



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	19.49	0.089	19.52	0.090	19.57	0.091
5	QPSK	1	12	19.61	0.091	19.63	0.092	19.73	0.094
5	QPSK	1	24	19.45	0.088	19.48	0.089	19.59	0.091
5	QPSK	12	0	18.64	0.073	18.66	0.073	18.70	0.074
5	QPSK	12	7	18.75	0.075	18.75	0.075	18.69	0.074
5	QPSK	12	13	18.72	0.074	18.55	0.072	18.65	0.073
5	QPSK	25	0	18.88	0.077	18.85	0.077	18.86	0.077
5	16QAM	1	0	18.87	0.077	19.13	0.082	18.79	0.076
5	16QAM	1	12	18.99	0.079	18.91	0.078	19.05	0.080
5	16QAM	1	24	18.90	0.078	19.12	0.082	18.88	0.077
5	16QAM	12	0	17.72	0.059	17.76	0.060	17.75	0.060
5	16QAM	12	7	17.70	0.059	17.77	0.060	17.81	0.060
5	16QAM	12	13	17.67	0.058	17.59	0.057	17.73	0.059
5	16QAM	25	0	17.74	0.059	17.65	0.058	17.64	0.058
5	64QAM	1	0	17.68	0.059	17.64	0.058	17.76	0.060
5	64QAM	1	12	17.66	0.058	17.65	0.058	17.65	0.058
5	64QAM	1	24	17.76	0.060	17.76	0.060	17.61	0.058
5	64QAM	12	0	17.74	0.059	17.55	0.057	17.73	0.059
5	64QAM	12	7	17.68	0.059	17.69	0.059	17.67	0.058
5	64QAM	12	13	17.74	0.059	17.60	0.058	17.51	0.056
5	64QAM	25	0	17.73	0.059	17.69	0.059	17.66	0.058



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	19.63	0.092	19.68	0.093	19.75	0.094
3	QPSK	1	8	19.72	0.094	19.64	0.092	19.60	0.091
3	QPSK	1	14	19.65	0.092	19.69	0.093	19.60	0.091
3	QPSK	8	0	18.81	0.076	18.65	0.073	18.67	0.074
3	QPSK	8	4	18.86	0.077	18.68	0.074	18.79	0.076
3	QPSK	8	7	18.85	0.077	18.65	0.073	18.71	0.074
3	QPSK	15	0	18.82	0.076	18.74	0.075	18.63	0.073
3	16QAM	1	0	18.94	0.078	18.80	0.076	18.76	0.075
3	16QAM	1	8	18.67	0.074	18.69	0.074	18.77	0.075
3	16QAM	1	14	18.78	0.076	18.79	0.076	18.85	0.077
3	16QAM	8	0	17.81	0.060	17.80	0.060	17.84	0.061
3	16QAM	8	4	17.84	0.061	17.91	0.062	17.81	0.060
3	16QAM	8	7	17.77	0.060	17.70	0.059	17.85	0.061
3	16QAM	15	0	17.73	0.059	17.70	0.059	17.72	0.059
3	64QAM	1	0	17.69	0.059	17.84	0.061	17.67	0.058
3	64QAM	1	8	17.87	0.061	17.79	0.060	17.60	0.058
3	64QAM	1	14	17.78	0.060	17.67	0.058	17.59	0.057
3	64QAM	8	0	17.85	0.061	17.80	0.060	17.72	0.059
3	64QAM	8	4	17.85	0.061	17.76	0.060	17.66	0.058
3	64QAM	8	7	18.00	0.063	17.99	0.063	17.73	0.059
3	64QAM	15	0	17.71	0.059	17.75	0.060	17.73	0.059



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	19.65	0.092	19.58	0.091	19.54	0.090
1.4	QPSK	1	3	19.56	0.090	19.69	0.093	19.62	0.092
1.4	QPSK	1	5	19.64	0.092	19.53	0.090	19.54	0.090
1.4	QPSK	3	0	19.72	0.094	19.74	0.094	19.58	0.091
1.4	QPSK	3	1	19.63	0.092	19.75	0.094	19.68	0.093
1.4	QPSK	3	3	19.70	0.093	19.68	0.093	19.62	0.092
1.4	QPSK	6	0	18.85	0.077	18.75	0.075	18.74	0.075
1.4	16QAM	1	0	18.89	0.077	18.82	0.076	18.79	0.076
1.4	16QAM	1	3	19.06	0.081	18.94	0.078	18.91	0.078
1.4	16QAM	1	5	18.95	0.079	18.73	0.075	18.75	0.075
1.4	16QAM	3	0	18.87	0.077	18.82	0.076	18.76	0.075
1.4	16QAM	3	1	18.76	0.075	18.70	0.074	18.90	0.078
1.4	16QAM	3	3	18.87	0.077	18.81	0.076	18.84	0.077
1.4	16QAM	6	0	17.93	0.062	17.82	0.061	17.85	0.061
1.4	64QAM	1	0	17.85	0.061	17.81	0.060	17.53	0.057
1.4	64QAM	1	3	17.99	0.063	17.98	0.063	17.55	0.057
1.4	64QAM	1	5	17.72	0.059	17.76	0.060	17.50	0.056
1.4	64QAM	3	0	17.78	0.060	17.61	0.058	17.46	0.056
1.4	64QAM	3	1	17.78	0.060	17.54	0.057	17.65	0.058
1.4	64QAM	3	3	17.84	0.061	17.62	0.058	17.46	0.056
1.4	64QAM	6	0	19.65	0.092	19.58	0.091	19.54	0.090



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	17.74	0.059	17.74	0.059	17.67	0.058
10	QPSK	1	25	17.81	0.060	17.80	0.060	17.78	0.060
10	QPSK	1	49	17.66	0.058	17.70	0.059	17.55	0.057
10	QPSK	25	0	16.84	0.048	16.73	0.047	16.76	0.047
10	QPSK	25	12	16.83	0.048	16.74	0.047	16.75	0.047
10	QPSK	25	25	16.78	0.048	16.75	0.047	16.73	0.047
10	QPSK	50	0	16.69	0.047	16.74	0.047	16.75	0.047
10	16QAM	1	0	16.77	0.048	16.89	0.049	16.94	0.049
10	16QAM	1	25	16.79	0.048	16.74	0.047	16.79	0.048
10	16QAM	1	49	16.71	0.047	16.78	0.048	16.72	0.047
10	16QAM	25	0	15.73	0.037	15.81	0.038	15.75	0.038
10	16QAM	25	12	15.74	0.037	15.78	0.038	15.76	0.038
10	16QAM	25	25	15.79	0.038	15.86	0.039	15.86	0.039
10	16QAM	50	0	15.76	0.038	15.94	0.039	15.93	0.039
10	64QAM	1	0	15.58	0.036	15.64	0.037	15.38	0.035
10	64QAM	1	25	15.48	0.035	15.58	0.036	15.67	0.037
10	64QAM	1	49	15.38	0.035	15.63	0.037	15.54	0.036
10	64QAM	25	0	15.82	0.038	15.64	0.037	15.72	0.037
10	64QAM	25	12	15.94	0.039	15.79	0.038	15.78	0.038
10	64QAM	25	25	15.82	0.038	15.77	0.038	15.78	0.038
10	64QAM	50	0	15.73	0.037	15.84	0.038	15.81	0.038



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	17.51	0.056	17.56	0.057	17.58	0.057
5	QPSK	1	12	17.73	0.059	17.58	0.057	17.77	0.060
5	QPSK	1	24	17.66	0.058	17.49	0.056	17.61	0.058
5	QPSK	12	0	16.69	0.047	16.72	0.047	16.70	0.047
5	QPSK	12	7	16.73	0.047	16.82	0.048	16.75	0.047
5	QPSK	12	13	16.72	0.047	16.75	0.047	16.64	0.046
5	QPSK	25	0	16.63	0.046	16.67	0.046	16.72	0.047
5	16QAM	1	0	16.73	0.047	16.70	0.047	16.67	0.046
5	16QAM	1	12	16.63	0.046	16.68	0.047	16.64	0.046
5	16QAM	1	24	16.46	0.044	16.76	0.047	16.95	0.050
5	16QAM	12	0	15.78	0.038	15.75	0.038	15.77	0.038
5	16QAM	12	7	15.74	0.037	15.86	0.039	15.76	0.038
5	16QAM	12	13	15.79	0.038	15.76	0.038	15.69	0.037
5	16QAM	25	0	15.68	0.037	15.89	0.039	15.75	0.038
5	64QAM	1	0	15.77	0.038	15.68	0.037	15.47	0.035
5	64QAM	1	12	15.83	0.038	15.69	0.037	15.66	0.037
5	64QAM	1	24	15.67	0.037	15.80	0.038	15.67	0.037
5	64QAM	12	0	15.61	0.036	15.81	0.038	15.73	0.037
5	64QAM	12	7	15.66	0.037	15.83	0.038	15.78	0.038
5	64QAM	12	13	15.77	0.038	15.73	0.037	15.82	0.038
5	64QAM	25	0	15.90	0.039	15.85	0.038	15.75	0.038



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	17.83	0.061	17.74	0.059	17.65	0.058
3	QPSK	1	8	17.78	0.060	17.74	0.059	17.67	0.058
3	QPSK	1	14	17.75	0.060	17.77	0.060	17.64	0.058
3	QPSK	8	0	16.76	0.047	16.72	0.047	16.81	0.048
3	QPSK	8	4	16.82	0.048	16.81	0.048	16.80	0.048
3	QPSK	8	7	16.76	0.047	16.73	0.047	16.71	0.047
3	QPSK	15	0	16.84	0.048	16.80	0.048	16.68	0.047
3	16QAM	1	0	17.02	0.050	16.75	0.047	16.79	0.048
3	16QAM	1	8	17.05	0.051	16.78	0.048	16.80	0.048
3	16QAM	1	14	17.02	0.050	16.73	0.047	16.85	0.048
3	16QAM	8	0	15.86	0.039	15.83	0.038	15.95	0.039
3	16QAM	8	4	15.97	0.040	15.90	0.039	15.74	0.037
3	16QAM	8	7	16.00	0.040	15.78	0.038	15.94	0.039
3	16QAM	15	0	15.80	0.038	15.78	0.038	15.83	0.038
3	64QAM	1	0	15.72	0.037	15.73	0.037	15.75	0.038
3	64QAM	1	8	15.84	0.038	15.78	0.038	15.82	0.038
3	64QAM	1	14	15.80	0.038	15.71	0.037	15.52	0.036
3	64QAM	8	0	15.77	0.038	15.75	0.038	15.74	0.037
3	64QAM	8	4	15.88	0.039	15.88	0.039	15.94	0.039
3	64QAM	8	7	15.81	0.038	15.80	0.038	15.81	0.038
3	64QAM	15	0	15.78	0.038	15.74	0.037	15.77	0.038



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	17.54	0.057	17.53	0.057	17.49	0.056
1.4	QPSK	1	3	17.73	0.059	17.62	0.058	17.63	0.058
1.4	QPSK	1	5	17.63	0.058	17.61	0.058	17.48	0.056
1.4	QPSK	3	0	17.67	0.058	17.70	0.059	17.64	0.058
1.4	QPSK	3	1	17.78	0.060	17.64	0.058	17.76	0.060
1.4	QPSK	3	3	17.80	0.060	17.71	0.059	17.61	0.058
1.4	QPSK	6	0	16.67	0.046	16.73	0.047	16.66	0.046
1.4	16QAM	1	0	16.64	0.046	16.37	0.043	16.63	0.046
1.4	16QAM	1	3	16.74	0.047	16.74	0.047	16.74	0.047
1.4	16QAM	1	5	16.54	0.045	16.63	0.046	16.73	0.047
1.4	16QAM	3	0	16.48	0.044	16.32	0.043	16.60	0.046
1.4	16QAM	3	1	16.63	0.046	16.73	0.047	16.73	0.047
1.4	16QAM	3	3	16.69	0.047	16.77	0.048	16.61	0.046
1.4	16QAM	6	0	15.88	0.039	16.00	0.040	15.95	0.039
1.4	64QAM	1	0	15.48	0.035	15.91	0.039	15.78	0.038
1.4	64QAM	1	3	15.58	0.036	15.96	0.039	15.52	0.036
1.4	64QAM	1	5	15.50	0.035	15.86	0.039	15.78	0.038
1.4	64QAM	3	0	15.44	0.035	15.55	0.036	15.46	0.035
1.4	64QAM	3	1	15.47	0.035	15.47	0.035	15.46	0.035
1.4	64QAM	3	3	15.36	0.034	15.45	0.035	15.39	0.035
1.4	64QAM	6	0	15.74	0.037	15.70	0.037	15.72	0.037



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	19.14	0.082	19.16	0.082	19.25	0.084
20	QPSK	1	49	19.45	0.088	19.61	0.091	19.61	0.091
20	QPSK	1	99	19.25	0.084	19.31	0.085	19.31	0.085
20	QPSK	50	0	18.46	0.070	18.53	0.071	18.67	0.074
20	QPSK	50	24	18.50	0.071	18.58	0.072	18.61	0.073
20	QPSK	50	50	18.60	0.072	18.71	0.074	18.66	0.073
20	QPSK	100	0	18.50	0.071	18.62	0.073	18.65	0.073
20	16QAM	1	0	18.43	0.070	18.56	0.072	18.57	0.072
20	16QAM	1	49	19.19	0.083	19.01	0.080	19.02	0.080
20	16QAM	1	99	18.81	0.076	19.01	0.080	18.45	0.070
20	16QAM	50	0	17.56	0.057	17.51	0.056	17.80	0.060
20	16QAM	50	24	17.53	0.057	17.67	0.058	17.66	0.058
20	16QAM	50	50	17.61	0.058	17.70	0.059	17.73	0.059
20	16QAM	100	0	17.61	0.058	17.62	0.058	17.70	0.059
20	64QAM	1	0	18.11	0.065	18.14	0.065	18.33	0.068
20	64QAM	1	49	18.76	0.075	18.85	0.077	18.57	0.072
20	64QAM	1	99	18.52	0.071	18.52	0.071	18.46	0.070
20	64QAM	50	0	17.51	0.056	17.60	0.058	17.67	0.058
20	64QAM	50	24	17.48	0.056	17.72	0.059	17.70	0.059
20	64QAM	50	50	17.60	0.058	17.78	0.060	17.62	0.058
20	64QAM	100	0	17.57	0.057	17.71	0.059	17.64	0.058



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	16.82	0.048	16.18	0.041	15.72	0.037
15	QPSK	1	37	16.97	0.050	16.30	0.043	16.01	0.040
15	QPSK	1	74	16.40	0.044	16.06	0.040	15.82	0.038
15	QPSK	36	0	15.59	0.036	15.30	0.034	15.11	0.032
15	QPSK	36	20	15.73	0.037	15.33	0.034	15.04	0.032
15	QPSK	36	39	15.58	0.036	15.34	0.034	14.96	0.031
15	QPSK	75	0	15.61	0.036	15.26	0.034	15.11	0.032
15	16QAM	1	0	16.37	0.043	15.53	0.036	15.48	0.035
15	16QAM	1	37	16.18	0.041	16.05	0.040	15.38	0.035
15	16QAM	1	74	15.70	0.037	15.04	0.032	15.03	0.032
15	16QAM	36	0	14.56	0.029	14.27	0.027	14.04	0.025
15	16QAM	36	20	14.67	0.029	14.27	0.027	14.00	0.025
15	16QAM	36	39	14.71	0.030	14.44	0.028	13.91	0.025
15	16QAM	75	0	14.69	0.029	14.35	0.027	14.13	0.026
15	64QAM	1	0	15.89	0.039	15.52	0.036	15.15	0.033
15	64QAM	1	37	15.84	0.038	15.43	0.035	15.16	0.033
15	64QAM	1	74	15.95	0.039	15.94	0.039	14.99	0.032
15	64QAM	36	0	14.66	0.029	14.26	0.027	14.15	0.026
15	64QAM	36	20	14.65	0.029	14.21	0.026	14.02	0.025
15	64QAM	36	39	14.67	0.029	14.35	0.027	13.96	0.025
15	64QAM	75	0	14.67	0.029	14.52	0.028	14.20	0.026



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	16.67	0.046	16.04	0.040	15.74	0.037
10	QPSK	1	25	16.73	0.047	16.37	0.043	15.90	0.039
10	QPSK	1	49	16.51	0.045	16.10	0.041	15.77	0.038
10	QPSK	25	0	15.49	0.035	15.28	0.034	15.10	0.032
10	QPSK	25	12	15.76	0.038	15.18	0.033	14.95	0.031
10	QPSK	25	25	15.80	0.038	15.24	0.033	15.01	0.032
10	QPSK	50	0	15.67	0.037	15.15	0.033	15.01	0.032
10	16QAM	1	0	16.03	0.040	15.37	0.034	14.92	0.031
10	16QAM	1	25	15.98	0.040	15.93	0.039	15.64	0.037
10	16QAM	1	49	15.63	0.037	15.41	0.035	15.13	0.033
10	16QAM	25	0	14.56	0.029	14.25	0.027	14.07	0.026
10	16QAM	25	12	14.68	0.029	14.27	0.027	13.95	0.025
10	16QAM	25	25	14.72	0.030	14.34	0.027	14.03	0.025
10	16QAM	50	0	14.63	0.029	14.40	0.028	14.05	0.025
10	64QAM	1	0	16.23	0.042	15.14	0.033	14.80	0.030
10	64QAM	1	25	15.80	0.038	15.67	0.037	15.31	0.034
10	64QAM	1	49	15.71	0.037	15.70	0.037	14.81	0.030
10	64QAM	25	0	14.52	0.028	14.23	0.026	13.98	0.025
10	64QAM	25	12	14.81	0.030	14.26	0.027	13.87	0.024
10	64QAM	25	25	14.89	0.031	14.31	0.027	13.86	0.024
10	64QAM	50	0	14.61	0.029	14.27	0.027	14.09	0.026



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	19.39	0.087	19.39	0.087	19.64	0.092
5	QPSK	1	12	19.59	0.091	19.76	0.095	19.70	0.093
5	QPSK	1	24	19.21	0.083	19.37	0.086	19.38	0.087
5	QPSK	12	0	18.41	0.069	18.55	0.072	18.69	0.074
5	QPSK	12	7	18.52	0.071	18.70	0.074	18.75	0.075
5	QPSK	12	13	18.55	0.072	18.56	0.072	18.65	0.073
5	QPSK	25	0	18.49	0.071	18.60	0.072	18.68	0.074
5	16QAM	1	0	18.98	0.079	19.05	0.080	19.22	0.084
5	16QAM	1	12	19.24	0.084	19.04	0.080	19.58	0.091
5	16QAM	1	24	18.65	0.073	18.70	0.074	19.24	0.084
5	16QAM	12	0	17.43	0.055	17.61	0.058	17.70	0.059
5	16QAM	12	7	17.59	0.057	17.78	0.060	17.69	0.059
5	16QAM	12	13	17.63	0.058	17.62	0.058	17.66	0.058
5	16QAM	25	0	17.53	0.057	17.62	0.058	17.65	0.058
5	64QAM	1	0	18.56	0.072	18.34	0.068	18.76	0.075
5	64QAM	1	12	18.48	0.070	18.99	0.079	18.89	0.077
5	64QAM	1	24	18.51	0.071	18.71	0.074	18.73	0.075
5	64QAM	12	0	17.58	0.057	17.66	0.058	17.74	0.059
5	64QAM	12	7	17.53	0.057	17.60	0.058	17.75	0.060
5	64QAM	12	13	17.42	0.055	17.56	0.057	17.75	0.060
5	64QAM	25	0	17.53	0.057	17.66	0.058	17.66	0.058



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	13.31	0.021	13.32	0.021	13.27	0.021
10	QPSK	1	25	13.48	0.022	13.43	0.022	13.53	0.023
10	QPSK	1	49	13.31	0.021	13.28	0.021	13.39	0.022
10	QPSK	25	0	12.34	0.017	12.30	0.017	12.46	0.018
10	QPSK	25	12	12.43	0.017	12.31	0.017	12.40	0.017
10	QPSK	25	25	12.42	0.017	12.31	0.017	12.42	0.017
10	QPSK	50	0	12.38	0.017	12.33	0.017	12.34	0.017
10	16QAM	1	0	12.41	0.017	12.75	0.019	12.76	0.019
10	16QAM	1	25	12.58	0.018	12.53	0.018	12.67	0.018
10	16QAM	1	49	12.45	0.018	12.77	0.019	12.52	0.018
10	16QAM	25	0	11.42	0.014	11.35	0.014	11.48	0.014
10	16QAM	25	12	11.48	0.014	11.34	0.014	11.42	0.014
10	16QAM	25	25	11.31	0.014	11.38	0.014	11.43	0.014
10	16QAM	50	0	11.41	0.014	11.32	0.014	11.37	0.014
10	64QAM	1	0	11.38	0.014	11.42	0.014	11.35	0.014
10	64QAM	1	25	11.40	0.014	11.26	0.013	11.27	0.013
10	64QAM	1	49	11.27	0.013	11.27	0.013	11.36	0.014
10	64QAM	25	0	11.40	0.014	11.26	0.013	11.44	0.014
10	64QAM	25	12	11.37	0.014	11.39	0.014	11.27	0.013
10	64QAM	25	25	11.36	0.014	11.44	0.014	11.36	0.014
10	64QAM	50	0	11.32	0.014	11.32	0.014	11.33	0.014



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	13.04	0.020	13.08	0.020	13.04	0.020
5	QPSK	1	12	13.18	0.021	13.23	0.021	13.30	0.021
5	QPSK	1	24	13.09	0.020	13.09	0.020	12.99	0.020
5	QPSK	12	0	12.13	0.016	12.06	0.016	12.10	0.016
5	QPSK	12	7	12.17	0.016	12.20	0.017	12.09	0.016
5	QPSK	12	13	12.18	0.017	12.11	0.016	12.21	0.017
5	QPSK	25	0	12.20	0.017	12.14	0.016	12.16	0.016
5	16QAM	1	0	12.27	0.017	12.22	0.017	12.47	0.018
5	16QAM	1	12	12.34	0.017	12.24	0.017	12.24	0.017
5	16QAM	1	24	12.50	0.018	12.45	0.018	12.21	0.017
5	16QAM	12	0	11.18	0.013	11.13	0.013	11.05	0.013
5	16QAM	12	7	11.09	0.013	11.11	0.013	11.15	0.013
5	16QAM	12	13	11.16	0.013	11.06	0.013	11.07	0.013
5	16QAM	25	0	11.21	0.013	11.11	0.013	11.02	0.013
5	64QAM	1	0	11.10	0.013	11.06	0.013	11.06	0.013
5	64QAM	1	12	11.00	0.013	11.17	0.013	11.00	0.013
5	64QAM	1	24	11.16	0.013	11.06	0.013	11.19	0.013
5	64QAM	12	0	11.05	0.013	11.04	0.013	11.10	0.013
5	64QAM	12	7	11.13	0.013	11.16	0.013	11.18	0.013
5	64QAM	12	13	11.06	0.013	11.09	0.013	11.18	0.013
5	64QAM	25	0	11.13	0.013	11.01	0.013	11.11	0.013



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	13.11	0.020	12.95	0.020	13.02	0.020
3	QPSK	1	8	13.06	0.020	13.01	0.020	13.01	0.020
3	QPSK	1	14	13.14	0.021	13.10	0.020	13.02	0.020
3	QPSK	8	0	12.09	0.016	12.12	0.016	12.13	0.016
3	QPSK	8	4	12.20	0.017	12.18	0.017	12.11	0.016
3	QPSK	8	7	12.09	0.016	12.11	0.016	12.05	0.016
3	QPSK	15	0	12.06	0.016	12.05	0.016	12.06	0.016
3	16QAM	1	0	12.38	0.017	12.62	0.018	12.15	0.016
3	16QAM	1	8	12.60	0.018	12.54	0.018	12.14	0.016
3	16QAM	1	14	12.62	0.018	12.28	0.017	12.24	0.017
3	16QAM	8	0	11.12	0.013	11.11	0.013	11.15	0.013
3	16QAM	8	4	11.19	0.013	11.17	0.013	11.20	0.013
3	16QAM	8	7	11.20	0.013	11.11	0.013	11.32	0.014
3	16QAM	15	0	11.15	0.013	11.15	0.013	11.06	0.013
3	64QAM	1	0	11.21	0.013	11.01	0.013	11.15	0.013
3	64QAM	1	8	11.12	0.013	11.16	0.013	11.02	0.013
3	64QAM	1	14	11.11	0.013	11.13	0.013	11.13	0.013
3	64QAM	8	0	10.94	0.012	11.05	0.013	11.02	0.013
3	64QAM	8	4	11.06	0.013	11.02	0.013	11.18	0.013
3	64QAM	8	7	10.92	0.012	11.10	0.013	11.13	0.013
3	64QAM	15	0	11.05	0.013	11.02	0.013	10.97	0.013



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	13.02	0.020	13.10	0.020	13.01	0.020
1.4	QPSK	1	3	13.11	0.020	13.08	0.020	13.28	0.021
1.4	QPSK	1	5	12.98	0.020	13.03	0.020	13.07	0.020
1.4	QPSK	3	0	13.21	0.021	13.19	0.021	13.15	0.021
1.4	QPSK	3	1	13.17	0.021	13.25	0.021	13.14	0.021
1.4	QPSK	3	3	13.18	0.021	13.08	0.020	13.07	0.020
1.4	QPSK	6	0	12.15	0.016	12.10	0.016	12.13	0.016
1.4	16QAM	1	0	12.13	0.016	12.47	0.018	12.37	0.017
1.4	16QAM	1	3	12.24	0.017	12.34	0.017	12.23	0.017
1.4	16QAM	1	5	12.04	0.016	12.49	0.018	12.40	0.017
1.4	16QAM	3	0	11.92	0.016	11.99	0.016	12.09	0.016
1.4	16QAM	3	1	12.04	0.016	12.00	0.016	12.23	0.017
1.4	16QAM	3	3	12.01	0.016	12.14	0.016	12.07	0.016
1.4	16QAM	6	0	11.22	0.013	11.23	0.013	11.26	0.013
1.4	64QAM	1	0	11.13	0.013	10.99	0.013	11.25	0.013
1.4	64QAM	1	3	10.94	0.012	11.12	0.013	11.20	0.013
1.4	64QAM	1	5	10.84	0.012	11.02	0.013	11.04	0.013
1.4	64QAM	3	0	11.08	0.013	11.04	0.013	10.90	0.012
1.4	64QAM	3	1	11.11	0.013	11.12	0.013	11.34	0.014
1.4	64QAM	3	3	11.02	0.013	11.12	0.013	10.94	0.012
1.4	64QAM	6	0	11.32	0.014	11.11	0.013	11.10	0.013



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	13.19	0.021	13.36	0.022	13.29	0.021
10	QPSK	1	25	13.26	0.021	13.29	0.021	13.37	0.022
10	QPSK	1	49	13.10	0.020	13.34	0.022	13.13	0.021
10	QPSK	25	0	12.48	0.018	12.59	0.018	12.62	0.018
10	QPSK	25	12	12.52	0.018	12.58	0.018	12.50	0.018
10	QPSK	25	25	12.55	0.018	12.50	0.018	12.53	0.018
10	QPSK	50	0	12.48	0.018	12.54	0.018	12.40	0.017
10	16QAM	1	0	12.30	0.017	12.42	0.017	12.50	0.018
10	16QAM	1	25	12.40	0.017	12.25	0.017	12.31	0.017
10	16QAM	1	49	12.41	0.017	12.50	0.018	12.36	0.017
10	16QAM	25	0	11.61	0.014	11.64	0.015	11.49	0.014
10	16QAM	25	12	11.46	0.014	11.64	0.015	11.47	0.014
10	16QAM	25	25	11.50	0.014	11.52	0.014	11.46	0.014
10	16QAM	50	0	11.52	0.014	11.51	0.014	11.53	0.014
10	64QAM	1	0	11.43	0.014	11.50	0.014	11.23	0.013
10	64QAM	1	25	11.30	0.013	11.30	0.013	11.28	0.013
10	64QAM	1	49	11.23	0.013	11.10	0.013	11.23	0.013
10	64QAM	25	0	11.30	0.013	11.24	0.013	11.30	0.013
10	64QAM	25	12	11.58	0.014	11.46	0.014	11.52	0.014
10	64QAM	25	25	11.47	0.014	11.57	0.014	11.53	0.014
10	64QAM	50	0	11.44	0.014	11.52	0.014	11.56	0.014



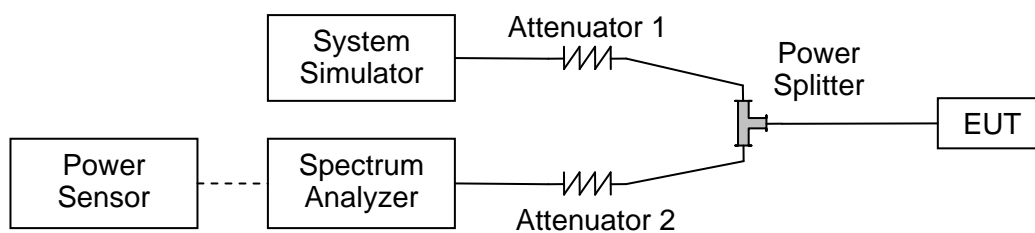
LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	13.16	0.021	13.07	0.020	13.13	0.021
5	QPSK	1	12	13.16	0.021	13.13	0.021	13.19	0.021
5	QPSK	1	24	13.04	0.020	13.13	0.021	13.14	0.021
5	QPSK	12	0	12.44	0.018	12.45	0.018	12.38	0.017
5	QPSK	12	7	12.54	0.018	12.46	0.018	12.48	0.018
5	QPSK	12	13	12.34	0.017	12.44	0.018	12.46	0.018
5	QPSK	25	0	12.47	0.018	12.50	0.018	12.45	0.018
5	16QAM	1	0	12.44	0.018	12.39	0.017	12.71	0.019
5	16QAM	1	12	12.78	0.019	12.43	0.017	12.54	0.018
5	16QAM	1	24	12.51	0.018	12.41	0.017	12.34	0.017
5	16QAM	12	0	11.35	0.014	11.29	0.013	11.45	0.014
5	16QAM	12	7	11.41	0.014	11.44	0.014	11.51	0.014
5	16QAM	12	13	11.50	0.014	11.38	0.014	11.44	0.014
5	16QAM	25	0	11.44	0.014	11.44	0.014	11.52	0.014
5	64QAM	1	0	11.22	0.013	11.30	0.013	11.43	0.014
5	64QAM	1	12	11.21	0.013	11.54	0.014	11.54	0.014
5	64QAM	1	24	11.40	0.014	11.58	0.014	11.48	0.014
5	64QAM	12	0	11.42	0.014	11.45	0.014	11.41	0.014
5	64QAM	12	7	11.57	0.014	11.45	0.014	11.39	0.014
5	64QAM	12	13	11.36	0.014	11.28	0.013	11.32	0.014
5	64QAM	25	0	11.35	0.014	11.35	0.014	11.40	0.014

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	1.31
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.29
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.09	1.29
	High	QPSK	1.09	1.26
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.92
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.93
5	Low	QPSK	4.49	4.91
	Low	16QAM	4.50	4.92
	Low	64QAM	4.49	4.91
	Mid	QPSK	4.48	4.93
	Mid	16QAM	4.50	4.90
	Mid	64QAM	4.49	4.89
	High	QPSK	4.49	4.95
	High	16QAM	4.49	4.89
	High	64QAM	4.49	4.92
10	Low	QPSK	8.99	9.74
	Low	16QAM	8.96	9.69
	Low	64QAM	8.98	9.74
	Mid	QPSK	8.98	9.71
	Mid	16QAM	8.96	9.73
	Mid	64QAM	8.99	9.76
	High	QPSK	9.01	9.73
	High	16QAM	8.96	9.68
	High	64QAM	8.97	9.70



15	Low	QPSK	13.43	14.58
	Low	16QAM	13.46	14.47
	Low	64QAM	13.47	14.61
	Mid	QPSK	13.46	14.59
	Mid	16QAM	13.45	14.61
	Mid	64QAM	13.44	14.65
	High	QPSK	13.48	14.61
	High	16QAM	13.44	14.62
	High	64QAM	13.45	14.55
20	Low	QPSK	17.97	19.37
	Low	16QAM	17.99	19.43
	Low	64QAM	17.98	19.5
	Mid	QPSK	17.93	19.33
	Mid	16QAM	17.95	19.36
	Mid	64QAM	17.91	19.23
	High	QPSK	17.95	19.29
	High	16QAM	17.96	19.38
	High	64QAM	17.96	19.49



LTE Band 4				
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
	Low	64QAM	1.10	1.27
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.29
	High	64QAM	1.09	1.29
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.94
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.94
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.92
5	Low	QPSK	4.49	4.91
	Low	16QAM	4.50	4.91
	Low	64QAM	4.49	4.93
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.50	4.92
	Mid	64QAM	4.50	4.89
	High	QPSK	4.49	4.93
	High	16QAM	4.49	4.92
	High	64QAM	4.49	4.90
10	Low	QPSK	9.00	9.72
	Low	16QAM	8.97	9.72
	Low	64QAM	8.97	9.75
	Mid	QPSK	9.01	9.68
	Mid	16QAM	8.95	9.68
	Mid	64QAM	8.95	9.73
	High	QPSK	8.99	9.71
	High	16QAM	8.96	9.66
	High	64QAM	8.98	9.71



15	Low	QPSK	13.49	14.53
	Low	16QAM	13.45	14.55
	Low	64QAM	13.46	14.63
	Mid	QPSK	13.46	14.48
	Mid	16QAM	13.45	14.61
	Mid	64QAM	13.44	14.54
	High	QPSK	13.48	14.65
	High	16QAM	13.46	14.57
	High	64QAM	13.44	14.53
20	Low	QPSK	17.96	19.38
	Low	16QAM	17.97	19.39
	Low	64QAM	17.96	19.42
	Mid	QPSK	17.92	19.29
	Mid	16QAM	17.99	19.37
	Mid	64QAM	17.94	19.38
	High	QPSK	17.99	19.42
	High	16QAM	17.99	19.38
	High	64QAM	17.96	19.43



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	1.28
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.09	1.28
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.70	3.15
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.96
5	Low	QPSK	4.50	4.91
	Low	16QAM	4.49	4.91
	Low	64QAM	4.49	4.92
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.50	4.91
	High	QPSK	4.49	4.92
	High	16QAM	4.50	4.92
	High	64QAM	4.49	4.91
10	Low	QPSK	8.99	9.74
	Low	16QAM	8.96	9.71
	Low	64QAM	8.97	9.72
	Mid	QPSK	8.99	9.74
	Mid	16QAM	8.97	9.71
	Mid	64QAM	8.97	9.79
	High	QPSK	8.99	9.75
	High	16QAM	8.97	9.71
	High	64QAM	8.98	9.75



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.19
	Low	16QAM	4.50	4.91
	Low	64QAM	4.49	4.91
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.50	4.92
	Mid	64QAM	4.49	4.99
	High	QPSK	4.50	4.95
	High	16QAM	4.51	4.91
	High	64QAM	4.50	4.90
10	Low	QPSK	9.01	9.96
	Low	16QAM	8.97	9.66
	Low	64QAM	8.99	9.74
	Mid	QPSK	8.99	9.78
	Mid	16QAM	8.97	10.05
	Mid	64QAM	9.00	9.74
	High	QPSK	9.00	9.79
	High	16QAM	8.97	9.71
	High	64QAM	8.99	9.78
15	Low	QPSK	13.50	16.28
	Low	16QAM	13.49	15.76
	Low	64QAM	13.48	14.75
	Mid	QPSK	13.50	15.22
	Mid	16QAM	13.49	14.68
	Mid	64QAM	13.48	14.62
	High	QPSK	13.50	14.54
	High	16QAM	13.47	14.64
	High	64QAM	13.47	14.56
20	Low	QPSK	17.93	19.26
	Low	16QAM	17.96	19.40
	Low	64QAM	17.94	19.33
	Mid	QPSK	17.96	19.41
	Mid	16QAM	18.00	19.39
	Mid	64QAM	17.97	19.28
	High	QPSK	17.94	19.46
	High	16QAM	17.97	19.39
	High	64QAM	17.97	19.42



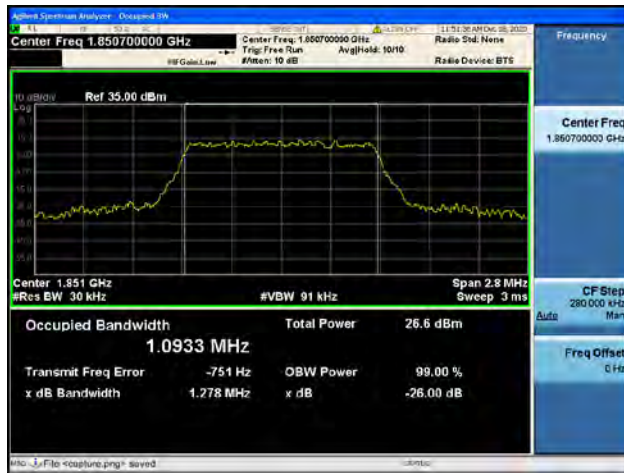
LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.30
	Low	64QAM	1.09	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.29
	High	QPSK	1.09	1.29
	High	16QAM	1.10	1.29
	High	64QAM	1.09	1.30
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.94
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.92
	High	64QAM	2.70	2.93
5	Low	QPSK	4.53	5.31
	Low	16QAM	4.52	5.15
	Low	64QAM	4.52	5.14
	Mid	QPSK	4.52	5.17
	Mid	16QAM	4.51	5.15
	Mid	64QAM	4.50	5.12
	High	QPSK	4.53	5.2
	High	16QAM	4.52	5.14
	High	64QAM	4.51	5.10
10	Low	QPSK	9.02	10.06
	Low	16QAM	8.98	9.97
	Low	64QAM	8.99	10.08
	Mid	QPSK	9.01	10.06
	Mid	16QAM	8.97	10.0
	Mid	64QAM	8.97	10.01
	High	QPSK	9.01	10.13
	High	16QAM	8.99	10.03
	High	64QAM	9.00	10.04



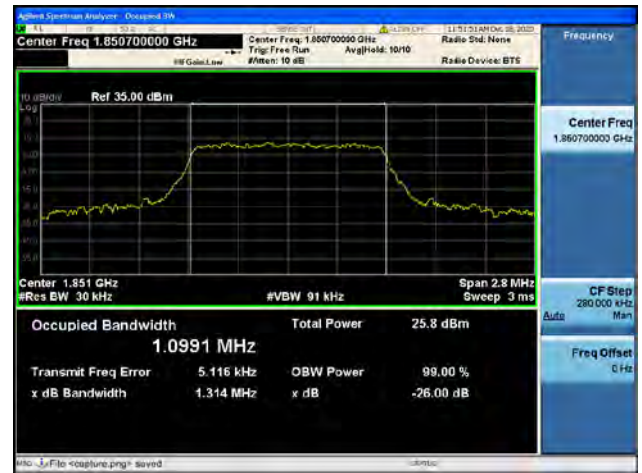
LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.26
	Low	16QAM	4.52	5.18
	Low	64QAM	4.51	5.12
	Mid	QPSK	4.52	5.27
	Mid	16QAM	4.53	6.34
	Mid	64QAM	4.51	5.16
	High	QPSK	4.52	5.16
	High	16QAM	4.53	5.37
	High	64QAM	4.51	5.11
10	Low	QPSK	9.01	10.1
	Low	16QAM	8.97	10.43
	Low	64QAM	9.01	10.08
	Mid	QPSK	9.03	10.09
	Mid	16QAM	8.98	9.97
	Mid	64QAM	9.01	10.02
	High	QPSK	9.01	10.32
	High	16QAM	8.99	10.87
	High	64QAM	9.02	10.15



Band2 / 1.4MHz / Low CH / QPSK



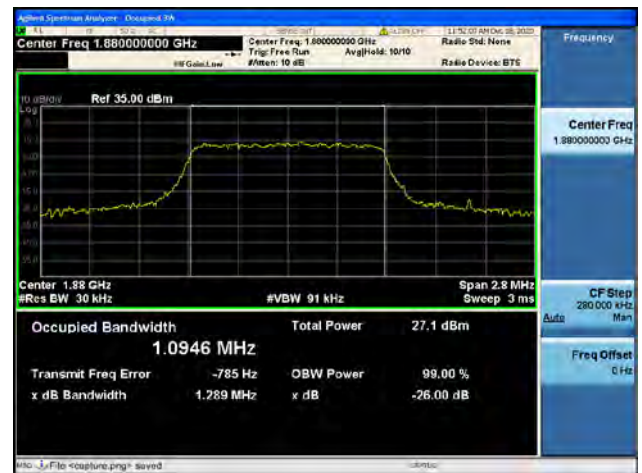
Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM



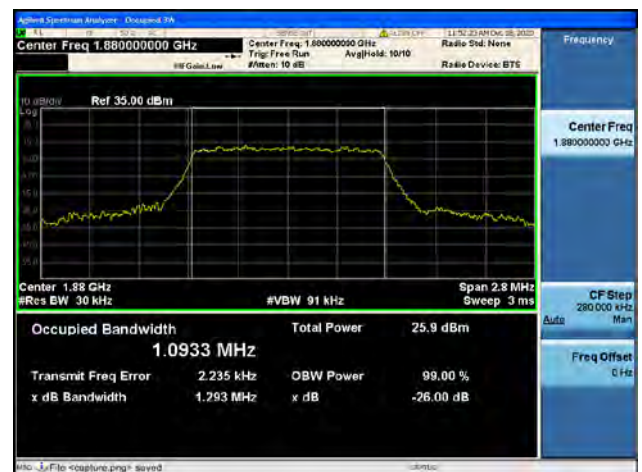
Band2 / 1.4MHz / Mid CH / QPSK

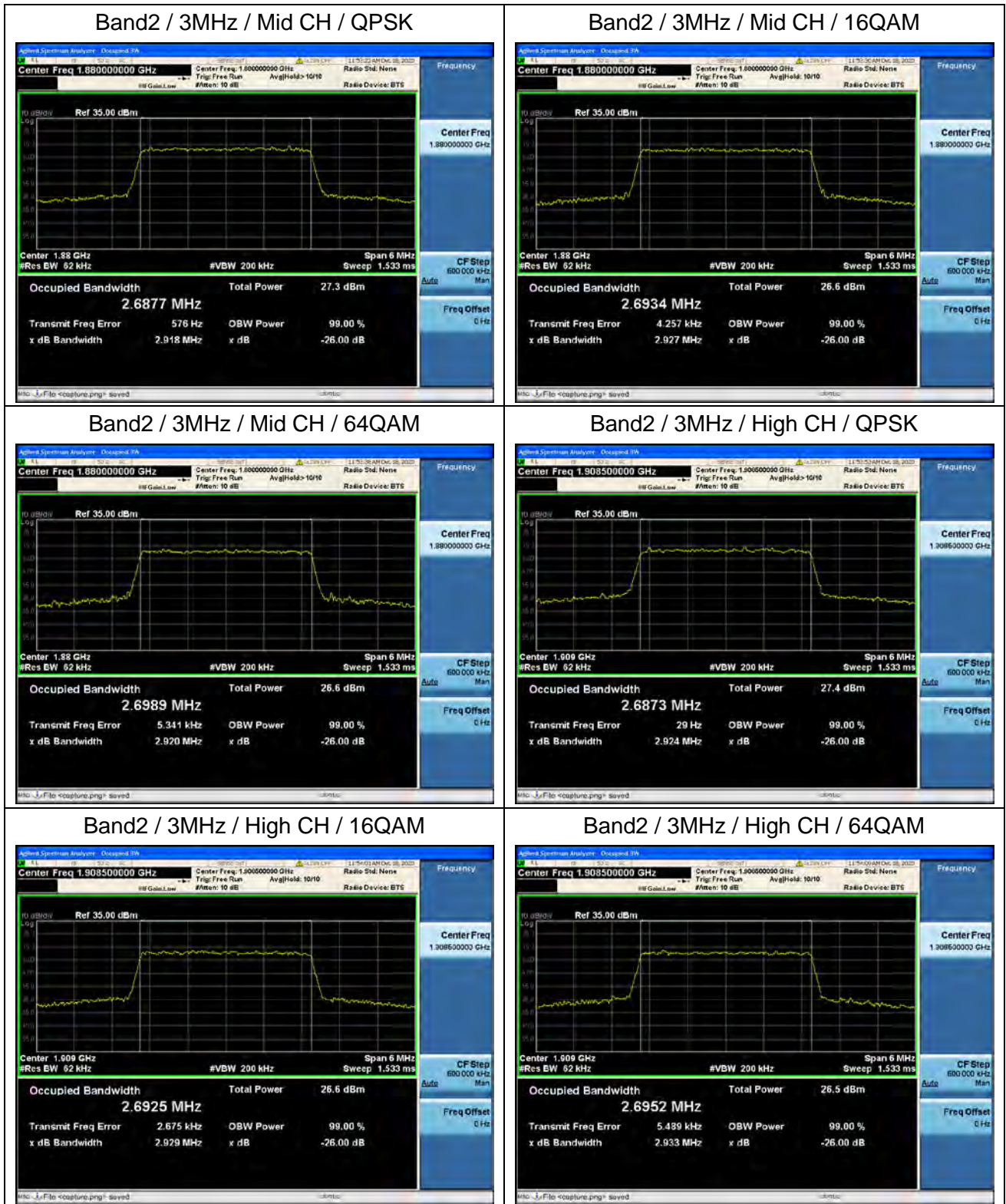


Band2 / 1.4MHz / Mid CH / 16QAM



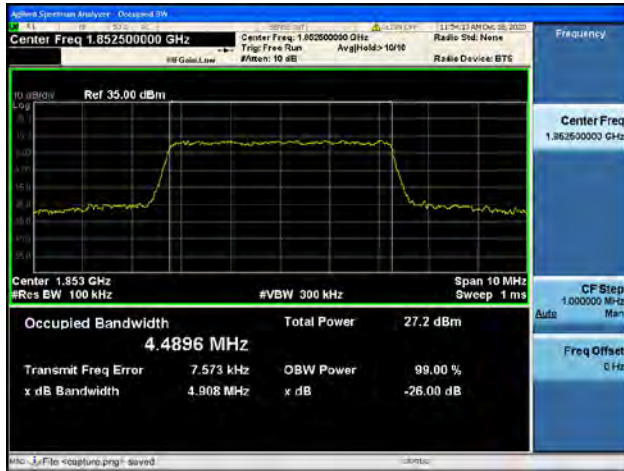
Band2 / 1.4MHz / Mid CH / 64QAM



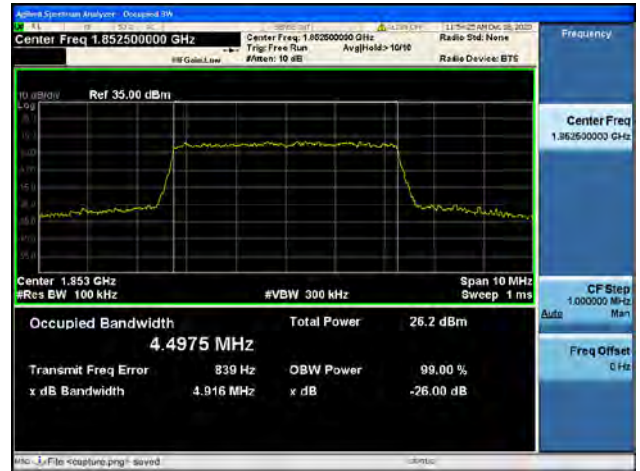




Band2 / 5MHz / Low CH / QPSK



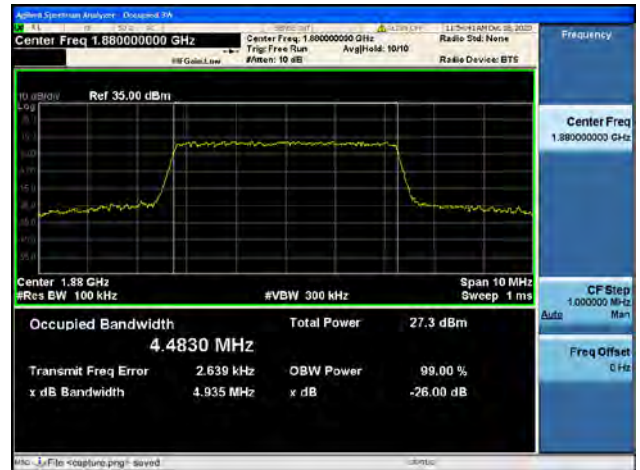
Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM



Band2 / 5MHz / Mid CH / 64QAM





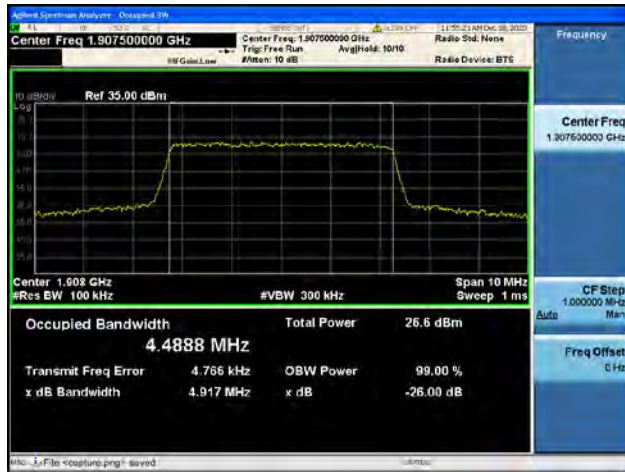
Band2 / 5MHz / High CH / QPSK



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



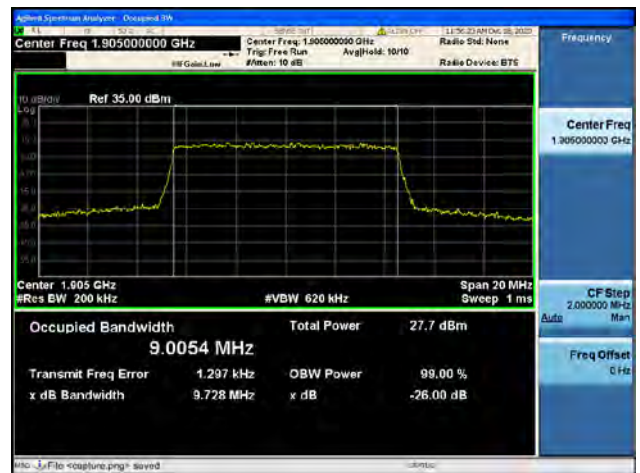
Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

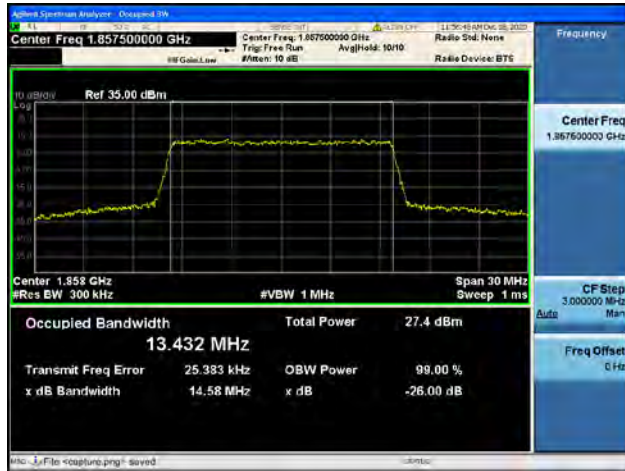


Band2 / 10MHz / High CH / 64QAM

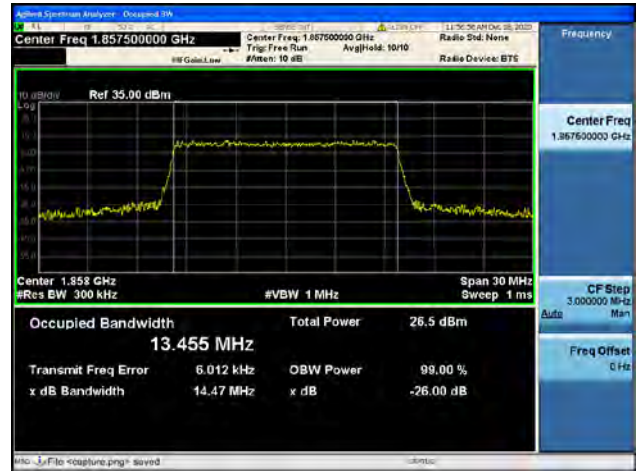




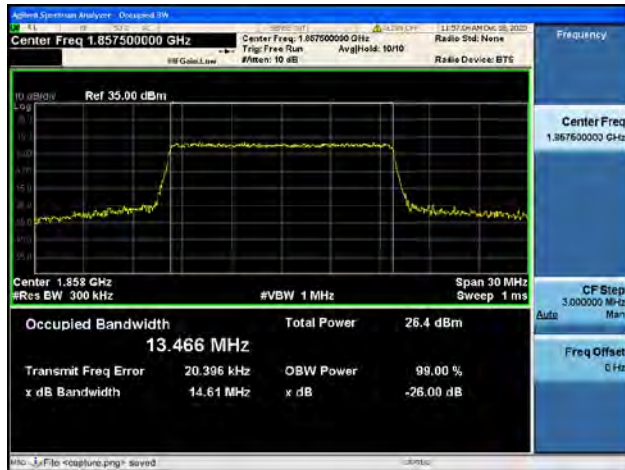
Band2 / 15MHz / Low CH / QPSK



Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

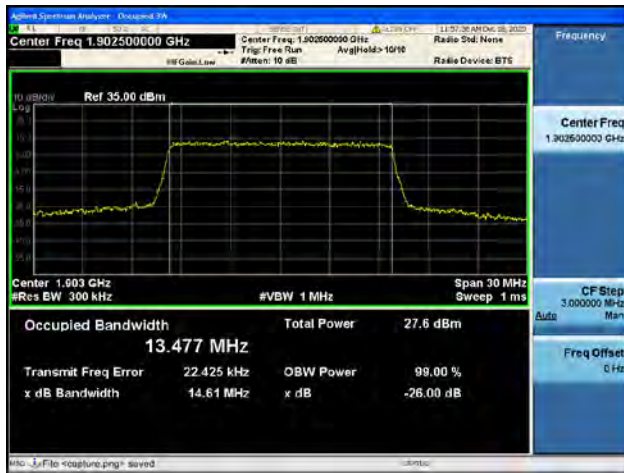


Band2 / 15MHz / Mid CH / 64QAM





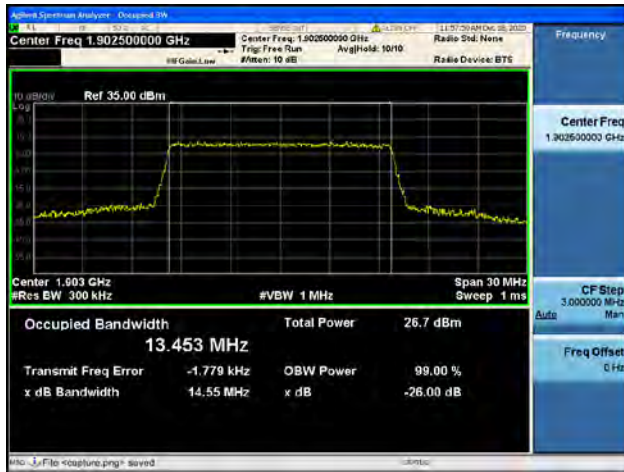
Band2 / 15MHz / High CH / QPSK



Band2 / 15MHz / High CH / 16QAM



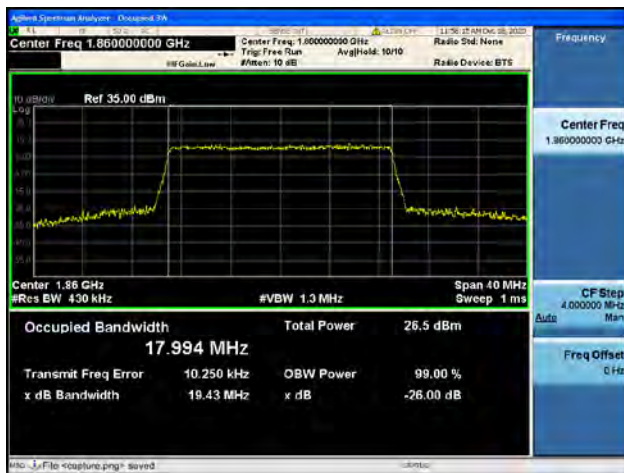
Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

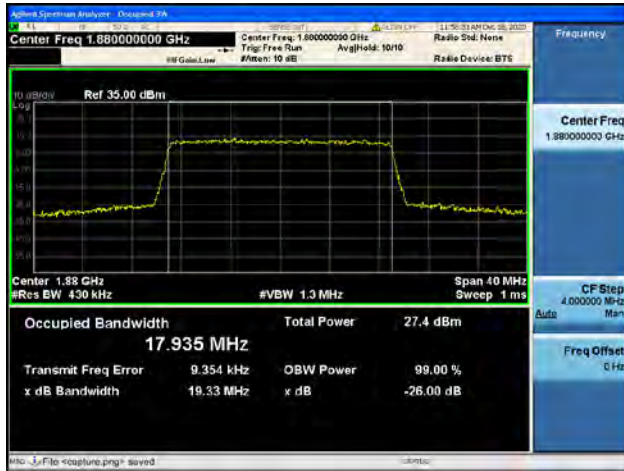


Band2 / 20MHz / Low CH / 64QAM





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



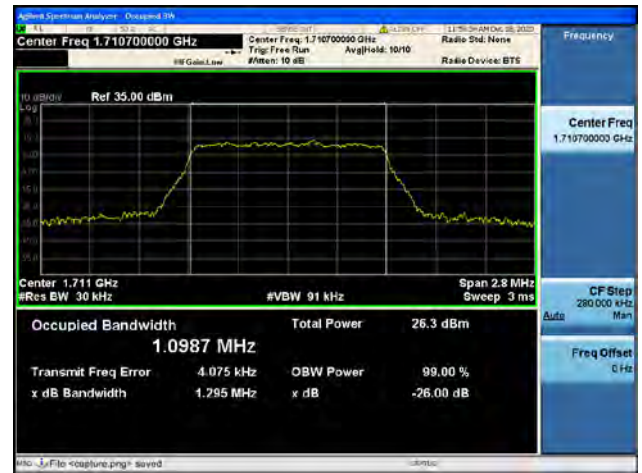
Band2 / 20MHz / High CH / 64QAM



Band4 / 1.4MHz / Low CH / QPSK



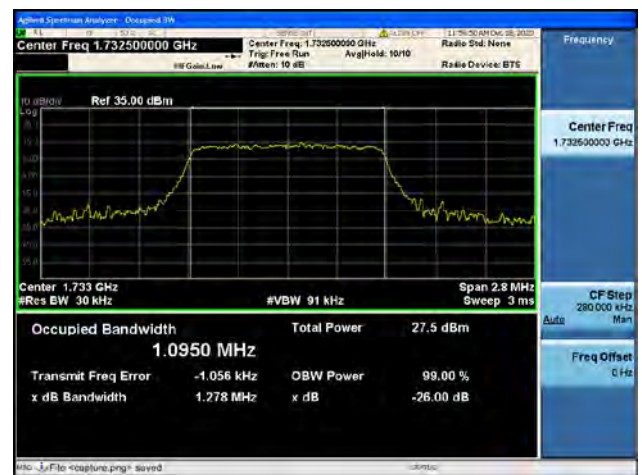
Band4 / 1.4MHz / Low CH / 16QAM



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 / 1.4MHz / High CH / QPSK



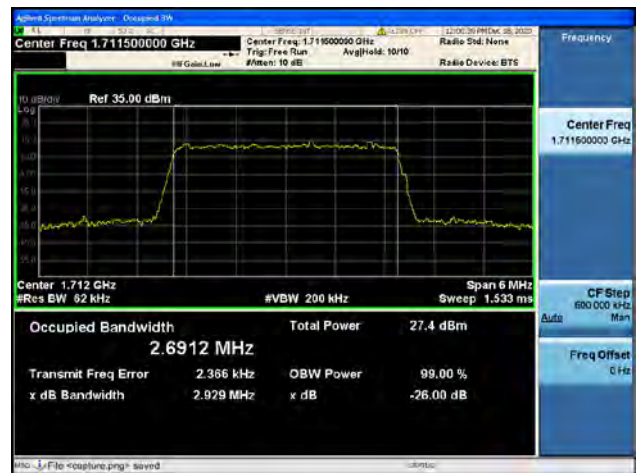
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



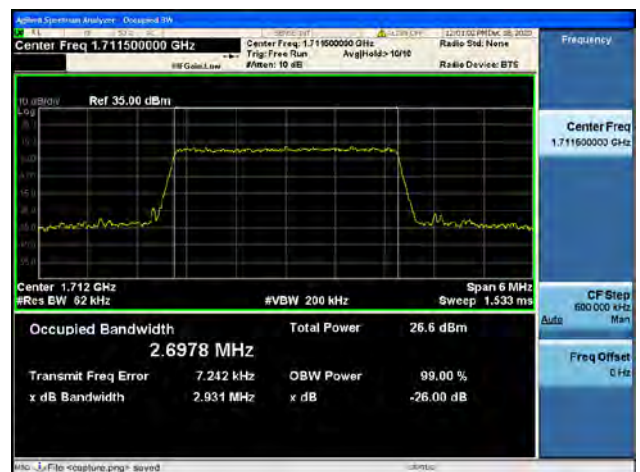
Band4 / 3MHz / Low CH / QPSK

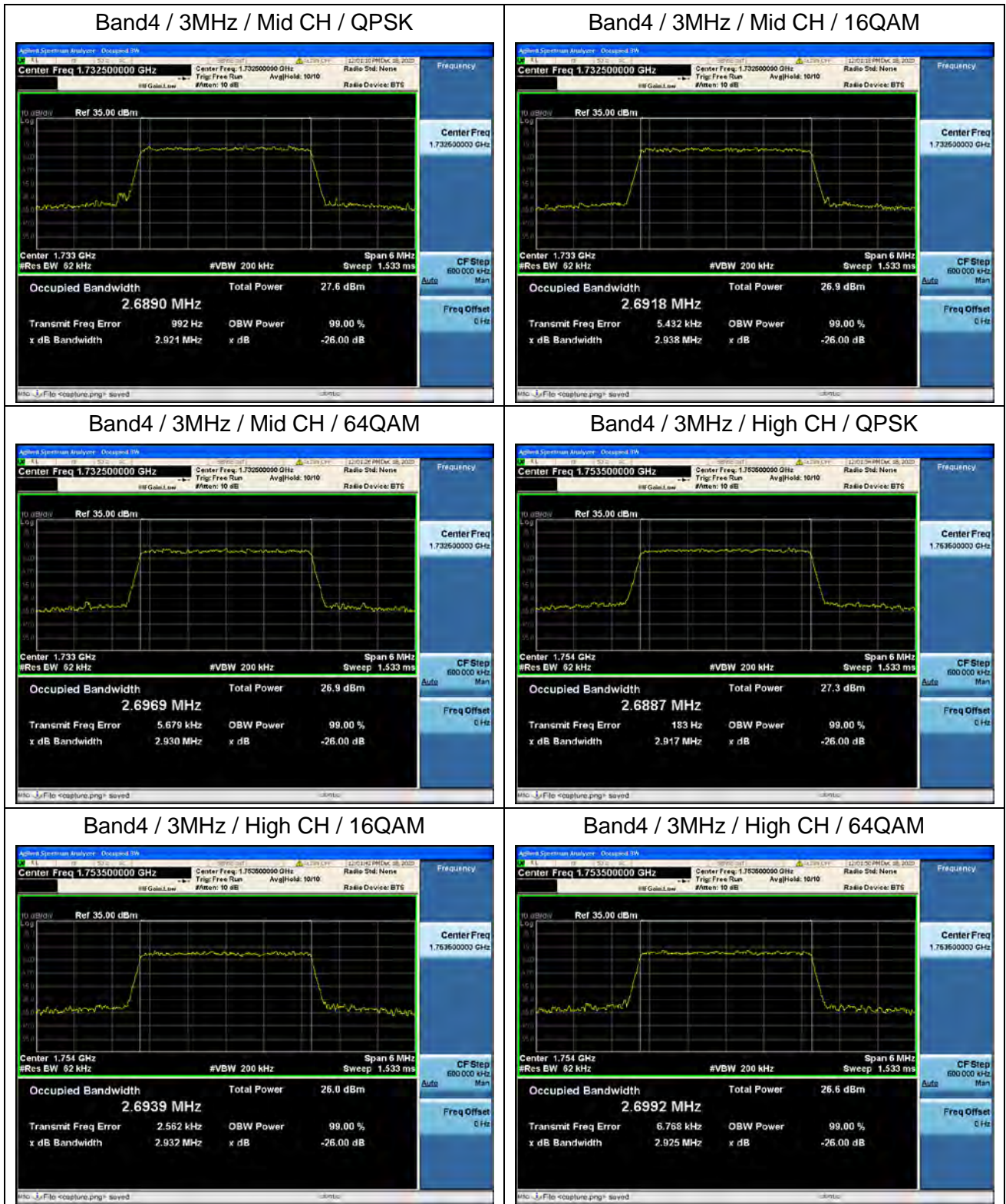


Band4 / 3MHz / Low CH / 16QAM



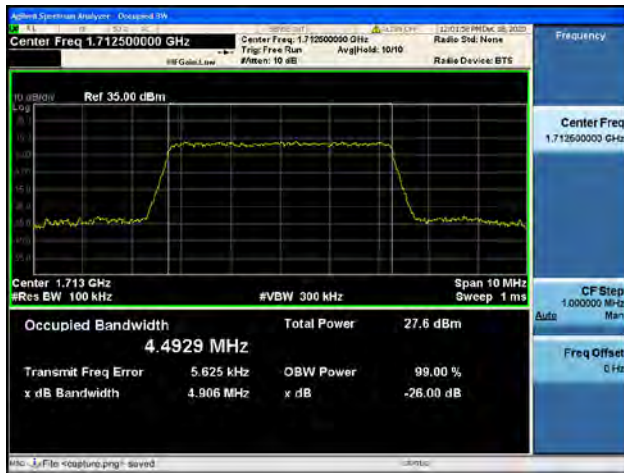
Band4 / 3MHz / Low CH / 64QAM



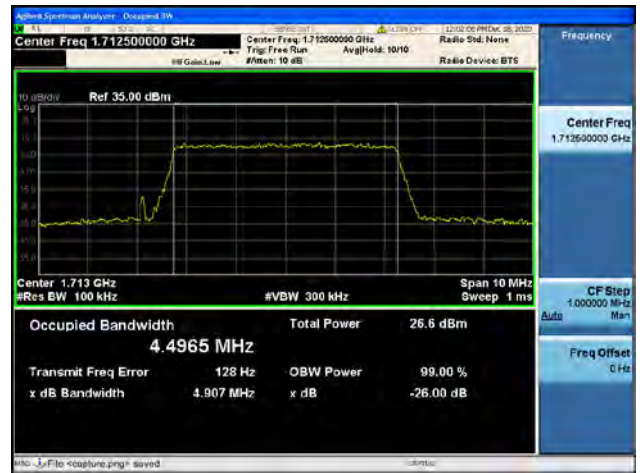




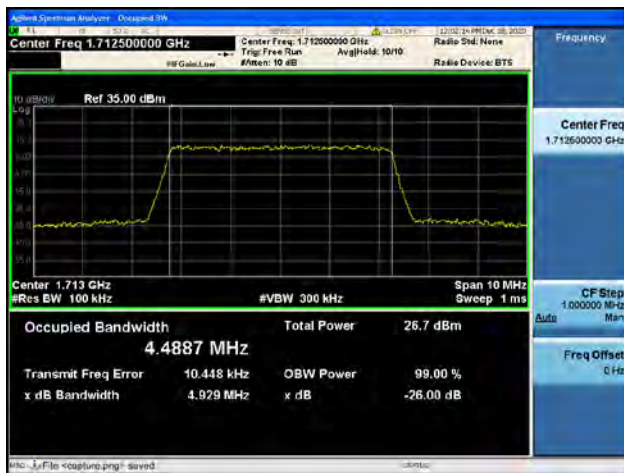
Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

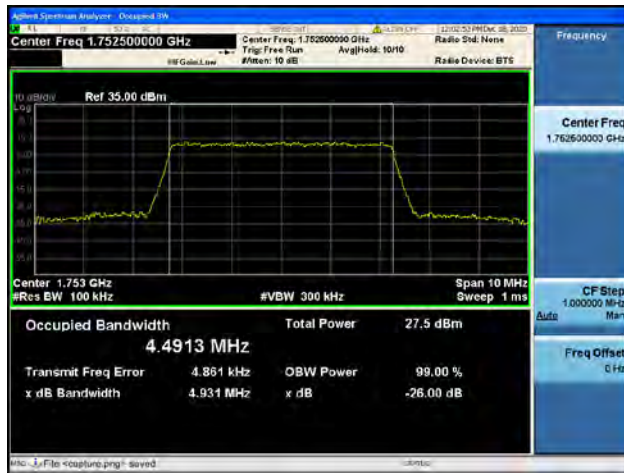


Band4 / 5MHz / Mid CH / 64QAM





Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM



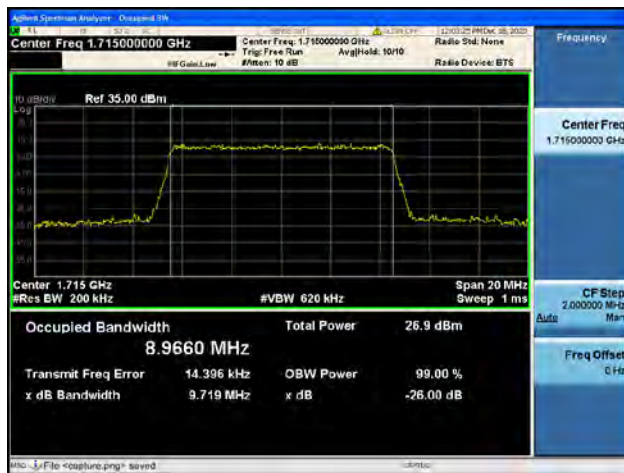
Band4 / 5MHz / High CH / 64QAM



Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

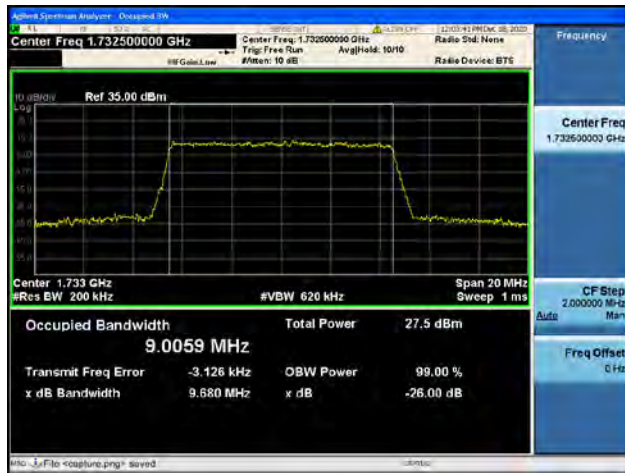


Band4 / 10MHz / Low CH / 64QAM

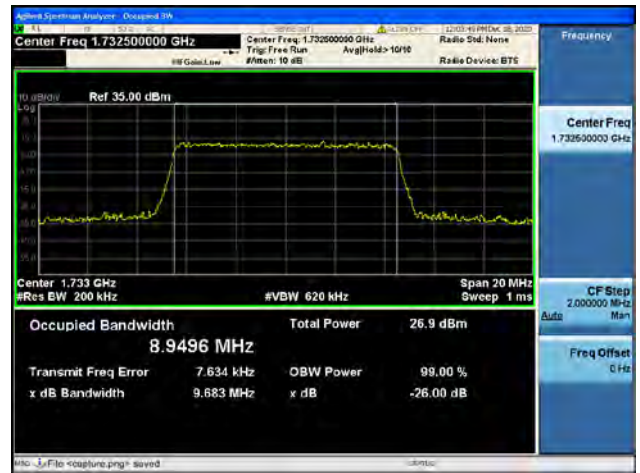




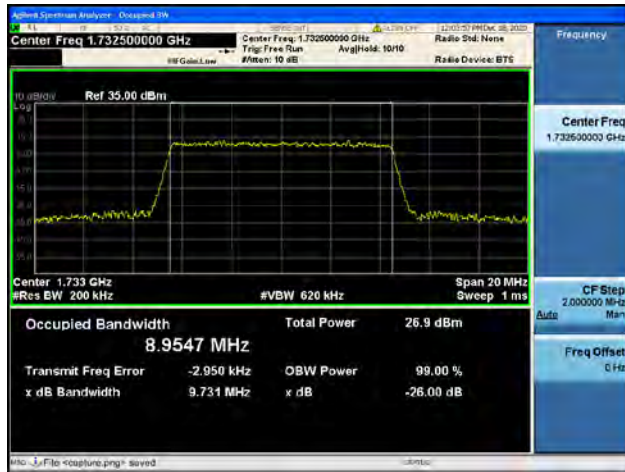
Band4 / 10MHz / Mid CH / QPSK



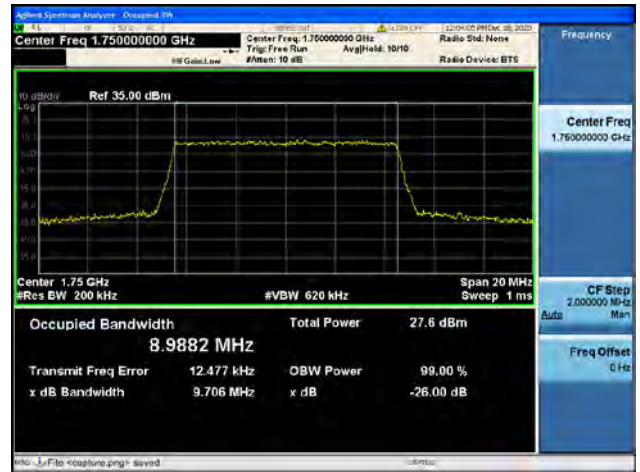
Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

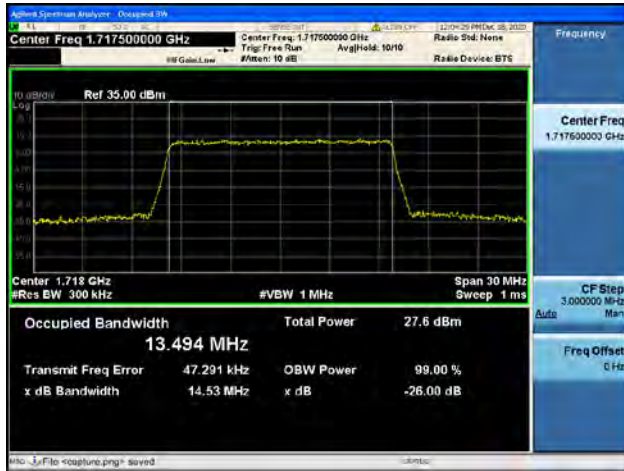


Band4 / 10MHz / High CH / 64QAM

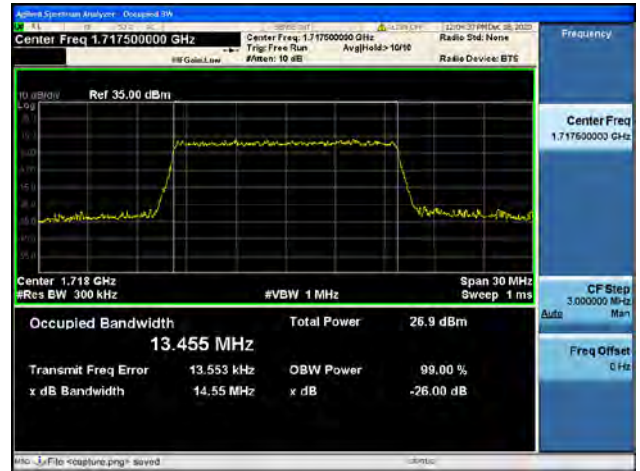




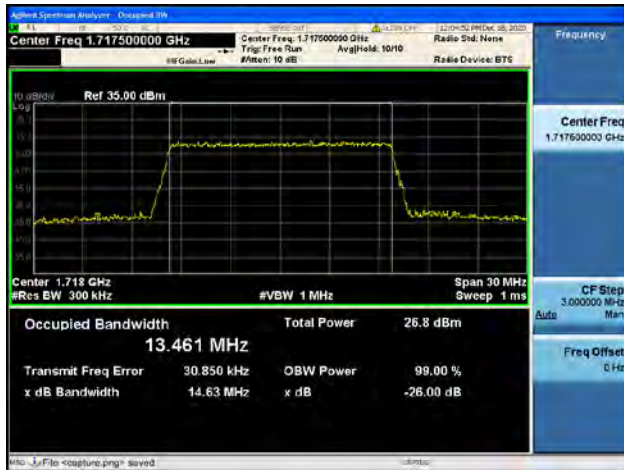
Band4 / 15MHz / Low CH / QPSK



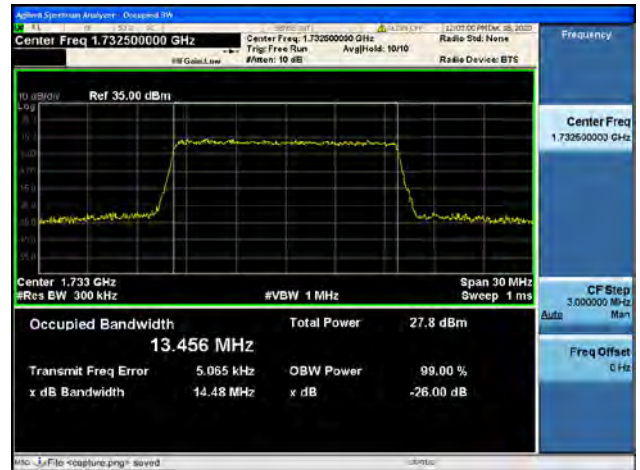
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

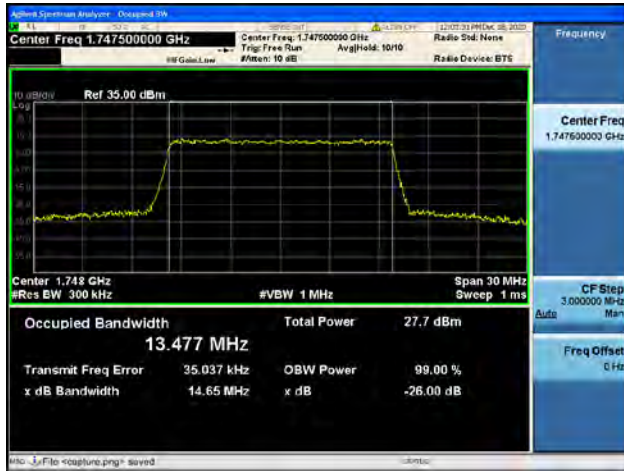


Band4 / 15MHz / Mid CH / 64QAM





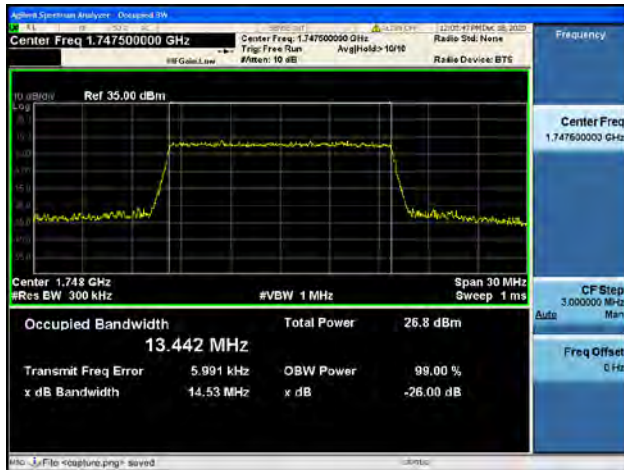
Band4 / 15MHz / High CH / QPSK



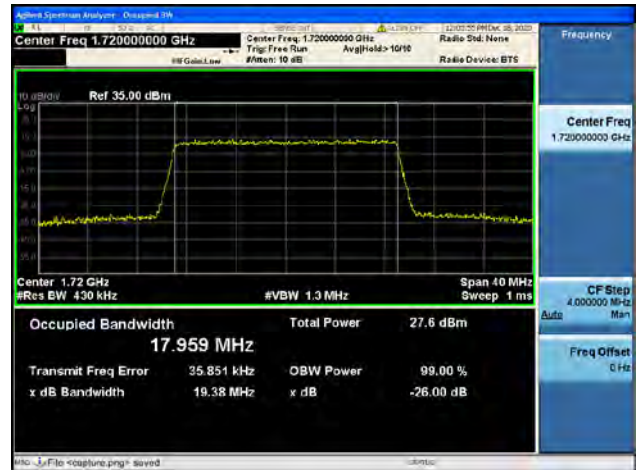
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



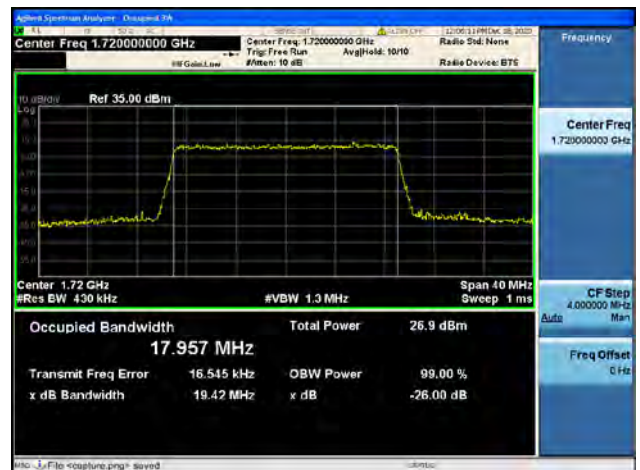
Band4 / 20MHz / Low CH / QPSK



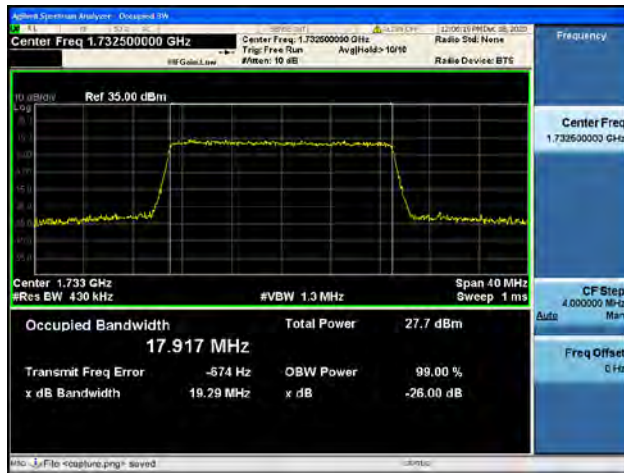
Band4 / 20MHz / Low CH / 16QAM



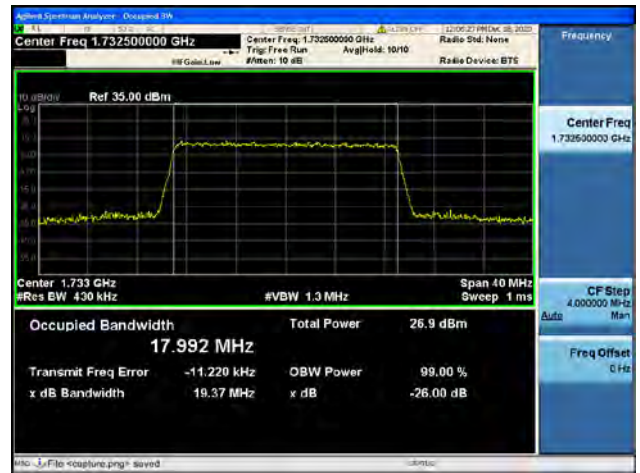
Band4 / 20MHz / Low CH / 64QAM



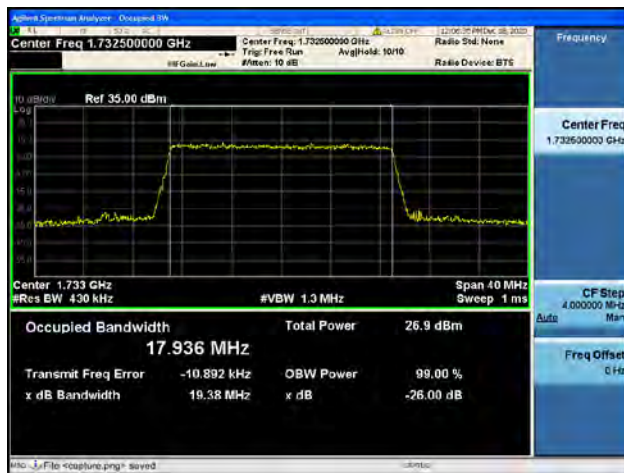
Band4 / 20MHz / Mid CH / QPSK



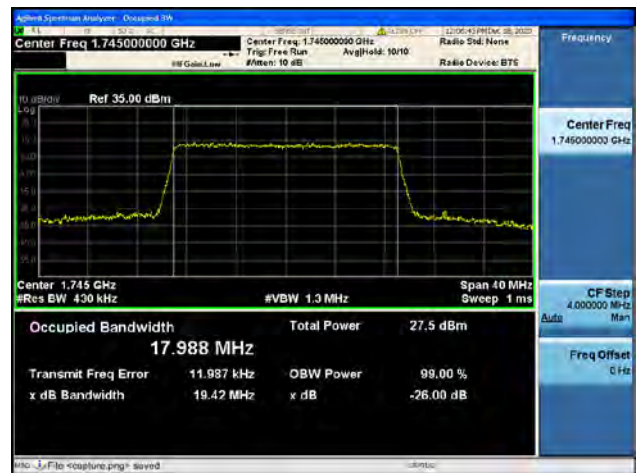
Band4 / 20MHz / Mid CH / 16QAM



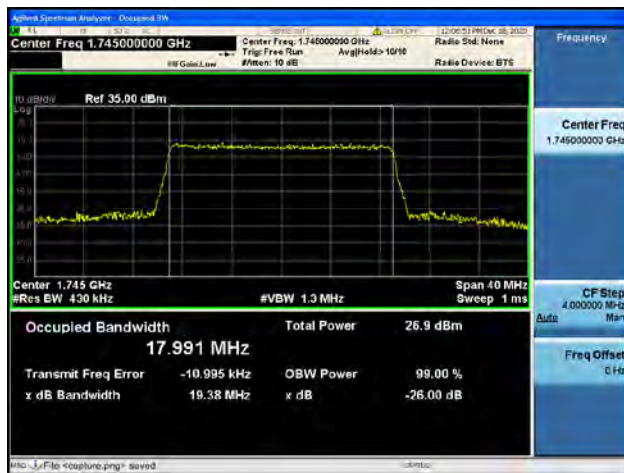
Band4 / 20MHz / Mid CH / 64QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM



Band4 / 20MHz / High CH / 64QAM

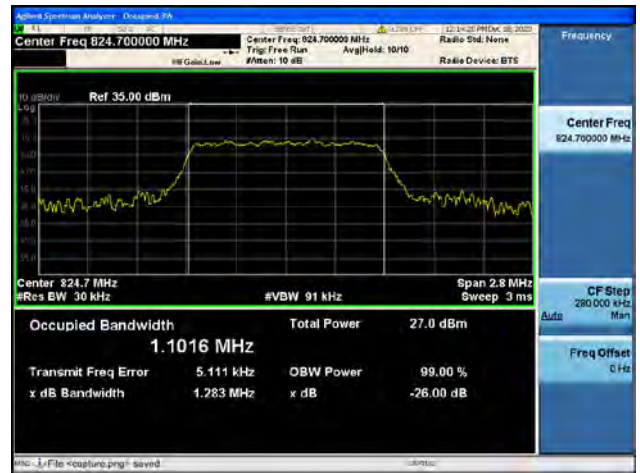




Band5 / 1.4MHz / Low CH / QPSK



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

