



LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.89	0.195	22.97	0.198	22.98	0.199
5	QPSK	1	12	22.85	0.193	22.97	0.198	22.98	0.199
5	QPSK	1	24	22.77	0.189	22.62	0.183	22.60	0.182
5	QPSK	12	0	22.10	0.162	22.05	0.160	22.04	0.160
5	QPSK	12	7	22.18	0.165	22.06	0.161	21.83	0.152
5	QPSK	12	13	21.89	0.155	21.92	0.156	21.92	0.156
5	QPSK	25	0	21.73	0.149	21.65	0.146	21.71	0.148
5	16QAM	1	0	21.58	0.144	21.56	0.143	21.55	0.143
5	16QAM	1	12	21.55	0.143	21.46	0.140	21.46	0.140
5	16QAM	1	24	21.57	0.144	21.29	0.135	21.24	0.133
5	16QAM	12	0	21.04	0.127	21.13	0.130	21.09	0.129
5	16QAM	12	7	21.01	0.126	21.12	0.129	20.92	0.124
5	16QAM	12	13	20.87	0.122	20.99	0.126	20.83	0.121
5	16QAM	25	0	20.84	0.121	20.85	0.122	20.75	0.119
5	64QAM	1	0	20.41	0.110	20.40	0.110	20.33	0.108
5	64QAM	1	12	20.38	0.109	20.37	0.109	20.28	0.107
5	64QAM	1	24	20.30	0.107	20.28	0.107	20.25	0.106
5	64QAM	12	0	19.17	0.083	19.17	0.083	18.97	0.079
5	64QAM	12	7	19.02	0.080	18.97	0.079	18.84	0.077
5	64QAM	12	13	18.86	0.077	18.84	0.077	18.67	0.074
5	64QAM	25	0	18.69	0.074	18.64	0.073	18.50	0.071



LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.88	0.194	23.03	0.201	22.94	0.197
3	QPSK	1	8	22.76	0.189	22.90	0.195	22.94	0.197
3	QPSK	1	14	22.72	0.187	22.64	0.184	22.66	0.185
3	QPSK	8	0	22.08	0.161	22.05	0.160	22.01	0.159
3	QPSK	8	4	22.15	0.164	21.98	0.158	21.81	0.152
3	QPSK	8	7	21.99	0.158	21.86	0.153	21.87	0.154
3	QPSK	15	0	21.80	0.151	21.65	0.146	21.65	0.146
3	16QAM	1	0	21.54	0.143	21.53	0.142	21.53	0.142
3	16QAM	1	8	21.54	0.143	21.44	0.139	21.39	0.138
3	16QAM	1	14	21.54	0.143	21.31	0.135	21.28	0.134
3	16QAM	8	0	21.15	0.130	21.19	0.132	21.13	0.130
3	16QAM	8	4	21.04	0.127	21.09	0.129	20.96	0.125
3	16QAM	8	7	20.98	0.125	20.98	0.125	20.86	0.122
3	16QAM	15	0	20.82	0.121	20.86	0.122	20.71	0.118
3	64QAM	1	0	20.49	0.112	20.33	0.108	20.33	0.108
3	64QAM	1	8	20.38	0.109	20.35	0.108	20.37	0.109
3	64QAM	1	14	20.34	0.108	20.24	0.106	20.16	0.104
3	64QAM	8	0	19.12	0.082	19.20	0.083	19.04	0.080
3	64QAM	8	4	18.93	0.078	18.96	0.079	18.86	0.077
3	64QAM	8	7	18.80	0.076	18.80	0.076	18.74	0.075
3	64QAM	15	0	18.68	0.074	18.64	0.073	18.51	0.071



LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.96	0.198	23.08	0.203	23.00	0.200
1.4	QPSK	1	3	22.84	0.192	22.94	0.197	23.01	0.200
1.4	QPSK	1	5	22.77	0.189	22.63	0.183	22.66	0.185
1.4	QPSK	3	0	22.11	0.163	22.11	0.163	22.01	0.159
1.4	QPSK	3	1	22.15	0.164	22.03	0.160	21.92	0.156
1.4	QPSK	3	3	21.89	0.155	21.83	0.152	21.92	0.156
1.4	QPSK	6	0	21.74	0.149	21.71	0.148	21.70	0.148
1.4	16QAM	1	0	21.57	0.144	21.51	0.142	21.46	0.140
1.4	16QAM	1	3	21.59	0.144	21.42	0.139	21.40	0.138
1.4	16QAM	1	5	21.56	0.143	21.39	0.138	21.26	0.134
1.4	16QAM	3	0	21.16	0.131	21.18	0.131	21.08	0.128
1.4	16QAM	3	1	21.00	0.126	21.03	0.127	20.99	0.126
1.4	16QAM	3	3	20.91	0.123	20.94	0.124	20.92	0.124
1.4	16QAM	6	0	20.80	0.120	20.86	0.122	20.72	0.118
1.4	64QAM	1	0	20.41	0.110	20.37	0.109	20.23	0.105
1.4	64QAM	1	3	20.46	0.111	20.29	0.107	20.36	0.109
1.4	64QAM	1	5	20.32	0.108	20.32	0.108	20.24	0.106
1.4	64QAM	3	0	19.45	0.088	19.49	0.089	19.37	0.086
1.4	64QAM	3	1	19.53	0.090	19.55	0.090	19.46	0.088
1.4	64QAM	3	3	19.43	0.088	19.38	0.087	19.34	0.086
1.4	64QAM	6	0	18.66	0.073	18.69	0.074	18.57	0.072



LTE Band26 Part22				Measured E.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	21.25	0.133	21.19	0.131	21.18	0.131
15	QPSK	1	37	21.17	0.131	21.19	0.131	21.21	0.132
15	QPSK	1	74	20.84	0.121	20.80	0.120	20.87	0.122
15	QPSK	36	0	20.38	0.109	20.30	0.107	20.26	0.106
15	QPSK	36	20	20.26	0.106	20.12	0.103	20.09	0.102
15	QPSK	36	39	20.08	0.102	20.05	0.101	20.10	0.102
15	QPSK	75	0	20.04	0.101	20.00	0.100	19.99	0.100
15	16QAM	1	0	19.72	0.094	19.67	0.093	19.73	0.094
15	16QAM	1	37	19.70	0.093	19.66	0.092	19.63	0.092
15	16QAM	1	74	19.55	0.090	19.48	0.089	19.49	0.089
15	16QAM	36	0	19.39	0.087	19.34	0.086	19.34	0.086
15	16QAM	36	20	19.29	0.085	19.20	0.083	19.19	0.083
15	16QAM	36	39	19.15	0.082	19.10	0.081	19.10	0.081
15	16QAM	75	0	19.05	0.080	18.96	0.079	18.94	0.078
15	64QAM	1	0	18.56	0.072	18.52	0.071	18.50	0.071
15	64QAM	1	37	18.53	0.071	18.52	0.071	18.53	0.071
15	64QAM	1	74	18.51	0.071	18.46	0.070	18.42	0.070
15	64QAM	36	0	17.36	0.054	17.28	0.053	17.23	0.053
15	64QAM	36	20	17.15	0.052	17.09	0.051	17.12	0.052
15	64QAM	36	39	17.07	0.051	16.96	0.050	16.86	0.049
15	64QAM	75	0	16.92	0.049	16.84	0.048	16.78	0.048



LTE Band26 Part22				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.01	0.126	21.08	0.128	21.13	0.130
10	QPSK	1	25	20.99	0.126	21.03	0.127	21.10	0.129
10	QPSK	1	49	20.75	0.119	20.79	0.120	20.81	0.121
10	QPSK	25	0	20.21	0.105	20.13	0.103	20.24	0.106
10	QPSK	25	12	19.93	0.098	20.03	0.101	20.05	0.101
10	QPSK	25	25	19.96	0.099	19.87	0.097	19.97	0.099
10	QPSK	50	0	19.77	0.095	19.79	0.095	19.80	0.095
10	16QAM	1	0	19.58	0.091	19.57	0.091	19.62	0.092
10	16QAM	1	25	19.49	0.089	19.51	0.089	19.57	0.091
10	16QAM	1	49	19.35	0.086	19.39	0.087	19.47	0.089
10	16QAM	25	0	19.23	0.084	19.28	0.085	19.33	0.086
10	16QAM	25	12	19.05	0.080	19.08	0.081	19.15	0.082
10	16QAM	25	25	18.88	0.077	18.85	0.077	18.97	0.079
10	16QAM	50	0	19.15	0.082	19.21	0.083	19.22	0.084
10	64QAM	1	0	18.33	0.068	18.32	0.068	18.41	0.069
10	64QAM	1	25	18.46	0.070	18.42	0.070	18.48	0.070
10	64QAM	1	49	18.30	0.068	18.27	0.067	18.34	0.068
10	64QAM	25	0	17.04	0.051	17.02	0.050	17.12	0.052
10	64QAM	25	12	16.94	0.049	16.98	0.050	17.03	0.050
10	64QAM	25	25	16.85	0.048	16.79	0.048	16.91	0.049
10	64QAM	50	0	16.58	0.045	16.60	0.046	16.66	0.046



LTE Band26 Part22				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.00	0.126	21.04	0.127	21.07	0.128
5	QPSK	1	12	21.03	0.127	21.10	0.129	21.11	0.129
5	QPSK	1	24	20.73	0.118	20.76	0.119	20.81	0.121
5	QPSK	12	0	20.15	0.104	20.20	0.105	20.24	0.106
5	QPSK	12	7	19.86	0.097	19.87	0.097	19.98	0.100
5	QPSK	12	13	19.99	0.100	19.95	0.099	20.03	0.101
5	QPSK	25	0	19.77	0.095	19.75	0.094	19.84	0.096
5	16QAM	1	0	19.59	0.091	19.52	0.090	19.61	0.091
5	16QAM	1	12	19.56	0.090	19.51	0.089	19.60	0.091
5	16QAM	1	24	19.39	0.087	19.41	0.087	19.46	0.088
5	16QAM	12	0	19.21	0.083	19.20	0.083	19.29	0.085
5	16QAM	12	7	19.05	0.080	18.98	0.079	19.08	0.081
5	16QAM	12	13	19.32	0.086	19.30	0.085	19.37	0.086
5	16QAM	25	0	19.13	0.082	19.10	0.081	19.15	0.082
5	64QAM	1	0	18.34	0.068	18.38	0.069	18.40	0.069
5	64QAM	1	12	18.36	0.069	18.43	0.070	18.47	0.070
5	64QAM	1	24	18.25	0.067	18.31	0.068	18.37	0.069
5	64QAM	12	0	17.08	0.051	17.12	0.052	17.18	0.052
5	64QAM	12	7	16.94	0.049	16.99	0.050	17.01	0.050
5	64QAM	12	13	16.77	0.048	16.87	0.049	16.89	0.049
5	64QAM	25	0	16.66	0.046	16.66	0.046	16.76	0.047



LTE Band26 Part22				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.00	0.126	20.94	0.124	21.06	0.128
3	QPSK	1	8	21.08	0.128	21.06	0.128	21.13	0.130
3	QPSK	1	14	20.84	0.121	20.84	0.121	20.85	0.122
3	QPSK	8	0	20.14	0.103	20.20	0.105	20.22	0.105
3	QPSK	8	4	19.94	0.099	19.90	0.098	20.01	0.100
3	QPSK	8	7	19.95	0.099	19.93	0.098	20.00	0.100
3	QPSK	15	0	19.66	0.092	19.73	0.094	19.78	0.095
3	16QAM	1	0	19.64	0.092	19.56	0.090	19.66	0.092
3	16QAM	1	8	19.38	0.087	19.44	0.088	19.50	0.089
3	16QAM	1	14	19.26	0.084	19.26	0.084	19.36	0.086
3	16QAM	8	0	19.21	0.083	19.20	0.083	19.27	0.085
3	16QAM	8	4	19.09	0.081	19.07	0.081	19.17	0.083
3	16QAM	8	7	18.98	0.079	18.97	0.079	19.02	0.080
3	16QAM	15	0	19.17	0.083	19.17	0.083	19.21	0.083
3	64QAM	1	0	18.32	0.068	18.34	0.068	18.43	0.070
3	64QAM	1	8	18.36	0.069	18.41	0.069	18.47	0.070
3	64QAM	1	14	18.31	0.068	18.27	0.067	18.39	0.069
3	64QAM	8	0	17.17	0.052	17.06	0.051	17.18	0.052
3	64QAM	8	4	16.94	0.049	16.87	0.049	16.99	0.050
3	64QAM	8	7	16.77	0.048	16.72	0.047	16.84	0.048
3	64QAM	15	0	16.67	0.046	16.71	0.047	16.73	0.047



LTE Band26 Part22				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.03	0.127	21.08	0.128	21.10	0.129
1.4	QPSK	1	3	21.07	0.128	21.00	0.126	21.10	0.129
1.4	QPSK	1	5	20.72	0.118	20.78	0.120	20.83	0.121
1.4	QPSK	3	0	20.06	0.101	20.07	0.102	20.14	0.103
1.4	QPSK	3	1	19.98	0.100	20.01	0.100	20.08	0.102
1.4	QPSK	3	3	19.94	0.099	19.99	0.100	20.06	0.101
1.4	QPSK	6	0	19.69	0.093	19.68	0.093	19.78	0.095
1.4	16QAM	1	0	19.68	0.093	19.57	0.091	19.69	0.093
1.4	16QAM	1	3	19.42	0.087	19.43	0.088	19.52	0.090
1.4	16QAM	1	5	19.38	0.087	19.34	0.086	19.40	0.087
1.4	16QAM	3	0	19.15	0.082	19.14	0.082	19.25	0.084
1.4	16QAM	3	1	19.17	0.083	19.16	0.082	19.18	0.083
1.4	16QAM	3	3	19.32	0.086	19.34	0.086	19.37	0.086
1.4	16QAM	6	0	18.77	0.075	18.79	0.076	18.88	0.077
1.4	64QAM	1	0	19.36	0.086	19.35	0.086	19.37	0.086
1.4	64QAM	1	3	19.29	0.085	19.29	0.085	19.37	0.086
1.4	64QAM	1	5	19.18	0.083	19.12	0.082	19.20	0.083
1.4	64QAM	3	0	18.34	0.068	18.38	0.069	18.39	0.069
1.4	64QAM	3	1	18.23	0.067	18.20	0.066	18.24	0.067
1.4	64QAM	3	3	17.95	0.062	17.96	0.063	18.05	0.064
1.4	64QAM	6	0	16.90	0.049	16.86	0.049	16.97	0.050



LTE Band26 Part90				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		26740		/	
Frequency (MHz)				/		819		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	21.08	0.128	/	/
10	QPSK	1	25	/	/	20.96	0.125	/	/
10	QPSK	1	49	/	/	20.94	0.124	/	/
10	QPSK	25	0	/	/	20.26	0.106	/	/
10	QPSK	25	12	/	/	20.29	0.107	/	/
10	QPSK	25	25	/	/	20.08	0.102	/	/
10	QPSK	50	0	/	/	20.00	0.100	/	/
10	16QAM	1	0	/	/	19.66	0.092	/	/
10	16QAM	1	25	/	/	19.74	0.094	/	/
10	16QAM	1	49	/	/	19.69	0.093	/	/
10	16QAM	25	0	/	/	19.21	0.083	/	/
10	16QAM	25	12	/	/	19.18	0.083	/	/
10	16QAM	25	25	/	/	19.13	0.082	/	/
10	16QAM	50	0	/	/	19.30	0.085	/	/
10	64QAM	1	0	/	/	18.55	0.072	/	/
10	64QAM	1	25	/	/	18.62	0.073	/	/
10	64QAM	1	49	/	/	18.47	0.070	/	/
10	64QAM	25	0	/	/	17.23	0.053	/	/
10	64QAM	25	12	/	/	17.14	0.052	/	/
10	64QAM	25	25	/	/	17.01	0.050	/	/
10	64QAM	50	0	/	/	16.79	0.048	/	/



LTE Band26 Part90				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26715		26740		26765	
Frequency (MHz)				816.5		819		821.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.03	0.127	20.95	0.124	20.95	0.124
5	QPSK	1	12	21.00	0.126	20.94	0.124	20.96	0.125
5	QPSK	1	24	20.84	0.121	20.83	0.121	20.78	0.120
5	QPSK	12	0	20.23	0.105	20.14	0.103	20.19	0.104
5	QPSK	12	7	20.29	0.107	20.24	0.106	20.18	0.104
5	QPSK	12	13	20.05	0.101	20.04	0.101	20.04	0.101
5	QPSK	25	0	19.94	0.099	19.84	0.096	19.91	0.098
5	16QAM	1	0	19.73	0.094	19.70	0.093	19.62	0.092
5	16QAM	1	12	19.65	0.092	19.64	0.092	19.60	0.091
5	16QAM	1	24	19.72	0.094	19.62	0.092	19.61	0.091
5	16QAM	12	0	19.30	0.085	19.26	0.084	19.23	0.084
5	16QAM	12	7	19.21	0.083	19.12	0.082	19.10	0.081
5	16QAM	12	13	19.34	0.086	19.24	0.084	19.28	0.085
5	16QAM	25	0	19.22	0.084	19.16	0.082	19.13	0.082
5	64QAM	1	0	18.59	0.072	18.58	0.072	18.52	0.071
5	64QAM	1	12	18.55	0.072	18.53	0.071	18.48	0.070
5	64QAM	1	24	18.46	0.070	18.42	0.070	18.35	0.068
5	64QAM	12	0	17.31	0.054	17.27	0.053	17.21	0.053
5	64QAM	12	7	17.14	0.052	17.04	0.051	17.13	0.052
5	64QAM	12	13	16.98	0.050	16.92	0.049	16.97	0.050
5	64QAM	25	0	16.89	0.049	16.83	0.048	16.85	0.048



LTE Band26 Part90				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26705		26740		26775	
Frequency (MHz)				815.5		819		822.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.05	0.127	20.93	0.124	20.99	0.126
3	QPSK	1	8	20.94	0.124	20.83	0.121	20.90	0.123
3	QPSK	1	14	20.91	0.123	20.82	0.121	20.84	0.121
3	QPSK	8	0	20.32	0.108	20.25	0.106	20.23	0.105
3	QPSK	8	4	20.29	0.107	20.17	0.104	20.20	0.105
3	QPSK	8	7	20.10	0.102	20.02	0.100	19.98	0.100
3	QPSK	15	0	19.93	0.098	19.89	0.097	19.84	0.096
3	16QAM	1	0	19.71	0.094	19.62	0.092	19.61	0.091
3	16QAM	1	8	19.68	0.093	19.61	0.091	19.60	0.091
3	16QAM	1	14	19.71	0.094	19.61	0.091	19.62	0.092
3	16QAM	8	0	19.25	0.084	19.23	0.084	19.22	0.084
3	16QAM	8	4	19.18	0.083	19.14	0.082	19.06	0.081
3	16QAM	8	7	19.04	0.080	19.03	0.080	19.03	0.080
3	16QAM	15	0	19.26	0.084	19.21	0.083	19.24	0.084
3	64QAM	1	0	18.60	0.072	18.51	0.071	18.58	0.072
3	64QAM	1	8	18.61	0.073	18.49	0.071	18.55	0.072
3	64QAM	1	14	18.48	0.070	18.41	0.069	18.40	0.069
3	64QAM	8	0	17.27	0.053	17.23	0.053	17.22	0.053
3	64QAM	8	4	17.19	0.052	17.07	0.051	17.14	0.052
3	64QAM	8	7	16.95	0.050	16.87	0.049	16.86	0.049
3	64QAM	15	0	16.83	0.048	16.72	0.047	16.78	0.048



LTE Band26 Part90				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26697		26740		26783	
Frequency (MHz)				814.7		819		823.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.09	0.129	21.01	0.126	20.98	0.125
1.4	QPSK	1	3	20.97	0.125	20.93	0.124	20.96	0.125
1.4	QPSK	1	5	20.88	0.122	20.84	0.121	20.77	0.119
1.4	QPSK	3	0	20.26	0.106	20.21	0.105	20.25	0.106
1.4	QPSK	3	1	20.30	0.107	20.26	0.106	20.29	0.107
1.4	QPSK	3	3	20.05	0.101	19.99	0.100	19.94	0.099
1.4	QPSK	6	0	19.99	0.100	19.89	0.097	19.94	0.099
1.4	16QAM	1	0	19.71	0.094	19.59	0.091	19.66	0.092
1.4	16QAM	1	3	19.70	0.093	19.67	0.093	19.63	0.092
1.4	16QAM	1	5	19.64	0.092	19.60	0.091	19.52	0.090
1.4	16QAM	3	0	19.26	0.084	19.22	0.084	19.23	0.084
1.4	16QAM	3	1	19.27	0.085	19.18	0.083	19.20	0.083
1.4	16QAM	3	3	19.38	0.087	19.29	0.085	19.28	0.085
1.4	16QAM	6	0	18.99	0.079	18.95	0.079	18.93	0.078
1.4	64QAM	1	0	19.45	0.088	19.33	0.086	19.41	0.087
1.4	64QAM	1	3	19.52	0.090	19.48	0.089	19.43	0.088
1.4	64QAM	1	5	19.35	0.086	19.30	0.085	19.34	0.086
1.4	64QAM	3	0	18.43	0.070	18.35	0.068	18.37	0.069
1.4	64QAM	3	1	18.38	0.069	18.26	0.067	18.34	0.068
1.4	64QAM	3	3	18.16	0.065	18.11	0.065	18.13	0.065
1.4	64QAM	6	0	17.20	0.052	17.11	0.051	17.16	0.052



LTE Band30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.24	0.211	/	/
10	QPSK	1	25	/	/	23.16	0.207	/	/
10	QPSK	1	49	/	/	22.83	0.192	/	/
10	QPSK	25	0	/	/	22.28	0.169	/	/
10	QPSK	25	12	/	/	22.25	0.168	/	/
10	QPSK	25	25	/	/	22.07	0.161	/	/
10	QPSK	50	0	/	/	21.91	0.155	/	/
10	16QAM	1	0	/	/	21.71	0.148	/	/
10	16QAM	1	25	/	/	21.69	0.148	/	/
10	16QAM	1	49	/	/	21.54	0.143	/	/
10	16QAM	25	0	/	/	21.38	0.137	/	/
10	16QAM	25	12	/	/	21.28	0.134	/	/
10	16QAM	25	25	/	/	21.25	0.133	/	/
10	16QAM	50	0	/	/	21.15	0.130	/	/
10	64QAM	1	0	/	/	20.55	0.114	/	/
10	64QAM	1	25	/	/	20.52	0.113	/	/
10	64QAM	1	49	/	/	20.50	0.112	/	/
10	64QAM	25	0	/	/	19.35	0.086	/	/
10	64QAM	25	12	/	/	19.14	0.082	/	/
10	64QAM	25	25	/	/	19.06	0.081	/	/
10	64QAM	50	0	/	/	18.94	0.078	/	/



LTE Band30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.08	0.203	23.21	0.209	23.16	0.207
5	QPSK	1	12	23.04	0.201	23.23	0.210	23.19	0.208
5	QPSK	1	24	22.94	0.197	22.76	0.189	22.98	0.199
5	QPSK	12	0	22.42	0.175	22.29	0.169	22.28	0.169
5	QPSK	12	7	22.35	0.172	22.26	0.168	22.13	0.163
5	QPSK	12	13	22.10	0.162	22.10	0.162	22.16	0.164
5	QPSK	25	0	21.91	0.155	21.97	0.157	21.85	0.153
5	16QAM	1	0	21.83	0.152	21.73	0.149	21.72	0.149
5	16QAM	1	12	21.71	0.148	21.66	0.147	21.56	0.143
5	16QAM	1	24	21.81	0.152	21.59	0.144	21.50	0.141
5	16QAM	12	0	21.43	0.139	21.44	0.139	21.28	0.134
5	16QAM	12	7	21.28	0.134	21.19	0.132	21.14	0.130
5	16QAM	12	13	21.21	0.132	21.17	0.131	21.12	0.129
5	16QAM	25	0	21.07	0.128	21.17	0.131	21.04	0.127
5	64QAM	1	0	20.69	0.117	20.58	0.114	20.52	0.113
5	64QAM	1	12	20.70	0.117	20.56	0.114	20.62	0.115
5	64QAM	1	24	20.59	0.115	20.46	0.111	20.53	0.113
5	64QAM	12	0	19.38	0.087	19.43	0.088	19.19	0.083
5	64QAM	12	7	19.26	0.084	19.16	0.082	19.13	0.082
5	64QAM	12	13	19.07	0.081	18.98	0.079	18.98	0.079
5	64QAM	25	0	18.92	0.078	19.02	0.080	18.71	0.074



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	28.47	0.703	28.62	0.728	28.38	0.689
20	QPSK	1	49	28.46	0.701	28.50	0.708	28.50	0.708
20	QPSK	1	99	28.33	0.681	28.34	0.682	28.34	0.682
20	QPSK	50	0	27.07	0.509	27.33	0.541	27.03	0.505
20	QPSK	50	24	27.18	0.522	27.11	0.514	27.11	0.514
20	QPSK	50	50	27.11	0.514	27.07	0.509	27.07	0.509
20	QPSK	100	0	27.24	0.530	27.32	0.540	27.23	0.528
20	16QAM	1	0	26.97	0.498	27.10	0.513	27.10	0.513
20	16QAM	1	49	27.05	0.507	26.81	0.480	26.86	0.485
20	16QAM	1	99	26.89	0.489	27.14	0.518	27.14	0.518
20	16QAM	50	0	26.60	0.457	26.49	0.446	26.49	0.446
20	16QAM	50	24	26.82	0.481	26.59	0.456	26.59	0.456
20	16QAM	50	50	26.61	0.458	26.44	0.441	26.44	0.441
20	16QAM	100	0	26.41	0.438	26.32	0.429	26.32	0.429
20	64QAM	1	0	26.12	0.409	26.13	0.410	26.13	0.410
20	64QAM	1	49	26.25	0.422	26.13	0.410	26.13	0.410
20	64QAM	1	99	26.28	0.425	26.11	0.408	26.11	0.408
20	64QAM	50	0	25.26	0.336	25.17	0.329	25.17	0.329
20	64QAM	50	24	25.32	0.340	25.19	0.330	25.19	0.330
20	64QAM	50	50	25.06	0.321	25.03	0.318	25.03	0.318
20	64QAM	100	0	25.00	0.316	25.19	0.330	25.19	0.330



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	28.39	0.690	28.54	0.714	28.30	0.676
15	QPSK	1	37	28.38	0.689	28.42	0.695	28.42	0.695
15	QPSK	1	74	28.25	0.668	28.26	0.670	28.26	0.670
15	QPSK	36	0	26.99	0.500	26.95	0.495	26.95	0.495
15	QPSK	36	20	27.10	0.513	27.03	0.505	27.03	0.505
15	QPSK	36	39	27.03	0.505	26.99	0.500	26.99	0.500
15	QPSK	75	0	27.16	0.520	27.15	0.519	27.15	0.519
15	16QAM	1	0	26.89	0.489	27.02	0.504	27.02	0.504
15	16QAM	1	37	26.97	0.498	26.81	0.480	26.81	0.480
15	16QAM	1	74	26.81	0.480	27.06	0.508	27.06	0.508
15	16QAM	36	0	26.52	0.449	26.41	0.438	26.41	0.438
15	16QAM	36	20	26.74	0.472	26.51	0.448	26.51	0.448
15	16QAM	36	39	26.53	0.450	26.36	0.433	26.36	0.433
15	16QAM	75	0	26.33	0.430	26.24	0.421	26.24	0.421
15	64QAM	1	0	26.04	0.402	26.05	0.403	26.05	0.403
15	64QAM	1	37	26.17	0.414	26.05	0.403	26.05	0.403
15	64QAM	1	74	26.20	0.417	26.03	0.401	26.03	0.401
15	64QAM	36	0	25.18	0.330	25.09	0.323	25.09	0.323
15	64QAM	36	20	25.24	0.334	25.11	0.324	25.11	0.324
15	64QAM	36	39	24.98	0.315	24.95	0.313	24.95	0.313
15	64QAM	75	0	24.92	0.310	25.11	0.324	25.11	0.324



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	28.31	0.678	28.46	0.701	28.22	0.664
10	QPSK	1	25	28.30	0.676	28.34	0.682	28.34	0.682
10	QPSK	1	49	28.17	0.656	28.18	0.658	28.18	0.658
10	QPSK	25	0	26.91	0.491	26.87	0.486	26.87	0.486
10	QPSK	25	12	27.02	0.504	26.95	0.495	26.95	0.495
10	QPSK	25	25	26.95	0.495	26.91	0.491	26.91	0.491
10	QPSK	50	0	27.08	0.511	27.07	0.509	27.07	0.509
10	16QAM	1	0	26.81	0.480	26.94	0.494	26.94	0.494
10	16QAM	1	25	26.97	0.498	26.81	0.480	26.81	0.480
10	16QAM	1	49	26.81	0.480	27.06	0.508	27.06	0.508
10	16QAM	25	0	26.44	0.441	26.33	0.430	26.33	0.430
10	16QAM	25	12	26.66	0.463	26.43	0.440	26.43	0.440
10	16QAM	25	25	26.45	0.442	26.28	0.425	26.28	0.425
10	16QAM	50	0	26.25	0.422	26.16	0.413	26.16	0.413
10	64QAM	1	0	25.96	0.394	25.97	0.395	25.97	0.395
10	64QAM	1	25	26.09	0.406	25.97	0.395	25.97	0.395
10	64QAM	1	49	26.12	0.409	25.95	0.394	25.95	0.394
10	64QAM	25	0	25.10	0.324	25.01	0.317	25.01	0.317
10	64QAM	25	12	25.16	0.328	25.03	0.318	25.03	0.318
10	64QAM	25	25	24.90	0.309	24.87	0.307	24.87	0.307
10	64QAM	50	0	24.84	0.305	25.03	0.318	25.03	0.318



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	28.26	0.670	28.41	0.693	28.17	0.656
5	QPSK	1	12	28.25	0.668	28.29	0.675	28.29	0.675
5	QPSK	1	24	28.12	0.649	28.13	0.650	28.13	0.650
5	QPSK	12	0	26.86	0.485	26.82	0.481	26.82	0.481
5	QPSK	12	7	26.97	0.498	26.90	0.490	26.90	0.490
5	QPSK	12	13	26.90	0.490	26.86	0.485	26.86	0.485
5	QPSK	25	0	27.03	0.505	27.02	0.504	27.02	0.504
5	16QAM	1	0	26.82	0.481	26.95	0.495	26.95	0.495
5	16QAM	1	12	26.98	0.499	26.82	0.481	26.82	0.481
5	16QAM	1	24	26.82	0.481	27.01	0.502	27.01	0.502
5	16QAM	12	0	26.39	0.436	26.28	0.425	26.28	0.425
5	16QAM	12	7	26.61	0.458	26.38	0.435	26.38	0.435
5	16QAM	12	13	26.40	0.437	26.23	0.420	26.23	0.420
5	16QAM	25	0	26.20	0.417	26.11	0.408	26.11	0.408
5	64QAM	1	0	25.91	0.390	25.92	0.391	25.92	0.391
5	64QAM	1	12	26.04	0.402	25.92	0.391	25.92	0.391
5	64QAM	1	24	26.07	0.405	25.90	0.389	25.90	0.389
5	64QAM	12	0	25.05	0.320	24.96	0.313	24.96	0.313
5	64QAM	12	7	25.11	0.324	24.98	0.315	24.98	0.315
5	64QAM	12	13	24.85	0.305	24.82	0.303	24.82	0.303
5	64QAM	25	0	24.85	0.305	24.98	0.315	24.98	0.315



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.31	0.428	26.47	0.444	26.25	0.422
20	QPSK	1	49	26.34	0.431	26.38	0.435	26.38	0.435
20	QPSK	1	99	26.21	0.418	26.22	0.419	26.22	0.419
20	QPSK	50	0	25.58	0.361	25.83	0.383	25.54	0.358
20	QPSK	50	24	25.69	0.371	25.62	0.365	25.62	0.365
20	QPSK	50	50	25.62	0.365	25.58	0.361	25.58	0.361
20	QPSK	100	0	25.75	0.376	25.80	0.380	25.74	0.375
20	16QAM	1	0	25.48	0.353	25.61	0.364	25.61	0.364
20	16QAM	1	49	25.56	0.360	25.31	0.340	25.31	0.340
20	16QAM	1	99	25.40	0.347	25.65	0.367	25.65	0.367
20	16QAM	50	0	25.11	0.324	25.00	0.316	25.00	0.316
20	16QAM	50	24	25.33	0.341	25.10	0.324	25.10	0.324
20	16QAM	50	50	25.12	0.325	24.95	0.313	24.95	0.313
20	16QAM	100	0	24.92	0.310	24.83	0.304	24.83	0.304
20	64QAM	1	0	24.63	0.290	24.64	0.291	24.64	0.291
20	64QAM	1	49	24.76	0.299	24.64	0.291	24.64	0.291
20	64QAM	1	99	24.79	0.301	24.62	0.290	24.62	0.290
20	64QAM	50	0	23.77	0.238	23.68	0.233	23.68	0.233
20	64QAM	50	24	23.83	0.242	23.70	0.234	23.70	0.234
20	64QAM	50	50	23.57	0.228	23.54	0.226	23.54	0.226
20	64QAM	100	0	23.51	0.224	23.70	0.234	23.70	0.234



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.23	0.420	26.39	0.436	26.17	0.414
15	QPSK	1	37	26.26	0.423	26.30	0.427	26.30	0.427
15	QPSK	1	74	26.13	0.410	26.14	0.411	26.14	0.411
15	QPSK	36	0	25.50	0.355	25.46	0.352	25.46	0.352
15	QPSK	36	20	25.61	0.364	25.54	0.358	25.54	0.358
15	QPSK	36	39	25.54	0.358	25.50	0.355	25.50	0.355
15	QPSK	75	0	25.67	0.369	25.66	0.368	25.66	0.368
15	16QAM	1	0	25.40	0.347	25.53	0.357	25.53	0.357
15	16QAM	1	37	25.48	0.353	25.23	0.333	25.23	0.333
15	16QAM	1	74	25.32	0.340	25.57	0.361	25.57	0.361
15	16QAM	36	0	25.03	0.318	24.92	0.310	24.92	0.310
15	16QAM	36	20	25.25	0.335	25.02	0.318	25.02	0.318
15	16QAM	36	39	25.04	0.319	24.87	0.307	24.87	0.307
15	16QAM	75	0	24.84	0.305	24.75	0.299	24.75	0.299
15	64QAM	1	0	24.55	0.285	24.56	0.286	24.56	0.286
15	64QAM	1	37	24.68	0.294	24.56	0.286	24.56	0.286
15	64QAM	1	74	24.71	0.296	24.54	0.284	24.54	0.284
15	64QAM	36	0	23.69	0.234	23.60	0.229	23.60	0.229
15	64QAM	36	20	23.75	0.237	23.62	0.230	23.62	0.230
15	64QAM	36	39	23.49	0.223	23.46	0.222	23.46	0.222
15	64QAM	75	0	23.43	0.220	23.62	0.230	23.62	0.230



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.15	0.412	26.31	0.428	26.09	0.406
10	QPSK	1	25	26.18	0.415	26.22	0.419	26.22	0.419
10	QPSK	1	49	26.05	0.403	26.06	0.404	26.06	0.404
10	QPSK	25	0	25.42	0.348	25.38	0.345	25.38	0.345
10	QPSK	25	12	25.53	0.357	25.46	0.352	25.46	0.352
10	QPSK	25	25	25.46	0.352	25.42	0.348	25.42	0.348
10	QPSK	50	0	25.59	0.362	25.58	0.361	25.58	0.361
10	16QAM	1	0	25.32	0.340	25.45	0.351	25.45	0.351
10	16QAM	1	25	25.40	0.347	25.15	0.327	25.15	0.327
10	16QAM	1	49	25.24	0.334	25.49	0.354	25.49	0.354
10	16QAM	25	0	24.95	0.313	24.84	0.305	24.84	0.305
10	16QAM	25	12	25.17	0.329	24.94	0.312	24.94	0.312
10	16QAM	25	25	24.96	0.313	24.79	0.301	24.79	0.301
10	16QAM	50	0	24.76	0.299	24.67	0.293	24.67	0.293
10	64QAM	1	0	24.47	0.280	24.48	0.281	24.48	0.281
10	64QAM	1	25	24.60	0.288	24.48	0.281	24.48	0.281
10	64QAM	1	49	24.63	0.290	24.46	0.279	24.46	0.279
10	64QAM	25	0	23.61	0.230	23.52	0.225	23.52	0.225
10	64QAM	25	12	23.67	0.233	23.54	0.226	23.54	0.226
10	64QAM	25	25	23.41	0.219	23.38	0.218	23.38	0.218
10	64QAM	50	0	23.35	0.216	23.54	0.226	23.54	0.226



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.10	0.407	26.26	0.423	26.04	0.402
5	QPSK	1	12	26.13	0.410	26.17	0.414	26.17	0.414
5	QPSK	1	24	26.00	0.398	26.01	0.399	26.01	0.399
5	QPSK	12	0	25.37	0.344	25.33	0.341	25.33	0.341
5	QPSK	12	7	25.48	0.353	25.41	0.348	25.41	0.348
5	QPSK	12	13	25.41	0.348	25.37	0.344	25.37	0.344
5	QPSK	25	0	25.54	0.358	25.53	0.357	25.53	0.357
5	16QAM	1	0	25.27	0.337	25.40	0.347	25.40	0.347
5	16QAM	1	12	25.35	0.343	25.10	0.324	25.10	0.324
5	16QAM	1	24	25.19	0.330	25.44	0.350	25.44	0.350
5	16QAM	12	0	24.90	0.309	24.79	0.301	24.79	0.301
5	16QAM	12	7	25.12	0.325	24.89	0.308	24.89	0.308
5	16QAM	12	13	24.91	0.310	24.74	0.298	24.74	0.298
5	16QAM	25	0	24.71	0.296	24.62	0.290	24.62	0.290
5	64QAM	1	0	24.42	0.277	24.43	0.277	24.43	0.277
5	64QAM	1	12	24.55	0.285	24.43	0.277	24.43	0.277
5	64QAM	1	24	24.58	0.287	24.41	0.276	24.41	0.276
5	64QAM	12	0	23.56	0.227	23.47	0.222	23.47	0.222
5	64QAM	12	7	23.62	0.230	23.49	0.223	23.49	0.223
5	64QAM	12	13	23.36	0.217	23.33	0.215	23.33	0.215
5	64QAM	25	0	23.30	0.214	23.49	0.223	23.49	0.223



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	22.78	0.190	22.89	0.195	22.77	0.189
20	QPSK	1	49	22.72	0.187	22.78	0.190	22.77	0.189
20	QPSK	1	99	22.45	0.176	22.49	0.177	22.47	0.177
20	QPSK	50	0	21.66	0.147	21.73	0.149	21.71	0.148
20	QPSK	50	24	21.61	0.145	21.66	0.147	21.57	0.144
20	QPSK	50	50	21.50	0.141	21.57	0.144	21.55	0.143
20	QPSK	100	0	21.29	0.135	21.40	0.138	21.33	0.136
20	16QAM	1	0	22.12	0.163	22.14	0.164	22.11	0.163
20	16QAM	1	49	22.01	0.159	22.09	0.162	22.00	0.158
20	16QAM	1	99	21.99	0.158	22.02	0.159	21.95	0.157
20	16QAM	50	0	20.50	0.112	20.56	0.114	20.45	0.111
20	16QAM	50	24	20.29	0.107	20.43	0.110	20.25	0.106
20	16QAM	50	50	20.14	0.103	20.25	0.106	20.13	0.103
20	16QAM	100	0	19.92	0.098	20.10	0.102	20.06	0.101
20	64QAM	1	0	20.64	0.116	20.66	0.116	20.59	0.115
20	64QAM	1	49	20.56	0.114	20.59	0.115	20.56	0.114
20	64QAM	1	99	20.56	0.114	20.56	0.114	20.44	0.111
20	64QAM	50	0	19.35	0.086	19.44	0.088	19.29	0.085
20	64QAM	50	24	19.22	0.084	19.28	0.085	19.25	0.084
20	64QAM	50	50	19.01	0.080	19.15	0.082	18.97	0.079
20	64QAM	100	0	18.94	0.078	18.99	0.079	18.92	0.078



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	22.75	0.188	22.80	0.191	22.76	0.189
15	QPSK	1	37	22.64	0.184	22.71	0.187	22.68	0.185
15	QPSK	1	74	22.42	0.175	22.43	0.175	22.43	0.175
15	QPSK	36	0	21.59	0.144	21.69	0.148	21.68	0.147
15	QPSK	36	20	21.77	0.150	21.76	0.150	21.67	0.147
15	QPSK	36	39	21.65	0.146	21.65	0.146	21.71	0.148
15	QPSK	75	0	21.65	0.146	21.77	0.150	21.64	0.146
15	16QAM	1	0	21.99	0.158	22.01	0.159	22.07	0.161
15	16QAM	1	37	21.98	0.158	22.01	0.159	21.91	0.155
15	16QAM	1	74	21.94	0.156	21.96	0.157	21.87	0.154
15	16QAM	36	0	20.49	0.112	20.52	0.113	20.36	0.109
15	16QAM	36	20	20.19	0.104	20.30	0.107	20.13	0.103
15	16QAM	36	39	20.05	0.101	20.22	0.105	20.11	0.103
15	16QAM	75	0	19.82	0.096	20.00	0.100	20.04	0.101
15	64QAM	1	0	20.54	0.113	20.61	0.115	20.54	0.113
15	64QAM	1	37	20.45	0.111	20.53	0.113	20.55	0.114
15	64QAM	1	74	20.43	0.110	20.47	0.111	20.39	0.109
15	64QAM	36	0	19.22	0.084	19.32	0.086	19.26	0.084
15	64QAM	36	20	19.12	0.082	19.25	0.084	19.22	0.084
15	64QAM	36	39	18.88	0.077	19.03	0.080	18.91	0.078
15	64QAM	75	0	18.82	0.076	18.91	0.078	18.89	0.077



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	22.76	0.189	22.82	0.191	22.64	0.184
10	QPSK	1	25	22.70	0.186	22.77	0.189	22.70	0.186
10	QPSK	1	49	22.43	0.175	22.43	0.175	22.42	0.175
10	QPSK	25	0	21.59	0.144	21.70	0.148	21.59	0.144
10	QPSK	25	12	21.71	0.148	21.76	0.150	21.68	0.147
10	QPSK	25	25	21.60	0.145	21.70	0.148	21.67	0.147
10	QPSK	50	0	21.39	0.138	21.48	0.141	21.43	0.139
10	16QAM	1	0	22.04	0.160	22.07	0.161	22.08	0.161
10	16QAM	1	25	21.93	0.156	21.99	0.158	21.96	0.157
10	16QAM	1	49	21.93	0.156	21.91	0.155	21.87	0.154
10	16QAM	25	0	20.39	0.109	20.45	0.111	20.40	0.110
10	16QAM	25	12	20.28	0.107	20.30	0.107	20.12	0.103
10	16QAM	25	25	20.03	0.101	20.20	0.105	20.03	0.101
10	16QAM	50	0	19.87	0.097	20.08	0.102	19.93	0.098
10	64QAM	1	0	20.53	0.113	20.62	0.115	20.46	0.111
10	64QAM	1	25	20.45	0.111	20.47	0.111	20.52	0.113
10	64QAM	1	49	20.48	0.112	20.47	0.111	20.37	0.109
10	64QAM	25	0	19.33	0.086	19.34	0.086	19.27	0.085
10	64QAM	25	12	19.10	0.081	19.23	0.084	19.22	0.084
10	64QAM	25	25	18.89	0.077	19.05	0.080	18.92	0.078
10	64QAM	50	0	18.86	0.077	18.96	0.079	18.81	0.076



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	22.69	0.186	22.78	0.190	22.66	0.185
5	QPSK	1	12	22.62	0.183	22.65	0.184	22.64	0.184
5	QPSK	1	24	22.42	0.175	22.38	0.173	22.37	0.173
5	QPSK	12	0	21.22	0.132	21.32	0.136	21.29	0.135
5	QPSK	12	7	21.21	0.132	21.29	0.135	21.17	0.131
5	QPSK	12	13	21.06	0.128	21.16	0.131	21.19	0.132
5	QPSK	25	0	20.82	0.121	20.97	0.125	20.88	0.122
5	16QAM	1	0	21.75	0.150	21.71	0.148	21.69	0.148
5	16QAM	1	12	21.61	0.145	21.73	0.149	21.59	0.144
5	16QAM	1	24	21.57	0.144	21.66	0.147	21.51	0.142
5	16QAM	12	0	20.43	0.110	20.44	0.111	20.32	0.108
5	16QAM	12	7	20.22	0.105	20.39	0.109	20.12	0.103
5	16QAM	12	13	20.08	0.102	20.14	0.103	20.01	0.100
5	16QAM	25	0	19.85	0.097	20.01	0.100	20.03	0.101
5	64QAM	1	0	20.57	0.114	20.54	0.113	20.49	0.112
5	64QAM	1	12	20.51	0.112	20.54	0.113	20.52	0.113
5	64QAM	1	24	20.54	0.113	20.43	0.110	20.32	0.108
5	64QAM	12	0	19.26	0.084	19.27	0.085	19.17	0.083
5	64QAM	12	7	19.16	0.082	19.24	0.084	19.13	0.082
5	64QAM	12	13	18.98	0.079	19.09	0.081	18.84	0.077
5	64QAM	25	0	18.84	0.077	18.88	0.077	18.87	0.077



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	22.71	0.187	22.78	0.190	22.76	0.189
3	QPSK	1	8	22.68	0.185	22.74	0.188	22.64	0.184
3	QPSK	1	14	22.42	0.175	22.37	0.173	22.34	0.171
3	QPSK	8	0	21.18	0.131	21.28	0.134	21.31	0.135
3	QPSK	8	4	21.16	0.131	21.25	0.133	21.10	0.129
3	QPSK	8	7	21.04	0.127	21.14	0.130	21.11	0.129
3	QPSK	15	0	20.90	0.123	21.02	0.126	20.96	0.125
3	16QAM	1	0	21.68	0.147	21.74	0.149	21.71	0.148
3	16QAM	1	8	21.59	0.144	21.65	0.146	21.61	0.145
3	16QAM	1	14	21.59	0.144	21.58	0.144	21.56	0.143
3	16QAM	8	0	20.49	0.112	20.50	0.112	20.36	0.109
3	16QAM	8	4	20.20	0.105	20.33	0.108	20.12	0.103
3	16QAM	8	7	20.01	0.100	20.21	0.105	20.02	0.100
3	16QAM	15	0	19.88	0.097	20.06	0.101	20.01	0.100
3	64QAM	1	0	20.53	0.113	20.54	0.113	20.51	0.112
3	64QAM	1	8	20.54	0.113	20.50	0.112	20.50	0.112
3	64QAM	1	14	20.54	0.113	20.53	0.113	20.31	0.107
3	64QAM	8	0	19.32	0.086	19.37	0.086	19.16	0.082
3	64QAM	8	4	19.10	0.081	19.25	0.084	19.19	0.083
3	64QAM	8	7	18.89	0.077	19.07	0.081	18.93	0.078
3	64QAM	15	0	18.91	0.078	18.98	0.079	18.79	0.076



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	22.66	0.185	22.73	0.187	22.71	0.187
1.4	QPSK	1	3	22.63	0.183	22.69	0.186	22.59	0.182
1.4	QPSK	1	5	22.37	0.173	22.32	0.171	22.29	0.169
1.4	QPSK	3	0	22.64	0.184	22.74	0.188	22.77	0.189
1.4	QPSK	3	1	22.62	0.183	22.71	0.187	22.56	0.180
1.4	QPSK	3	3	22.50	0.178	22.60	0.182	22.57	0.181
1.4	QPSK	6	0	20.85	0.122	20.97	0.125	20.91	0.123
1.4	16QAM	1	0	21.63	0.146	21.69	0.148	21.66	0.147
1.4	16QAM	1	3	21.54	0.143	21.60	0.145	21.56	0.143
1.4	16QAM	1	5	21.54	0.143	21.53	0.142	21.51	0.142
1.4	16QAM	3	0	21.44	0.139	21.45	0.140	21.31	0.135
1.4	16QAM	3	1	21.15	0.130	21.28	0.134	21.07	0.128
1.4	16QAM	3	3	20.96	0.125	21.16	0.131	20.97	0.125
1.4	16QAM	6	0	19.83	0.096	20.01	0.100	19.96	0.099
1.4	64QAM	1	0	20.48	0.112	20.49	0.112	20.46	0.111
1.4	64QAM	1	3	20.49	0.112	20.45	0.111	20.45	0.111
1.4	64QAM	1	5	20.49	0.112	20.48	0.112	20.26	0.106
1.4	64QAM	3	0	20.27	0.106	20.32	0.108	20.11	0.103
1.4	64QAM	3	1	20.05	0.101	20.20	0.105	20.14	0.103
1.4	64QAM	3	3	19.84	0.096	20.02	0.100	19.88	0.097
1.4	64QAM	6	0	18.86	0.077	18.93	0.078	18.74	0.075



LTE Band71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	16.27	0.042	16.38	0.043	16.26	0.042
20	QPSK	1	49	16.21	0.042	16.27	0.042	16.26	0.042
20	QPSK	1	99	15.94	0.039	15.98	0.040	15.96	0.039
20	QPSK	50	0	15.66	0.037	15.73	0.037	15.71	0.037
20	QPSK	50	24	15.61	0.036	15.66	0.037	15.57	0.036
20	QPSK	50	50	15.50	0.035	15.57	0.036	15.55	0.036
20	QPSK	100	0	15.48	0.035	15.59	0.036	15.52	0.036
20	16QAM	1	0	16.12	0.041	16.14	0.041	16.11	0.041
20	16QAM	1	49	16.01	0.040	16.09	0.041	16.00	0.040
20	16QAM	1	99	15.99	0.040	16.02	0.040	15.95	0.039
20	16QAM	50	0	14.50	0.028	14.56	0.029	14.45	0.028
20	16QAM	50	24	14.29	0.027	14.43	0.028	14.25	0.027
20	16QAM	50	50	14.14	0.026	14.25	0.027	14.13	0.026
20	16QAM	100	0	13.92	0.025	14.10	0.026	14.06	0.025
20	64QAM	1	0	14.64	0.029	14.66	0.029	14.59	0.029
20	64QAM	1	49	14.56	0.029	14.59	0.029	14.56	0.029
20	64QAM	1	99	14.56	0.029	14.56	0.029	14.44	0.028
20	64QAM	50	0	13.35	0.022	13.44	0.022	13.29	0.021
20	64QAM	50	24	13.22	0.021	13.28	0.021	13.25	0.021
20	64QAM	50	50	13.01	0.020	13.15	0.021	12.97	0.020
20	64QAM	100	0	12.94	0.020	12.99	0.020	12.92	0.020



LTE Band71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.17	0.041	16.31	0.043	16.25	0.042
15	QPSK	1	37	16.20	0.042	16.17	0.041	16.25	0.042
15	QPSK	1	74	15.88	0.039	15.94	0.039	15.90	0.039
15	QPSK	36	0	15.62	0.036	15.63	0.037	15.58	0.036
15	QPSK	36	20	15.58	0.036	15.63	0.037	15.49	0.035
15	QPSK	36	39	15.62	0.036	15.67	0.037	15.66	0.037
15	QPSK	75	0	15.42	0.035	15.51	0.036	15.43	0.035
15	16QAM	1	0	15.99	0.040	16.06	0.040	16.08	0.041
15	16QAM	1	37	15.90	0.039	16.05	0.040	15.96	0.039
15	16QAM	1	74	15.93	0.039	15.90	0.039	15.82	0.038
15	16QAM	36	0	14.49	0.028	14.44	0.028	14.32	0.027
15	16QAM	36	20	14.25	0.027	14.37	0.027	14.17	0.026
15	16QAM	36	39	14.08	0.026	14.13	0.026	14.07	0.026
15	16QAM	75	0	13.87	0.024	13.99	0.025	13.93	0.025
15	64QAM	1	0	14.56	0.029	14.60	0.029	14.51	0.028
15	64QAM	1	37	14.51	0.028	14.46	0.028	14.50	0.028
15	64QAM	1	74	14.55	0.029	14.47	0.028	14.31	0.027
15	64QAM	36	0	13.28	0.021	13.36	0.022	13.21	0.021
15	64QAM	36	20	13.14	0.021	13.22	0.021	13.14	0.021
15	64QAM	36	39	12.93	0.020	13.13	0.021	12.90	0.019
15	64QAM	75	0	12.84	0.019	12.90	0.019	12.82	0.019



LTE Band71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.18	0.041	16.32	0.043	16.17	0.041
10	QPSK	1	25	16.14	0.041	16.16	0.041	16.21	0.042
10	QPSK	1	49	15.92	0.039	15.93	0.039	15.93	0.039
10	QPSK	25	0	15.65	0.037	15.67	0.037	15.67	0.037
10	QPSK	25	12	15.56	0.036	15.62	0.036	15.53	0.036
10	QPSK	25	25	15.64	0.037	15.67	0.037	15.65	0.037
10	QPSK	50	0	15.36	0.034	15.58	0.036	15.41	0.035
10	16QAM	1	0	16.07	0.040	16.13	0.041	16.00	0.040
10	16QAM	1	25	15.92	0.039	15.97	0.040	15.96	0.039
10	16QAM	1	49	15.88	0.039	15.93	0.039	15.89	0.039
10	16QAM	25	0	14.39	0.027	14.40	0.028	14.34	0.027
10	16QAM	25	12	14.21	0.026	14.39	0.027	14.20	0.026
10	16QAM	25	25	14.02	0.025	14.20	0.026	14.02	0.025
10	16QAM	50	0	13.88	0.024	13.97	0.025	13.98	0.025
10	64QAM	1	0	14.62	0.029	14.56	0.029	14.50	0.028
10	64QAM	1	25	14.48	0.028	14.56	0.029	14.47	0.028
10	64QAM	1	49	14.54	0.028	14.43	0.028	14.32	0.027
10	64QAM	25	0	13.29	0.021	13.30	0.021	13.20	0.021
10	64QAM	25	12	13.17	0.021	13.25	0.021	13.13	0.021
10	64QAM	25	25	12.99	0.020	13.10	0.020	12.84	0.019
10	64QAM	50	0	12.85	0.019	12.90	0.019	12.84	0.019



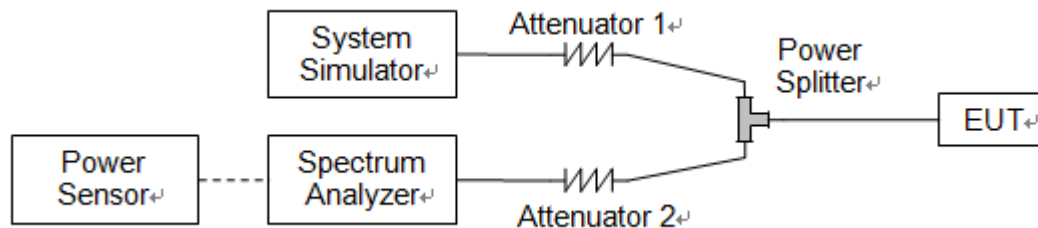
LTE Band71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.21	0.042	16.27	0.042	16.18	0.041
5	QPSK	1	12	16.17	0.041	16.19	0.042	16.23	0.042
5	QPSK	1	24	15.82	0.038	15.94	0.039	15.83	0.038
5	QPSK	12	0	15.54	0.036	15.61	0.036	15.70	0.037
5	QPSK	12	7	15.49	0.035	15.62	0.036	15.50	0.035
5	QPSK	12	13	15.62	0.036	15.73	0.037	15.66	0.037
5	QPSK	25	0	15.37	0.034	15.56	0.036	15.44	0.035
5	16QAM	1	0	16.02	0.040	16.03	0.040	16.07	0.040
5	16QAM	1	12	15.94	0.039	16.08	0.041	15.90	0.039
5	16QAM	1	24	15.90	0.039	15.95	0.039	15.89	0.039
5	16QAM	12	0	14.40	0.028	14.43	0.028	14.40	0.028
5	16QAM	12	7	14.20	0.026	14.35	0.027	14.12	0.026
5	16QAM	12	13	14.01	0.025	14.20	0.026	14.02	0.025
5	16QAM	25	0	13.83	0.024	13.97	0.025	14.04	0.025
5	64QAM	1	0	14.61	0.029	14.59	0.029	14.51	0.028
5	64QAM	1	12	14.48	0.028	14.49	0.028	14.44	0.028
5	64QAM	1	24	14.43	0.028	14.44	0.028	14.36	0.027
5	64QAM	12	0	13.22	0.021	13.32	0.021	13.22	0.021
5	64QAM	12	7	13.21	0.021	13.22	0.021	13.14	0.021
5	64QAM	12	13	12.88	0.019	13.12	0.021	12.95	0.020
5	64QAM	25	0	12.87	0.019	12.98	0.020	12.87	0.019

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	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.10	1.29	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.10	1.30	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.10	1.31	PASS
B2	1.4	Mid	18900	1880	QPSK	1.10	1.29	PASS
B2	1.4	Mid	18900	1880	16QAM	1.10	1.30	PASS
B2	1.4	Mid	18900	1880	64QAM	1.10	1.29	PASS
B2	1.4	High	19193	1909.3	QPSK	1.10	1.31	PASS
B2	1.4	High	19193	1909.3	16QAM	1.10	1.30	PASS
B2	1.4	High	19193	1909.3	64QAM	1.10	1.29	PASS
B2	3	Low	18615	1851.5	QPSK	2.70	2.98	PASS
B2	3	Low	18615	1851.5	16QAM	2.70	3.01	PASS
B2	3	Low	18615	1851.5	64QAM	2.71	2.99	PASS
B2	3	Mid	18900	1880	QPSK	2.71	2.96	PASS
B2	3	Mid	18900	1880	16QAM	2.70	2.99	PASS
B2	3	Mid	18900	1880	64QAM	2.70	2.97	PASS
B2	3	High	19185	1908.5	QPSK	2.70	2.99	PASS
B2	3	High	19185	1908.5	16QAM	2.70	2.97	PASS
B2	3	High	19185	1908.5	64QAM	2.70	2.98	PASS
B2	5	Low	18625	1852.5	QPSK	4.51	5.01	PASS
B2	5	Low	18625	1852.5	16QAM	4.50	4.98	PASS
B2	5	Low	18625	1852.5	64QAM	4.51	5.00	PASS
B2	5	Mid	18900	1880	QPSK	4.50	5.03	PASS
B2	5	Mid	18900	1880	16QAM	4.50	5.03	PASS
B2	5	Mid	18900	1880	64QAM	4.51	5.00	PASS
B2	5	High	19175	1907.5	QPSK	4.50	5.00	PASS
B2	5	High	19175	1907.5	16QAM	4.50	4.93	PASS
B2	5	High	19175	1907.5	64QAM	4.50	5.02	PASS
B2	10	Low	18650	1855	QPSK	8.97	9.85	PASS
B2	10	Low	18650	1855	16QAM	8.95	9.79	PASS
B2	10	Low	18650	1855	64QAM	8.97	9.85	PASS
B2	10	Mid	18900	1880	QPSK	8.98	9.87	PASS
B2	10	Mid	18900	1880	16QAM	8.97	9.87	PASS
B2	10	Mid	18900	1880	64QAM	8.96	9.83	PASS
B2	10	High	19150	1905	QPSK	8.97	9.86	PASS
B2	10	High	19150	1905	16QAM	8.94	9.75	PASS



REPORT No.: SZ23040082W02

B2	10	High	19150	1905	64QAM	8.97	9.82	PASS
B2	15	Low	18675	1857.5	QPSK	13.49	14.62	PASS
B2	15	Low	18675	1857.5	16QAM	13.43	14.52	PASS
B2	15	Low	18675	1857.5	64QAM	13.43	14.70	PASS
B2	15	Mid	18900	1880	QPSK	13.46	14.68	PASS
B2	15	Mid	18900	1880	16QAM	13.46	14.76	PASS
B2	15	Mid	18900	1880	64QAM	13.44	14.73	PASS
B2	15	High	19125	1902.5	QPSK	13.43	14.65	PASS
B2	15	High	19125	1902.5	16QAM	13.44	14.71	PASS
B2	15	High	19125	1902.5	64QAM	13.43	14.74	PASS
B2	20	Low	18700	1860	QPSK	17.96	19.45	PASS
B2	20	Low	18700	1860	16QAM	17.98	19.43	PASS
B2	20	Low	18700	1860	64QAM	17.98	19.59	PASS
B2	20	Mid	18900	1880	QPSK	17.92	19.45	PASS
B2	20	Mid	18900	1880	16QAM	17.95	19.42	PASS
B2	20	Mid	18900	1880	64QAM	17.92	19.47	PASS
B2	20	High	19100	1900	QPSK	17.97	19.44	PASS
B2	20	High	19100	1900	16QAM	18.01	19.45	PASS
B2	20	High	19100	1900	64QAM	17.99	19.56	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.10	1.30	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.10	1.32	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.10	1.28	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.10	1.30	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.10	1.31	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.10	1.28	PASS
B4	1.4	High	20393	1754.3	QPSK	1.10	1.28	PASS
B4	1.4	High	20393	1754.3	16QAM	1.10	1.30	PASS
B4	1.4	High	20393	1754.3	64QAM	1.10	1.28	PASS
B4	3	Low	19965	1711.5	QPSK	2.70	2.98	PASS
B4	3	Low	19965	1711.5	16QAM	2.70	2.99	PASS
B4	3	Low	19965	1711.5	64QAM	2.70	2.98	PASS
B4	3	Mid	20175	1732.5	QPSK	2.70	2.99	PASS
B4	3	Mid	20175	1732.5	16QAM	2.70	2.99	PASS
B4	3	Mid	20175	1732.5	64QAM	2.71	2.98	PASS
B4	3	High	20385	1753.5	QPSK	2.70	2.97	PASS
B4	3	High	20385	1753.5	16QAM	2.70	3.00	PASS
B4	3	High	20385	1753.5	64QAM	2.71	2.97	PASS
B4	5	Low	19975	1712.5	QPSK	4.51	4.98	PASS



REPORT No.: SZ23040082W02

B4	5	Low	19975	1712.5	16QAM	4.51	5.00	PASS
B4	5	Low	19975	1712.5	64QAM	4.51	5.02	PASS
B4	5	Mid	20175	1732.5	QPSK	4.50	5.04	PASS
B4	5	Mid	20175	1732.5	16QAM	4.50	5.01	PASS
B4	5	Mid	20175	1732.5	64QAM	4.50	5.00	PASS
B4	5	High	20375	1752.5	QPSK	4.49	5.02	PASS
B4	5	High	20375	1752.5	16QAM	4.50	5.00	PASS
B4	5	High	20375	1752.5	64QAM	4.52	5.00	PASS
B4	10	Low	20000	1715	QPSK	8.99	9.89	PASS
B4	10	Low	20000	1715	16QAM	8.96	9.82	PASS
B4	10	Low	20000	1715	64QAM	8.98	9.87	PASS
B4	10	Mid	20175	1732.5	QPSK	8.98	9.87	PASS
B4	10	Mid	20175	1732.5	16QAM	8.98	9.81	PASS
B4	10	Mid	20175	1732.5	64QAM	8.99	9.85	PASS
B4	10	High	20350	1750	QPSK	9.00	9.85	PASS
B4	10	High	20350	1750	16QAM	8.96	9.82	PASS
B4	10	High	20350	1750	64QAM	8.97	9.83	PASS
B4	15	Low	20025	1717.5	QPSK	13.44	14.73	PASS
B4	15	Low	20025	1717.5	16QAM	13.46	14.68	PASS
B4	15	Low	20025	1717.5	64QAM	13.43	14.54	PASS
B4	15	Mid	20175	1732.5	QPSK	13.47	14.69	PASS
B4	15	Mid	20175	1732.5	16QAM	13.48	14.76	PASS
B4	15	Mid	20175	1732.5	64QAM	13.46	14.77	PASS
B4	15	High	20325	1747.5	QPSK	13.46	14.68	PASS
B4	15	High	20325	1747.5	16QAM	13.47	14.74	PASS
B4	15	High	20325	1747.5	64QAM	13.44	14.61	PASS
B4	20	Low	20050	1720	QPSK	17.90	19.38	PASS
B4	20	Low	20050	1720	16QAM	17.90	19.50	PASS
B4	20	Low	20050	1720	64QAM	17.92	19.40	PASS
B4	20	Mid	20175	1732.5	QPSK	17.99	19.52	PASS
B4	20	Mid	20175	1732.5	16QAM	17.99	19.47	PASS
B4	20	Mid	20175	1732.5	64QAM	18.00	19.73	PASS
B4	20	High	20300	1745	QPSK	17.96	19.42	PASS
B4	20	High	20300	1745	16QAM	17.96	19.56	PASS
B4	20	High	20300	1745	64QAM	17.94	19.47	PASS
B5	1.4	Low	20407	824.7	QPSK	1.10	1.30	PASS
B5	1.4	Low	20407	824.7	16QAM	1.10	1.28	PASS
B5	1.4	Low	20407	824.7	64QAM	1.10	1.28	PASS



REPORT No.: SZ23040082W02

B5	1.4	Mid	20525	836.5	QPSK	1.10	1.28	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.10	1.28	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.10	1.29	PASS
B5	1.4	High	20643	848.3	QPSK	1.10	1.29	PASS
B5	1.4	High	20643	848.3	16QAM	1.10	1.29	PASS
B5	1.4	High	20643	848.3	64QAM	1.10	1.30	PASS
B5	3	Low	20415	825.5	QPSK	2.71	2.99	PASS
B5	3	Low	20415	825.5	16QAM	2.71	2.99	PASS
B5	3	Low	20415	825.5	64QAM	2.70	2.98	PASS
B5	3	Mid	20525	836.5	QPSK	2.70	2.98	PASS
B5	3	Mid	20525	836.5	16QAM	2.70	2.98	PASS
B5	3	Mid	20525	836.5	64QAM	2.70	2.98	PASS
B5	3	High	20635	847.5	QPSK	2.70	2.98	PASS
B5	3	High	20635	847.5	16QAM	2.70	2.98	PASS
B5	3	High	20635	847.5	64QAM	2.70	2.97	PASS
B5	5	Low	20425	826.5	QPSK	4.51	5.03	PASS
B5	5	Low	20425	826.5	16QAM	4.51	5.02	PASS
B5	5	Low	20425	826.5	64QAM	4.52	5.02	PASS
B5	5	Mid	20525	836.5	QPSK	4.51	5.02	PASS
B5	5	Mid	20525	836.5	16QAM	4.49	4.99	PASS
B5	5	Mid	20525	836.5	64QAM	4.51	5.03	PASS
B5	5	High	20625	846.5	QPSK	4.50	5.02	PASS
B5	5	High	20625	846.5	16QAM	4.50	5.03	PASS
B5	5	High	20625	846.5	64QAM	4.52	4.98	PASS
B5	10	Low	20450	829	QPSK	9.01	9.90	PASS
B5	10	Low	20450	829	16QAM	8.98	9.88	PASS
B5	10	Low	20450	829	64QAM	9.01	9.94	PASS
B5	10	Mid	20525	836.5	QPSK	8.97	9.82	PASS
B5	10	Mid	20525	836.5	16QAM	8.95	9.75	PASS
B5	10	Mid	20525	836.5	64QAM	8.97	9.81	PASS
B5	10	High	20600	844	QPSK	8.97	9.80	PASS
B5	10	High	20600	844	16QAM	8.96	9.83	PASS
B5	10	High	20600	844	64QAM	8.98	9.89	PASS
B12	1.4	Low	23017	699.7	QPSK	1.10	1.27	PASS
B12	1.4	Low	23017	699.7	16QAM	1.10	1.30	PASS
B12	1.4	Low	23017	699.7	64QAM	1.10	1.30	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.10	1.29	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.10	1.28	PASS



REPORT No.: SZ23040082W02

B12	1.4	Mid	23095	707.5	64QAM	1.10	1.28	PASS
B12	1.4	High	23173	715.3	QPSK	1.10	1.28	PASS
B12	1.4	High	23173	715.3	16QAM	1.10	1.29	PASS
B12	1.4	High	23173	715.3	64QAM	1.10	1.27	PASS
B12	3	Low	23025	700.5	QPSK	2.70	2.98	PASS
B12	3	Low	23025	700.5	16QAM	2.70	3.01	PASS
B12	3	Low	23025	700.5	64QAM	2.70	2.99	PASS
B12	3	Mid	23095	707.5	QPSK	2.70	2.99	PASS
B12	3	Mid	23095	707.5	16QAM	2.70	3.01	PASS
B12	3	Mid	23095	707.5	64QAM	2.71	2.99	PASS
B12	3	High	23165	714.5	QPSK	2.70	2.97	PASS
B12	3	High	23165	714.5	16QAM	2.70	2.99	PASS
B12	3	High	23165	714.5	64QAM	2.71	2.96	PASS
B12	5	Low	23035	701.5	QPSK	4.50	5.02	PASS
B12	5	Low	23035	701.5	16QAM	4.50	5.01	PASS
B12	5	Low	23035	701.5	64QAM	4.51	5.01	PASS
B12	5	Mid	23095	707.5	QPSK	4.50	5.04	PASS
B12	5	Mid	23095	707.5	16QAM	4.51	5.02	PASS
B12	5	Mid	23095	707.5	64QAM	4.52	5.03	PASS
B12	5	High	23155	713.5	QPSK	4.51	5.01	PASS
B12	5	High	23155	713.5	16QAM	4.50	4.96	PASS
B12	5	High	23155	713.5	64QAM	4.50	4.99	PASS
B12	10	Low	23060	704	QPSK	8.97	9.87	PASS
B12	10	Low	23060	704	16QAM	8.94	9.81	PASS
B12	10	Low	23060	704	64QAM	8.99	9.84	PASS
B12	10	Mid	23095	707.5	QPSK	9.01	9.87	PASS
B12	10	Mid	23095	707.5	16QAM	8.99	9.81	PASS
B12	10	Mid	23095	707.5	64QAM	9.00	9.92	PASS
B12	10	High	23130	711	QPSK	8.97	9.85	PASS
B12	10	High	23130	711	16QAM	8.95	9.76	PASS
B12	10	High	23130	711	64QAM	8.97	9.86	PASS
B13	5	Low	23205	779.5	QPSK	4.50	5.01	PASS
B13	5	Low	23205	779.5	16QAM	4.50	4.99	PASS
B13	5	Low	23205	779.5	64QAM	4.51	5.00	PASS
B13	5	Mid	23230	782	QPSK	4.50	5.00	PASS
B13	5	Mid	23230	782	16QAM	4.51	5.00	PASS
B13	5	Mid	23230	782	64QAM	4.50	5.02	PASS
B13	5	High	23255	784.5	QPSK	4.50	5.02	PASS



REPORT No.: SZ23040082W02

B13	5	High	23255	784.5	16QAM	4.49	4.98	PASS
B13	5	High	23255	784.5	64QAM	4.51	4.98	PASS
B13	10	Mid	23230	782	QPSK	8.96	9.78	PASS
B13	10	Mid	23230	782	16QAM	8.96	9.79	PASS
B13	10	Mid	23230	782	64QAM	8.97	9.88	PASS
B14	5	Low	23305	790.5	QPSK	4.49	5.05	PASS
B14	5	Low	23305	790.5	16QAM	4.49	4.98	PASS
B14	5	Low	23305	790.5	64QAM	4.51	4.97	PASS
B14	5	Mid	23330	793	QPSK	4.50	5.00	PASS
B14	5	Mid	23330	793	16QAM	4.50	4.98	PASS
B14	5	Mid	23330	793	64QAM	4.51	5.00	PASS
B14	5	High	23355	795.5	QPSK	4.49	4.97	PASS
B14	5	High	23355	795.5	16QAM	4.50	5.00	PASS
B14	5	High	23355	795.5	64QAM	4.50	4.98	PASS
B14	10	Mid	23330	793	QPSK	8.98	9.84	PASS
B14	10	Mid	23330	793	16QAM	8.95	9.79	PASS
B14	10	Mid	23330	793	64QAM	8.96	9.81	PASS
B17	5	Low	23755	706.5	QPSK	4.51	5.05	PASS
B17	5	Low	23755	706.5	16QAM	4.50	4.99	PASS
B17	5	Low	23755	706.5	64QAM	4.52	4.99	PASS
B17	5	Mid	23790	710	QPSK	4.51	5.02	PASS
B17	5	Mid	23790	710	16QAM	4.51	4.99	PASS
B17	5	Mid	23790	710	64QAM	4.51	5.01	PASS
B17	5	High	23825	713.5	QPSK	4.50	5.03	PASS
B17	5	High	23825	713.5	16QAM	4.50	4.96	PASS
B17	5	High	23825	713.5	64QAM	4.50	4.94	PASS
B17	10	Low	23780	709	QPSK	9.00	9.86	PASS
B17	10	Low	23780	709	16QAM	8.99	9.80	PASS
B17	10	Low	23780	709	64QAM	8.99	9.90	PASS
B17	10	Mid	23790	710	QPSK	9.01	9.79	PASS
B17	10	Mid	23790	710	16QAM	8.97	9.72	PASS
B17	10	Mid	23790	710	64QAM	8.99	9.90	PASS
B17	10	High	23800	711	QPSK	8.99	9.83	PASS
B17	10	High	23800	711	16QAM	8.95	9.84	PASS
B17	10	High	23800	711	64QAM	8.98	9.89	PASS
B25	1.4	Low	26047	1850.7	QPSK	1.10	1.30	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.10	1.30	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.10	1.31	PASS



B25	1.4	Mid	26365	1882.5	QPSK	1.10	1.29	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.10	1.29	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.10	1.30	PASS
B25	1.4	High	26683	1914.3	QPSK	1.10	1.32	PASS
B25	1.4	High	26683	1914.3	16QAM	1.11	1.30	PASS
B25	1.4	High	26683	1914.3	64QAM	1.10	1.30	PASS
B25	3	Low	26055	1851.5	QPSK	2.71	2.99	PASS
B25	3	Low	26055	1851.5	16QAM	2.70	3.00	PASS
B25	3	Low	26055	1851.5	64QAM	2.71	2.99	PASS
B25	3	Mid	26365	1882.5	QPSK	2.70	2.98	PASS
B25	3	Mid	26365	1882.5	16QAM	2.70	2.99	PASS
B25	3	Mid	26365	1882.5	64QAM	2.71	2.98	PASS
B25	3	High	26675	1913.5	QPSK	2.71	3.02	PASS
B25	3	High	26675	1913.5	16QAM	2.70	2.98	PASS
B25	3	High	26675	1913.5	64QAM	2.70	2.98	PASS
B25	5	Low	26065	1852.5	QPSK	4.51	5.03	PASS
B25	5	Low	26065	1852.5	16QAM	4.50	4.98	PASS
B25	5	Low	26065	1852.5	64QAM	4.50	5.01	PASS
B25	5	Mid	26365	1882.5	QPSK	4.50	5.05	PASS
B25	5	Mid	26365	1882.5	16QAM	4.50	4.95	PASS
B25	5	Mid	26365	1882.5	64QAM	4.52	5.04	PASS
B25	5	High	26665	1912.5	QPSK	4.52	5.06	PASS
B25	5	High	26665	1912.5	16QAM	4.50	5.00	PASS
B25	5	High	26665	1912.5	64QAM	4.52	4.97	PASS
B25	10	Low	26090	1855	QPSK	8.98	9.85	PASS
B25	10	Low	26090	1855	16QAM	8.94	9.82	PASS
B25	10	Low	26090	1855	64QAM	8.97	9.83	PASS
B25	10	Mid	26365	1882.5	QPSK	9.00	9.80	PASS
B25	10	Mid	26365	1882.5	16QAM	8.97	9.80	PASS
B25	10	Mid	26365	1882.5	64QAM	8.98	9.87	PASS
B25	10	High	26640	1910	QPSK	9.01	9.85	PASS
B25	10	High	26640	1910	16QAM	8.94	9.80	PASS
B25	10	High	26640	1910	64QAM	8.97	9.80	PASS
B25	15	Low	26115	1857.5	QPSK	13.50	14.72	PASS
B25	15	Low	26115	1857.5	16QAM	13.45	14.61	PASS
B25	15	Low	26115	1857.5	64QAM	13.43	14.68	PASS
B25	15	Mid	26365	1882.5	QPSK	13.44	14.68	PASS
B25	15	Mid	26365	1882.5	16QAM	13.46	14.65	PASS



REPORT No.: SZ23040082W02

B25	15	Mid	26365	1882.5	64QAM	13.45	14.67	PASS
B25	15	High	26615	1907.5	QPSK	13.42	14.65	PASS
B25	15	High	26615	1907.5	16QAM	13.40	14.55	PASS
B25	15	High	26615	1907.5	64QAM	13.40	14.56	PASS
B25	20	Low	26140	1860	QPSK	17.94	19.50	PASS
B25	20	Low	26140	1860	16QAM	17.95	19.52	PASS
B25	20	Low	26140	1860	64QAM	17.94	19.46	PASS
B25	20	Mid	26365	1882.5	QPSK	17.90	19.45	PASS
B25	20	Mid	26365	1882.5	16QAM	17.93	19.44	PASS
B25	20	Mid	26365	1882.5	64QAM	17.92	19.59	PASS
B25	20	High	26590	1905	QPSK	17.87	19.39	PASS
B25	20	High	26590	1905	16QAM	17.91	19.44	PASS
B25	20	High	26590	1905	64QAM	17.88	19.55	PASS
B26 Part22	1.4	Low	26797	824.7	QPSK	1.10	1.29	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.10	1.29	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.10	1.27	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.10	1.28	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.10	1.29	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.10	1.29	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.10	1.28	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.10	1.29	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.10	1.26	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.70	2.98	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.70	2.99	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.70	2.98	PASS
B26	3	Mid	26915	836.5	QPSK	2.70	2.98	PASS



REPORT No.: SZ23040082W02

Part22								
B26 Part22	3	Mid	26915	836.5	16QAM	2.70	2.99	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.71	2.99	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.70	2.99	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.71	2.98	PASS
B26 Part22	3	High	27025	847.5	64QAM	2.70	2.88	PASS
B26 Part22	5	Low	26815	826.5	QPSK	4.51	5.02	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.50	4.98	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.52	4.99	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.50	5.03	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.50	5.02	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.51	5.03	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.50	4.99	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.51	4.96	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.50	4.99	PASS
B26 Part22	10	Low	26840	829	QPSK	9.02	9.89	PASS
B26 Part22	10	Low	26840	829	16QAM	8.98	9.79	PASS
B26 Part22	10	Low	26840	829	64QAM	9.00	9.96	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	9.00	9.81	PASS
B26	10	Mid	26915	836.5	16QAM	8.95	9.79	PASS



REPORT No.: SZ23040082W02

Part22								
B26 Part22	10	Mid	26915	836.5	64QAM	8.96	9.87	PASS
B26 Part22	10	High	26990	844	QPSK	8.97	9.63	PASS
B26 Part22	10	High	26990	844	16QAM	9.04	9.49	PASS
B26 Part22	10	High	26990	844	64QAM	8.96	9.88	PASS
B26 Part22	15	Low	26865	831.5	QPSK	13.48	14.63	PASS
B26 Part22	15	Low	26865	831.5	16QAM	13.49	14.73	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.46	14.79	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.48	14.77	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.45	14.84	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.43	14.73	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.43	14.61	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.45	14.73	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.45	14.70	PASS
B26 Part90	1.4	Low	26697	814.7	QPSK	1.10	1.29	PASS
B26 Part90	1.4	Low	26697	814.7	16QAM	1.10	1.29	PASS
B26 Part90	1.4	Low	26697	814.7	64QAM	1.10	1.28	PASS
B26 Part90	1.4	Mid	26740	819	QPSK	1.10	1.29	PASS
B26 Part90	1.4	Mid	26740	819	16QAM	1.10	1.28	PASS
B26	1.4	Mid	26740	819	64QAM	1.10	1.27	PASS



REPORT No.: SZ23040082W02

Part90								
B26 Part90	1.4	High	26783	823.3	QPSK	1.10	1.28	PASS
B26 Part90	1.4	High	26783	823.3	16QAM	1.10	1.28	PASS
B26 Part90	1.4	High	26783	823.3	64QAM	1.10	1.27	PASS
B26 Part90	3	Low	26705	815.5	QPSK	2.70	2.98	PASS
B26 Part90	3	Low	26705	815.5	16QAM	2.70	3.00	PASS
B26 Part90	3	Low	26705	815.5	64QAM	2.70	2.97	PASS
B26 Part90	3	Mid	26740	819	QPSK	2.70	2.96	PASS
B26 Part90	3	Mid	26740	819	16QAM	2.70	3.01	PASS
B26 Part90	3	Mid	26740	819	64QAM	2.70	2.98	PASS
B26 Part90	3	High	26775	822.5	QPSK	2.70	2.98	PASS
B26 Part90	3	High	26775	822.5	16QAM	2.70	2.98	PASS
B26 Part90	3	High	26775	822.5	64QAM	2.71	2.98	PASS
B26 Part90	5	Low	26715	816.5	QPSK	4.50	5.02	PASS
B26 Part90	5	Low	26715	816.5	16QAM	4.51	4.98	PASS
B26 Part90	5	Low	26715	816.5	64QAM	4.53	4.97	PASS
B26 Part90	5	Mid	26740	819	QPSK	4.50	5.03	PASS
B26 Part90	5	Mid	26740	819	16QAM	4.50	4.98	PASS
B26 Part90	5	Mid	26740	819	64QAM	4.51	4.98	PASS
B26	5	High	26765	821.5	QPSK	4.51	5.03	PASS



REPORT No.: SZ23040082W02

Part90								
B26 Part90	5	High	26765	821.5	16QAM	4.51	4.96	PASS
B26 Part90	5	High	26765	821.5	64QAM	4.52	4.97	PASS
B26 Part90	10	Mid	26740	819	QPSK	8.99	9.86	PASS
B26 Part90	10	Mid	26740	819	16QAM	8.96	9.84	PASS
B26 Part90	10	Mid	26740	819	64QAM	8.97	9.87	PASS
B30	5	Low	27685	2307.5	QPSK	4.50	5.01	PASS
B30	5	Low	27685	2307.5	16QAM	4.51	5.04	PASS
B30	5	Low	27685	2307.5	64QAM	4.51	5.00	PASS
B30	5	Mid	27710	2310	QPSK	4.50	5.01	PASS
B30	5	Mid	27710	2310	16QAM	4.51	4.97	PASS
B30	5	Mid	27710	2310	64QAM	4.50	4.99	PASS
B30	5	High	27735	2312.5	QPSK	4.51	5.03	PASS
B30	5	High	27735	2312.5	16QAM	4.50	4.99	PASS
B30	5	High	27735	2312.5	64QAM	4.51	5.02	PASS
B30	10	Mid	27710	2310	QPSK	8.99	9.87	PASS
B30	10	Mid	27710	2310	16QAM	8.96	9.86	PASS
B30	10	Mid	27710	2310	64QAM	8.97	9.88	PASS
B41	5	Low	39675	2498.5	QPSK	4.50	5.08	PASS
B41	5	Low	39675	2498.5	16QAM	4.50	4.95	PASS
B41	5	Low	39675	2498.5	64QAM	4.53	5.00	PASS
B41	5	Mid	40620	2593	QPSK	4.51	4.96	PASS
B41	5	Mid	40620	2593	16QAM	4.50	5.09	PASS
B41	5	Mid	40620	2593	64QAM	4.52	4.97	PASS
B41	5	High	41565	2687.5	QPSK	4.51	5.13	PASS
B41	5	High	41565	2687.5	16QAM	4.50	5.08	PASS
B41	5	High	41565	2687.5	64QAM	4.51	4.97	PASS
B41	10	Low	39700	2501	QPSK	8.97	9.88	PASS
B41	10	Low	39700	2501	16QAM	8.97	10.41	PASS
B41	10	Low	39700	2501	64QAM	8.96	9.74	PASS
B41	10	Mid	40620	2593	QPSK	8.99	9.88	PASS
B41	10	Mid	40620	2593	16QAM	8.97	10.65	PASS
B41	10	Mid	40620	2593	64QAM	8.97	9.86	PASS



REPORT No.: SZ23040082W02

B41	10	High	41540	2685	QPSK	8.96	9.70	PASS
B41	10	High	41540	2685	16QAM	8.96	10.24	PASS
B41	10	High	41540	2685	64QAM	8.98	9.86	PASS
B41	15	Low	39725	2503.5	QPSK	13.49	14.68	PASS
B41	15	Low	39725	2503.5	16QAM	13.47	14.83	PASS
B41	15	Low	39725	2503.5	64QAM	13.44	14.73	PASS
B41	15	Mid	40620	2593	QPSK	13.48	14.69	PASS
B41	15	Mid	40620	2593	16QAM	13.48	14.73	PASS
B41	15	Mid	40620	2593	64QAM	13.44	14.75	PASS
B41	15	High	41515	2682.5	QPSK	13.45	14.76	PASS
B41	15	High	41515	2682.5	16QAM	13.44	14.88	PASS
B41	15	High	41515	2682.5	64QAM	13.44	14.71	PASS
B41	20	Low	39750	2506	QPSK	17.96	19.43	PASS
B41	20	Low	39750	2506	16QAM	17.94	22.01	PASS
B41	20	Low	39750	2506	64QAM	17.96	19.83	PASS
B41	20	Mid	40620	2593	QPSK	17.95	19.82	PASS
B41	20	Mid	40620	2593	16QAM	17.92	20.74	PASS
B41	20	Mid	40620	2593	64QAM	17.92	19.74	PASS
B41	20	High	41490	2680	QPSK	17.94	19.70	PASS
B41	20	High	41490	2680	16QAM	17.94	19.57	PASS
B41	20	High	41490	2680	64QAM	17.94	20.51	PASS
B66	1.4	Low	131979	1710.7	QPSK	1.10	1.28	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.10	1.32	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.10	1.29	PASS
B66	1.4	Mid	132322	1745	QPSK	1.10	1.29	PASS
B66	1.4	Mid	132322	1745	16QAM	1.10	1.30	PASS
B66	1.4	Mid	132322	1745	64QAM	1.10	1.28	PASS
B66	1.4	High	132665	1779.3	QPSK	1.10	1.28	PASS
B66	1.4	High	132665	1779.3	16QAM	1.10	1.27	PASS
B66	1.4	High	132665	1779.3	64QAM	1.10	1.28	PASS
B66	3	Low	131987	1711.5	QPSK	2.70	2.98	PASS
B66	3	Low	131987	1711.5	16QAM	2.70	3.00	PASS
B66	3	Low	131987	1711.5	64QAM	2.70	2.98	PASS
B66	3	Mid	132322	1745	QPSK	2.70	2.97	PASS
B66	3	Mid	132322	1745	16QAM	2.70	3.00	PASS
B66	3	Mid	132322	1745	64QAM	2.70	2.97	PASS
B66	3	High	132657	1778.5	QPSK	2.70	2.96	PASS
B66	3	High	132657	1778.5	16QAM	2.70	3.01	PASS



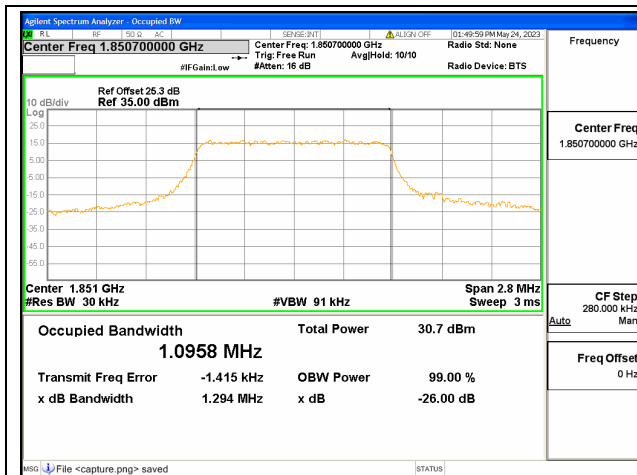
REPORT No.: SZ23040082W02

B66	3	High	132657	1778.5	64QAM	2.70	2.97	PASS
B66	5	Low	131997	1712.5	QPSK	4.50	5.00	PASS
B66	5	Low	131997	1712.5	16QAM	4.49	5.01	PASS
B66	5	Low	131997	1712.5	64QAM	4.50	5.02	PASS
B66	5	Mid	132322	1745	QPSK	4.51	5.01	PASS
B66	5	Mid	132322	1745	16QAM	4.50	5.03	PASS
B66	5	Mid	132322	1745	64QAM	4.51	5.01	PASS
B66	5	High	132647	1777.5	QPSK	4.50	5.03	PASS
B66	5	High	132647	1777.5	16QAM	4.51	5.00	PASS
B66	5	High	132647	1777.5	64QAM	4.51	4.99	PASS
B66	10	Low	132022	1715	QPSK	8.97	9.83	PASS
B66	10	Low	132022	1715	16QAM	8.97	9.82	PASS
B66	10	Low	132022	1715	64QAM	8.99	9.85	PASS
B66	10	Mid	132322	1745	QPSK	8.98	9.81	PASS
B66	10	Mid	132322	1745	16QAM	8.95	9.80	PASS
B66	10	Mid	132322	1745	64QAM	8.98	9.88	PASS
B66	10	High	132622	1775	QPSK	8.98	9.89	PASS
B66	10	High	132622	1775	16QAM	8.97	9.79	PASS
B66	10	High	132622	1775	64QAM	8.99	9.87	PASS
B66	15	Low	132047	1717.5	QPSK	13.44	14.66	PASS
B66	15	Low	132047	1717.5	16QAM	13.46	14.78	PASS
B66	15	Low	132047	1717.5	64QAM	13.44	14.65	PASS
B66	15	Mid	132322	1745	QPSK	13.47	14.66	PASS
B66	15	Mid	132322	1745	16QAM	13.46	14.65	PASS
B66	15	Mid	132322	1745	64QAM	13.45	14.76	PASS
B66	15	High	132597	1772.5	QPSK	13.48	14.65	PASS
B66	15	High	132597	1772.5	16QAM	13.48	14.78	PASS
B66	15	High	132597	1772.5	64QAM	13.47	14.71	PASS
B66	20	Low	132072	1720	QPSK	17.91	19.51	PASS
B66	20	Low	132072	1720	16QAM	17.93	19.46	PASS
B66	20	Low	132072	1720	64QAM	17.90	19.45	PASS
B66	20	Mid	132322	1745	QPSK	17.95	19.58	PASS
B66	20	Mid	132322	1745	16QAM	17.98	19.50	PASS
B66	20	Mid	132322	1745	64QAM	17.95	19.57	PASS
B66	20	High	132572	1770	QPSK	18.01	19.53	PASS
B66	20	High	132572	1770	16QAM	18.00	19.60	PASS
B66	20	High	132572	1770	64QAM	18.00	19.63	PASS
B71	5	Low	133147	665.5	QPSK	4.51	4.97	PASS

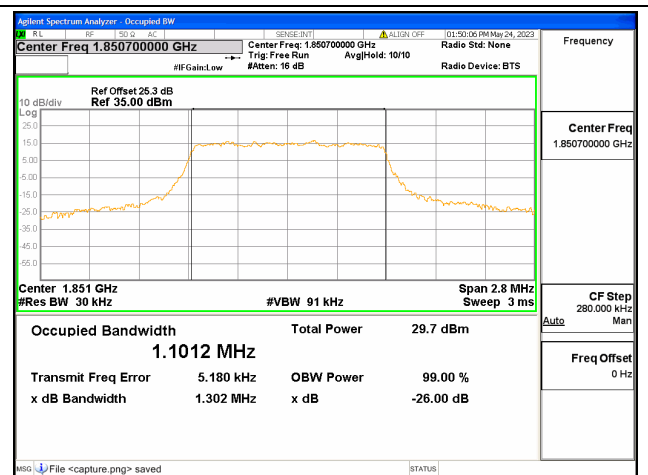


REPORT No.: SZ23040082W02

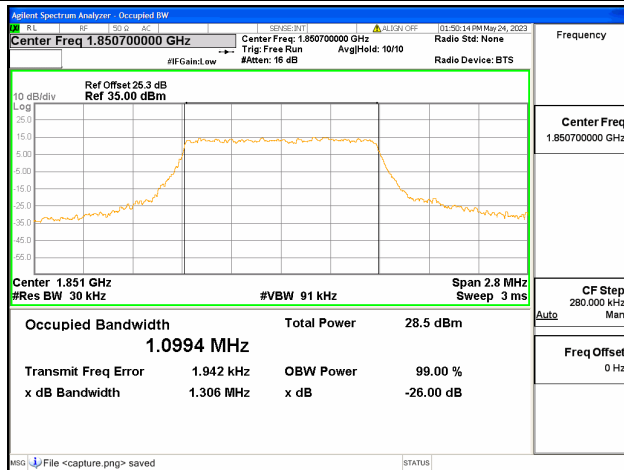
B71	5	Low	133147	665.5	16QAM	4.50	4.97	PASS
B71	5	Low	133147	665.5	64QAM	4.48	4.97	PASS
B71	5	Mid	133297	680.5	QPSK	4.50	5.04	PASS
B71	5	Mid	133297	680.5	16QAM	4.51	4.99	PASS
B71	5	Mid	133297	680.5	64QAM	4.50	4.95	PASS
B71	5	High	133447	695.5	QPSK	4.52	5.04	PASS
B71	5	High	133447	695.5	16QAM	4.51	4.95	PASS
B71	5	High	133447	695.5	64QAM	4.51	4.97	PASS
B71	10	Low	133172	668	QPSK	9.00	9.88	PASS
B71	10	Low	133172	668	16QAM	8.97	9.82	PASS
B71	10	Low	133172	668	64QAM	8.98	9.90	PASS
B71	10	Mid	133297	680.5	QPSK	9.00	9.81	PASS
B71	10	Mid	133297	680.5	16QAM	8.97	9.81	PASS
B71	10	Mid	133297	680.5	64QAM	8.99	9.91	PASS
B71	10	High	133422	693	QPSK	8.98	9.83	PASS
B71	10	High	133422	693	16QAM	8.96	9.83	PASS
B71	10	High	133422	693	64QAM	8.97	9.89	PASS
B71	15	Low	133197	670.5	QPSK	13.47	14.68	PASS
B71	15	Low	133197	670.5	16QAM	13.47	14.67	PASS
B71	15	Low	133197	670.5	64QAM	13.47	14.70	PASS
B71	15	Mid	133297	680.5	QPSK	13.51	14.69	PASS
B71	15	Mid	133297	680.5	16QAM	13.47	14.83	PASS
B71	15	Mid	133297	680.5	64QAM	13.47	14.73	PASS
B71	15	High	133397	690.5	QPSK	13.42	14.60	PASS
B71	15	High	133397	690.5	16QAM	13.44	14.76	PASS
B71	15	High	133397	690.5	64QAM	13.44	14.66	PASS
B71	20	Low	133222	673	QPSK	17.92	19.42	PASS
B71	20	Low	133222	673	16QAM	17.94	19.48	PASS
B71	20	Low	133222	673	64QAM	17.97	19.34	PASS
B71	20	Mid	133322	683	QPSK	17.93	19.49	PASS
B71	20	Mid	133322	683	16QAM	17.95	19.36	PASS
B71	20	Mid	133322	683	64QAM	17.96	19.44	PASS
B71	20	High	133372	688	QPSK	17.91	19.43	PASS
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B71	20	High	133372	688	64QAM	17.93	19.46	PASS



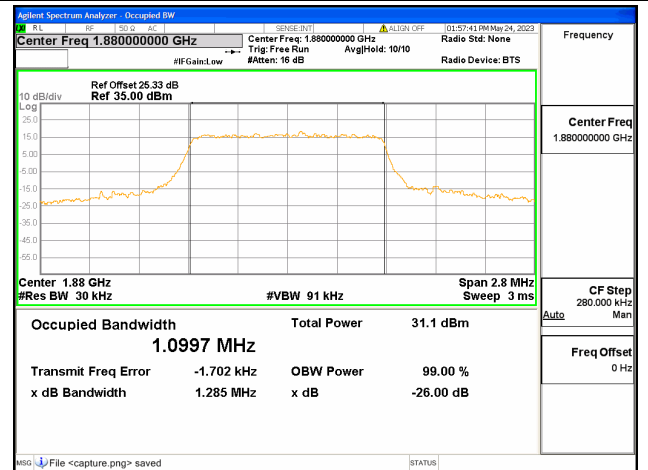
Band2 / 1.4MHz / QPSK/ Low CH



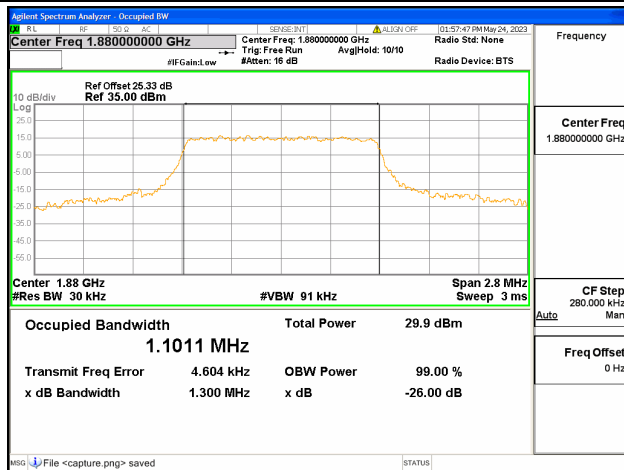
Band2 / 1.4MHz / 16QAM/ Low CH



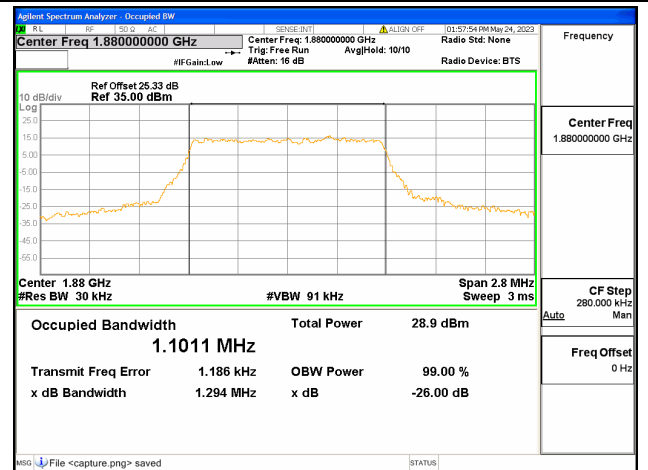
Band2 / 1.4MHz / 64QAM/ Low CH



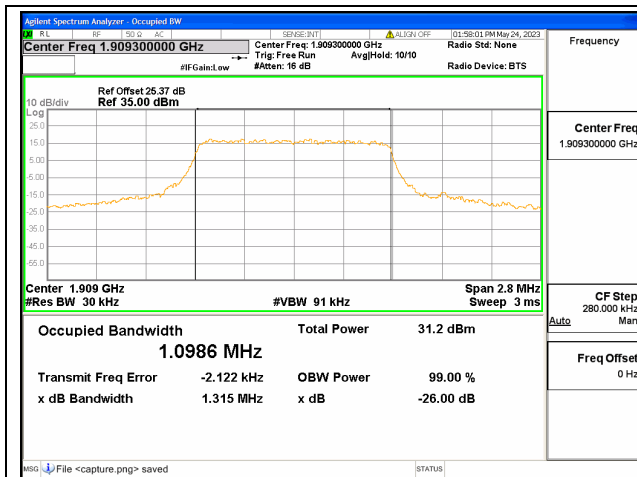
Band2 / 1.4MHz / QPSK/ Mid CH



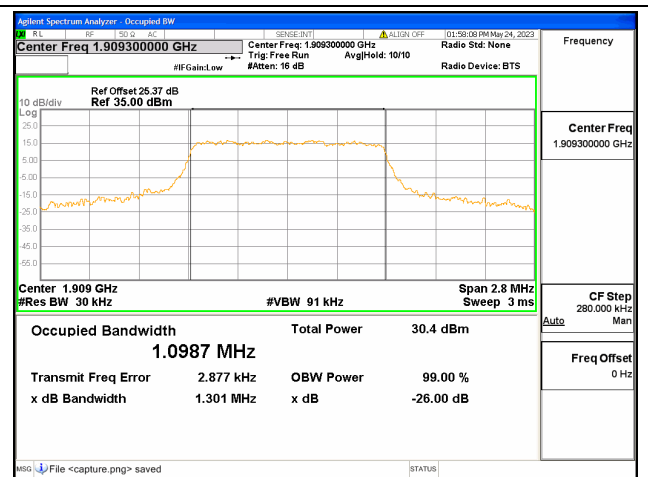
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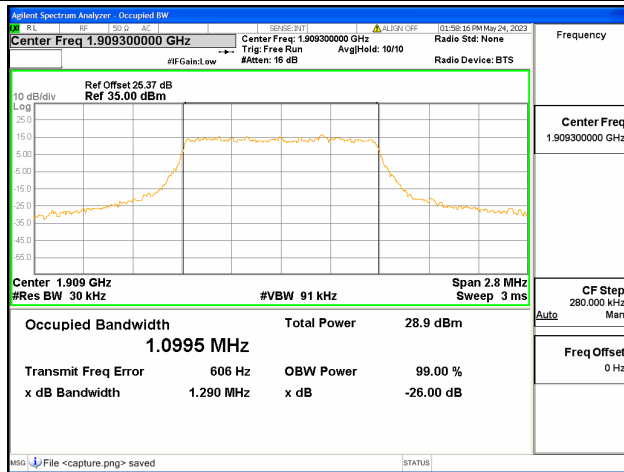
Band2 / 1.4MHz / 64QAM/ Mid CH



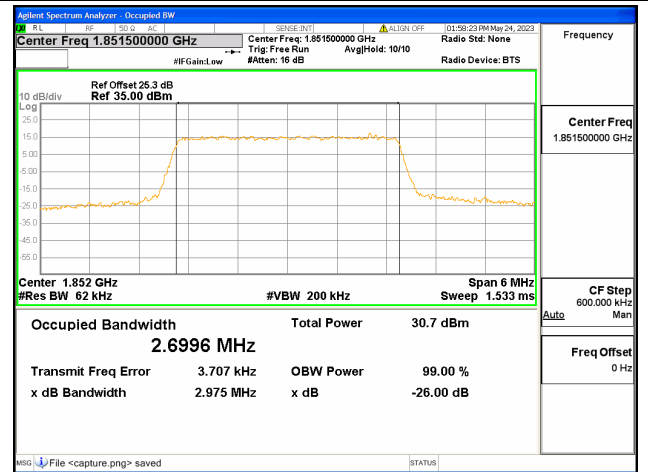
Band2 / 1.4MHz / QPSK/ High CH



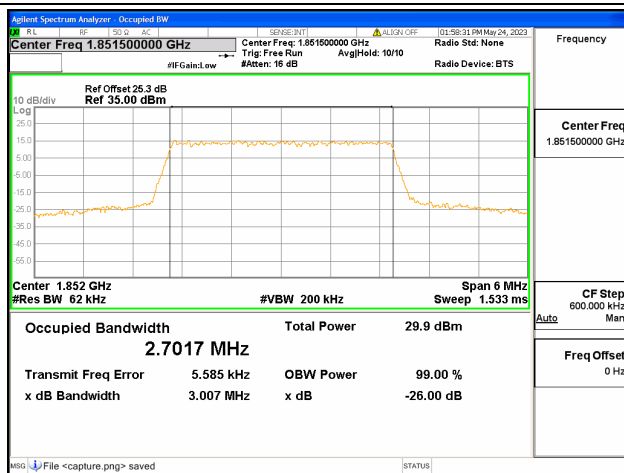
Band2 / 1.4MHz / 16QAM/ High CH



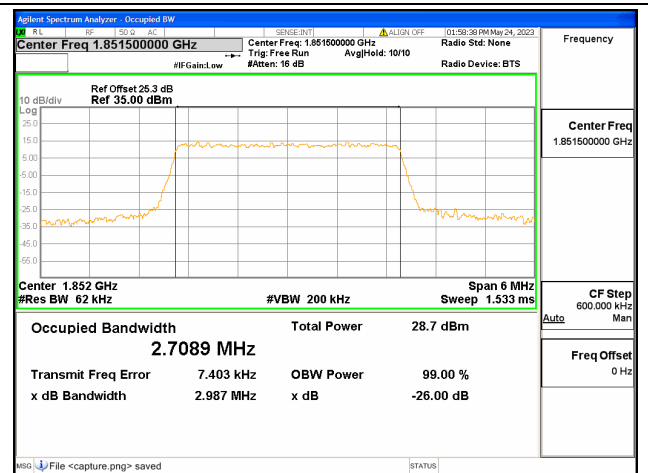
Band2 / 1.4MHz / 64QAM/ High CH



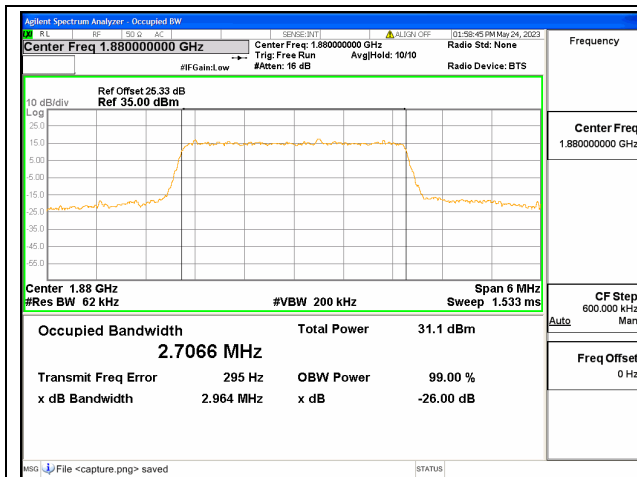
Band2 / 3MHz / QPSK/ Low CH



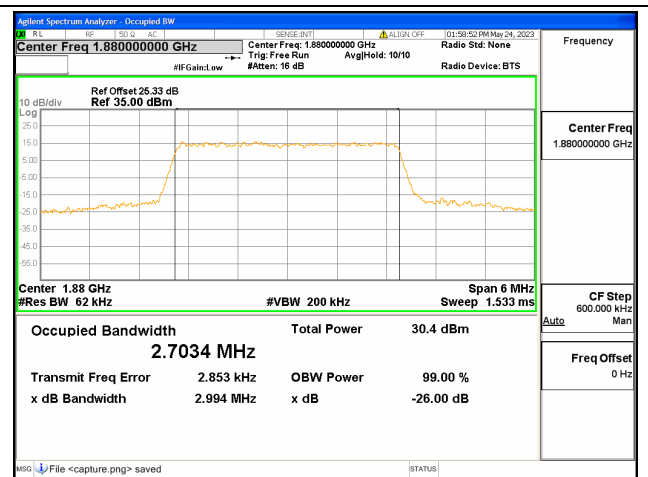
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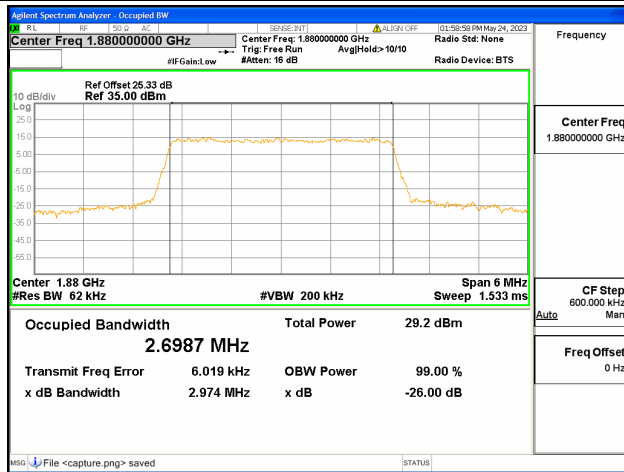
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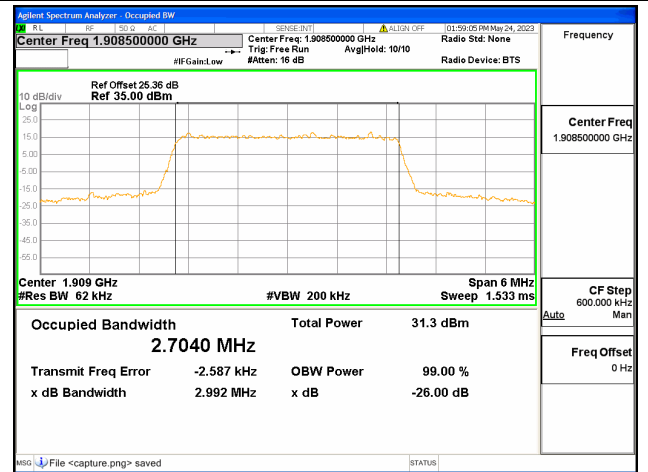
Band2 / 3MHz / QPSK/ Mid CH



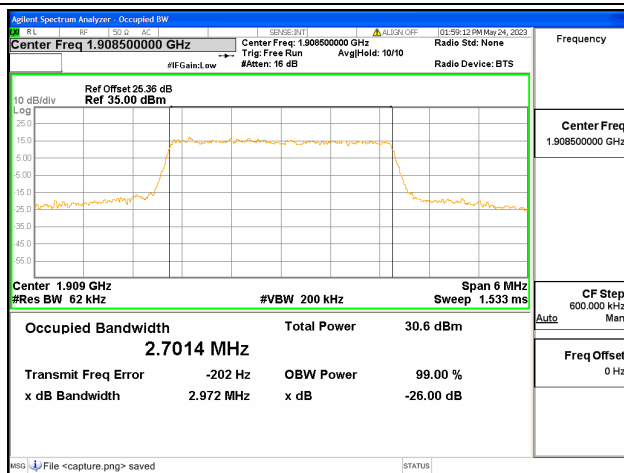
Band2 / 3MHz / 16QAM/ Mid CH



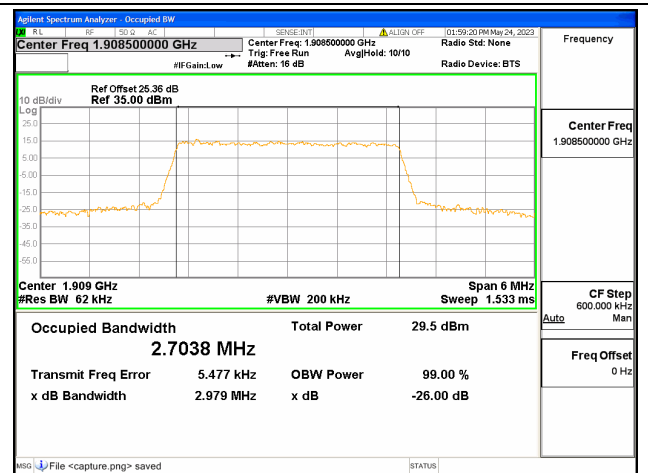
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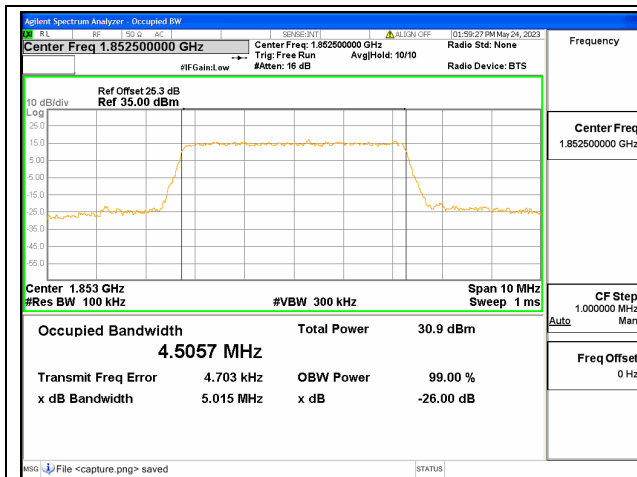
Band2 / 3MHz / QPSK/ High CH



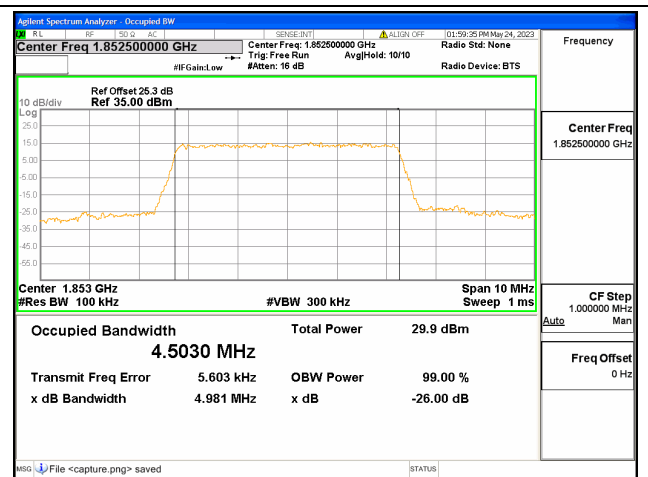
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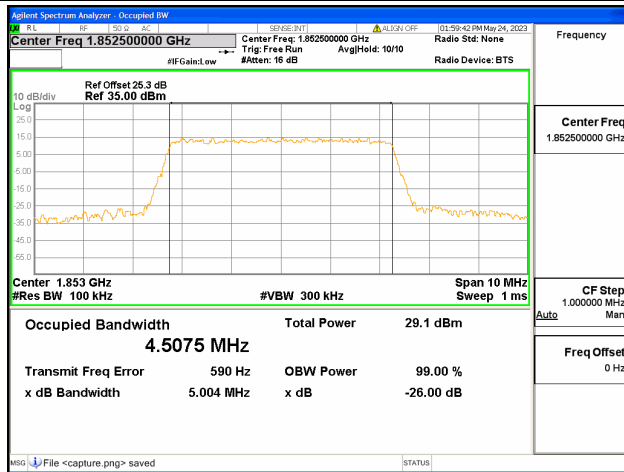
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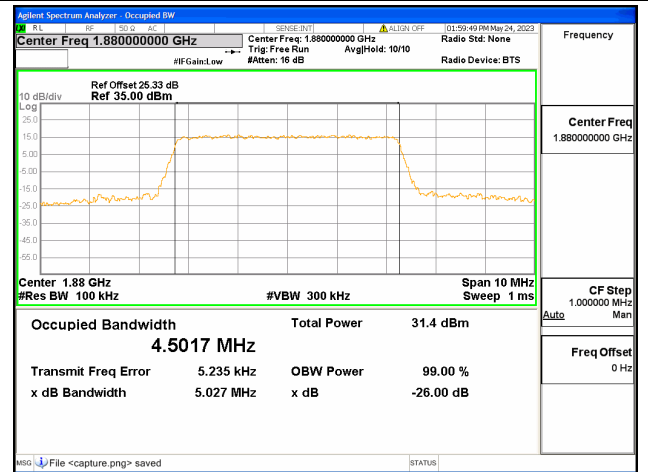
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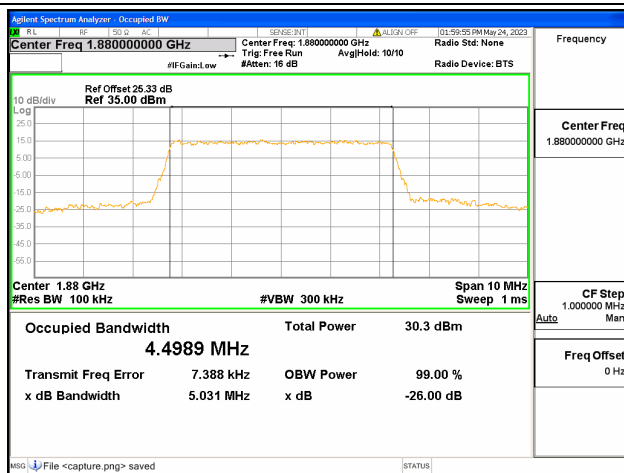
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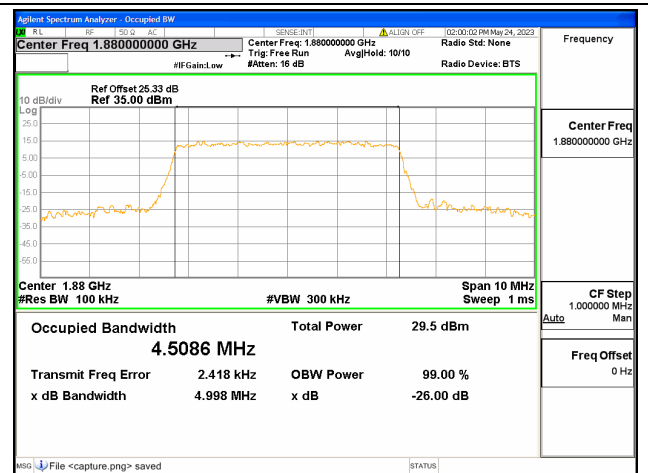
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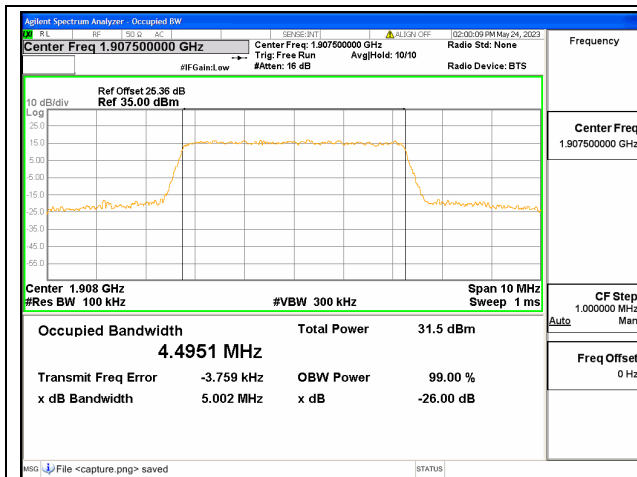
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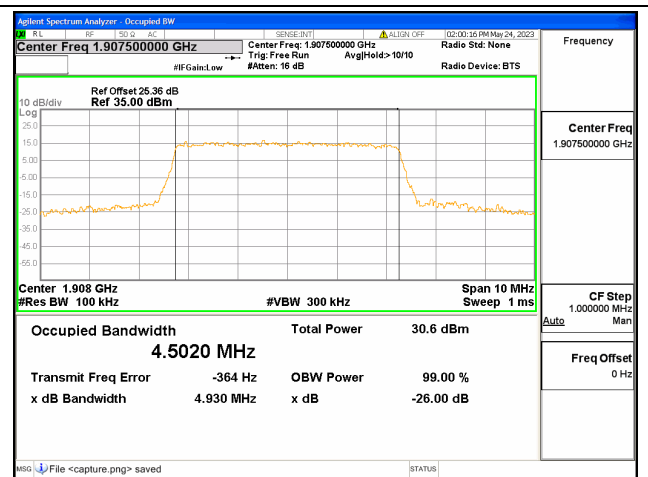
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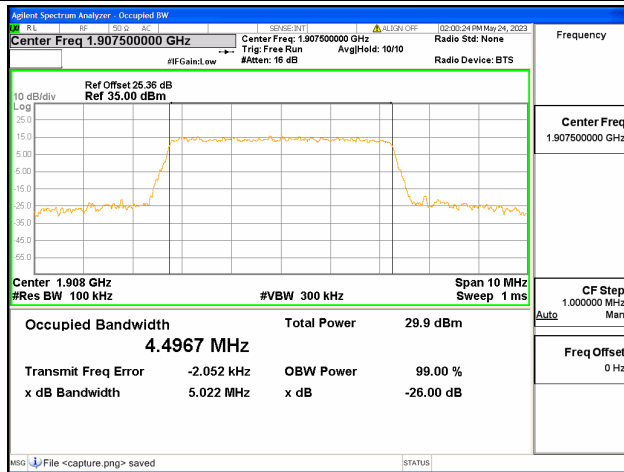
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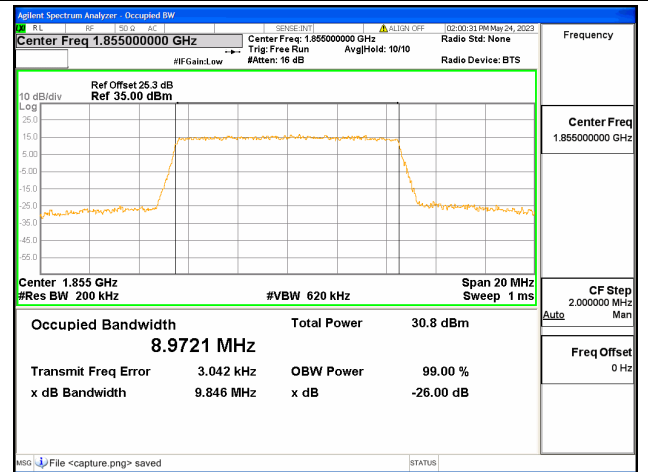
Band2 / 5MHz / QPSK/ High CH



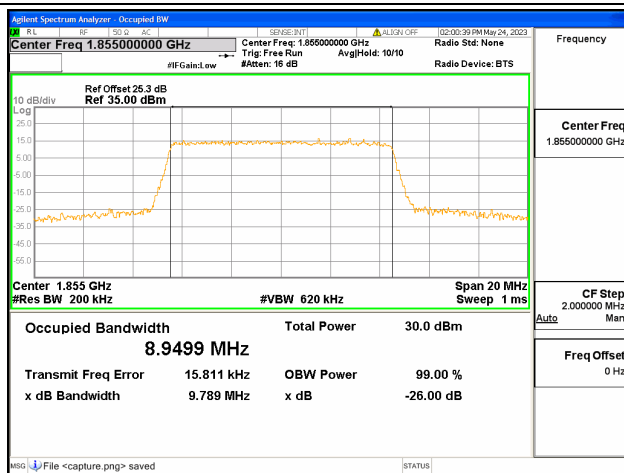
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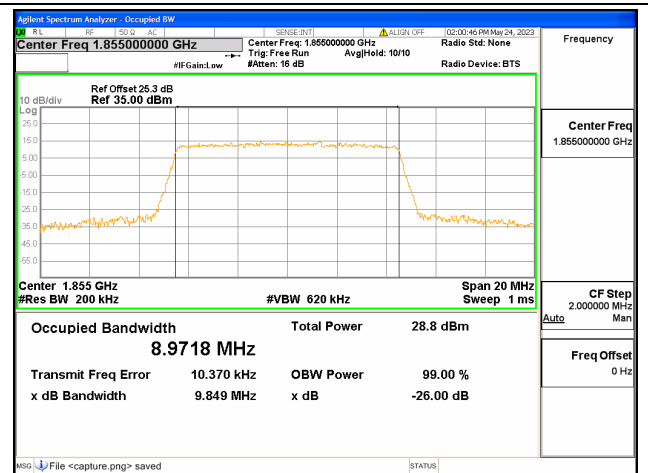
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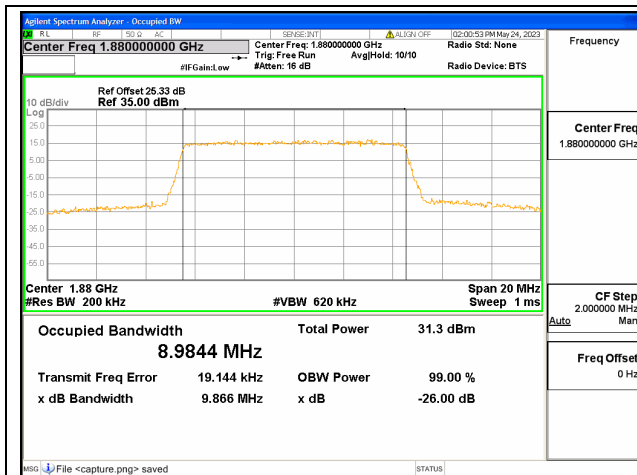
Band2 / 10MHz / QPSK/ Low CH



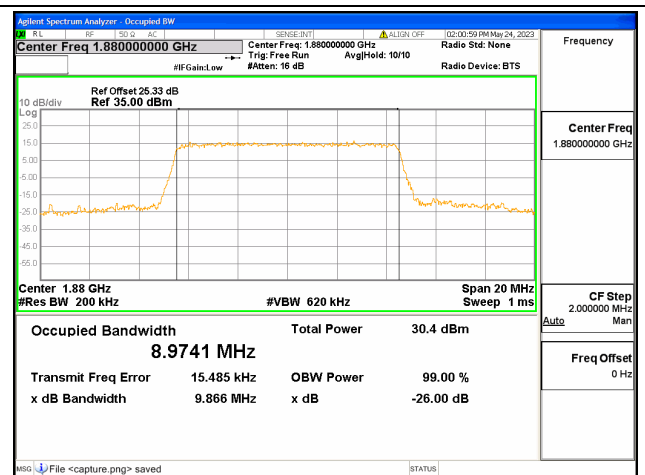
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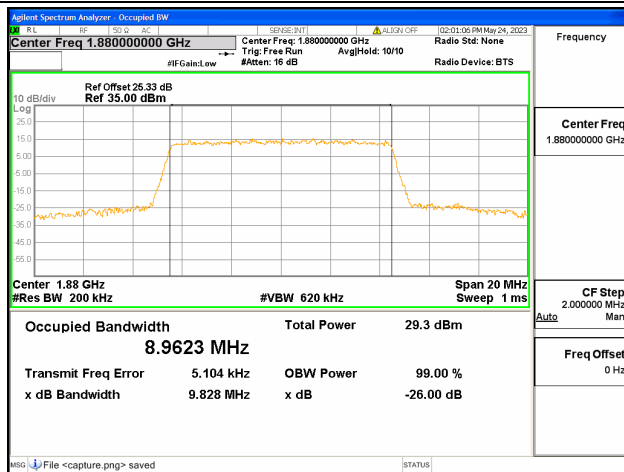
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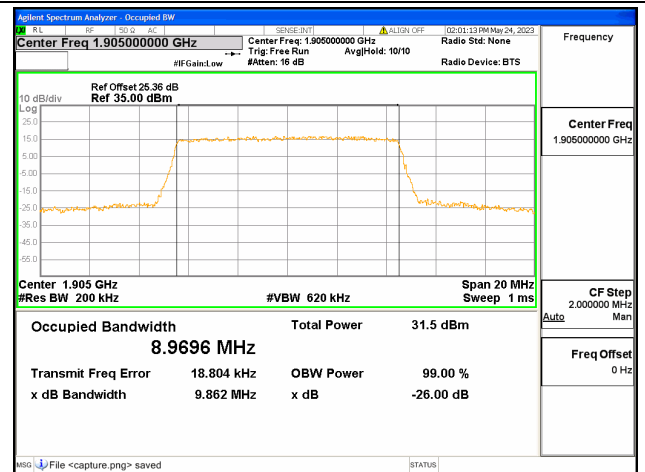
Band2 / 10MHz / QPSK/ Mid CH



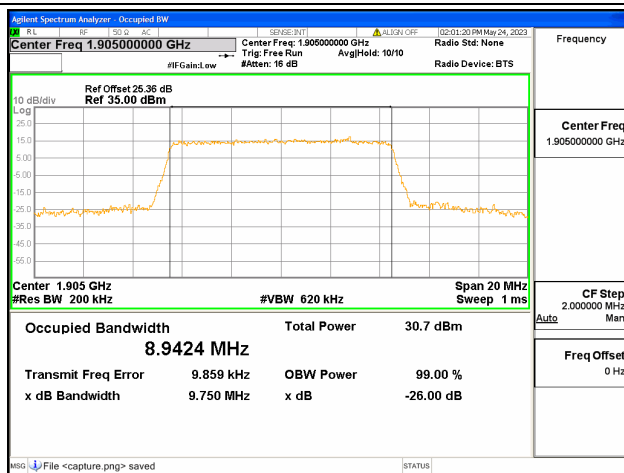
Band2 / 10MHz / 16QAM/ Mid CH



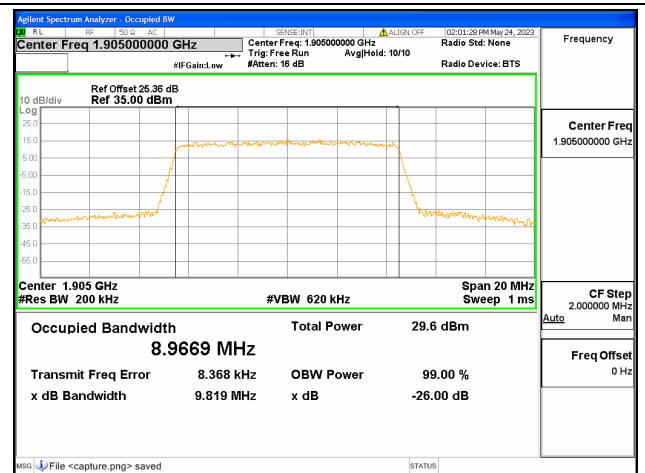
Band2 / 10MHz / 64QAM/ Mid CH



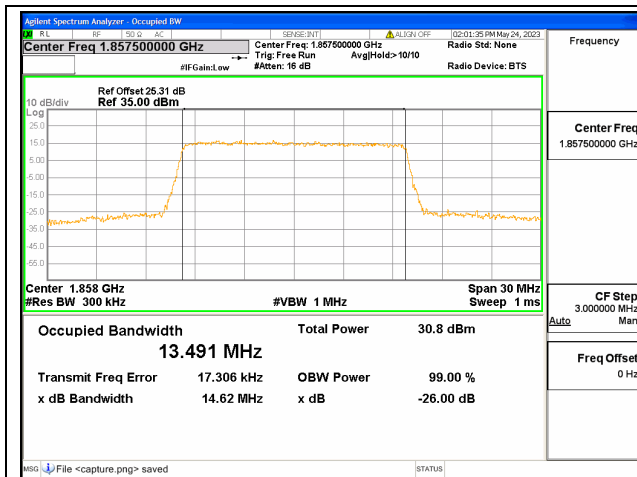
Band2 / 10MHz / QPSK/ High CH



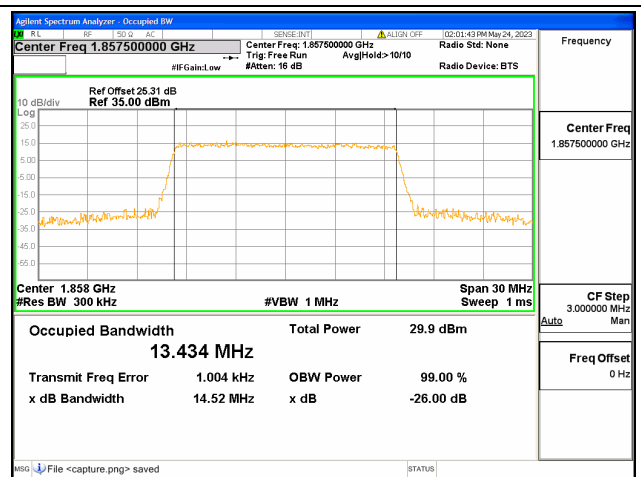
Band2 / 10MHz / 16QAM/ High CH



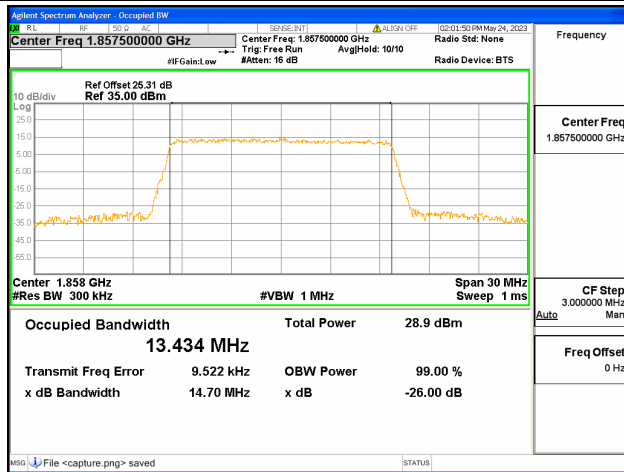
Band2 / 10MHz / 64QAM/ High CH



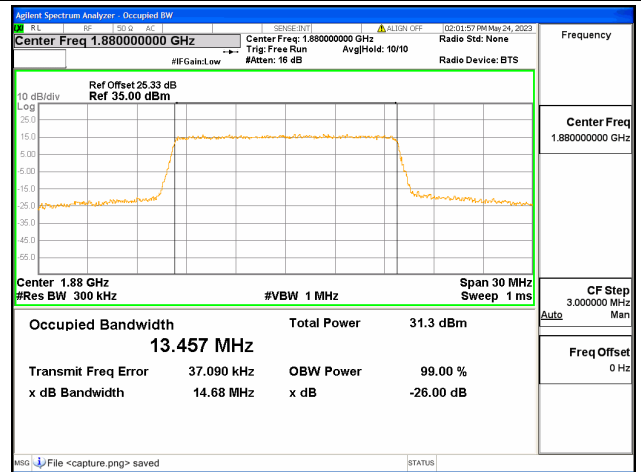
Band2 / 15MHz / QPSK/ Low CH



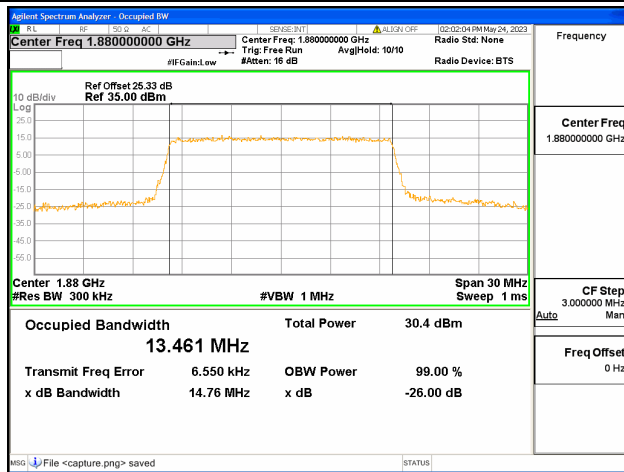
Band2 / 15MHz / 16QAM/ Low CH



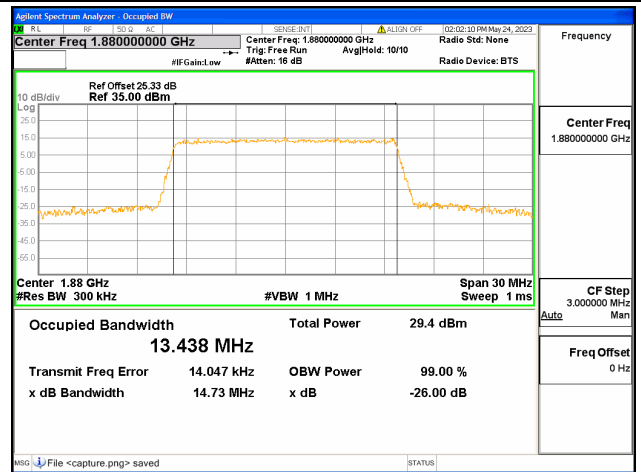
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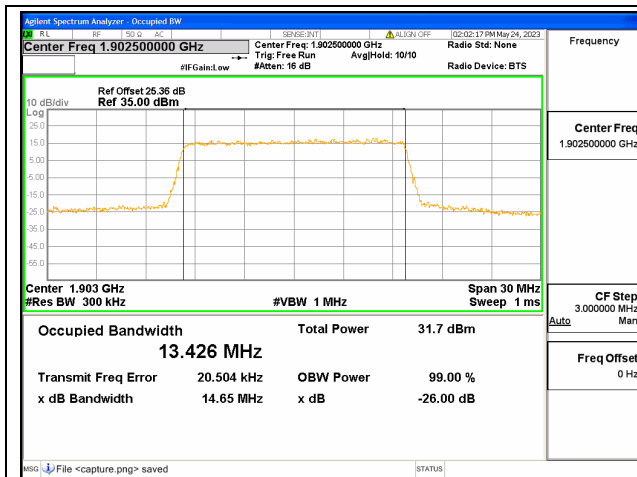
Band2 / 15MHz / QPSK/ Mid CH



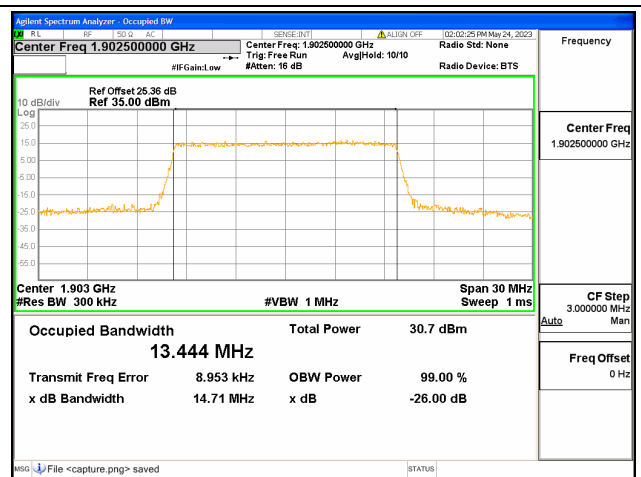
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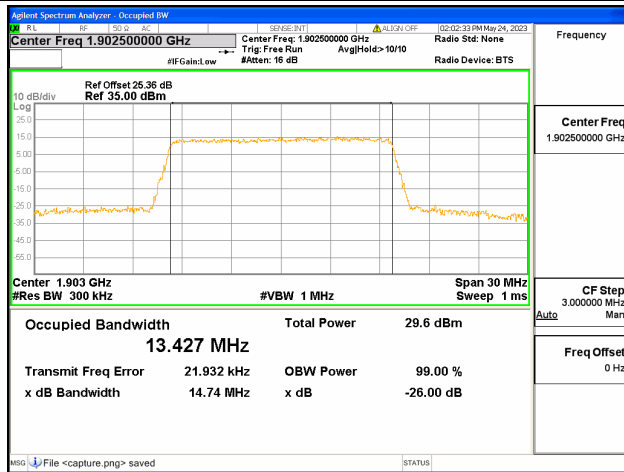
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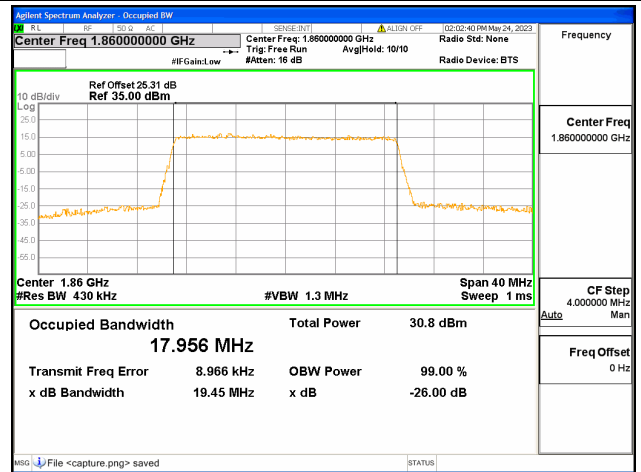
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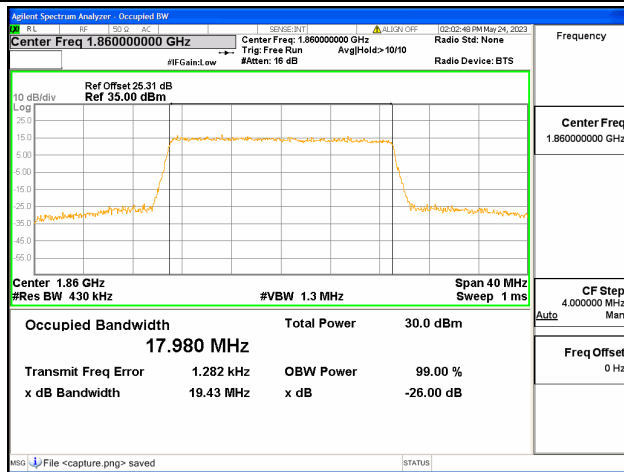
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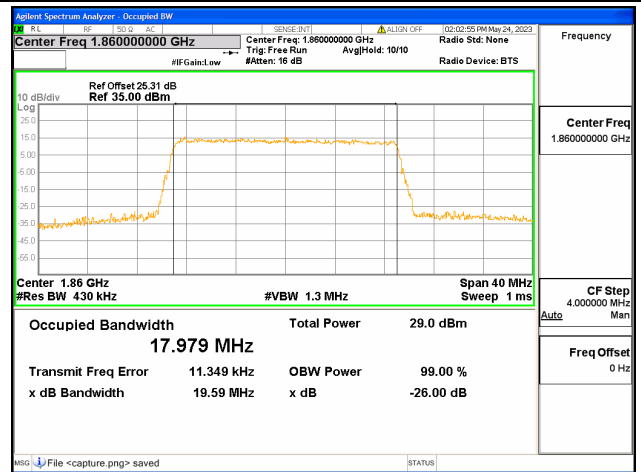
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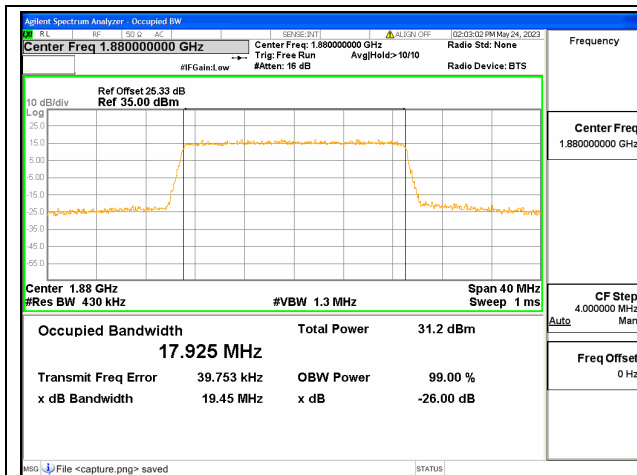
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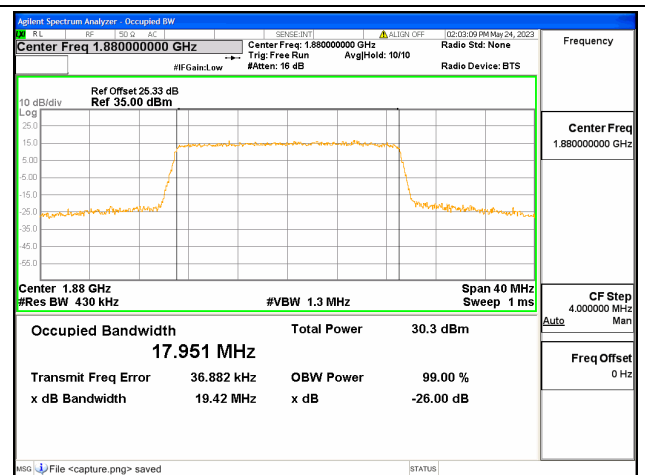
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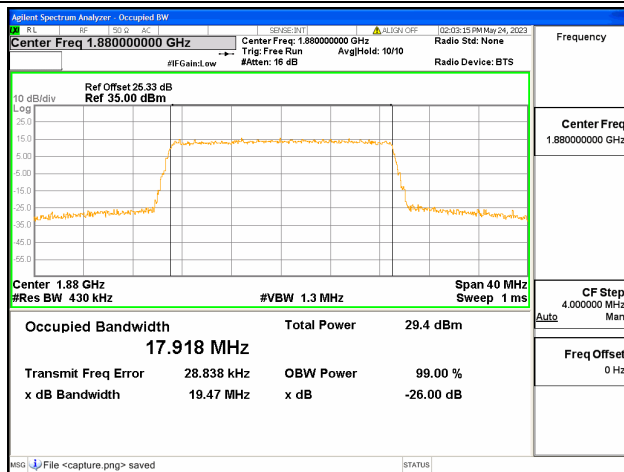
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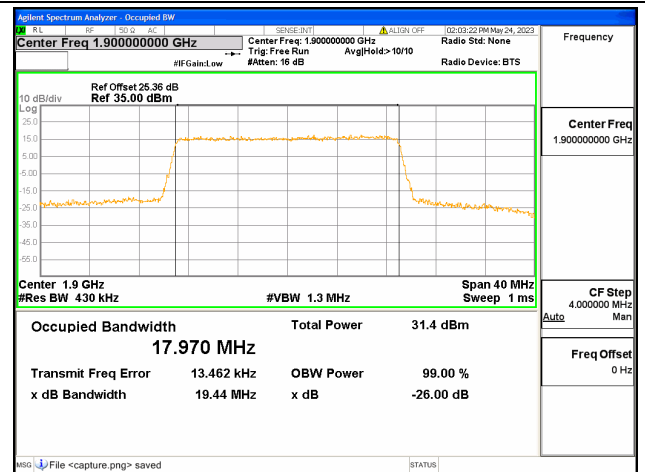
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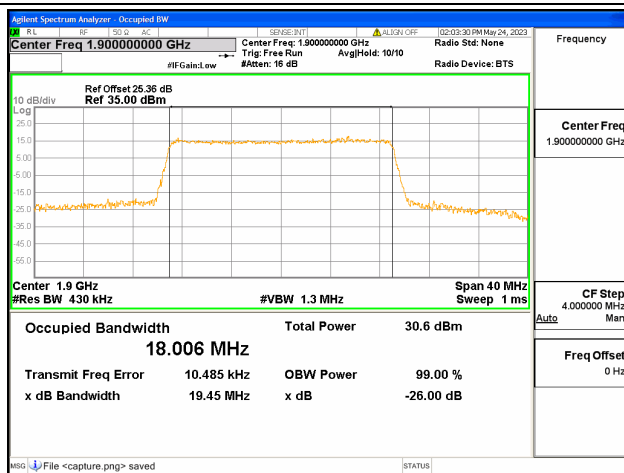
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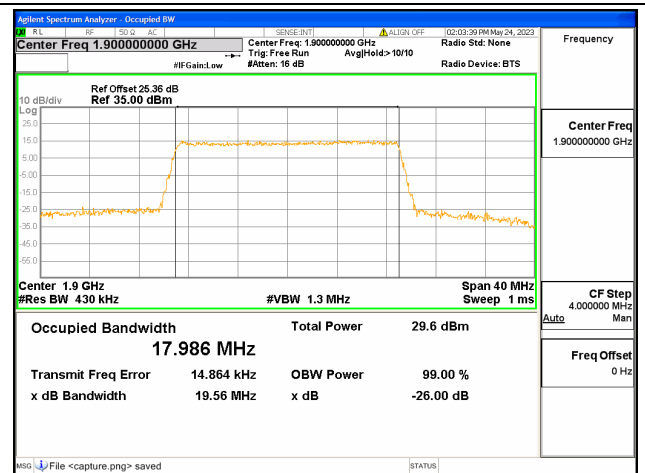
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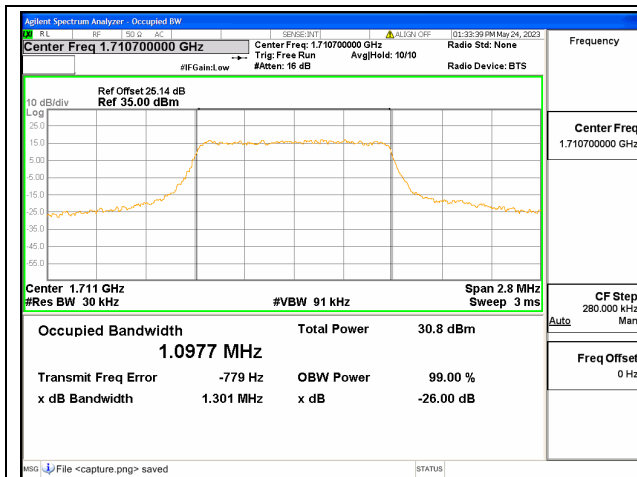
Band2 / 20MHz / QPSK/ High CH



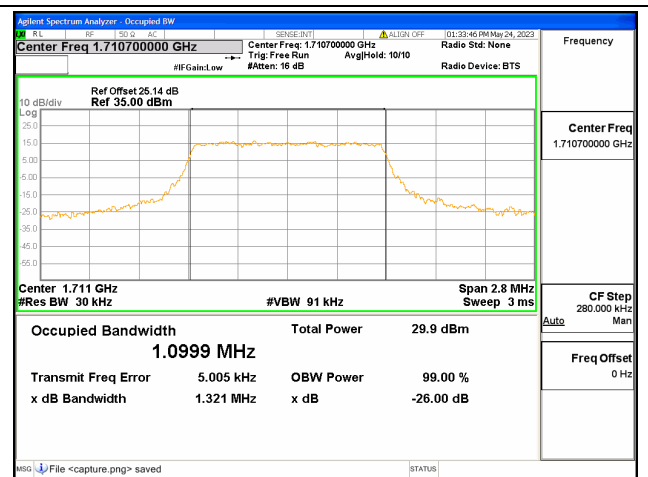
Band2 / 20MHz / 16QAM/ High CH



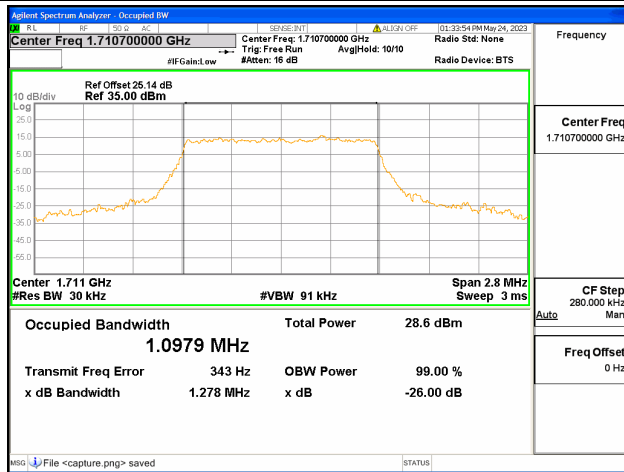
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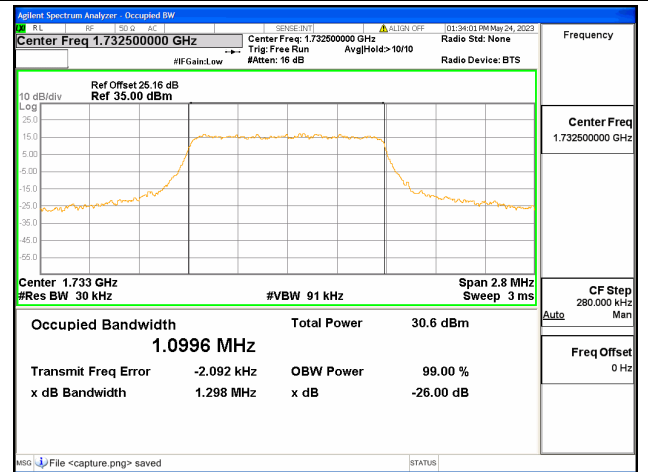
Band4 / 1.4MHz / QPSK/ Low CH



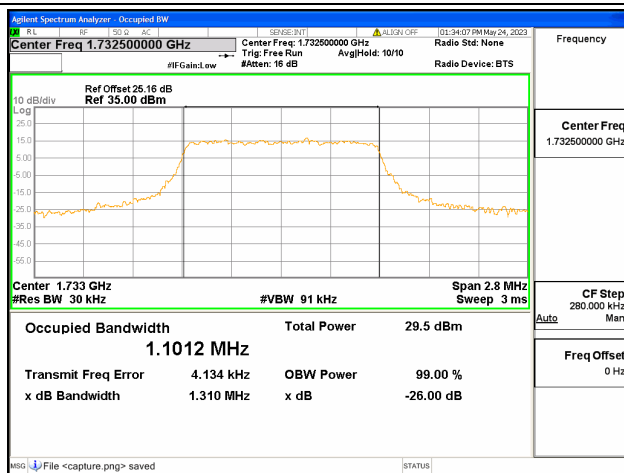
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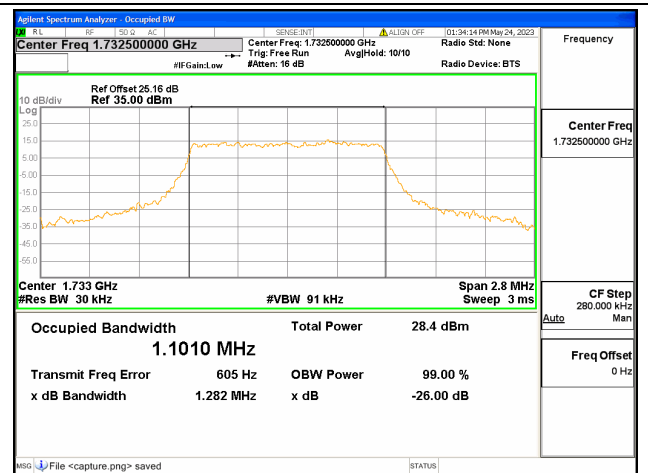
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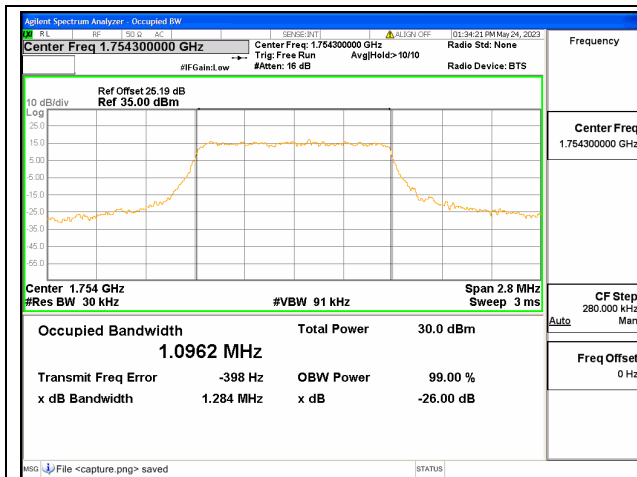
Band4 / 1.4MHz / QPSK/ Mid CH



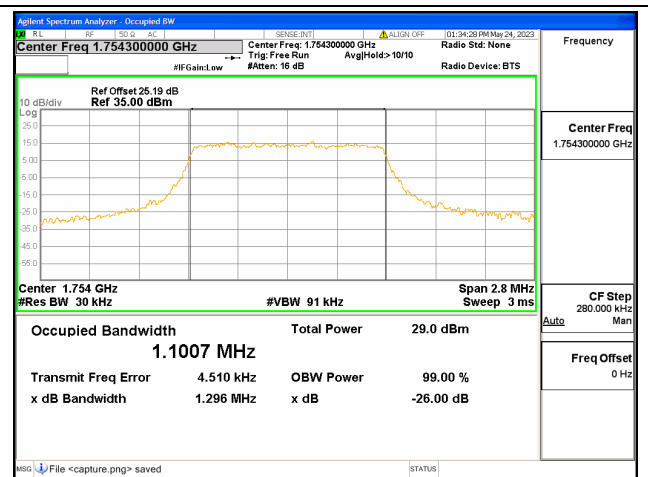
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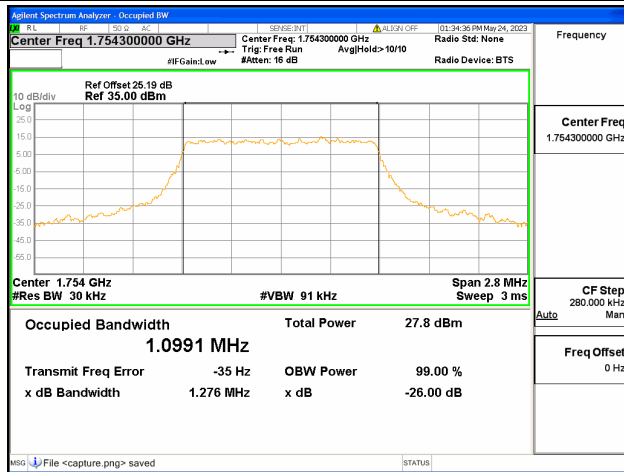
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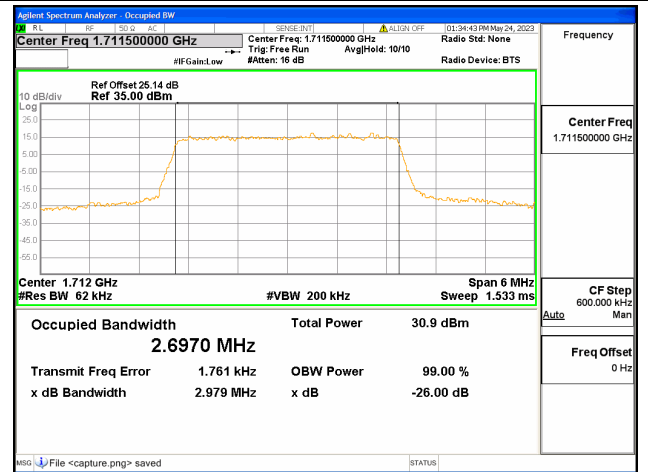
Band4 / 1.4MHz / QPSK/ High CH



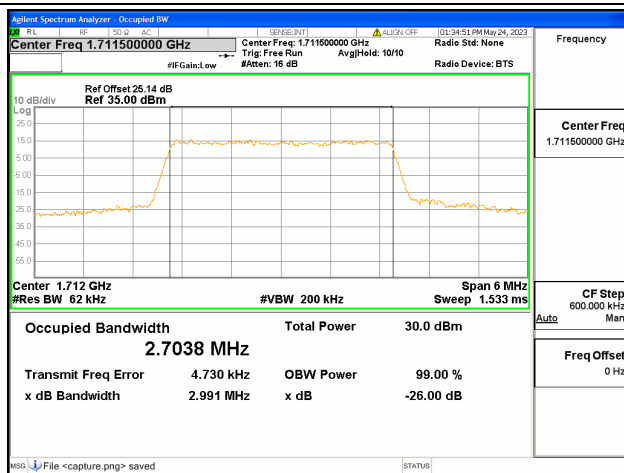
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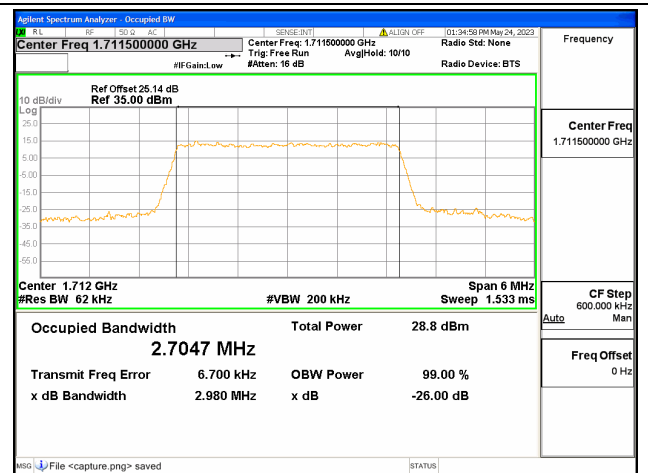
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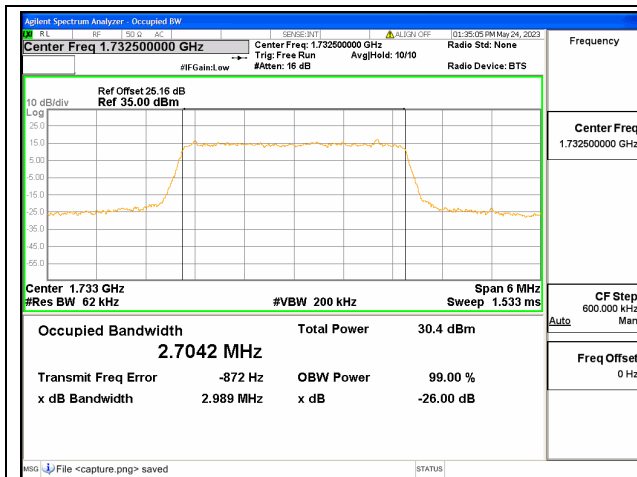
Band4 / 3MHz / QPSK/ Low CH



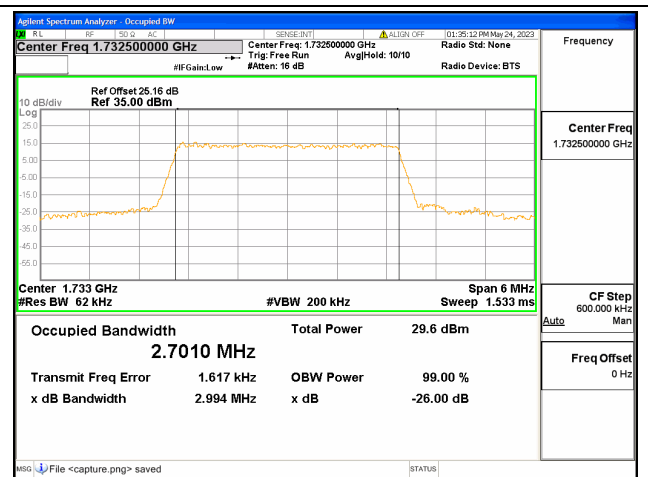
Band4 / 3MHz / 16QAM/ Low CH



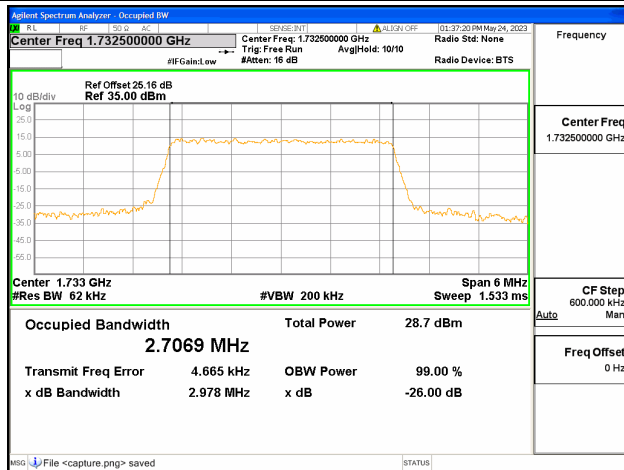
Band4 / 3MHz / 64QAM/ Low CH



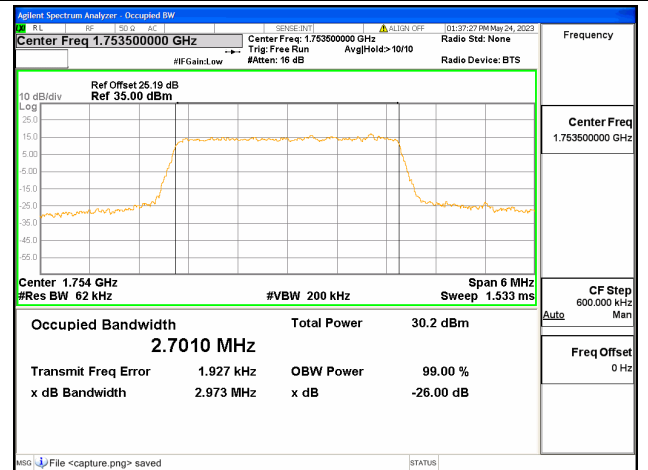
Band4 / 3MHz / QPSK/ Mid CH



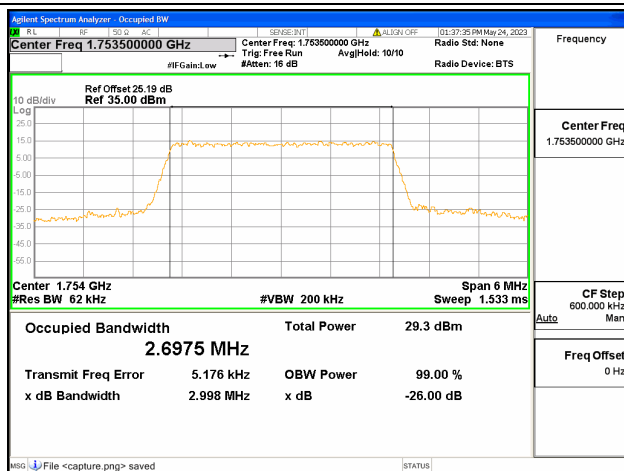
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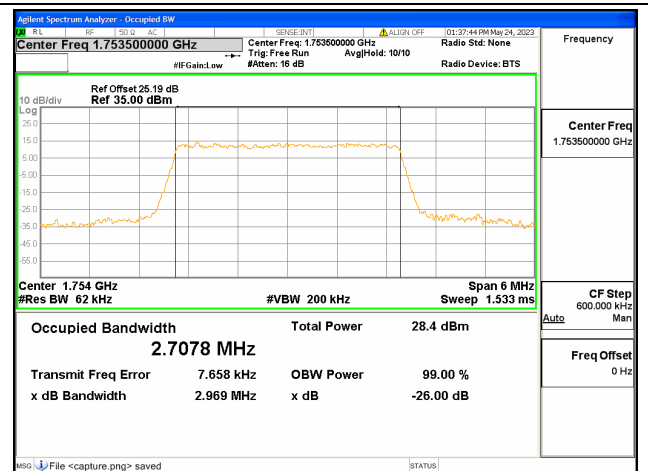
Band4 / 3MHz / 64QAM/ Mid CH



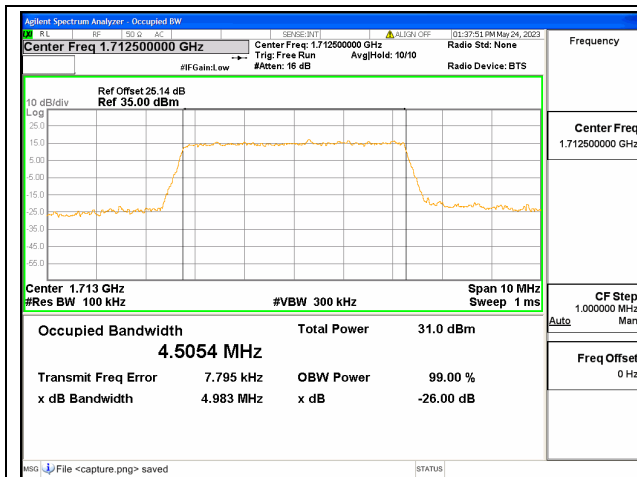
Band4 / 3MHz / QPSK/ High CH



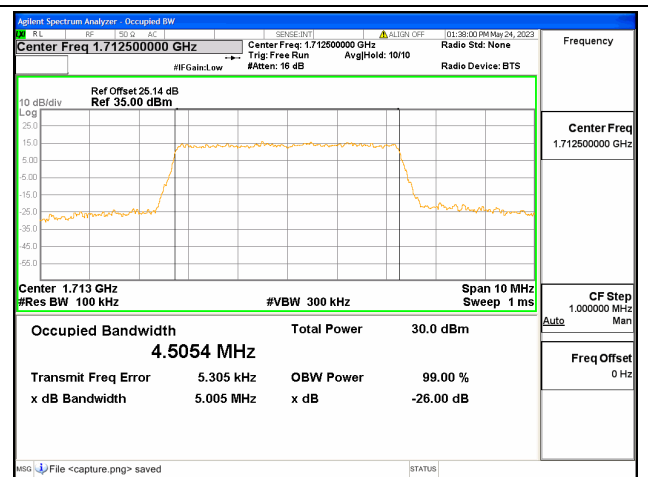
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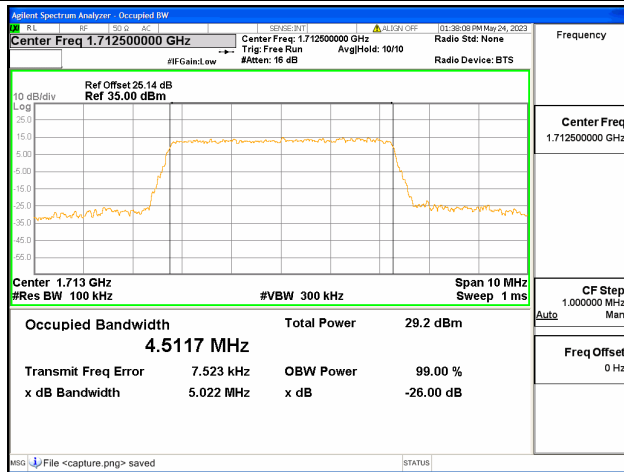
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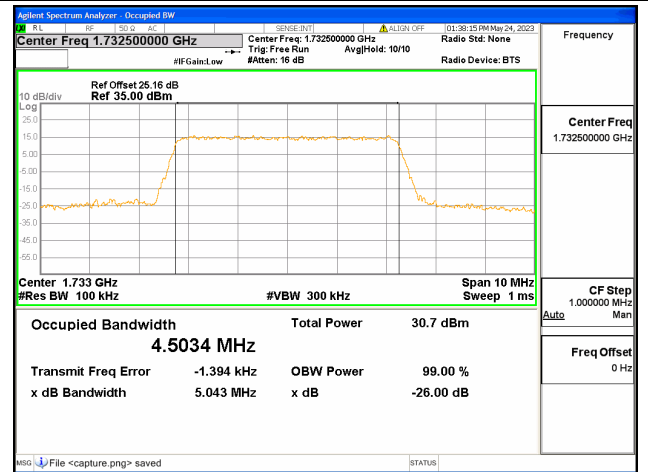
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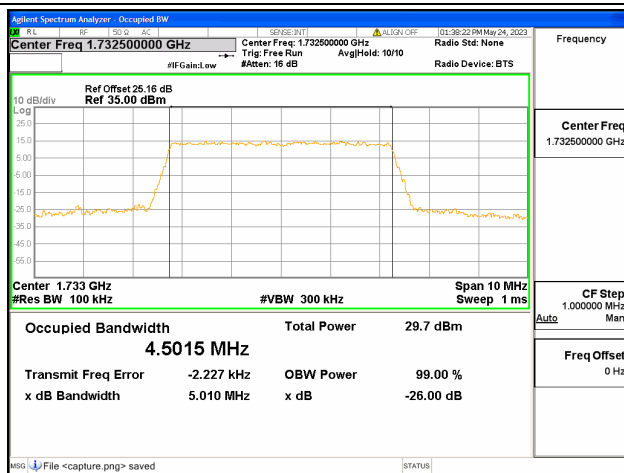
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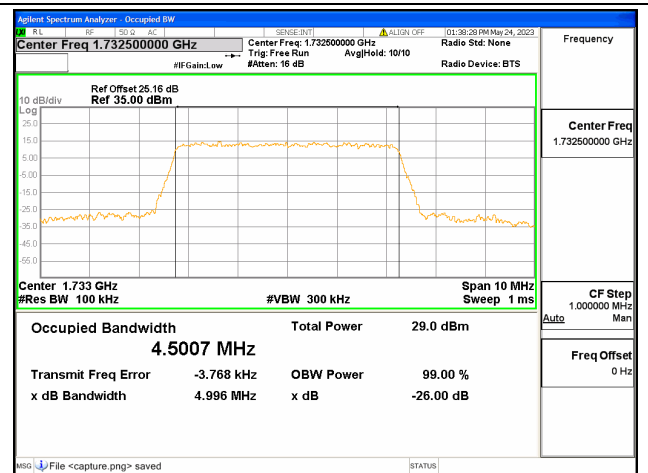
Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / 64QAM/ Mid CH