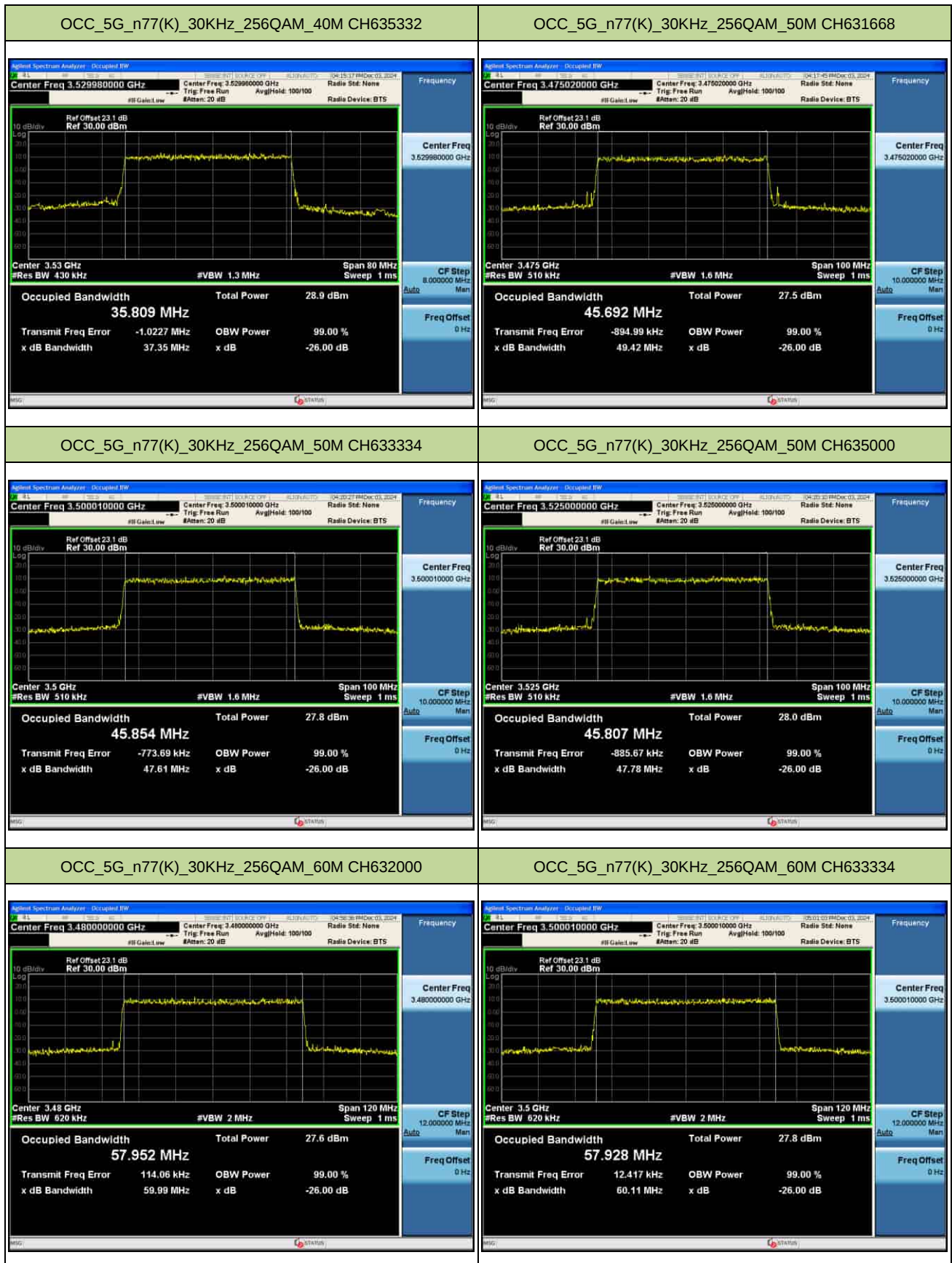
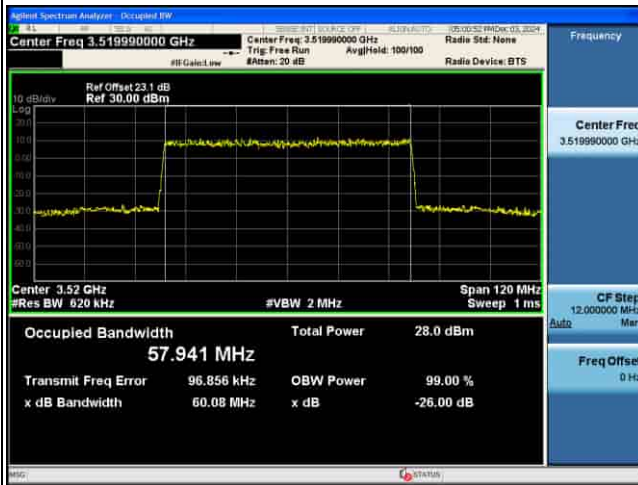






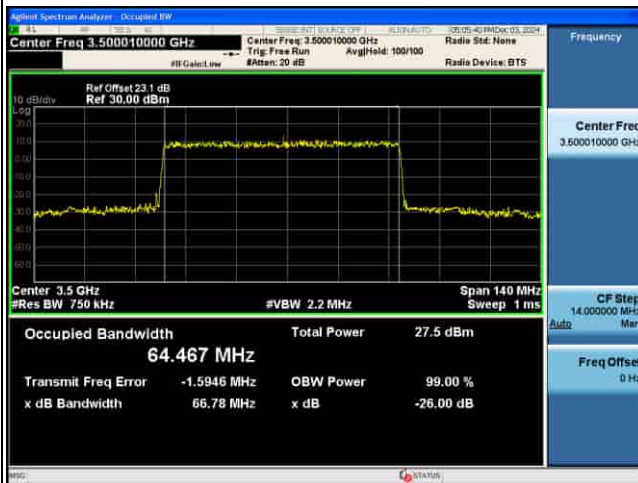
OCC_5G_n77(K)_30KHz_256QAM_60M CH634666



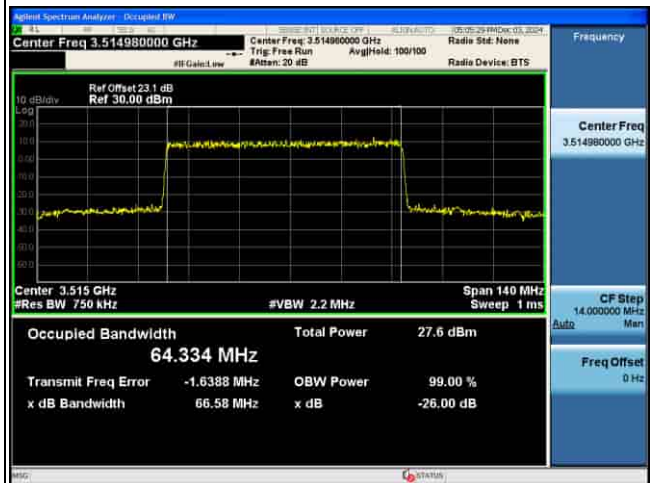
OCC_5G_n77(K)_30KHz_256QAM_70M CH632334



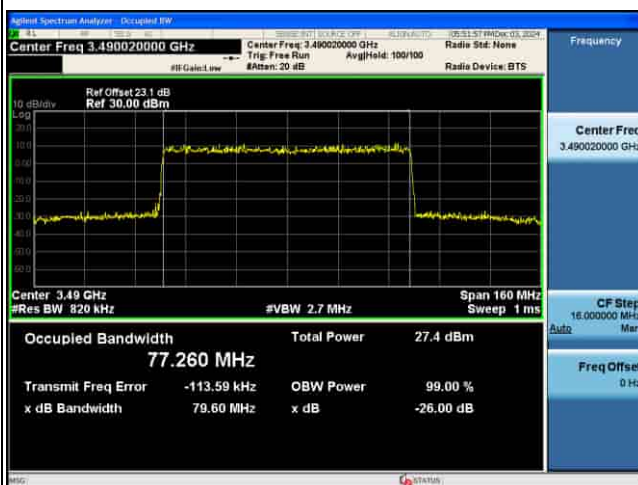
OCC_5G_n77(K)_30KHz_256QAM_70M CH633334



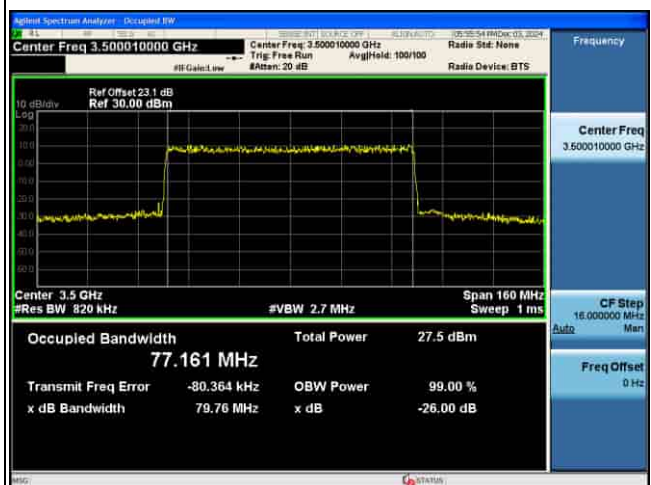
OCC_5G_n77(K)_30KHz_256QAM_70M CH634332

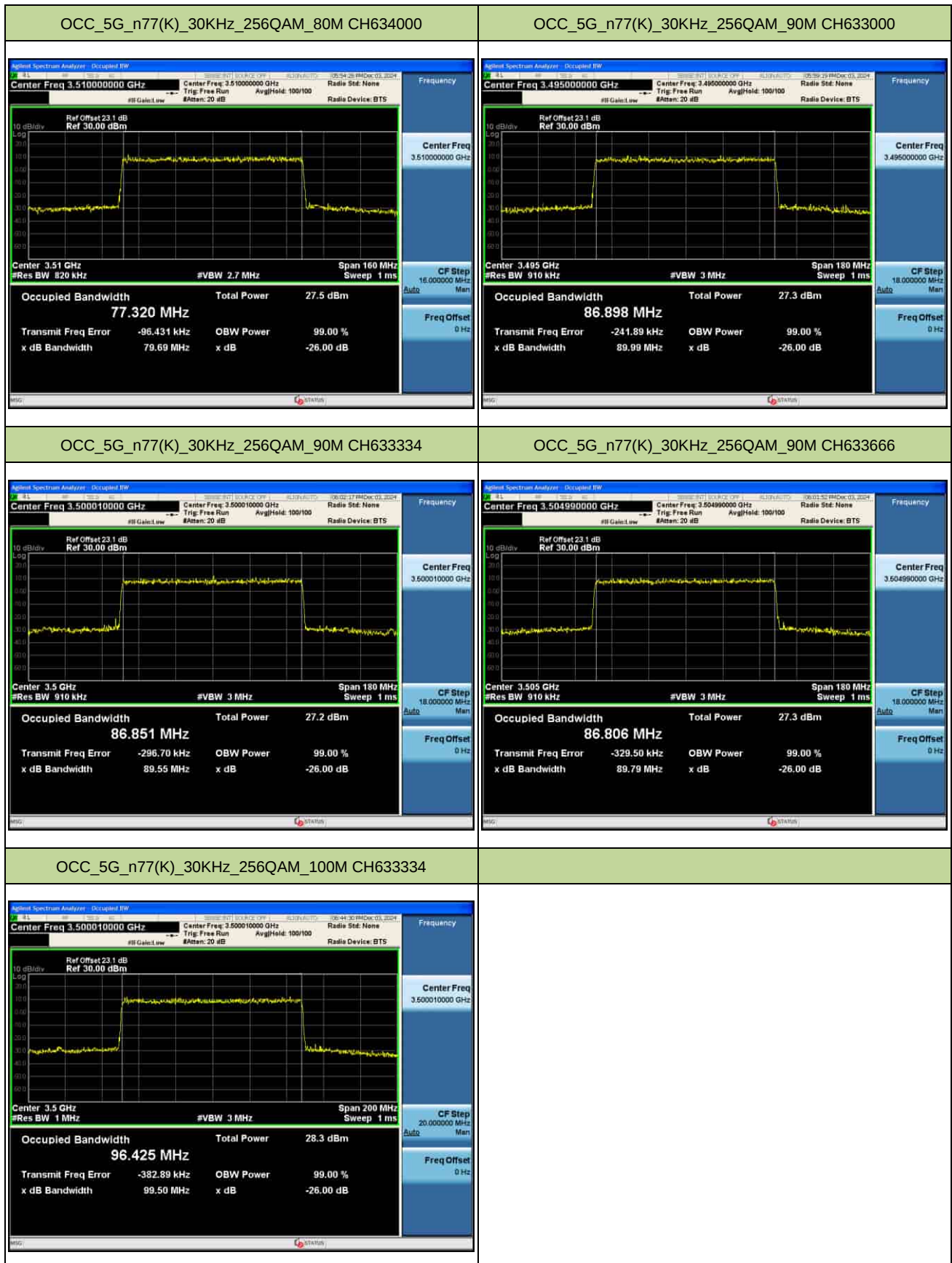


OCC_5G_n77(K)_30KHz_256QAM_80M CH632668



OCC_5G_n77(K)_30KHz_256QAM_80M CH633334

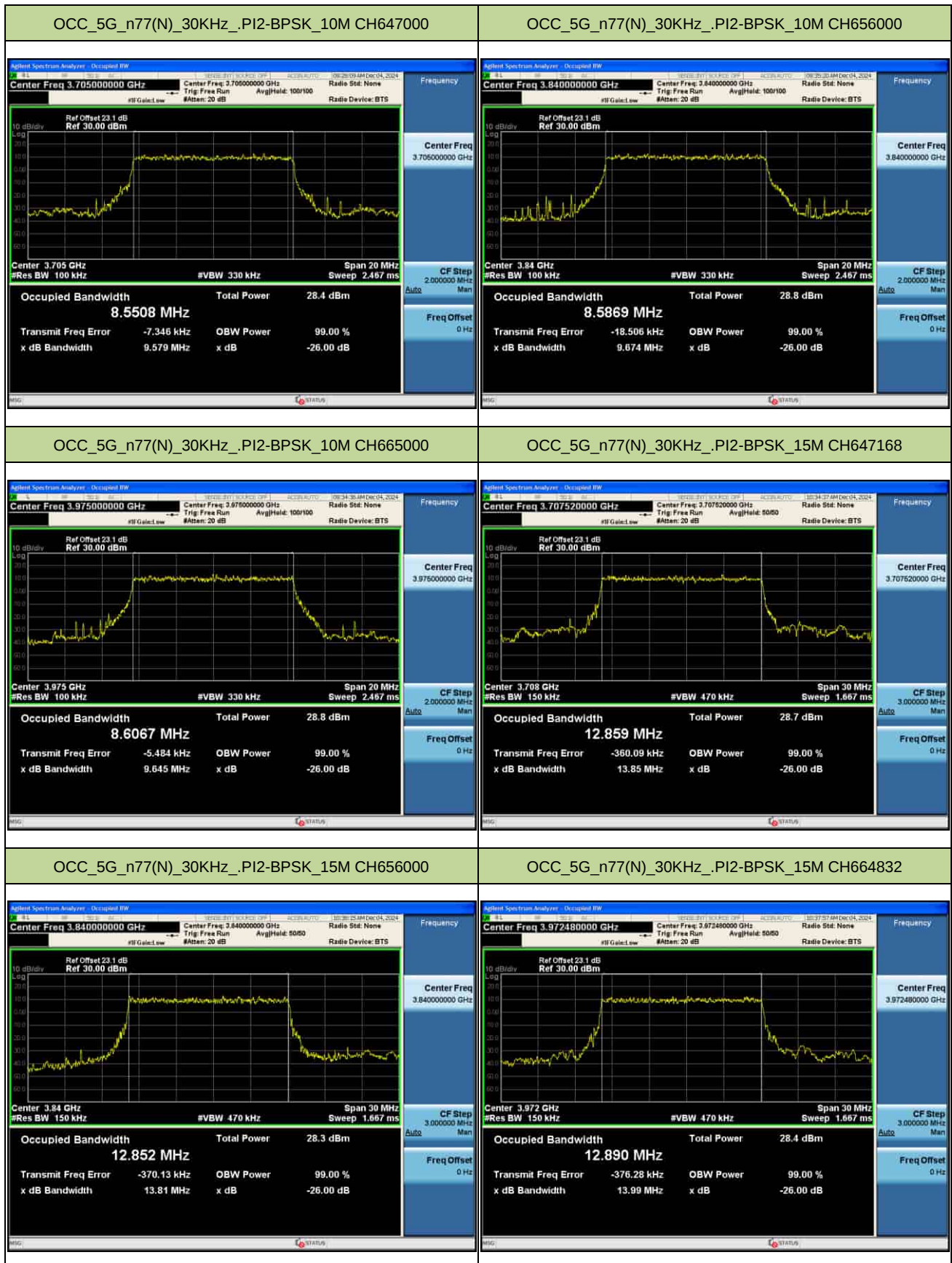


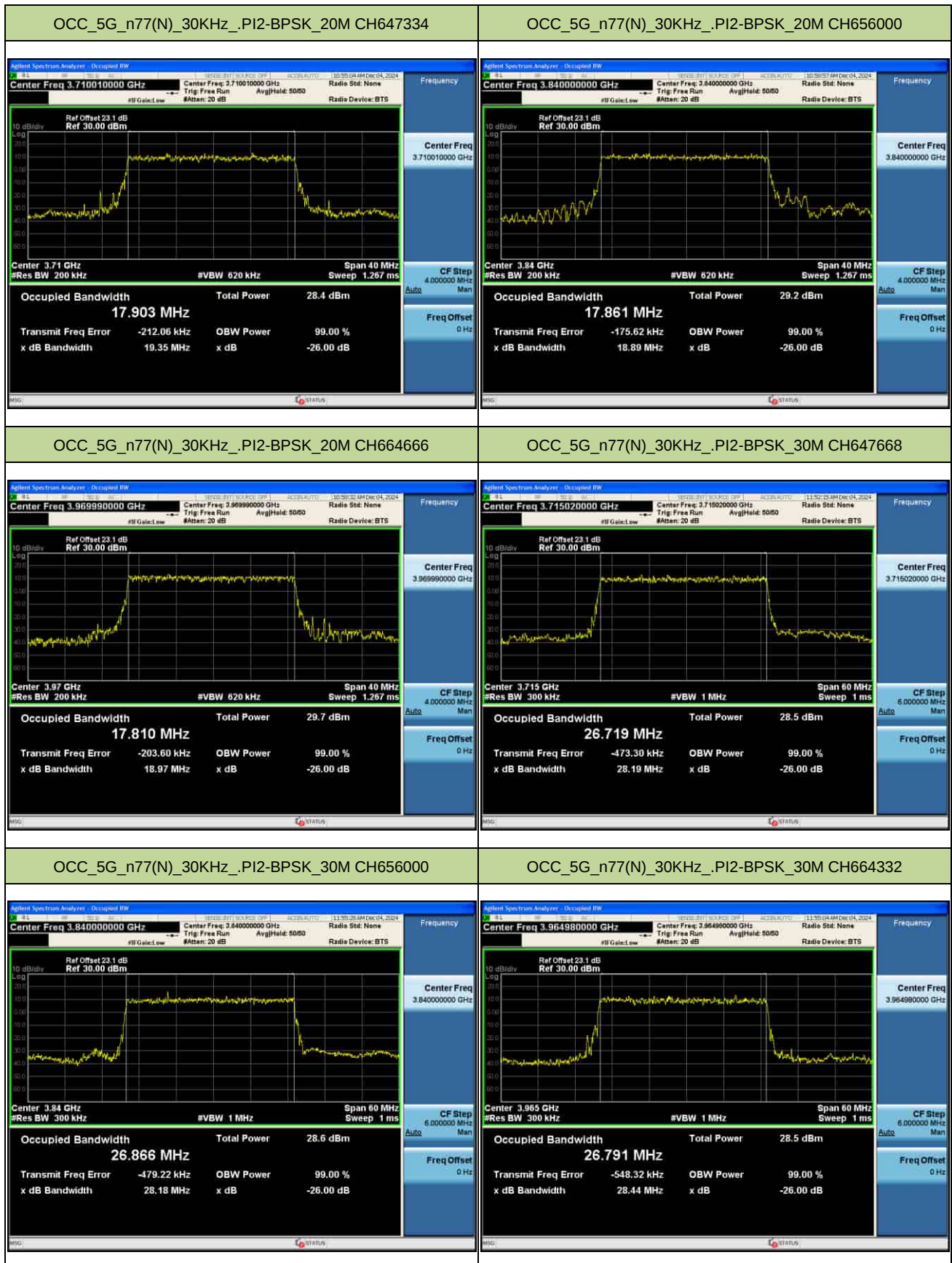


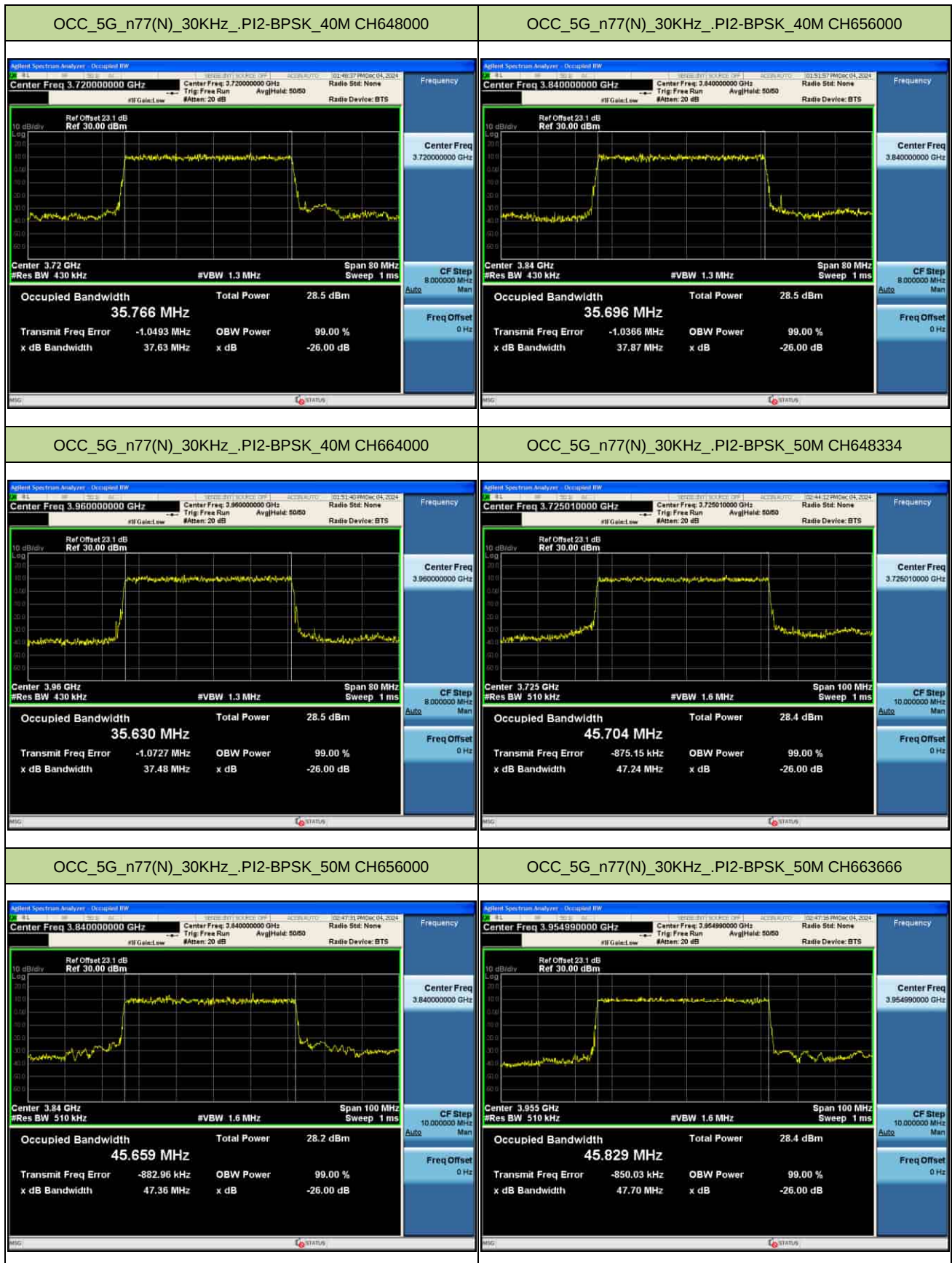
A1.4 NR n77_3700-3980MHz (Cover n78_3700-3800MHz)

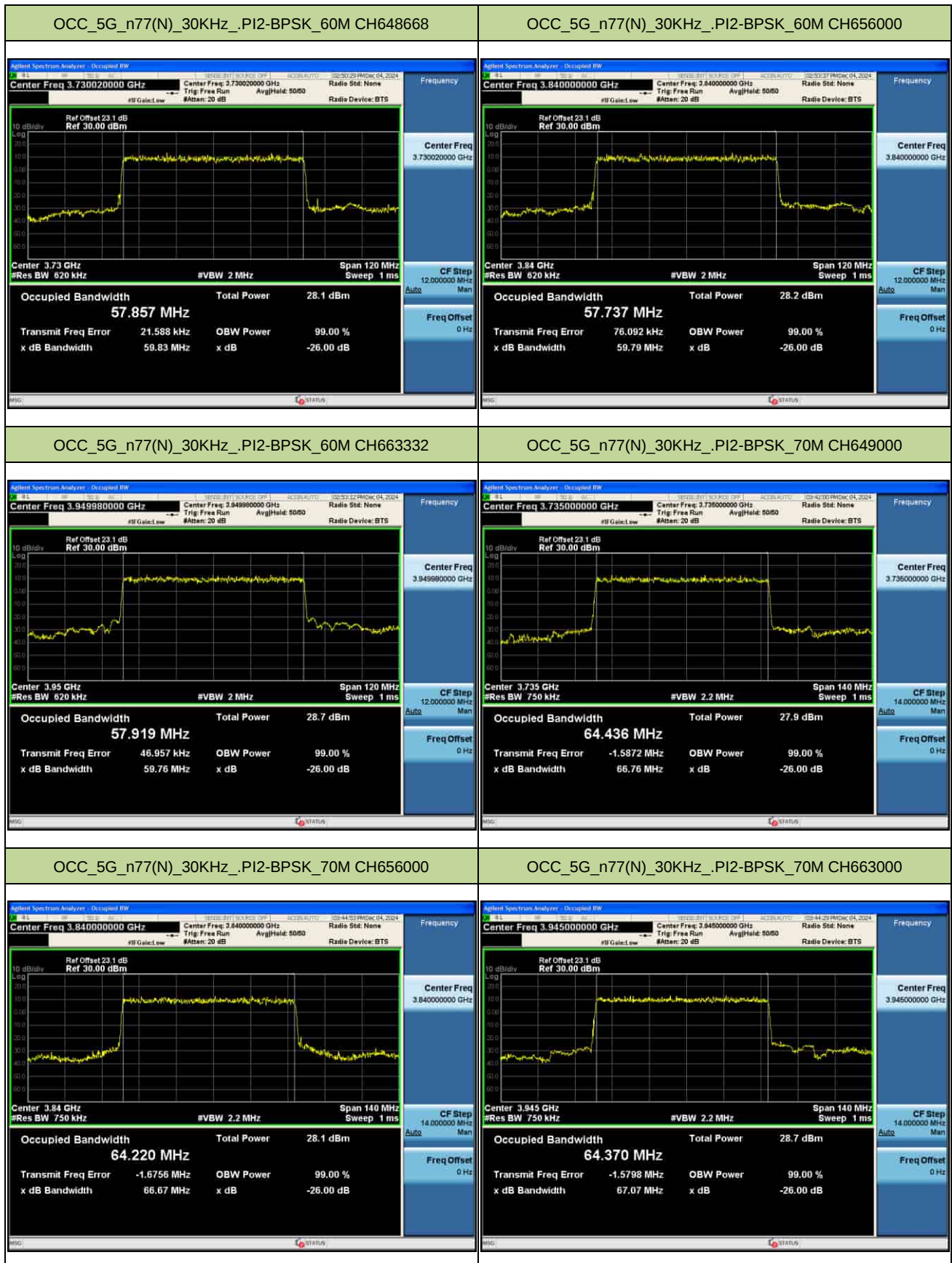
n77 (3.7G ~ 3.98G)												
BW	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)					26 dB bandwidth (MHz)				
			BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
10M	647000	3705	8.5508	8.5994	8.6031	8.5766	8.5521	9.579	9.505	9.569	9.567	9.556
10M	656000	3840	8.5869	8.5465	8.5751	8.5553	8.5893	9.674	9.352	9.670	9.510	9.458
10M	665000	3975	8.6067	8.6182	8.6067	8.5597	8.5677	9.645	9.520	9.816	9.772	9.548
15M	647168	3707.52	12.859	12.871	12.878	12.856	12.882	13.85	14.17	14.12	14.11	14.13
15M	656000	3840	12.852	12.900	12.845	12.839	12.853	13.81	15.70	14.00	14.17	14.16
15M	664832	3972.48	12.890	12.882	12.849	12.852	12.876	13.99	14.54	14.09	13.94	14.00
20M	647334	3710.01	17.903	17.867	17.835	17.795	17.916	19.35	19.27	19.08	20.10	19.22
20M	656000	3840	17.861	17.892	17.797	17.864	17.895	18.89	19.23	18.91	18.95	19.44
20M	664666	3969.99	17.810	17.866	17.842	17.840	17.830	18.97	19.15	18.84	19.39	19.14
30M	647668	3715.02	26.719	26.756	26.780	26.742	26.830	28.19	28.46	28.05	28.02	28.17
30M	656000	3840	26.866	26.819	26.776	26.881	26.842	28.18	28.00	28.29	28.21	28.42
30M	664332	3964.98	26.791	26.802	26.782	26.868	26.736	28.44	28.02	28.08	28.26	28.50
40M	648000	3720	35.766	35.782	35.693	35.770	35.646	37.63	37.94	37.42	37.22	37.13
40M	656000	3840	35.696	35.789	35.828	35.745	35.806	37.87	37.32	37.10	37.31	37.27
40M	664000	3960	35.630	35.727	35.669	35.800	35.757	37.48	37.55	37.03	37.36	37.43
50M	648334	3725.01	45.704	45.738	45.642	45.784	45.862	47.24	47.73	47.72	47.85	47.60
50M	656000	3840	45.659	45.709	45.757	45.720	45.843	47.36	47.41	47.39	47.80	47.55
50M	663666	3954.99	45.829	45.644	45.786	45.794	45.731	47.70	47.47	47.50	47.67	47.28
60M	648668	3730.02	57.857	57.968	57.978	57.846	57.862	59.83	60.02	60.14	60.11	59.74
60M	656000	3840	57.737	57.991	57.891	57.940	57.850	59.79	59.82	60.18	60.09	60.13
60M	663332	3949.98	57.919	57.935	57.912	57.830	57.942	59.76	60.02	59.89	59.97	60.07
70M	649000	3735	64.436	64.378	64.225	64.297	64.256	66.76	66.79	66.48	66.45	66.71
70M	656000	3840	64.220	64.364	64.340	64.462	64.339	66.67	66.71	66.67	66.69	66.56
70M	663000	3945	64.370	64.397	64.236	64.231	64.336	67.07	66.55	66.56	66.67	66.50
80M	649334	3740.01	77.049	77.126	77.081	77.162	77.039	79.62	81.53	79.58	79.54	80.07
80M	656000	3840	77.067	77.206	77.025	77.279	77.148	79.98	79.88	79.68	79.97	79.54
80M	662666	3939.99	77.211	77.181	77.167	77.250	77.230	79.67	79.68	79.66	79.72	79.77
90M	649668	3745.02	86.869	86.725	86.750	86.764	86.641	89.81	89.62	89.48	89.59	89.52
90M	656000	3840	86.634	86.983	86.665	86.871	86.861	89.55	89.48	89.45	89.54	89.55
90M	662332	3934.98	86.842	86.630	86.716	86.919	86.769	89.42	89.55	89.79	89.45	89.48

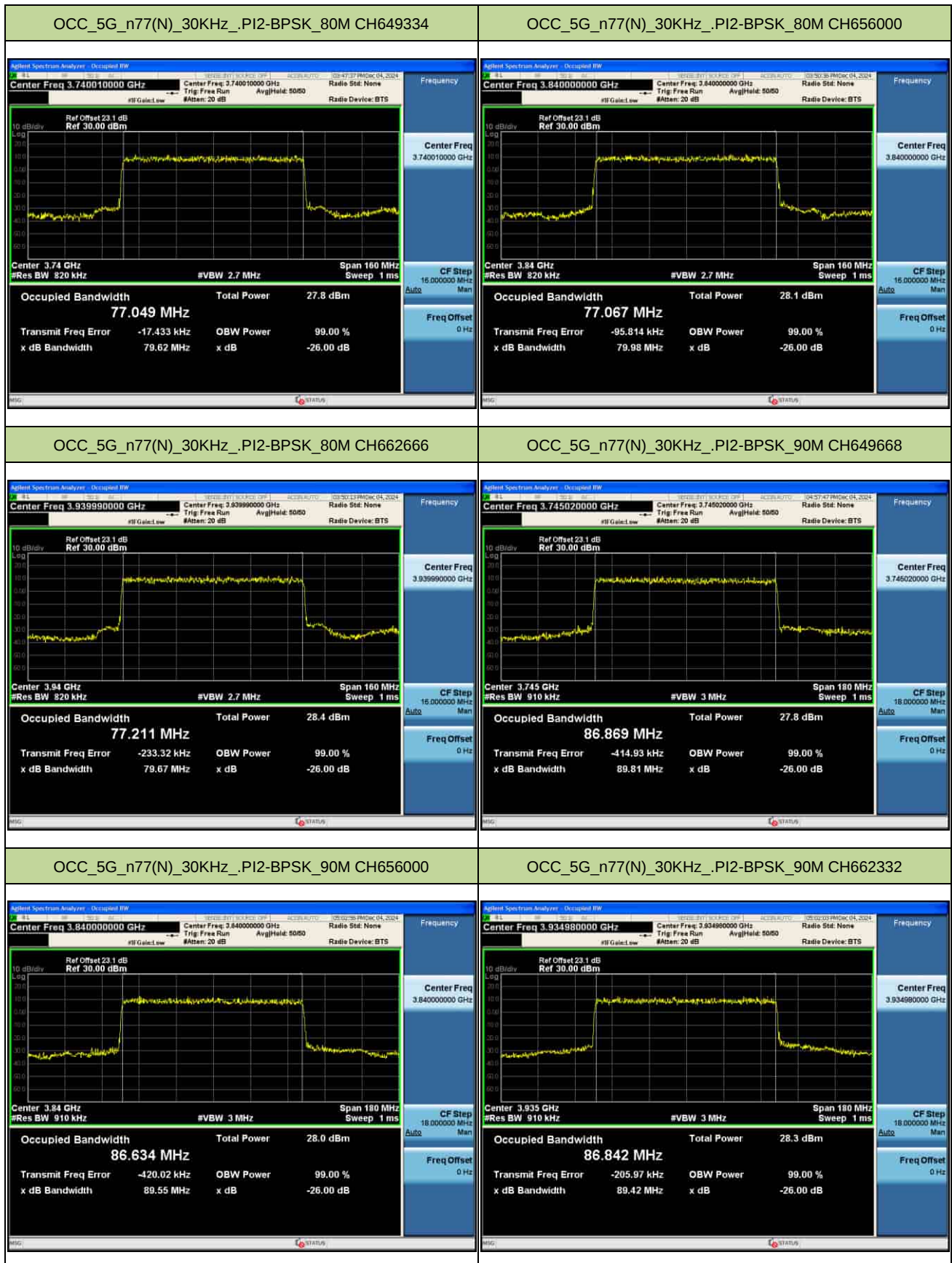
n77 (3.7G ~ 3.98G)												
BW	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)					26 dB bandwidth (MHz)				
100M	650000	3750	96.367	96.475	96.404	96.350	96.466	99.41	99.47	99.43	99.40	99.45
100M	656000	3840	96.332	96.187	96.298	96.440	96.676	99.41	99.50	99.57	99.50	99.53
100M	662000	3930	96.822	96.426	96.521	96.391	96.532	99.50	99.65	99.46	99.65	99.43

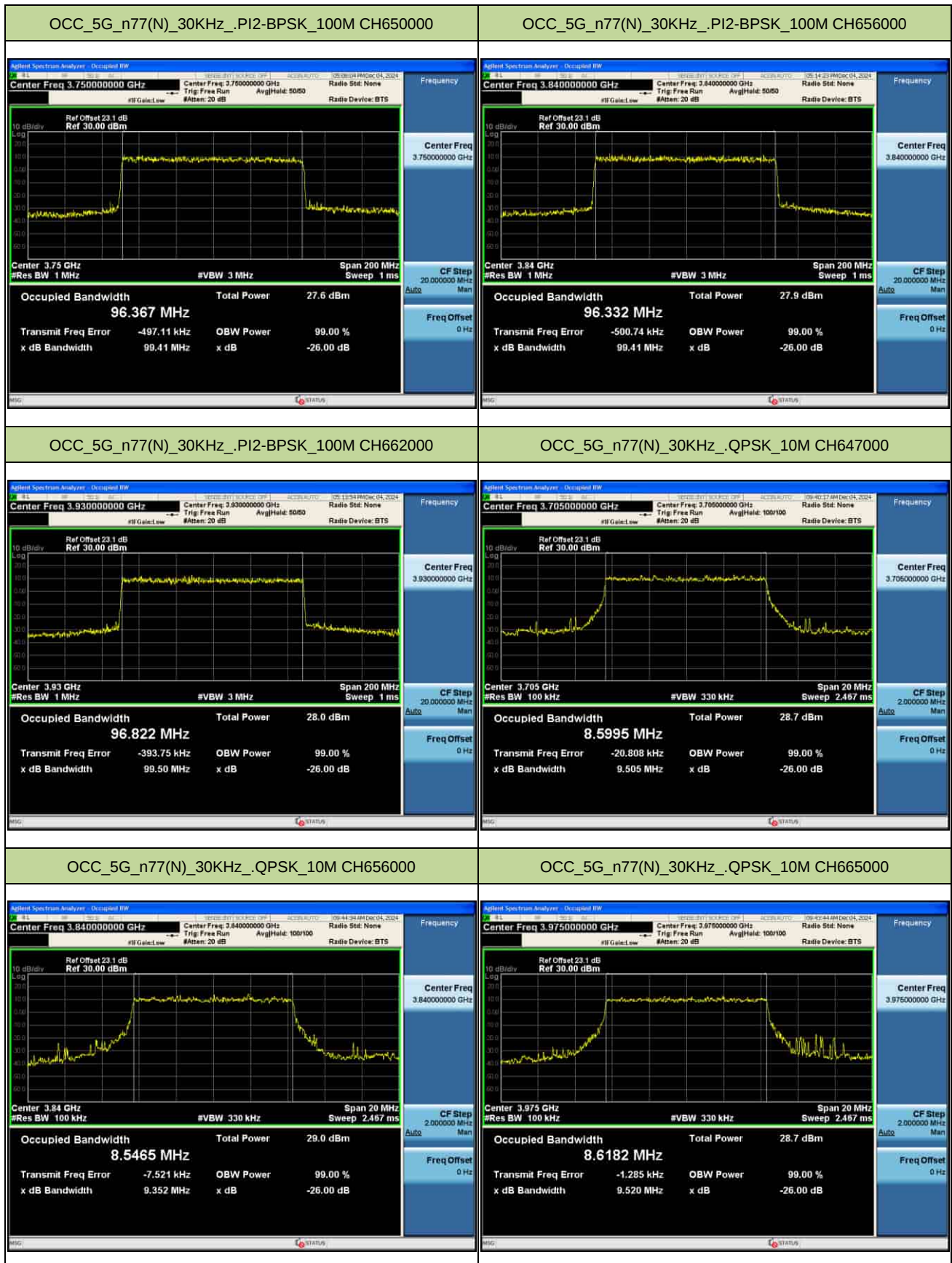


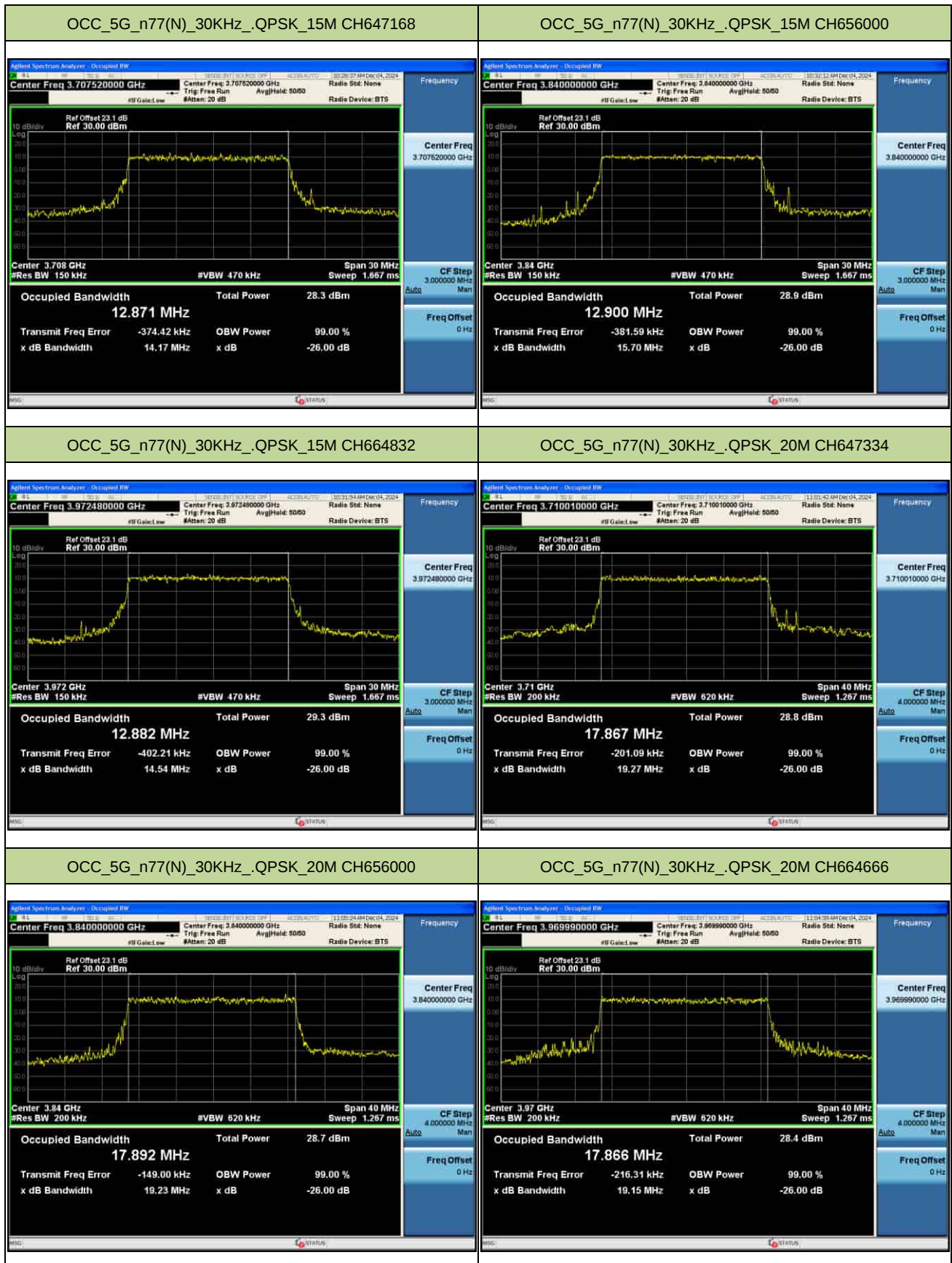


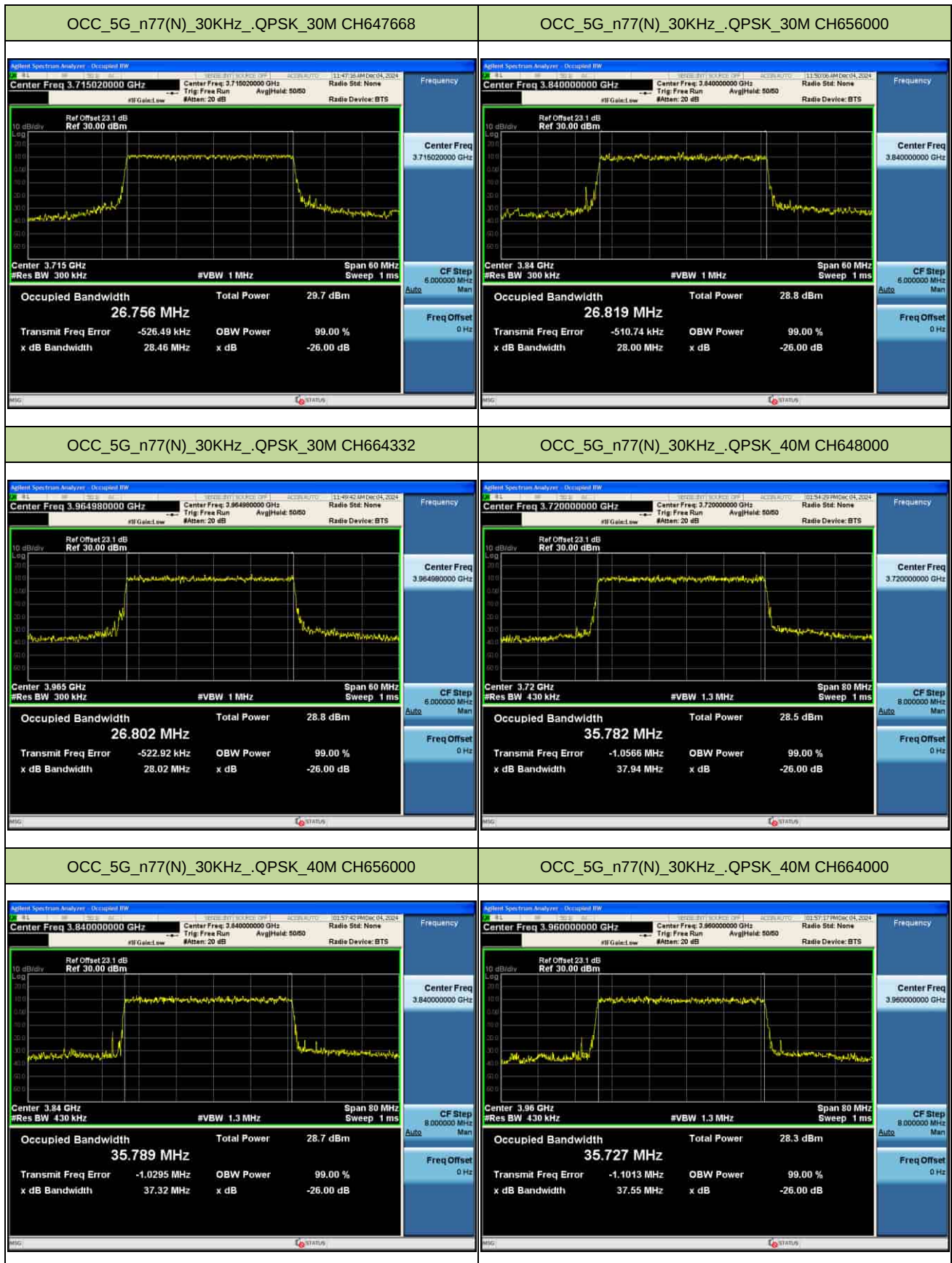


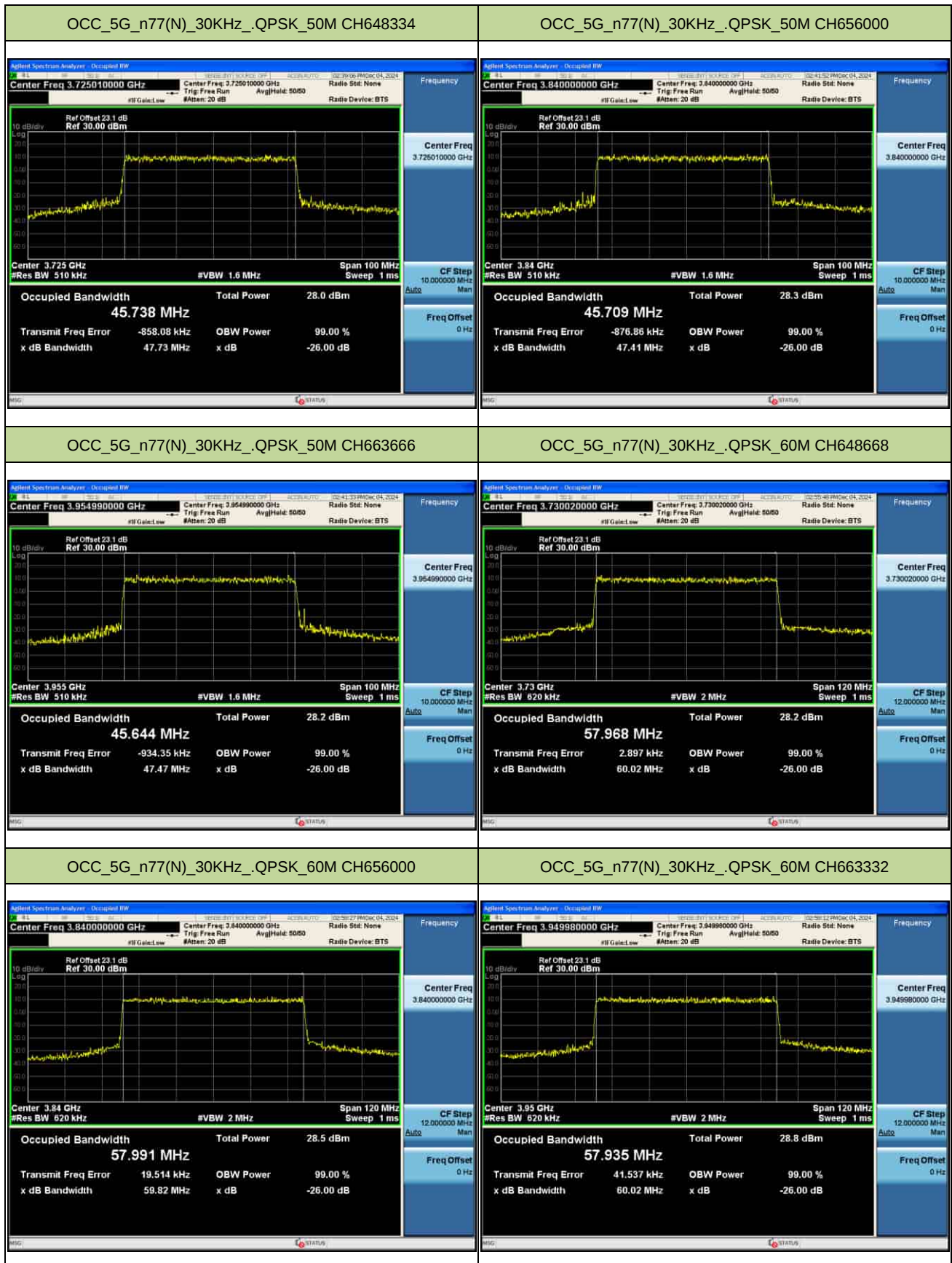


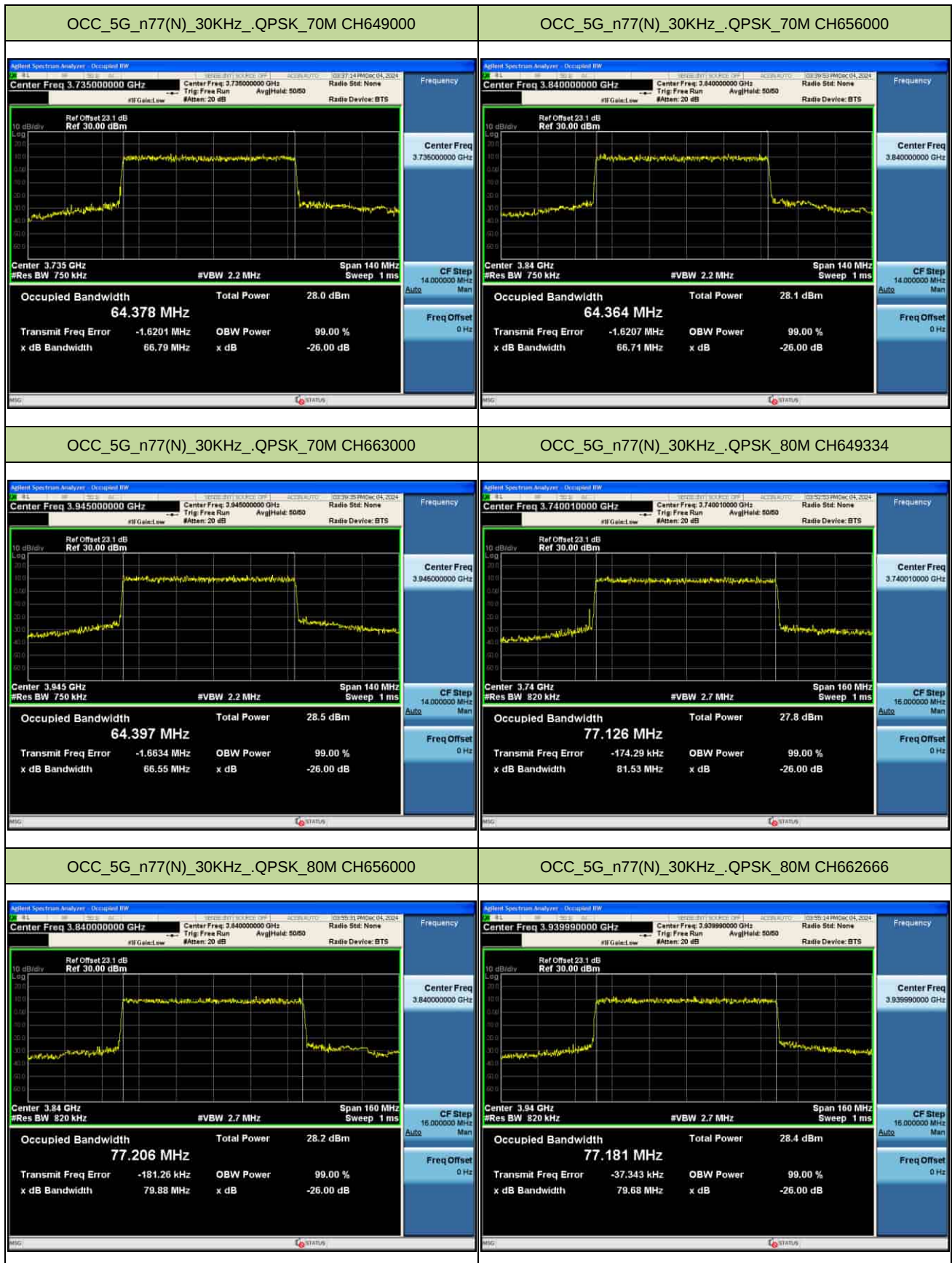




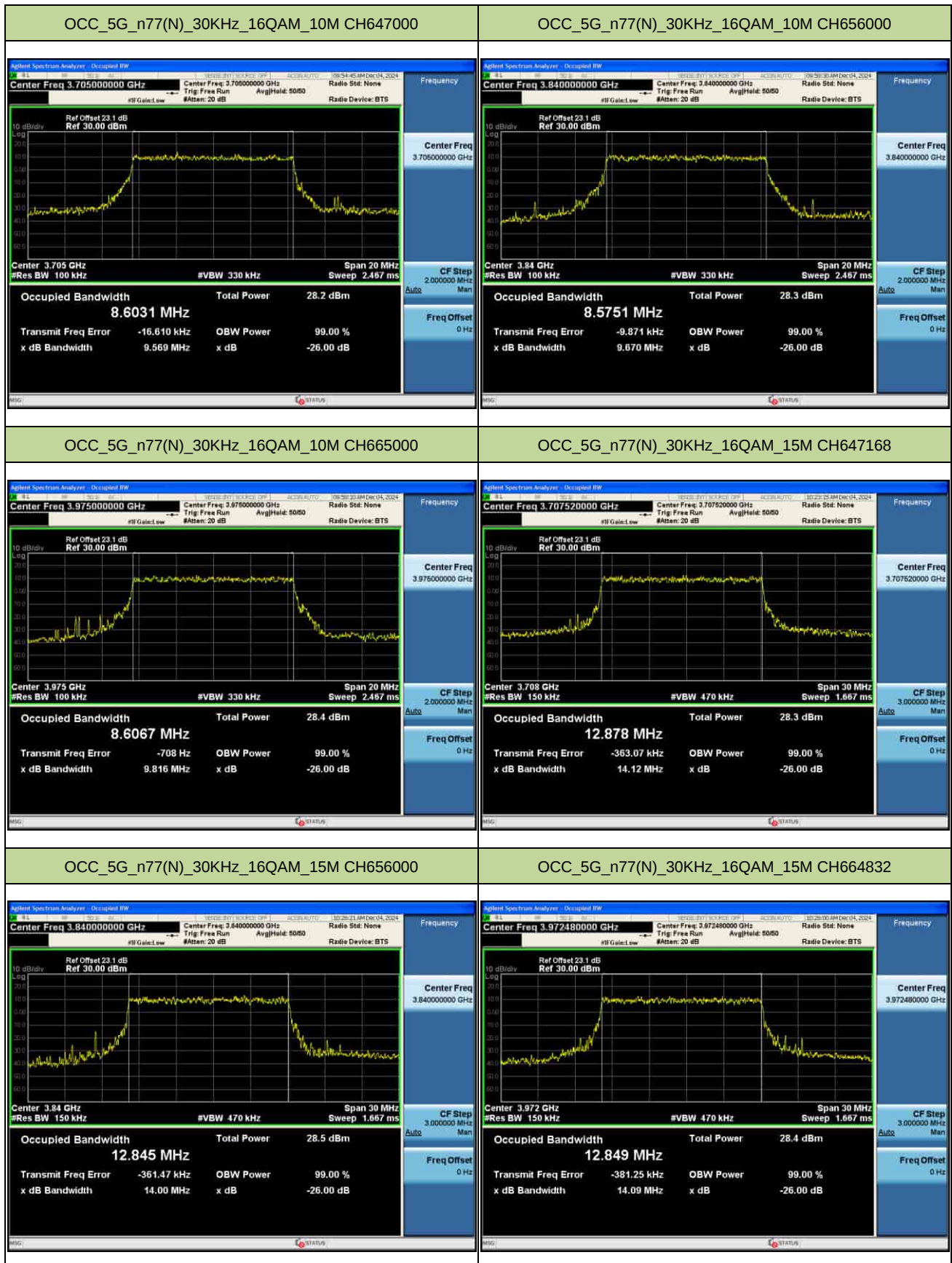


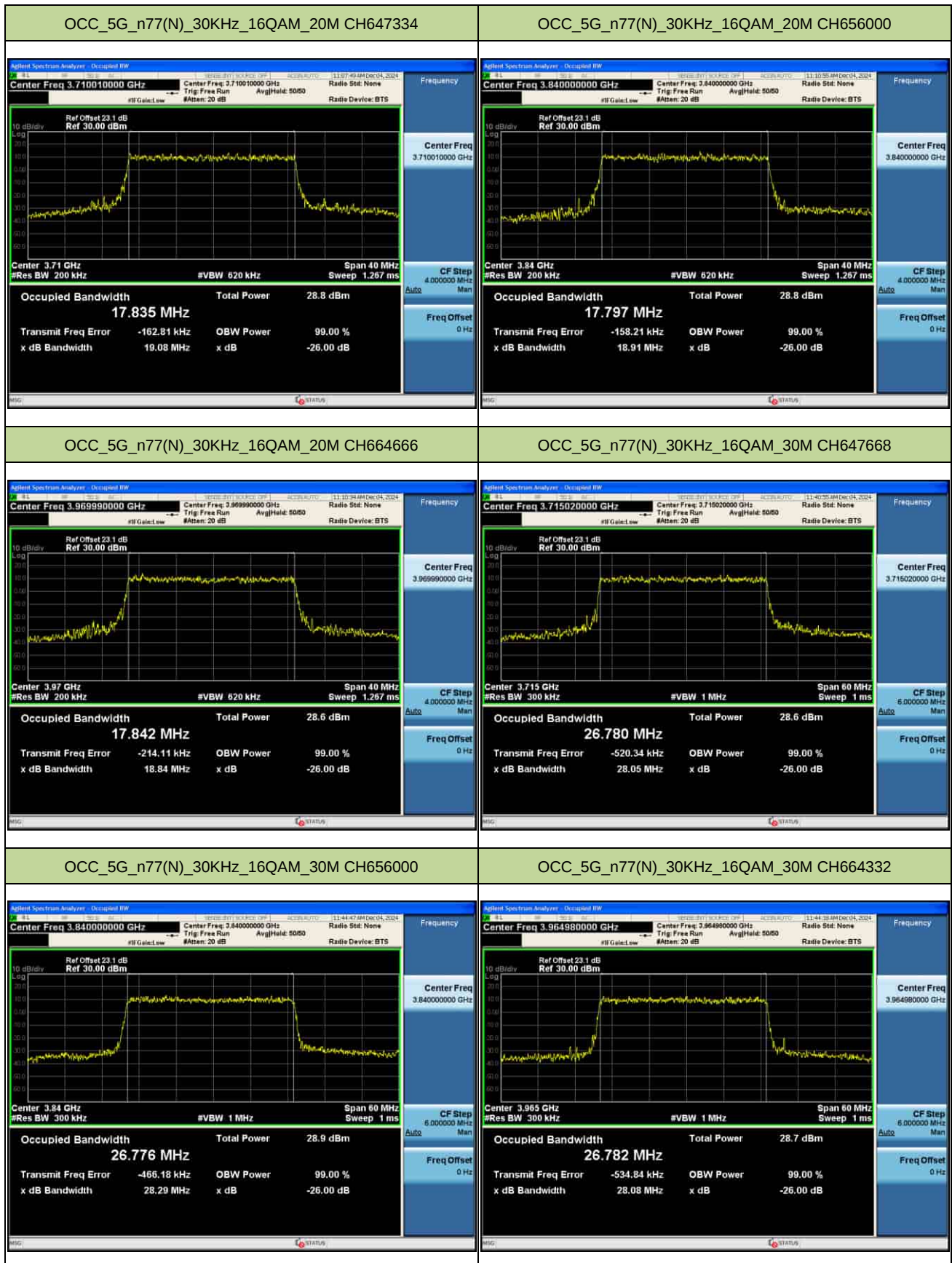


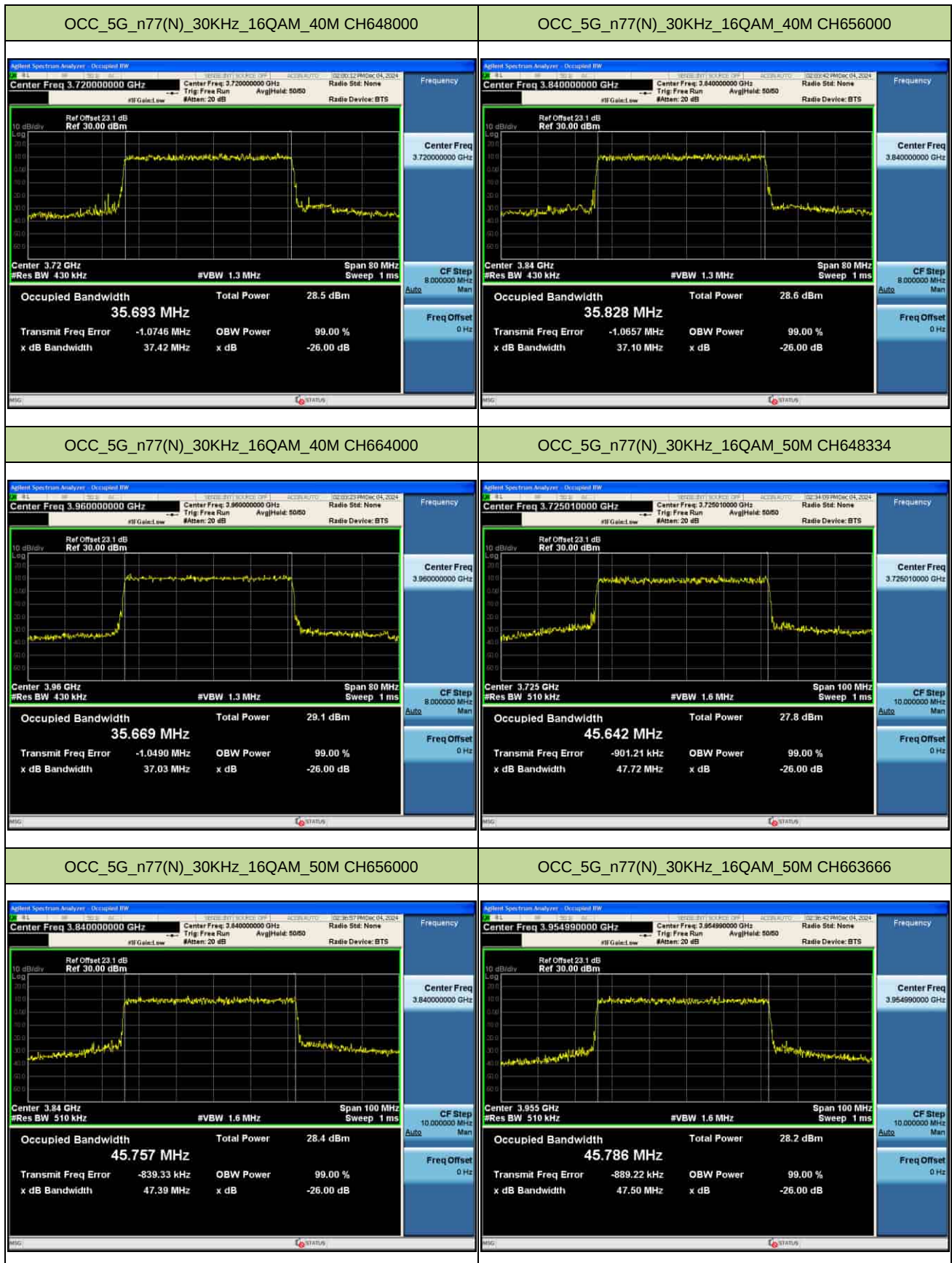


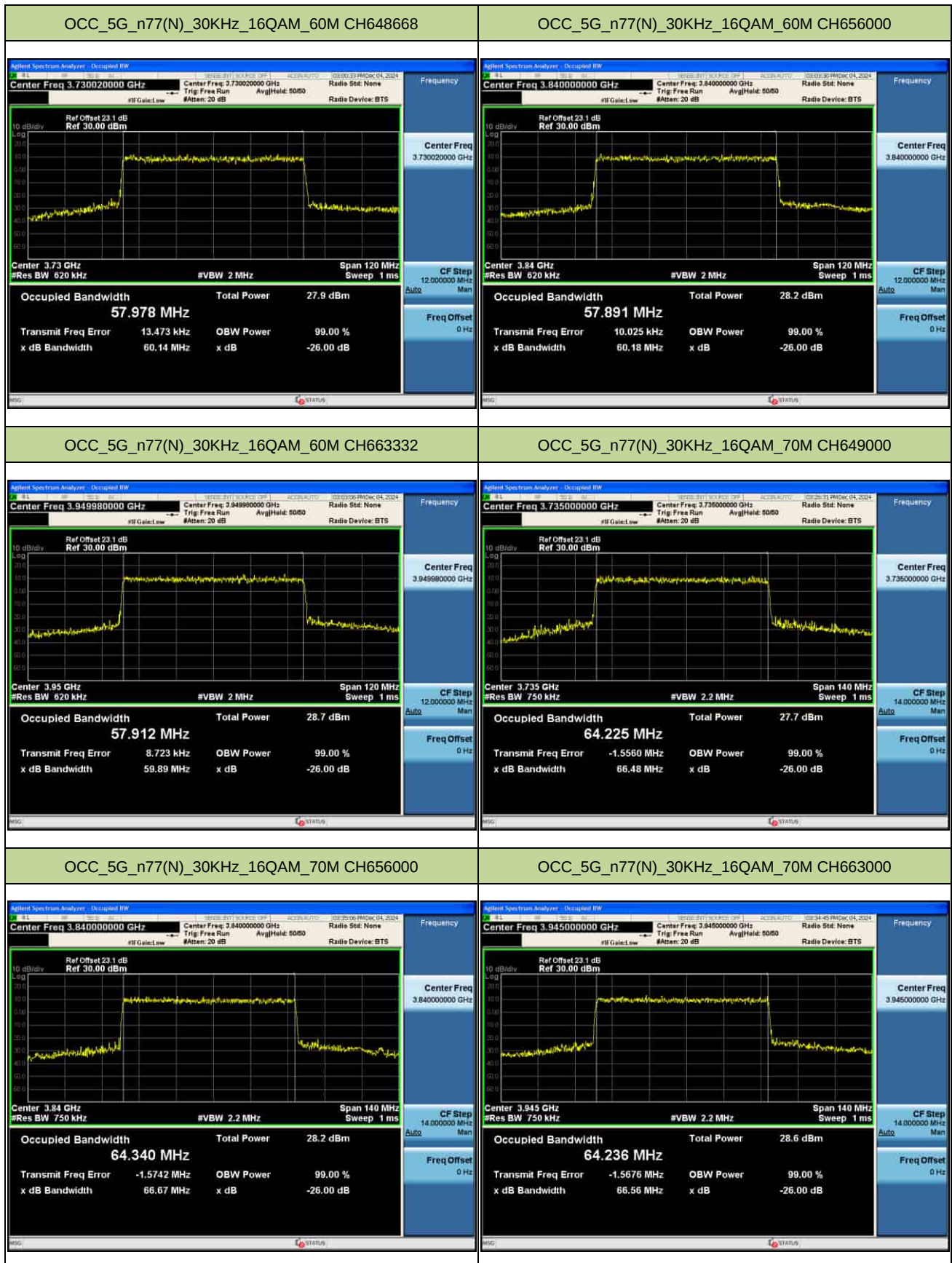


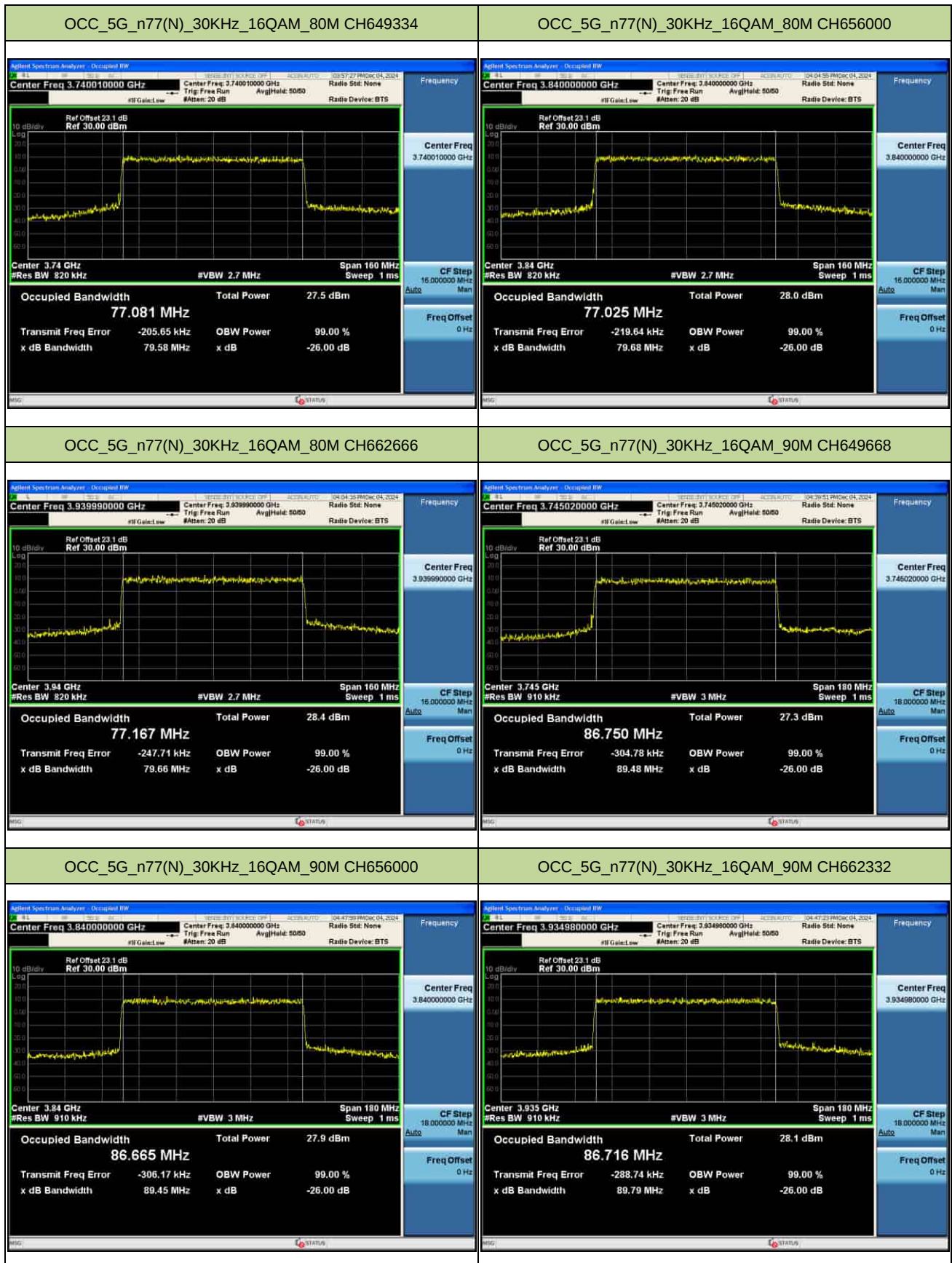


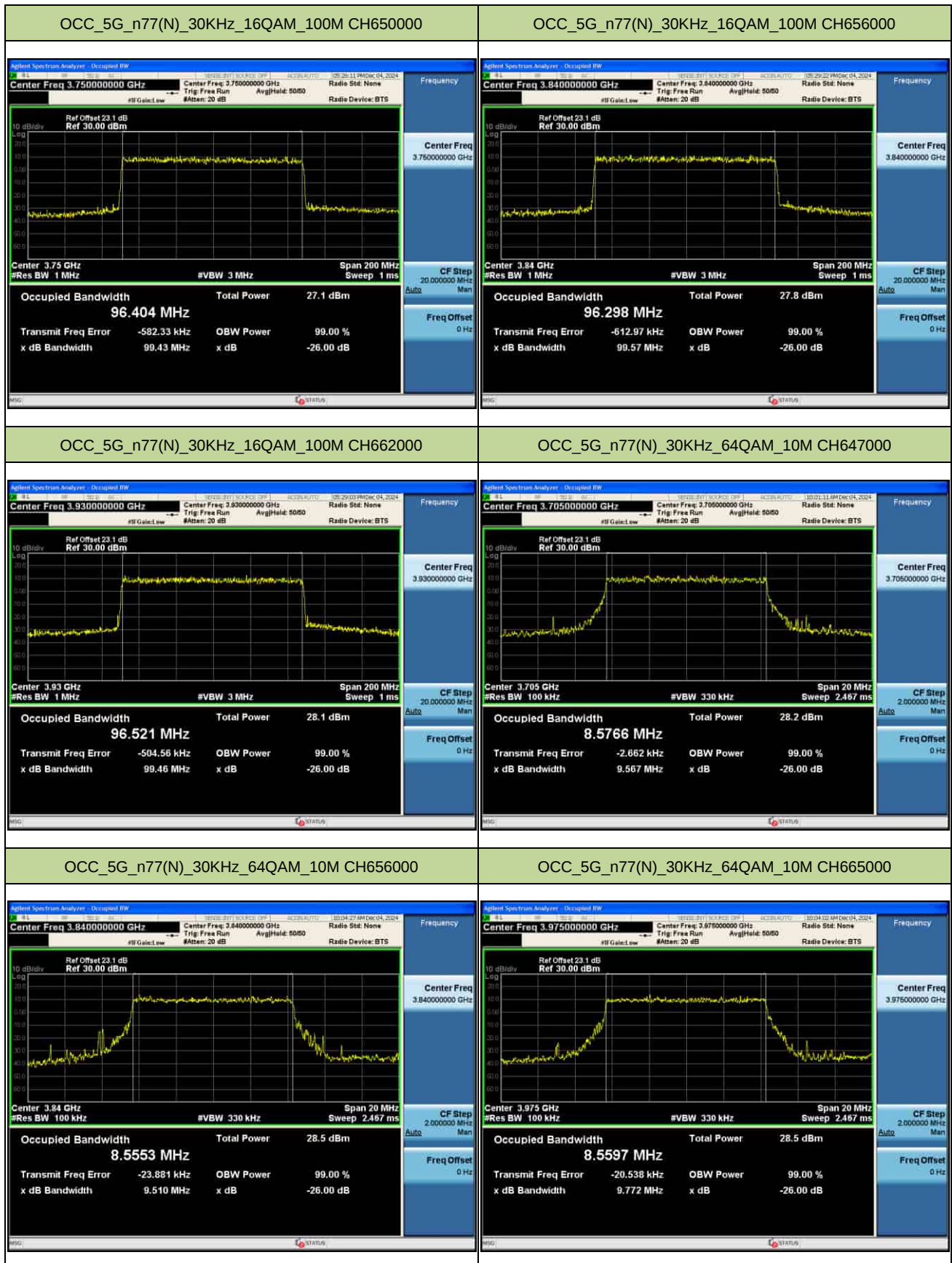


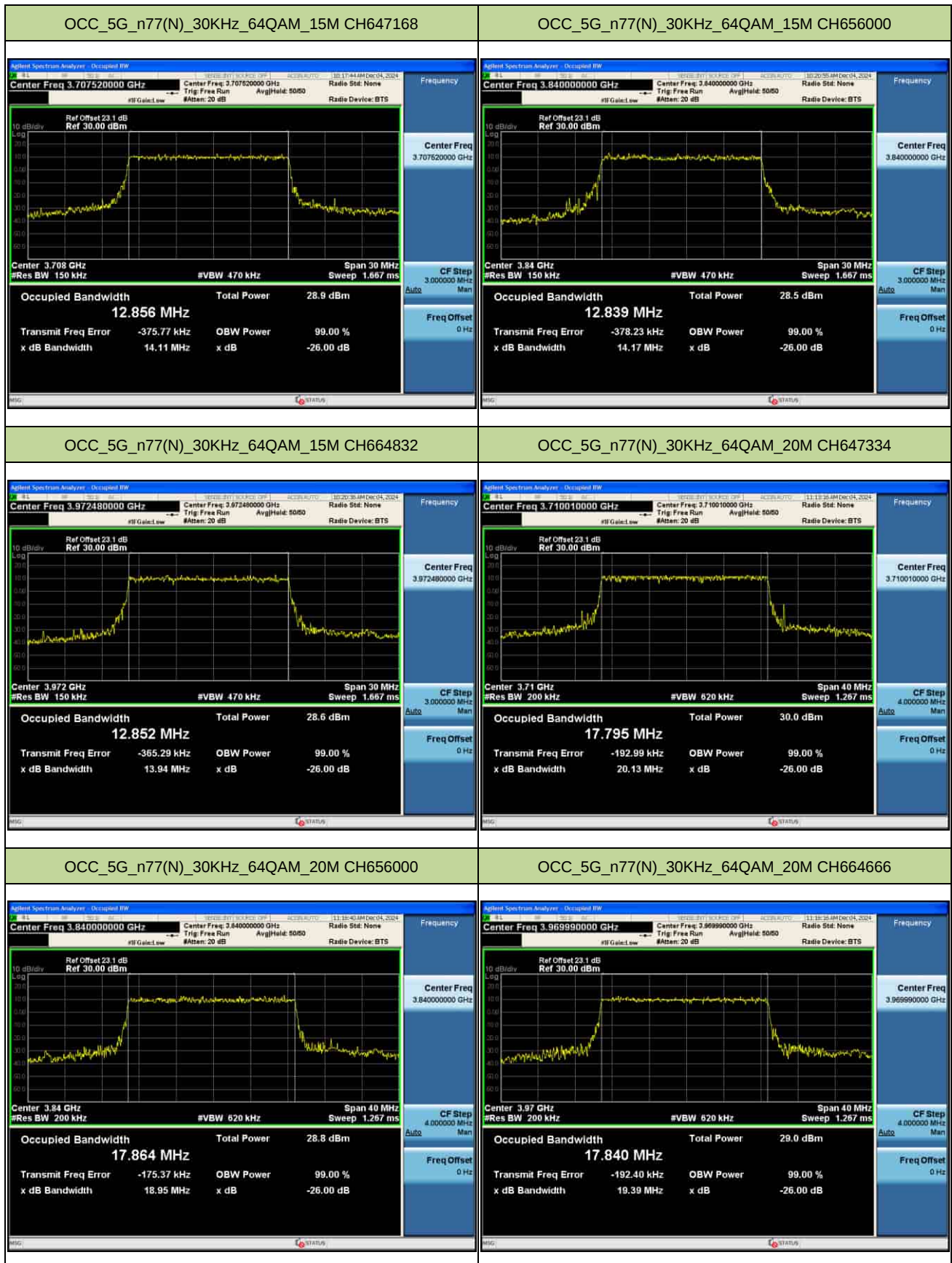


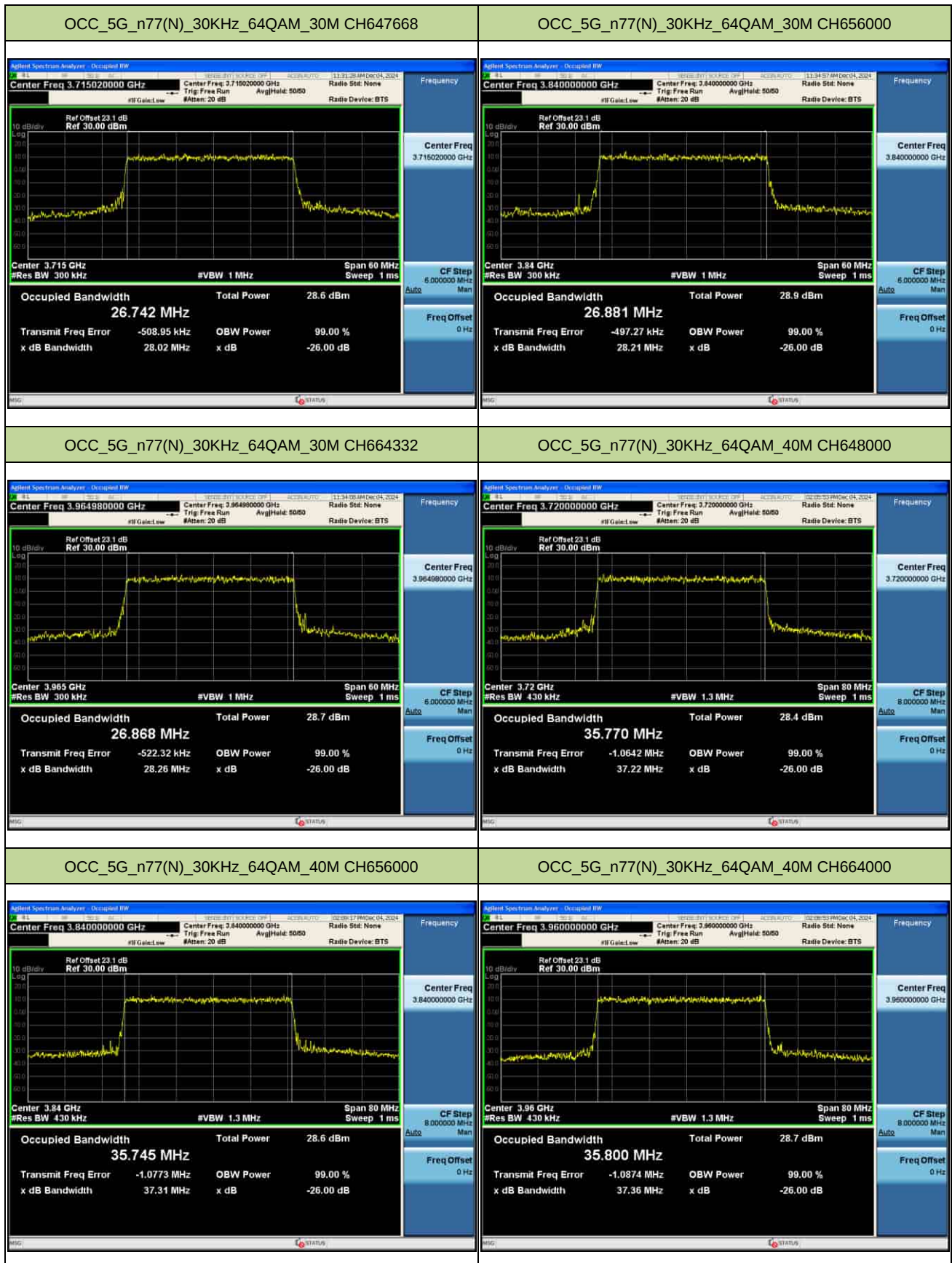


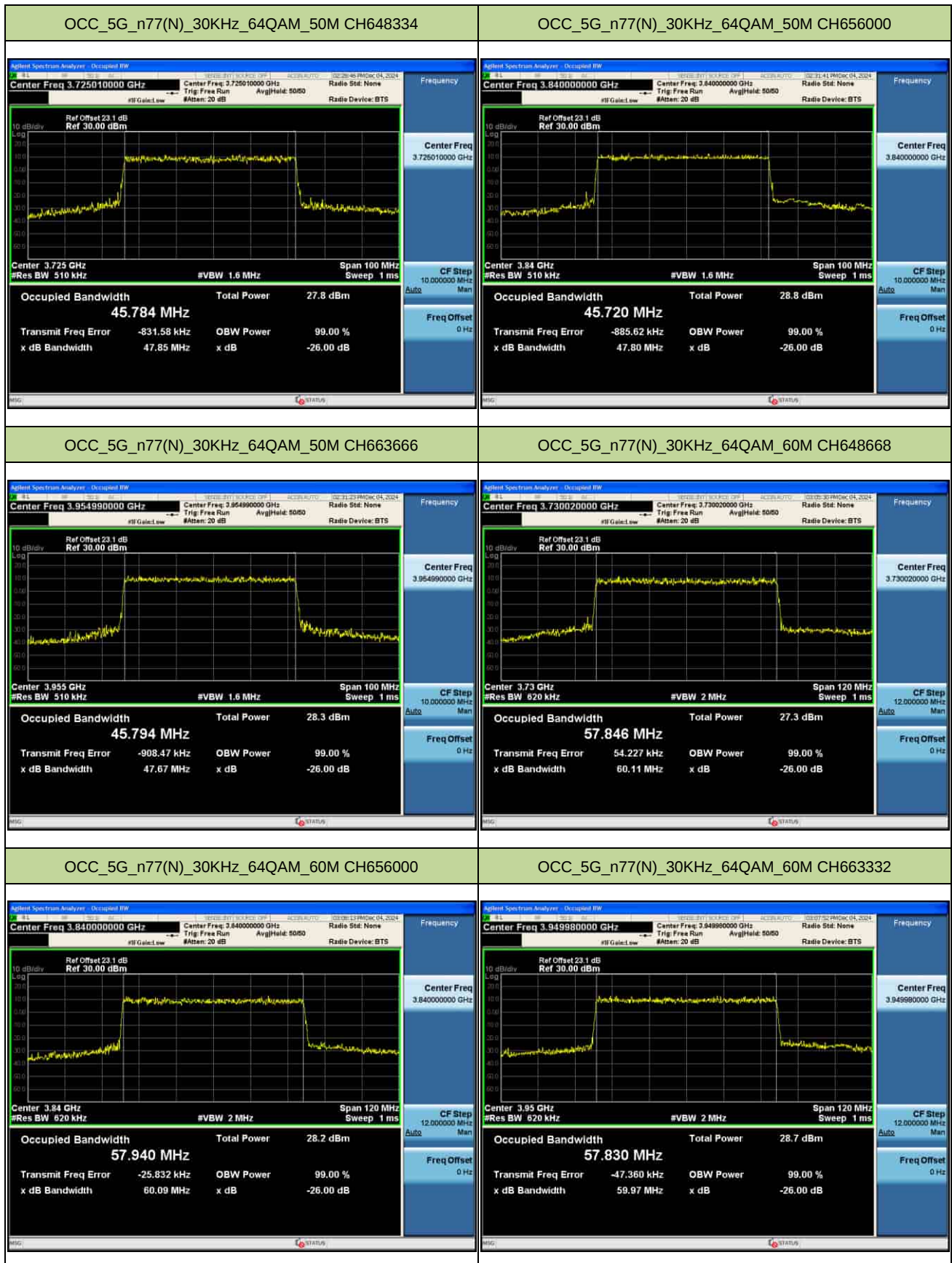


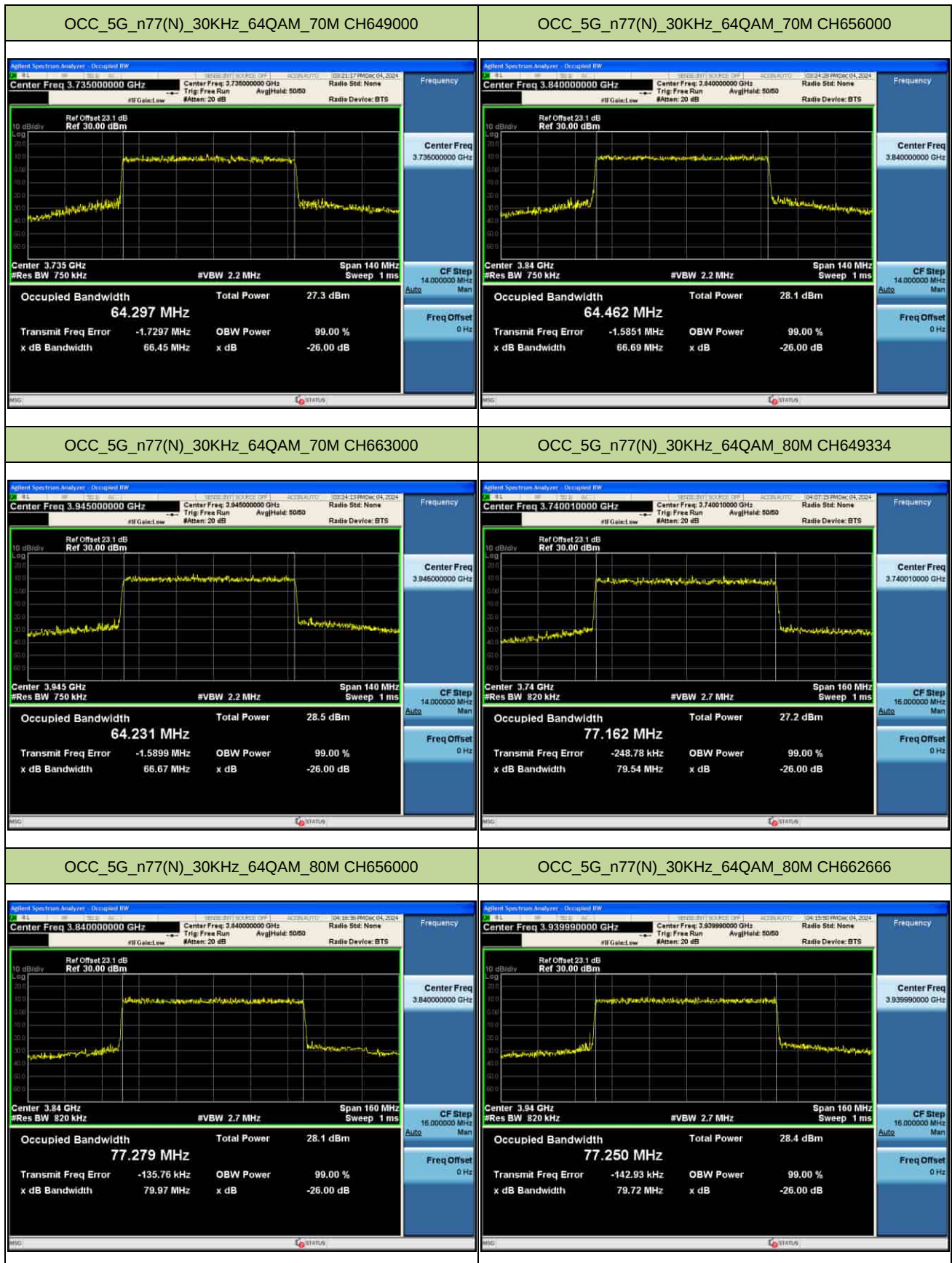


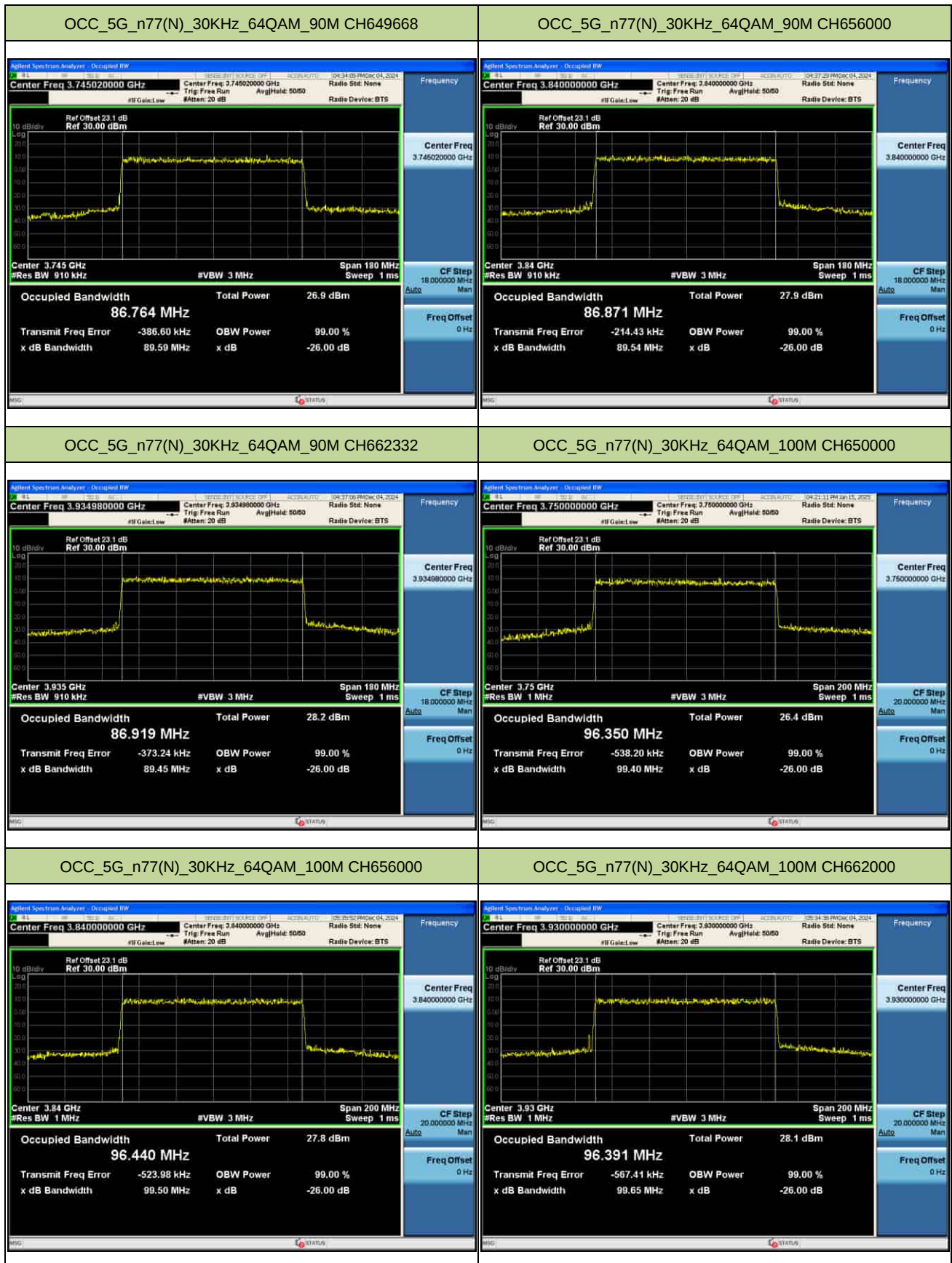


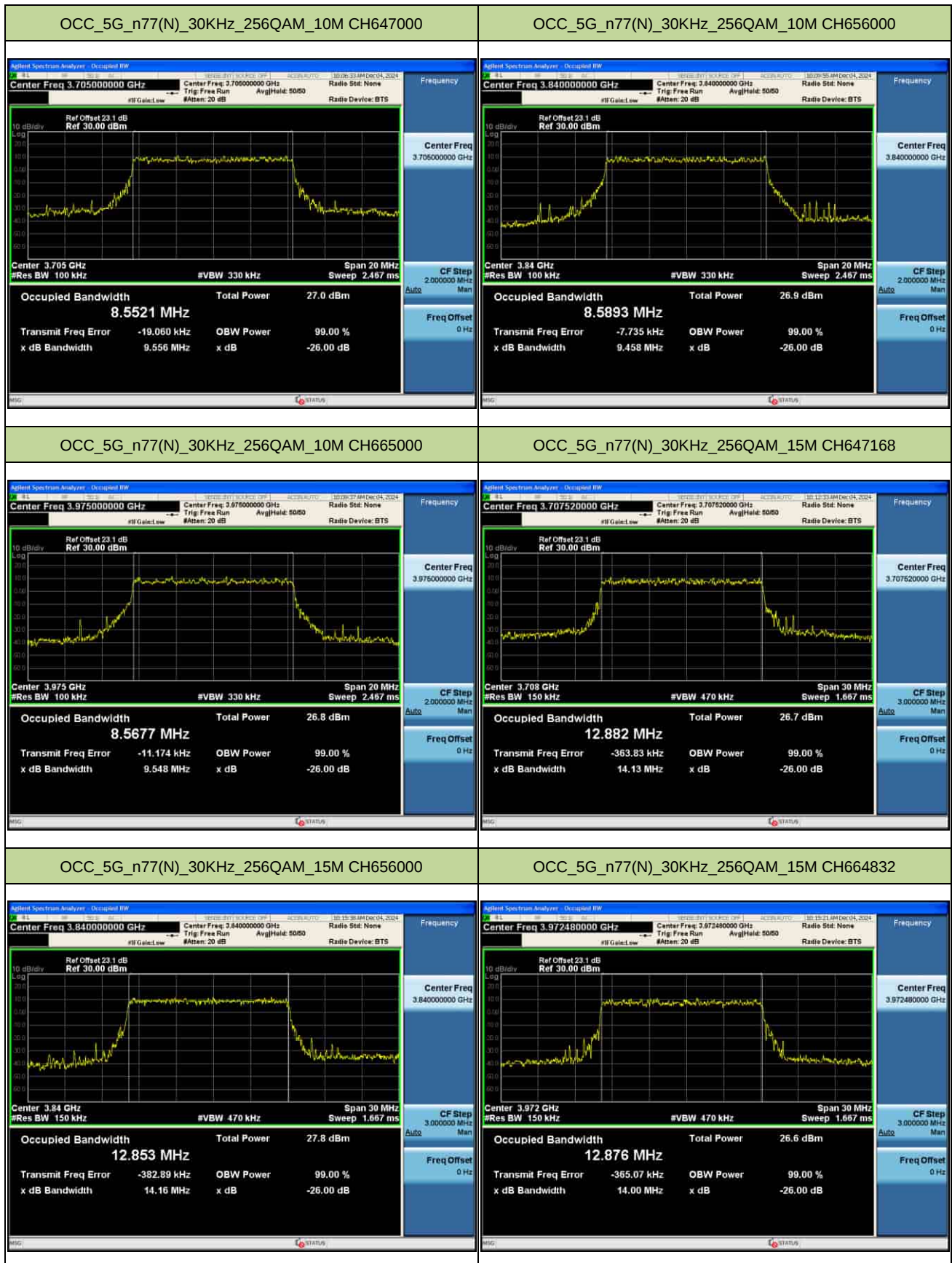


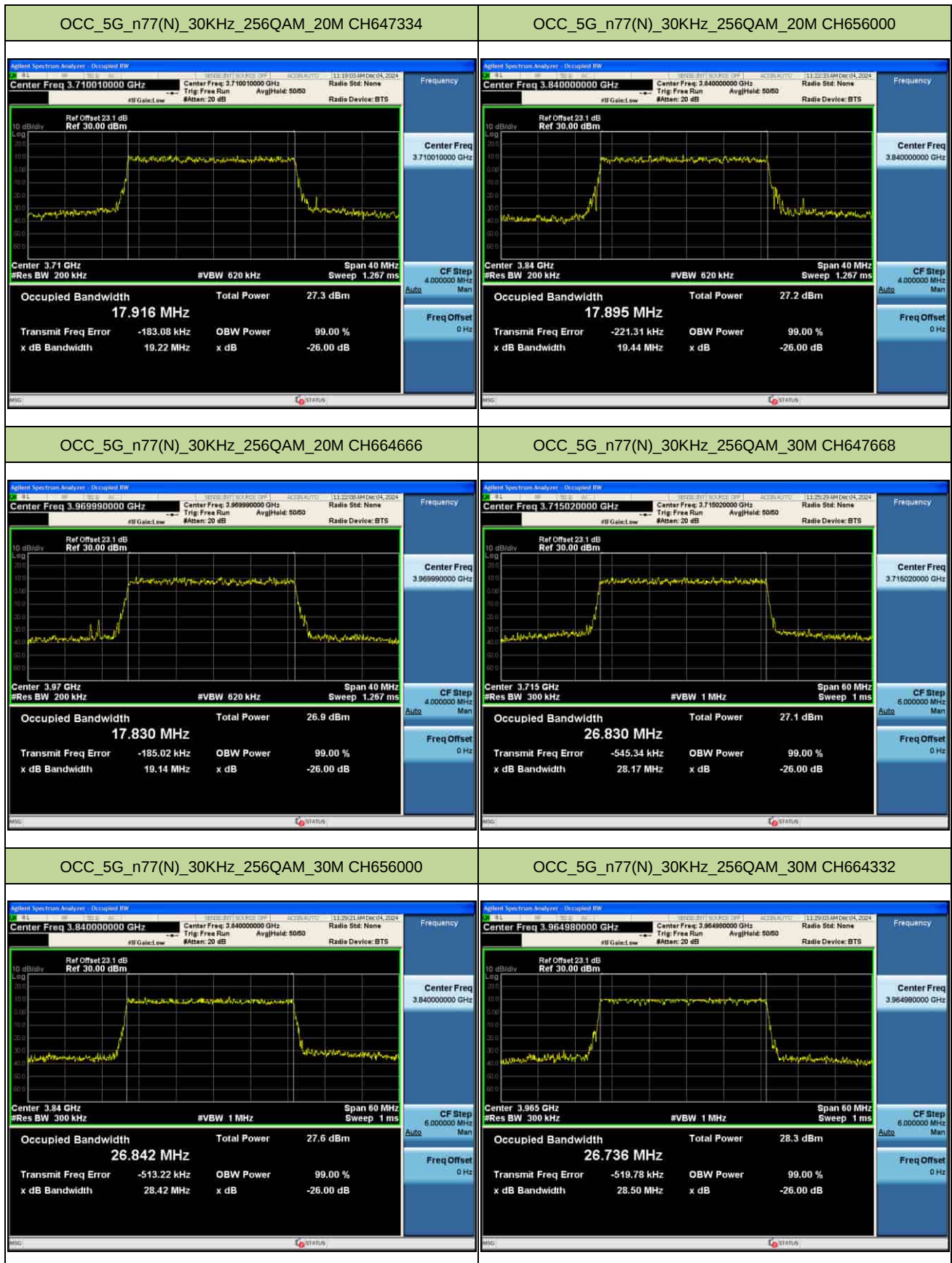


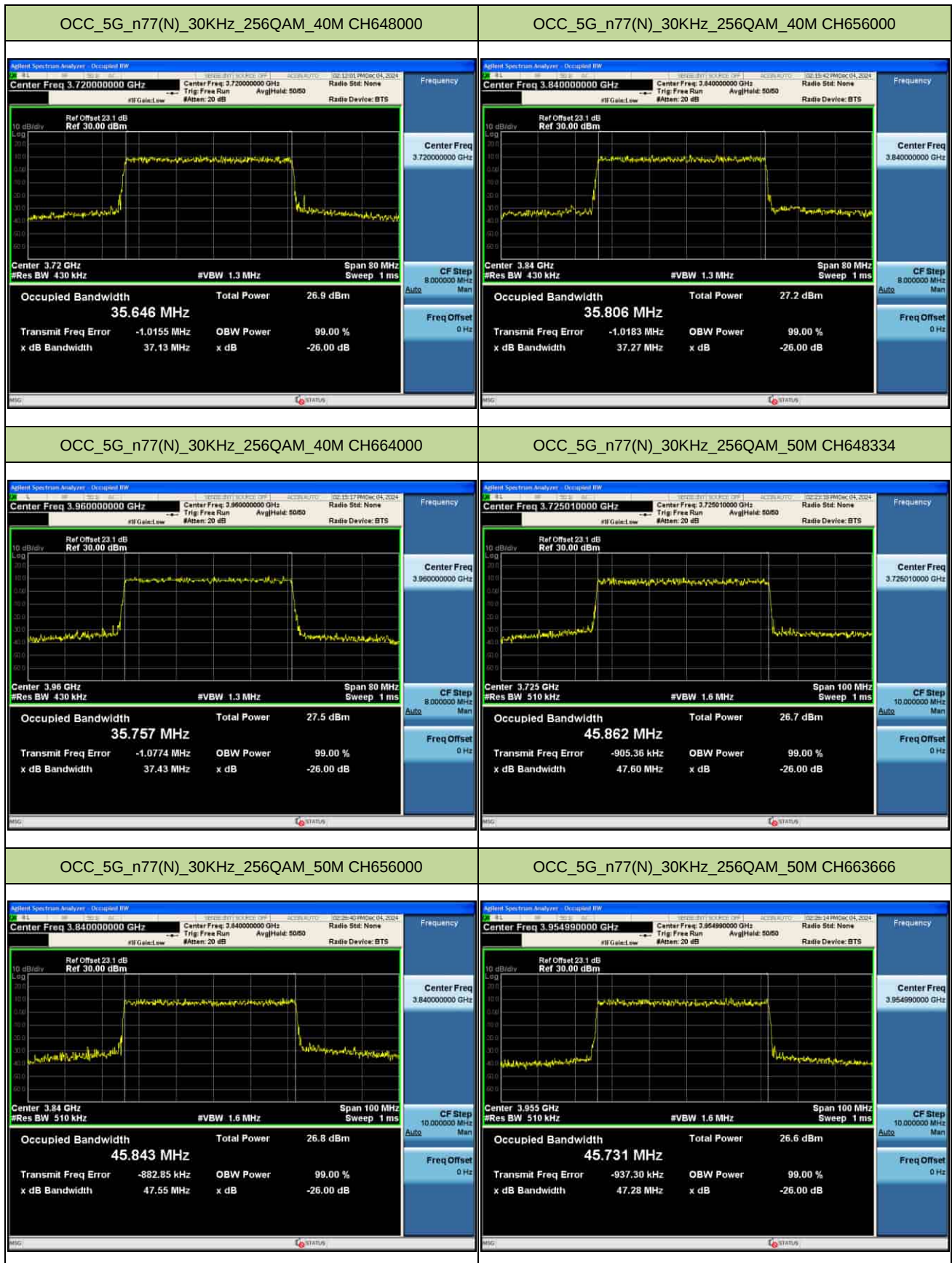


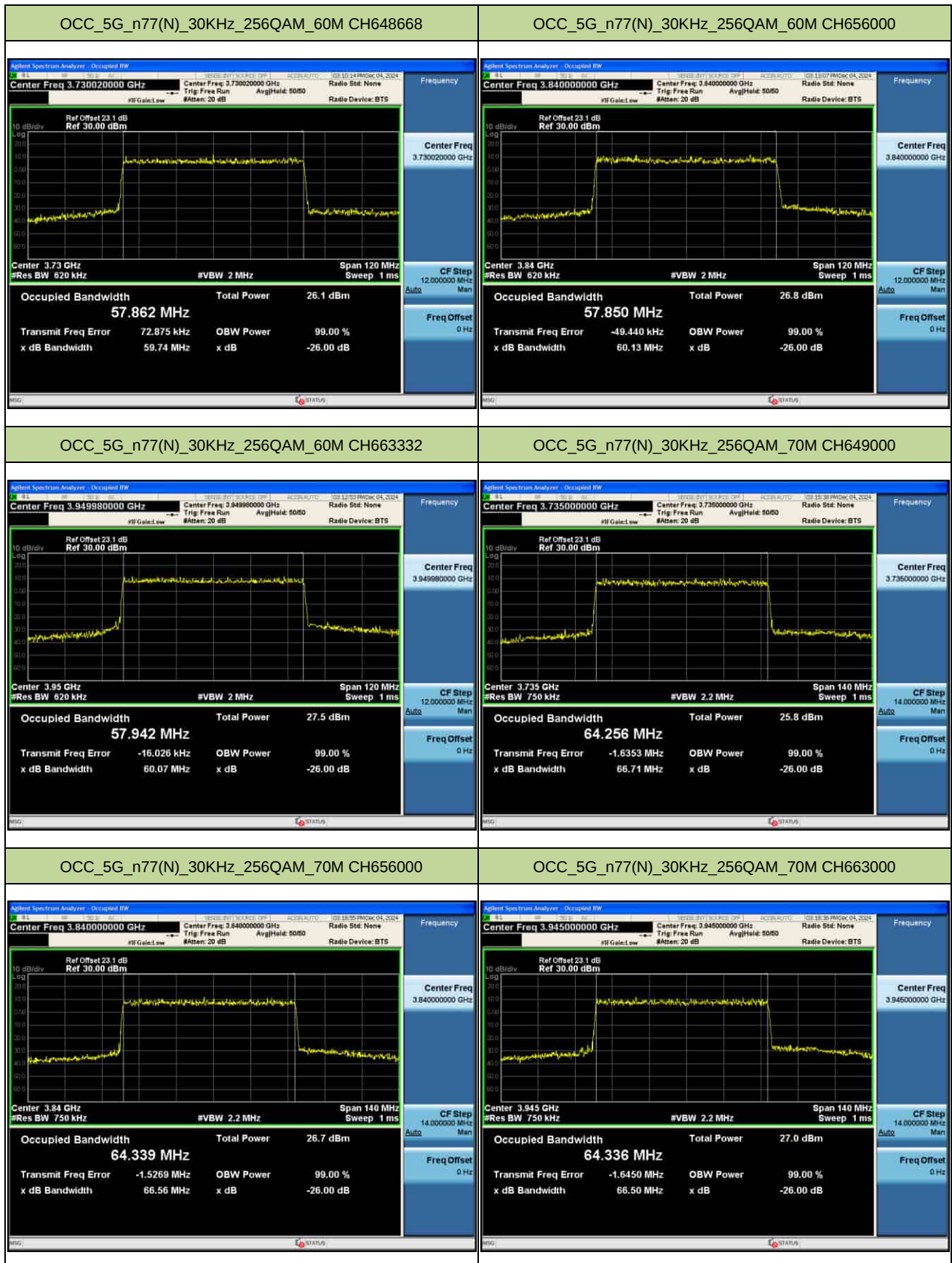
















A2. Frequency Stability Test Result

A2.1 LTE Band 42

Test Site	SR3	Test Engineer	Wen Lee
Test Date	12/25/2024	Test Band	Band 42 (3.45G~3.55G) 20M

Temperature vs. Frequency Stability						
Voltage (%)	Power (VAC)	Temp (°C)	Declared Frequency (MHz)	Measured Frequency (Hz)	Frequency Tolerance (ppm)	Limit (ppm)
100%	DC 3.6V	-30	3500	1.53	0.000	±2.5
		-20	3500	-1.54	0.000	±2.5
		-10	3500	1.15	0.000	±2.5
		0	3500	1.30	0.000	±2.5
		10	3500	-1.93	-0.001	±2.5
		+ 20 (Ref)	3500	-1.18	0.000	±2.5
		30	3500	-1.92	-0.001	±2.5
		40	3500	-1.30	0.000	±2.5
		50	3500	-4.01	-0.001	±2.5
Voltage vs. Frequency Stability						
Voltage (%)	Power (VAC)	Temp (°C)	Declared Frequency (MHz)	Measured Frequency (Hz)	Frequency Tolerance (ppm)	Limit (ppm)
100%	DC 3.6V	20	3500	-1.18	0.000	±2.5
115%	DC 4.14V	20	3500	-1.02	0.000	±2.5
97%	DC 3.49V	20	3500	-1.04	0.000	±2.5

DC Current

DC Current (A)	Link	0.43 A	IDLE	0.13 A
----------------	------	--------	------	--------

A2.2 LTE Band 43

Test Site	SR3	Test Engineer	Wen Lee
Test Date	12/25/2024	Test Band	Band 43 (3.7G~3.8G) 20M

Temperature vs. Frequency Stability						
Voltage	Power	Temp	Declared Frequency	Measured Frequency	Frequency Tolerance	Limit
(%)	(VAC)	(°C)	(MHz)	(Hz)	(ppm)	(ppm)
100%	DC 3.6V	-30	3750	1.67	0.000	±2.5
		-20	3750	-1.67	0.000	±2.5
		-10	3750	-1.46	0.000	±2.5
		0	3750	-2.12	-0.001	±2.5
		10	3750	-1.17	0.000	±2.5
		+ 20 (Ref)	3750	-2.64	-0.001	±2.5
		30	3750	-1.75	0.000	±2.5
		40	3750	-2.46	-0.001	±2.5
		50	3750	-3.81	-0.001	±2.5
Voltage vs. Frequency Stability						
Voltage	Power	Temp	Declared Frequency	Measured Frequency	Frequency Tolerance	Limit
(%)	(VAC)	(°C)	(MHz)	(Hz)	(ppm)	(ppm)
100%	DC 3.6V	20	3750	-2.64	-0.001	±2.5
115%	DC 4.14V	20	3750	-3.64	-0.001	±2.5
97%	DC 3.49V	20	3750	-1.74	0.000	±2.5

DC Current

DC Current (A)	Link	0.31 A	IDLE	0.13 A
----------------	------	--------	------	--------

A2.3 NR n77_3450-3550MHz (Cover n78_3450-3550MHz)

Test Site	SR3	Test Engineer	Wen Lee
Test Date	12/25/2024	Test Band	NR n77 (3.45G~3.55G) 100M

Temperature vs. Frequency Stability						
Voltage	Power	Temp	Declared Frequency	Measured Frequency	Frequency Tolerance	Limit
(%)	(VAC)	(°C)	(MHz)	(Hz)	(ppm)	(ppm)
100%	DC 3.6V	-30	3500.01	1.82	0.001	±2.5
		-20	3500.01	-2.02	-0.001	±2.5
		-10	3500.01	-5.15	-0.001	±2.5
		0	3500.01	-2.15	-0.001	±2.5
		10	3500.01	-2.39	-0.001	±2.5
		+ 20 (Ref)	3500.01	-1.63	0.000	±2.5
		30	3500.01	-2.65	-0.001	±2.5
		40	3500.01	-3.07	-0.001	±2.5
		50	3500.01	-3.20	-0.001	±2.5
Voltage vs. Frequency Stability						
Voltage	Power	Temp	Declared Frequency	Measured Frequency	Frequency Tolerance	Limit
(%)	(VAC)	(°C)	(MHz)	(Hz)	(ppm)	(ppm)
100%	DC 3.6V	20	3500.01	-1.63	0.000	±2.5
115%	DC 4.14V	20	3500.01	-0.8199	0.000	±2.5
97%	DC 3.49V	20	3500.01	-1.86	-0.001	±2.5

DC Current

DC Current (A)	Link	0.48 A	IDLE	0.11 A
----------------	------	--------	------	--------

A2.4 NR n77_3700-3980MHz (Cover n78_3700-3800MHz)

Test Site	SR3	Test Engineer	Wen Lee
Test Date	12/25/2024	Test Band	NR n77 (3.7G~3.98G) 100M

Temperature vs. Frequency Stability						
Voltage	Power	Temp	Declared Frequency	Measured Frequency	Frequency Tolerance	Limit
(%)	(VAC)	(°C)	(MHz)	(Hz)	(ppm)	(ppm)
100%	DC 3.6V	-30	3840	-1.89	0.000	±2.5
		-20	3840	-5.21	-0.001	±2.5
		-10	3840	-5.89	-0.002	±2.5
		0	3840	-3.95	-0.001	±2.5
		10	3840	-2.16	-0.001	±2.5
		+ 20 (Ref)	3840	-2.76	-0.001	±2.5
		30	3840	-3.79	-0.001	±2.5
		40	3840	-6.95	-0.002	±2.5
		50	3840	-6.09	-0.002	±2.5
Voltage vs. Frequency Stability						
Voltage	Power	Temp	Declared Frequency	Measured Frequency	Frequency Tolerance	Limit
(%)	(VAC)	(°C)	(MHz)	(Hz)	(ppm)	(ppm)
100%	DC 3.6V	20	3840	-2.76	-0.001	±2.5
115%	DC 4.14V	20	3840	-6.31	-0.002	±2.5
97%	DC 3.49V	20	3840	-3.36	-0.001	±2.5

DC Current

DC Current (A)	Link	0.49 A	IDLE	0.14 A
----------------	------	--------	------	--------

A3. Transmitter Output Power Test Result

A3.1 LTE Band 42

LTE Band42(3.45G~3.55G)			Maximum Conducted Output Power (Channel / Frequency (MHz))											
Modulation	Bandwidth		5MHz			10MHz			15MHz			20MHz		
	RB	RB	42115	42590	43065	42140	42590	43040	42165	42590	43015	42190	42590	42990
	No.	Offset	3452.5	3500	3547.5	3455	3500	3545	3457.5	3500	3542.5	3460	3500	3540
QPSK	1	#0	26.86	26.74	26.33	26.77	26.82	26.24	26.39	26.11	26.25	26.47	26.20	26.29
	1	#Mid	26.80	26.33	26.27	26.79	26.71	26.12	25.94	26.33	26.31	26.55	26.11	26.23
	1	#High	26.78	26.27	26.53	26.65	26.50	26.58	26.25	25.95	26.54	26.42	26.03	26.32
	50%	#0	25.54	25.26	25.30	25.75	25.21	25.41	25.38	25.25	25.39	25.35	25.18	25.33
	50%	#Mid	25.50	25.39	25.45	25.56	25.29	25.40	25.42	25.09	25.18	25.56	25.40	25.29
	50%	#High	25.52	25.39	25.42	25.45	25.41	25.50	25.57	25.25	25.51	25.29	25.30	25.30
	100%	#0	25.64	25.18	25.34	25.66	25.27	25.49	25.39	25.32	25.18	25.51	25.35	25.23
16QAM	1	#0	25.17	25.28	25.28	25.66	25.38	25.77	25.32	25.37	24.92	25.66	25.11	25.42
	1	#Mid	25.29	24.89	25.61	25.60	25.32	25.19	25.03	25.11	24.88	25.62	25.51	25.81
	1	#High	24.59	25.79	25.18	25.42	25.69	25.05	24.99	25.06	24.95	25.57	24.87	25.24
	50%	#0	24.66	24.31	24.42	24.72	24.30	24.44	24.34	24.15	24.39	24.45	24.16	24.22
	50%	#Mid	24.67	24.52	24.69	24.73	24.29	24.54	24.46	24.08	24.20	24.57	24.15	24.47
	50%	#High	24.66	24.51	24.36	24.77	24.32	24.63	24.61	24.14	24.30	24.57	24.32	24.62
	100%	#0	24.53	24.16	24.55	24.65	24.42	24.56	24.62	24.20	24.40	24.55	24.26	24.10
64QAM	1	#0	25.14	24.43	24.22	25.03	24.63	24.73	24.33	24.10	24.23	24.52	24.46	24.42
	1	#Mid	24.72	24.35	24.42	24.55	24.86	24.57	24.19	24.79	24.16	24.59	24.12	24.12
	1	#High	24.50	24.24	24.85	24.90	24.83	24.52	24.66	24.32	24.83	24.54	24.31	24.66
	50%	#0	23.55	23.29	23.35	23.32	23.12	23.55	23.32	23.10	23.50	23.32	23.11	23.34
	50%	#Mid	23.46	23.45	23.33	23.55	23.64	23.34	23.57	23.08	23.43	23.48	23.17	23.32
	50%	#High	23.81	23.39	23.82	23.60	23.10	23.47	23.25	23.15	23.28	23.60	23.13	23.35
	100%	#0	23.56	23.41	23.64	23.69	23.19	23.42	23.64	23.31	23.40	23.21	23.17	23.28
256QAM	1	#0	21.25	21.55	21.64	22.29	21.16	21.36	21.46	20.11	21.42	21.69	21.26	21.52
	1	#Mid	22.10	21.49	21.68	21.38	21.15	21.45	21.98	20.89	21.11	21.40	21.54	21.18
	1	#High	21.65	21.16	21.81	21.83	21.94	21.39	21.92	20.93	21.23	21.34	21.48	21.51
	50%	#0	21.68	21.40	21.58	21.73	21.16	21.51	21.63	21.34	21.37	21.47	21.29	21.42
	50%	#Mid	21.58	21.64	21.54	21.74	21.46	21.54	21.56	21.42	21.42	21.52	21.39	21.44
	50%	#High	21.59	21.16	21.53	21.57	21.36	21.53	21.55	21.28	21.44	21.47	21.25	21.51
	100%	#0	21.73	21.40	21.58	21.64	21.49	21.48	21.45	21.24	21.32	21.60	21.27	21.38

A3.2 LTE Band 43

LTE Band43 (3.7G~3.8G)			Maximum Conducted Output Power (Channel / Frequency (MHz))											
Modulation	Bandwidth		5MHz			10MHz			15MHz			20MHz		
	RB	RB	44615	45090	45565	44640	45090	45540	44665	45090	45515	44690	45090	45490
	No.	Offset	3702.5	3750	3797.5	3705	3750	3795	3707.5	3750	3792.5	3710	3750	3790
QPSK	1	#0	23.24	23.37	23.64	23.11	23.27	23.97	23.17	23.36	23.32	23.22	23.17	23.54
	1	#Mid	23.17	23.64	23.82	23.72	23.65	23.77	22.96	23.39	23.22	23.12	23.06	23.51
	1	#High	23.21	23.62	23.24	23.45	23.71	23.99	23.22	23.47	23.31	23.38	23.16	23.38
	50%	#0	22.35	22.45	22.56	22.31	22.39	22.51	22.25	22.23	22.41	22.22	22.26	22.53
	50%	#Mid	22.46	22.44	22.57	22.45	22.53	22.58	22.27	22.35	22.47	22.31	22.32	22.41
	50%	#High	22.27	22.41	22.56	22.33	22.51	22.61	22.25	22.33	22.56	22.29	22.41	22.51
	100%	#0	22.36	22.39	22.69	22.30	22.52	22.57	22.21	22.22	22.43	22.30	22.34	22.42
16QAM	1	#0	22.57	22.51	22.64	22.49	22.89	21.87	22.04	22.43	22.32	22.56	22.15	22.60
	1	#Mid	22.40	23.08	22.84	22.66	22.22	22.26	22.07	22.36	22.14	22.26	22.07	22.66
	1	#High	21.85	22.82	23.25	22.22	22.02	22.88	22.00	22.41	22.01	22.26	22.09	22.17
	50%	#0	21.32	21.42	21.32	21.34	21.57	21.62	21.14	21.46	21.29	21.35	21.32	21.32
	50%	#Mid	21.47	21.13	21.72	21.42	21.51	21.47	21.40	21.25	21.49	21.29	21.30	21.38
	50%	#High	21.46	21.32	21.78	21.33	21.42	21.43	21.46	21.37	21.42	21.25	21.43	21.55
	100%	#0	21.27	21.42	21.63	21.34	21.41	21.49	21.36	21.22	21.47	21.33	21.33	21.41
64QAM	1	#0	21.42	21.85	22.09	21.48	21.21	21.76	20.77	21.13	21.06	20.93	21.25	21.63
	1	#Mid	21.58	22.19	21.97	21.57	21.25	21.55	21.77	21.17	20.91	21.33	21.00	21.33
	1	#High	21.51	21.36	21.70	21.45	21.68	21.25	21.51	21.26	21.21	21.53	21.42	21.48
	50%	#0	20.23	20.35	20.55	20.34	20.44	20.67	20.09	20.26	20.44	20.11	20.30	20.45
	50%	#Mid	20.55	20.67	20.85	20.31	20.48	20.66	20.33	20.43	20.53	20.41	20.26	20.39
	50%	#High	20.36	20.52	20.61	20.35	20.46	20.81	20.25	20.40	20.61	20.48	20.54	20.49
	100%	#0	20.45	20.42	20.61	20.24	20.44	20.55	20.30	20.36	20.50	20.29	20.28	20.49
256QAM	1	#0	18.22	18.42	18.47	18.31	18.60	18.43	18.26	17.98	18.08	18.49	18.19	18.17
	1	#Mid	18.57	18.33	18.41	18.42	18.36	18.39	18.62	18.17	18.86	18.17	18.40	18.72
	1	#High	18.47	18.43	18.50	18.28	18.64	18.18	18.45	18.25	18.52	18.43	18.85	19.28
	50%	#0	18.35	18.42	18.52	18.42	18.55	18.62	18.31	18.31	18.51	18.30	18.42	18.42
	50%	#Mid	18.49	18.53	18.65	18.62	18.56	18.61	18.29	18.39	18.53	18.29	18.37	18.49
	50%	#High	18.32	18.49	18.76	18.47	18.49	18.66	18.33	18.52	18.55	18.37	18.45	18.53
	100%	#0	18.35	18.63	18.61	18.40	18.60	18.64	18.26	18.26	18.57	18.23	18.27	18.46

A3.5 NR n77_3450-3550MHz (Cover n78_3450-3550MHz)

NR N77 (3.45G~3.55G)		Maximum Conducted Output Power (Channel / Frequency (MHz))																	
SCS 30kHz	Modulation	DFT_BPSK			DFT_QPSK			DFT_16QAM			DFT_64QAM			DFT_256QAM			CP_QPSK		
Bandwidth	RB Allocation	630334	633334	636332	630334	633334	636332	630334	633334	636332	630334	633334	636332	630334	633334	636332	630334	633334	636332
	No. @ Offset	3455.01	3500.01	3544.98	3455.01	3500.01	3544.98	3455.01	3500.01	3544.98	3455.01	3500.01	3544.98	3455.01	3500.01	3544.98	3455.01	3500.01	3544.98
10MHz	1@0	23.42	23.38	23.14	23.90	23.75	23.20	23.51	23.50	23.37	23.68	23.36	23.50	22.02	22.07	22.04	23.53	23.67	23.76
	1@1	26.98	27.10	26.95	27.05	26.99	26.81	25.94	26.00	25.59	24.29	24.43	24.66	22.31	22.40	22.00	25.27	25.75	25.75
	1@22	27.07	26.93	26.91	27.08	26.96	26.72	26.12	26.11	25.59	24.55	24.47	24.44	21.98	22.08	22.13	25.44	25.64	25.66
	1@23	23.68	23.35	23.23	23.48	23.36	23.10	23.56	23.37	23.45	23.49	23.53	23.48	21.90	22.21	22.06	23.33	23.45	23.56
	12@6	27.04	26.96	26.72	27.15	26.88	26.80	26.06	26.04	26.03	24.80	24.48	24.41	22.51	22.75	22.27	25.83	25.40	25.45
	24@0	26.71	26.51	26.27	26.02	25.92	25.83	25.35	24.96	25.06	24.56	24.62	24.22	22.83	22.30	22.32	23.88	24.18	23.78
Bandwidth	RB Allocation	630500	633334	636166	630500	633334	636166	630500	633334	636166	630500	633334	636166	630500	633334	636166	630500	633334	636166
	No. @ Offset	3457.5	3500.01	3542.49	3457.5	3500.01	3542.49	3457.5	3500.01	3542.49	3457.5	3500.01	3542.49	3457.5	3500.01	3542.49	3457.5	3500.01	3542.49
15MHz	1@0	23.59	23.40	23.07	23.38	23.51	23.31	23.65	23.98	23.52	23.67	23.61	23.78	22.43	22.46	22.60	23.84	24.05	23.67
	1@1	27.08	27.11	26.72	26.95	27.07	26.87	26.32	26.18	25.98	24.71	24.44	24.72	22.56	22.45	22.39	26.11	26.28	25.45
	1@36	27.18	27.22	26.79	26.90	27.03	26.87	26.25	26.40	26.18	24.57	24.45	24.52	22.41	22.35	22.29	26.10	25.77	25.51
	1@37	23.42	23.46	23.49	23.29	23.45	23.39	23.69	23.65	23.51	23.60	23.31	23.76	22.33	22.39	22.32	23.63	23.88	23.33
	18@9	27.14	27.04	26.93	27.22	27.02	26.90	26.12	26.14	25.83	24.83	24.50	24.50	22.52	22.34	22.33	25.68	25.64	25.40
	36@0	26.57	26.60	26.57	26.19	26.19	26.00	25.20	25.15	24.86	24.70	24.95	24.38	22.76	22.79	22.39	24.19	24.24	23.92
Bandwidth	RB Allocation	630668	633334	636000	630668	633334	636000	630668	633334	636000	630668	633334	636000	630668	633334	636000	630668	633334	636000
	No. @ Offset	3460.02	3500.01	3540	3460.02	3500.01	3540	3460.02	3500.01	3540	3460.02	3500.01	3540	3460.02	3500.01	3540	3460.02	3500.01	3540
20MHz	1@0	23.68	23.65	23.18	23.57	23.46	23.58	23.64	23.62	23.09	23.62	23.47	23.09	22.64	22.39	22.38	23.52	23.62	23.40
	1@1	26.97	26.92	26.75	27.11	26.95	26.85	26.28	25.85	25.91	24.57	24.46	24.72	22.63	22.69	22.36	25.49	25.42	25.41
	1@49	27.16	26.97	26.80	27.16	27.04	26.68	26.17	25.97	25.99	24.67	24.48	24.61	22.61	22.42	22.69	25.61	25.44	25.49
	1@50	23.54	23.45	23.32	23.61	23.43	23.60	23.72	23.41	23.79	23.61	23.36	23.62	22.64	22.43	22.40	23.72	23.46	23.72
	25@12	27.12	26.96	26.91	27.14	27.12	26.90	26.19	25.97	25.95	24.97	24.38	24.43	22.91	22.48	22.34	25.61	25.49	25.59
	50@0	26.62	26.50	26.37	26.26	26.03	25.89	25.36	25.24	24.84	24.57	24.48	24.58	22.87	22.45	22.60	24.24	24.05	23.83

Bandwidth	RB	631000	633334	635666	631000	633334	635666	631000	633334	635666	631000	633334	635666	631000	633334	635666	631000	633334	635666
	Allocation																		
Bandwidth	No. @	3465	3500.01	3534.99	3465	3500.01	3534.99	3465	3500.01	3534.99	3465	3500.01	3534.99	3465	3500.01	3534.99	3465	3500.01	3534.99
	Offset																		
30MHz	1@0	23.89	23.80	23.35	23.90	23.91	23.34	23.82	23.86	23.61	23.70	23.97	23.52	22.46	22.64	22.52	23.63	23.49	23.43
	1@1	27.09	27.02	26.93	27.14	27.23	26.94	26.10	26.11	26.13	24.65	24.71	24.69	22.72	22.80	22.51	25.81	25.73	25.37
	1@76	26.86	26.98	26.95	27.07	26.96	26.79	26.06	25.95	25.92	24.51	24.53	24.55	22.26	22.69	22.12	25.48	25.38	25.23
	1@77	23.29	23.22	23.43	23.82	23.64	23.29	23.74	23.70	23.76	23.43	23.42	23.40	22.27	22.38	22.41	23.47	23.59	23.46
	36@18	27.06	27.11	26.90	27.11	27.17	26.96	26.18	26.25	25.99	24.87	24.61	24.22	22.85	22.46	22.33	25.70	25.54	25.37
	75@0	26.74	26.65	26.48	26.16	26.17	26.10	25.21	25.06	24.88	24.74	24.68	24.35	22.64	22.43	22.26	24.32	24.19	24.06
Bandwidth	RB	631334	633334	635332	631334	633334	635332	631334	633334	635332	631334	633334	635332	631334	633334	635332	631334	633334	635332
	Allocation																		
Bandwidth	No. @	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98
	Offset																		
40MHz	1@0	23.55	23.80	23.55	23.91	23.67	23.83	23.72	24.03	24.04	23.78	23.83	24.05	22.46	22.76	22.19	23.68	23.77	23.64
	1@1	27.25	27.04	27.02	27.11	27.25	27.18	26.01	26.26	26.24	24.74	24.78	24.80	22.51	22.63	22.24	25.57	25.75	25.43
	1@104	27.09	27.02	27.10	26.94	27.06	27.09	25.94	25.91	26.27	24.67	24.92	24.67	22.60	22.36	22.16	25.69	25.67	25.35
	1@105	23.58	23.38	23.87	23.46	23.78	23.72	23.64	23.65	23.74	23.49	23.62	23.69	22.52	22.37	22.15	23.47	23.48	23.48
	50@25	27.10	27.07	26.96	27.11	27.01	27.04	26.14	25.90	25.83	24.80	24.46	24.56	22.83	22.37	22.44	25.60	25.46	25.54
	100@0	26.67	26.70	26.37	26.18	26.01	25.90	25.19	24.98	25.12	24.82	24.48	24.34	22.88	22.45	22.66	24.38	24.20	23.87
Bandwidth	RB	631668	633334	635000	631668	633334	635000	631668	633334	635000	631668	633334	635000	631668	633334	635000	631668	633334	635000
	Allocation																		
Bandwidth	No. @	3475.02	3500.01	3525	3475.02	3500.01	3525	3475.02	3500.01	3525	3475.02	3500.01	3525	3475.02	3500.01	3525	3475.02	3500.01	3525
	Offset																		
50MHz	1@0	23.59	23.65	23.52	23.61	23.45	23.22	23.61	23.96	23.47	23.71	23.66	23.58	22.46	22.45	22.23	23.69	23.54	23.31
	1@1	27.02	26.86	26.74	26.91	26.99	26.89	25.88	25.98	25.98	24.44	24.47	24.60	22.47	22.48	22.24	25.61	25.62	25.42
	1@131	26.75	26.67	26.61	26.62	26.64	26.59	25.92	25.50	25.78	24.19	24.09	24.28	22.15	22.01	22.25	25.29	25.03	25.17
	1@132	23.36	23.24	22.99	23.37	23.04	23.19	23.15	23.03	23.20	23.03	23.28	23.26	22.17	22.03	22.25	23.33	23.13	23.00
	64@32	26.85	26.72	26.86	26.92	26.92	26.93	26.12	25.78	25.63	24.36	24.57	24.09	22.35	22.16	22.39	25.41	25.29	25.14
	128@0	26.28	26.25	26.23	25.78	25.74	25.95	25.05	24.77	24.78	24.41	24.26	24.23	22.64	22.27	22.21	23.87	23.82	23.68

Bandwidth	RB Allocation	632000	633334	634666	632000	633334	634666	632000	633334	634666	632000	633334	634666	632000	633334	634666	632000	633334	634666
	No. @ Offset	3480	3500.01	3519.99	3480	3500.01	3519.99	3480	3500.01	3519.99	3480	3500.01	3519.99	3480	3500.01	3519.99	3480	3500.01	3519.99
60MHz	1@0	23.51	23.28	23.07	23.27	23.66	23.11	23.31	23.39	23.45	23.45	23.42	23.46	22.18	22.65	22.40	23.40	23.41	23.39
	1@1	26.78	27.07	26.76	26.80	27.06	26.71	26.01	25.99	26.02	24.36	24.74	24.47	22.43	22.59	22.24	25.48	25.68	25.39
	1@160	26.91	26.68	26.61	26.65	26.74	26.59	25.58	25.21	25.79	24.08	24.08	24.27	22.18	22.25	22.16	25.32	25.15	25.15
	1@161	23.23	23.03	22.96	22.94	23.01	23.18	23.04	23.37	23.48	23.02	23.06	23.20	21.85	22.24	22.09	23.05	23.24	22.94
	81@40	26.81	26.84	26.96	26.89	26.82	26.96	26.16	26.01	25.81	24.64	24.51	24.28	22.40	22.52	22.23	25.50	25.30	25.36
	162@0	26.51	26.32	26.31	25.88	25.82	25.83	25.14	24.86	24.75	24.37	24.20	24.45	22.34	22.58	22.49	24.04	23.96	23.73
Bandwidth	RB Allocation	632334	633334	634332	632334	633334	634332	632334	633334	634332	632334	633334	634332	632334	633334	634332	632334	633334	634332
	No. @ Offset	3485.01	3500.01	3514.98	3485.01	3500.01	3514.98	3485.01	3500.01	3514.98	3485.01	3500.01	3514.98	3485.01	3500.01	3514.98	3485.01	3500.01	3514.98
70MHz	1@0	23.15	23.28	23.12	23.34	23.45	23.20	23.54	23.74	23.44	23.44	23.47	23.60	22.22	22.32	22.34	23.45	23.30	23.28
	1@1	26.81	26.80	26.71	26.83	26.95	26.72	25.80	25.90	26.15	24.60	24.68	24.50	22.38	22.38	22.43	25.36	25.43	25.32
	1@187	26.56	26.47	26.74	26.40	26.73	26.50	25.56	25.80	25.51	24.19	24.04	24.15	21.76	22.27	21.88	24.87	25.04	24.89
	1@188	23.13	22.94	22.87	22.81	22.93	23.11	22.86	23.05	23.07	22.92	22.98	23.09	21.95	22.12	21.85	23.13	22.94	23.00
	90@45	26.70	26.76	26.75	26.80	26.88	26.84	25.80	25.83	25.69	24.30	24.46	24.42	22.53	22.24	22.06	25.43	25.32	25.24
	180@0	26.25	26.45	26.31	25.76	25.84	25.72	24.82	25.04	24.67	24.53	24.44	24.30	22.23	22.49	22.36	23.81	23.95	23.56
Bandwidth	RB Allocation	632668	633334	634000	632668	633334	634000	632668	633334	634000	632668	633334	634000	632668	633334	634000	632668	633334	634000
	No. @ Offset	3490.02	3500.01	3510	3490.02	3500.01	3510	3490.02	3500.01	3510	3490.02	3500.01	3510	3490.02	3500.01	3510	3490.02	3500.01	3510
80MHz	1@0	23.16	23.20	23.25	23.23	23.35	23.43	23.33	23.62	23.64	23.62	23.38	23.40	22.40	22.59	22.12	23.84	23.36	23.06
	1@1	26.83	26.94	26.80	26.80	26.99	26.76	26.04	25.93	25.93	24.66	24.48	24.71	22.21	22.69	22.45	25.55	25.57	25.34
	1@215	26.62	26.71	26.55	26.48	26.58	26.30	25.75	25.82	25.86	24.28	24.17	24.32	21.84	21.86	21.90	25.15	25.00	24.86
	1@216	23.11	22.95	23.07	23.16	23.08	23.10	22.95	23.04	23.05	22.99	23.19	23.10	21.76	21.80	22.07	23.06	23.21	22.88
	108@54	26.68	26.75	26.74	26.87	26.96	26.85	25.77	25.84	25.71	24.35	24.48	24.22	22.22	22.20	22.42	25.42	25.43	25.17
	216@0	26.26	26.31	26.27	25.75	25.93	25.90	24.79	24.80	24.62	24.58	24.23	24.38	22.22	22.42	22.40	23.84	23.97	23.63

Bandwidth	RB	633000	633334	633666	633000	633334	633666	633000	633334	633666	633000	633334	633666	633000	633334	633666	633000	633334	633666
	Allocation																		
	No. @ Offset	3495	3500.01	3504.99	3495	3500.01	3504.99	3495	3500.01	3504.99	3495	3500.01	3504.99	3495	3500.01	3504.99	3495	3500.01	3504.99
90MHz	1@0	23.20	23.49	23.08	23.30	23.35	23.15	23.60	23.73	23.41	23.13	23.57	23.59	22.35	22.54	22.15	23.14	23.38	22.98
	1@1	27.05	26.84	27.05	26.97	27.08	26.85	25.80	26.14	26.19	24.33	24.43	24.55	22.50	22.35	22.29	25.36	25.57	25.45
	1@243	26.80	26.70	26.54	26.61	26.74	26.52	25.62	25.60	25.88	23.75	24.20	24.19	21.77	22.24	21.97	25.15	25.29	25.00
	1@244	22.97	23.18	22.90	22.92	23.30	22.83	22.90	22.98	23.44	22.79	23.26	23.12	21.88	21.82	21.88	22.86	22.99	23.07
	120@60	26.90	26.96	26.86	26.99	26.96	26.74	25.97	25.80	25.69	24.32	24.19	24.30	22.48	22.51	22.11	25.28	25.57	25.21
	240@0	26.32	26.30	26.41	25.96	26.02	25.91	24.74	24.75	24.64	24.46	24.54	24.08	22.54	22.08	22.13	23.90	23.71	23.72
Bandwidth	RB	--	633334	--	--	633334	--	--	633334	--	--	633334	--	--	633334	--	--	633334	--
	Allocation																		
	No. @ Offset	--	3500.01	--	--	3500.01	--	--	3500.01	--	--	3500.01	--	--	3500.01	--	--	3500.01	--
100MHz	1@0	--	23.11	--	--	23.28	--	--	23.60	--	--	23.42	--	--	22.05	--	--	23.14	--
	1@1	--	26.85	--	--	27.01	--	--	26.09	--	--	24.65	--	--	22.10	--	--	25.34	--
	1@271	--	26.47	--	--	26.57	--	--	25.45	--	--	24.28	--	--	22.19	--	--	25.03	--
	1@272	--	23.11	--	--	22.86	--	--	23.18	--	--	23.04	--	--	21.91	--	--	22.85	--
	135@67	--	26.99	--	--	26.90	--	--	25.74	--	--	24.28	--	--	22.52	--	--	25.42	--
	270@0	--	26.32	--	--	25.85	--	--	24.99	--	--	24.26	--	--	22.52	--	--	23.95	--

A3.6 NR n77_ 3700-3980MHz (Cover n78_ 3700-3800MHz)

NR N77 (3.7G~3.98G)		Maximum Conducted Output Power (Channel / Frequency (MHz))																	
SCS 30kHz	Modulation	DFT_BPSK			DFT_QPSK			DFT_16QAM			DFT_64QAM			DFT_256QAM			CP_QPSK		
Bandwidth	RB Allocation	647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
	No. @ Offset	3705	3840	3975	3705	3840	3975	3705	3840	3975	3705	3840	3975	3705	3840	3975	3705	3840	3975
10MHz	1@0	23.09	23.39	22.60	23.35	23.35	22.56	23.19	23.48	22.51	23.13	23.34	22.77	21.54	21.96	21.52	23.07	23.67	23.11
	1@1	26.63	26.99	26.21	26.75	26.91	26.13	25.66	26.05	24.97	24.09	24.35	23.78	21.74	22.14	21.47	24.92	25.56	25.01
	1@22	26.85	26.92	26.18	26.82	26.90	25.93	25.67	25.94	24.92	23.95	24.48	23.98	21.81	22.05	21.40	25.07	25.40	25.09
	1@23	23.21	23.50	22.75	23.21	23.33	22.52	23.12	23.59	22.51	22.82	23.31	22.90	21.67	21.99	21.39	22.77	23.46	22.87
	12@6	26.85	27.00	26.26	26.71	27.02	26.16	25.69	26.06	25.18	24.19	24.52	23.71	22.43	22.59	21.64	25.32	25.44	24.77
	24@0	26.23	26.46	25.72	25.76	25.96	25.11	24.84	25.00	24.23	24.29	24.58	23.60	22.34	22.46	21.68	23.73	24.15	23.07
Bandwidth	RB Allocation	647168	656000	664832	647168	656000	664832	647168	656000	664832	647168	656000	664832	647168	656000	664832	647168	656000	664832
	No. @ Offset	3707.52	3840	3972.48	3707.52	3840	3972.48	3707.52	3840	3972.48	3707.52	3840	3972.48	3707.52	3840	3972.48	3707.52	3840	3972.48
15MHz	1@0	23.32	23.40	22.53	23.08	23.36	22.58	23.15	23.54	22.84	23.29	23.35	23.01	21.88	22.32	21.83	23.27	23.84	23.02
	1@1	26.53	26.99	26.19	26.41	26.90	26.06	25.68	26.19	25.43	24.19	24.29	24.13	21.98	22.27	21.80	25.48	26.10	24.85
	1@36	26.70	27.13	26.10	26.68	26.96	25.96	26.04	26.08	25.38	24.42	24.38	23.95	21.99	22.47	21.79	25.52	25.79	24.80
	1@37	23.31	23.48	22.45	23.04	23.59	22.35	23.45	23.65	22.85	23.44	23.31	22.85	22.22	22.59	21.71	23.15	23.94	22.72
	18@9	26.78	27.16	26.34	26.75	27.08	26.40	25.87	26.08	25.23	24.24	24.36	23.83	22.26	22.54	21.88	25.27	25.49	24.89
	36@0	26.24	26.57	25.72	25.85	25.96	25.40	24.83	25.08	24.27	24.23	24.72	23.82	22.46	22.46	22.05	23.85	23.92	23.40
Bandwidth	RB Allocation	647334	656000	664666	647334	656000	664666	647334	656000	664666	647334	656000	664666	647334	656000	664666	647334	656000	664666
	No. @ Offset	3710.01	3840	3969.99	3710.01	3840	3969.99	3710.01	3840	3969.99	3710.01	3840	3969.99	3710.01	3840	3969.99	3710.01	3840	3969.99
20MHz	1@0	23.17	23.54	22.74	23.21	23.46	22.61	23.51	23.28	22.76	23.13	23.45	22.95	22.01	22.40	21.91	23.16	23.64	22.80
	1@1	26.72	26.86	26.34	26.73	27.01	26.18	25.96	25.86	25.48	24.35	24.44	24.04	22.00	22.39	21.90	25.14	25.51	24.70
	1@49	26.87	27.05	26.05	26.82	26.88	26.03	25.87	25.86	25.28	24.25	24.61	23.87	22.08	22.42	21.75	25.40	25.52	24.80
	1@50	23.20	23.32	22.80	23.27	23.35	22.69	23.47	23.50	22.77	23.46	23.43	23.09	22.20	22.45	21.78	23.24	23.42	22.80
	25@12	26.85	27.20	26.20	26.90	27.00	26.36	25.91	26.20	25.42	24.37	24.58	23.91	22.22	22.52	21.97	25.34	25.57	24.87
	50@0	26.24	26.47	25.69	25.76	25.91	25.23	24.75	25.00	24.28	24.37	24.47	23.74	22.24	22.52	21.88	23.93	23.93	23.25

Bandwidth	RB Allocation	647668	656000	664332	647668	656000	664332	647668	656000	664332	647668	656000	664332	647668	656000	664332	647668	656000	664332
	No. @ Offset	3715.02	3840	3964.98	3715.02	3840	3964.98	3715.02	3840	3964.98	3715.02	3840	3964.98	3715.02	3840	3964.98	3715.02	3840	3964.98
30MHz	1@0	23.09	23.42	22.84	23.26	23.37	23.04	23.39	23.52	23.05	23.19	23.47	23.02	21.94	22.44	21.78	23.05	23.12	22.93
	1@1	26.64	26.93	26.40	26.65	26.98	26.36	25.66	25.83	25.59	24.14	24.56	24.12	22.17	22.33	22.00	25.21	25.36	24.77
	1@76	26.88	27.19	26.39	26.96	27.05	26.14	25.99	26.06	25.41	24.38	24.64	23.78	22.14	22.71	21.58	25.32	25.65	24.69
	1@77	23.63	23.44	22.68	23.54	23.45	22.67	23.29	23.52	22.91	23.28	23.67	22.84	22.03	22.71	21.56	23.45	23.75	22.74
	36@18	26.85	27.08	26.32	26.82	27.08	26.34	25.91	26.00	25.42	24.37	24.66	23.91	22.27	22.43	21.72	25.38	25.62	24.77
	75@0	26.54	26.59	25.71	25.94	26.01	25.24	25.01	24.95	24.46	24.43	24.75	23.96	22.25	22.65	21.96	23.80	24.03	23.25
Bandwidth	RB Allocation	648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
	No. @ Offset	3720	3840	3960	3720	3840	3960	3720	3840	3960	3720	3840	3960	3720	3840	3960	3720	3840	3960
40MHz	1@0	23.23	23.38	23.08	23.51	23.75	23.16	23.38	23.58	23.14	23.32	23.64	23.38	22.16	22.65	21.86	23.28	23.61	22.95
	1@1	27.14	26.91	26.55	26.94	27.08	26.62	25.87	26.14	25.77	24.38	24.69	24.39	22.25	22.44	21.76	25.55	25.69	25.00
	1@104	27.06	27.09	26.32	27.00	27.17	26.56	25.94	26.26	25.64	24.45	24.66	24.03	22.19	22.73	21.63	25.57	25.66	24.86
	1@105	23.50	23.74	22.82	23.51	23.74	22.99	23.60	23.70	23.20	23.66	23.92	23.10	22.18	22.51	21.64	23.24	23.56	22.89
	50@25	26.85	27.03	26.33	26.88	27.02	26.46	25.90	25.96	25.31	24.47	24.57	24.00	22.30	22.35	21.91	25.43	25.54	24.99
	100@0	26.40	26.51	25.78	26.02	25.96	25.42	24.92	25.01	24.35	24.24	24.54	23.81	22.22	22.65	22.04	23.86	24.13	23.33
Bandwidth	RB Allocation	648334	656000	663666	648334	656000	663666	648334	656000	663666	648334	656000	663666	648334	656000	663666	648334	656000	663666
	No. @ Offset	3725.01	3840	3954.99	3725.01	3840	3954.99	3725.01	3840	3954.99	3725.01	3840	3954.99	3725.01	3840	3954.99	3725.01	3840	3954.99
50MHz	1@0	22.92	23.32	22.69	22.96	23.43	22.74	22.96	23.34	22.79	23.23	23.29	22.88	21.83	22.06	21.75	22.94	23.51	22.78
	1@1	26.67	26.80	26.39	26.75	26.83	26.28	25.46	25.68	25.48	24.07	24.29	24.08	21.74	22.06	21.76	25.15	25.53	24.90
	1@131	26.69	26.94	26.00	26.68	26.98	25.97	25.54	25.59	25.23	23.95	24.52	24.01	21.88	22.55	21.53	24.90	25.56	24.62
	1@132	23.34	23.47	22.44	23.37	23.53	22.41	23.16	23.39	22.88	23.12	23.57	22.94	21.90	22.43	21.73	23.14	23.58	22.53
	64@32	26.71	26.87	26.13	26.76	26.91	26.18	25.74	25.88	25.15	24.13	24.36	23.64	22.35	22.31	21.79	25.33	25.49	24.62
	128@0	26.20	26.35	25.71	25.72	25.98	25.06	24.89	24.80	24.10	24.16	24.43	23.62	22.10	22.47	21.55	23.90	23.90	23.08

Bandwidth	RB Allocation	648668	656000	663332	648668	656000	663332	648668	656000	663332	648668	656000	663332	648668	656000	663332	648668	656000	663332
	No. @ Offset	3730.02	3840	3949.98	3730.02	3840	3949.98	3730.02	3840	3949.98	3730.02	3840	3949.98	3730.02	3840	3949.98	3730.02	3840	3949.98
60MHz	1@0	22.81	23.08	23.30	23.17	23.19	23.11	23.16	23.11	23.56	22.95	23.14	23.40	21.74	22.01	22.23	22.78	23.28	23.27
	1@1	26.56	26.69	26.83	26.58	26.71	26.83	25.33	25.65	25.98	24.07	24.26	24.41	22.00	22.05	22.17	25.15	25.28	25.51
	1@160	26.62	26.91	26.55	26.56	26.92	26.56	25.34	25.93	25.84	24.20	24.45	24.39	21.83	22.27	22.07	25.21	25.41	25.00
	1@161	23.04	23.23	23.00	23.29	23.30	23.02	23.25	23.23	23.42	23.01	23.39	23.46	21.81	22.26	22.04	22.98	23.47	23.16
	81@40	26.77	26.88	26.84	26.74	26.91	26.89	25.75	25.88	25.89	24.15	24.42	24.27	22.38	22.30	22.28	25.25	25.34	25.40
	162@0	26.41	26.29	26.34	25.71	25.82	25.77	24.75	24.83	24.80	24.41	24.49	24.46	22.42	22.50	22.38	23.66	23.87	23.79
Bandwidth	RB Allocation	649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
	No. @ Offset	3735	3840	3945	3735	3840	3945	3735	3840	3945	3735	3840	3945	3735	3840	3945	3735	3840	3945
70MHz	1@0	22.81	23.20	23.45	22.88	23.01	23.45	23.05	23.27	23.50	22.88	23.17	23.59	21.61	22.34	22.31	23.09	23.30	23.33
	1@1	26.55	26.60	26.88	26.34	26.79	26.97	25.33	25.58	26.05	23.88	24.18	24.74	21.66	22.00	22.54	24.89	25.20	25.52
	1@187	26.59	26.81	26.43	26.45	26.92	26.46	25.41	25.74	25.67	24.00	24.44	24.30	21.71	22.31	21.97	25.03	25.70	25.00
	1@188	23.02	23.24	23.00	23.05	23.32	22.90	22.92	23.14	23.11	22.81	23.27	23.14	21.68	22.32	21.96	22.78	23.33	23.00
	90@45	26.92	26.90	26.84	26.72	26.81	26.83	25.59	25.83	25.75	24.36	24.29	24.22	22.42	22.39	22.30	25.22	25.36	25.39
	180@0	26.40	26.34	26.35	25.61	25.79	25.79	24.79	24.84	24.74	24.10	24.24	24.24	22.31	22.29	22.24	23.67	23.82	23.79
Bandwidth	RB Allocation	649334	656000	662666	649334	656000	662666	649334	656000	662666	649334	656000	662666	649334	656000	662666	649334	656000	662666
	No. @ Offset	3740.01	3840	3939.99	3740.01	3840	3939.99	3740.01	3840	3939.99	3740.01	3840	3939.99	3740.01	3840	3939.99	3740.01	3840	3939.99
80MHz	1@0	22.73	22.98	23.52	22.89	22.93	23.32	23.06	23.15	23.51	22.89	23.08	23.65	21.64	22.24	22.34	22.76	23.34	23.38
	1@1	26.58	26.55	26.97	26.35	26.67	26.96	25.29	25.55	26.13	23.82	24.22	24.66	21.63	22.05	22.40	24.95	25.28	25.68
	1@215	26.37	26.82	26.42	26.64	26.75	26.47	25.24	25.76	25.64	24.10	24.48	24.30	21.85	22.29	22.20	24.95	25.36	25.12
	1@216	22.75	23.24	22.89	22.91	23.31	22.89	22.82	23.13	23.04	23.14	23.30	23.19	21.87	22.24	22.05	22.90	23.47	22.93
	108@54	26.90	26.82	26.86	26.78	26.78	26.88	25.74	25.95	25.85	24.27	24.32	24.46	22.49	22.39	22.40	25.31	25.34	25.40
	216@0	26.22	26.24	26.27	25.50	25.79	25.74	24.66	24.83	24.80	24.36	24.28	24.29	22.13	22.25	22.25	23.86	23.85	23.83

Bandwidth	RB	649668	656000	662332	649668	656000	662332	649668	656000	662332	649668	656000	662332	649668	656000	662332	649668	656000	662332
	Allocation																		
	No. @ Offset	3745.02	3840	3934.98	3745.02	3840	3934.98	3745.02	3840	3934.98	3745.02	3840	3934.98	3745.02	3840	3934.98	3745.02	3840	3934.98
90MHz	1@0	22.68	22.90	23.28	22.96	23.06	23.20	22.70	23.03	23.60	22.79	23.12	23.51	21.73	21.96	22.41	22.70	23.32	23.35
	1@1	26.51	26.75	26.91	26.37	26.76	26.99	25.30	25.66	26.18	24.14	24.23	24.66	21.65	22.09	22.38	25.16	25.25	25.54
	1@243	26.48	27.01	26.62	26.47	26.95	26.62	25.24	25.94	25.90	23.89	24.46	24.30	21.64	22.55	22.11	24.92	25.42	25.10
	1@244	22.73	23.25	22.92	22.75	23.31	23.04	22.70	23.24	23.22	22.76	23.40	23.23	21.64	22.41	21.99	22.72	23.43	23.12
	120@60	26.74	26.93	26.88	26.89	26.98	26.89	25.74	25.81	25.80	24.22	24.38	24.35	22.21	22.38	22.43	25.34	25.46	25.41
	240@0	26.34	26.34	26.28	25.67	25.79	25.85	24.51	24.80	24.99	24.30	24.27	24.34	22.01	22.25	22.47	23.61	23.82	23.82
Bandwidth	RB	650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000
	Allocation																		
	No. @ Offset	3750	3840	3930	3750	3840	3930	3750	3840	3930	3750	3840	3930	3750	3840	3930	3750	3840	3930
100MHz	1@0	22.50	23.03	23.17	22.68	23.11	23.29	22.66	22.89	23.18	22.83	22.93	23.48	21.43	22.07	22.18	22.64	23.05	23.21
	1@1	26.51	26.62	26.85	26.42	26.70	26.86	25.19	25.72	25.93	23.82	24.30	24.63	21.85	22.10	22.30	24.86	25.28	25.42
	1@271	26.39	26.82	26.57	26.32	26.86	26.54	25.13	25.99	25.76	23.84	24.39	24.34	21.79	22.39	22.05	24.86	25.47	25.13
	1@272	22.57	23.29	22.88	22.61	23.24	22.99	22.80	23.31	23.21	22.63	23.43	23.21	21.58	22.19	22.08	22.62	23.28	22.92
	135@67	26.87	26.80	26.97	26.74	26.83	26.96	25.73	25.93	26.01	24.40	24.29	24.39	22.47	22.33	22.44	25.26	25.45	25.37
	270@0	26.11	26.34	26.28	25.84	25.80	25.83	24.67	24.94	24.98	24.16	24.43	24.34	22.15	22.27	22.37	23.82	23.93	23.94

A3.8 NR n77_MIMO_3450-3550MHz (Cover n78_3450-3550MHz)

N77 (3.45G-3.55)		30kHz		Maximum Conducted Output Power (dBm)																	
RB Allocation		No. @ Offset		1@0			1@1			1@22			1@23			12@6			24@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
10MHz	CP_QPSK	630334	3455.01	20.62	20.78	23.71	22.60	22.99	25.81	22.58	22.99	25.80	20.46	20.68	23.58	22.56	22.57	25.58	20.90	20.94	23.93
		633334	3500.01	20.88	20.29	23.61	22.77	22.30	25.55	22.70	22.37	25.55	20.80	20.31	23.57	22.77	22.53	25.66	21.18	20.98	24.09
		636332	3544.98	20.36	20.30	23.34	22.23	22.22	25.23	22.12	22.21	25.18	20.13	20.23	23.19	22.21	22.39	25.31	20.70	20.83	23.77
	CP_16QAM	630334	3455.01	20.19	20.39	23.30	21.57	22.04	24.82	21.83	22.05	24.95	20.05	20.40	23.24	22.08	22.21	25.15	20.87	21.08	23.99
		633334	3500.01	20.27	20.84	23.58	21.71	22.35	25.05	21.55	22.32	24.96	20.15	20.80	23.50	22.37	21.90	25.15	21.29	20.81	24.07
		636332	3544.98	20.41	20.40	23.41	21.83	21.75	24.80	21.71	21.89	24.81	20.14	20.35	23.25	21.85	22.01	24.94	20.63	20.85	23.75
	CP_64QAM	630334	3455.01	20.25	20.58	23.43	20.15	20.75	23.47	20.40	20.86	23.64	20.23	20.63	23.44	20.44	20.48	23.47	20.37	20.53	23.46
		633334	3500.01	20.43	20.10	23.28	20.37	20.21	23.30	20.14	20.17	23.17	20.24	20.07	23.16	20.72	20.49	23.62	20.77	20.39	23.60
		636332	3544.98	20.39	21.26	23.86	20.29	21.17	23.76	20.12	21.20	23.70	20.05	21.28	23.72	20.04	20.35	23.21	20.20	20.33	23.28
	CP_256QAM	630334	3455.01	17.52	17.75	20.65	17.35	17.80	20.59	17.59	17.85	20.73	17.45	17.71	20.59	17.58	17.46	20.53	17.38	17.45	20.43
		633334	3500.01	17.68	17.33	20.51	17.62	17.47	20.56	17.41	17.32	20.37	17.53	17.25	20.40	17.72	17.20	20.48	17.69	17.45	20.58
		636332	3544.98	17.14	17.51	20.34	17.04	17.49	20.28	16.90	17.45	20.19	16.82	17.54	20.21	17.08	17.54	20.33	17.23	17.39	20.32
RB Allocation		No. @ Offset		1@0			1@1			1@36			1@37			19@9			38@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
15MHz	CP_QPSK	630500	3457.5	20.24	20.26	23.26	22.37	22.45	25.42	22.42	22.34	25.39	20.26	20.06	23.17	22.37	22.59	25.49	20.98	21.03	24.02
		633334	3500.01	20.93	20.38	23.67	23.15	22.63	25.91	22.71	22.05	25.40	20.69	20.15	23.44	22.72	22.31	25.53	21.24	20.93	24.10
		636166	3542.49	20.06	20.56	23.33	21.76	22.24	25.02	21.83	22.50	25.19	19.68	20.33	23.03	22.23	22.35	25.30	20.82	20.84	23.84
	CP_16QAM	630500	3457.5	19.92	20.59	23.28	21.60	22.15	24.89	21.58	22.15	24.88	19.73	20.38	23.08	21.89	22.08	24.99	21.03	20.96	24.00
		633334	3500.01	20.34	20.99	23.69	22.04	22.77	25.43	21.62	22.42	25.05	20.20	20.99	23.62	22.25	21.94	25.10	21.23	20.95	24.10
		636166	3542.49	20.32	20.14	23.24	21.52	21.37	24.46	21.34	21.29	24.33	19.92	19.77	22.86	21.73	21.67	24.71	20.70	21.03	23.88
	CP_64QAM	630500	3457.5	20.62	20.21	23.43	20.75	20.41	23.59	20.83	20.41	23.64	20.40	19.95	23.19	20.37	20.50	23.44	20.46	20.52	23.50
		633334	3500.01	20.76	20.42	23.61	21.05	20.78	23.93	20.39	20.30	23.35	20.57	20.43	23.51	20.68	20.47	23.59	20.84	20.42	23.64
		636166	3542.49	20.47	20.99	23.75	20.18	20.67	23.44	19.89	20.71	23.33	19.84	20.62	23.26	20.20	20.26	23.24	20.18	20.35	23.28
	CP_256QAM	630500	3457.5	17.72	17.85	20.80	17.87	18.00	20.95	17.98	17.89	20.94	17.59	17.64	20.62	17.49	17.61	20.56	17.53	17.59	20.57
		633334	3500.01	18.14	17.68	20.93	18.36	17.99	21.19	17.91	17.45	20.69	18.00	17.71	20.86	17.74	17.42	20.59	17.89	17.44	20.68
		636166	3542.49	17.18	17.59	20.40	16.88	17.27	20.09	16.71	17.31	20.03	16.80	17.13	19.98	17.20	17.32	20.27	17.27	17.34	20.32

RB Allocation		No. @ Offset		1@0			1@1			1@49			1@50			25@12			51@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
20MHz	CP_QPSK	630668	3460.02	20.24	20.29	23.28	22.26	22.47	25.38	22.49	22.25	25.38	20.55	20.47	23.52	22.43	22.45	25.45	20.94	20.99	23.97
		633334	3500.01	20.87	20.05	23.49	22.79	22.10	25.47	22.70	22.30	25.51	20.70	20.38	23.55	22.71	22.30	25.52	21.24	20.86	24.06
		636000	3540	20.23	20.36	23.31	22.27	22.30	25.29	22.14	22.19	25.17	20.28	20.23	23.27	22.24	22.27	25.26	20.79	20.80	23.81
	CP_16QAM	630668	3460.02	19.89	20.40	23.16	21.41	21.92	24.68	21.73	21.72	24.73	20.12	20.39	23.27	21.85	21.98	24.93	20.85	21.01	23.94
		633334	3500.01	20.29	20.49	23.40	21.64	22.17	24.92	21.72	22.29	25.02	20.10	20.72	23.43	22.23	21.90	25.08	21.26	20.74	24.02
		636000	3540	20.32	20.24	23.29	21.76	21.76	24.77	21.58	21.64	24.62	20.15	20.16	23.17	21.76	21.88	24.83	20.73	20.86	23.81
	CP_64QAM	630668	3460.02	20.18	20.29	23.25	20.18	20.46	23.33	20.63	20.34	23.50	20.42	20.44	23.44	20.36	20.36	23.37	20.41	20.38	23.40
		633334	3500.01	20.54	20.02	23.30	20.36	20.14	23.26	20.36	20.39	23.39	20.36	20.22	23.30	20.74	20.40	23.58	20.82	20.26	23.56
		636000	3540	20.33	20.67	23.51	20.43	20.90	23.68	20.15	20.73	23.46	20.34	20.72	23.54	20.39	20.23	23.32	20.33	20.37	23.36
	CP_256QAM	630668	3460.02	17.59	17.45	20.53	17.55	17.40	20.48	17.93	17.31	20.64	17.73	17.57	20.66	17.37	17.53	20.46	17.31	17.46	20.40
		633334	3500.01	18.04	17.35	20.72	17.84	17.34	20.61	17.86	17.61	20.75	17.88	17.54	20.73	17.84	17.41	20.64	17.81	17.33	20.59
		636000	3540	17.20	17.19	20.21	17.22	17.25	20.24	17.06	17.14	20.11	17.12	17.20	20.17	17.28	17.45	20.37	17.31	17.30	20.31
RB Allocation		No. @ Offset		1@0			1@1			1@76			1@77			39@19			78@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
30MHz	CP_QPSK	631000	3465	20.52	20.35	23.45	22.60	22.54	25.58	22.66	22.27	25.48	20.68	20.25	23.48	22.28	22.31	25.31	20.89	20.83	23.87
		633334	3500.01	20.46	20.00	23.25	22.70	22.12	25.43	22.51	22.26	25.40	20.66	20.40	23.55	22.66	22.41	25.55	21.27	20.92	24.11
		635666	3534.99	20.32	20.23	23.29	22.19	22.16	25.18	22.21	22.57	25.40	20.02	20.21	23.13	22.41	22.20	25.31	20.88	20.87	23.89
	CP_16QAM	631000	3465	20.37	20.25	23.32	21.70	21.91	24.82	22.00	21.76	24.89	20.51	20.19	23.36	22.02	21.77	24.91	20.94	20.83	23.90
		633334	3500.01	20.24	20.41	23.33	22.02	22.03	25.04	21.99	22.25	25.13	20.32	20.70	23.52	22.20	21.83	25.03	21.31	20.89	24.11
		635666	3534.99	20.41	20.41	23.42	21.72	21.68	24.71	21.64	21.91	24.79	20.02	20.21	23.13	21.72	21.73	24.74	20.83	20.90	23.87
	CP_64QAM	631000	3465	20.60	20.28	23.46	20.56	20.65	23.62	20.69	20.40	23.56	20.75	20.39	23.58	20.40	20.23	23.33	20.44	20.38	23.42
		633334	3500.01	20.35	19.87	23.13	20.52	20.01	23.28	20.52	20.18	23.36	20.48	20.14	23.32	20.63	20.41	23.53	20.78	20.42	23.62
		635666	3534.99	20.55	20.71	23.64	20.37	20.66	23.53	20.29	20.97	23.65	20.11	20.80	23.48	20.27	20.37	23.33	20.37	20.44	23.42
	CP_256QAM	631000	3465	17.78	17.25	20.53	17.81	17.21	20.53	18.02	17.18	20.63	18.09	17.25	20.70	17.45	17.34	20.41	17.47	17.39	20.44
		633334	3500.01	17.77	17.25	20.53	17.91	17.41	20.68	17.88	17.45	20.68	17.83	17.43	20.64	17.80	17.59	20.70	17.49	17.49	20.50
		635666	3534.99	17.63	17.14	20.40	17.48	17.05	20.28	17.21	17.45	20.34	17.15	17.29	20.23	17.30	17.24	20.28	17.38	17.34	20.37

RB Allocation		No. @ Offset		1@0			1@1			1@104			1@105			53@26			106@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
40MHz	CP_QPSK	631334	3470.01	20.45	20.51	23.49	22.56	22.60	25.59	22.84	22.47	25.67	20.69	20.45	23.58	22.50	22.44	25.48	21.04	20.91	23.99
		633334	3500.01	20.94	20.26	23.63	22.90	22.28	25.61	22.82	22.46	25.65	20.72	20.39	23.57	22.63	22.27	25.46	21.30	20.87	24.10
		635332	3529.98	20.62	20.40	23.52	22.53	22.28	25.42	22.17	22.26	25.22	20.11	20.30	23.21	22.43	22.42	25.44	20.93	20.85	23.90
	CP_16QAM	631334	3470.01	20.31	20.35	23.34	21.92	21.82	24.88	22.02	21.69	24.87	20.51	20.30	23.42	22.08	21.85	24.97	21.12	20.92	24.03
		633334	3500.01	20.70	20.64	23.68	22.23	22.15	25.20	22.16	22.19	25.18	20.45	20.74	23.61	22.14	21.86	25.01	21.19	21.03	24.12
		635332	3529.98	20.75	20.43	23.61	22.19	21.74	24.99	21.73	21.84	24.80	20.17	20.34	23.27	21.88	21.79	24.85	20.88	20.88	23.89
	CP_64QAM	631334	3470.01	20.66	20.51	23.59	20.69	20.53	23.62	20.99	20.50	23.76	20.95	20.53	23.75	20.47	20.42	23.46	20.59	20.41	23.51
		633334	3500.01	20.72	19.95	23.37	20.73	19.99	23.39	20.59	20.08	23.35	20.54	20.01	23.29	20.61	20.49	23.56	20.81	20.31	23.58
		635332	3529.98	20.80	20.88	23.85	20.80	20.86	23.84	20.32	20.85	23.60	20.27	20.88	23.60	20.44	20.43	23.44	20.48	20.39	23.45
	CP_256QAM	631334	3470.01	17.95	17.36	20.68	17.90	17.39	20.66	18.33	17.39	20.90	18.25	17.32	20.82	17.59	17.41	20.51	17.57	17.52	20.55
		633334	3500.01	17.98	17.56	20.79	17.88	17.58	20.74	17.78	17.59	20.70	17.75	17.59	20.68	17.73	17.46	20.61	17.43	17.43	20.44
		635332	3529.98	17.84	17.20	20.54	17.88	17.20	20.56	17.42	17.28	20.36	17.51	17.33	20.43	17.34	17.36	20.36	17.53	17.36	20.46
RB Allocation		No. @ Offset		1@0			1@1			1@131			1@132			67@33			133@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
50MHz	CP_QPSK	631668	3475.02	20.18	20.24	23.22	22.21	22.45	25.34	22.38	22.08	25.25	20.44	20.20	23.33	22.27	22.16	25.22	20.78	20.72	23.76
		633334	3500.01	20.63	20.28	23.47	22.72	21.98	25.38	22.34	21.84	25.11	20.41	19.96	23.20	22.55	21.99	25.29	21.12	20.60	23.88
		635000	3525	20.48	20.09	23.30	22.45	22.04	25.26	21.80	21.87	24.85	19.76	19.85	22.82	22.24	22.10	25.18	20.85	20.54	23.70
	CP_16QAM	631668	3475.02	19.91	20.23	23.08	21.51	21.92	24.73	21.64	21.66	24.66	20.21	20.09	23.16	21.81	21.67	24.75	20.81	20.74	23.79
		633334	3500.01	20.19	20.34	23.28	21.67	21.84	24.77	21.40	21.87	24.65	19.78	20.42	23.12	21.97	21.52	24.76	21.05	20.70	23.89
		635000	3525	20.68	20.13	23.43	22.07	21.62	24.86	21.52	21.57	24.55	19.79	19.96	22.89	21.78	21.50	24.65	20.77	20.54	23.66
	CP_64QAM	631668	3475.02	20.32	20.20	23.27	20.18	20.22	23.21	20.55	20.16	23.37	20.60	20.12	23.38	20.36	20.12	23.25	20.36	20.08	23.24
		633334	3500.01	20.29	19.85	23.09	20.42	19.88	23.17	19.94	19.85	22.91	19.95	19.83	22.90	20.56	20.09	23.34	20.48	20.00	23.25
		635000	3525	20.75	20.72	23.74	20.73	20.61	23.68	19.94	20.40	23.19	20.02	20.40	23.22	20.34	20.08	23.22	20.26	20.04	23.16
	CP_256QAM	631668	3475.02	17.66	17.27	20.48	17.61	17.32	20.48	17.83	17.16	20.52	17.75	17.10	20.45	17.41	17.07	20.26	17.38	17.18	20.29
		633334	3500.01	17.69	17.28	20.50	17.70	17.29	20.51	17.39	17.06	20.24	17.36	17.15	20.27	17.46	17.18	20.33	17.44	17.07	20.27
		635000	3525	17.64	17.10	20.39	17.79	17.00	20.42	16.85	16.90	19.89	16.79	16.88	19.84	17.22	17.10	20.17	17.20	17.03	20.12

RB Allocation		No. @ Offset		1@0			1@1			1@160			1@161			81@40			162@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
60MHz	CP_QPSK	632000	3480	20.14	20.16	23.16	22.25	22.36	25.31	22.42	22.27	25.35	20.26	19.93	23.10	22.45	22.11	25.29	20.80	20.64	23.73
		633334	3500.01	20.42	20.04	23.25	22.68	21.93	25.33	22.22	21.78	25.02	20.19	19.98	23.10	22.56	22.19	25.39	20.97	20.65	23.83
		634666	3519.99	20.44	20.01	23.24	22.42	22.00	25.22	21.65	21.91	24.79	19.69	19.87	22.79	22.32	22.14	25.24	20.82	20.60	23.72
	CP_16QAM	632000	3480	19.72	20.22	22.99	21.29	21.67	24.50	21.63	21.56	24.61	20.06	19.92	23.00	21.89	21.65	24.78	20.92	20.57	23.76
		633334	3500.01	20.10	20.29	23.20	21.73	21.83	24.79	21.36	21.78	24.59	19.88	20.29	23.10	22.12	21.61	24.88	21.00	20.67	23.85
		634666	3519.99	20.51	20.00	23.27	21.99	21.53	24.78	21.28	21.44	24.37	19.86	19.88	22.88	21.83	21.72	24.79	20.77	20.57	23.68
	CP_64QAM	632000	3480	20.11	20.06	23.09	20.07	20.11	23.10	20.37	20.10	23.25	20.46	20.08	23.29	20.44	20.09	23.28	20.38	20.12	23.27
		633334	3500.01	20.21	19.88	23.06	20.23	19.83	23.04	19.95	19.78	22.88	20.00	19.75	22.89	20.56	20.23	23.41	20.52	20.14	23.35
		634666	3519.99	20.60	20.51	23.57	20.54	20.52	23.54	19.90	20.35	23.14	19.74	20.29	23.03	20.37	20.15	23.27	20.37	20.09	23.24
	CP_256QAM	632000	3480	17.02	16.93	19.98	17.16	17.22	20.20	17.30	16.63	19.99	17.43	16.96	20.21	17.50	17.09	20.31	17.47	17.19	20.35
		633334	3500.01	17.72	17.16	20.46	17.65	17.18	20.43	17.41	17.08	20.26	17.34	17.06	20.21	17.65	17.20	20.44	17.54	17.26	20.42
		634666	3519.99	17.54	16.93	20.26	17.62	16.96	20.31	16.88	16.90	19.90	16.76	16.89	19.83	17.43	17.07	20.27	17.34	17.07	20.22
RB Allocation		No. @ Offset		1@0			1@1			1@187			1@188			95@47			189@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
70MHz	CP_QPSK	632334	3485.01	20.23	20.25	23.25	22.25	22.07	25.17	22.12	21.99	25.07	20.15	19.98	23.08	22.37	22.17	25.29	20.95	20.60	23.79
		633334	3500.01	20.25	19.96	23.12	22.47	21.98	25.24	22.21	21.84	25.04	19.98	19.74	22.88	22.49	22.00	25.26	20.91	20.69	23.81
		634332	3514.98	20.36	20.22	23.30	22.33	22.05	25.21	21.70	22.21	24.97	19.79	19.84	22.82	22.36	22.07	25.23	20.83	20.55	23.70
	CP_16QAM	632334	3485.01	19.99	20.02	23.01	21.39	21.67	24.54	21.31	21.38	24.36	19.79	20.05	22.93	22.03	21.74	24.90	20.90	20.66	23.79
		633334	3500.01	19.93	20.32	23.14	21.47	21.91	24.71	21.14	21.67	24.42	19.64	20.32	23.01	21.87	21.50	24.70	20.96	20.54	23.77
		634332	3514.98	20.45	19.97	23.23	22.00	21.42	24.73	21.52	21.49	24.51	19.73	19.92	22.84	21.94	21.61	24.79	20.88	20.60	23.75
	CP_64QAM	632334	3485.01	20.06	20.03	23.06	20.01	20.20	23.11	20.21	20.03	23.13	20.19	20.07	23.14	20.63	20.04	23.35	20.41	20.13	23.28
		633334	3500.01	20.12	19.83	22.99	20.20	19.87	23.05	19.95	19.74	22.86	19.91	19.79	22.86	20.54	20.00	23.29	20.51	20.03	23.29
		634332	3514.98	20.43	20.51	23.48	20.49	20.42	23.46	19.92	20.35	23.15	19.88	20.20	23.05	20.40	20.09	23.26	20.32	20.08	23.22
	CP_256QAM	632334	3485.01	17.43	17.09	20.27	17.50	17.22	20.37	17.55	17.01	20.30	17.62	16.97	20.31	17.42	17.05	20.25	17.43	17.13	20.29
		633334	3500.01	17.46	17.11	20.30	17.53	17.16	20.36	17.13	17.05	20.10	17.11	17.00	20.06	17.59	17.11	20.37	17.51	17.04	20.29
		634332	3514.98	17.47	16.83	20.17	17.63	16.87	20.28	16.89	16.86	19.89	16.73	16.85	19.80	17.40	17.00	20.21	17.37	17.18	20.29

RB Allocation		No. @ Offset		1@0			1@1			1@215			1@216			109@54			217@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
80MHz	CP_QPSK	632668	3490.02	20.21	20.08	23.16	22.31	22.23	25.28	22.14	21.99	25.08	20.07	20.02	23.06	22.52	22.07	25.32	20.98	20.69	23.85
		633334	3500.01	20.13	19.94	23.05	22.34	21.90	25.14	21.88	21.79	24.84	19.86	19.85	22.86	22.45	21.99	25.24	20.92	20.52	23.74
		634000	3510	20.23	19.88	23.07	22.31	21.92	25.13	21.74	22.22	25.00	19.67	19.97	22.83	22.44	22.04	25.26	20.90	20.52	23.72
	CP_16QAM	632668	3490.02	19.78	19.94	22.87	21.38	21.57	24.49	21.17	21.47	24.33	19.68	19.98	22.84	21.98	21.73	24.87	20.84	20.59	23.73
		633334	3500.01	19.84	20.33	23.10	21.48	22.03	24.77	21.24	21.76	24.52	19.65	20.28	22.99	21.89	21.63	24.78	20.86	20.56	23.72
		634000	3510	20.35	19.93	23.16	21.79	21.47	24.65	21.63	21.46	24.56	19.76	19.86	22.82	21.93	21.54	24.75	20.81	20.52	23.68
	CP_64QAM	632668	3490.02	20.07	20.07	23.08	20.08	20.36	23.23	20.12	20.08	23.11	20.16	20.11	23.14	20.44	20.11	23.29	20.48	20.13	23.32
		633334	3500.01	20.06	19.85	22.97	20.12	19.95	23.05	19.95	19.83	22.90	19.82	19.83	22.84	20.44	20.03	23.25	20.37	20.07	23.23
		634000	3510	20.31	20.50	23.42	20.75	20.47	23.62	19.86	20.35	23.12	19.75	20.16	22.97	20.41	19.99	23.22	20.33	19.94	23.15
	CP_256QAM	632668	3490.02	17.45	17.10	20.29	17.46	17.21	20.34	17.35	17.09	20.23	17.38	17.04	20.22	17.40	17.10	20.26	17.37	17.05	20.22
		633334	3500.01	17.36	17.14	20.26	17.47	17.33	20.41	17.32	17.25	20.30	17.15	17.16	20.17	17.52	17.02	20.29	17.37	17.09	20.25
		634000	3510	17.36	16.84	20.12	17.38	16.90	20.16	16.81	16.74	19.79	16.76	16.75	19.77	17.51	17.06	20.30	17.38	16.95	20.18
RB Allocation		No. @ Offset		1@0			1@1			1@243			1@244			123@61			245@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
90MHz	CP_QPSK	633000	3495	20.16	19.99	23.09	22.37	22.06	25.23	22.06	22.04	25.06	20.00	19.98	23.00	22.57	21.95	25.28	20.87	20.48	23.69
		633334	3500.01	20.32	19.83	23.09	22.47	21.87	25.19	22.10	22.11	25.11	19.97	19.79	22.89	22.45	22.00	25.24	20.88	20.45	23.68
		633666	3504.99	20.06	19.84	22.96	22.18	21.89	25.05	21.87	21.83	24.86	19.85	19.84	22.85	22.49	21.99	25.25	20.91	20.43	23.69
	CP_16QAM	633000	3495	20.11	19.86	23.00	21.78	21.55	24.67	21.16	21.63	24.41	19.79	19.91	22.86	21.94	21.44	24.71	20.88	20.50	23.70
		633334	3500.01	19.85	20.16	23.02	21.45	21.80	24.64	21.29	21.90	24.62	19.56	20.15	22.87	22.01	21.46	24.75	20.89	20.47	23.70
		633666	3504.99	20.18	19.93	23.06	21.67	21.51	24.60	21.36	21.54	24.46	19.83	19.90	22.88	21.93	21.52	24.74	20.88	20.45	23.68
	CP_64QAM	633000	3495	20.14	19.95	23.06	20.24	20.02	23.15	20.09	20.04	23.08	19.98	19.88	22.94	20.55	20.02	23.30	20.40	19.99	23.21
		633334	3500.01	20.00	19.71	22.87	20.06	19.86	22.97	19.86	19.86	22.87	19.80	19.72	22.77	20.41	19.92	23.18	20.40	20.04	23.23
		633666	3504.99	20.30	20.43	23.37	20.43	20.46	23.45	19.94	20.39	23.18	19.94	20.25	23.11	20.49	20.08	23.30	20.39	20.06	23.24
	CP_256QAM	633000	3495	17.61	17.05	20.35	17.48	17.10	20.30	17.43	17.09	20.27	17.30	16.97	20.15	17.59	17.02	20.32	17.40	17.04	20.24
		633334	3500.01	17.34	16.97	20.17	17.40	17.14	20.28	17.18	17.05	20.13	17.06	16.93	20.01	17.54	17.05	20.31	17.42	17.08	20.27
		633666	3504.99	17.20	16.85	20.04	17.36	16.99	20.19	16.92	16.85	19.90	16.83	16.82	19.83	17.51	17.00	20.27	17.36	17.04	20.22

RB Allocation		No. @ Offset		1@0			1@1			1@271			1@272			137@68			273@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
100MHz	CP_QPSK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		633334	3500.01	20.12	19.91	23.03	22.29	22.13	25.22	21.99	22.04	25.02	19.89	19.91	22.91	22.44	21.99	25.23	20.81	20.50	23.67
		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CP_16QAM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		633334	3500.01	19.74	19.77	22.77	21.46	21.72	24.60	21.04	21.29	24.18	19.51	19.69	22.61	21.95	21.65	24.81	20.87	20.55	23.73
		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CP_64QAM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		633334	3500.01	20.14	19.90	23.03	20.06	20.13	23.10	19.92	19.82	22.88	19.76	19.75	22.77	20.54	20.00	23.29	20.37	19.98	23.19
		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CP_256QAM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		633334	3500.01	17.23	16.85	20.06	17.47	17.08	20.29	17.24	16.90	20.08	17.27	16.73	20.02	17.50	16.97	20.25	17.36	16.98	20.18
		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

A3.9 NR n77_ MIMO_3700-3980MHz (Cover n78_3700-3800MHz)

N77 (3.7G-3.98)		30kHz		Maximum Conducted Output Power (dBm)																	
RB Allocation		No. @ Offset		1@0			1@1			1@22			1@23			12@6			24@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
10MHz	CP_QPSK	647000	3705	20.27	20.91	23.61	22.16	23.10	25.67	22.17	23.02	25.62	20.01	20.94	23.51	22.18	22.74	25.48	20.59	21.19	23.91
		656000	3840	20.42	20.72	23.59	22.34	22.73	25.55	22.27	22.74	25.52	20.45	20.81	23.64	22.55	22.79	25.68	20.94	21.27	24.12
		665000	3975	19.72	20.03	22.89	21.67	21.91	24.80	21.63	22.13	24.90	19.54	20.13	22.85	21.54	22.26	24.92	20.15	20.68	23.43
	CP_16QAM	647000	3705	19.80	20.51	23.18	21.19	22.22	24.75	21.35	22.33	24.88	19.56	20.46	23.04	21.75	22.32	25.05	20.59	21.15	23.89
		656000	3840	20.02	21.14	23.63	21.47	22.73	25.16	21.27	22.80	25.12	19.91	21.14	23.58	22.08	22.28	25.19	20.99	21.32	24.17
		665000	3975	19.81	20.24	23.04	21.14	21.63	24.40	21.22	21.73	24.49	19.71	20.22	22.98	21.25	21.91	24.60	20.04	20.76	23.43
	CP_64QAM	647000	3705	19.88	20.70	23.32	19.89	20.94	23.46	20.04	20.88	23.49	19.79	20.65	23.25	20.18	20.61	23.41	20.03	20.68	23.38
		656000	3840	20.08	20.53	23.32	20.02	20.64	23.35	19.69	20.61	23.19	20.00	20.51	23.28	20.54	21.04	23.81	20.58	20.75	23.68
		665000	3975	19.79	21.07	23.49	19.62	20.96	23.35	19.66	21.04	23.42	19.60	21.12	23.44	19.47	20.26	22.90	19.66	20.14	22.92
	CP_256QAM	647000	3705	17.14	17.85	20.52	17.07	17.99	20.56	17.24	17.96	20.63	16.98	17.81	20.43	17.26	17.68	20.49	17.04	17.56	20.32
		656000	3840	17.30	17.73	20.53	17.32	17.75	20.55	17.12	17.83	20.50	17.31	17.63	20.48	17.46	17.71	20.60	17.33	17.96	20.67
		665000	3975	16.51	17.35	19.96	16.44	17.24	19.87	16.45	17.34	19.92	16.44	17.34	19.92	16.61	17.39	20.03	16.66	17.30	20.00
RB Allocation		No. @ Offset		1@0			1@1			1@36			1@37			19@9			38@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
15MHz	CP_QPSK	647168	3707.52	19.90	20.54	23.24	21.96	22.63	25.32	22.08	22.65	25.38	19.92	20.33	23.14	22.02	22.80	25.44	20.58	21.13	23.88
		656000	3840	20.42	20.76	23.60	22.66	23.05	25.87	22.34	22.53	25.44	20.57	20.72	23.65	22.45	22.87	25.68	21.04	21.45	24.26
		664832	3972.48	19.40	20.51	23.00	21.19	22.22	24.75	21.29	22.37	24.88	19.18	20.11	22.68	21.78	22.27	25.04	20.19	20.75	23.49
	CP_16QAM	647168	3707.52	19.43	20.78	23.17	21.09	22.33	24.76	21.16	22.46	24.87	19.34	20.62	23.04	21.54	22.25	24.92	20.70	21.17	23.95
		656000	3840	19.95	21.50	23.80	21.72	23.29	25.59	21.43	22.82	25.19	19.98	21.39	23.75	21.99	22.45	25.24	21.08	21.41	24.26
		664832	3972.48	19.63	20.05	22.85	20.78	21.22	24.02	20.97	21.35	24.18	19.26	19.67	22.48	21.26	21.68	24.48	20.16	20.87	23.54
	CP_64QAM	647168	3707.52	20.24	20.39	23.33	20.22	20.40	23.32	20.50	20.55	23.54	20.15	20.29	23.23	20.12	20.66	23.41	20.06	20.76	23.44
		656000	3840	20.39	20.97	23.70	20.71	21.30	24.02	20.25	20.69	23.49	20.45	20.93	23.71	20.52	21.01	23.78	20.58	20.93	23.77
		664832	3972.48	19.81	20.86	23.37	19.45	20.55	23.04	19.47	20.69	23.13	19.39	20.62	23.06	19.54	20.11	22.85	19.65	20.21	22.95
	CP_256QAM	647168	3707.52	17.46	18.07	20.78	17.55	18.10	20.84	17.63	18.13	20.90	17.39	17.90	20.66	17.15	17.77	20.48	17.15	17.70	20.44
		656000	3840	17.79	18.16	20.99	18.02	18.41	21.23	17.59	17.89	20.75	17.87	18.03	20.96	17.50	17.88	20.71	17.67	17.87	20.79
		664832	3972.48	16.62	17.47	20.08	16.36	17.16	19.78	16.30	17.23	19.80	16.38	17.16	19.80	16.62	17.19	19.93	16.70	17.21	19.97

RB Allocation		No. @ Offset		1@0			1@1			1@49			1@50			25@12			51@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
20MHz	CP_QPSK	647334	3710.01	20.17	20.89	23.55	22.16	22.77	25.48	22.27	22.53	25.42	20.36	20.73	23.56	22.14	22.64	25.40	20.62	21.09	23.87
		656000	3840	20.43	20.70	23.58	22.58	22.70	25.65	22.36	23.03	25.72	20.64	20.79	23.72	22.51	22.98	25.76	21.07	21.40	24.25
		664666	3969.99	19.51	20.21	22.89	21.47	22.34	24.94	21.70	22.18	24.96	19.76	20.37	23.08	21.87	22.27	25.09	20.11	20.68	23.42
	CP_16QAM	647334	3710.01	19.73	20.78	23.30	21.18	22.25	24.76	21.25	22.09	24.70	19.73	20.69	23.25	21.71	22.25	25.00	20.65	21.23	23.96
		656000	3840	20.04	21.13	23.63	21.37	22.60	25.04	21.52	22.76	25.19	19.97	21.12	23.59	22.03	22.43	25.24	21.01	21.30	24.17
		664666	3969.99	19.53	20.21	22.89	20.99	21.85	24.45	21.15	21.67	24.43	19.80	20.24	23.04	21.15	21.91	24.56	20.25	20.77	23.53
	CP_64QAM	647334	3710.01	20.03	20.65	23.36	20.10	20.78	23.46	20.21	20.52	23.38	20.10	20.78	23.47	20.20	20.61	23.42	20.13	20.74	23.46
		656000	3840	20.29	20.73	23.53	20.08	20.73	23.43	20.14	20.81	23.50	20.17	20.74	23.47	20.52	20.96	23.76	20.53	20.84	23.70
		664666	3969.99	19.55	20.64	23.14	19.68	20.80	23.28	19.80	20.60	23.22	19.94	20.66	23.32	19.77	20.24	23.02	19.72	20.33	23.05
	CP_256QAM	647334	3710.01	17.43	17.80	20.63	17.41	17.85	20.65	17.55	17.60	20.59	17.34	17.85	20.61	17.13	17.73	20.46	17.12	17.64	20.40
		656000	3840	17.76	17.95	20.86	17.57	17.97	20.79	17.68	18.17	20.94	17.71	17.99	20.86	17.66	17.89	20.79	17.63	17.84	20.75
		664666	3969.99	16.58	17.20	19.91	16.56	17.26	19.94	16.70	17.19	19.96	16.76	17.16	19.98	16.81	17.33	20.09	16.76	17.17	19.98
RB Allocation		No. @ Offset		1@0			1@1			1@76			1@77			39@19			78@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
30MHz	CP_QPSK	647668	3715.02	20.17	20.60	23.40	22.28	22.48	25.39	22.28	22.58	25.44	20.29	20.57	23.44	22.15	22.71	25.45	20.63	21.21	23.94
		656000	3840	20.25	20.66	23.47	22.40	22.82	25.63	22.71	22.96	25.85	20.66	20.98	23.83	22.55	22.88	25.73	21.10	21.45	24.29
		664332	3964.98	19.55	20.13	22.86	21.47	22.15	24.83	21.57	22.32	24.97	19.63	20.29	22.98	21.64	22.23	24.96	20.23	20.86	23.57
	CP_16QAM	647668	3715.02	19.85	20.49	23.19	21.32	22.04	24.71	21.50	22.14	24.84	20.04	20.56	23.32	21.73	22.03	24.89	20.61	21.13	23.89
		656000	3840	19.99	20.94	23.50	21.67	22.63	25.19	21.96	22.80	25.41	20.49	21.19	23.86	22.12	22.43	25.29	21.05	21.41	24.24
		664332	3964.98	19.65	20.21	22.95	20.95	21.62	24.31	21.10	22.12	24.65	19.69	20.28	23.00	21.17	21.81	24.52	20.18	20.79	23.51
	CP_64QAM	647668	3715.02	20.04	20.55	23.31	20.04	20.62	23.35	20.33	20.63	23.49	20.35	20.55	23.46	20.09	20.57	23.34	20.21	20.61	23.42
		656000	3840	20.04	20.25	23.15	20.21	20.57	23.41	20.54	20.78	23.68	20.55	20.83	23.70	20.54	20.94	23.75	20.55	20.98	23.78
		664332	3964.98	19.64	20.68	23.20	19.50	20.62	23.11	19.76	20.99	23.42	19.72	20.77	23.29	19.65	20.23	22.96	19.76	20.38	23.09
	CP_256QAM	647668	3715.02	17.45	17.51	20.49	17.48	17.55	20.53	17.68	17.60	20.65	17.65	17.54	20.61	17.15	17.61	20.40	17.12	17.76	20.47
		656000	3840	17.37	17.65	20.52	17.52	17.79	20.67	17.82	18.02	20.93	17.78	17.94	20.87	17.61	18.04	20.84	17.53	17.97	20.77
		664332	3964.98	16.81	17.15	19.99	16.66	17.09	19.89	16.82	17.32	20.09	16.90	17.19	20.06	16.70	17.29	20.02	16.68	17.30	20.01

RB Allocation		No. @ Offset		1@0			1@1			1@104			1@105			53@26			106@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
40MHz	CP_QPSK	648000	3720	20.16	20.83	23.52	22.24	22.95	25.62	22.32	22.73	25.54	20.15	20.70	23.45	22.23	22.69	25.48	20.70	21.20	23.96
		656000	3840	20.58	21.06	23.84	22.68	22.89	25.79	22.64	22.91	25.78	20.62	21.03	23.84	22.43	22.88	25.67	21.10	21.38	24.25
		664000	3960	19.79	20.31	23.07	21.85	22.28	25.08	21.72	22.17	24.96	19.63	20.25	22.96	21.70	22.35	25.05	20.15	20.84	23.51
	CP_16QAM	648000	3720	19.90	20.74	23.35	21.53	22.21	24.89	21.56	22.00	24.80	20.01	20.52	23.28	21.80	22.17	25.00	20.78	21.01	23.91
		656000	3840	20.35	21.10	23.75	21.89	22.67	25.31	21.99	22.63	25.33	20.49	21.21	23.88	21.87	22.46	25.18	20.96	21.43	24.21
		664000	3960	19.81	20.31	23.08	21.35	21.91	24.65	21.33	21.75	24.55	19.90	20.38	23.16	21.08	21.84	24.48	20.19	20.87	23.55
	CP_64QAM	648000	3720	20.42	20.84	23.65	20.38	20.84	23.62	20.54	20.71	23.64	20.38	20.73	23.57	20.17	20.68	23.44	20.27	20.69	23.49
		656000	3840	20.57	20.52	23.56	20.47	20.56	23.53	20.60	20.60	23.61	20.53	20.65	23.60	20.46	20.84	23.67	20.60	20.85	23.73
		664000	3960	19.93	20.92	23.46	19.89	20.93	23.45	19.91	20.78	23.38	19.84	20.81	23.36	19.61	20.33	23.00	19.79	20.39	23.11
	CP_256QAM	648000	3720	17.73	17.87	20.81	17.74	17.78	20.77	17.83	17.70	20.77	17.67	17.72	20.71	17.13	17.72	20.45	17.25	17.82	20.55
		656000	3840	17.54	17.98	20.78	17.50	17.99	20.76	17.65	17.99	20.83	17.63	18.05	20.85	17.59	17.88	20.75	17.52	17.88	20.71
		664000	3960	16.98	17.32	20.16	17.01	17.36	20.20	17.09	17.20	20.15	17.03	17.15	20.10	16.64	17.37	20.03	16.85	17.37	20.12
RB Allocation		No. @ Offset		1@0			1@1			1@131			1@132			67@33			133@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
50MHz	CP_QPSK	648334	3725.01	19.98	20.57	23.29	22.11	22.83	25.49	21.98	22.46	25.24	19.97	20.44	23.22	22.07	22.44	25.27	20.46	20.89	23.69
		656000	3840	20.42	20.56	23.50	22.43	22.43	25.44	22.53	22.68	25.62	20.47	20.67	23.58	22.30	22.76	25.55	20.79	21.29	24.06
		663666	3954.99	19.43	20.26	22.87	21.46	22.25	24.89	21.49	21.99	24.76	19.44	20.02	22.75	21.49	22.10	24.81	19.89	20.55	23.24
	CP_16QAM	648334	3725.01	19.57	20.54	23.09	21.19	22.15	24.71	21.09	21.90	24.52	19.66	20.40	23.06	21.64	21.99	24.83	20.58	20.92	23.76
		656000	3840	19.79	20.90	23.39	21.35	22.33	24.88	21.54	22.51	25.06	20.01	20.95	23.52	21.78	22.13	24.97	20.85	21.10	23.99
		663666	3954.99	19.55	20.20	22.90	20.96	21.69	24.35	21.04	21.57	24.32	19.55	20.09	22.84	21.01	21.65	24.35	20.05	20.66	23.37
	CP_64QAM	648334	3725.01	19.94	20.39	23.18	19.76	20.59	23.21	20.14	20.32	23.24	19.85	20.46	23.18	20.13	20.46	23.31	20.06	20.44	23.26
		656000	3840	20.12	20.45	23.30	20.12	20.47	23.31	20.31	20.53	23.43	20.30	20.52	23.42	20.30	20.64	23.49	20.31	20.63	23.48
		663666	3954.99	19.55	20.65	23.14	19.74	20.64	23.22	19.50	20.55	23.07	19.49	20.54	23.06	19.58	20.28	22.95	19.45	20.19	22.84
	CP_256QAM	648334	3725.01	17.19	17.54	20.38	17.25	17.58	20.43	17.26	17.44	20.36	17.28	17.32	20.31	17.17	17.46	20.33	17.01	17.52	20.29
		656000	3840	17.33	17.65	20.50	17.33	17.68	20.52	17.53	17.82	20.69	17.51	17.81	20.67	17.33	17.69	20.52	17.25	17.73	20.51
		663666	3954.99	16.57	17.07	19.84	16.61	17.09	19.87	16.62	17.00	19.82	16.62	16.98	19.81	16.46	17.20	19.86	16.50	17.13	19.84

RB Allocation		No. @ Offset		1@0			1@1			1@160			1@161			81@40			162@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
60MHz	CP_QPSK	648668	3730.02	19.90	20.34	23.13	21.99	22.65	25.34	22.12	22.63	25.39	19.89	20.29	23.10	22.09	22.51	25.32	20.55	21.08	23.84
		656000	3840	20.08	20.36	23.23	22.17	22.48	25.34	22.33	22.61	25.48	20.40	20.60	23.51	22.24	22.79	25.53	20.82	21.30	24.08
		663332	3949.98	19.88	20.44	23.18	21.91	22.65	25.31	21.88	22.39	25.15	19.76	20.20	23.00	22.04	22.60	25.34	20.54	21.09	23.83
	CP_16QAM	648668	3730.02	19.40	20.38	22.93	20.99	22.04	24.55	21.24	21.79	24.53	19.54	20.31	22.95	21.50	21.86	24.70	20.52	20.91	23.73
		656000	3840	19.80	20.73	23.30	21.36	22.27	24.85	21.49	22.28	24.91	19.91	20.82	23.40	21.89	22.15	25.03	20.80	21.13	23.98
		663332	3949.98	20.07	20.60	23.36	21.45	22.15	24.83	21.48	21.90	24.71	20.03	20.47	23.26	21.59	22.22	24.92	20.62	21.08	23.86
	CP_64QAM	648668	3730.02	19.95	20.44	23.21	19.90	20.50	23.22	19.86	20.43	23.17	20.02	20.38	23.21	19.95	20.46	23.22	20.02	20.49	23.27
		656000	3840	19.93	20.35	23.15	20.08	20.38	23.24	20.13	20.46	23.31	20.07	20.42	23.26	20.27	20.73	23.52	20.35	20.60	23.49
		663332	3949.98	20.02	21.01	23.55	20.09	21.03	23.59	20.12	20.78	23.47	20.07	20.75	23.43	20.07	20.67	23.39	20.15	20.62	23.40
	CP_256QAM	648668	3730.02	17.14	17.54	20.35	17.21	17.49	20.36	17.16	17.45	20.32	17.33	17.42	20.39	17.13	17.41	20.29	16.99	17.44	20.23
		656000	3840	17.28	17.54	20.42	17.30	17.60	20.46	17.68	17.64	20.67	17.53	17.61	20.58	17.29	17.76	20.54	17.30	17.77	20.55
		663332	3949.98	16.96	17.60	20.30	17.04	17.62	20.35	17.19	17.29	20.25	17.28	17.28	20.29	17.14	17.66	20.42	17.05	17.67	20.38
RB Allocation		No. @ Offset		1@0			1@1			1@187			1@188			95@47			189@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
70MHz	CP_QPSK	649000	3735	19.85	20.53	23.21	21.94	22.63	25.31	21.73	22.43	25.10	19.96	20.24	23.11	22.00	22.46	25.25	20.51	20.91	23.73
		656000	3840	20.13	20.40	23.28	22.17	22.40	25.30	22.34	22.42	25.39	20.27	20.35	23.32	22.40	22.71	25.57	20.76	21.12	23.95
		663000	3945	19.84	20.49	23.19	21.93	22.49	25.23	21.91	22.32	25.13	19.86	20.28	23.08	22.14	22.52	25.34	20.61	20.97	23.80
	CP_16QAM	649000	3735	19.67	20.37	23.04	21.25	22.03	24.66	20.90	21.74	24.35	19.46	20.30	22.91	21.41	22.01	24.73	20.49	20.96	23.74
		656000	3840	19.70	20.68	23.23	21.31	22.24	24.81	21.36	22.18	24.80	19.80	20.72	23.30	21.77	22.28	25.04	20.74	21.15	23.96
		663000	3945	19.97	20.55	23.28	21.58	22.19	24.90	21.49	21.86	24.69	19.98	20.27	23.14	21.63	22.20	24.93	20.69	21.04	23.88
	CP_64QAM	649000	3735	19.88	20.44	23.18	19.92	20.52	23.24	19.78	20.32	23.07	19.84	20.37	23.12	20.17	20.39	23.29	20.09	20.43	23.27
		656000	3840	20.02	20.27	23.16	20.07	20.33	23.21	20.11	20.34	23.24	20.05	20.40	23.24	20.42	20.66	23.55	20.22	20.67	23.46
		663000	3945	20.10	21.02	23.60	20.12	21.06	23.63	20.17	20.77	23.49	20.02	20.72	23.40	20.07	20.58	23.35	20.16	20.53	23.36
	CP_256QAM	649000	3735	17.17	17.43	20.31	17.32	17.47	20.41	17.29	17.32	20.32	17.06	17.29	20.18	17.09	17.46	20.29	16.99	17.44	20.23
		656000	3840	17.22	17.49	20.37	17.27	17.53	20.41	17.33	17.52	20.44	17.28	17.58	20.44	17.38	17.72	20.56	17.17	-29.15	17.17
		663000	3945	17.19	17.51	20.36	17.16	17.53	20.36	17.02	17.31	20.18	17.03	17.27	20.16	17.04	17.59	20.34	17.19	17.50	20.36

RB Allocation		No. @ Offset		1@0			1@1			1@215			1@216			109@54			217@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
80MHz	CP_QPSK	649334	3740.01	19.78	20.42	23.12	22.00	22.61	25.33	21.90	22.41	25.17	19.68	20.31	23.02	22.03	22.61	25.34	20.48	20.94	23.73
		656000	3840	20.08	20.36	23.23	22.20	22.50	25.36	22.30	22.62	25.47	20.12	20.40	23.27	22.38	22.67	25.54	20.71	21.19	23.97
		662666	3939.99	20.03	20.53	23.30	22.16	22.63	25.41	21.95	22.37	25.18	19.90	20.26	23.10	22.20	22.75	25.49	20.60	20.96	23.79
	CP_16QAM	649334	3740.01	19.67	20.36	23.04	21.11	21.92	24.55	20.89	21.86	24.41	19.45	20.32	22.92	21.54	22.04	24.81	20.42	20.95	23.71
		656000	3840	19.66	20.71	23.23	21.32	22.39	24.89	21.45	22.45	24.99	19.84	20.79	23.35	21.78	22.19	25.00	20.67	21.16	23.93
		662666	3939.99	20.12	20.57	23.36	21.62	22.31	24.99	21.50	21.91	24.72	20.02	20.36	23.20	21.68	22.25	24.98	20.66	21.13	23.91
	CP_64QAM	649334	3740.01	19.93	20.30	23.13	20.05	20.59	23.33	19.78	20.45	23.14	19.70	20.40	23.07	20.02	20.46	23.26	20.01	20.48	23.26
		656000	3840	20.00	20.27	23.15	20.08	20.38	23.24	20.13	20.43	23.29	20.15	20.44	23.31	20.35	20.74	23.56	20.22	20.67	23.46
		662666	3939.99	20.16	21.03	23.63	20.26	21.10	23.71	20.15	20.88	23.54	20.08	20.80	23.46	20.18	20.51	23.36	20.11	20.56	23.35
	CP_256QAM	649334	3740.01	17.10	17.39	20.26	17.21	17.49	20.36	17.08	17.37	20.24	17.00	17.42	20.23	17.08	17.48	20.29	16.98	17.44	20.22
		656000	3840	17.28	17.46	20.38	17.26	17.53	20.41	17.34	17.70	20.53	17.28	17.59	20.45	17.32	17.68	20.52	17.19	17.73	20.48
		662666	3939.99	17.10	17.59	20.36	17.22	17.57	20.41	17.10	17.33	20.22	17.04	17.32	20.19	17.10	17.58	20.36	17.08	17.55	20.33

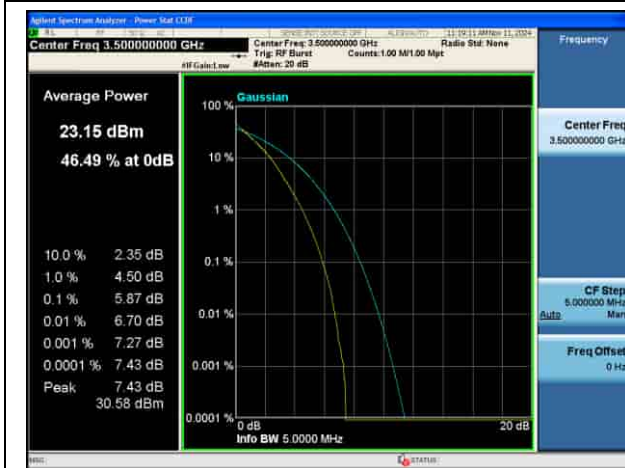
RB Allocation		No. @ Offset		1@0			1@1			1@243			1@244			123@61			245@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
90MHz	CP_QPSK	649668	3745.02	19.79	20.39	23.11	21.96	22.46	25.23	21.88	22.48	25.20	19.77	20.42	23.12	22.02	22.51	25.28	20.49	20.96	23.74
		656000	3840	20.00	20.26	23.14	22.18	22.31	25.26	22.28	22.46	25.38	20.04	20.45	23.26	22.37	22.73	25.56	20.70	21.19	23.96
		662332	3934.98	20.08	20.44	23.27	22.17	22.53	25.36	22.06	22.40	25.25	19.93	20.35	23.16	22.18	22.59	25.40	20.62	21.05	23.85
	CP_16QAM	649668	3745.02	19.38	20.25	22.85	21.12	21.89	24.53	20.95	22.01	24.52	19.40	20.40	22.94	21.46	21.97	24.73	20.41	21.01	23.73
		656000	3840	19.62	20.56	23.13	21.16	22.32	24.79	21.43	22.39	24.95	19.78	20.81	23.34	21.85	22.23	25.05	20.64	21.13	23.90
		662332	3934.98	20.01	20.45	23.25	21.70	22.10	24.92	21.62	22.13	24.89	20.03	20.42	23.24	21.58	22.07	24.84	20.56	21.06	23.83
	CP_64QAM	649668	3745.02	19.75	20.35	23.07	20.05	20.49	23.28	19.88	20.50	23.21	19.86	20.36	23.12	20.07	20.50	23.30	19.92	20.44	23.20
		656000	3840	19.69	20.23	22.98	19.84	20.28	23.08	20.06	20.46	23.28	20.02	20.39	23.22	20.26	20.67	23.48	20.19	20.67	23.45
		662332	3934.98	20.17	20.96	23.59	20.28	21.08	23.71	20.21	20.91	23.59	20.12	20.82	23.49	20.08	20.60	23.36	20.08	20.61	23.36
	CP_256QAM	649668	3745.02	17.16	17.33	20.26	17.23	17.47	20.36	17.24	17.50	20.38	17.10	17.36	20.24	17.04	17.49	20.28	16.91	17.21	20.06
		656000	3840	16.86	17.24	20.06	16.78	17.40	20.11	16.90	17.67	20.31	17.04	17.65	20.36	17.21	17.76	20.50	17.21	17.56	20.40
		662332	3934.98	17.06	17.44	20.26	17.23	17.63	20.44	17.14	17.44	20.30	17.08	17.50	20.30	17.11	17.61	20.38	17.03	17.52	20.29

RB Allocation		No. @ Offset		1@0			1@1			1@271			1@272			137@68			273@0		
Bandwidth	Modulation	Channel	Frequency	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL	ANT6	ANT5	TOTAL
100MHz	CP_QPSK	650000	3750	19.63	20.21	22.94	21.94	22.60	25.29	21.76	22.54	25.18	19.66	20.24	22.97	21.99	22.37	25.20	20.36	20.90	23.65
		656000	3840	19.74	20.17	22.97	22.02	22.40	25.22	22.21	22.42	25.33	19.98	20.32	23.16	22.30	22.66	25.49	20.67	21.15	23.93
		662000	3930	19.90	20.37	23.16	22.16	22.57	25.38	21.99	22.38	25.20	19.94	20.21	23.09	22.05	22.60	25.35	20.63	21.08	23.87
	CP_16QAM	650000	3750	19.29	20.17	22.76	20.85	21.97	24.46	20.89	21.88	24.42	19.32	20.29	22.84	21.51	21.99	24.76	20.43	20.94	23.70
		656000	3840	19.42	20.48	22.99	21.18	22.18	24.72	21.39	22.33	24.89	19.62	20.64	23.17	21.89	22.21	25.07	20.75	21.17	23.98
		662000	3930	20.16	20.42	23.30	21.64	22.00	24.83	21.63	21.94	24.80	19.94	20.31	23.14	21.55	22.12	24.86	20.65	21.08	23.88
	CP_64QAM	650000	3750	19.69	20.17	22.94	19.90	20.35	23.14	19.88	20.46	23.19	19.68	20.35	23.04	20.03	20.35	23.20	19.97	20.51	23.26
		656000	3840	19.67	19.94	22.81	19.85	20.24	23.06	20.13	20.42	23.29	19.87	20.23	23.06	20.33	20.66	23.51	20.24	20.58	23.43
		662000	3930	20.07	20.80	23.46	20.27	21.08	23.70	20.19	20.89	23.56	20.02	20.63	23.35	20.08	20.65	23.39	20.17	20.63	23.42
	CP_256QAM	650000	3750	16.97	17.22	20.11	17.07	17.44	20.27	17.07	17.44	20.27	16.99	17.31	20.16	16.97	17.43	20.22	16.93	17.49	20.23
		656000	3840	16.92	17.23	20.09	17.13	17.43	20.29	17.34	17.68	20.52	17.11	17.47	20.30	17.31	17.67	20.50	17.18	17.72	20.47
		662000	3930	17.00	17.44	20.24	17.31	17.56	20.45	17.17	17.30	20.25	17.04	17.12	20.09	17.12	17.67	20.41	17.26	17.58	20.43

A4. Peak to Average Radio Test Result

A4.1 LTE Band42

PTAR_4G_B42_.QPSK_5M CH42590



PTAR_4G_B42_.QPSK_10M CH42590



PTAR_4G_B42_.QPSK_15M CH42590



PTAR_4G_B42_.QPSK_20M CH42590



PTAR_4G_B42_16QAM_5M CH42590



PTAR_4G_B42_16QAM_10M CH42590



PTAR_4G_B42_16QAM_15M CH42590



PTAR_4G_B42_16QAM_20M CH42590



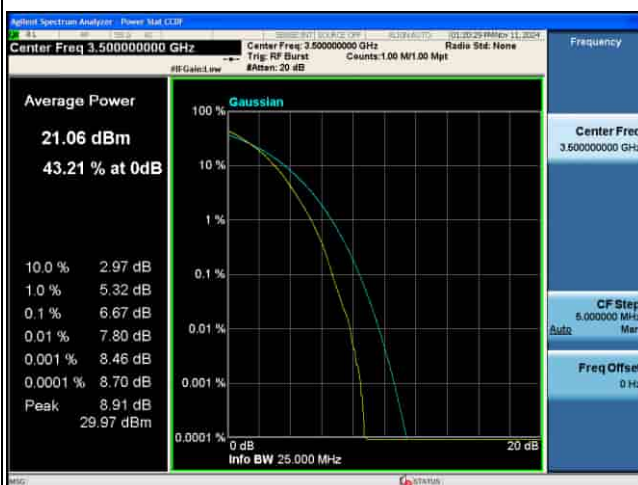
PTAR_4G_B42_64QAM_5M CH42590



PTAR_4G_B42_64QAM_10M CH42590



PTAR_4G_B42_64QAM_15M CH42590



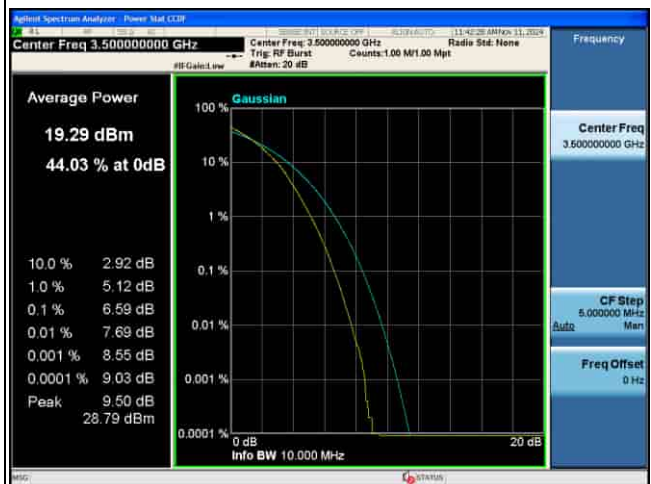
PTAR_4G_B42_64QAM_20M CH42590



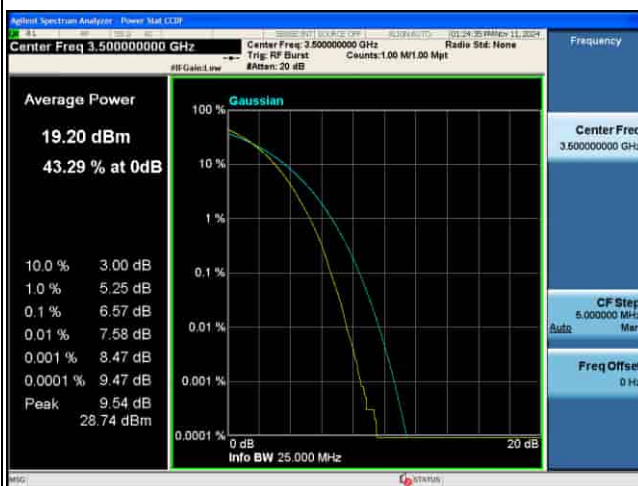
PTAR_4G_B42_256QAM_5M CH42590



PTAR_4G_B42_256QAM_10M CH42590



PTAR_4G_B42_256QAM_15M CH42590

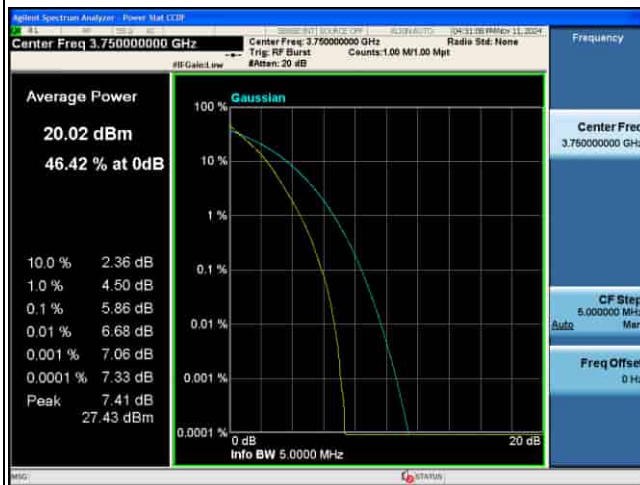


PTAR_4G_B42_256QAM_20M CH42590



A4.2 LTE Band43

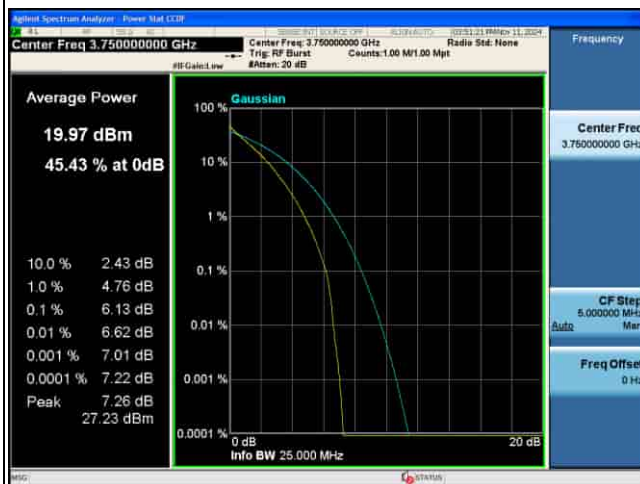
PTAR_4G_B43_QPSK_5M CH45090



PTAR_4G_B43_QPSK_10M CH45090



PTAR_4G_B43_QPSK_15M CH45090



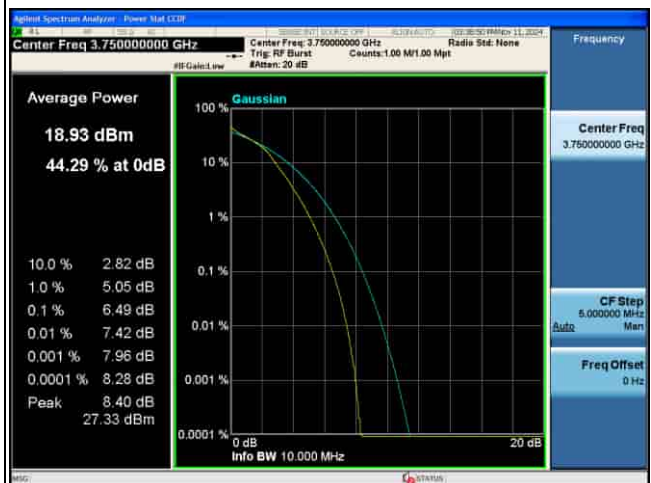
PTAR_4G_B43_QPSK_20M CH45090



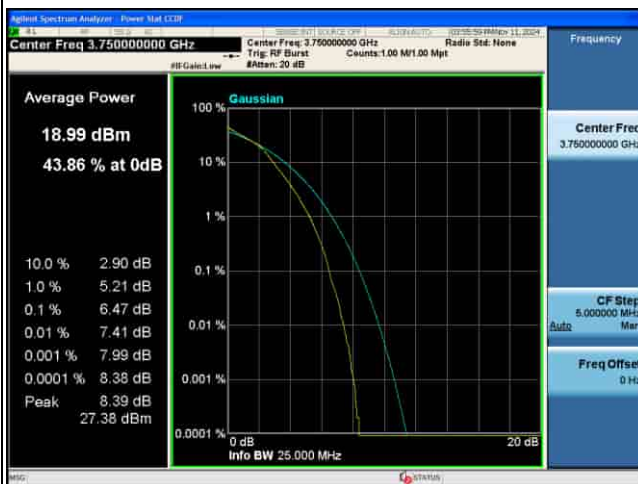
PTAR_4G_B43_16QAM_5M CH45090



PTAR_4G_B43_16QAM_10M CH45090



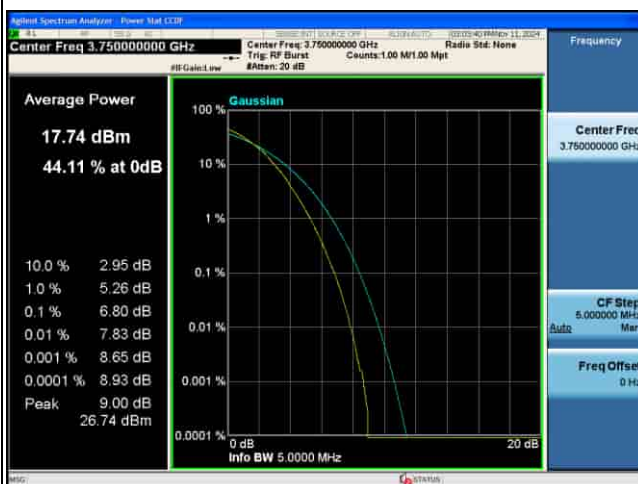
PTAR_4G_B43_16QAM_15M CH45090



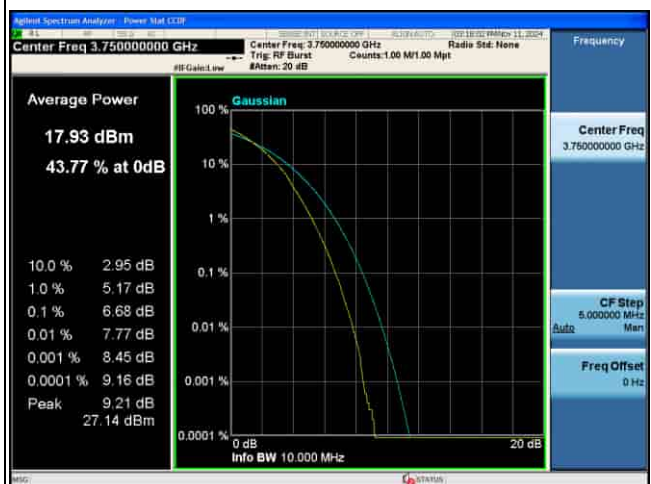
PTAR_4G_B43_16QAM_20M CH45090



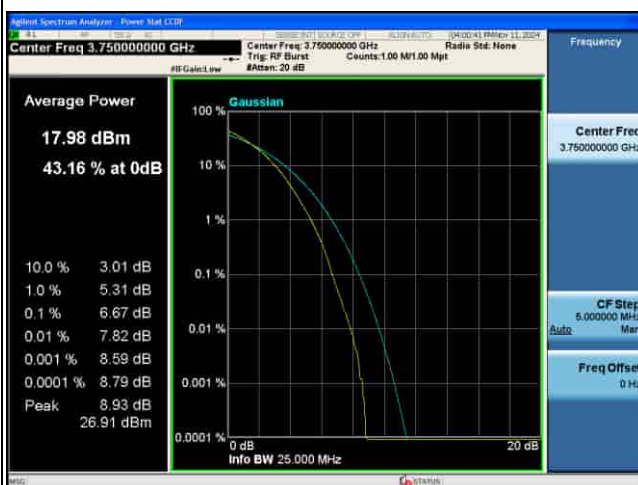
PTAR_4G_B43_64QAM_5M CH45090



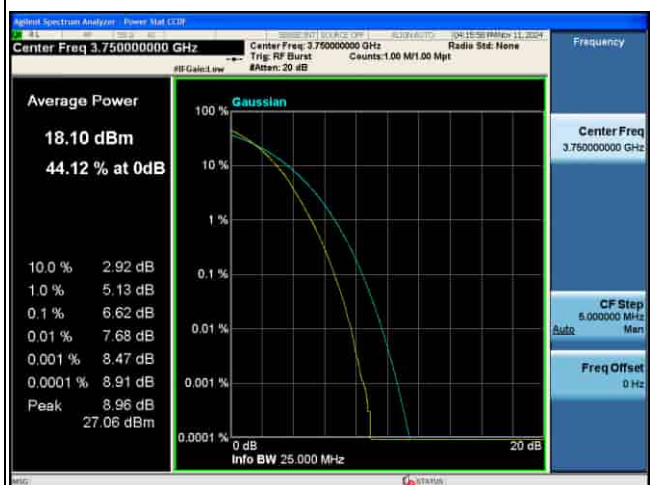
PTAR_4G_B43_64QAM_10M CH45090



PTAR_4G_B43_64QAM_15M CH45090



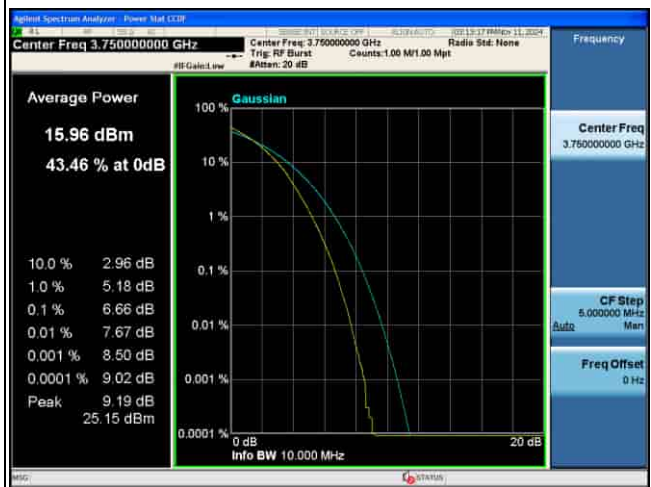
PTAR_4G_B43_64QAM_20M CH45090



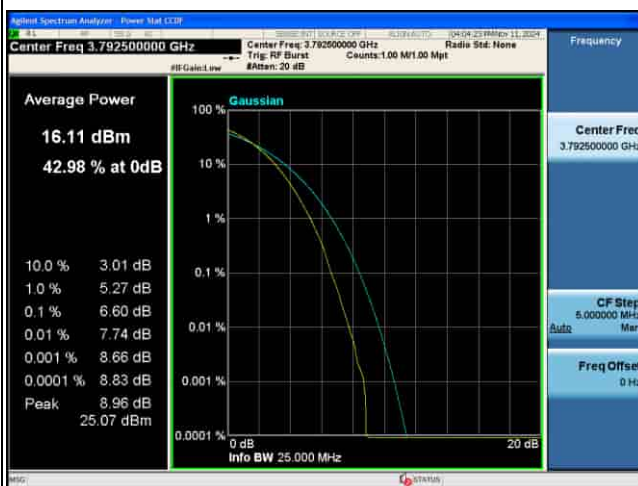
PTAR_4G_B43_256QAM_5M CH45090



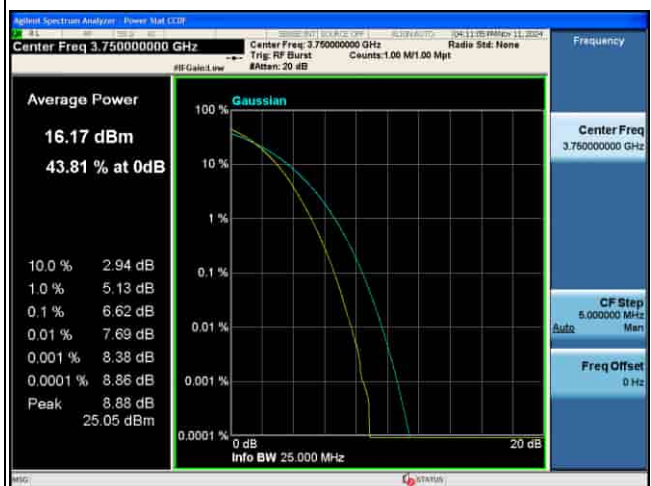
PTAR_4G_B43_256QAM_10M CH45090



PTAR_4G_B43_256QAM_15M CH45515



PTAR_4G_B43_256QAM_20M CH45090



A4.3 NR n77_3450-3550MHz (Cover n78_3450-3550MHz)

