



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.19	0.166	22.37	0.173	22.00	0.158
5	QPSK	1	12	22.15	0.164	22.14	0.164	22.15	0.164
5	QPSK	1	24	22.18	0.165	22.21	0.166	22.23	0.167
5	QPSK	12	0	21.19	0.132	21.34	0.136	21.24	0.133
5	QPSK	12	7	21.23	0.133	21.25	0.133	21.29	0.135
5	QPSK	12	13	21.14	0.130	21.22	0.132	21.19	0.132
5	QPSK	25	0	21.09	0.129	21.15	0.130	21.19	0.132
5	16QAM	1	0	21.46	0.140	21.88	0.154	21.62	0.145
5	16QAM	1	12	21.52	0.142	21.86	0.153	21.55	0.143
5	16QAM	1	24	21.62	0.145	21.42	0.139	21.75	0.150
5	16QAM	12	0	20.29	0.107	20.33	0.108	20.27	0.106
5	16QAM	12	7	20.12	0.103	20.21	0.105	20.27	0.106
5	16QAM	12	13	20.37	0.109	20.23	0.105	20.39	0.109
5	16QAM	25	0	20.21	0.105	20.21	0.105	20.31	0.107
5	64QAM	1	0	20.38	0.109	20.55	0.114	20.52	0.113
5	64QAM	1	12	20.63	0.116	20.36	0.109	20.62	0.115
5	64QAM	1	24	20.55	0.114	20.52	0.113	20.36	0.109
5	64QAM	12	0	20.39	0.109	20.41	0.110	20.25	0.106
5	64QAM	12	7	20.19	0.104	20.23	0.105	20.29	0.107
5	64QAM	12	13	20.29	0.107	20.21	0.105	20.60	0.115
5	64QAM	25	0	20.14	0.103	20.14	0.103	20.35	0.108



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.08	0.161	22.16	0.164	22.09	0.162
3	QPSK	1	8	22.00	0.158	22.13	0.163	22.11	0.163
3	QPSK	1	14	22.01	0.159	21.79	0.151	22.20	0.166
3	QPSK	8	0	21.25	0.133	21.17	0.131	21.26	0.134
3	QPSK	8	4	21.20	0.132	21.17	0.131	21.31	0.135
3	QPSK	8	7	21.19	0.132	21.12	0.129	21.21	0.132
3	QPSK	15	0	21.62	0.145	21.52	0.142	21.21	0.132
3	16QAM	1	0	21.64	0.146	21.62	0.145	21.55	0.143
3	16QAM	1	8	21.55	0.143	21.52	0.142	21.62	0.145
3	16QAM	1	14	21.62	0.145	21.37	0.137	21.52	0.142
3	16QAM	8	0	20.18	0.104	20.36	0.109	20.25	0.106
3	16QAM	8	4	20.23	0.105	20.18	0.104	20.31	0.107
3	16QAM	8	7	20.17	0.104	20.22	0.105	20.64	0.116
3	16QAM	15	0	20.25	0.106	20.33	0.108	20.33	0.108
3	64QAM	1	0	20.50	0.112	20.52	0.113	20.62	0.115
3	64QAM	1	8	20.58	0.114	20.52	0.113	20.54	0.113
3	64QAM	1	14	20.48	0.112	20.55	0.114	20.65	0.116
3	64QAM	8	0	20.26	0.106	20.32	0.108	20.24	0.106
3	64QAM	8	4	20.26	0.106	20.29	0.107	20.28	0.107
3	64QAM	8	7	20.28	0.107	20.24	0.106	20.60	0.115
3	64QAM	15	0	20.17	0.104	20.31	0.107	20.33	0.108



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.12	0.163	22.20	0.166	22.13	0.163
1.4	QPSK	1	3	22.04	0.160	22.17	0.165	22.15	0.164
1.4	QPSK	1	5	22.05	0.160	21.83	0.152	22.12	0.163
1.4	QPSK	3	0	21.29	0.135	21.21	0.132	21.30	0.135
1.4	QPSK	3	1	21.24	0.133	21.21	0.132	21.35	0.136
1.4	QPSK	3	3	21.23	0.133	21.16	0.131	21.25	0.133
1.4	QPSK	6	0	21.66	0.147	21.56	0.143	21.25	0.133
1.4	16QAM	1	0	21.68	0.147	21.66	0.147	21.59	0.144
1.4	16QAM	1	3	21.59	0.144	21.56	0.143	21.66	0.147
1.4	16QAM	1	5	21.66	0.147	21.41	0.138	21.56	0.143
1.4	16QAM	3	0	20.22	0.105	20.40	0.110	20.29	0.107
1.4	16QAM	3	1	20.27	0.106	20.22	0.105	20.35	0.108
1.4	16QAM	3	3	20.21	0.105	20.26	0.106	20.68	0.117
1.4	16QAM	6	0	20.29	0.107	20.37	0.109	20.37	0.109
1.4	64QAM	1	0	20.54	0.113	20.56	0.114	20.66	0.116
1.4	64QAM	1	3	20.62	0.115	20.56	0.114	20.58	0.114
1.4	64QAM	1	5	20.52	0.113	20.59	0.115	20.69	0.117
1.4	64QAM	3	0	20.30	0.107	20.36	0.109	20.28	0.107
1.4	64QAM	3	1	20.30	0.107	20.33	0.108	20.32	0.108
1.4	64QAM	3	3	20.32	0.108	20.28	0.107	20.64	0.116
1.4	64QAM	6	0	20.21	0.105	20.35	0.108	20.37	0.109



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.46	0.176	22.59	0.182	22.68	0.185
10	QPSK	1	25	22.28	0.169	22.48	0.177	22.32	0.171
10	QPSK	1	49	22.50	0.178	22.67	0.185	22.60	0.182
10	QPSK	25	0	21.38	0.137	21.36	0.137	21.67	0.147
10	QPSK	25	12	21.52	0.142	21.72	0.149	21.55	0.143
10	QPSK	25	25	21.62	0.145	21.66	0.147	21.55	0.143
10	QPSK	50	0	21.60	0.145	21.57	0.144	21.64	0.146
10	16QAM	1	0	21.52	0.142	21.55	0.143	21.35	0.136
10	16QAM	1	25	21.79	0.151	21.67	0.147	21.60	0.145
10	16QAM	1	49	21.50	0.141	21.69	0.148	21.49	0.141
10	16QAM	25	0	20.33	0.108	20.71	0.118	20.65	0.116
10	16QAM	25	12	20.33	0.108	20.52	0.113	20.65	0.116
10	16QAM	25	25	20.62	0.115	20.55	0.114	20.62	0.115
10	16QAM	50	0	20.26	0.106	20.31	0.107	20.46	0.111
10	64QAM	1	0	20.24	0.106	20.31	0.107	20.55	0.114
10	64QAM	1	25	20.34	0.108	20.34	0.108	20.52	0.113
10	64QAM	1	49	20.38	0.109	20.26	0.106	20.62	0.115
10	64QAM	25	0	20.33	0.108	20.65	0.116	20.58	0.114
10	64QAM	25	12	20.36	0.109	20.54	0.113	20.52	0.113
10	64QAM	25	25	20.34	0.108	20.42	0.110	20.50	0.112
10	64QAM	50	0	20.45	0.111	20.52	0.113	20.23	0.105



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.22	0.167	22.41	0.174	22.66	0.185
5	QPSK	1	12	22.30	0.170	22.44	0.175	22.24	0.167
5	QPSK	1	24	22.30	0.170	22.57	0.181	22.32	0.171
5	QPSK	12	0	21.41	0.138	21.43	0.139	21.40	0.138
5	QPSK	12	7	21.06	0.128	21.44	0.139	21.53	0.142
5	QPSK	12	13	21.25	0.133	21.51	0.142	21.25	0.133
5	QPSK	25	0	21.37	0.137	21.31	0.135	21.50	0.141
5	16QAM	1	0	21.25	0.133	21.25	0.133	21.26	0.134
5	16QAM	1	12	21.22	0.132	21.26	0.134	21.22	0.132
5	16QAM	1	24	21.42	0.139	21.55	0.143	21.55	0.143
5	16QAM	12	0	20.19	0.104	20.34	0.108	20.42	0.110
5	16QAM	12	7	20.54	0.113	20.43	0.110	20.42	0.110
5	16QAM	12	13	20.52	0.113	20.29	0.107	20.23	0.105
5	16QAM	25	0	20.53	0.113	20.38	0.109	20.39	0.109
5	64QAM	1	0	20.45	0.111	20.26	0.106	20.29	0.107
5	64QAM	1	12	20.35	0.108	20.40	0.110	20.66	0.116
5	64QAM	1	24	20.25	0.106	20.44	0.111	20.55	0.114
5	64QAM	12	0	20.51	0.112	20.29	0.107	20.33	0.108
5	64QAM	12	7	20.57	0.114	20.40	0.110	20.38	0.109
5	64QAM	12	13	20.41	0.110	20.30	0.107	20.22	0.105
5	64QAM	25	0	20.55	0.114	20.50	0.112	20.46	0.111



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.27	0.169	22.31	0.170	22.59	0.182
3	QPSK	1	8	22.63	0.183	22.23	0.167	22.44	0.175
3	QPSK	1	14	22.33	0.171	22.26	0.168	22.54	0.179
3	QPSK	8	0	21.20	0.132	21.62	0.145	21.48	0.141
3	QPSK	8	4	21.44	0.139	21.51	0.142	21.51	0.142
3	QPSK	8	7	21.55	0.143	21.46	0.140	21.29	0.135
3	QPSK	15	0	21.37	0.137	21.33	0.136	21.62	0.145
3	16QAM	1	0	21.51	0.142	21.78	0.151	21.55	0.143
3	16QAM	1	8	21.86	0.153	21.42	0.139	21.92	0.156
3	16QAM	1	14	21.74	0.149	21.75	0.150	21.70	0.148
3	16QAM	8	0	20.32	0.108	20.52	0.113	20.54	0.113
3	16QAM	8	4	20.41	0.110	20.58	0.114	20.36	0.109
3	16QAM	8	7	20.36	0.109	20.43	0.110	20.44	0.111
3	16QAM	15	0	20.37	0.109	20.29	0.107	20.44	0.111
3	64QAM	1	0	20.40	0.110	20.42	0.110	20.44	0.111
3	64QAM	1	8	20.31	0.107	20.31	0.107	20.23	0.105
3	64QAM	1	14	20.38	0.109	20.26	0.106	20.33	0.108
3	64QAM	8	0	20.40	0.110	20.37	0.109	20.42	0.110
3	64QAM	8	4	20.43	0.110	20.22	0.105	20.48	0.112
3	64QAM	8	7	20.52	0.113	20.20	0.105	20.21	0.105
3	64QAM	15	0	20.17	0.104	20.40	0.110	20.40	0.110



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.27	0.169	22.18	0.165	22.55	0.180
1.4	QPSK	1	3	22.34	0.171	22.23	0.167	22.40	0.174
1.4	QPSK	1	5	22.32	0.171	22.26	0.168	22.45	0.176
1.4	QPSK	3	0	22.50	0.178	22.39	0.173	22.45	0.176
1.4	QPSK	3	1	22.43	0.175	22.38	0.173	22.58	0.181
1.4	QPSK	3	3	22.38	0.173	22.36	0.172	22.48	0.177
1.4	QPSK	6	0	21.56	0.143	21.39	0.138	21.57	0.144
1.4	16QAM	1	0	21.22	0.132	21.32	0.136	21.32	0.136
1.4	16QAM	1	3	21.44	0.139	21.42	0.139	21.42	0.139
1.4	16QAM	1	5	21.22	0.132	21.49	0.141	21.44	0.139
1.4	16QAM	3	0	21.75	0.150	21.67	0.147	21.54	0.143
1.4	16QAM	3	1	21.66	0.147	21.58	0.144	21.69	0.148
1.4	16QAM	3	3	21.45	0.140	21.71	0.148	21.37	0.137
1.4	16QAM	6	0	20.62	0.115	20.61	0.115	20.55	0.114
1.4	64QAM	1	0	20.46	0.111	20.60	0.115	20.62	0.115
1.4	64QAM	1	3	20.55	0.114	20.54	0.113	20.55	0.114
1.4	64QAM	1	5	20.62	0.115	20.60	0.115	20.50	0.112
1.4	64QAM	3	0	20.56	0.114	20.55	0.114	20.48	0.112
1.4	64QAM	3	1	20.54	0.113	20.61	0.115	20.51	0.112
1.4	64QAM	3	3	20.58	0.114	20.62	0.115	20.70	0.117
1.4	64QAM	6	0	20.29	0.107	20.29	0.107	20.27	0.106



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.32	0.086	19.27	0.085	19.42	0.087
20	QPSK	1	49	19.24	0.084	19.10	0.081	19.11	0.081
20	QPSK	1	99	19.25	0.084	19.07	0.081	19.22	0.084
20	QPSK	50	0	18.29	0.067	18.21	0.066	18.47	0.070
20	QPSK	50	24	18.23	0.067	18.13	0.065	18.33	0.068
20	QPSK	50	50	18.16	0.065	18.31	0.068	18.19	0.066
20	QPSK	100	0	18.41	0.069	18.13	0.065	18.23	0.067
20	16QAM	1	0	18.52	0.071	18.33	0.068	18.53	0.071
20	16QAM	1	49	18.44	0.070	18.67	0.074	18.37	0.069
20	16QAM	1	99	18.35	0.068	18.24	0.067	18.42	0.070
20	16QAM	50	0	17.33	0.054	17.56	0.057	17.15	0.052
20	16QAM	50	24	17.44	0.055	17.12	0.052	17.16	0.052
20	16QAM	50	50	17.46	0.056	17.15	0.052	17.18	0.052
20	16QAM	100	0	17.11	0.051	17.17	0.052	17.42	0.055
20	64QAM	1	0	17.18	0.052	17.12	0.052	17.24	0.053
20	64QAM	1	49	17.16	0.052	17.34	0.054	17.26	0.053
20	64QAM	1	99	17.35	0.054	17.26	0.053	17.34	0.054
20	64QAM	50	0	17.34	0.054	17.33	0.054	17.09	0.051
20	64QAM	50	24	17.47	0.056	17.43	0.055	17.27	0.053
20	64QAM	50	50	17.40	0.055	17.45	0.056	17.20	0.052
20	64QAM	100	0	17.40	0.055	17.28	0.053	17.24	0.053





LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.09	0.081	18.98	0.079	18.94	0.078
15	QPSK	1	37	19.11	0.081	19.00	0.079	19.08	0.081
15	QPSK	1	74	19.24	0.084	18.98	0.079	19.02	0.080
15	QPSK	36	0	18.32	0.068	18.23	0.067	17.97	0.063
15	QPSK	36	20	18.20	0.066	18.21	0.066	18.25	0.067
15	QPSK	36	39	18.36	0.069	18.00	0.063	18.38	0.069
15	QPSK	75	0	18.25	0.067	18.28	0.067	18.39	0.069
15	16QAM	1	0	18.73	0.075	18.32	0.068	18.48	0.070
15	16QAM	1	37	19.06	0.081	18.94	0.078	18.52	0.071
15	16QAM	1	74	19.01	0.080	18.39	0.069	18.40	0.069
15	16QAM	36	0	17.05	0.051	17.20	0.052	17.20	0.052
15	16QAM	36	20	17.33	0.054	17.16	0.052	17.30	0.054
15	16QAM	36	39	17.09	0.051	17.12	0.052	17.19	0.052
15	16QAM	75	0	17.26	0.053	17.25	0.053	17.19	0.052
15	64QAM	1	0	17.35	0.054	17.33	0.054	17.28	0.053
15	64QAM	1	37	17.26	0.053	17.21	0.053	17.21	0.053
15	64QAM	1	74	17.34	0.054	17.34	0.054	17.55	0.057
15	64QAM	36	0	17.46	0.056	17.38	0.055	17.51	0.056
15	64QAM	36	20	17.27	0.053	17.24	0.053	17.40	0.055
15	64QAM	36	39	17.43	0.055	17.20	0.052	17.17	0.052
15	64QAM	75	0	17.12	0.052	17.33	0.054	17.32	0.054



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.05	0.080	19.17	0.083	18.99	0.079
10	QPSK	1	25	19.18	0.083	19.28	0.085	18.96	0.079
10	QPSK	1	49	19.10	0.081	19.20	0.083	18.72	0.074
10	QPSK	25	0	18.38	0.069	18.14	0.065	18.06	0.064
10	QPSK	25	12	18.22	0.066	18.15	0.065	18.18	0.066
10	QPSK	25	25	18.13	0.065	18.13	0.065	18.24	0.067
10	QPSK	50	0	18.23	0.067	17.95	0.062	18.24	0.067
10	16QAM	1	0	18.42	0.070	18.48	0.070	18.52	0.071
10	16QAM	1	25	18.26	0.067	18.40	0.069	18.29	0.067
10	16QAM	1	49	18.75	0.075	18.55	0.072	18.96	0.079
10	16QAM	25	0	17.51	0.056	17.79	0.060	17.19	0.052
10	16QAM	25	12	17.34	0.054	17.15	0.052	17.02	0.050
10	16QAM	25	25	17.40	0.055	17.28	0.053	17.12	0.052
10	16QAM	50	0	17.41	0.055	17.30	0.054	17.03	0.050
10	64QAM	1	0	17.26	0.053	17.35	0.054	17.22	0.053
10	64QAM	1	25	17.24	0.053	17.24	0.053	17.26	0.053
10	64QAM	1	49	17.34	0.054	17.24	0.053	17.25	0.053
10	64QAM	25	0	17.51	0.056	17.57	0.057	17.16	0.052
10	64QAM	25	12	17.22	0.053	17.70	0.059	17.20	0.052
10	64QAM	25	25	17.35	0.054	17.34	0.054	17.12	0.052
10	64QAM	50	0	17.16	0.052	17.32	0.054	17.20	0.052



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.33	0.086	19.14	0.082	18.99	0.079
5	QPSK	1	12	19.36	0.086	19.28	0.085	19.07	0.081
5	QPSK	1	24	19.32	0.086	19.11	0.081	19.12	0.082
5	QPSK	12	0	18.34	0.068	18.08	0.064	18.02	0.063
5	QPSK	12	7	18.23	0.067	18.07	0.064	18.19	0.066
5	QPSK	12	13	18.30	0.068	18.26	0.067	18.03	0.064
5	QPSK	25	0	18.39	0.069	18.09	0.064	18.04	0.064
5	16QAM	1	0	18.76	0.075	18.99	0.079	18.23	0.067
5	16QAM	1	12	18.65	0.073	18.42	0.070	18.73	0.075
5	16QAM	1	24	18.74	0.075	18.99	0.079	18.60	0.072
5	16QAM	12	0	17.37	0.055	17.23	0.053	17.07	0.051
5	16QAM	12	7	17.46	0.056	17.08	0.051	17.03	0.050
5	16QAM	12	13	17.40	0.055	17.20	0.052	17.15	0.052
5	16QAM	25	0	17.35	0.054	17.10	0.051	17.22	0.053
5	64QAM	1	0	17.34	0.054	17.30	0.054	17.24	0.053
5	64QAM	1	12	17.35	0.054	17.28	0.053	17.13	0.052
5	64QAM	1	24	17.24	0.053	17.13	0.052	17.15	0.052
5	64QAM	12	0	17.14	0.052	17.09	0.051	17.14	0.052
5	64QAM	12	7	17.06	0.051	17.09	0.051	17.09	0.051
5	64QAM	12	13	17.21	0.053	17.24	0.053	17.32	0.054
5	64QAM	25	0	17.38	0.055	17.28	0.053	17.22	0.053



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.58	0.181	22.53	0.179	22.72	0.187
10	QPSK	1	25	22.51	0.178	22.67	0.185	22.65	0.184
10	QPSK	1	49	22.51	0.178	22.63	0.183	22.71	0.187
10	QPSK	25	0	21.58	0.144	21.58	0.144	21.85	0.153
10	QPSK	25	12	21.62	0.145	21.72	0.149	21.53	0.142
10	QPSK	25	25	21.67	0.147	21.61	0.145	21.54	0.143
10	QPSK	50	0	21.65	0.146	21.83	0.152	21.55	0.143
10	16QAM	1	0	21.86	0.153	21.62	0.145	21.47	0.140
10	16QAM	1	25	21.65	0.146	21.52	0.142	21.65	0.146
10	16QAM	1	49	21.55	0.143	21.66	0.147	21.55	0.143
10	16QAM	25	0	21.32	0.136	21.52	0.142	21.62	0.145
10	16QAM	25	12	21.32	0.136	21.14	0.130	21.22	0.132
10	16QAM	25	25	21.22	0.132	21.23	0.133	21.23	0.133
10	16QAM	50	0	21.23	0.133	21.42	0.139	21.42	0.139
10	64QAM	1	0	21.65	0.146	21.55	0.143	21.59	0.144
10	64QAM	1	25	21.31	0.135	21.65	0.146	21.53	0.142
10	64QAM	1	49	21.78	0.151	21.71	0.148	21.59	0.144
10	64QAM	25	0	20.69	0.117	20.62	0.115	20.62	0.115
10	64QAM	25	12	20.76	0.119	20.55	0.114	20.52	0.113
10	64QAM	25	25	20.89	0.123	20.71	0.118	20.66	0.116
10	64QAM	50	0	20.84	0.121	20.98	0.125	20.88	0.122



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.64	0.184	22.39	0.173	22.47	0.177
5	QPSK	1	12	22.53	0.179	22.64	0.184	22.57	0.181
5	QPSK	1	24	22.65	0.184	22.68	0.185	22.57	0.181
5	QPSK	12	0	21.52	0.142	21.63	0.146	21.71	0.148
5	QPSK	12	7	21.50	0.141	21.84	0.153	21.57	0.144
5	QPSK	12	13	21.55	0.143	21.51	0.142	21.83	0.152
5	QPSK	25	0	21.69	0.148	21.87	0.154	21.72	0.149
5	16QAM	1	0	21.71	0.148	21.58	0.144	21.86	0.153
5	16QAM	1	12	21.55	0.143	21.55	0.143	21.62	0.145
5	16QAM	1	24	21.69	0.148	21.62	0.145	21.55	0.143
5	16QAM	12	0	21.62	0.145	21.55	0.143	21.52	0.142
5	16QAM	12	7	21.55	0.143	21.62	0.145	21.66	0.147
5	16QAM	12	13	21.62	0.145	21.60	0.145	21.62	0.145
5	16QAM	25	0	21.66	0.147	21.52	0.142	21.62	0.145
5	64QAM	1	0	21.48	0.141	21.51	0.142	21.62	0.145
5	64QAM	1	12	21.56	0.143	21.62	0.145	21.55	0.143
5	64QAM	1	24	21.62	0.145	21.70	0.148	21.54	0.143
5	64QAM	12	0	20.44	0.111	20.76	0.119	20.90	0.123
5	64QAM	12	7	20.82	0.121	20.66	0.116	20.78	0.120
5	64QAM	12	13	20.56	0.114	20.60	0.115	20.66	0.116
5	64QAM	25	0	20.82	0.121	20.62	0.115	20.78	0.120



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.41	0.174	22.53	0.179	22.57	0.181
3	QPSK	1	8	22.51	0.178	22.67	0.185	22.54	0.179
3	QPSK	1	14	22.51	0.178	22.63	0.183	22.71	0.187
3	QPSK	8	0	21.58	0.144	21.58	0.144	21.66	0.147
3	QPSK	8	4	21.62	0.145	21.93	0.156	21.53	0.142
3	QPSK	8	7	21.67	0.147	21.61	0.145	21.90	0.155
3	QPSK	15	0	21.65	0.146	21.83	0.152	21.55	0.143
3	16QAM	1	0	21.86	0.153	21.62	0.145	21.47	0.140
3	16QAM	1	8	21.62	0.145	21.66	0.147	21.67	0.147
3	16QAM	1	14	21.85	0.153	21.62	0.145	21.55	0.143
3	16QAM	8	0	21.55	0.143	21.52	0.142	21.62	0.145
3	16QAM	8	4	21.62	0.145	21.64	0.146	21.55	0.143
3	16QAM	8	7	21.62	0.145	21.55	0.143	21.62	0.145
3	16QAM	15	0	21.52	0.142	21.25	0.133	21.67	0.147
3	64QAM	1	0	21.65	0.146	21.62	0.145	21.59	0.144
3	64QAM	1	8	21.62	0.145	21.65	0.146	21.62	0.145
3	64QAM	1	14	21.78	0.151	21.71	0.148	21.59	0.144
3	64QAM	8	0	20.62	0.115	20.62	0.115	20.66	0.116
3	64QAM	8	4	20.76	0.119	20.55	0.114	20.72	0.118
3	64QAM	8	7	20.89	0.123	20.71	0.118	20.77	0.119
3	64QAM	15	0	20.84	0.121	20.58	0.114	20.88	0.122



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.07	0.161	22.19	0.166	22.23	0.167
1.4	QPSK	1	3	22.17	0.165	22.33	0.171	22.20	0.166
1.4	QPSK	1	5	22.17	0.165	22.29	0.169	22.26	0.168
1.4	QPSK	3	0	22.24	0.167	22.24	0.167	22.32	0.171
1.4	QPSK	3	1	22.28	0.169	22.26	0.168	22.19	0.166
1.4	QPSK	3	3	22.33	0.171	22.27	0.169	22.24	0.167
1.4	QPSK	6	0	21.31	0.135	21.49	0.141	21.21	0.132
1.4	16QAM	1	0	21.52	0.142	21.28	0.134	21.13	0.130
1.4	16QAM	1	3	21.28	0.134	21.32	0.136	21.33	0.136
1.4	16QAM	1	5	21.51	0.142	21.28	0.134	21.21	0.132
1.4	16QAM	3	0	21.21	0.132	21.18	0.131	21.28	0.134
1.4	16QAM	3	1	21.28	0.134	21.30	0.135	21.21	0.132
1.4	16QAM	3	3	21.28	0.134	21.21	0.132	21.28	0.134
1.4	16QAM	6	0	21.18	0.131	20.91	0.123	21.33	0.136
1.4	64QAM	1	0	21.31	0.135	21.28	0.134	21.25	0.133
1.4	64QAM	1	3	21.28	0.134	21.31	0.135	21.28	0.134
1.4	64QAM	1	5	21.44	0.139	21.37	0.137	21.25	0.133
1.4	64QAM	3	0	21.55	0.143	21.22	0.132	21.32	0.136
1.4	64QAM	3	1	21.42	0.139	21.22	0.132	21.38	0.137
1.4	64QAM	3	3	21.25	0.133	21.20	0.132	21.43	0.139
1.4	64QAM	6	0	20.50	0.112	20.24	0.106	20.54	0.113



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.42	0.175	22.56	0.180	22.70	0.186
10	QPSK	1	25	22.26	0.168	22.51	0.178	22.51	0.178
10	QPSK	1	49	22.43	0.175	22.58	0.181	22.57	0.181
10	QPSK	25	0	21.21	0.132	21.51	0.142	21.57	0.144
10	QPSK	25	12	21.55	0.143	21.26	0.134	21.12	0.129
10	QPSK	25	25	21.14	0.130	21.11	0.129	21.49	0.141
10	QPSK	50	0	21.59	0.144	21.21	0.132	21.21	0.132
10	16QAM	1	0	21.86	0.153	21.80	0.151	21.83	0.152
10	16QAM	1	25	21.55	0.143	21.84	0.153	21.90	0.155
10	16QAM	1	49	21.62	0.145	21.87	0.154	21.82	0.152
10	16QAM	25	0	21.55	0.143	21.52	0.142	21.52	0.142
10	16QAM	25	12	21.62	0.145	21.62	0.145	21.62	0.145
10	16QAM	25	25	21.55	0.143	21.62	0.145	21.55	0.143
10	16QAM	50	0	21.42	0.139	21.22	0.132	21.62	0.145
10	64QAM	1	0	21.60	0.145	21.58	0.144	21.51	0.142
10	64QAM	1	25	21.69	0.148	21.64	0.146	21.53	0.142
10	64QAM	1	49	21.76	0.150	21.72	0.149	21.54	0.143
10	64QAM	25	0	20.75	0.119	20.78	0.120	20.50	0.112
10	64QAM	25	12	20.57	0.114	20.49	0.112	20.58	0.114
10	64QAM	25	25	20.67	0.117	20.66	0.116	20.65	0.116
10	64QAM	50	0	20.65	0.116	20.55	0.114	20.46	0.111





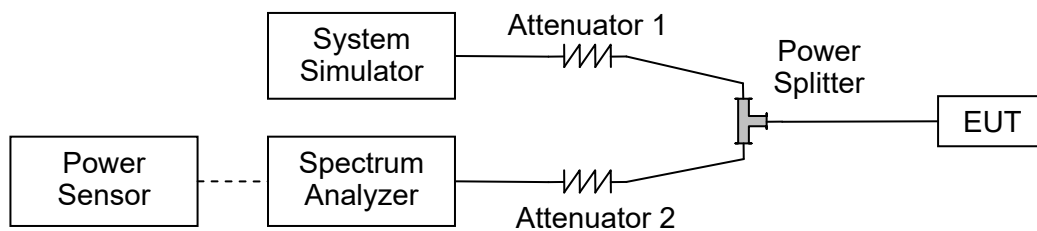
LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.20	0.166	22.49	0.177	22.63	0.183
5	QPSK	1	12	22.44	0.175	22.46	0.176	22.54	0.179
5	QPSK	1	24	22.50	0.178	22.45	0.176	22.52	0.179
5	QPSK	12	0	21.20	0.132	21.47	0.140	21.52	0.142
5	QPSK	12	7	21.25	0.133	21.17	0.131	21.59	0.144
5	QPSK	12	13	21.51	0.142	21.52	0.142	21.56	0.143
5	QPSK	25	0	21.12	0.129	21.12	0.129	21.52	0.142
5	16QAM	1	0	21.82	0.152	21.93	0.156	21.68	0.147
5	16QAM	1	12	21.82	0.152	21.68	0.147	21.76	0.150
5	16QAM	1	24	21.79	0.151	21.88	0.154	21.64	0.146
5	16QAM	12	0	21.52	0.142	21.45	0.140	21.36	0.137
5	16QAM	12	7	21.62	0.145	21.62	0.145	21.35	0.136
5	16QAM	12	13	21.44	0.139	21.44	0.139	21.37	0.137
5	16QAM	25	0	21.22	0.132	21.35	0.136	21.34	0.136
5	64QAM	1	0	21.32	0.136	21.60	0.145	21.43	0.139
5	64QAM	1	12	21.56	0.143	21.55	0.143	21.64	0.146
5	64QAM	1	24	21.72	0.149	21.52	0.142	21.55	0.143
5	64QAM	12	0	20.38	0.109	20.56	0.114	20.43	0.110
5	64QAM	12	7	20.40	0.110	20.74	0.119	20.46	0.111
5	64QAM	12	13	20.37	0.109	20.71	0.118	20.56	0.114
5	64QAM	25	0	20.64	0.116	20.55	0.114	20.45	0.111

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

### 2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

### 2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.31
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.27
	High	QPSK	1.10	1.32
	High	16QAM	1.10	1.28
	High	64QAM	1.10	1.27
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.72	3.13
	Low	64QAM	2.72	3.17
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.71	3.11
	Mid	64QAM	2.72	3.13
	High	QPSK	2.72	3.03
	High	16QAM	2.71	3.14
	High	64QAM	2.73	3.13
5	Low	QPSK	4.52	5.4
	Low	16QAM	4.52	5.29
	Low	64QAM	4.50	5.19
	Mid	QPSK	4.52	5.27
	Mid	16QAM	4.52	5.39
	Mid	64QAM	4.53	5.44
	High	QPSK	4.52	5.44
	High	16QAM	4.52	5.42
	High	64QAM	4.51	5.3
10	Low	QPSK	8.96	9.55
	Low	16QAM	8.98	10.04
	Low	64QAM	9.01	9.94
	Mid	QPSK	9.02	10.22
	Mid	16QAM	8.98	9.92
	Mid	64QAM	9.01	9.91
	High	QPSK	9.03	10.32
	High	16QAM	8.99	10.0
	High	64QAM	9.01	10.0



15	Low	QPSK	13.49	14.99
	Low	16QAM	13.49	15.26
	Low	64QAM	13.49	15.27
	Mid	QPSK	13.53	15.22
	Mid	16QAM	13.52	15.3
	Mid	64QAM	13.53	15.24
	High	QPSK	13.49	15.10
	High	16QAM	13.47	15.33
	High	64QAM	13.50	15.84
20	Low	QPSK	17.98	19.92
	Low	16QAM	17.99	20.39
	Low	64QAM	17.99	19.73
	Mid	QPSK	18.05	20.27
	Mid	16QAM	18.07	20.18
	Mid	64QAM	18.11	20.54
	High	QPSK	17.91	19.99
	High	16QAM	17.94	19.73
	High	64QAM	17.95	20.11



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.32
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.33
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.27
3	Low	QPSK	2.72	3.07
	Low	16QAM	2.73	3.15
	Low	64QAM	2.72	3.15
	Mid	QPSK	2.72	3.06
	Mid	16QAM	2.72	3.12
	Mid	64QAM	2.73	3.08
	High	QPSK	2.72	3.04
	High	16QAM	2.72	3.13
	High	64QAM	2.73	3.2
5	Low	QPSK	4.51	5.22
	Low	16QAM	4.52	5.42
	Low	64QAM	4.51	5.27
	Mid	QPSK	4.52	5.35
	Mid	16QAM	4.52	5.33
	Mid	64QAM	4.51	5.28
	High	QPSK	4.52	5.51
	High	16QAM	4.51	5.39
	High	64QAM	4.51	5.33
10	Low	QPSK	9.01	10.24
	Low	16QAM	8.99	9.96
	Low	64QAM	9.00	10.05
	Mid	QPSK	9.00	10.27
	Mid	16QAM	8.98	9.90
	Mid	64QAM	9.00	10.02
	High	QPSK	9.03	10.10
	High	16QAM	9.00	10.02
	High	64QAM	9.02	9.98



15	Low	QPSK	13.48	14.96
	Low	16QAM	13.51	15.48
	Low	64QAM	13.52	15.46
	Mid	QPSK	13.45	14.42
	Mid	16QAM	13.48	15.24
	Mid	64QAM	13.49	15.23
	High	QPSK	13.51	15.22
	High	16QAM	13.50	15.31
	High	64QAM	13.51	15.29
20	Low	QPSK	18.03	19.77
	Low	16QAM	18.06	20.34
	Low	64QAM	18.03	19.97
	Mid	QPSK	17.98	19.79
	Mid	16QAM	17.99	20.04
	Mid	64QAM	17.99	19.95
	High	QPSK	18.05	20.63
	High	16QAM	18.07	20.20
	High	64QAM	18.05	20.41



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.26
	Low	16QAM	1.10	1.27
	Low	64QAM	1.10	1.27
	Mid	QPSK	1.10	1.31
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.28
3	Low	QPSK	2.72	3.06
	Low	16QAM	2.72	3.13
	Low	64QAM	2.72	3.12
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.72	3.15
	Mid	64QAM	2.72	3.15
	High	QPSK	2.72	3.07
	High	16QAM	2.72	3.14
	High	64QAM	2.71	3.12
5	Low	QPSK	4.52	5.39
	Low	16QAM	4.51	5.53
	Low	64QAM	4.51	5.30
	Mid	QPSK	4.52	5.29
	Mid	16QAM	4.52	5.42
	Mid	64QAM	4.51	5.41
	High	QPSK	4.51	5.10
	High	16QAM	4.51	5.48
	High	64QAM	4.51	5.36
10	Low	QPSK	9.02	10.26
	Low	16QAM	8.97	9.98
	Low	64QAM	9.00	9.99
	Mid	QPSK	9.02	10.29
	Mid	16QAM	8.99	10.09
	Mid	64QAM	9.00	9.87
	High	QPSK	9.00	10.20
	High	16QAM	8.98	9.96
	High	64QAM	9.02	9.99



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.57
	Low	16QAM	4.52	5.44
	Low	64QAM	4.50	5.43
	Mid	QPSK	4.52	5.37
	Mid	16QAM	4.52	5.46
	Mid	64QAM	4.50	5.38
	High	QPSK	4.52	5.47
	High	16QAM	4.51	5.41
	High	64QAM	4.50	5.21
10	Low	QPSK	9.02	10.27
	Low	16QAM	8.98	9.86
	Low	64QAM	8.99	9.88
	Mid	QPSK	9.03	10.22
	Mid	16QAM	8.98	10.07
	Mid	64QAM	8.99	9.86
	High	QPSK	9.02	10.27
	High	16QAM	8.99	10.02
	High	64QAM	9.01	9.95
15	Low	QPSK	13.49	15.23
	Low	16QAM	13.52	15.25
	Low	64QAM	13.49	15.37
	Mid	QPSK	13.51	15.34
	Mid	16QAM	13.49	15.50
	Mid	64QAM	13.50	15.43
	High	QPSK	13.49	15.28
	High	16QAM	13.51	15.25
	High	64QAM	13.51	15.38
20	Low	QPSK	18.0	20.23
	Low	16QAM	18.04	20.04
	Low	64QAM	18.02	20.36
	Mid	QPSK	18.03	20.42
	Mid	16QAM	18.05	20.37
	Mid	64QAM	18.03	20.37
	High	QPSK	18.01	20.54
	High	16QAM	18.04	20.15
	High	64QAM	18.00	20.05

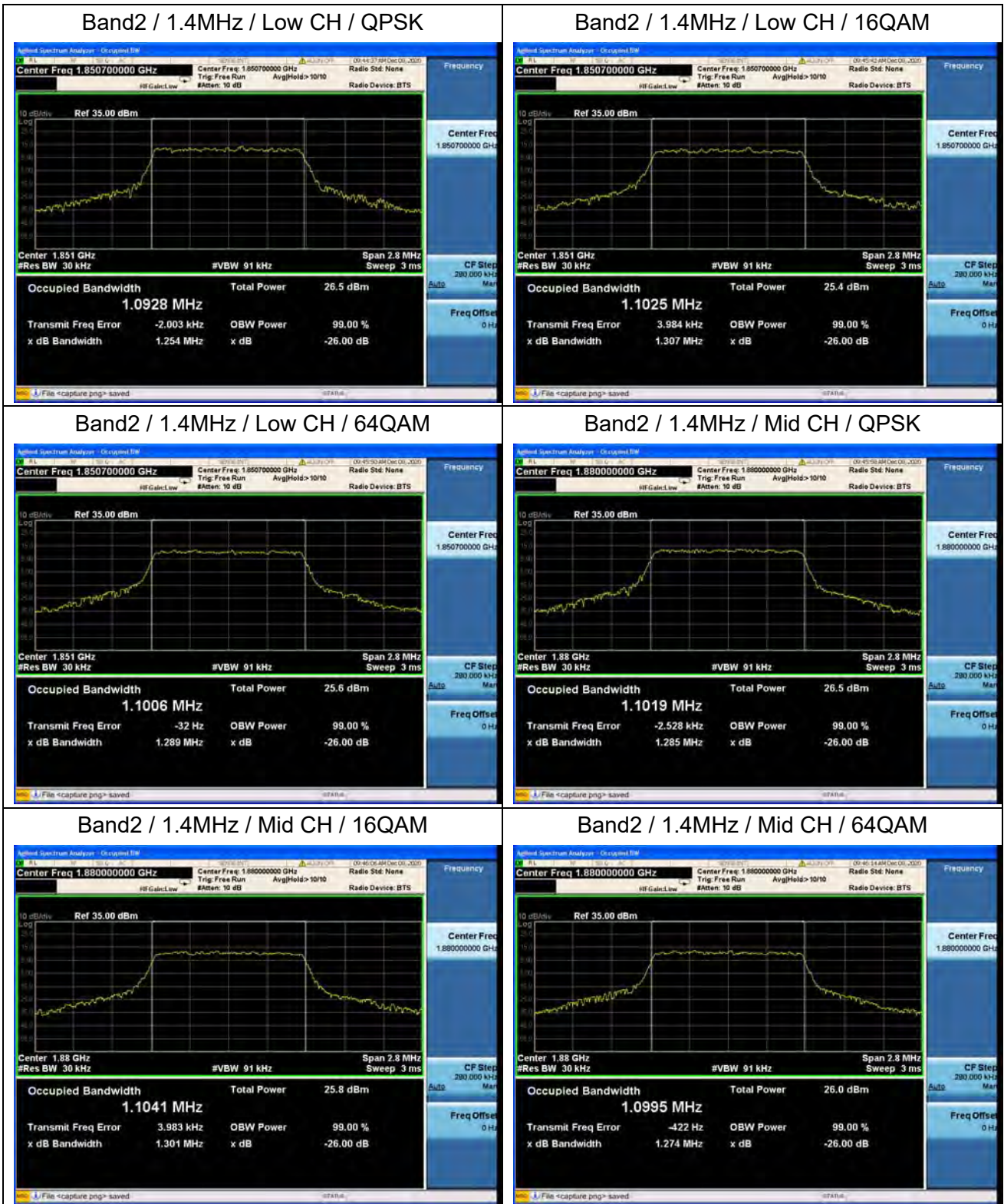


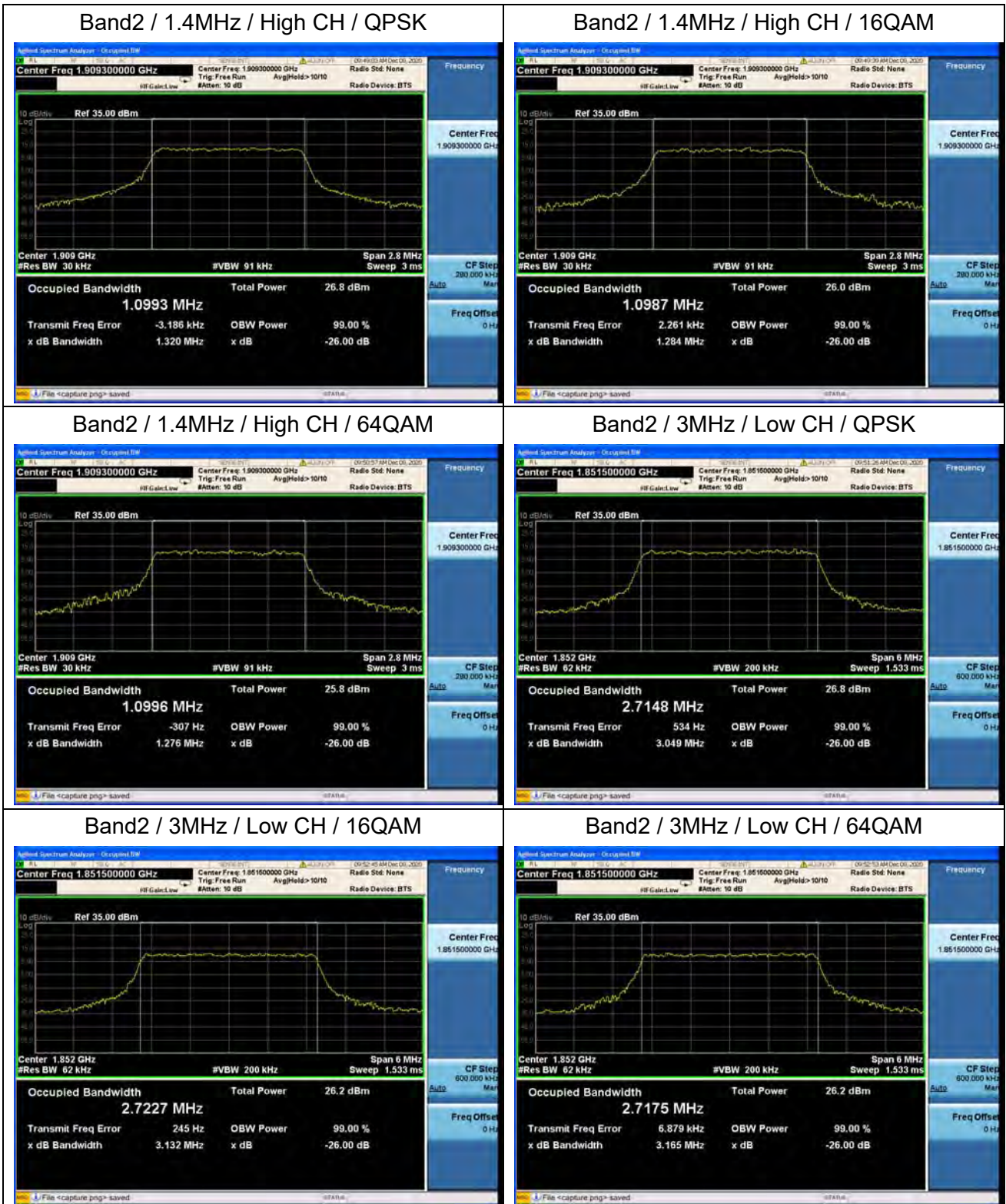


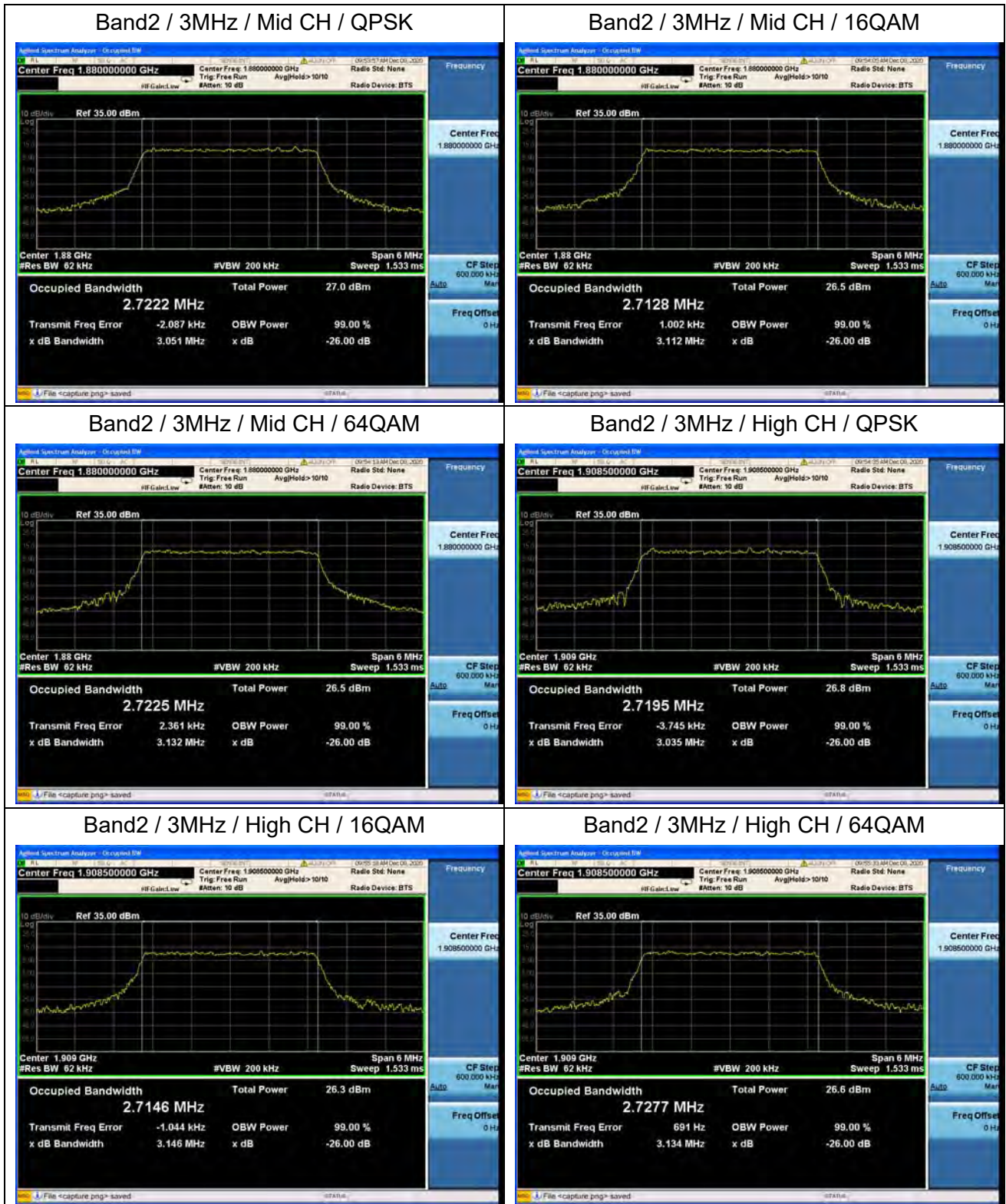
LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.27
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.27
	High	QPSK	1.10	1.31
	High	16QAM	1.10	1.27
	High	64QAM	1.10	1.29
3	Low	QPSK	2.72	3.03
	Low	16QAM	2.68	2.97
	Low	64QAM	2.72	3.07
	Mid	QPSK	2.72	3.04
	Mid	16QAM	2.72	3.14
	Mid	64QAM	2.72	3.14
	High	QPSK	2.72	3.05
	High	16QAM	2.72	3.14
	High	64QAM	2.73	3.16
5	Low	QPSK	4.53	5.35
	Low	16QAM	4.52	5.54
	Low	64QAM	4.52	5.51
	Mid	QPSK	4.51	5.4
	Mid	16QAM	4.51	5.3
	Mid	64QAM	4.51	5.39
	High	QPSK	4.52	5.43
	High	16QAM	4.51	5.45
	High	64QAM	4.51	5.28
10	Low	QPSK	9.03	10.19
	Low	16QAM	8.97	9.87
	Low	64QAM	9.00	9.86
	Mid	QPSK	9.01	10.14
	Mid	16QAM	8.97	10.02
	Mid	64QAM	8.97	9.97
	High	QPSK	9.03	10.18
	High	16QAM	8.98	10.08
	High	64QAM	9.01	10.03



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.28
	Low	16QAM	4.51	5.29
	Low	64QAM	4.50	5.29
	Mid	QPSK	4.51	5.42
	Mid	16QAM	4.52	5.31
	Mid	64QAM	4.50	5.29
	High	QPSK	4.53	5.47
	High	16QAM	4.51	5.20
	High	64QAM	4.52	5.42
10	Low	QPSK	9.02	10.21
	Low	16QAM	8.98	9.95
	Low	64QAM	9.00	10.01
	Mid	QPSK	9.04	10.15
	Mid	16QAM	8.99	10.18
	Mid	64QAM	9.02	10.05
	High	QPSK	9.04	10.25
	High	16QAM	9.01	10.22
	High	64QAM	9.02	10.14

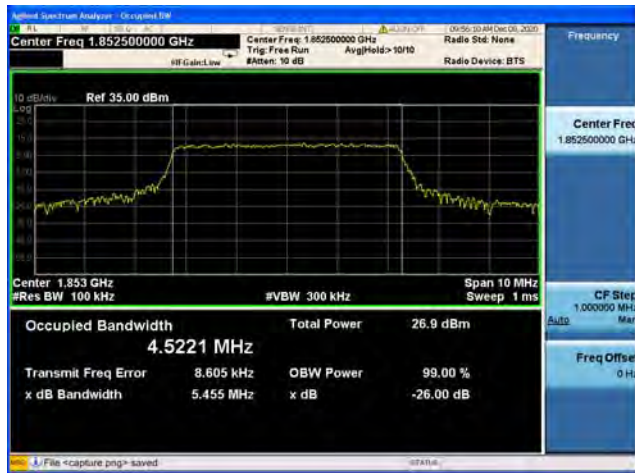




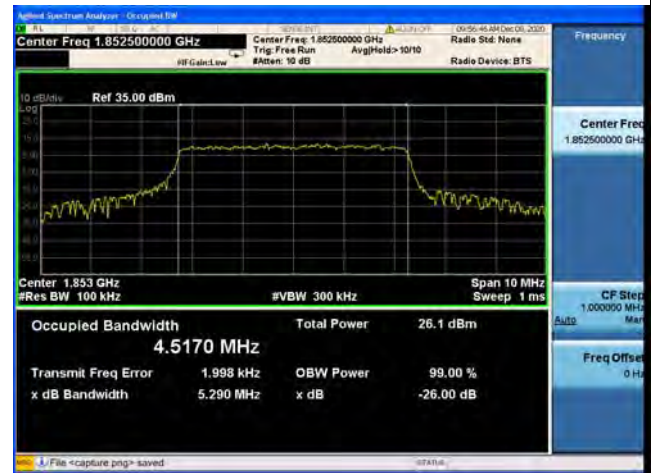




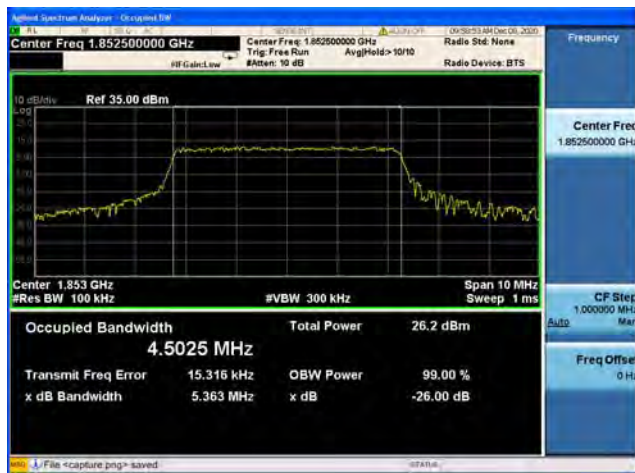
Band2 / 5MHz / Low CH / QPSK



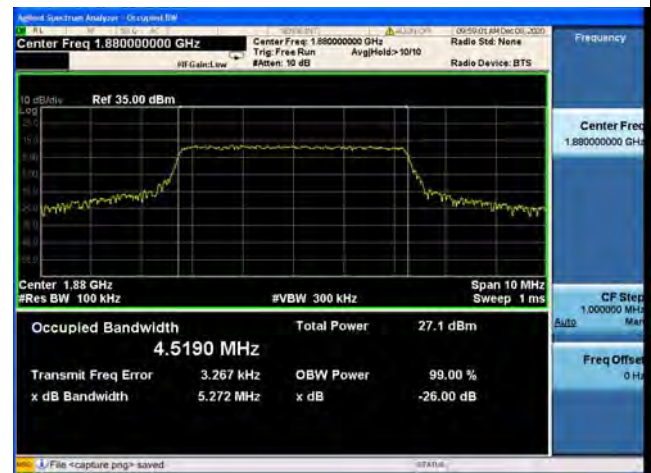
Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



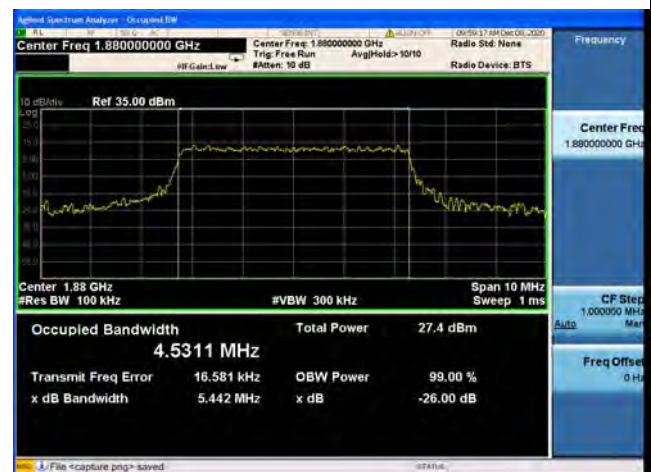
Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM

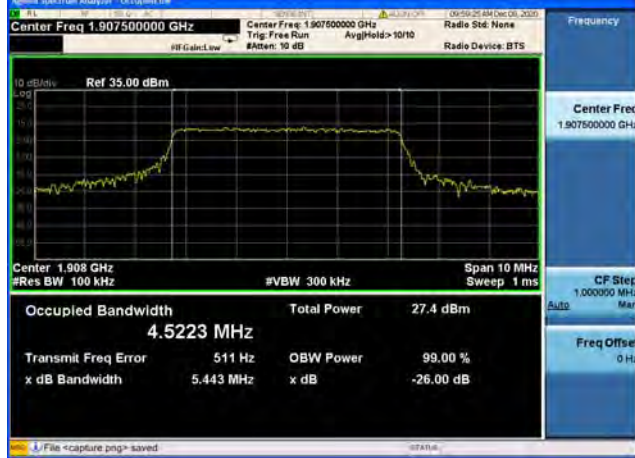


Band2 / 5MHz / Mid CH / 64QAM

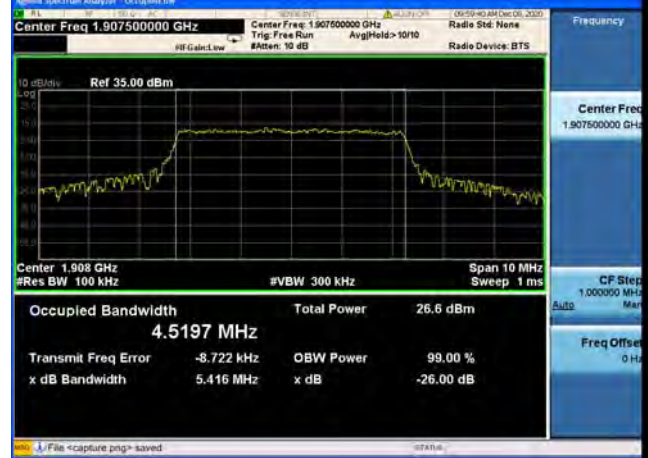




Band2 / 5MHz / High CH / QPSK



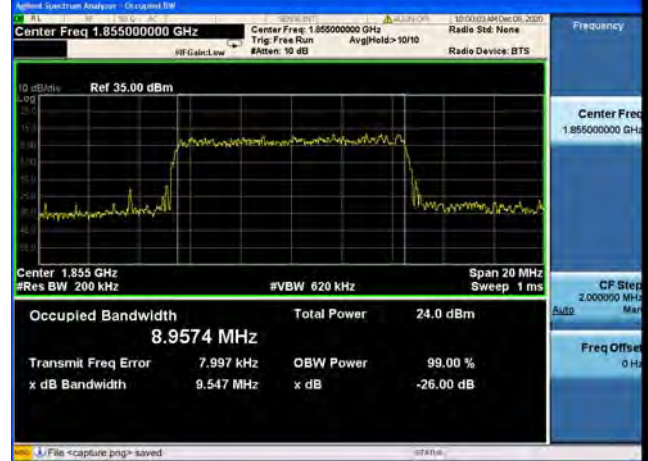
Band2 / 5MHz / High CH / 16QAM



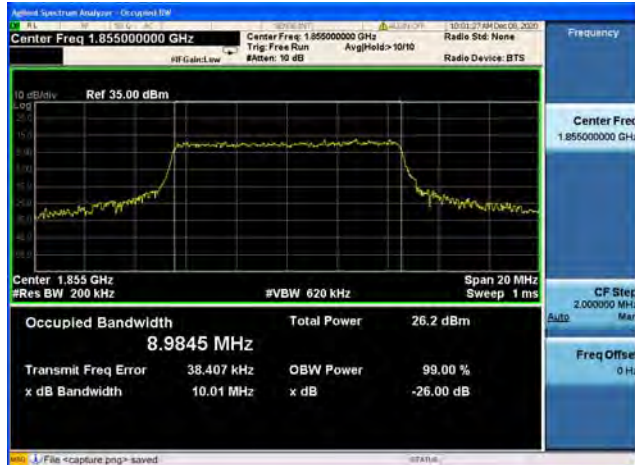
Band2 / 5MHz / High CH / 64QAM



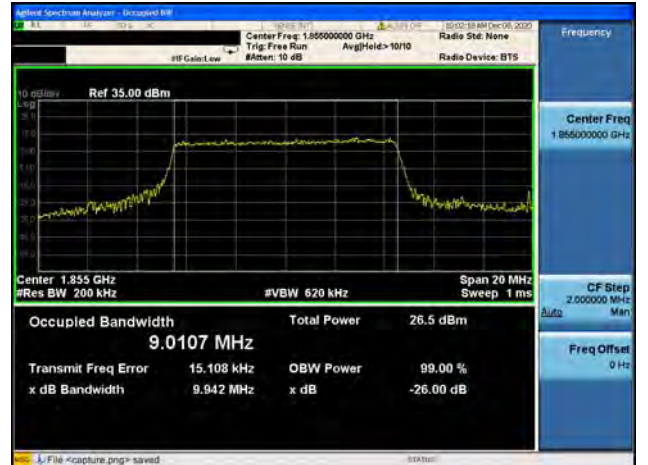
Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM



Band2 / 10MHz / Low CH / 64QAM

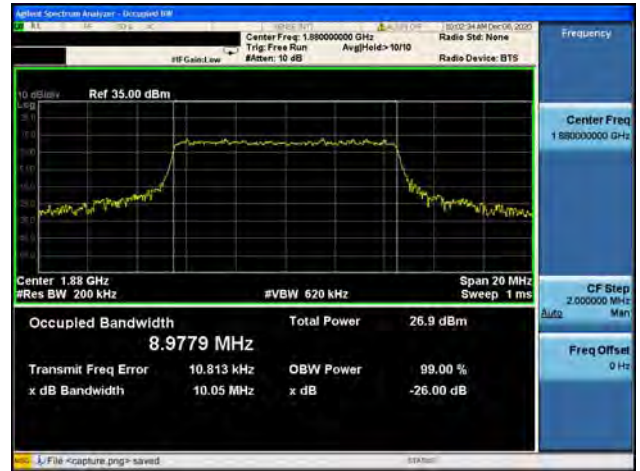




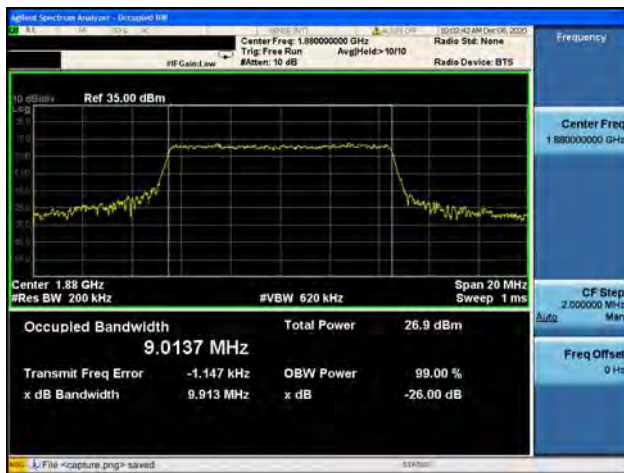
Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM



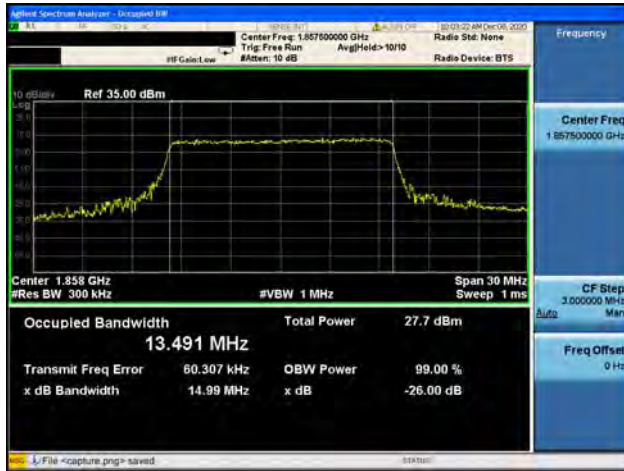
Band2 / 10MHz / High CH / 64QAM



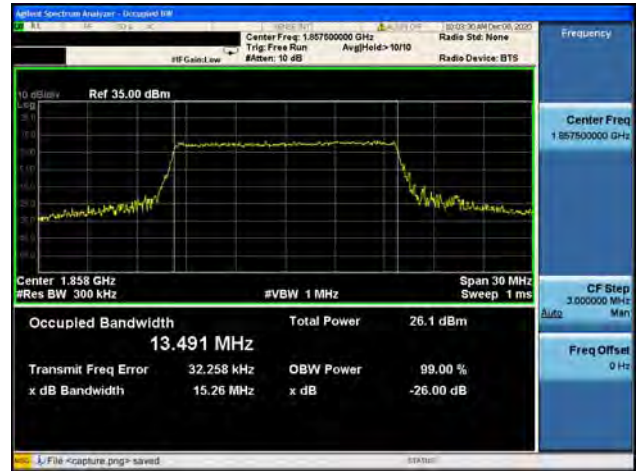




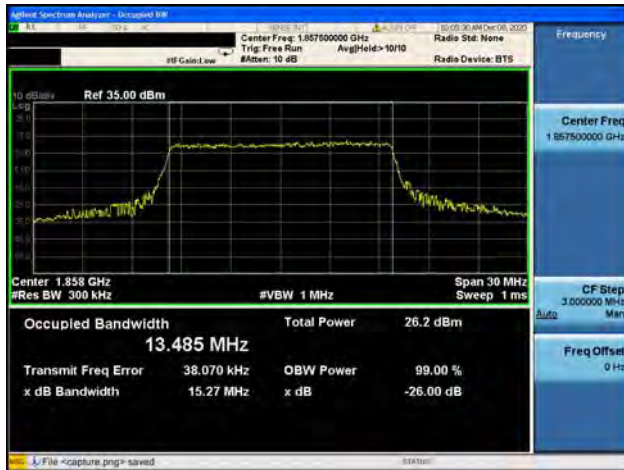
Band2 / 15MHz / Low CH / QPSK



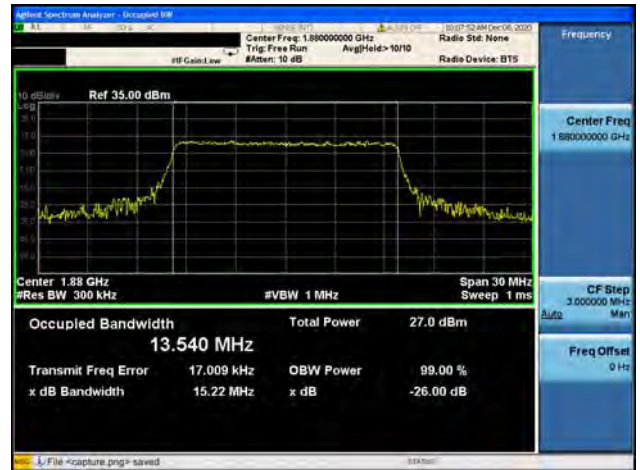
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Low CH / 64QAM



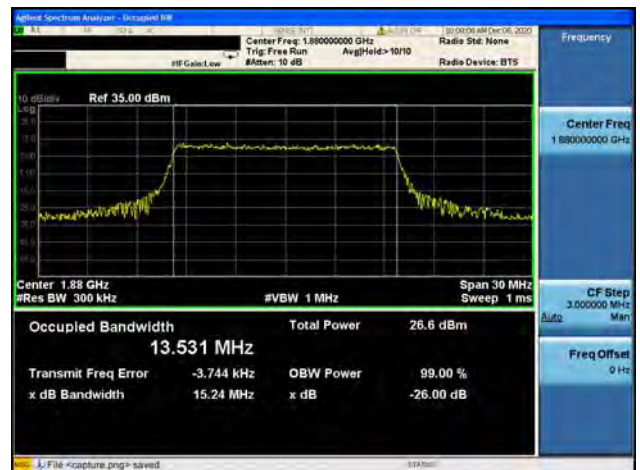
Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

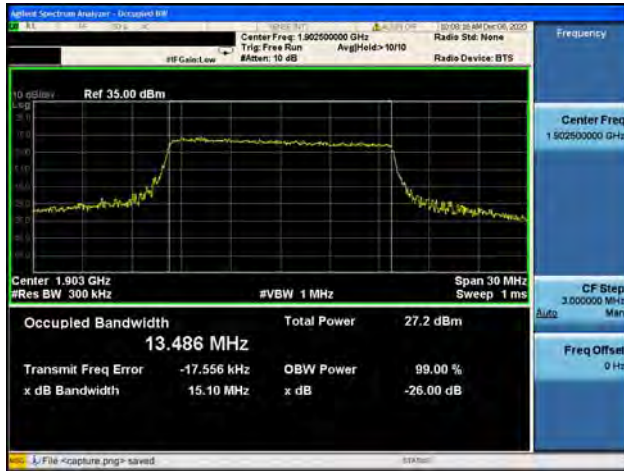


Band2 / 15MHz / Mid CH / 64QAM

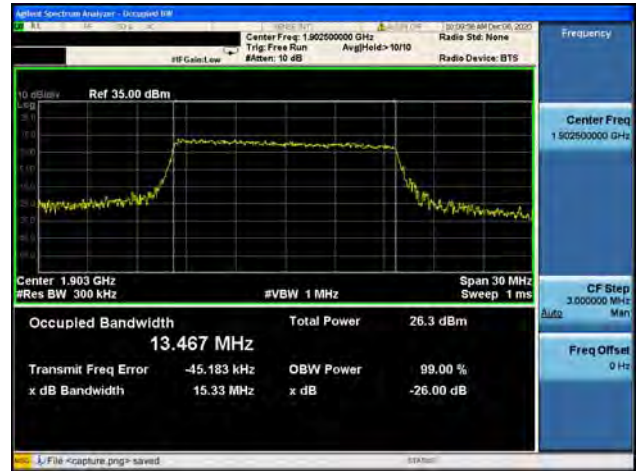




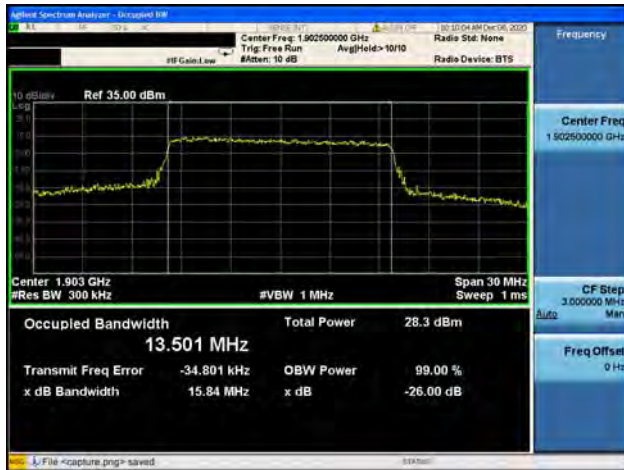
Band2 / 15MHz / High CH / QPSK



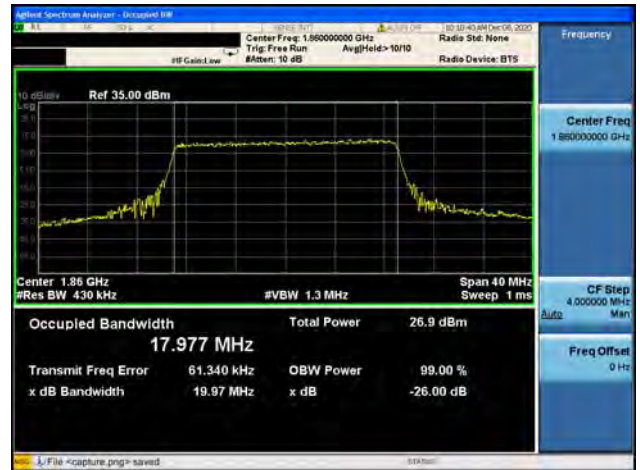
Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



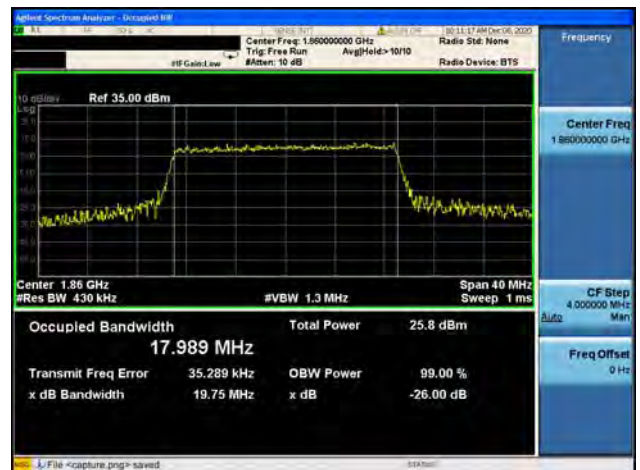
Band2 / 20MHz / Low CH / QPSK



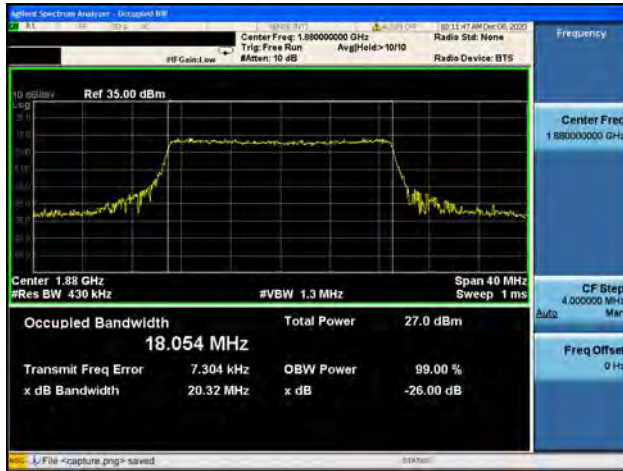
Band2 / 20MHz / Low CH / 16QAM



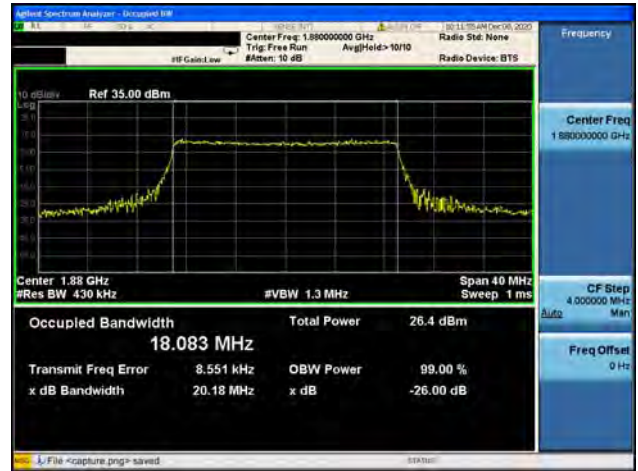
Band2 / 20MHz / Low CH / 64QAM



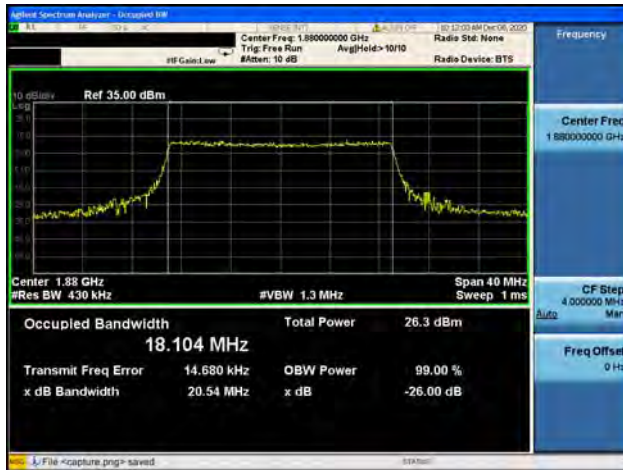
Band2 / 20MHz / Mid CH / QPSK



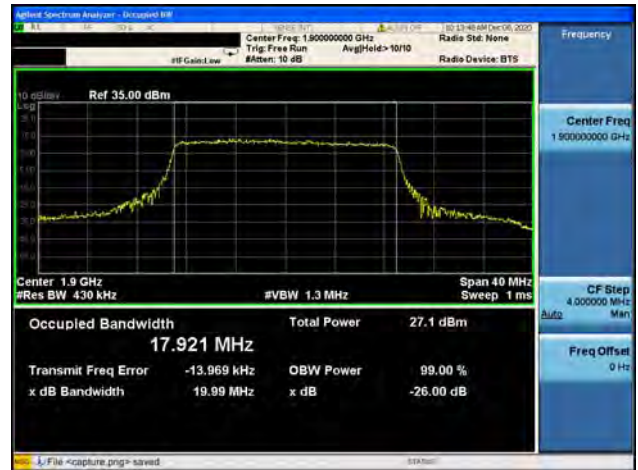
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



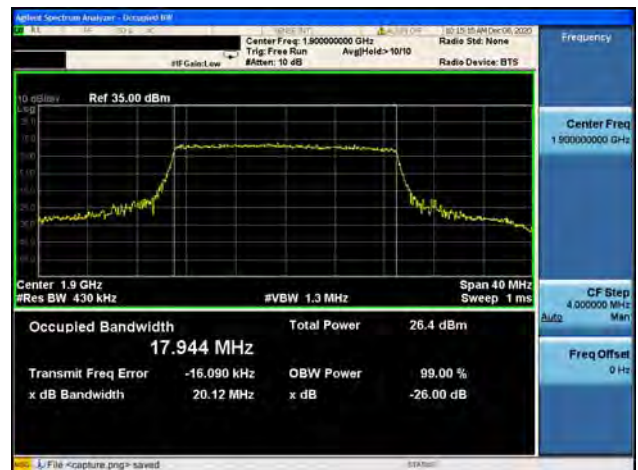
Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM

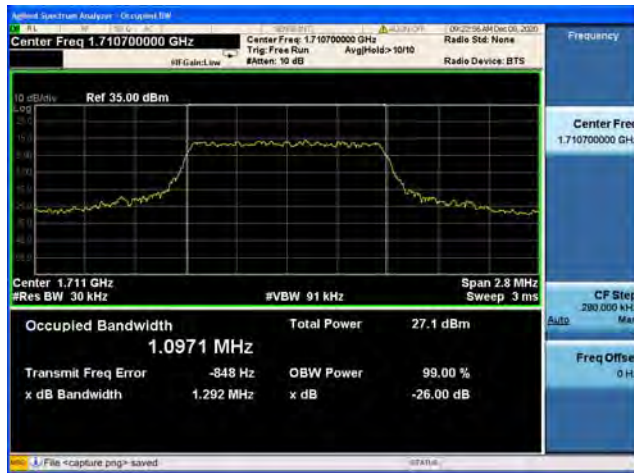


Band2 / 20MHz / High CH / 64QAM

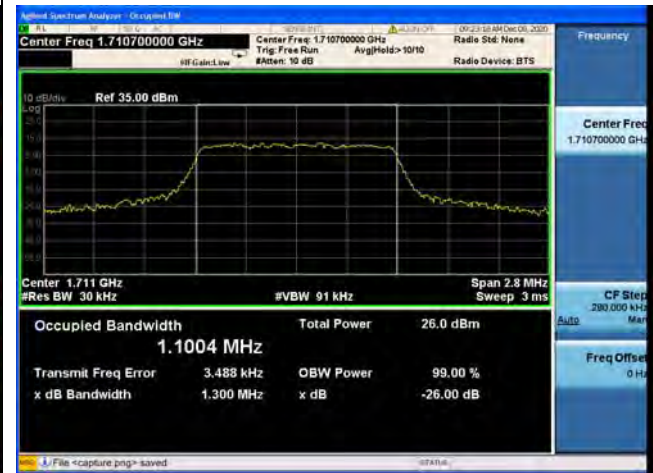




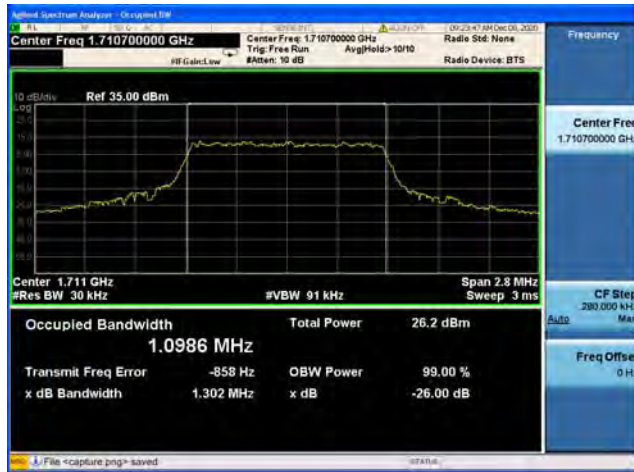
Band4 / 1.4MHz / Low CH / QPSK



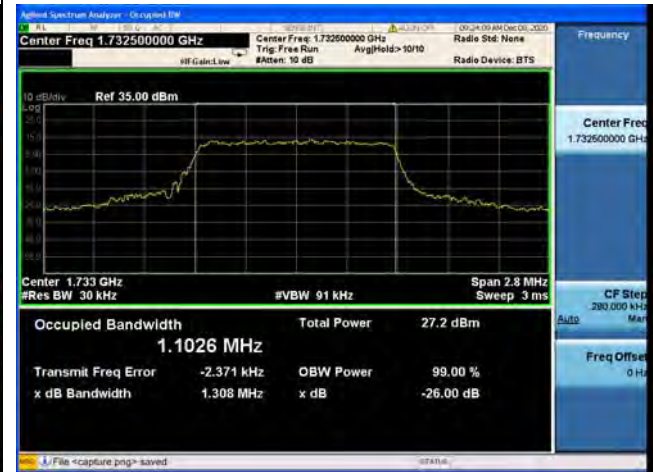
Band4 / 1.4MHz / Low CH / 16QAM



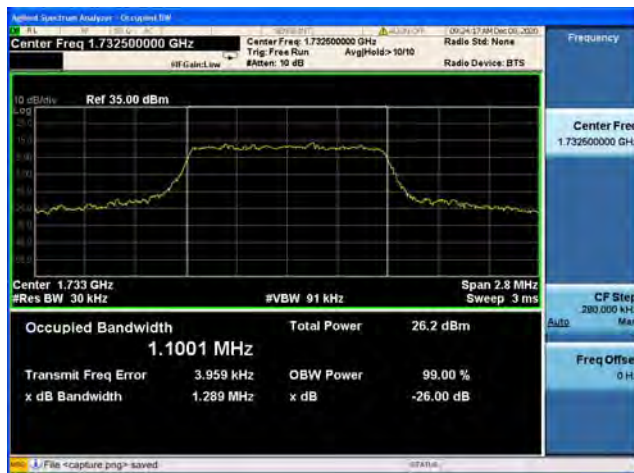
Band4 / 1.4MHz / Low CH / 64QAM



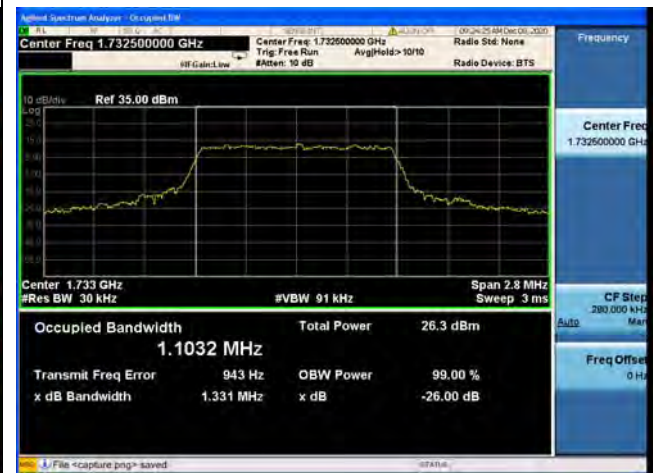
Band4 / 1.4MHz / Mid CH / QPSK

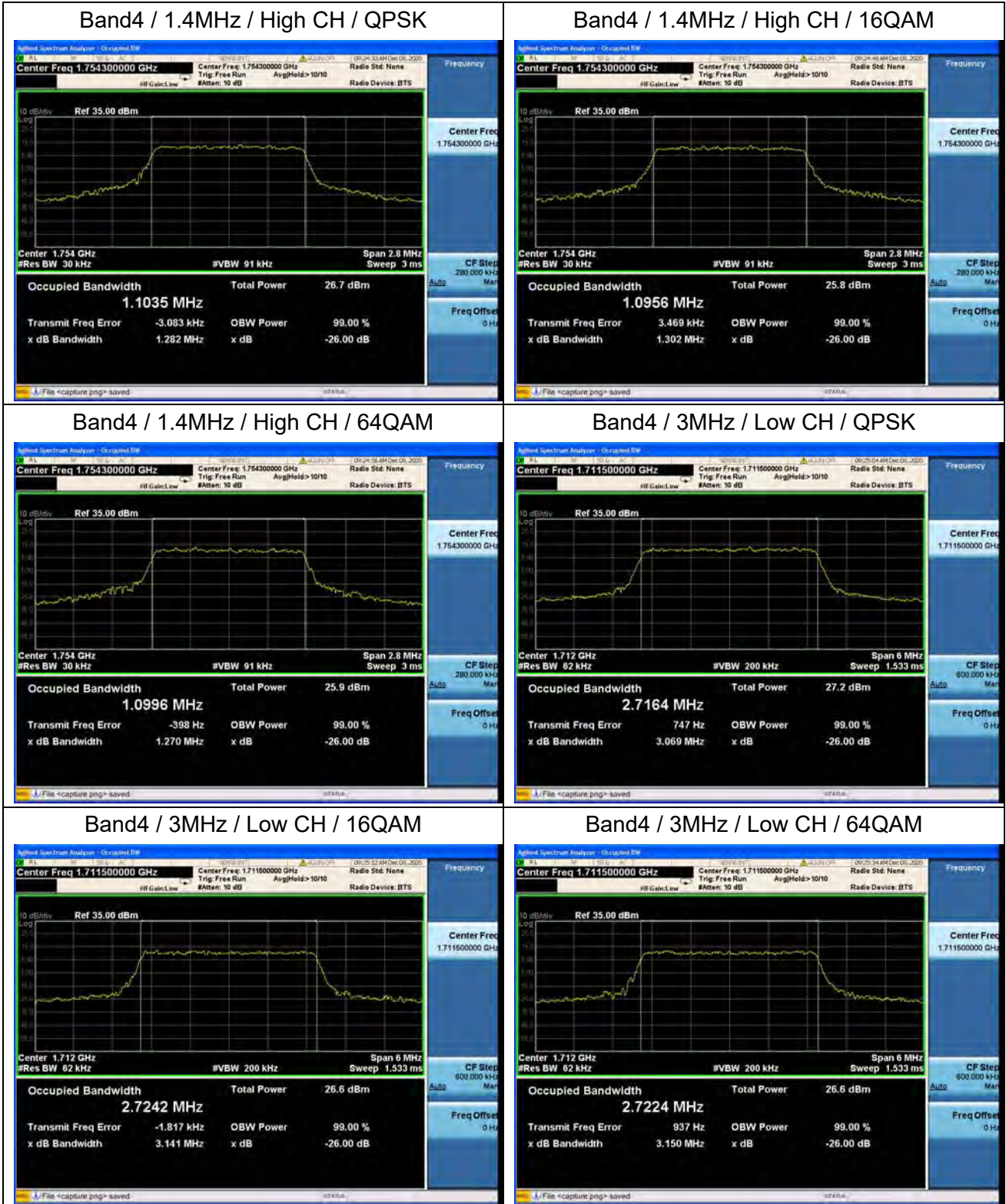


Band4 / 1.4MHz / Mid CH / 16QAM



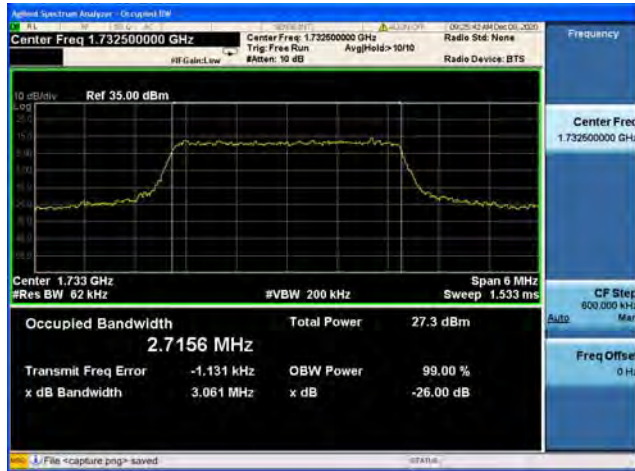
Band4 / 1.4MHz / Mid CH / 64QAM







Band4 / 3MHz / Mid CH / QPSK



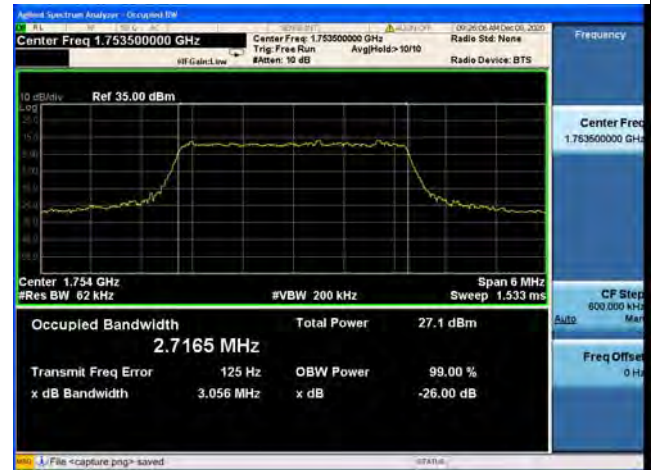
Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



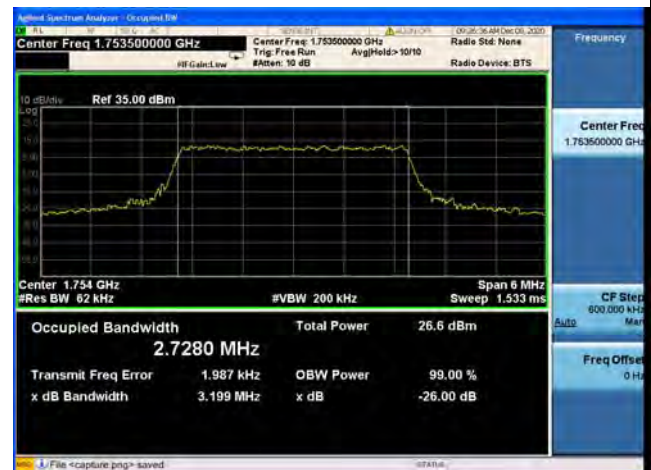
Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

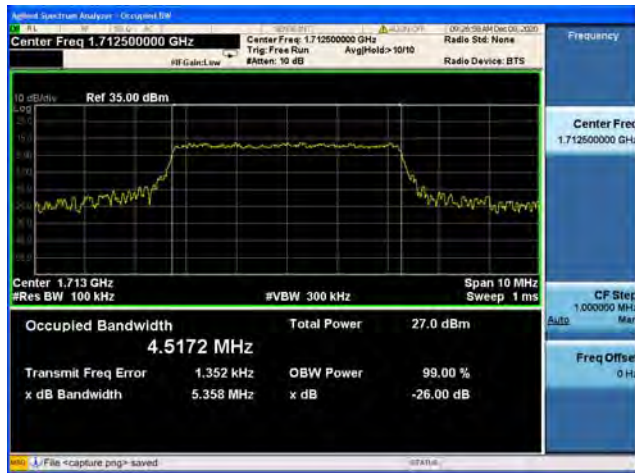


Band4 / 3MHz / High CH / 64QAM





Band4 / 5MHz / Low CH / QPSK



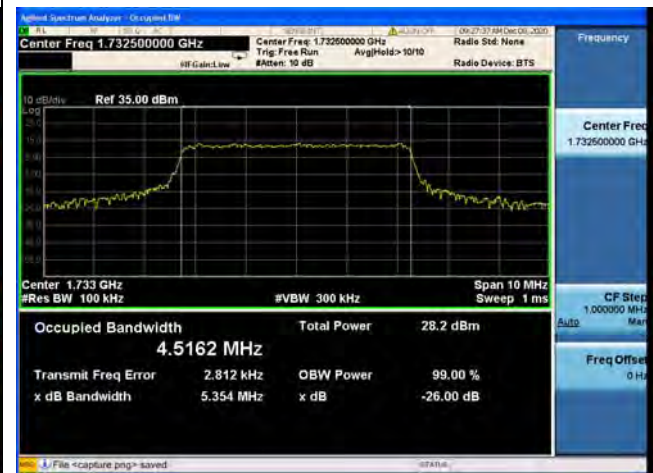
Band4 / 5MHz / Low CH / 16QAM



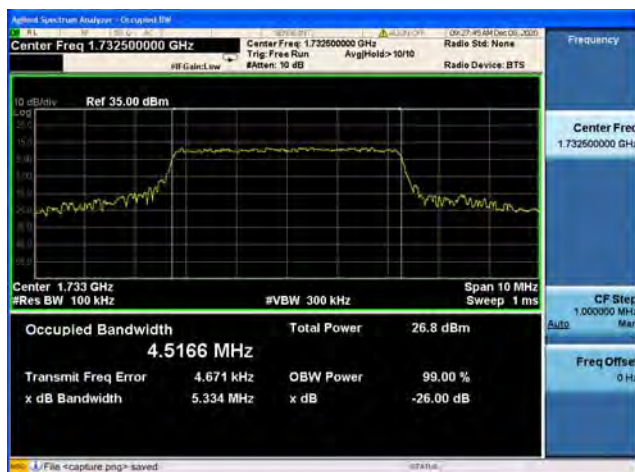
Band4 / 5MHz / Low CH / 64QAM



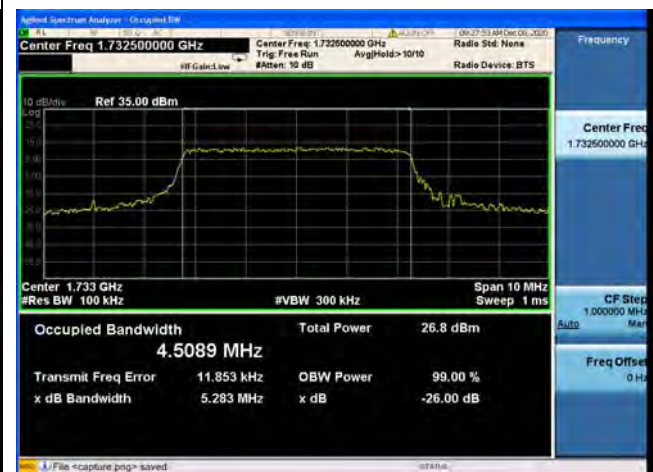
Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM



Band4 / 5MHz / Mid CH / 64QAM





Band4 / 5MHz / High CH / QPSK



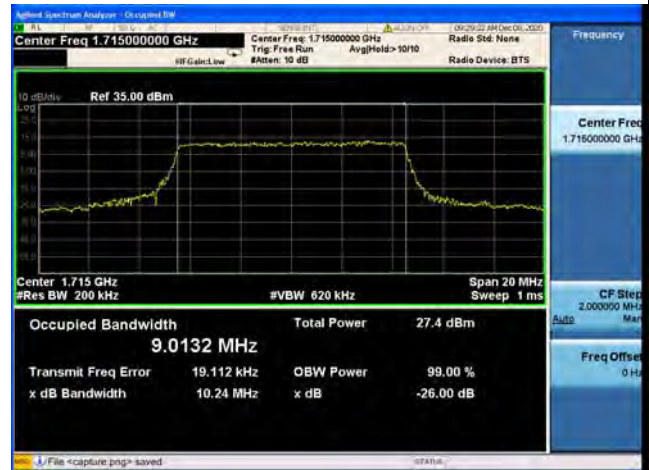
Band4 / 5MHz / High CH / 16QAM



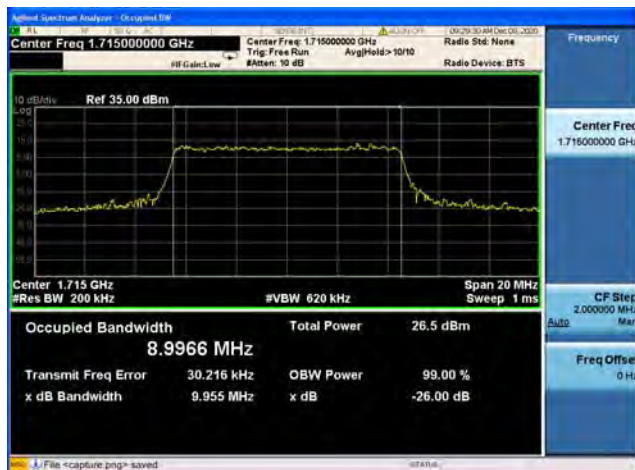
Band4 / 5MHz / High CH / 64QAM



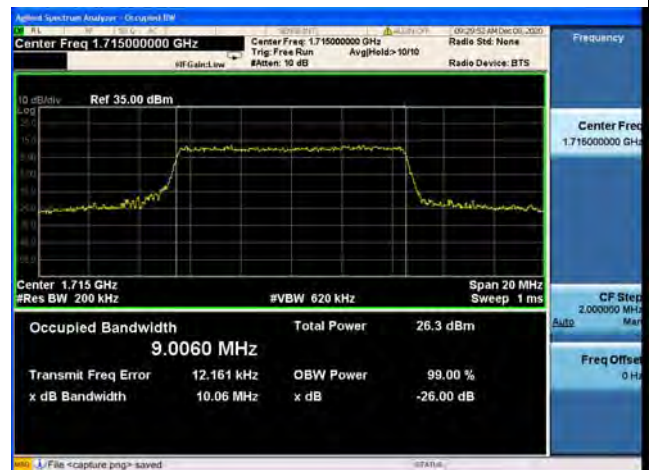
Band4 / 10MHz / Low CH / QPSK



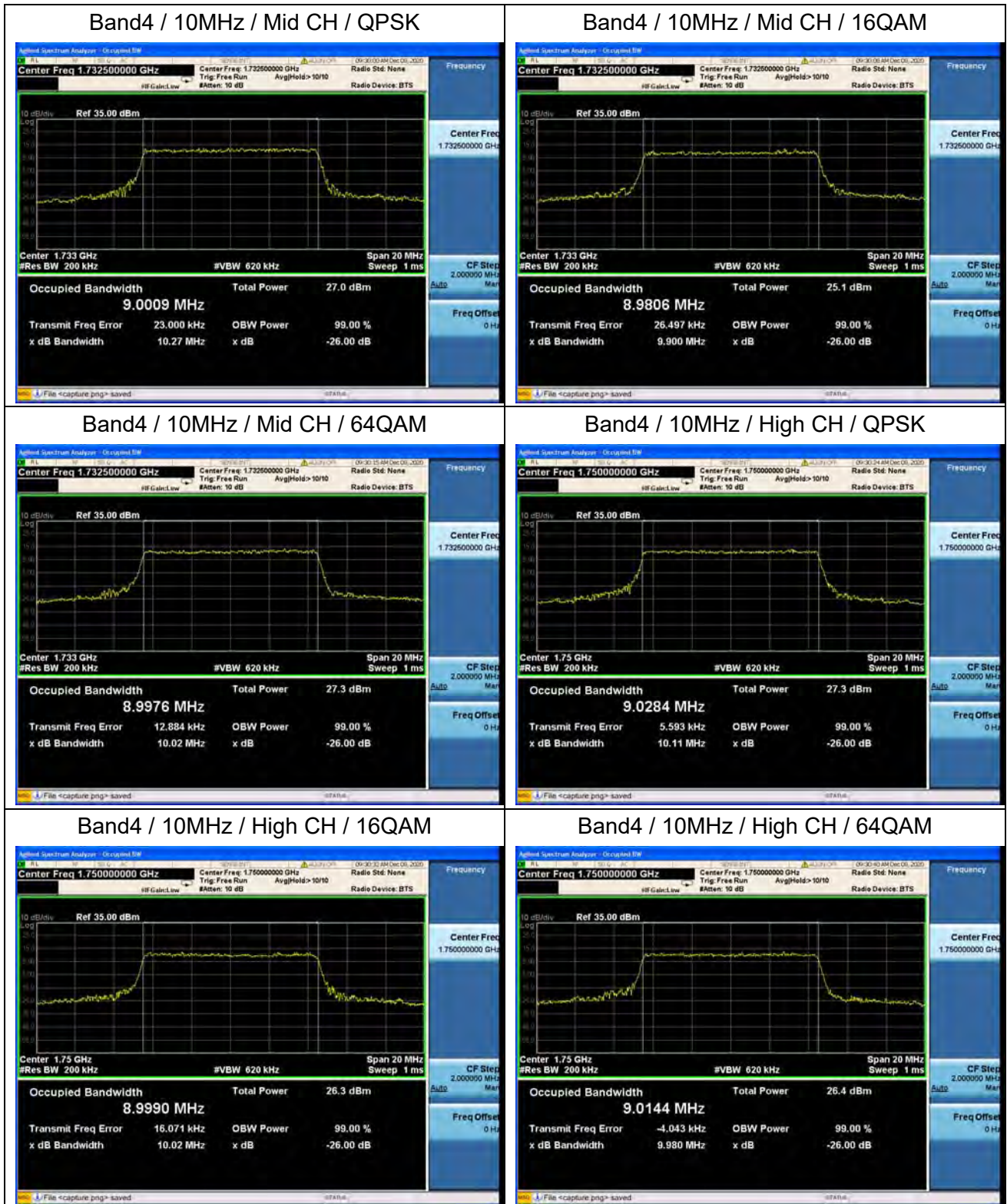
Band4 / 10MHz / Low CH / 16QAM



Band4 / 10MHz / Low CH / 64QAM

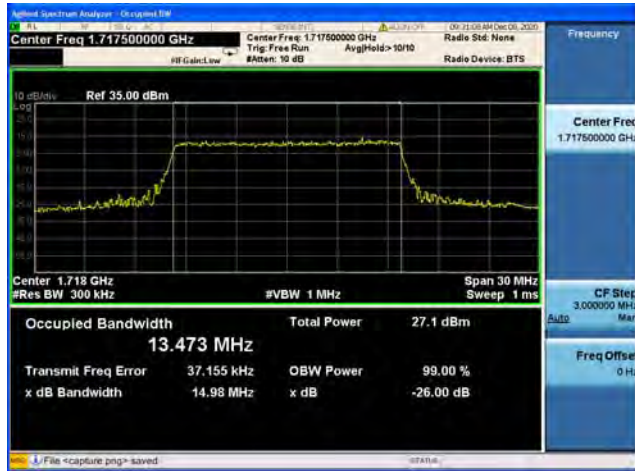




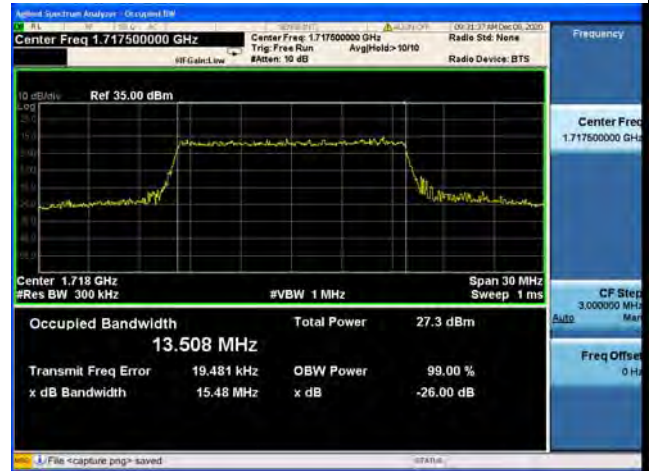




Band4 / 15MHz / Low CH / QPSK



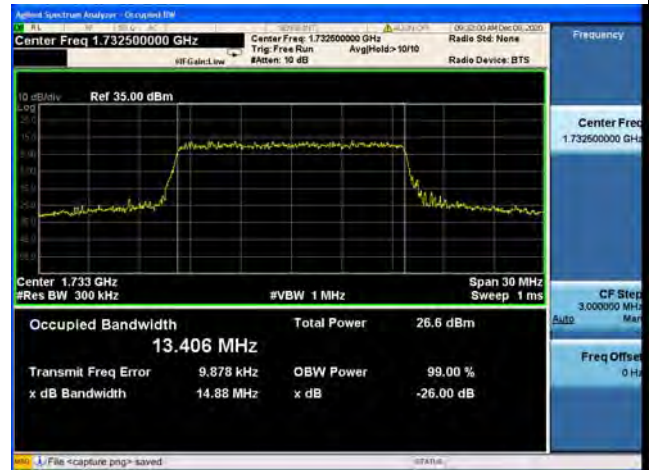
Band4 / 15MHz / Low CH / 16QAM



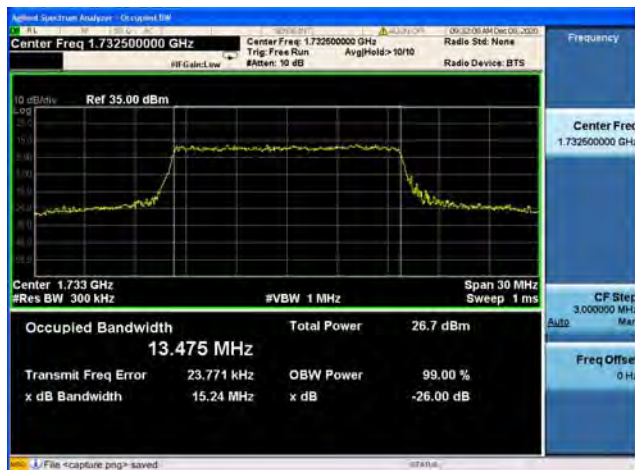
Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

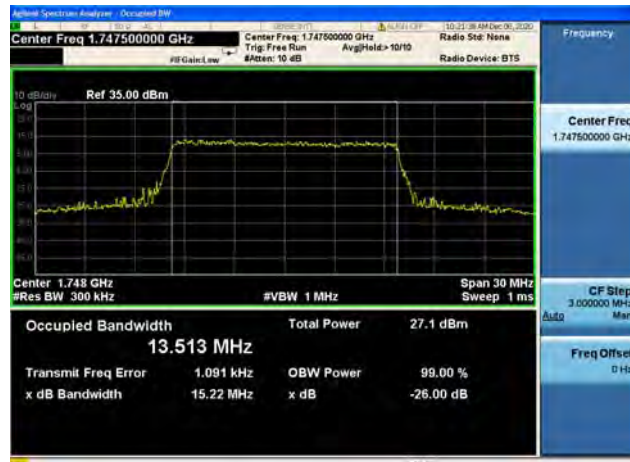


Band4 / 15MHz / Mid CH / 64QAM

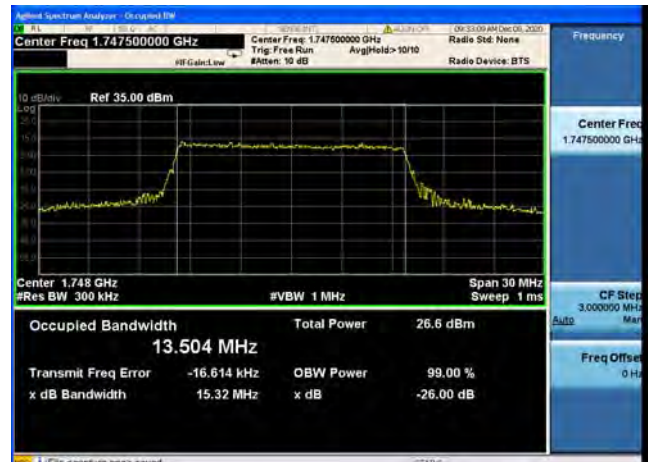




Band4 / 15MHz / High CH / QPSK



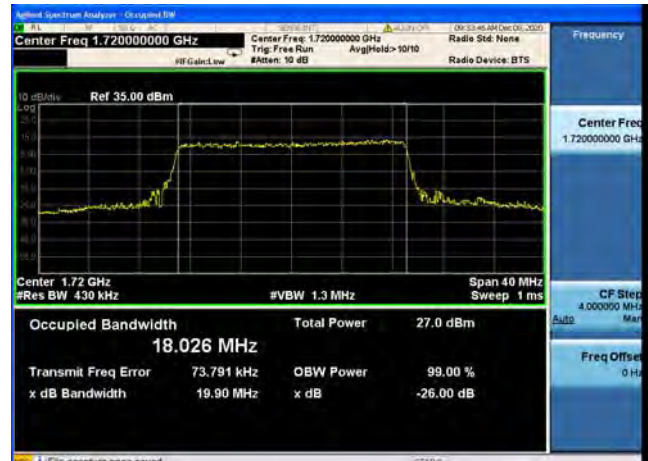
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



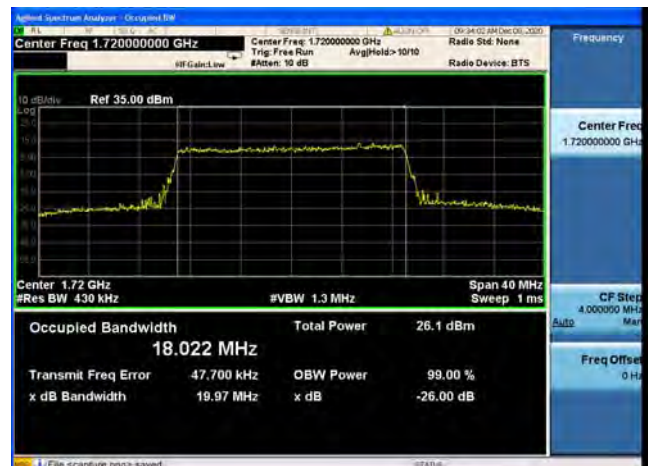
Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

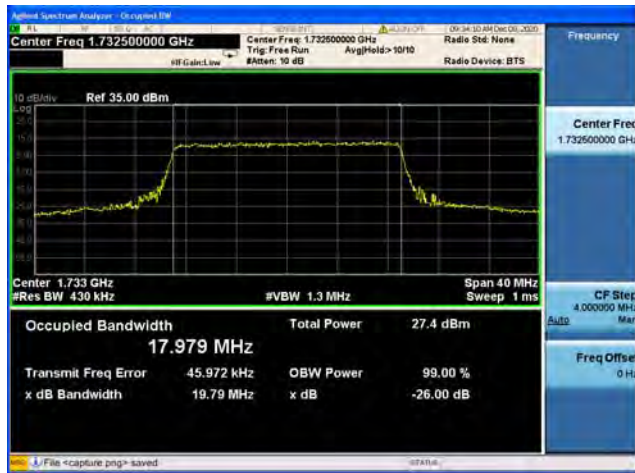


Band4 / 20MHz / Low CH / 64QAM

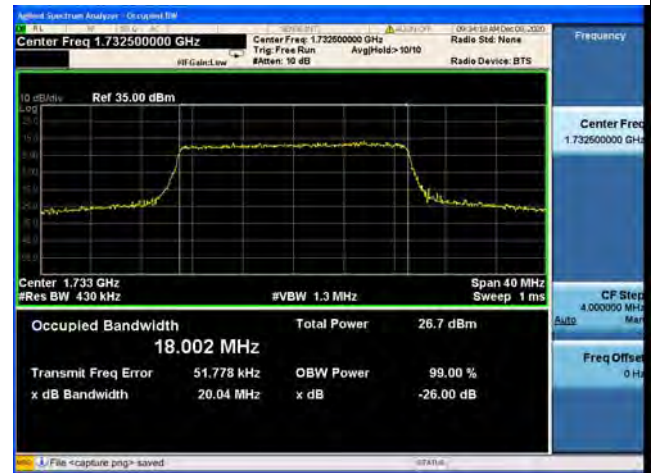




Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM



Band4 / 20MHz / High CH / 64QAM





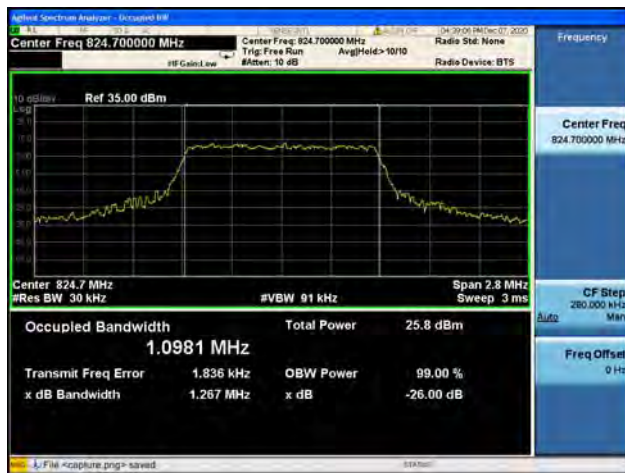
Band5 / 1.4MHz / Low CH / QPSK



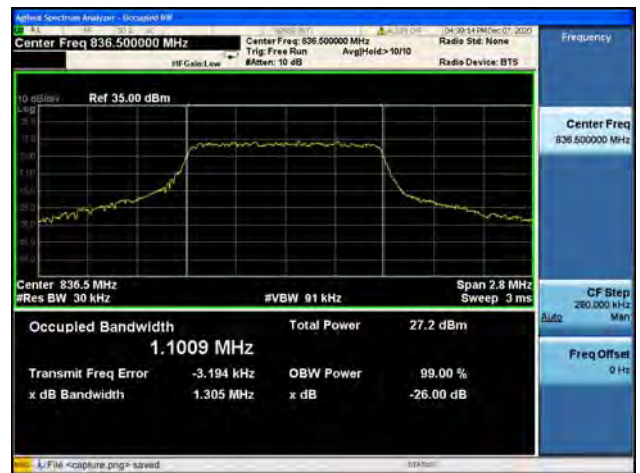
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / Mid CH / 64QAM

