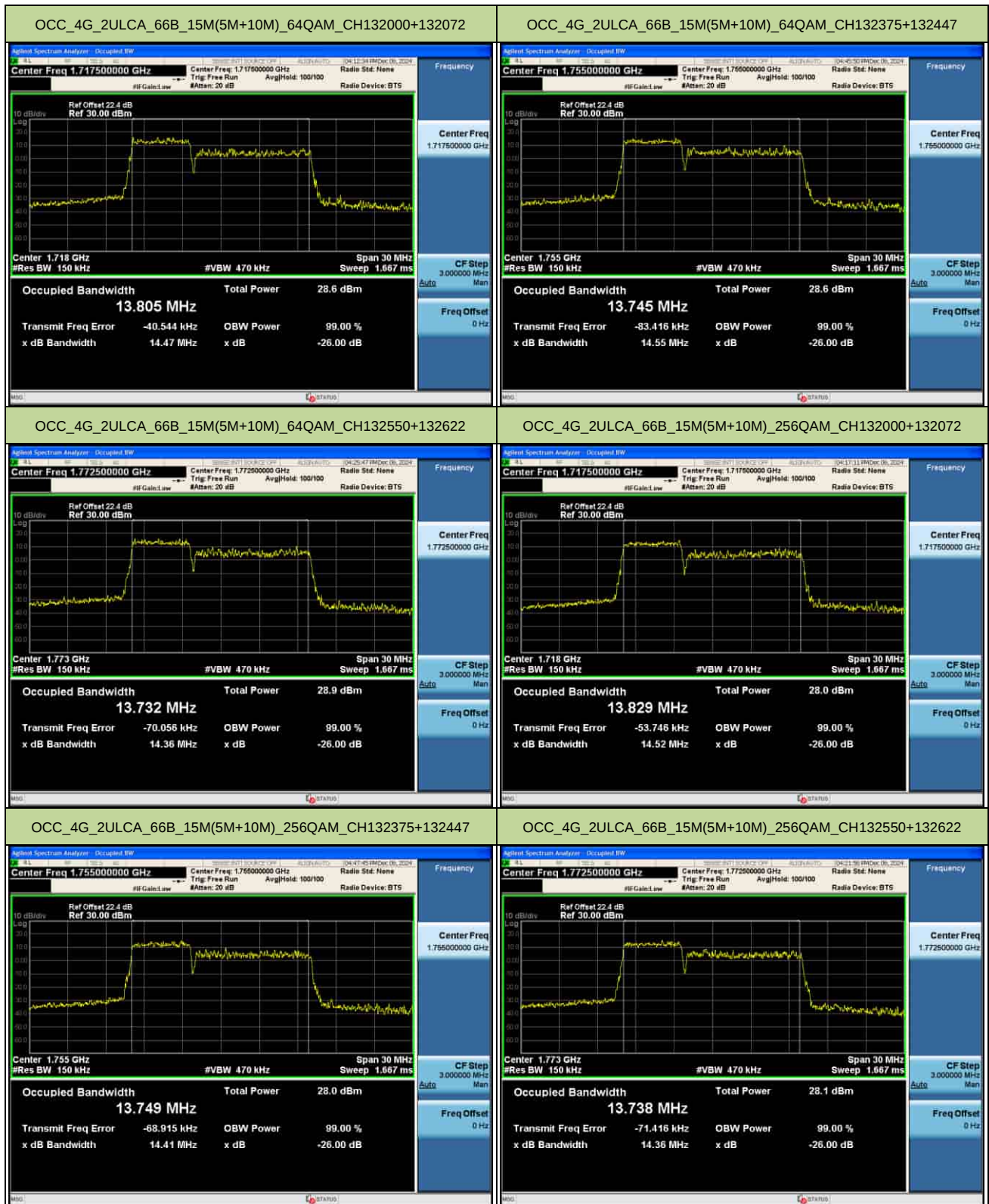
A1.5 LTE 2UL 66B

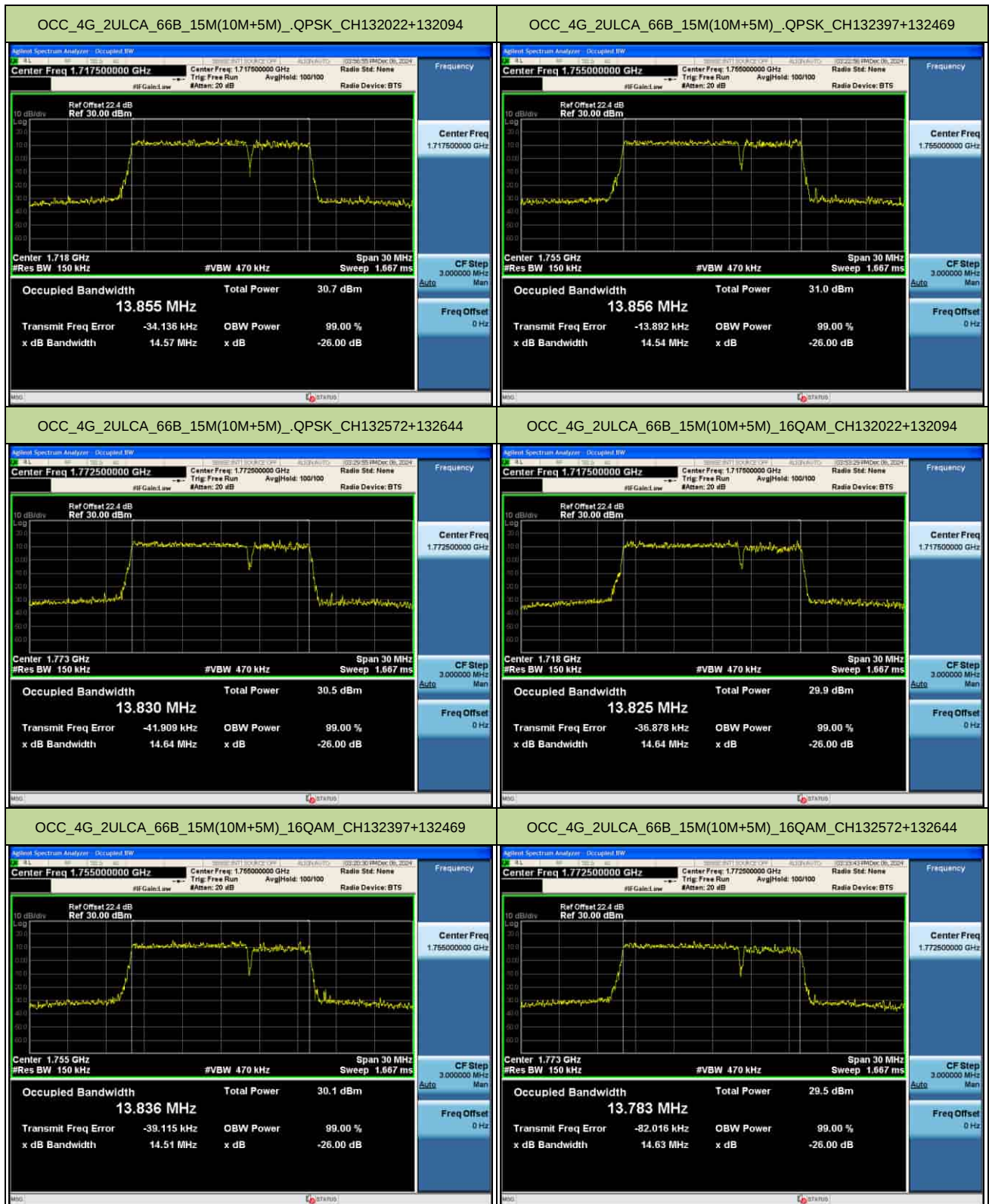
LTE 2UL_CA_66B												
BW	Frequency (MHz)		Channel		99% Occupied Bandwidth (MHz)				26 dB bandwidth (MHz)			
	PCC	SCC	PCC	SCC	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz (5+5)	1712.5	1717.3	131997	132045	9.2244	9.2149	9.1918	9.1986	9.864	9.793	9.697	9.712
	1752.6	1757.4	132398	132446	9.2299	9.1998	9.2342	9.2043	9.748	9.695	9.766	9.648
	1772.7	1777.5	132599	132647	9.2129	9.2300	9.1944	9.1520	9.676	9.773	9.737	9.765
15MHz (5+10)	1712.8	1720	132000	132072	13.807	13.794	13.805	13.829	14.46	14.50	14.47	14.52
	1750.3	1757.5	132375	132447	13.834	13.843	13.745	13.749	14.44	14.45	14.55	14.41
	1767.8	1775	132550	132622	13.789	13.744	13.732	13.738	14.50	14.42	14.36	14.36
15MHz (10+5)	1715	1722.2	132022	132094	13.855	13.825	13.838	13.784	14.57	14.64	14.64	14.39
	1752.5	1759.7	132397	132469	13.856	13.836	13.855	13.816	14.54	14.51	14.63	14.62
	1770	1777.2	132572	132644	13.830	13.783	13.858	13.856	14.64	14.63	14.62	14.52
20MHz (5+15)	1713	1722.3	132002	132095	18.068	18.137	18.017	18.217	18.80	18.89	18.79	18.96
	1748.1	1757.4	132353	132446	18.059	18.070	18.123	18.130	18.87	18.89	18.89	18.98
	1763.2	1772.5	132504	132597	18.074	18.131	17.996	17.936	18.81	18.83	18.78	18.76
20MHz (10+10)	1715	1724.9	132022	132121	18.702	18.822	18.704	18.705	19.64	19.62	19.84	19.43
	1750.1	1760	132373	132472	18.734	18.754	18.706	18.693	19.67	19.59	19.58	19.63
	1765.1	1775	132523	132622	18.675	18.717	18.795	18.704	19.68	19.57	19.48	19.60
20MHz (15+5)	1717.5	1726.8	132047	132140	18.179	18.135	18.241	18.155	19.09	19.02	19.06	19.16
	1752.6	1761.9	132398	132491	18.172	18.165	18.165	18.152	19.18	19.24	19.20	19.06
	1767.7	1777	132549	132642	18.187	18.164	18.130	18.179	19.24	19.27	19.05	19.17

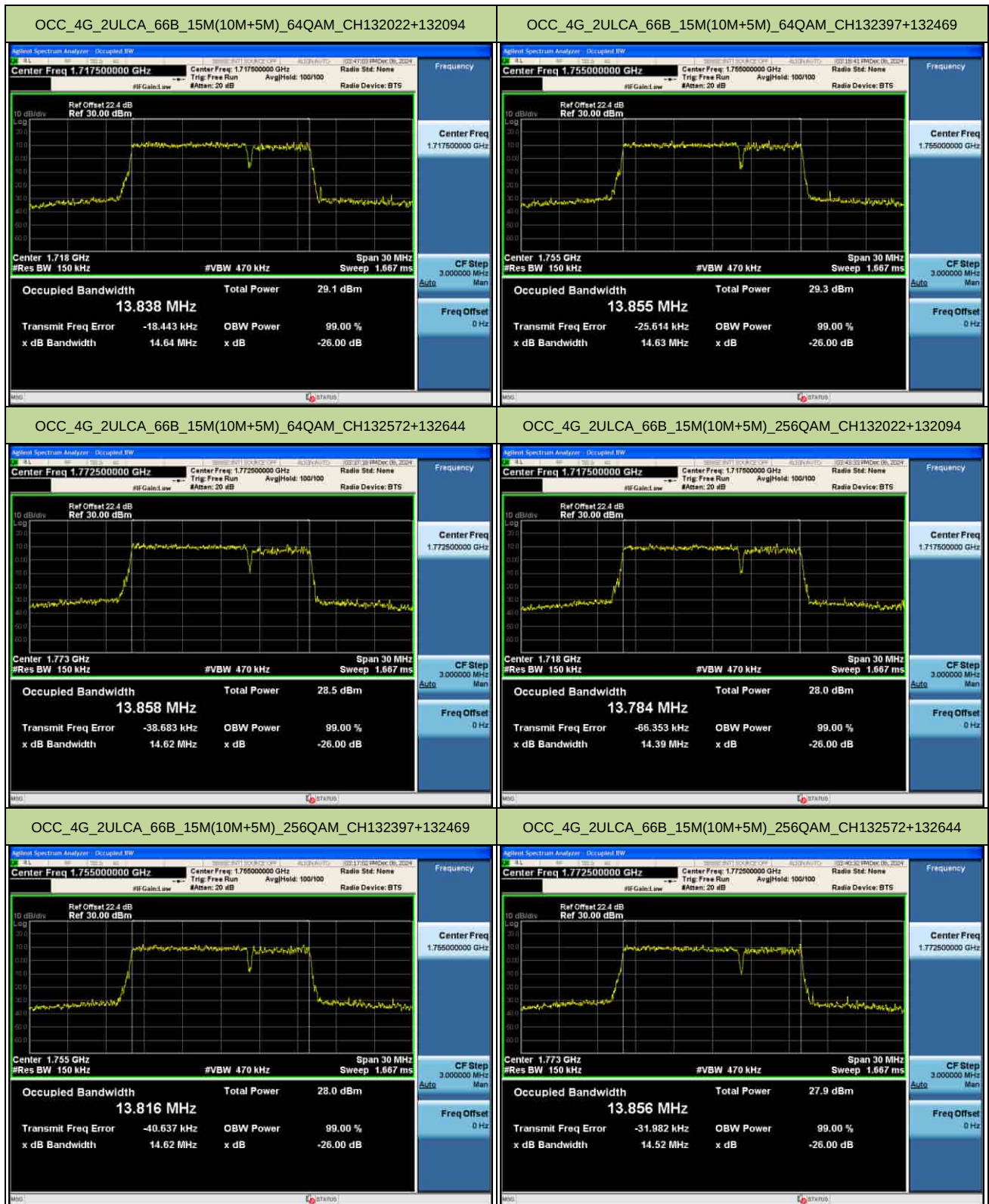


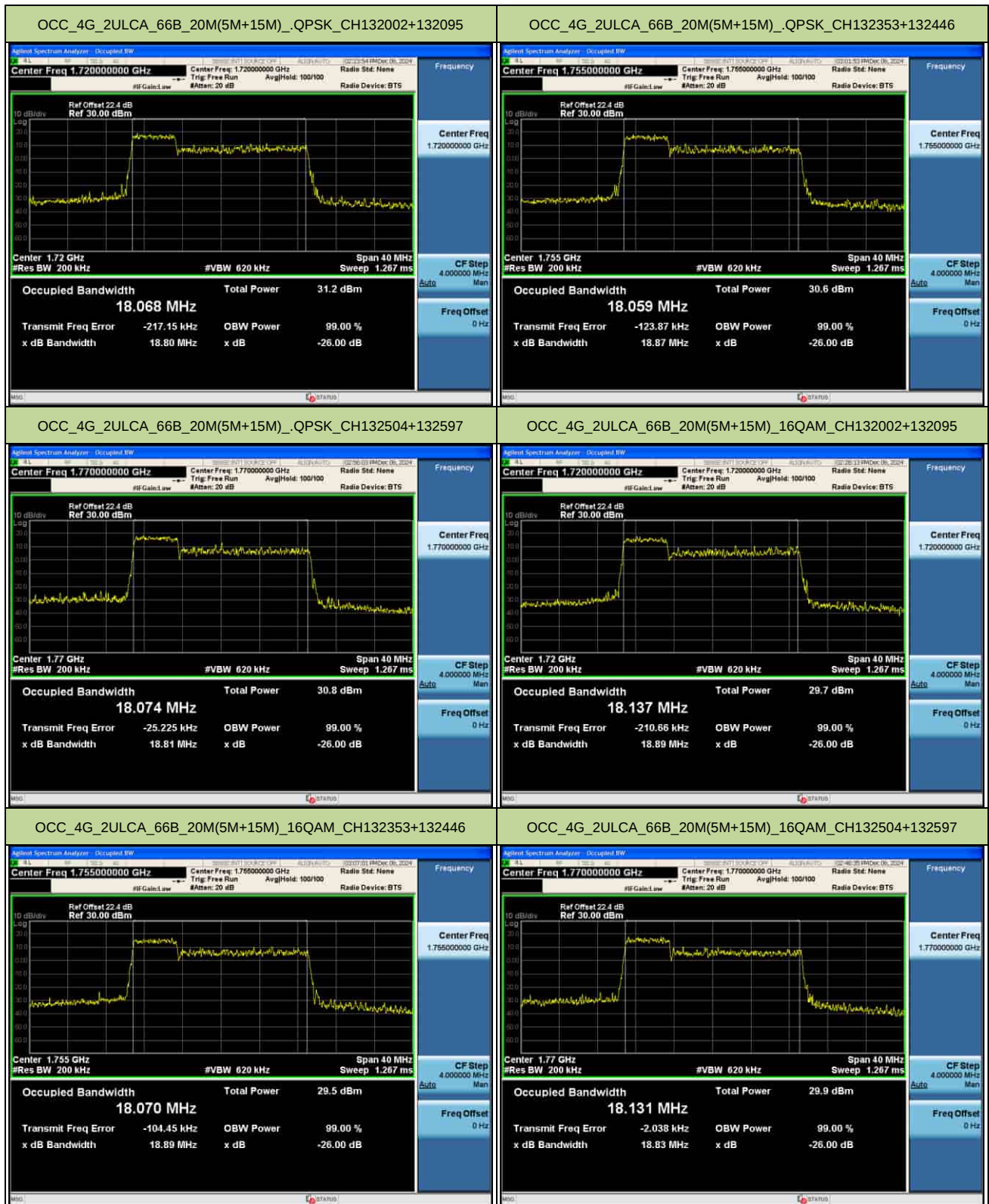


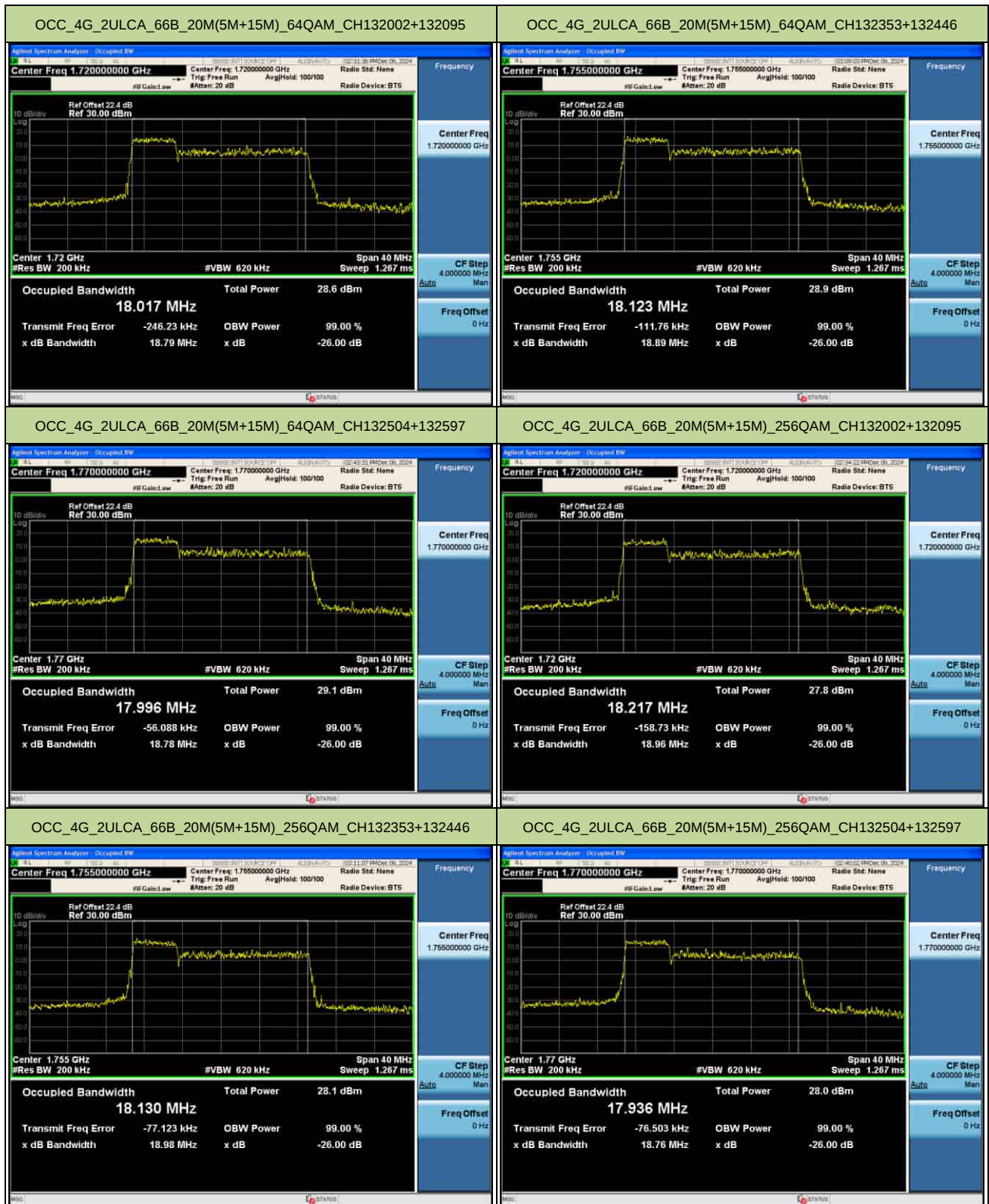


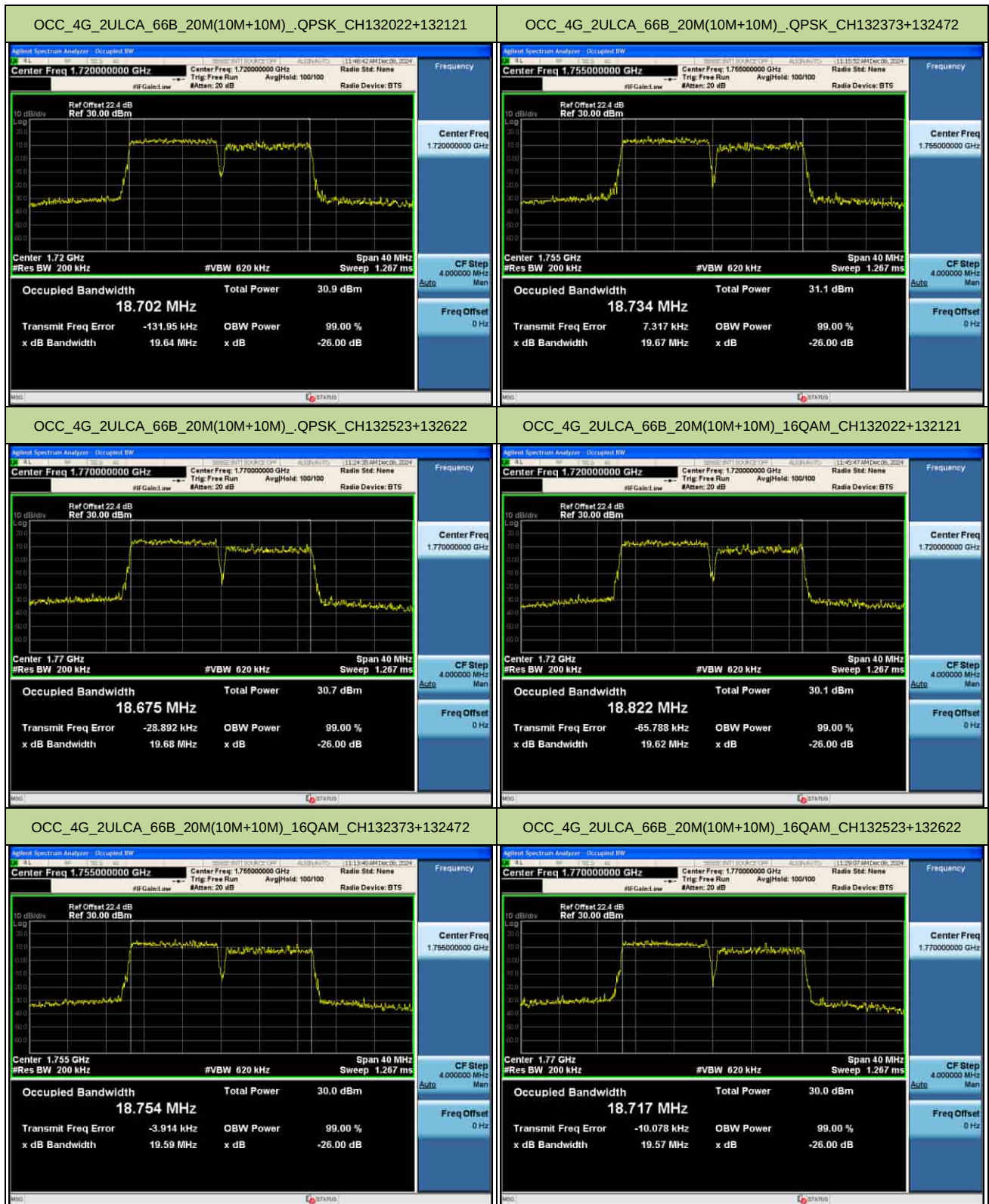


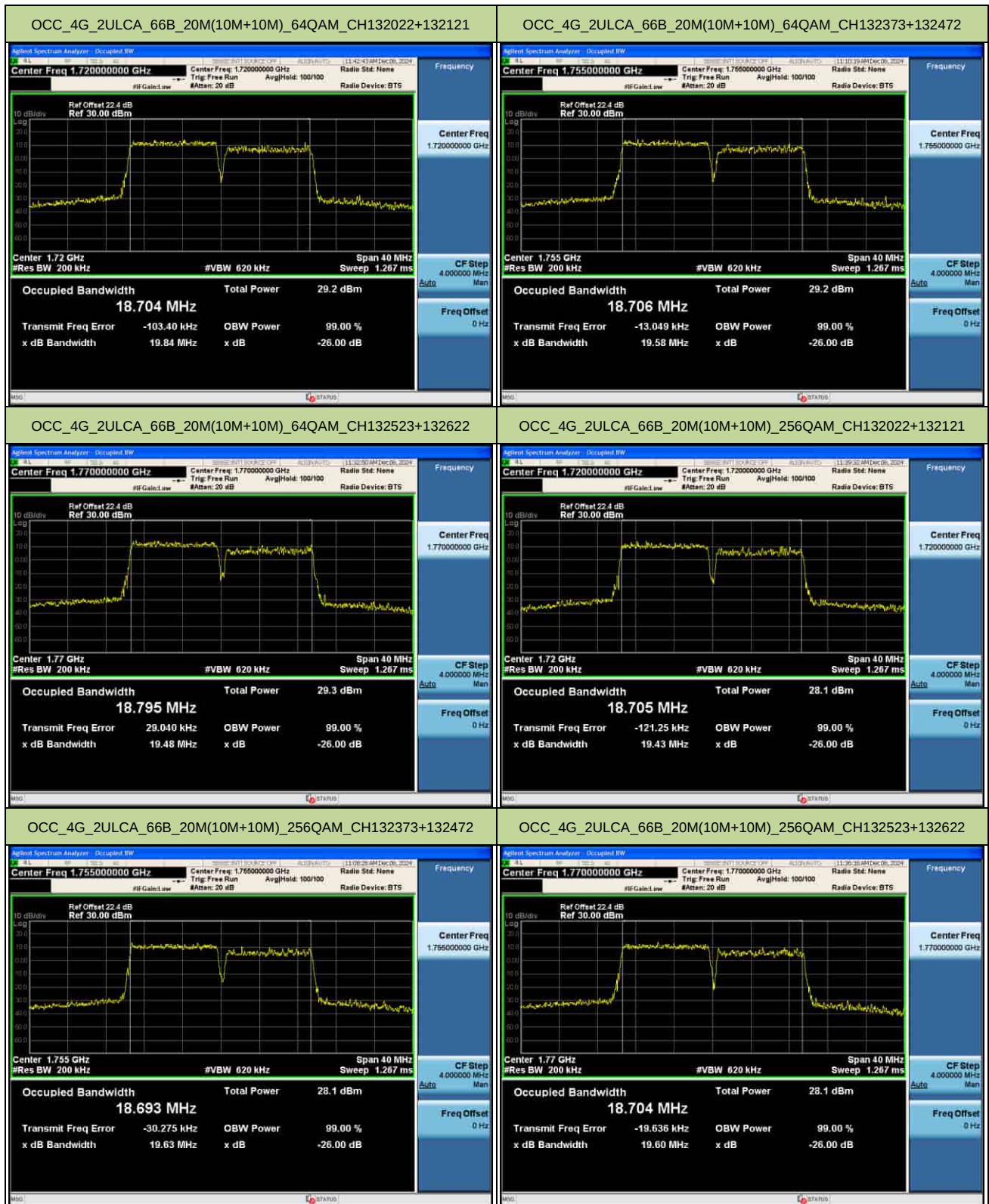


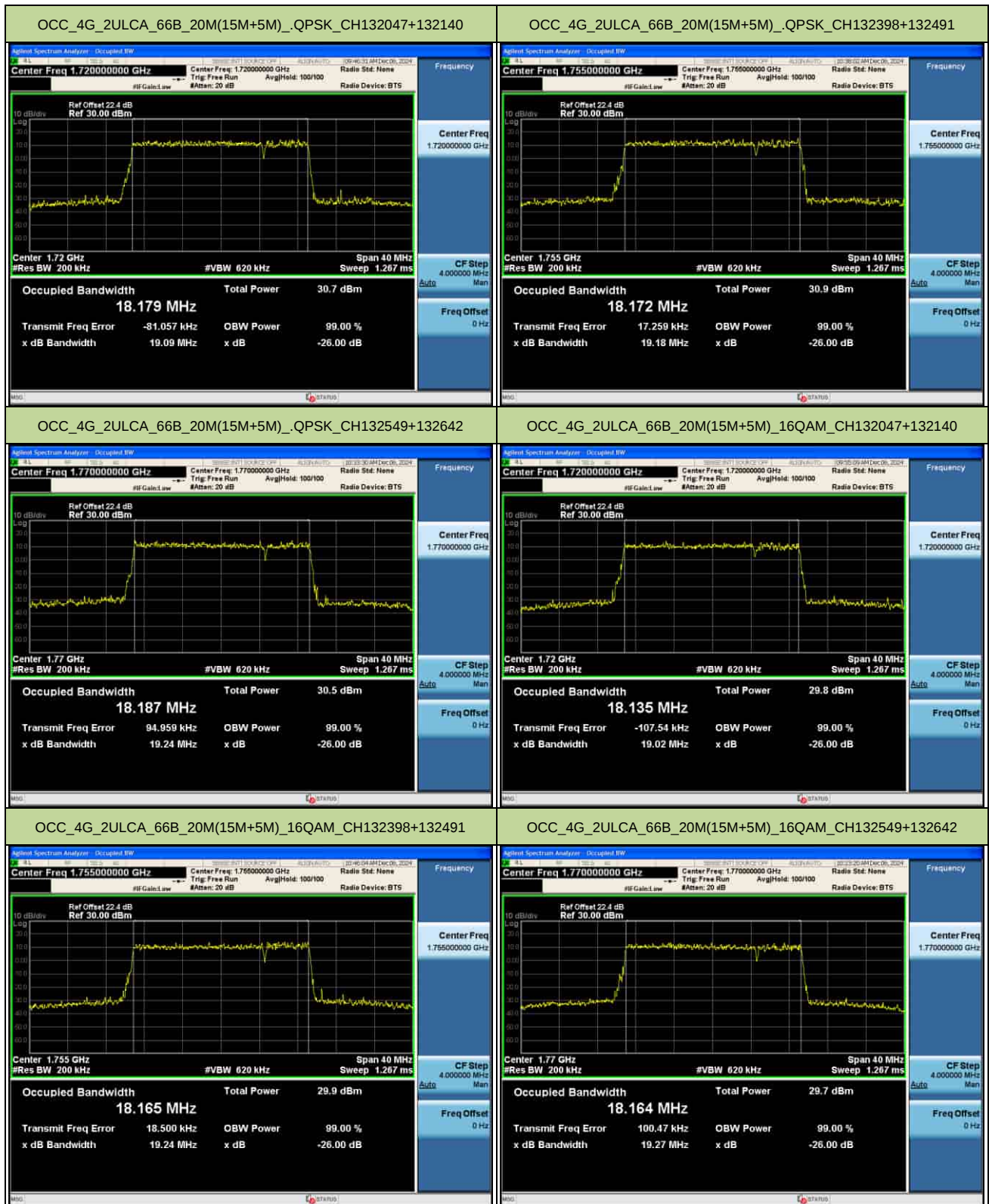


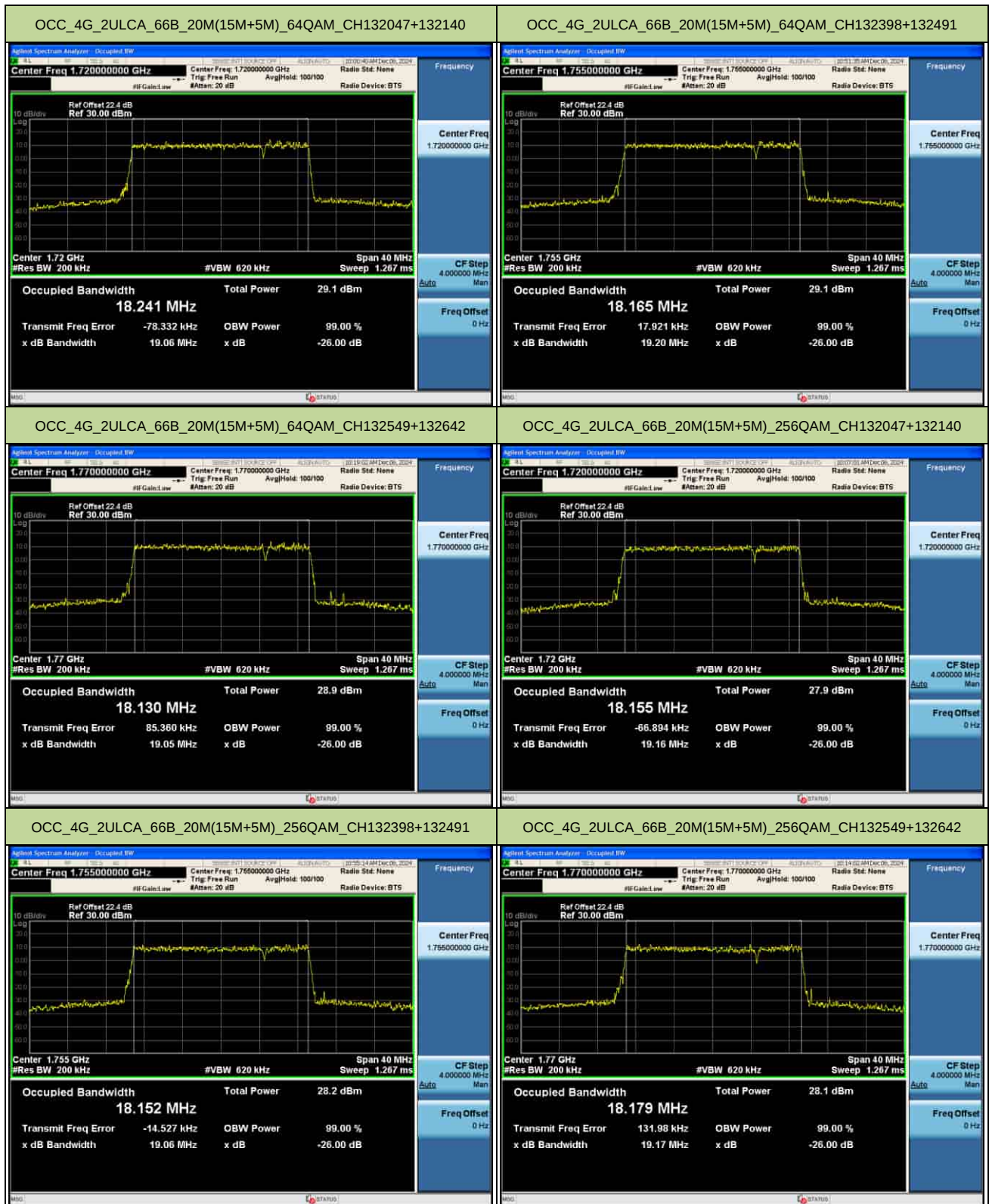












A1.6 LTE 2UL 66C

LTE 2UL_CA_66C												
BW	Frequency (MHz)		Channel		99% Occupied Bandwidth (MHz)				26 dB bandwidth (MHz)			
	PCC	SCC	PCC	SCC	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
25MHz (5+20)	1713.3	1725	132005	132122	22.638	22.783	22.590	22.659	23.64	23.59	23.63	23.57
	1745.8	1757.5	132330	132447	22.761	22.656	22.542	22.712	23.72	23.62	23.60	23.54
	1758.3	1770	132455	132572	22.586	22.573	22.502	22.538	23.58	23.53	23.58	23.60
25MHz (10+15)	1715.3	1727.3	132025	132145	22.949	23.065	23.098	23.011	24.13	23.86	24.35	23.97
	1747.9	1759.9	132351	132471	22.956	22.911	22.872	22.895	24.03	23.83	24.05	23.98
	1760.5	1772.5	132477	132597	22.917	22.971	22.996	22.931	23.96	24.12	24.12	23.93
25MHz (15+10)	1717.5	1729.5	132047	132167	22.987	23.068	23.058	23.049	24.08	24.17	24.07	24.19
	1750.1	1762.1	132373	132493	23.012	23.004	23.032	23.065	24.02	24.01	24.06	24.24
	1762.7	1774.7	132499	132619	23.088	22.955	22.935	23.005	24.16	24.20	24.23	24.02
25MHz (20+5)	1720	1731.7	132072	132189	22.801	22.759	22.743	22.763	23.64	23.76	23.76	23.92
	1752.5	1764.2	132397	132514	22.768	22.899	22.814	22.846	23.59	24.03	23.66	23.89
	1765	1776.7	132522	132639	22.882	22.793	22.774	22.805	24.05	23.71	23.65	23.77
30MHz (10+20)	1715.5	1729.9	132027	132171	27.577	27.601	27.503	27.553	28.83	28.72	28.75	28.59
	1745.6	1760	132328	132472	27.523	27.596	27.485	27.571	28.69	28.65	28.75	28.57
	1755.6	1770	132428	132572	27.484	27.448	27.483	27.414	28.66	28.52	28.70	28.71
30MHz (15+15)	1717.5	1732.5	132047	132197	28.164	28.055	28.122	28.198	29.37	29.32	29.37	29.44
	1747.5	1762.5	132347	132497	28.274	28.293	28.143	28.132	29.70	29.44	29.46	29.45
	1757.5	1772.5	132447	132597	28.156	28.101	28.131	28.138	29.14	29.42	29.44	29.51
30MHz (20+10)	1720	1734.4	132072	132216	27.513	27.665	27.727	27.618	28.83	28.88	28.72	28.84
	1750.1	1764.5	132373	132517	27.754	27.542	27.562	27.610	28.77	28.84	29.09	28.79
	1760.1	1774.5	132473	132617	27.644	27.677	27.647	27.567	28.76	28.89	28.98	28.86
35MHz (15+20)	1717.8	1734.9	132050	132221	32.568	32.458	32.462	32.517	33.88	33.89	33.73	34.27
	1745.3	1762.4	132325	132496	32.568	32.434	32.417	32.308	33.90	34.04	33.87	34.10
	1752.9	1770	132401	132572	32.360	32.468	32.394	32.489	33.85	33.89	33.88	33.92
35MHz (20+15)	1720	1737.1	132072	132243	32.508	32.516	32.506	32.639	34.05	33.93	33.91	34.14
	1747.6	1764.7	132348	132519	32.402	32.534	32.466	32.503	33.80	34.26	34.05	33.96
	1755.1	1772.2	132423	132594	32.537	32.439	32.656	32.501	33.99	34.01	33.85	34.11
40MHz (20+20)	1720	1739.8	132072	132270	37.265	37.510	37.397	37.340	39.06	39.13	39.05	38.91
	1745.1	1764.9	132323	132521	37.371	37.388	37.439	37.376	39.02	39.21	38.94	38.88
	1750.2	1770	132374	132572	37.338	37.447	37.302	37.278	39.03	38.88	38.83	39.02

