



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	20.45	0.111	20.52	0.113	20.27	0.106
1.4	QPSK	1	3	20.40	0.110	20.39	0.109	20.36	0.109
1.4	QPSK	1	5	20.40	0.110	20.38	0.109	20.29	0.107
1.4	QPSK	3	0	20.43	0.110	20.55	0.114	20.25	0.106
1.4	QPSK	3	1	20.48	0.112	20.51	0.112	20.53	0.113
1.4	QPSK	3	3	20.37	0.109	20.58	0.114	20.39	0.109
1.4	QPSK	6	0	19.49	0.089	19.53	0.090	19.40	0.087
1.4	16QAM	1	0	19.91	0.098	20.03	0.101	19.74	0.094
1.4	16QAM	1	3	19.86	0.097	20.02	0.100	19.64	0.092
1.4	16QAM	1	5	19.58	0.091	20.05	0.101	19.86	0.097
1.4	16QAM	3	0	19.66	0.092	19.51	0.089	19.60	0.091
1.4	16QAM	3	1	19.57	0.091	19.75	0.094	19.51	0.089
1.4	16QAM	3	3	19.79	0.095	19.59	0.091	19.61	0.091
1.4	16QAM	6	0	19.39	0.087	19.54	0.090	19.17	0.083



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	18.07	0.064	18.18	0.066	18.12	0.065
10	QPSK	1	25	18.04	0.064	18.12	0.065	18.00	0.063
10	QPSK	1	49	17.90	0.062	17.93	0.062	17.80	0.060
10	QPSK	25	0	16.92	0.049	17.11	0.051	16.99	0.050
10	QPSK	25	12	17.05	0.051	16.96	0.050	16.93	0.049
10	QPSK	25	25	17.07	0.051	17.01	0.050	17.08	0.051
10	QPSK	50	0	16.97	0.050	17.07	0.051	16.90	0.049
10	16QAM	1	0	17.52	0.056	17.53	0.057	17.42	0.055
10	16QAM	1	25	17.52	0.056	17.24	0.053	17.21	0.053
10	16QAM	1	49	17.24	0.053	17.30	0.054	17.35	0.054
10	16QAM	25	0	16.69	0.047	16.62	0.046	16.59	0.046
10	16QAM	25	12	16.77	0.048	16.67	0.046	16.71	0.047
10	16QAM	25	25	16.66	0.046	16.66	0.046	16.66	0.046
10	16QAM	50	0	16.78	0.048	16.65	0.046	16.65	0.046



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	18.05	0.064	18.11	0.065	18.03	0.063
5	QPSK	1	12	17.98	0.063	18.07	0.064	18.08	0.064
5	QPSK	1	24	17.99	0.063	18.02	0.063	17.99	0.063
5	QPSK	12	0	16.98	0.050	17.06	0.051	17.08	0.051
5	QPSK	12	7	17.02	0.050	17.02	0.050	17.09	0.051
5	QPSK	12	13	17.08	0.051	17.06	0.051	17.11	0.051
5	QPSK	25	0	17.08	0.051	16.99	0.050	17.12	0.051
5	16QAM	1	0	17.62	0.058	17.13	0.052	17.52	0.056
5	16QAM	1	12	17.39	0.055	17.00	0.050	17.58	0.057
5	16QAM	1	24	17.36	0.054	17.48	0.056	16.78	0.048
5	16QAM	12	0	16.64	0.046	16.55	0.045	16.73	0.047
5	16QAM	12	7	16.86	0.048	16.68	0.047	16.84	0.048
5	16QAM	12	13	16.77	0.047	16.78	0.048	16.75	0.047
5	16QAM	25	0	16.66	0.046	16.71	0.047	16.69	0.047



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	18.01	0.063	18.09	0.064	17.98	0.063
3	QPSK	1	8	17.89	0.061	18.06	0.064	18.02	0.063
3	QPSK	1	14	17.93	0.062	18.05	0.064	17.93	0.062
3	QPSK	8	0	17.05	0.051	17.00	0.050	17.07	0.051
3	QPSK	8	4	17.08	0.051	17.14	0.052	17.11	0.051
3	QPSK	8	7	17.04	0.051	17.09	0.051	17.08	0.051
3	QPSK	15	0	17.04	0.051	16.99	0.050	17.14	0.052
3	16QAM	1	0	17.31	0.054	17.86	0.061	17.58	0.057
3	16QAM	1	8	17.39	0.055	17.17	0.052	17.31	0.054
3	16QAM	1	14	16.94	0.049	17.18	0.052	17.19	0.052
3	16QAM	8	0	16.86	0.048	16.80	0.048	16.76	0.047
3	16QAM	8	4	16.88	0.049	16.94	0.049	16.91	0.049
3	16QAM	8	7	16.88	0.049	16.82	0.048	16.81	0.048
3	16QAM	15	0	16.62	0.046	16.78	0.048	16.81	0.048



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	18.07	0.064	18.10	0.065	18.06	0.064
1.4	QPSK	1	3	17.92	0.062	17.95	0.062	18.07	0.064
1.4	QPSK	1	5	17.93	0.062	17.98	0.063	18.02	0.063
1.4	QPSK	3	0	18.02	0.063	17.96	0.062	18.03	0.063
1.4	QPSK	3	1	18.00	0.063	18.07	0.064	18.02	0.063
1.4	QPSK	3	3	18.00	0.063	17.99	0.063	18.01	0.063
1.4	QPSK	6	0	16.97	0.050	16.99	0.050	16.92	0.049
1.4	16QAM	1	0	17.24	0.053	17.53	0.057	17.48	0.056
1.4	16QAM	1	3	17.75	0.060	17.28	0.053	17.18	0.052
1.4	16QAM	1	5	17.39	0.055	17.56	0.057	17.15	0.052
1.4	16QAM	3	0	17.92	0.062	17.83	0.061	17.76	0.060
1.4	16QAM	3	1	17.83	0.061	17.66	0.058	17.78	0.060
1.4	16QAM	3	3	17.84	0.061	17.89	0.061	17.64	0.058
1.4	16QAM	6	0	16.75	0.047	16.80	0.048	16.79	0.048



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	22.56	0.180	22.66	0.185	22.51	0.178
20	QPSK	1	49	22.51	0.178	22.58	0.181	22.48	0.177
20	QPSK	1	99	22.45	0.176	22.46	0.176	22.48	0.177
20	QPSK	50	0	21.31	0.135	21.53	0.142	21.26	0.134
20	QPSK	50	24	21.47	0.140	21.41	0.138	21.31	0.135
20	QPSK	50	50	21.40	0.138	21.46	0.140	21.39	0.138
20	QPSK	100	0	21.43	0.139	21.49	0.141	21.38	0.137
20	16QAM	1	0	21.64	0.146	21.74	0.149	21.87	0.154
20	16QAM	1	49	21.61	0.145	21.72	0.149	21.73	0.149
20	16QAM	1	99	21.54	0.143	21.80	0.151	21.63	0.146
20	16QAM	50	0	21.10	0.129	21.03	0.127	21.10	0.129
20	16QAM	50	24	21.11	0.129	21.12	0.129	20.93	0.124
20	16QAM	50	50	21.18	0.131	21.11	0.129	21.12	0.129
20	16QAM	100	0	21.06	0.128	21.08	0.128	21.06	0.128



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	22.22	0.167	22.35	0.172	22.26	0.168
15	QPSK	1	37	22.17	0.165	22.19	0.165	22.16	0.164
15	QPSK	1	74	22.17	0.165	22.24	0.167	22.20	0.166
15	QPSK	36	0	21.35	0.136	21.46	0.140	21.26	0.134
15	QPSK	36	20	21.24	0.133	21.27	0.134	21.30	0.135
15	QPSK	36	39	21.28	0.134	21.34	0.136	21.27	0.134
15	QPSK	75	0	21.30	0.135	21.51	0.141	21.27	0.134
15	16QAM	1	0	21.43	0.139	21.35	0.136	21.24	0.133
15	16QAM	1	37	21.35	0.136	21.47	0.140	21.20	0.132
15	16QAM	1	74	21.60	0.144	21.30	0.135	21.38	0.137
15	16QAM	36	0	20.87	0.122	21.03	0.127	20.97	0.125
15	16QAM	36	20	21.06	0.128	20.94	0.124	21.00	0.126
15	16QAM	36	39	20.97	0.125	21.03	0.127	21.04	0.127
15	16QAM	75	0	21.04	0.127	20.98	0.125	20.88	0.122



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	22.38	0.173	22.54	0.179	22.42	0.174
10	QPSK	1	25	22.40	0.174	22.42	0.174	22.43	0.175
10	QPSK	1	49	22.48	0.177	22.51	0.178	22.50	0.178
10	QPSK	25	0	21.35	0.136	21.48	0.140	21.44	0.139
10	QPSK	25	12	21.56	0.143	21.43	0.139	21.52	0.142
10	QPSK	25	25	21.41	0.138	21.52	0.142	21.57	0.143
10	QPSK	50	0	21.51	0.141	21.39	0.138	21.60	0.144
10	16QAM	1	0	21.86	0.153	21.86	0.153	21.70	0.148
10	16QAM	1	25	21.87	0.154	22.08	0.161	21.98	0.158
10	16QAM	1	49	22.01	0.159	21.97	0.157	22.02	0.159
10	16QAM	25	0	21.07	0.128	21.08	0.128	21.18	0.131
10	16QAM	25	12	21.22	0.132	21.21	0.132	21.17	0.131
10	16QAM	25	25	21.25	0.133	21.15	0.130	21.30	0.135
10	16QAM	50	0	21.19	0.131	21.14	0.130	21.24	0.133





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	22.46	0.176	22.70	0.186	22.48	0.177
5	QPSK	1	12	22.64	0.183	22.65	0.184	22.44	0.175
5	QPSK	1	24	22.52	0.178	22.65	0.184	22.66	0.184
5	QPSK	12	0	21.57	0.143	21.53	0.142	21.44	0.139
5	QPSK	12	7	21.60	0.144	21.70	0.148	21.68	0.147
5	QPSK	12	13	21.70	0.148	21.65	0.146	21.68	0.147
5	QPSK	25	0	21.64	0.146	21.60	0.144	21.58	0.144
5	16QAM	1	0	21.74	0.149	21.61	0.145	21.84	0.153
5	16QAM	1	12	21.81	0.152	21.70	0.148	21.98	0.158
5	16QAM	1	24	22.11	0.162	22.03	0.159	21.73	0.149
5	16QAM	12	0	21.07	0.128	20.87	0.122	20.99	0.125
5	16QAM	12	7	21.11	0.129	21.21	0.132	20.92	0.123
5	16QAM	12	13	21.04	0.127	21.16	0.130	21.10	0.129
5	16QAM	25	0	21.02	0.126	20.98	0.125	21.09	0.128



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	17.93	0.062	/	/
10	QPSK	1	25	/	/	17.89	0.062	/	/
10	QPSK	1	49	/	/	17.67	0.058	/	/
10	QPSK	25	0	/	/	16.96	0.050	/	/
10	QPSK	25	12	/	/	16.93	0.049	/	/
10	QPSK	25	25	/	/	16.88	0.049	/	/
10	QPSK	50	0	/	/	16.91	0.049	/	/
10	16QAM	1	0	/	/	17.47	0.056	/	/
10	16QAM	1	25	/	/	17.22	0.053	/	/
10	16QAM	1	49	/	/	17.17	0.052	/	/
10	16QAM	25	0	/	/	16.82	0.048	/	/
10	16QAM	25	12	/	/	16.65	0.046	/	/
10	16QAM	25	25	/	/	16.75	0.047	/	/
10	16QAM	50	0	/	/	16.66	0.046	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.70	0.059	17.82	0.061	17.80	0.060
5	QPSK	1	12	17.74	0.059	17.80	0.060	17.75	0.060
5	QPSK	1	24	17.70	0.059	17.72	0.059	17.79	0.060
5	QPSK	12	0	16.72	0.047	16.80	0.048	16.75	0.047
5	QPSK	12	7	16.82	0.048	16.70	0.047	16.85	0.048
5	QPSK	12	13	16.79	0.048	16.80	0.048	16.83	0.048
5	QPSK	25	0	16.75	0.047	16.76	0.047	16.80	0.048
5	16QAM	1	0	17.10	0.051	16.91	0.049	17.37	0.055
5	16QAM	1	12	17.22	0.053	17.20	0.052	17.38	0.055
5	16QAM	1	24	17.00	0.050	17.16	0.052	16.97	0.050
5	16QAM	12	0	16.74	0.047	16.73	0.047	16.70	0.047
5	16QAM	12	7	16.67	0.046	16.55	0.045	16.80	0.048
5	16QAM	12	13	16.70	0.047	16.71	0.047	16.68	0.047
5	16QAM	25	0	16.89	0.049	16.59	0.046	16.72	0.047



LTE Band 26				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	17.58	0.057	17.54	0.057	17.45	0.056
15	QPSK	1	37	17.38	0.055	17.27	0.053	17.32	0.054
15	QPSK	1	74	17.38	0.055	17.37	0.055	17.27	0.053
15	QPSK	36	0	16.50	0.045	16.47	0.044	16.42	0.044
15	QPSK	36	20	16.44	0.044	16.35	0.043	16.42	0.044
15	QPSK	36	39	16.52	0.045	16.50	0.045	16.51	0.045
15	QPSK	75	0	16.52	0.045	16.49	0.045	16.49	0.045
15	16QAM	1	0	16.56	0.045	16.53	0.045	16.29	0.043
15	16QAM	1	37	16.44	0.044	16.36	0.043	16.28	0.042
15	16QAM	1	74	16.53	0.045	16.43	0.044	16.30	0.043
15	16QAM	36	0	15.64	0.037	15.53	0.036	15.57	0.036
15	16QAM	36	20	15.56	0.036	15.50	0.035	15.43	0.035
15	16QAM	36	39	15.50	0.035	15.38	0.035	15.58	0.036
15	16QAM	75	0	15.48	0.035	15.44	0.035	15.61	0.036



LTE Band 26				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	17.19	0.052	17.23	0.053	17.28	0.053
10	QPSK	1	25	17.34	0.054	17.43	0.055	17.46	0.056
10	QPSK	1	49	17.27	0.053	17.19	0.052	17.28	0.053
10	QPSK	25	0	16.19	0.042	16.26	0.042	16.30	0.043
10	QPSK	25	12	16.28	0.042	16.24	0.042	16.30	0.043
10	QPSK	25	25	16.15	0.041	16.18	0.041	16.25	0.042
10	QPSK	50	0	16.26	0.042	16.27	0.042	16.32	0.043
10	16QAM	1	0	17.02	0.050	16.94	0.049	17.05	0.051
10	16QAM	1	25	16.80	0.048	16.81	0.048	16.84	0.048
10	16QAM	1	49	16.68	0.047	16.67	0.046	16.74	0.047
10	16QAM	25	0	15.13	0.033	15.10	0.032	15.20	0.033
10	16QAM	25	12	15.30	0.034	15.22	0.033	15.33	0.034
10	16QAM	25	25	15.23	0.033	15.28	0.034	15.33	0.034
10	16QAM	50	0	15.25	0.033	15.26	0.034	15.33	0.034



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	17.19	0.052	17.21	0.053	17.25	0.053
5	QPSK	1	12	17.15	0.052	17.13	0.052	17.19	0.052
5	QPSK	1	24	17.22	0.053	17.11	0.051	17.23	0.053
5	QPSK	12	0	16.15	0.041	16.15	0.041	16.17	0.041
5	QPSK	12	7	16.26	0.042	16.29	0.043	16.34	0.043
5	QPSK	12	13	16.13	0.041	16.21	0.042	16.23	0.042
5	QPSK	25	0	16.09	0.041	16.15	0.041	16.20	0.042
5	16QAM	1	0	16.69	0.047	16.68	0.047	16.70	0.047
5	16QAM	1	12	16.37	0.043	16.32	0.043	16.42	0.044
5	16QAM	1	24	16.44	0.044	16.45	0.044	16.49	0.045
5	16QAM	12	0	15.22	0.033	15.24	0.033	15.33	0.034
5	16QAM	12	7	15.27	0.034	15.26	0.034	15.30	0.034
5	16QAM	12	13	15.22	0.033	15.18	0.033	15.30	0.034
5	16QAM	25	0	15.10	0.032	15.07	0.032	15.13	0.033



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	17.09	0.051	17.10	0.051	17.14	0.052
3	QPSK	1	8	17.23	0.053	17.18	0.052	17.25	0.053
3	QPSK	1	14	17.06	0.051	17.05	0.051	17.17	0.052
3	QPSK	8	0	16.11	0.041	16.11	0.041	16.22	0.042
3	QPSK	8	4	16.33	0.043	16.30	0.043	16.37	0.043
3	QPSK	8	7	16.13	0.041	16.16	0.041	16.21	0.042
3	QPSK	15	0	16.29	0.043	16.33	0.043	16.34	0.043
3	16QAM	1	0	16.63	0.046	16.62	0.046	16.73	0.047
3	16QAM	1	8	16.58	0.045	16.54	0.045	16.59	0.046
3	16QAM	1	14	16.46	0.044	16.44	0.044	16.49	0.045
3	16QAM	8	0	15.22	0.033	15.27	0.034	15.28	0.034
3	16QAM	8	4	15.24	0.033	15.14	0.033	15.25	0.033
3	16QAM	8	7	15.36	0.034	15.42	0.035	15.45	0.035
3	16QAM	15	0	15.41	0.035	15.42	0.035	15.43	0.035



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	17.01	0.050	17.04	0.051	17.09	0.051
1.4	QPSK	1	3	17.13	0.052	17.13	0.052	17.20	0.052
1.4	QPSK	1	5	17.03	0.050	17.00	0.050	17.12	0.052
1.4	QPSK	3	0	16.11	0.041	16.11	0.041	16.17	0.041
1.4	QPSK	3	1	16.24	0.042	16.26	0.042	16.32	0.043
1.4	QPSK	3	3	16.06	0.040	16.13	0.041	16.16	0.041
1.4	QPSK	6	0	16.21	0.042	16.18	0.041	16.29	0.043
1.4	16QAM	1	0	16.67	0.046	16.67	0.046	16.68	0.047
1.4	16QAM	1	3	16.51	0.045	16.51	0.045	16.54	0.045
1.4	16QAM	1	5	16.34	0.043	16.38	0.043	16.44	0.044
1.4	16QAM	3	0	15.17	0.033	15.21	0.033	15.23	0.033
1.4	16QAM	3	1	15.10	0.032	15.12	0.033	15.20	0.033
1.4	16QAM	3	3	15.31	0.034	15.37	0.034	15.40	0.035
1.4	16QAM	6	0	15.27	0.034	15.37	0.034	15.38	0.035





LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.07	0.203	23.13	0.206	23.08	0.203
20	QPSK	1	49	22.79	0.190	22.89	0.195	22.93	0.196
20	QPSK	1	99	22.91	0.195	23.01	0.200	22.85	0.193
20	QPSK	50	0	22.05	0.160	22.07	0.161	22.03	0.160
20	QPSK	50	24	21.99	0.158	22.00	0.158	21.99	0.158
20	QPSK	50	50	22.01	0.159	21.98	0.158	21.95	0.157
20	QPSK	100	0	22.02	0.159	22.12	0.163	22.05	0.160
20	16QAM	1	0	22.03	0.160	22.28	0.169	22.12	0.163
20	16QAM	1	49	21.96	0.157	22.25	0.168	22.34	0.171
20	16QAM	1	99	21.86	0.153	21.87	0.154	21.85	0.153
20	16QAM	50	0	20.81	0.121	20.85	0.122	20.74	0.119
20	16QAM	50	24	20.93	0.124	20.93	0.124	20.87	0.122
20	16QAM	50	50	20.77	0.119	20.91	0.123	20.83	0.121
20	16QAM	100	0	20.88	0.122	20.74	0.119	20.90	0.123



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.67	0.185	22.96	0.198	22.84	0.192
15	QPSK	1	37	22.80	0.191	22.81	0.191	22.82	0.191
15	QPSK	1	74	22.65	0.184	22.74	0.188	22.74	0.188
15	QPSK	36	0	21.66	0.147	21.78	0.151	21.77	0.150
15	QPSK	36	20	21.84	0.153	21.87	0.154	21.84	0.153
15	QPSK	36	39	21.73	0.149	21.84	0.153	21.71	0.148
15	QPSK	75	0	21.82	0.152	21.78	0.151	21.69	0.148
15	16QAM	1	0	22.10	0.162	22.12	0.163	21.86	0.153
15	16QAM	1	37	22.07	0.161	22.12	0.163	22.34	0.171
15	16QAM	1	74	21.84	0.153	22.26	0.168	21.99	0.158
15	16QAM	36	0	20.65	0.116	20.83	0.121	20.72	0.118
15	16QAM	36	20	20.88	0.122	20.79	0.120	20.84	0.121
15	16QAM	36	39	20.78	0.120	20.92	0.124	20.80	0.120
15	16QAM	75	0	20.76	0.119	20.83	0.121	20.78	0.120



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.70	0.186	23.01	0.200	22.93	0.196
10	QPSK	1	25	22.97	0.198	22.96	0.198	22.92	0.196
10	QPSK	1	49	22.89	0.195	22.97	0.198	22.93	0.196
10	QPSK	25	0	22.35	0.172	22.07	0.161	22.04	0.160
10	QPSK	25	12	22.36	0.172	22.05	0.160	22.11	0.163
10	QPSK	25	25	21.95	0.157	21.98	0.158	22.03	0.160
10	QPSK	50	0	21.99	0.158	21.92	0.156	21.99	0.158
10	16QAM	1	0	22.29	0.169	22.19	0.166	22.42	0.175
10	16QAM	1	25	22.39	0.173	22.20	0.166	22.13	0.163
10	16QAM	1	49	22.14	0.164	22.28	0.169	22.22	0.167
10	16QAM	25	0	21.10	0.129	20.96	0.125	20.97	0.125
10	16QAM	25	12	20.94	0.124	20.97	0.125	20.98	0.125
10	16QAM	25	25	21.05	0.127	21.06	0.128	21.01	0.126
10	16QAM	50	0	20.96	0.125	20.88	0.122	20.97	0.125



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.89	0.195	23.01	0.200	22.88	0.194
5	QPSK	1	12	22.92	0.196	22.93	0.196	22.87	0.194
5	QPSK	1	24	22.65	0.184	22.66	0.185	22.92	0.196
5	QPSK	12	0	21.72	0.149	21.81	0.152	21.92	0.156
5	QPSK	12	7	21.94	0.156	21.92	0.156	21.86	0.153
5	QPSK	12	13	21.86	0.153	21.90	0.155	21.84	0.153
5	QPSK	25	0	21.85	0.153	21.82	0.152	21.83	0.152
5	16QAM	1	0	22.25	0.168	22.08	0.161	22.18	0.165
5	16QAM	1	12	22.31	0.170	22.32	0.171	22.33	0.171
5	16QAM	1	24	22.07	0.161	22.11	0.163	21.94	0.156
5	16QAM	12	0	20.79	0.120	20.90	0.123	20.90	0.123
5	16QAM	12	7	20.93	0.124	20.87	0.122	20.94	0.124
5	16QAM	12	13	20.92	0.124	20.93	0.124	21.00	0.126
5	16QAM	25	0	20.82	0.121	20.92	0.124	20.91	0.123



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.51	0.112	20.56	0.114	20.53	0.113
20	QPSK	1	49	20.41	0.110	20.47	0.111	20.48	0.112
20	QPSK	1	99	20.35	0.108	20.37	0.109	20.41	0.110
20	QPSK	50	0	19.30	0.085	19.52	0.090	19.26	0.084
20	QPSK	50	24	19.35	0.086	19.38	0.087	19.31	0.085
20	QPSK	50	50	19.29	0.085	19.35	0.086	19.35	0.086
20	QPSK	100	0	19.36	0.086	19.46	0.088	19.26	0.084
20	16QAM	1	0	19.69	0.093	19.88	0.097	19.57	0.091
20	16QAM	1	49	19.57	0.091	19.70	0.093	19.60	0.091
20	16QAM	1	99	19.60	0.091	19.73	0.094	19.50	0.089
20	16QAM	50	0	18.27	0.067	18.39	0.069	18.38	0.069
20	16QAM	50	24	18.38	0.069	18.35	0.068	18.45	0.070
20	16QAM	50	50	18.37	0.069	18.44	0.070	18.24	0.067
20	16QAM	100	0	18.36	0.069	18.28	0.067	18.24	0.067



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.32	0.108	20.47	0.111	20.40	0.110
15	QPSK	1	37	20.38	0.109	20.26	0.106	20.35	0.108
15	QPSK	1	74	20.18	0.104	20.35	0.108	20.37	0.109
15	QPSK	36	0	19.32	0.086	19.64	0.092	19.34	0.086
15	QPSK	36	20	19.38	0.087	19.32	0.086	19.43	0.088
15	QPSK	36	39	19.38	0.087	19.45	0.088	19.32	0.086
15	QPSK	75	0	19.38	0.087	19.46	0.088	19.33	0.086
15	16QAM	1	0	19.54	0.090	19.67	0.093	19.74	0.094
15	16QAM	1	37	19.63	0.092	19.41	0.087	19.63	0.092
15	16QAM	1	74	19.50	0.089	19.44	0.088	19.55	0.090
15	16QAM	36	0	18.38	0.069	18.42	0.070	18.20	0.066
15	16QAM	36	20	18.42	0.070	18.40	0.069	18.46	0.070
15	16QAM	36	39	18.46	0.070	18.52	0.071	18.42	0.070
15	16QAM	75	0	18.38	0.069	18.31	0.068	18.45	0.070



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.31	0.107	20.52	0.113	20.27	0.106
10	QPSK	1	25	20.19	0.105	20.17	0.104	20.25	0.106
10	QPSK	1	49	20.14	0.103	20.37	0.109	20.22	0.105
10	QPSK	25	0	19.30	0.085	19.54	0.090	19.26	0.084
10	QPSK	25	12	19.35	0.086	19.38	0.087	19.31	0.085
10	QPSK	25	25	19.29	0.085	19.35	0.086	19.35	0.086
10	QPSK	50	0	19.36	0.086	19.20	0.083	19.26	0.084
10	16QAM	1	0	19.69	0.093	19.88	0.097	19.57	0.091
10	16QAM	1	25	19.57	0.091	19.70	0.093	19.60	0.091
10	16QAM	1	49	19.60	0.091	19.73	0.094	19.50	0.089
10	16QAM	25	0	18.27	0.067	18.39	0.069	18.38	0.069
10	16QAM	25	12	18.38	0.069	18.35	0.068	18.45	0.070
10	16QAM	25	25	18.37	0.069	18.44	0.070	18.24	0.067
10	16QAM	50	0	18.36	0.069	18.28	0.067	18.24	0.067



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.26	0.106	20.44	0.111	20.34	0.108
5	QPSK	1	12	20.32	0.108	20.20	0.105	20.29	0.107
5	QPSK	1	24	20.12	0.103	20.29	0.107	20.31	0.107
5	QPSK	12	0	19.26	0.084	19.48	0.089	19.28	0.085
5	QPSK	12	7	19.32	0.086	19.26	0.084	19.37	0.087
5	QPSK	12	13	19.32	0.086	19.39	0.087	19.26	0.084
5	QPSK	25	0	19.32	0.086	19.40	0.087	19.27	0.085
5	16QAM	1	0	19.48	0.089	19.61	0.091	19.68	0.093
5	16QAM	1	12	19.57	0.091	19.35	0.086	19.57	0.091
5	16QAM	1	24	19.44	0.088	19.38	0.087	19.49	0.089
5	16QAM	12	0	18.32	0.068	18.36	0.069	18.14	0.065
5	16QAM	12	7	18.36	0.069	18.34	0.068	18.40	0.069
5	16QAM	12	13	18.40	0.069	18.46	0.070	18.36	0.069
5	16QAM	25	0	18.32	0.068	18.25	0.067	18.39	0.069





LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.30	0.107	20.51	0.113	20.26	0.106
3	QPSK	1	8	20.18	0.104	20.16	0.104	20.24	0.106
3	QPSK	1	14	20.13	0.103	20.36	0.109	20.21	0.105
3	QPSK	8	0	19.29	0.085	19.31	0.085	19.25	0.084
3	QPSK	8	4	19.34	0.086	19.37	0.087	19.30	0.085
3	QPSK	8	7	19.28	0.085	19.34	0.086	19.34	0.086
3	QPSK	15	0	19.35	0.086	19.19	0.083	19.25	0.084
3	16QAM	1	0	19.68	0.093	19.87	0.097	19.56	0.090
3	16QAM	1	8	19.56	0.090	19.69	0.093	19.59	0.091
3	16QAM	1	14	19.59	0.091	19.72	0.094	19.49	0.089
3	16QAM	8	0	18.26	0.067	18.38	0.069	18.37	0.069
3	16QAM	8	4	18.37	0.069	18.34	0.068	18.44	0.070
3	16QAM	8	7	18.36	0.069	18.43	0.070	18.23	0.067
3	16QAM	15	0	18.35	0.068	18.27	0.067	18.23	0.067



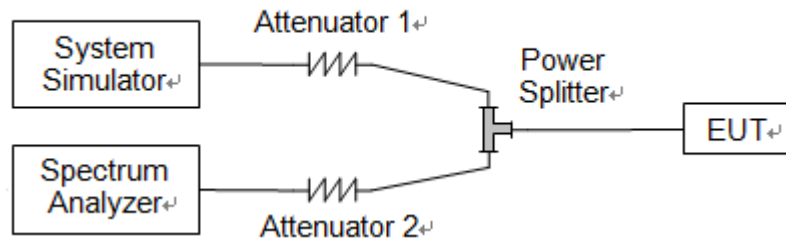
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.28	0.107	20.49	0.112	20.24	0.106
1.4	QPSK	1	3	20.16	0.104	20.14	0.103	20.22	0.105
1.4	QPSK	1	5	20.11	0.103	20.34	0.108	20.19	0.105
1.4	QPSK	3	0	19.27	0.085	19.29	0.085	19.23	0.084
1.4	QPSK	3	1	19.32	0.086	19.35	0.086	19.28	0.085
1.4	QPSK	3	3	19.26	0.084	19.32	0.086	19.32	0.086
1.4	QPSK	6	0	19.33	0.086	19.17	0.083	19.23	0.084
1.4	16QAM	1	0	19.66	0.093	19.85	0.097	19.54	0.090
1.4	16QAM	1	3	19.54	0.090	19.67	0.093	19.57	0.091
1.4	16QAM	1	5	19.57	0.091	19.70	0.093	19.47	0.089
1.4	16QAM	3	0	18.24	0.067	18.36	0.069	18.35	0.068
1.4	16QAM	3	1	18.35	0.068	18.32	0.068	18.42	0.070
1.4	16QAM	3	3	18.34	0.068	18.41	0.069	18.21	0.066
1.4	16QAM	6	0	18.33	0.068	18.25	0.067	18.21	0.066

## 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	1.28
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.29
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.94
5	Low	QPSK	4.50	4.91
	Low	16QAM	4.51	4.93
	Mid	QPSK	4.49	4.93
	Mid	16QAM	4.50	4.88
	High	QPSK	4.50	4.95
	High	16QAM	4.49	4.88
10	Low	QPSK	9.00	9.71
	Low	16QAM	8.97	9.67
	Mid	QPSK	9.01	9.74
	Mid	16QAM	8.96	9.68
	High	QPSK	8.99	9.74
	High	16QAM	8.99	9.68
15	Low	QPSK	13.49	14.60
	Low	16QAM	13.47	14.59
	Mid	QPSK	13.51	14.62
	Mid	16QAM	13.47	14.56
	High	QPSK	13.47	14.60
	High	16QAM	13.48	14.60
20	Low	QPSK	17.97	19.37
	Low	16QAM	17.98	19.35
	Mid	QPSK	17.97	19.40
	Mid	16QAM	18.01	19.37
	High	QPSK	17.95	19.40
	High	16QAM	18.00	19.35



LTE Band 4				
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
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.29
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.70	3.21
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.50	4.89
	Mid	QPSK	4.48	4.92
	Mid	16QAM	4.51	5.53
	High	QPSK	4.49	4.90
	High	16QAM	4.50	4.96
10	Low	QPSK	9.00	9.92
	Low	16QAM	8.97	9.70
	Mid	QPSK	8.99	9.68
	Mid	16QAM	8.97	9.83
	High	QPSK	8.98	9.72
	High	16QAM	8.96	9.74
15	Low	QPSK	13.44	14.55
	Low	16QAM	13.44	14.72
	Mid	QPSK	13.50	14.57
	Mid	16QAM	13.46	14.59
	High	QPSK	13.42	14.61
	High	16QAM	13.45	14.54
20	Low	QPSK	17.95	20.53
	Low	16QAM	17.96	19.54
	Mid	QPSK	17.99	20.46
	Mid	16QAM	18.02	20.2
	High	QPSK	17.95	19.35
	High	16QAM	17.92	19.34



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.11	1.29
	Mid	16QAM	1.12	1.29
	High	QPSK	1.10	1.23
	High	16QAM	1.10	1.30
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	High	QPSK	2.69	2.93
	High	16QAM	2.72	2.88
5	Low	QPSK	4.49	5.13
	Low	16QAM	4.49	4.94
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.50	4.91
	High	QPSK	4.43	4.74
	High	16QAM	4.50	4.90
10	Low	QPSK	9.00	9.71
	Low	16QAM	8.97	9.67
	Mid	QPSK	8.99	9.66
	Mid	16QAM	8.98	9.67
	High	QPSK	8.97	9.72
	High	16QAM	8.94	9.69



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.51	4.91
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.49	4.90
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.89
10	Low	QPSK	8.99	9.66
	Low	16QAM	8.97	9.71
	Mid	QPSK	8.98	9.75
	Mid	16QAM	8.98	9.72
	High	QPSK	8.98	9.65
	High	16QAM	8.96	9.71
15	Low	QPSK	13.48	14.59
	Low	16QAM	13.46	14.59
	Mid	QPSK	13.46	14.58
	Mid	16QAM	13.38	14.06
	High	QPSK	13.51	14.56
	High	16QAM	13.46	14.60
20	Low	QPSK	17.98	19.46
	Low	16QAM	17.97	19.39
	Mid	QPSK	17.96	19.37
	Mid	16QAM	17.99	19.38
	High	QPSK	17.93	19.34
	High	16QAM	17.97	19.39



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.09
	Low	16QAM	4.52	5.15
	Mid	QPSK	4.53	5.15
	Mid	16QAM	4.52	5.15
	High	QPSK	4.51	5.14
	High	16QAM	4.50	5.14
10	Low	QPSK	/	/
	Low	16QAM	/	/
	Mid	QPSK	9.04	9.99
	Mid	16QAM	9.00	10.00
	High	QPSK	/	/
	High	16QAM	/	/





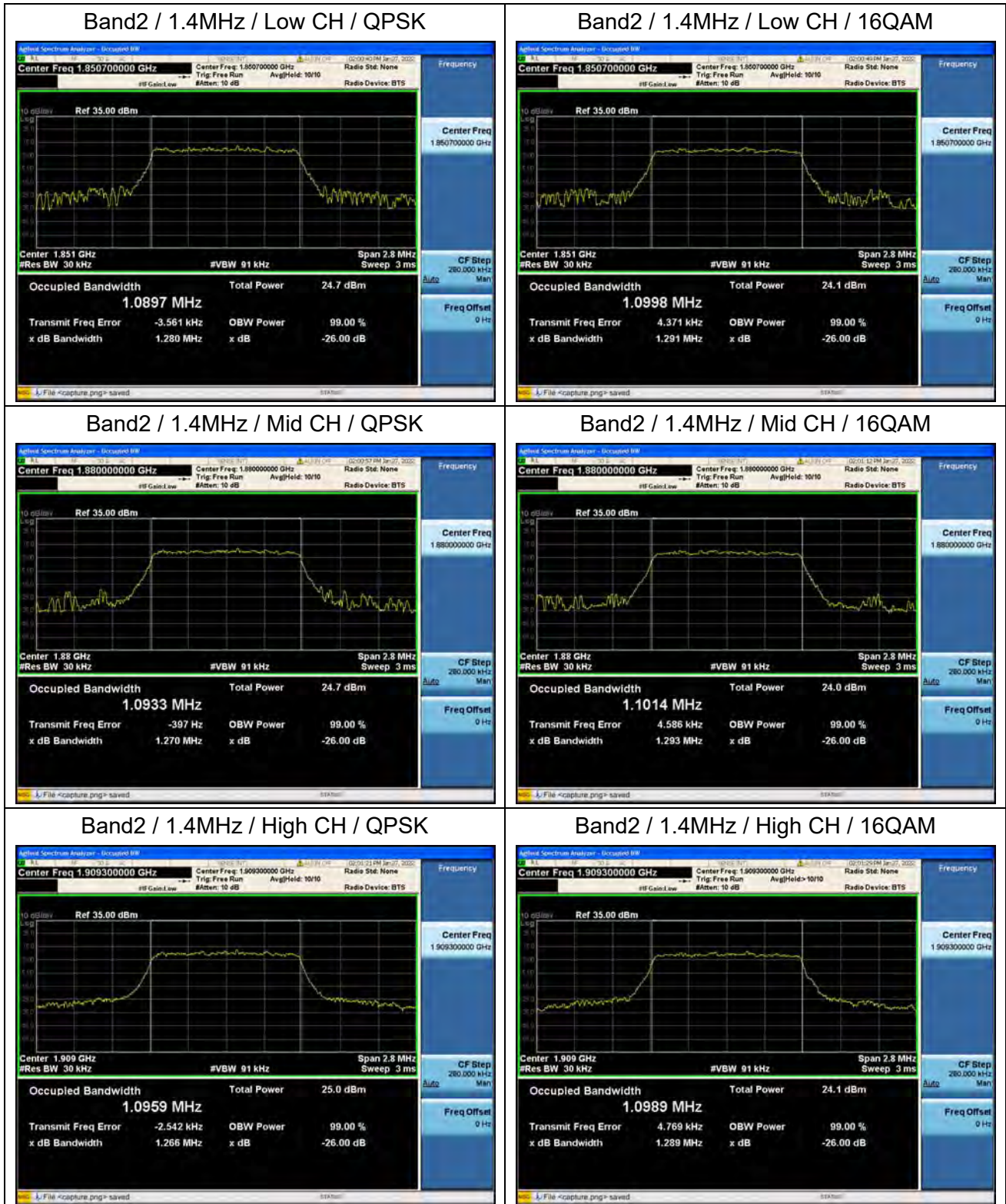
LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.27
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.28
	High	QPSK	1.09	1.29
	High	16QAM	1.10	1.28
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.91
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.90
5	Low	QPSK	4.49	5.03
	Low	16QAM	4.50	4.91
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.50	4.88
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.90
10	Low	QPSK	8.99	9.71
	Low	16QAM	8.97	9.67
	Mid	QPSK	9.00	9.70
	Mid	16QAM	8.97	9.75
	High	QPSK	9.00	9.74
	High	16QAM	8.94	9.71
15	Low	QPSK	13.49	14.6
	Low	16QAM	13.45	14.64
	Mid	QPSK	13.45	14.42
	Mid	16QAM	13.47	14.52
	High	QPSK	13.49	14.48
	High	16QAM	13.46	14.59



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.94
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.50	4.91
	High	QPSK	4.49	4.91
	High	16QAM	4.50	4.93
10	Low	QPSK	8.97	9.64
	Low	16QAM	8.97	10.24
	Mid	QPSK	8.97	9.70
	Mid	16QAM	8.98	9.62
	High	QPSK	8.97	9.64
	High	16QAM	8.98	9.68
15	Low	QPSK	13.46	14.47
	Low	16QAM	13.48	14.6
	Mid	QPSK	13.45	14.46
	Mid	16QAM	13.47	14.66
	High	QPSK	13.47	14.52
	High	16QAM	13.46	14.65
20	Low	QPSK	17.96	19.23
	Low	16QAM	17.98	19.27
	Mid	QPSK	17.96	19.19
	Mid	16QAM	17.96	19.37
	High	QPSK	17.95	19.31
	High	16QAM	17.89	19.19

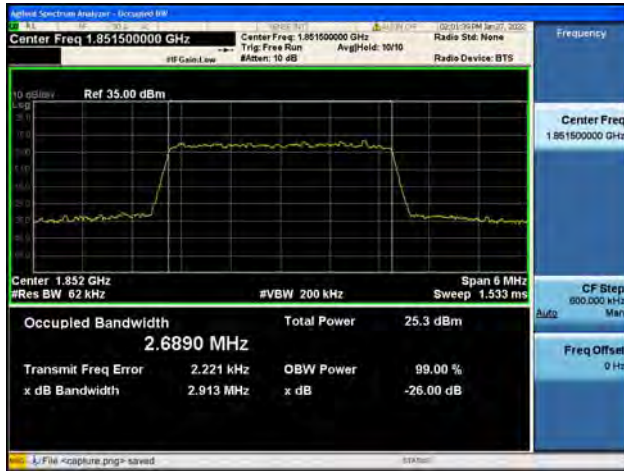


LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.30
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.31
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.28
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.94
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.93
5	Low	QPSK	4.51	5.15
	Low	16QAM	4.52	5.13
	Mid	QPSK	4.51	5.13
	Mid	16QAM	4.51	5.13
	High	QPSK	4.52	5.14
	High	16QAM	4.51	5.12
10	Low	QPSK	9.01	10.10
	Low	16QAM	8.98	9.96
	Mid	QPSK	8.99	10.38
	Mid	16QAM	8.98	9.98
	High	QPSK	9.03	10.12
	High	16QAM	8.98	9.89
15	Low	QPSK	13.50	14.88
	Low	16QAM	13.47	15.00
	Mid	QPSK	13.51	15.07
	Mid	16QAM	13.48	15.09
	High	QPSK	13.49	15.23
	High	16QAM	13.50	14.92
20	Low	QPSK	17.96	19.73
	Low	16QAM	17.98	19.63
	Mid	QPSK	17.94	19.75
	Mid	16QAM	17.98	19.75
	High	QPSK	17.98	19.67
	High	16QAM	17.96	19.76

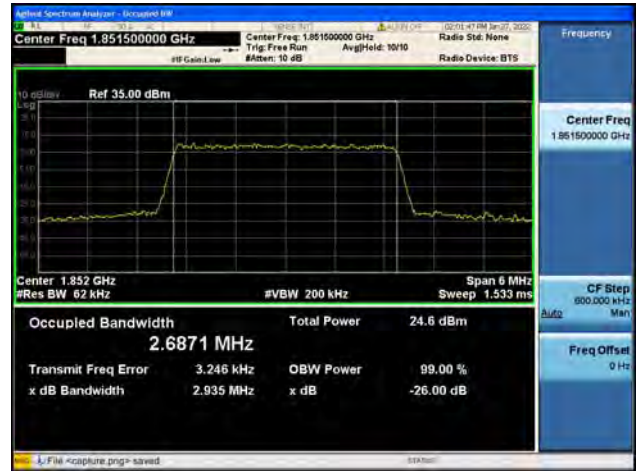




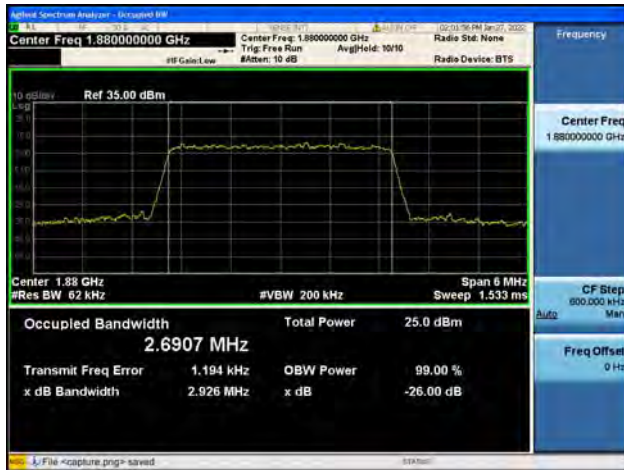
Band2 / 3MHz / Low CH / QPSK



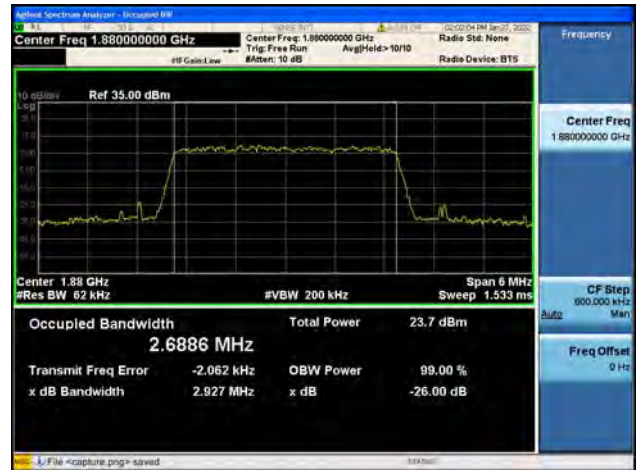
Band2 / 3MHz / Low CH / 16QAM



Band2 / 3MHz / Mid CH / QPSK



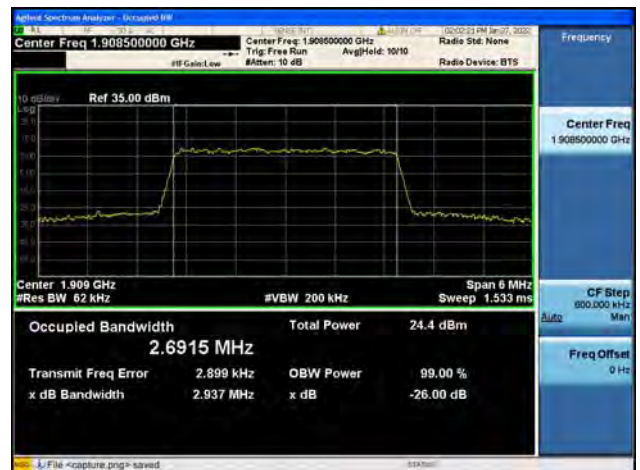
Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / High CH / QPSK

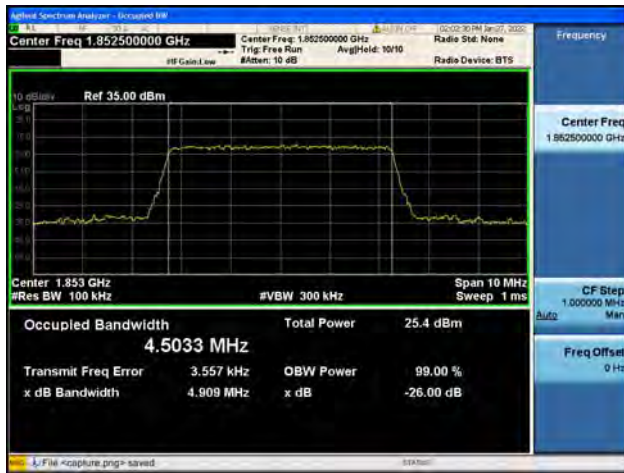


Band2 / 3MHz / High CH / 16QAM

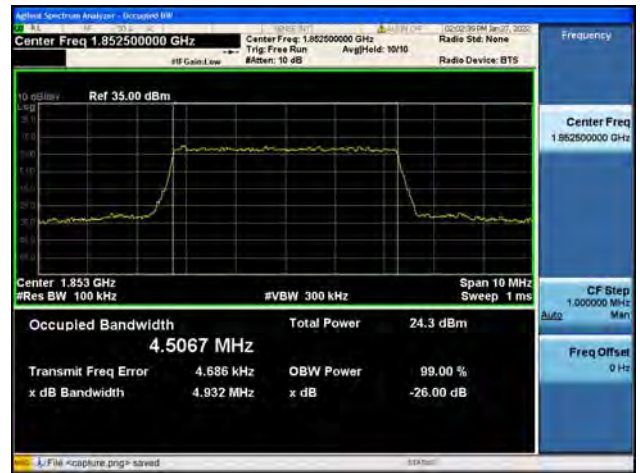




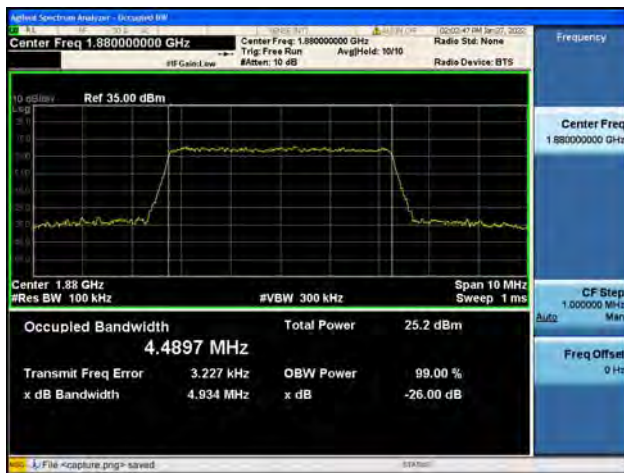
Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Mid CH / QPSK



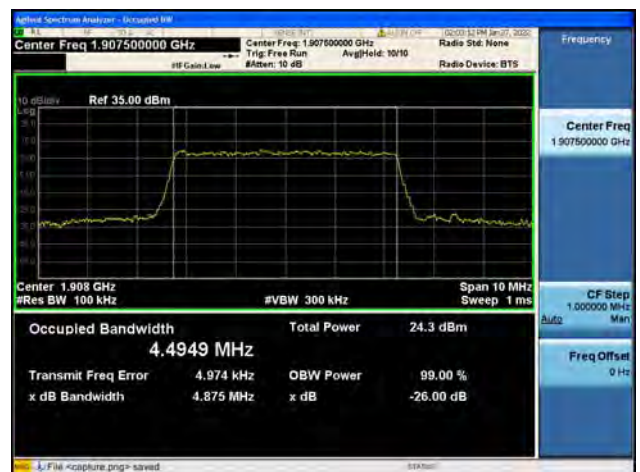
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Band2 / 5MHz / High CH / QPSK

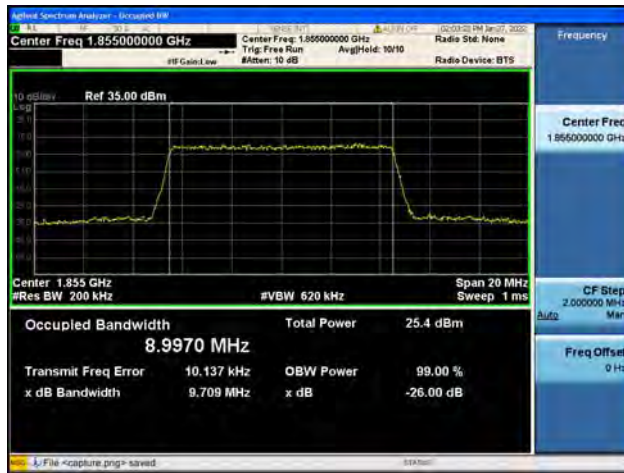


Band2 / 5MHz / High CH / 16QAM

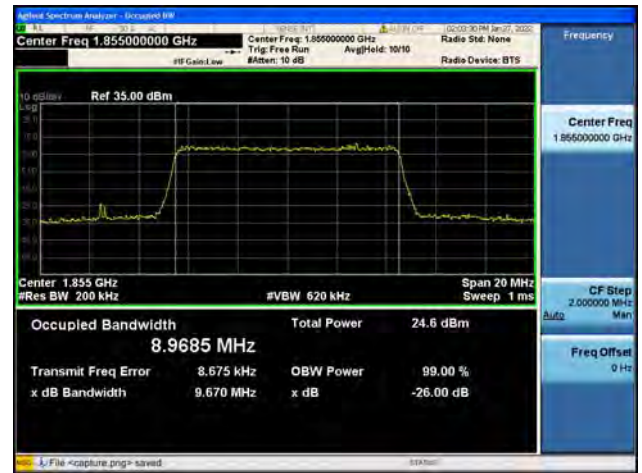




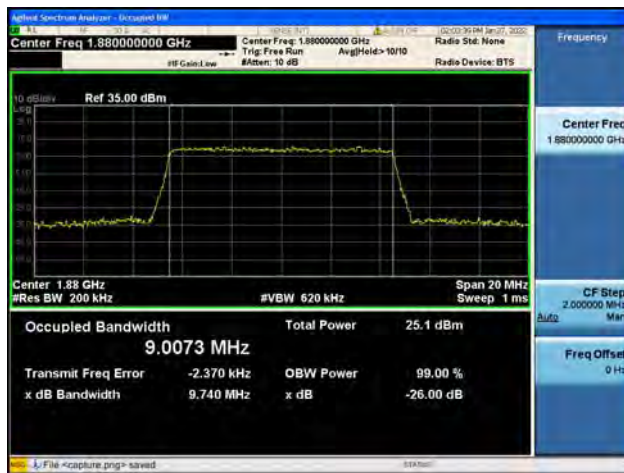
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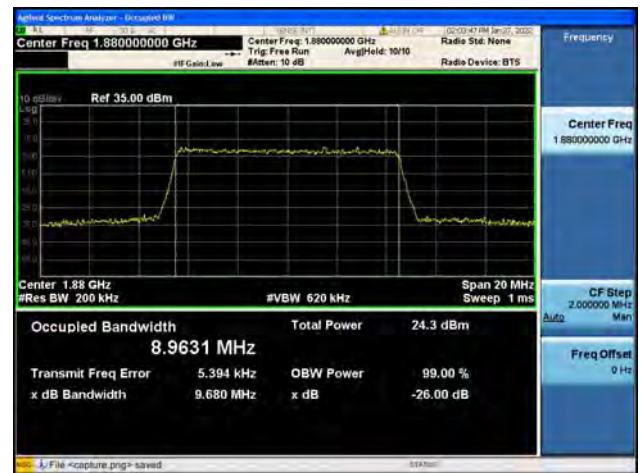
Band2 / 10MHz / Low CH / 16QAM



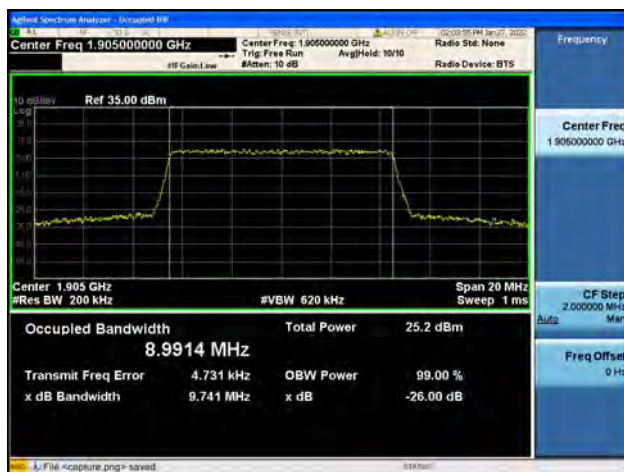
Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / High CH / QPSK

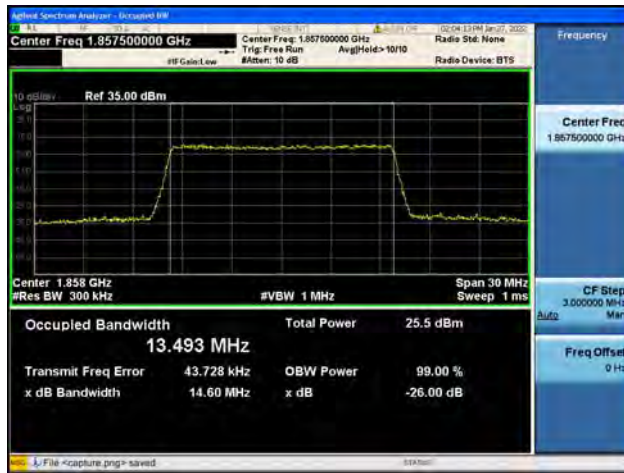


Band2 / 10MHz / High CH / 16QAM

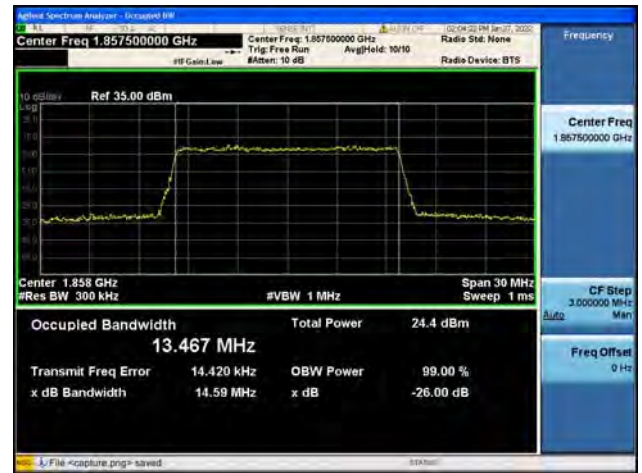




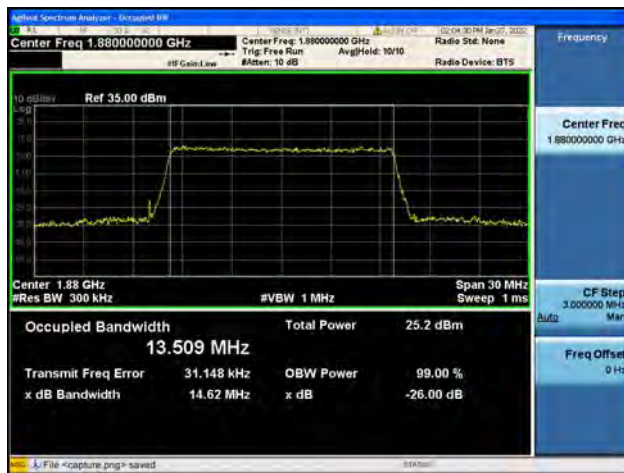
Band2 / 15MHz / Low CH / QPSK



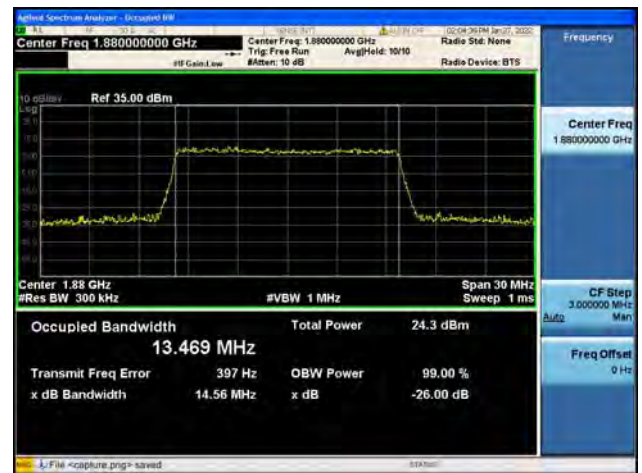
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM



Band2 / 15MHz / High CH / QPSK



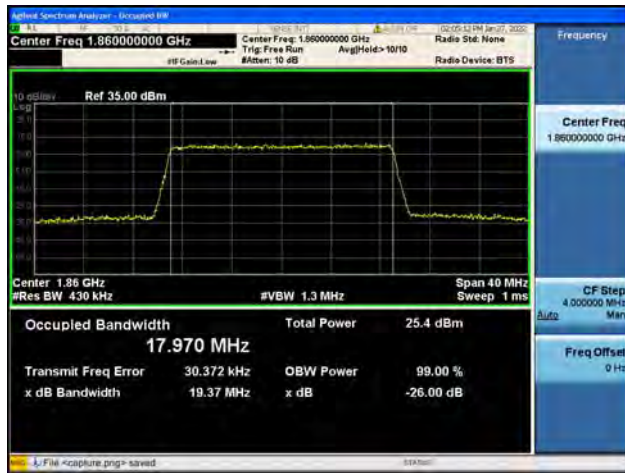
Band2 / 15MHz / High CH / 16QAM



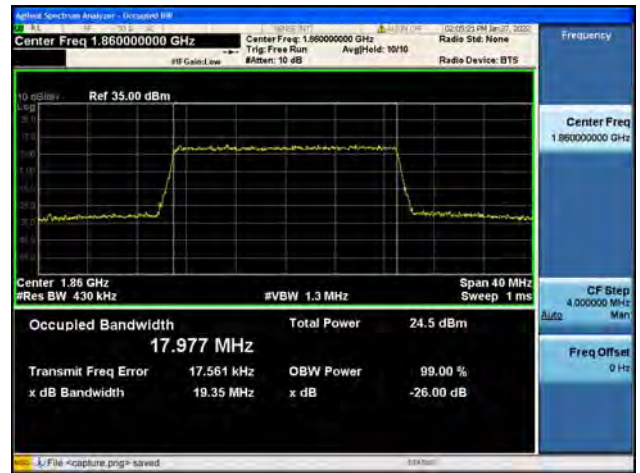




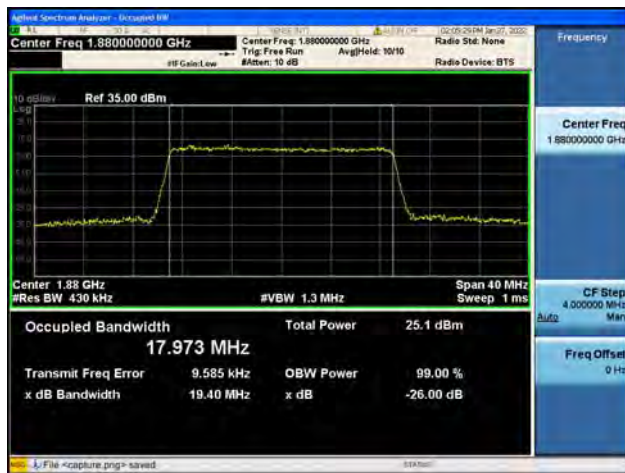
Band2 / 20MHz / Low CH / QPSK



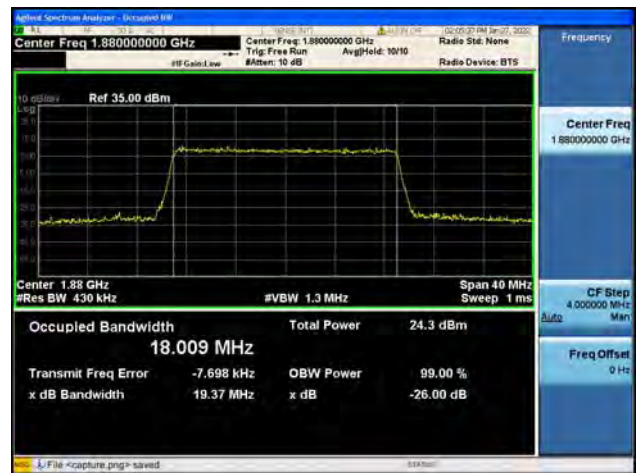
Band2 / 20MHz / Low CH / 16QAM



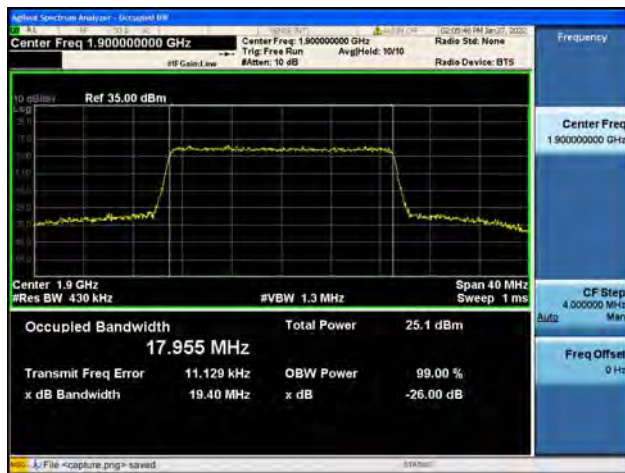
Band2 / 20MHz / Mid CH / QPSK



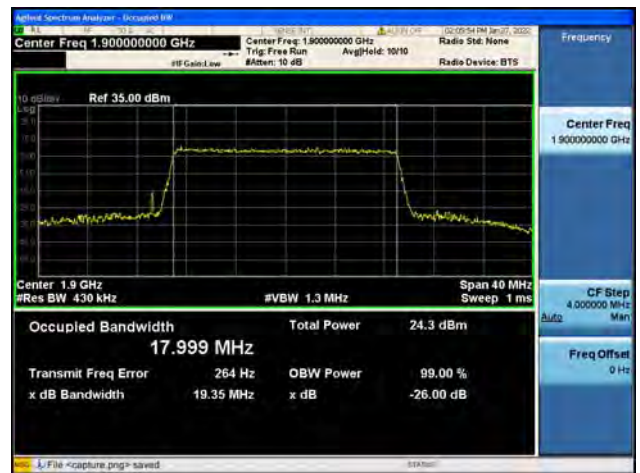
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / High CH / QPSK

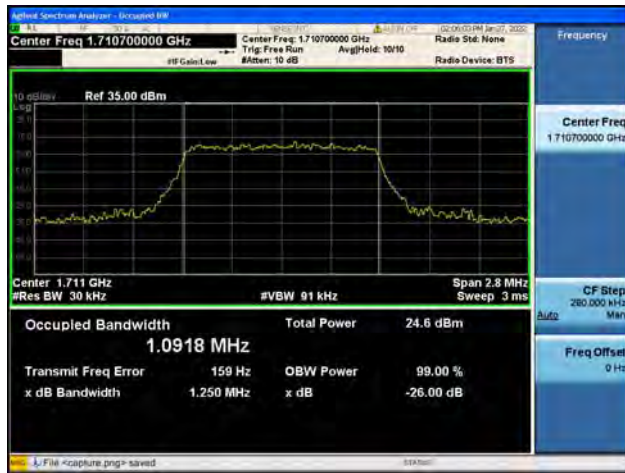


Band2 / 20MHz / High CH / 16QAM

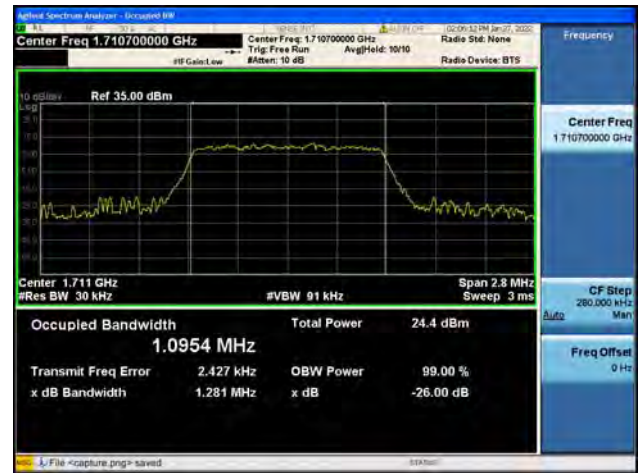




Band4 / 1.4MHz / Low CH / QPSK



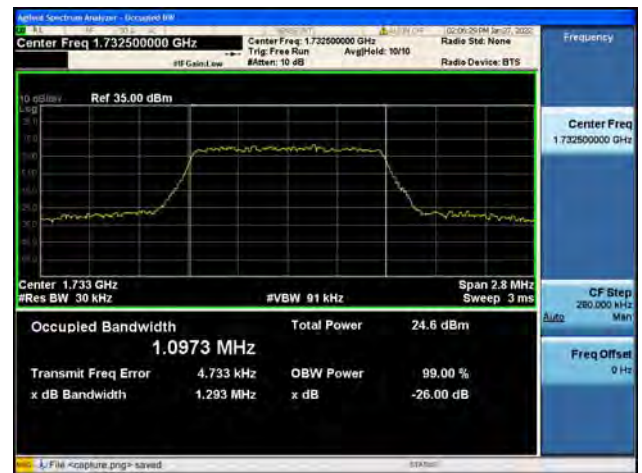
Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Mid CH / QPSK



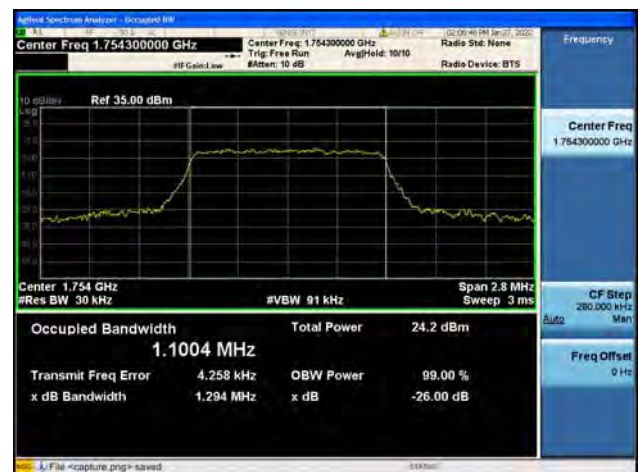
Band4 / 1.4MHz / Mid CH / 16QAM



Band4 / 1.4MHz / High CH / QPSK

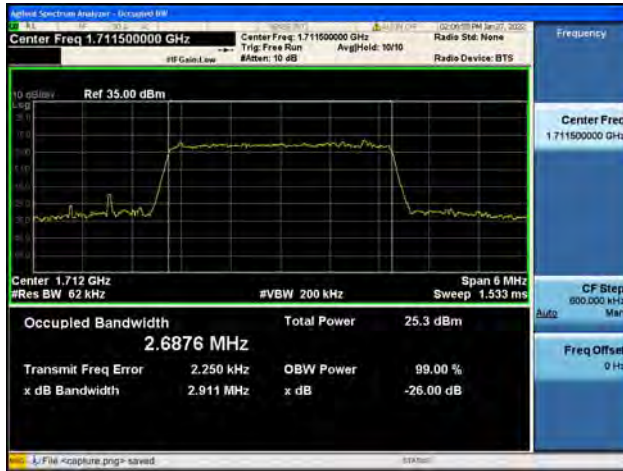


Band4 / 1.4MHz / High CH / 16QAM

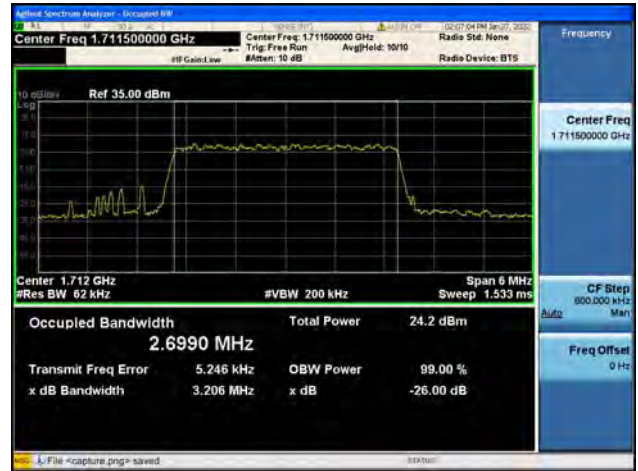




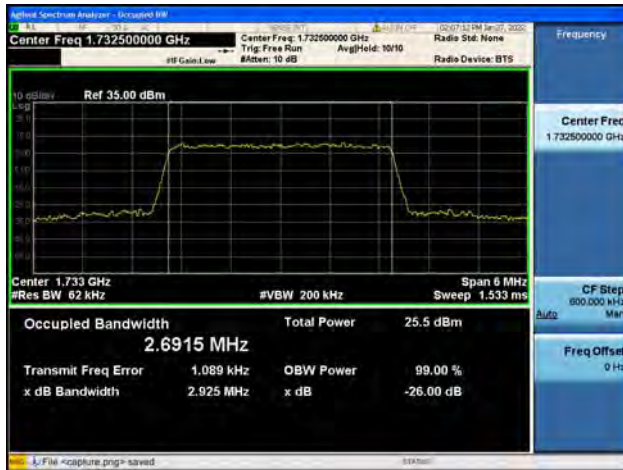
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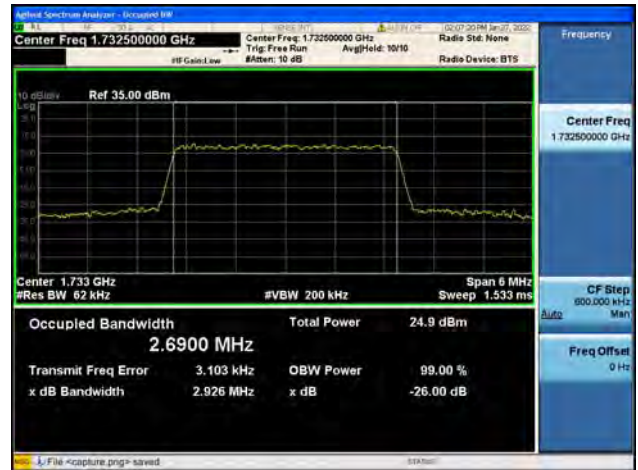
Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Mid CH / QPSK



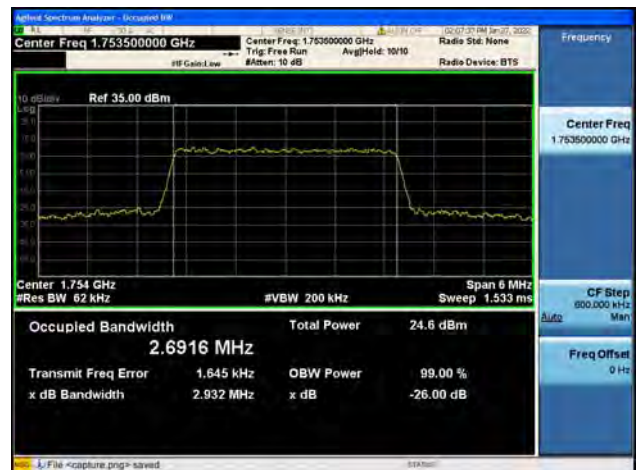
Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / High CH / QPSK

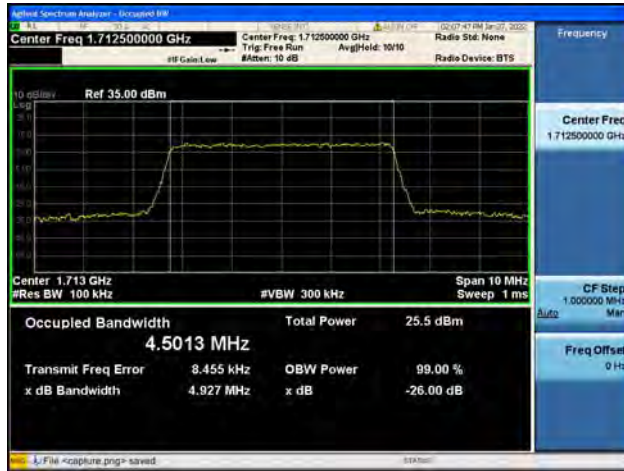


Band4 / 3MHz / High CH / 16QAM

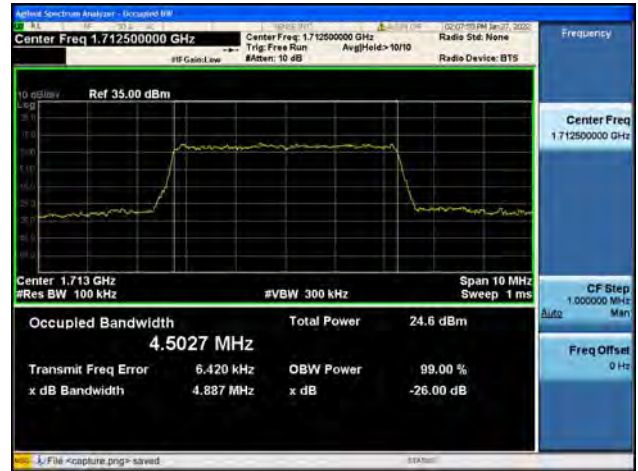




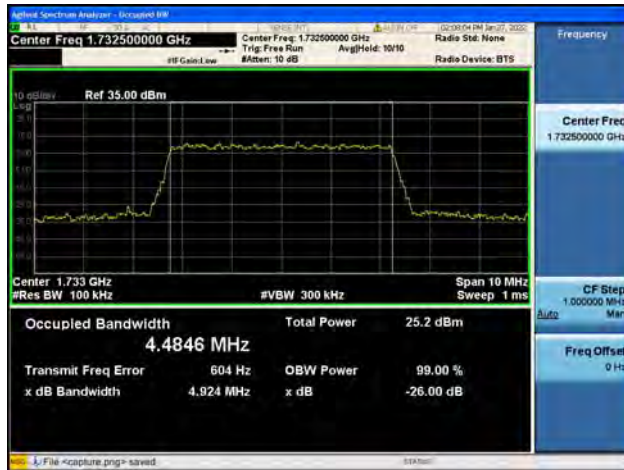
Band4 / 5MHz / Low CH / QPSK



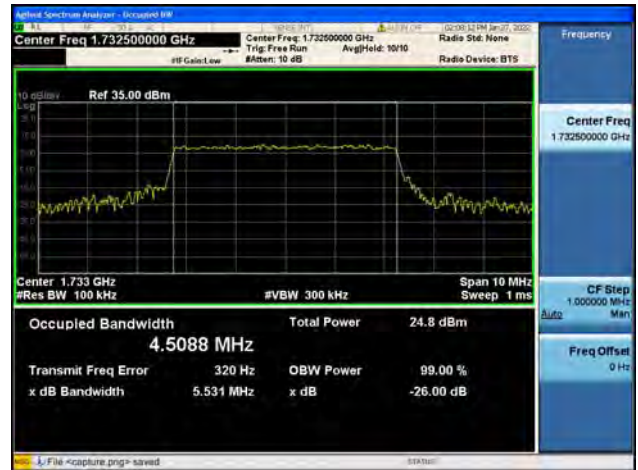
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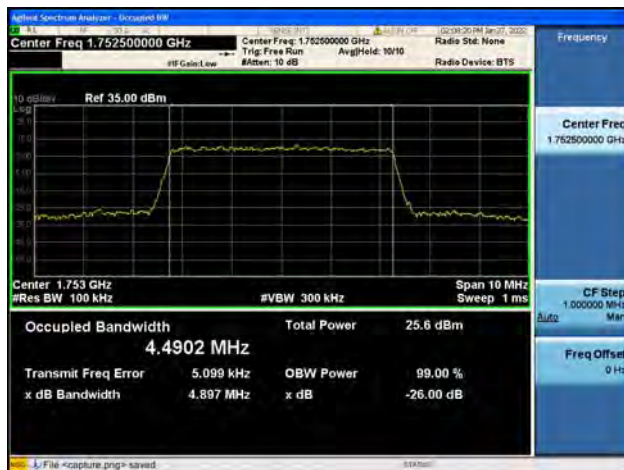
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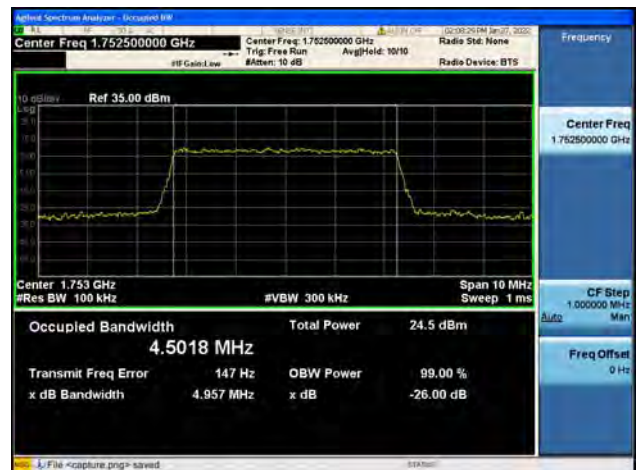
Band4 / 5MHz / Mid CH / 16QAM



Band4 / 5MHz / High CH / QPSK

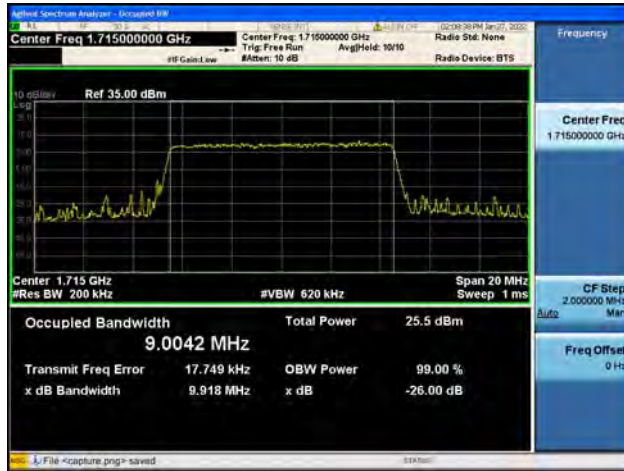


Band4 / 5MHz / High CH / 16QAM

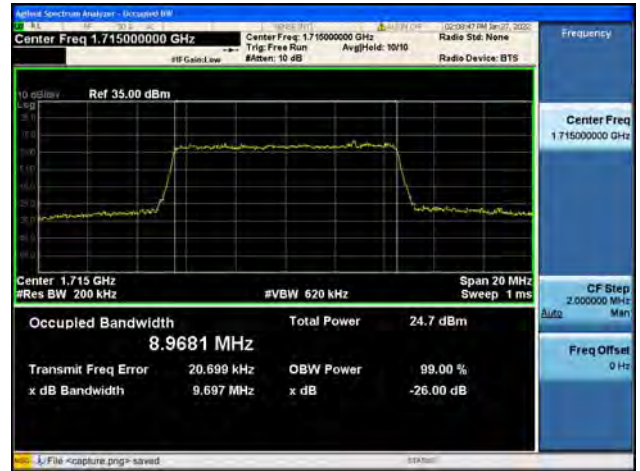




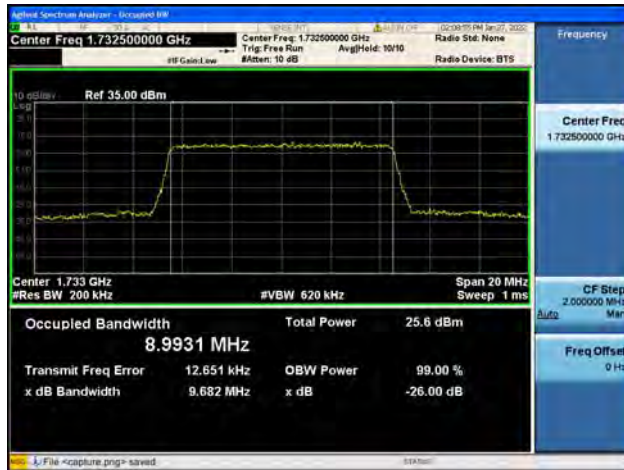
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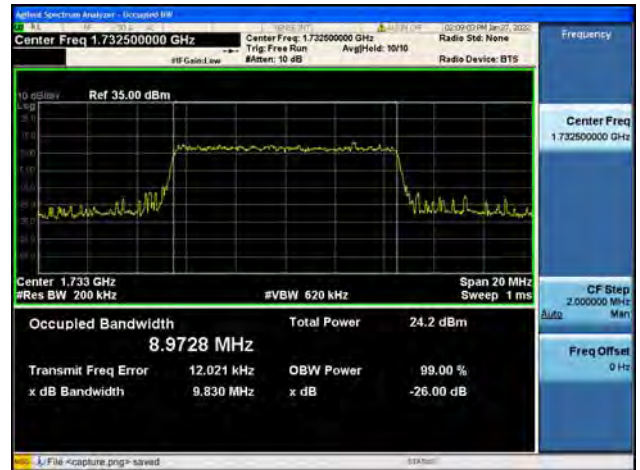
Band4 / 10MHz / Low CH / 16QAM



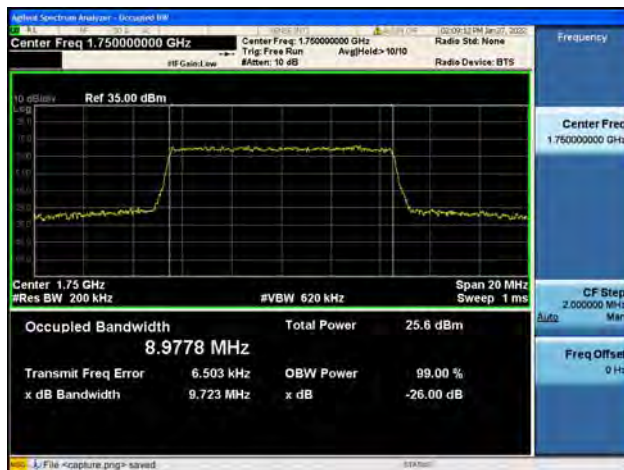
Band4 / 10MHz / Mid CH / QPSK



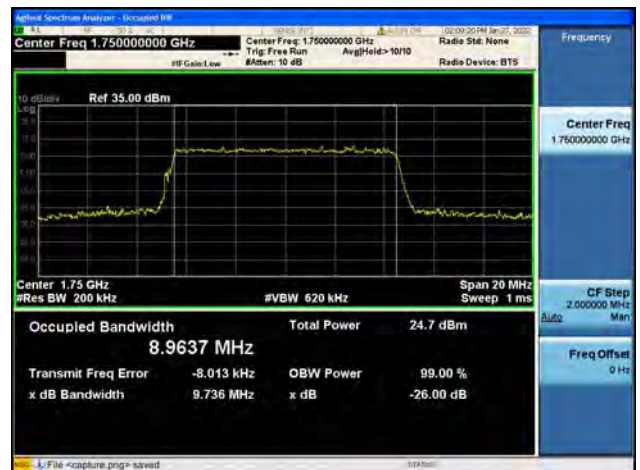
Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / High CH / QPSK

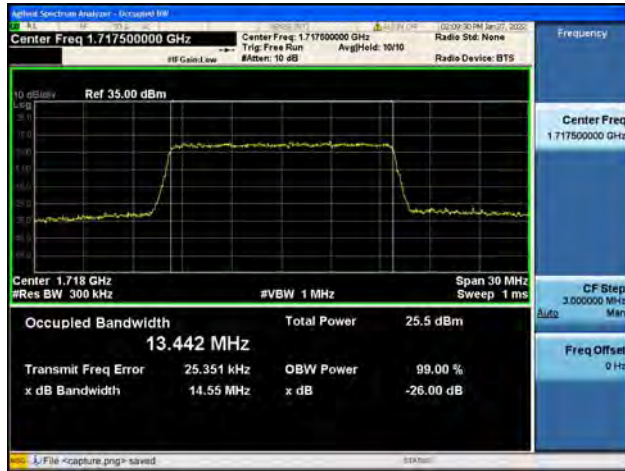


Band4 / 10MHz / High CH / 16QAM

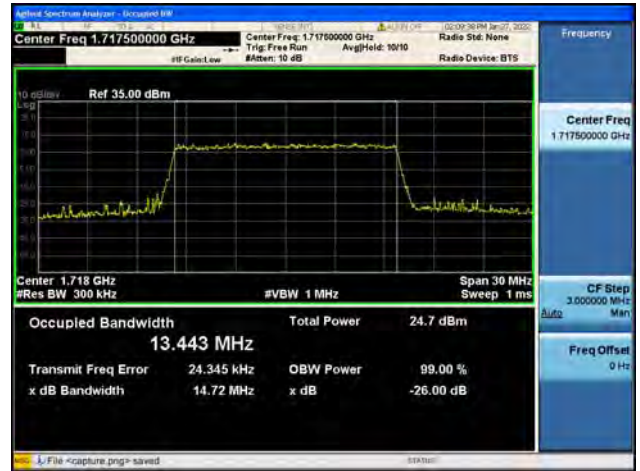




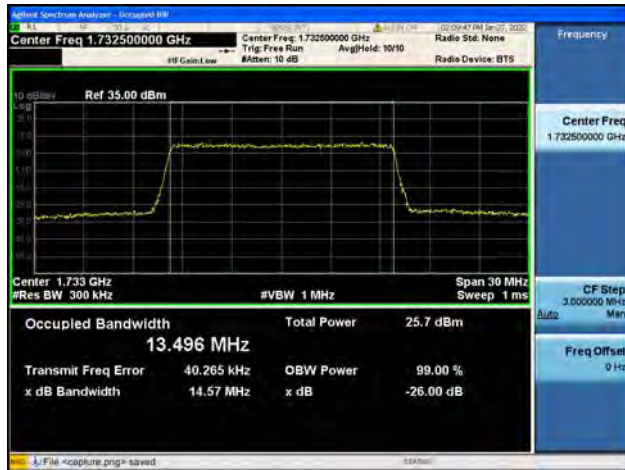
Band4 / 15MHz / Low CH / QPSK



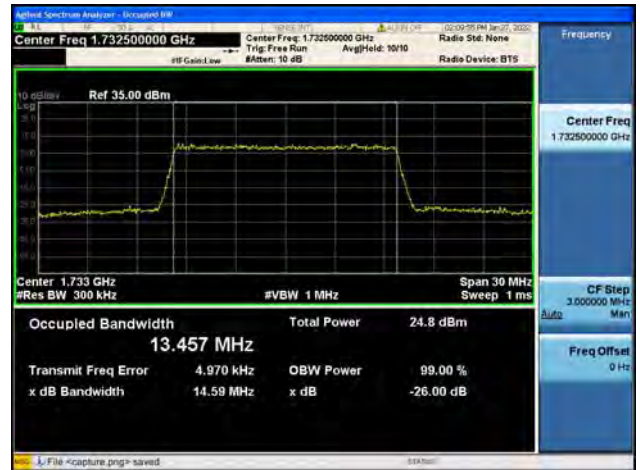
Band4 / 15MHz / Low CH / 16QAM



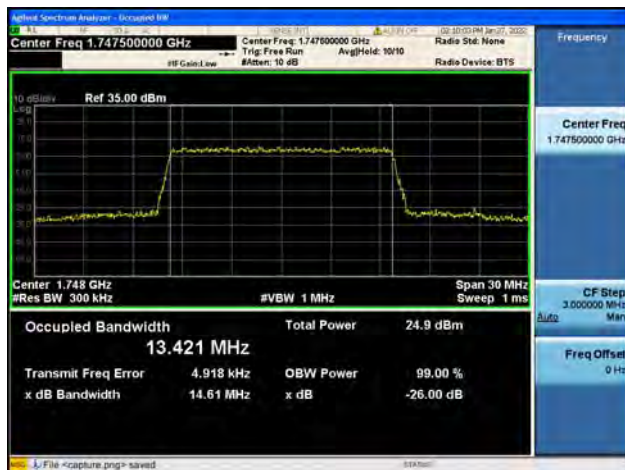
Band4 / 15MHz / Mid CH / QPSK



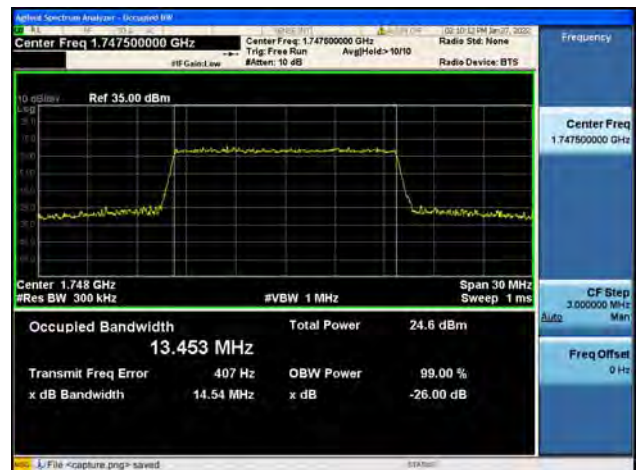
Band4 / 15MHz / Mid CH / 16QAM



Band4 / 15MHz / High CH / QPSK

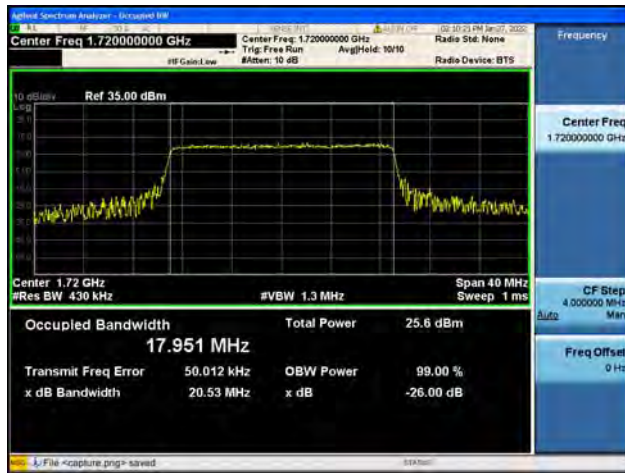


Band4 / 15MHz / High CH / 16QAM

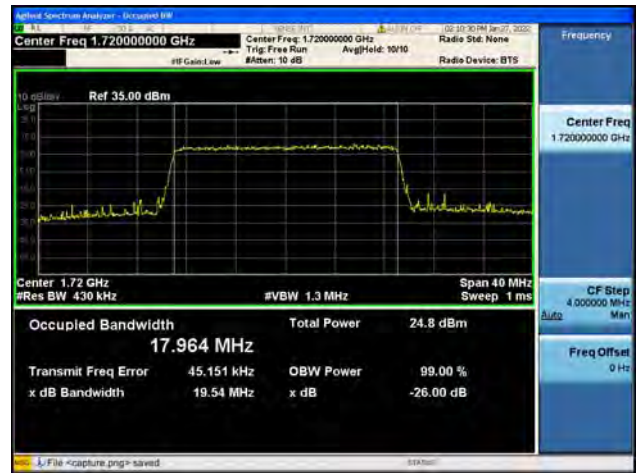




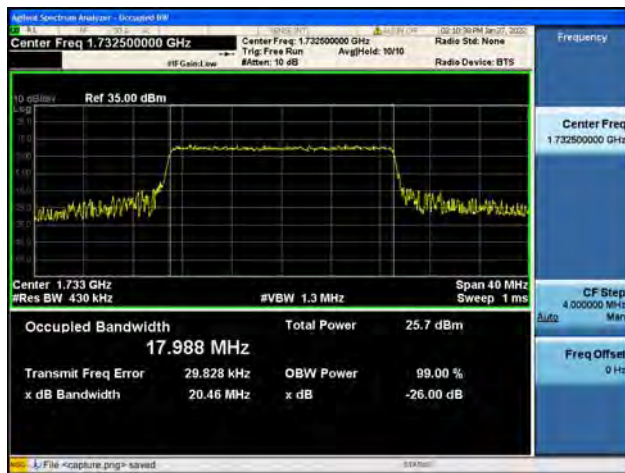
Band4 / 20MHz / Low CH / QPSK



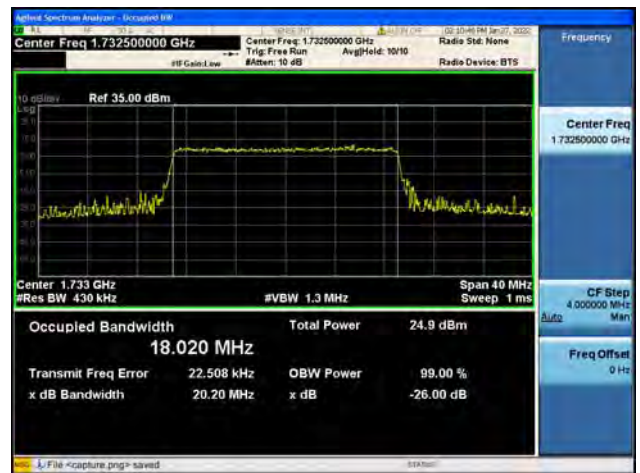
Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / High CH / QPSK

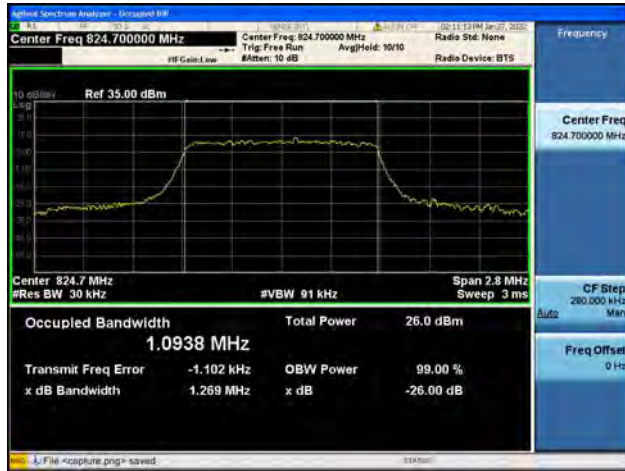


Band4 / 20MHz / High CH / 16QAM

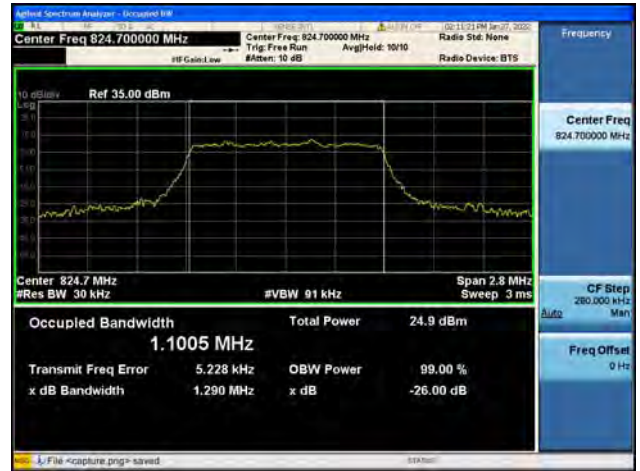




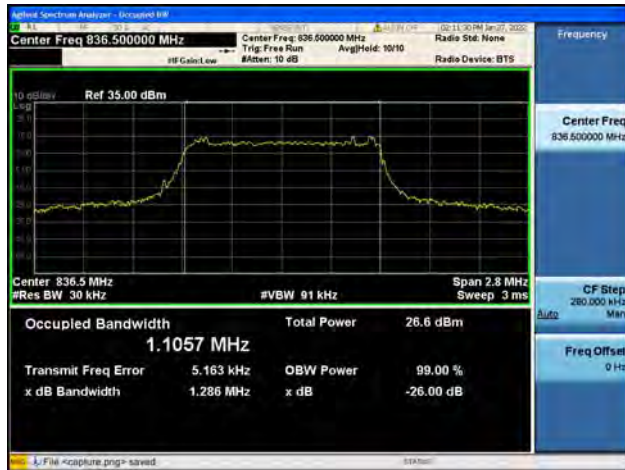
Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / High CH / QPSK



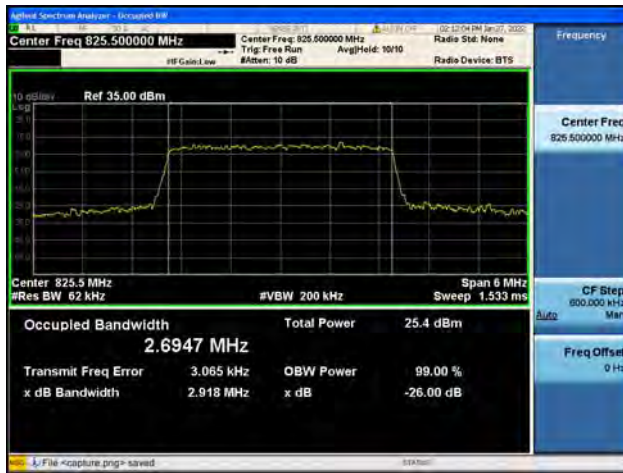
Band5 / 1.4MHz / High CH / 16QAM



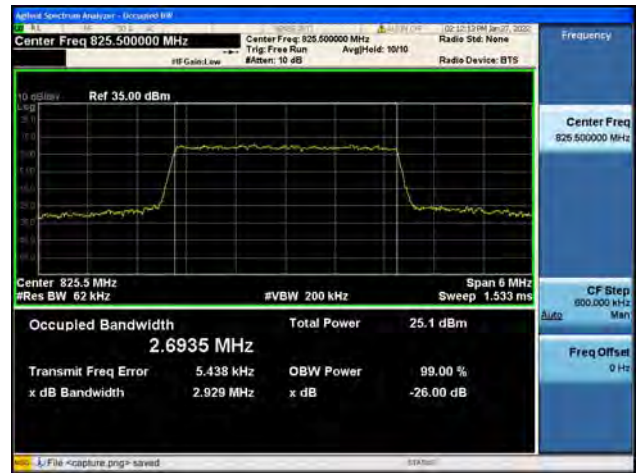




Band5 / 3MHz / Low CH / QPSK



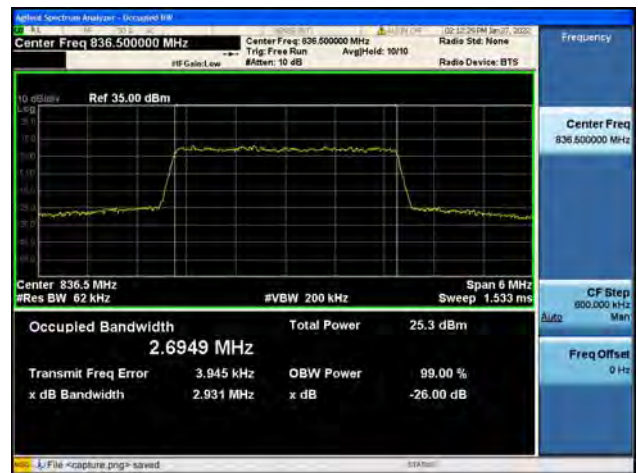
Band5 / 3MHz / Low CH / 16QAM



Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / High CH / QPSK

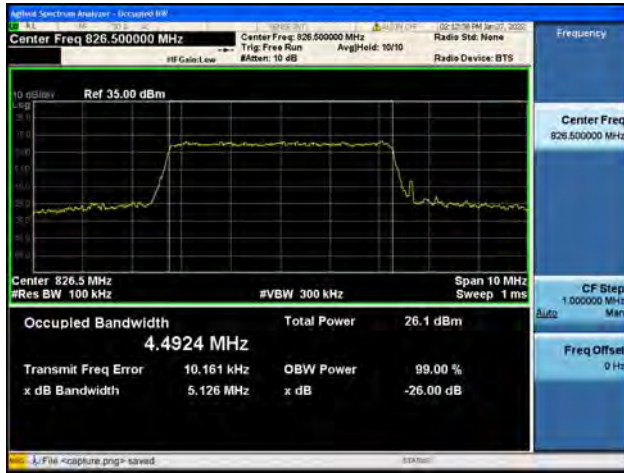


Band5 / 3MHz / High CH / 16QAM





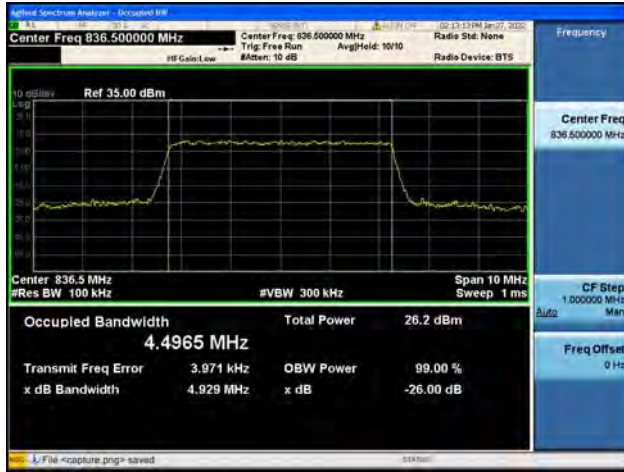
Band5 / 5MHz / Low CH / QPSK



Band5 / 5MHz / Low CH / 16QAM



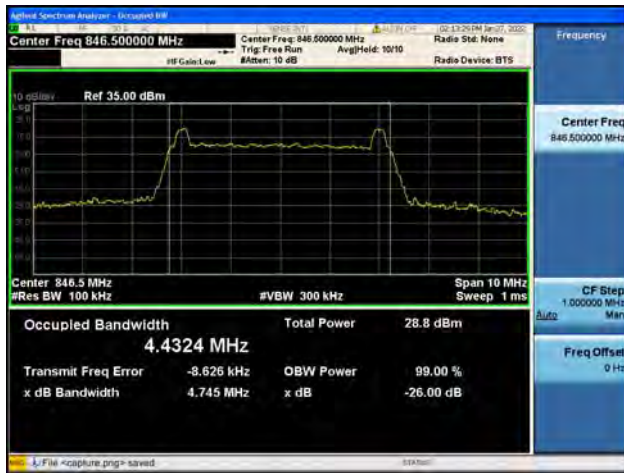
Band5 / 5MHz / Mid CH / QPSK



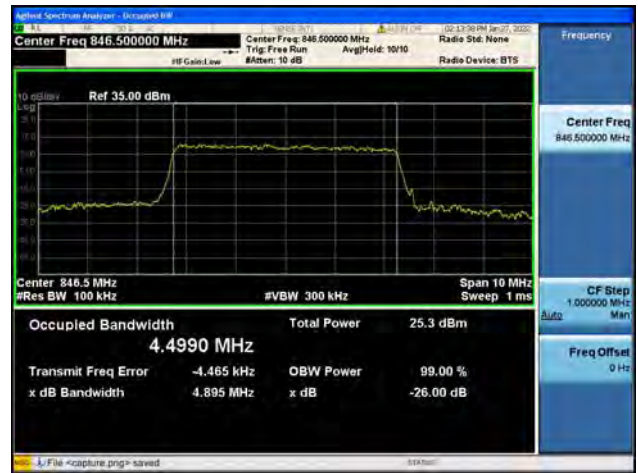
Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / High CH / QPSK

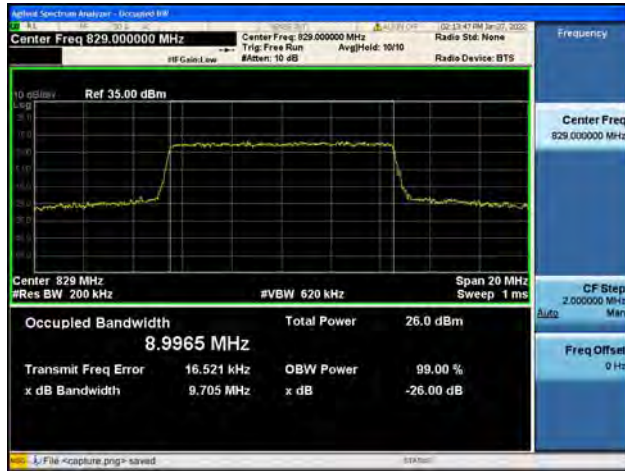


Band5 / 5MHz / High CH / 16QAM

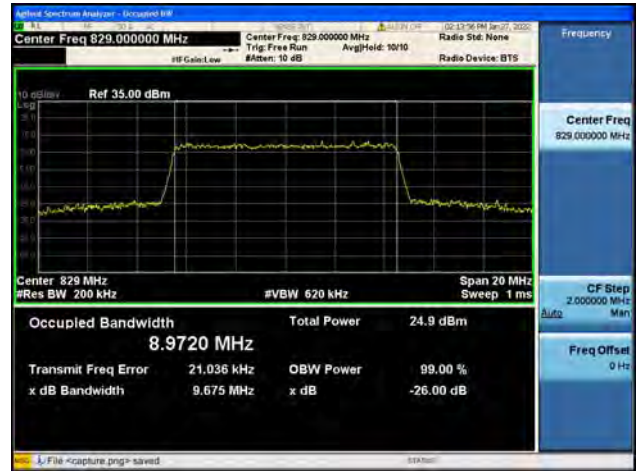




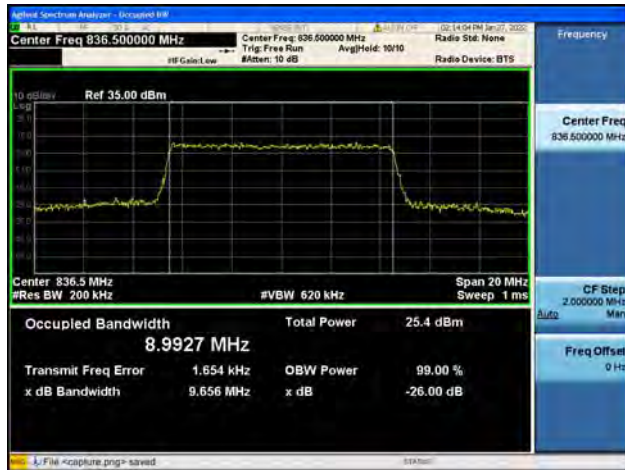
Band5 / 10MHz / Low CH / QPSK



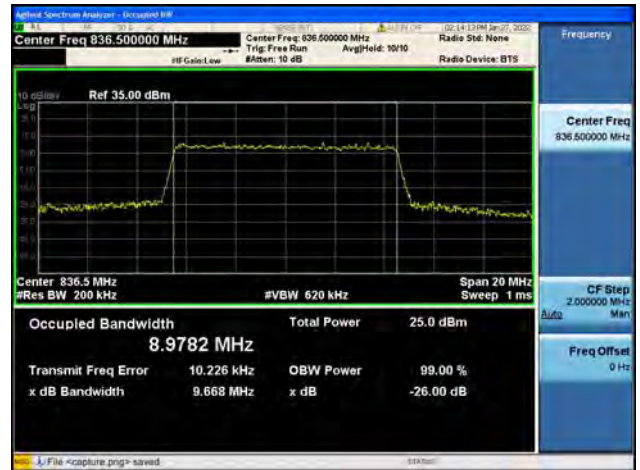
Band5 / 10MHz / Low CH / 16QAM



Band5 / 10MHz / Mid CH / QPSK



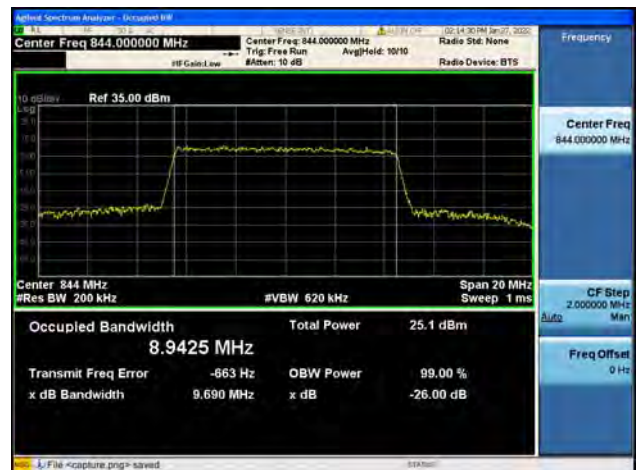
Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / High CH / QPSK

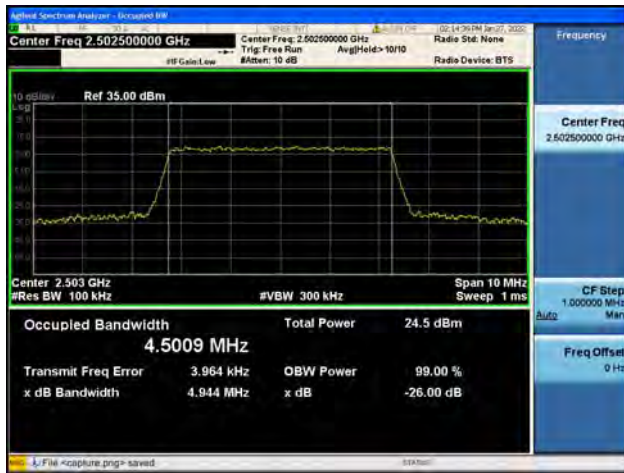


Band5 / 10MHz / High CH / 16QAM

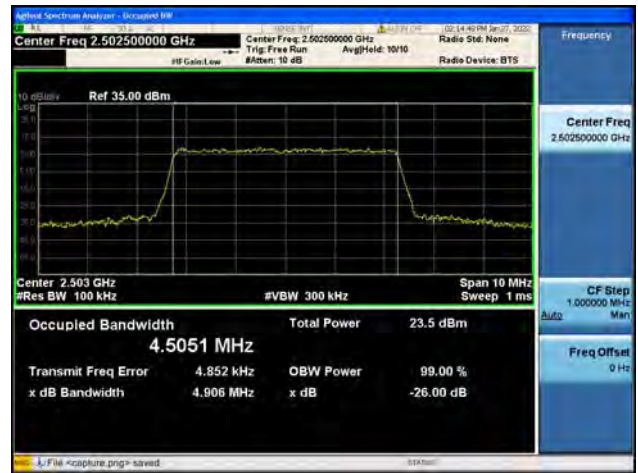




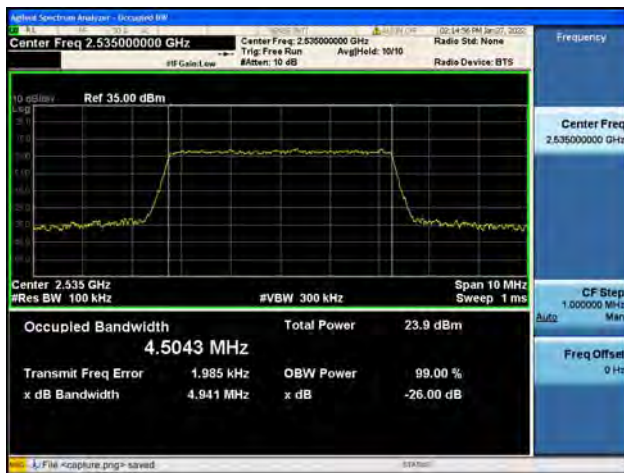
Band7 / 5MHz / Low CH / QPSK



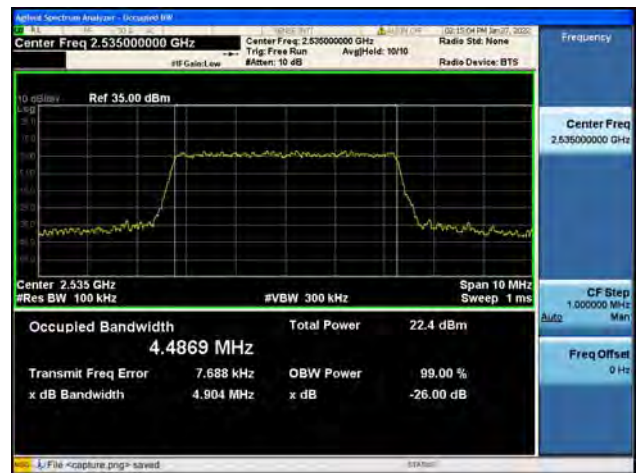
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM



Band7 / 5MHz / High CH / QPSK

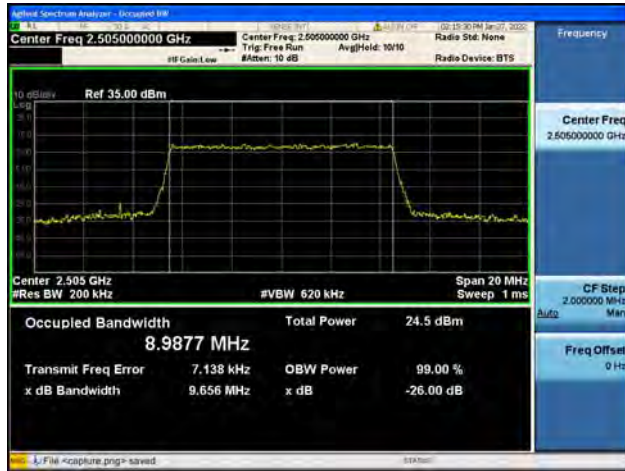


Band7 / 5MHz / High CH / 16QAM

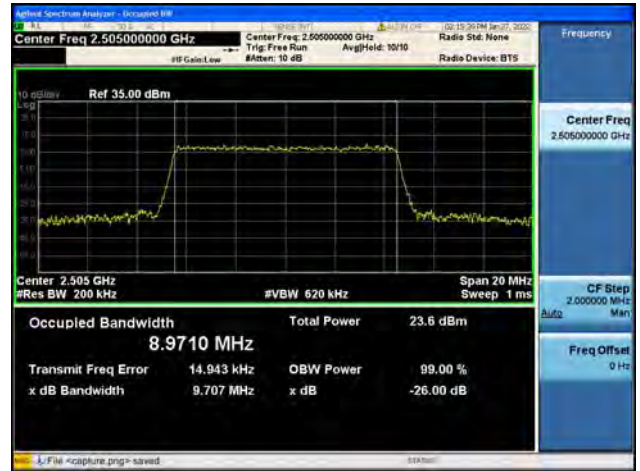




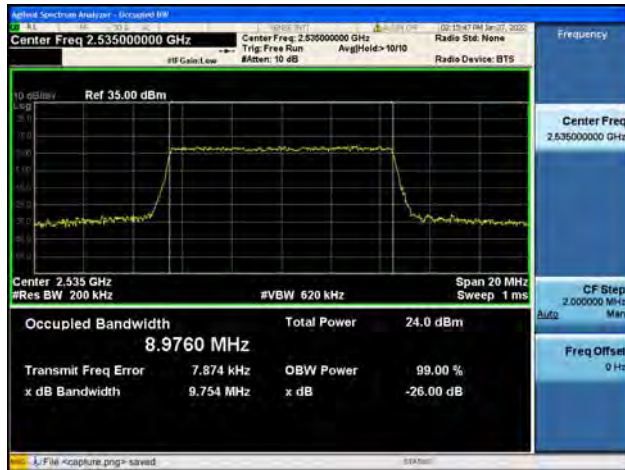
Band7 / 10MHz / Low CH / QPSK



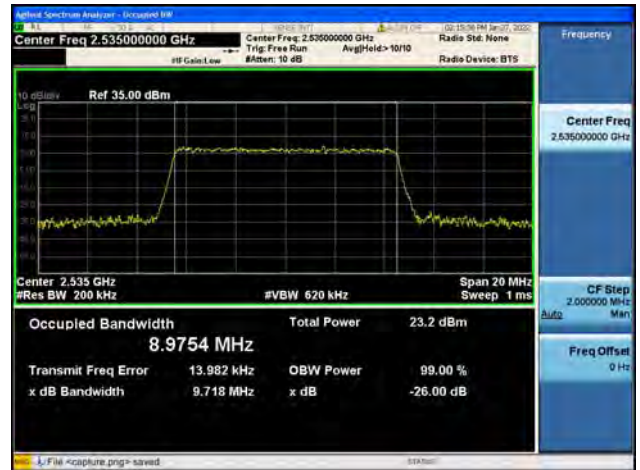
Band7 / 10MHz / Low CH / 16QAM



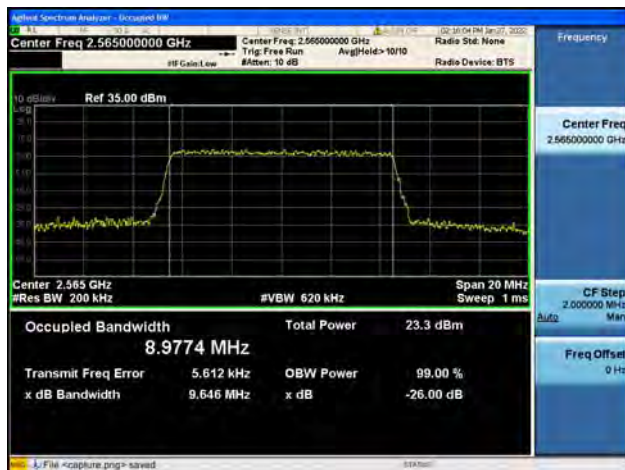
Band7 / 10MHz / Mid CH / QPSK



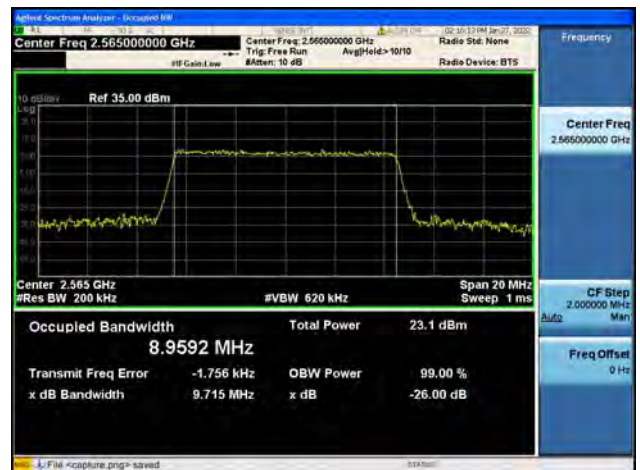
Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / High CH / QPSK

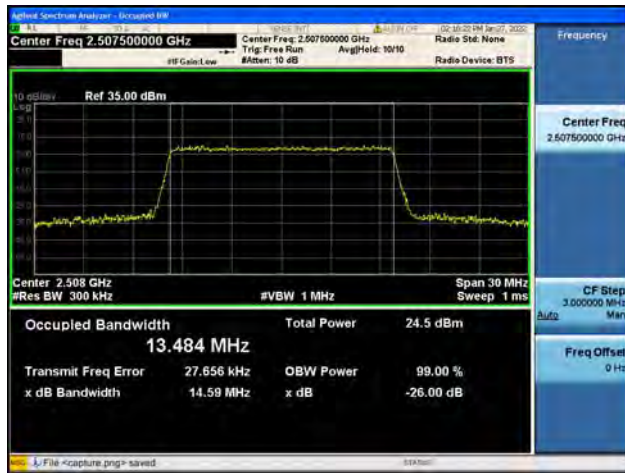


Band7 / 10MHz / High CH / 16QAM

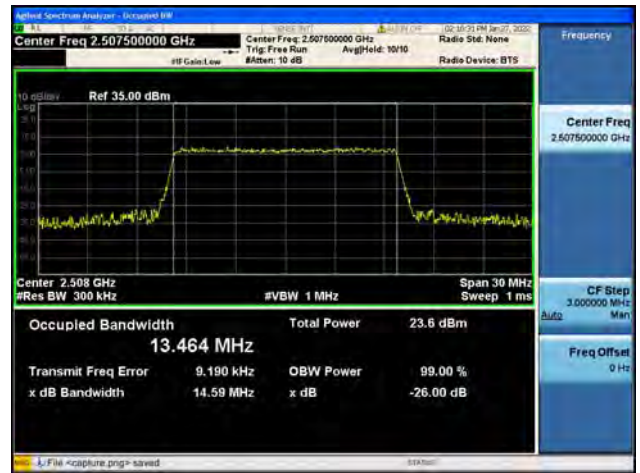




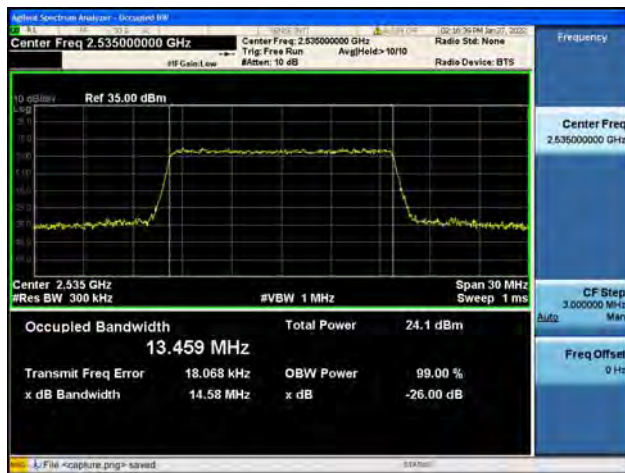
Band7 / 15MHz / Low CH / QPSK



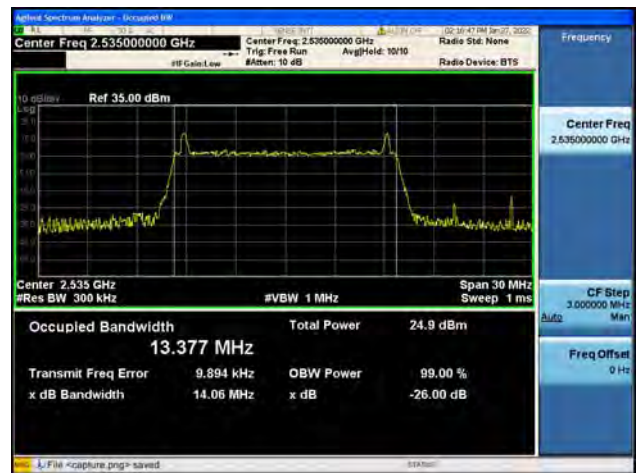
Band7 / 15MHz / Low CH / 16QAM



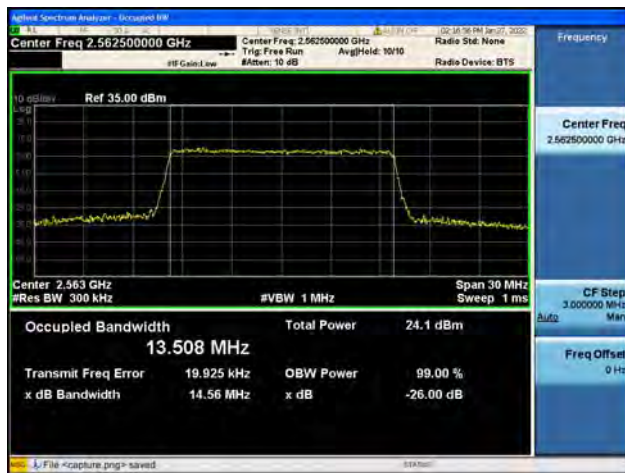
Band7 / 15MHz / Mid CH / QPSK



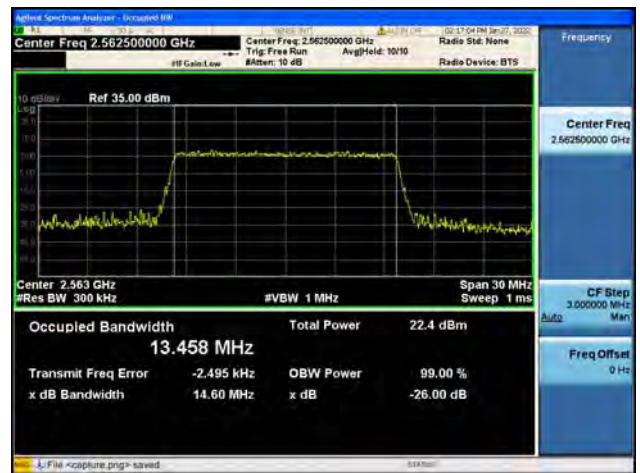
Band7 / 15MHz / Mid CH / 16QAM



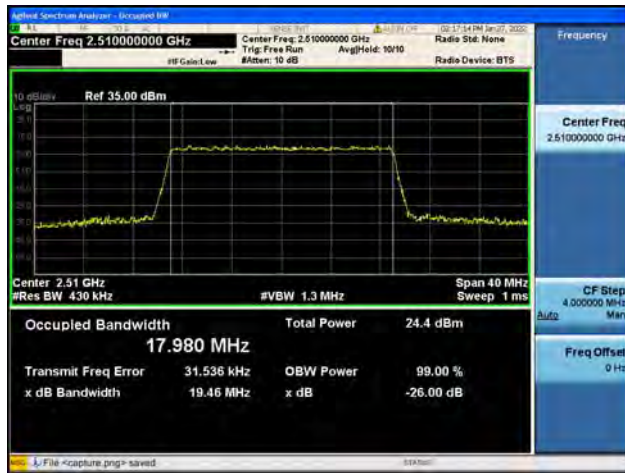
Band7 / 15MHz / High CH / QPSK



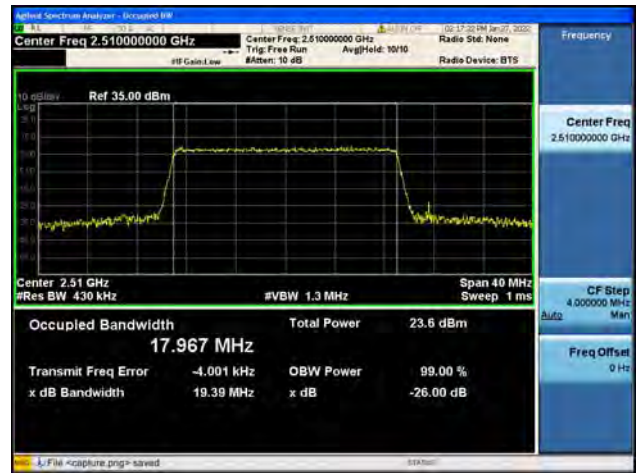
Band7 / 15MHz / High CH / 16QAM



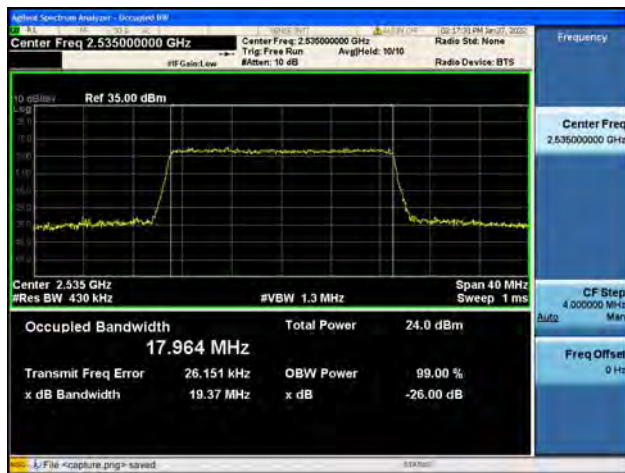
Band7 / 20MHz / Low CH / QPSK



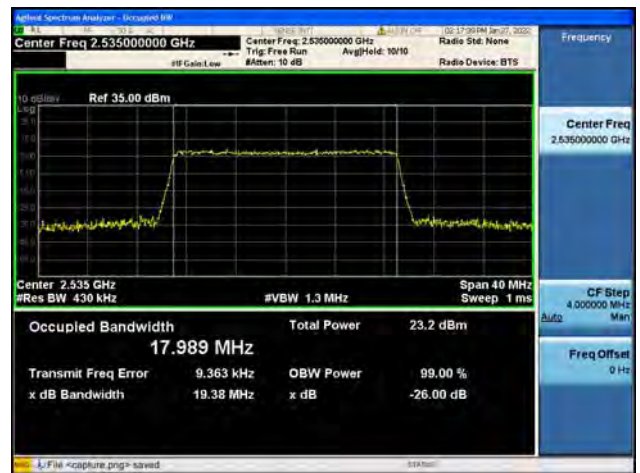
Band7 / 20MHz / Low CH / 16QAM



Band7 / 20MHz / Mid CH / QPSK



Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / High CH / QPSK

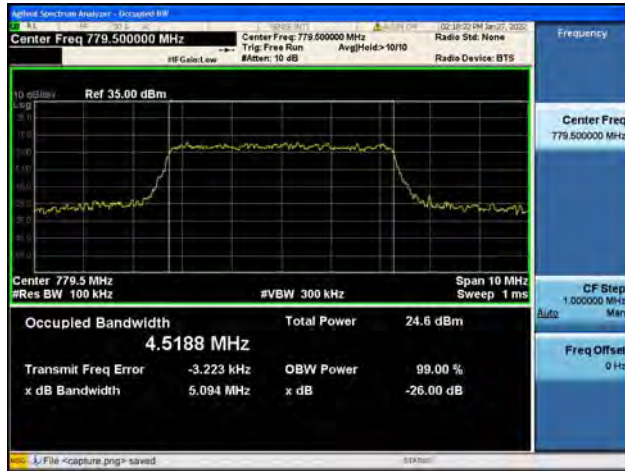


Band7 / 20MHz / High CH / 16QAM





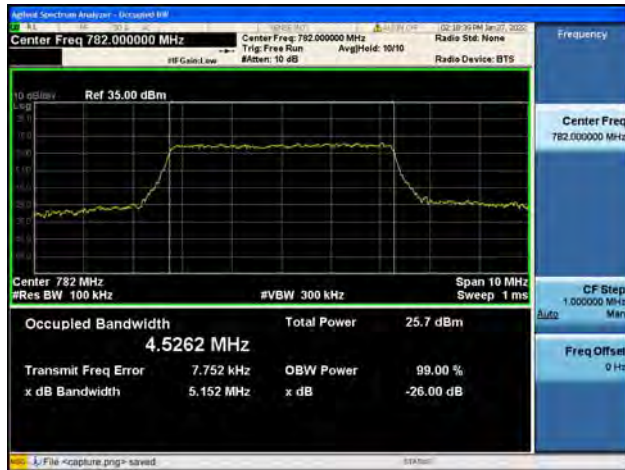
Band13 / 5MHz / Low CH / QPSK



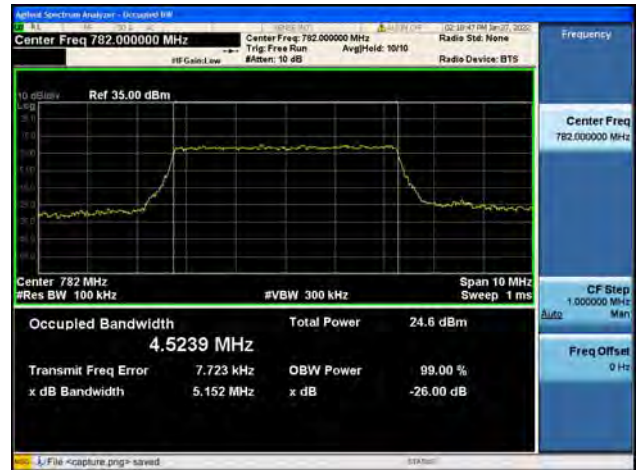
Band13 / 5MHz / Low CH / 16QAM



Band13 / 5MHz / Mid CH / QPSK



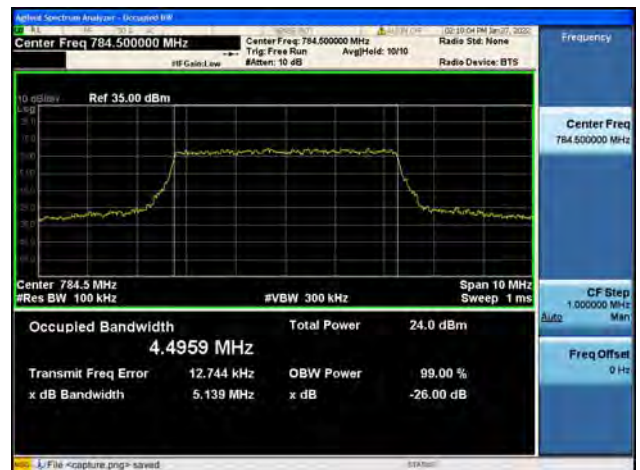
Band13 / 5MHz / Mid CH / 16QAM



Band13 / 5MHz / High CH / QPSK



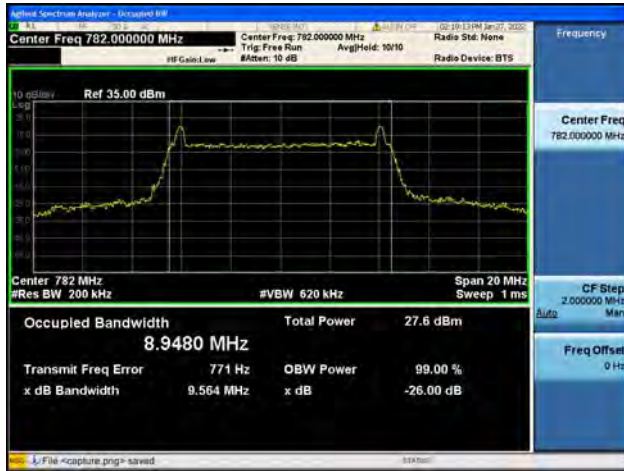
Band13 / 5MHz / High CH / 16QAM



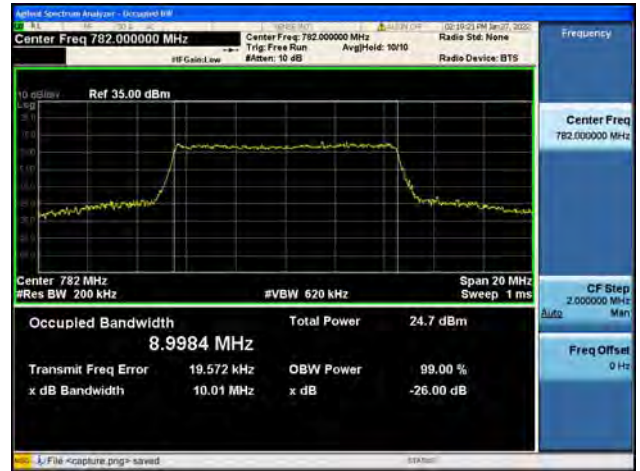




Band13 / 10MHz / Low CH / QPSK



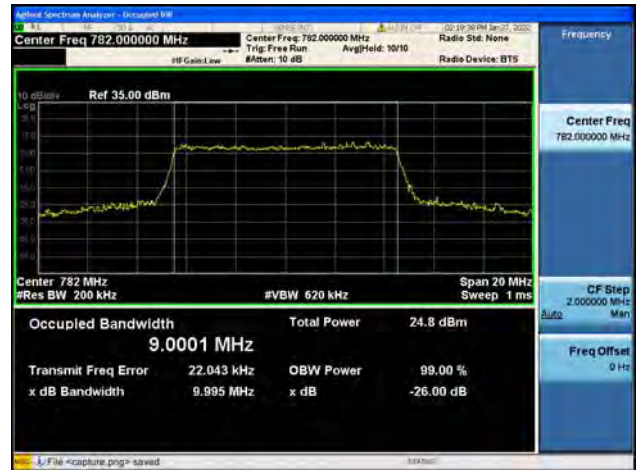
Band13 / 10MHz / Low CH / 16QAM



Band13 / 10MHz / Mid CH / QPSK



Band13 / 10MHz / Mid CH / 16QAM



Band13 / 10MHz / High CH / QPSK

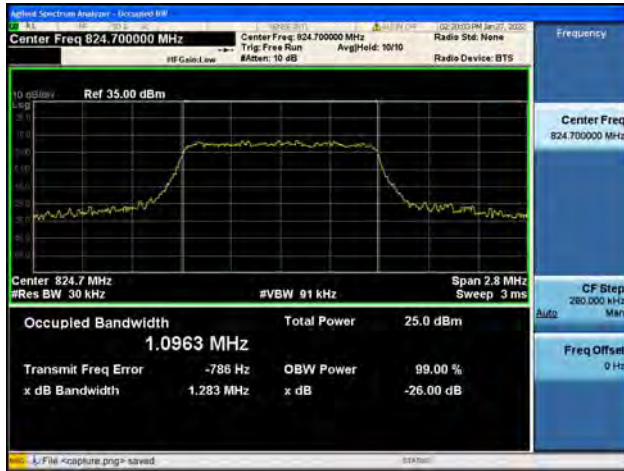


Band13 / 10MHz / High CH / 16QAM

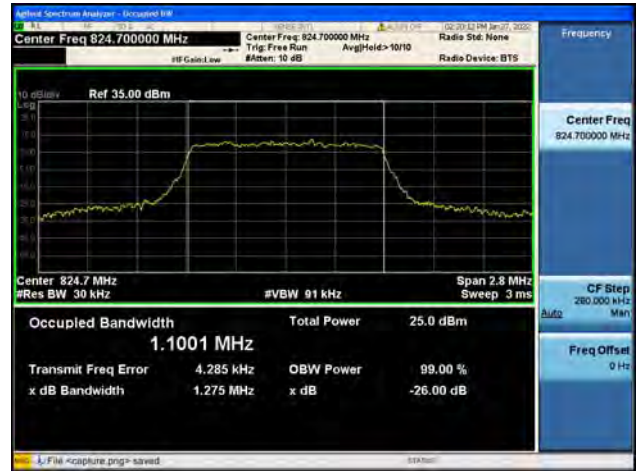




Band26Part22 / 1.4MHz / Low CH / QPSK



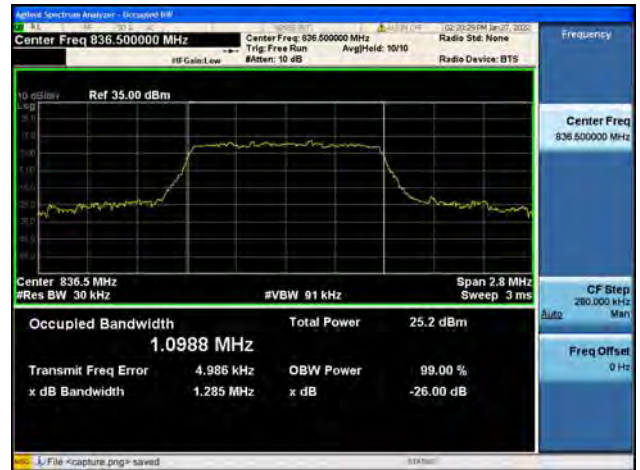
Band26Part22 / 1.4MHz / Low CH / 16QAM



Band26Part22 / 1.4MHz / Mid CH / QPSK



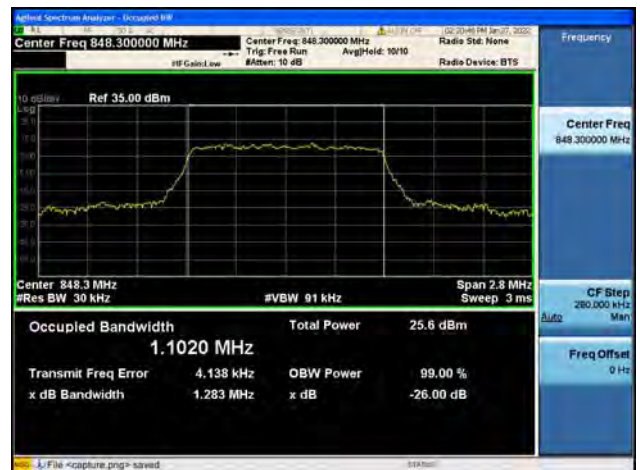
Band26Part22 / 1.4MHz / Mid CH / 16QAM



Band26Part22 / 1.4MHz / High CH / QPSK



Band26Part22 / 1.4MHz / High CH / 16QAM



Band26Part22 / 3MHz / Low CH / QPSK

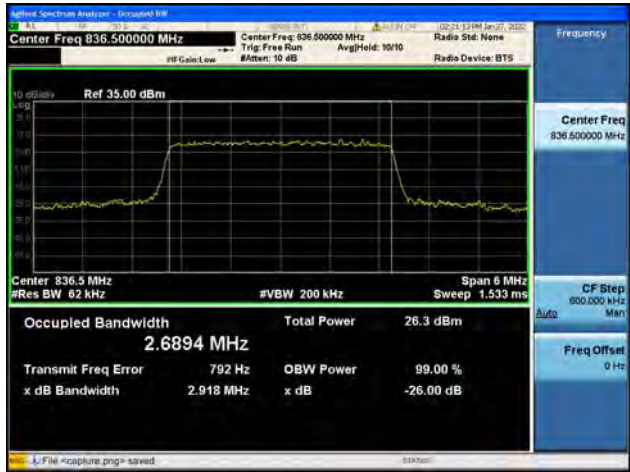
Band26Part22 / 3MHz / Low CH / 16QAM



Band26Part22 / 3MHz / Mid CH / QPSK

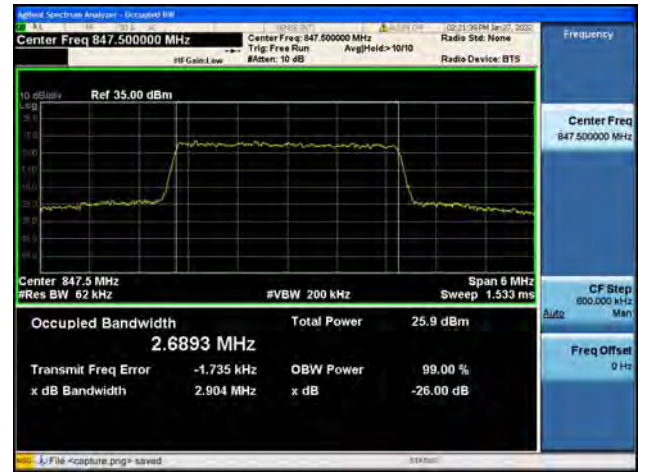


Band26Part22 / 3MHz / Mid CH / 16QAM



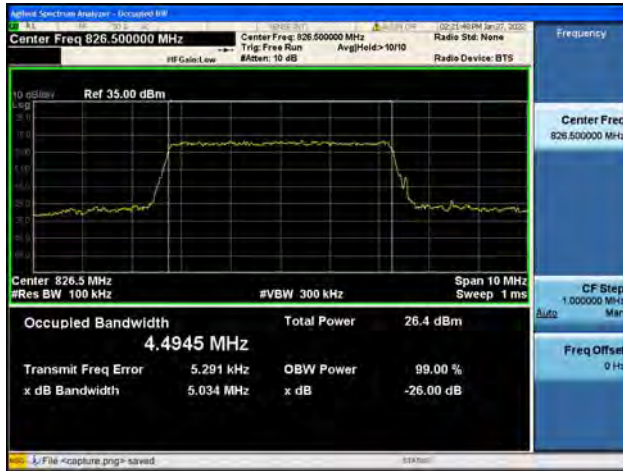
Band26Part22 / 3MHz / High CH / QPSK

Band26Part22 / 3MHz / High CH / 16QAM





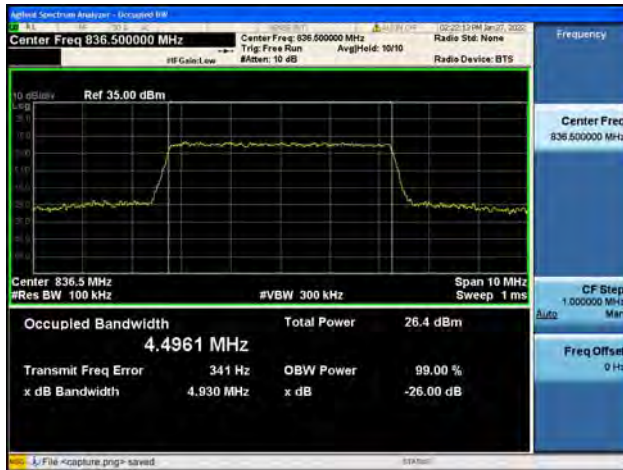
Band26Part22 / 5MHz / Low CH / QPSK



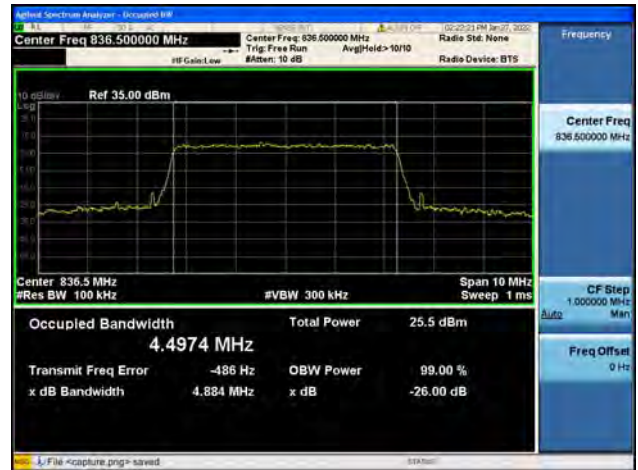
Band26Part22 / 5MHz / Low CH / 16QAM



Band26Part22 / 5MHz / Mid CH / QPSK



Band26Part22 / 5MHz / Mid CH / 16QAM



Band26Part22 / 5MHz / High CH / QPSK



Band26Part22 / 5MHz / High CH / 16QAM

