



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	24.54	0.284	24.69	0.294	24.60	0.288
3	QPSK	1	8	24.42	0.277	24.56	0.286	24.60	0.288
3	QPSK	1	14	24.38	0.274	24.30	0.269	24.32	0.270
3	QPSK	8	0	23.74	0.237	23.71	0.235	23.67	0.233
3	QPSK	8	4	23.81	0.240	23.64	0.231	23.47	0.222
3	QPSK	8	7	23.65	0.232	23.52	0.225	23.53	0.225
3	QPSK	15	0	23.46	0.222	23.31	0.214	23.31	0.214
3	16QAM	1	0	23.20	0.209	23.19	0.208	23.19	0.208
3	16QAM	1	8	23.20	0.209	23.10	0.204	23.05	0.202
3	16QAM	1	14	23.20	0.209	22.97	0.198	22.94	0.197
3	16QAM	8	0	22.81	0.191	22.85	0.193	22.79	0.190
3	16QAM	8	4	22.70	0.186	22.75	0.188	22.62	0.183
3	16QAM	8	7	22.64	0.184	22.64	0.184	22.52	0.179
3	16QAM	15	0	22.48	0.177	22.52	0.179	22.37	0.173
3	64QAM	1	0	22.15	0.164	21.99	0.158	21.99	0.158
3	64QAM	1	8	22.04	0.160	22.01	0.159	22.03	0.160
3	64QAM	1	14	22.00	0.158	21.90	0.155	21.82	0.152
3	64QAM	8	0	20.78	0.120	20.86	0.122	20.70	0.117
3	64QAM	8	4	20.59	0.115	20.62	0.115	20.52	0.113
3	64QAM	8	7	20.46	0.111	20.46	0.111	20.40	0.110
3	64QAM	15	0	20.34	0.108	20.30	0.107	20.17	0.104



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	24.62	0.290	24.74	0.298	24.66	0.292
1.4	QPSK	1	3	24.50	0.282	24.60	0.288	24.67	0.293
1.4	QPSK	1	5	24.43	0.277	24.29	0.269	24.32	0.270
1.4	QPSK	3	0	23.77	0.238	23.77	0.238	23.67	0.233
1.4	QPSK	3	1	23.81	0.240	23.69	0.234	23.58	0.228
1.4	QPSK	3	3	23.55	0.226	23.49	0.223	23.58	0.228
1.4	QPSK	6	0	23.40	0.219	23.37	0.217	23.36	0.217
1.4	16QAM	1	0	23.23	0.210	23.17	0.207	23.12	0.205
1.4	16QAM	1	3	23.25	0.211	23.08	0.203	23.06	0.202
1.4	16QAM	1	5	23.22	0.210	23.05	0.202	22.92	0.196
1.4	16QAM	3	0	22.82	0.191	22.84	0.192	22.74	0.188
1.4	16QAM	3	1	22.66	0.185	22.69	0.186	22.65	0.184
1.4	16QAM	3	3	22.57	0.181	22.60	0.182	22.58	0.181
1.4	16QAM	6	0	22.46	0.176	22.52	0.179	22.38	0.173
1.4	64QAM	1	0	22.07	0.161	22.03	0.160	21.89	0.155
1.4	64QAM	1	3	22.12	0.163	21.95	0.157	22.02	0.159
1.4	64QAM	1	5	21.98	0.158	21.98	0.158	21.90	0.155
1.4	64QAM	3	0	21.11	0.129	21.15	0.130	21.03	0.127
1.4	64QAM	3	1	21.19	0.132	21.21	0.132	21.12	0.129
1.4	64QAM	3	3	21.09	0.129	21.04	0.127	21.00	0.126
1.4	64QAM	6	0	20.32	0.108	20.35	0.108	20.23	0.105



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	20.10	0.102	20.04	0.101	20.03	0.101
15	QPSK	1	37	20.02	0.100	20.04	0.101	20.06	0.101
15	QPSK	1	74	19.69	0.093	19.65	0.092	19.72	0.094
15	QPSK	36	0	19.23	0.084	19.15	0.082	19.11	0.081
15	QPSK	36	20	19.11	0.081	18.97	0.079	18.94	0.078
15	QPSK	36	39	18.93	0.078	18.90	0.078	18.95	0.079
15	QPSK	75	0	18.89	0.077	18.85	0.077	18.84	0.077
15	16QAM	1	0	18.57	0.072	18.52	0.071	18.58	0.072
15	16QAM	1	37	18.55	0.072	18.51	0.071	18.48	0.070
15	16QAM	1	74	18.40	0.069	18.33	0.068	18.34	0.068
15	16QAM	36	0	18.24	0.067	18.19	0.066	18.19	0.066
15	16QAM	36	20	18.14	0.065	18.05	0.064	18.04	0.064
15	16QAM	36	39	18.00	0.063	17.95	0.062	17.95	0.062
15	16QAM	75	0	17.90	0.062	17.81	0.060	17.79	0.060
15	64QAM	1	0	17.41	0.055	17.37	0.055	17.35	0.054
15	64QAM	1	37	17.38	0.055	17.37	0.055	17.38	0.055
15	64QAM	1	74	17.36	0.054	17.31	0.054	17.27	0.053
15	64QAM	36	0	16.21	0.042	16.13	0.041	16.08	0.041
15	64QAM	36	20	16.00	0.040	15.94	0.039	15.97	0.040
15	64QAM	36	39	15.92	0.039	15.81	0.038	15.71	0.037
15	64QAM	75	0	15.77	0.038	15.69	0.037	15.63	0.037



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	19.86	0.097	19.93	0.098	19.98	0.100
10	QPSK	1	25	19.84	0.096	19.88	0.097	19.95	0.099
10	QPSK	1	49	19.60	0.091	19.64	0.092	19.66	0.092
10	QPSK	25	0	19.06	0.081	18.98	0.079	19.09	0.081
10	QPSK	25	12	18.78	0.076	18.88	0.077	18.90	0.078
10	QPSK	25	25	18.81	0.076	18.72	0.074	18.82	0.076
10	QPSK	50	0	18.62	0.073	18.64	0.073	18.65	0.073
10	16QAM	1	0	18.43	0.070	18.42	0.070	18.47	0.070
10	16QAM	1	25	18.34	0.068	18.36	0.069	18.42	0.070
10	16QAM	1	49	18.20	0.066	18.24	0.067	18.32	0.068
10	16QAM	25	0	18.08	0.064	18.13	0.065	18.18	0.066
10	16QAM	25	12	17.90	0.062	17.93	0.062	18.00	0.063
10	16QAM	25	25	17.73	0.059	17.70	0.059	17.82	0.061
10	16QAM	50	0	18.00	0.063	18.06	0.064	18.07	0.064
10	64QAM	1	0	17.18	0.052	17.17	0.052	17.26	0.053
10	64QAM	1	25	17.31	0.054	17.27	0.053	17.33	0.054
10	64QAM	1	49	17.15	0.052	17.12	0.052	17.19	0.052
10	64QAM	25	0	15.89	0.039	15.87	0.039	15.97	0.040
10	64QAM	25	12	15.79	0.038	15.83	0.038	15.88	0.039
10	64QAM	25	25	15.70	0.037	15.64	0.037	15.76	0.038
10	64QAM	50	0	15.43	0.035	15.45	0.035	15.51	0.036



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	19.85	0.097	19.89	0.097	19.92	0.098
5	QPSK	1	12	19.88	0.097	19.95	0.099	19.96	0.099
5	QPSK	1	24	19.58	0.091	19.61	0.091	19.66	0.092
5	QPSK	12	0	19.00	0.079	19.05	0.080	19.09	0.081
5	QPSK	12	7	18.71	0.074	18.72	0.074	18.83	0.076
5	QPSK	12	13	18.84	0.077	18.80	0.076	18.88	0.077
5	QPSK	25	0	18.62	0.073	18.60	0.072	18.69	0.074
5	16QAM	1	0	18.44	0.070	18.37	0.069	18.46	0.070
5	16QAM	1	12	18.41	0.069	18.36	0.069	18.45	0.070
5	16QAM	1	24	18.24	0.067	18.26	0.067	18.31	0.068
5	16QAM	12	0	18.06	0.064	18.05	0.064	18.14	0.065
5	16QAM	12	7	17.90	0.062	17.83	0.061	17.93	0.062
5	16QAM	12	13	18.17	0.066	18.15	0.065	18.22	0.066
5	16QAM	25	0	17.98	0.063	17.95	0.062	18.00	0.063
5	64QAM	1	0	17.19	0.052	17.23	0.053	17.25	0.053
5	64QAM	1	12	17.21	0.053	17.28	0.053	17.32	0.054
5	64QAM	1	24	17.10	0.051	17.16	0.052	17.22	0.053
5	64QAM	12	0	15.93	0.039	15.97	0.040	16.03	0.040
5	64QAM	12	7	15.79	0.038	15.84	0.038	15.86	0.039
5	64QAM	12	13	15.62	0.036	15.72	0.037	15.74	0.037
5	64QAM	25	0	15.51	0.036	15.51	0.036	15.61	0.036



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	19.85	0.097	19.79	0.095	19.91	0.098
3	QPSK	1	8	19.93	0.098	19.91	0.098	19.98	0.100
3	QPSK	1	14	19.69	0.093	19.69	0.093	19.70	0.093
3	QPSK	8	0	18.99	0.079	19.05	0.080	19.07	0.081
3	QPSK	8	4	18.79	0.076	18.75	0.075	18.86	0.077
3	QPSK	8	7	18.80	0.076	18.78	0.076	18.85	0.077
3	QPSK	15	0	18.51	0.071	18.58	0.072	18.63	0.073
3	16QAM	1	0	18.49	0.071	18.41	0.069	18.51	0.071
3	16QAM	1	8	18.23	0.067	18.29	0.067	18.35	0.068
3	16QAM	1	14	18.11	0.065	18.11	0.065	18.21	0.066
3	16QAM	8	0	18.06	0.064	18.05	0.064	18.12	0.065
3	16QAM	8	4	17.94	0.062	17.92	0.062	18.02	0.063
3	16QAM	8	7	17.83	0.061	17.82	0.061	17.87	0.061
3	16QAM	15	0	18.02	0.063	18.02	0.063	18.06	0.064
3	64QAM	1	0	17.17	0.052	17.19	0.052	17.28	0.053
3	64QAM	1	8	17.21	0.053	17.26	0.053	17.32	0.054
3	64QAM	1	14	17.16	0.052	17.12	0.052	17.24	0.053
3	64QAM	8	0	16.02	0.040	15.91	0.039	16.03	0.040
3	64QAM	8	4	15.79	0.038	15.72	0.037	15.84	0.038
3	64QAM	8	7	15.62	0.036	15.57	0.036	15.69	0.037
3	64QAM	15	0	15.52	0.036	15.56	0.036	15.58	0.036



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	19.88	0.097	19.93	0.098	19.95	0.099
1.4	QPSK	1	3	19.92	0.098	19.85	0.097	19.95	0.099
1.4	QPSK	1	5	19.57	0.091	19.63	0.092	19.68	0.093
1.4	QPSK	3	0	18.91	0.078	18.92	0.078	18.99	0.079
1.4	QPSK	3	1	18.83	0.076	18.86	0.077	18.93	0.078
1.4	QPSK	3	3	18.79	0.076	18.84	0.077	18.91	0.078
1.4	QPSK	6	0	18.54	0.071	18.53	0.071	18.63	0.073
1.4	16QAM	1	0	18.53	0.071	18.42	0.070	18.54	0.071
1.4	16QAM	1	3	18.27	0.067	18.28	0.067	18.37	0.069
1.4	16QAM	1	5	18.23	0.067	18.19	0.066	18.25	0.067
1.4	16QAM	3	0	18.00	0.063	17.99	0.063	18.10	0.065
1.4	16QAM	3	1	18.02	0.063	18.01	0.063	18.03	0.064
1.4	16QAM	3	3	18.17	0.066	18.19	0.066	18.22	0.066
1.4	16QAM	6	0	17.62	0.058	17.64	0.058	17.73	0.059
1.4	64QAM	1	0	18.21	0.066	18.20	0.066	18.22	0.066
1.4	64QAM	1	3	18.14	0.065	18.14	0.065	18.22	0.066
1.4	64QAM	1	5	18.03	0.064	17.97	0.063	18.05	0.064
1.4	64QAM	3	0	17.19	0.052	17.23	0.053	17.24	0.053
1.4	64QAM	3	1	17.08	0.051	17.05	0.051	17.09	0.051
1.4	64QAM	3	3	16.80	0.048	16.81	0.048	16.90	0.049
1.4	64QAM	6	0	15.75	0.038	15.71	0.037	15.82	0.038



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	/	/	19.93	0.098	/	/
10	QPSK	1	25	/	/	19.81	0.096	/	/
10	QPSK	1	49	/	/	19.79	0.095	/	/
10	QPSK	25	0	/	/	19.11	0.081	/	/
10	QPSK	25	12	/	/	19.14	0.082	/	/
10	QPSK	25	25	/	/	18.93	0.078	/	/
10	QPSK	50	0	/	/	18.85	0.077	/	/
10	16QAM	1	0	/	/	18.51	0.071	/	/
10	16QAM	1	25	/	/	18.59	0.072	/	/
10	16QAM	1	49	/	/	18.54	0.071	/	/
10	16QAM	25	0	/	/	18.06	0.064	/	/
10	16QAM	25	12	/	/	18.03	0.064	/	/
10	16QAM	25	25	/	/	17.98	0.063	/	/
10	16QAM	50	0	/	/	18.15	0.065	/	/
10	64QAM	1	0	/	/	17.40	0.055	/	/
10	64QAM	1	25	/	/	17.47	0.056	/	/
10	64QAM	1	49	/	/	17.32	0.054	/	/
10	64QAM	25	0	/	/	16.08	0.041	/	/
10	64QAM	25	12	/	/	15.99	0.040	/	/
10	64QAM	25	25	/	/	15.86	0.039	/	/
10	64QAM	50	0	/	/	15.64	0.037	/	/



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	19.88	0.097	19.80	0.095	19.80	0.095
5	QPSK	1	12	19.85	0.097	19.79	0.095	19.81	0.096
5	QPSK	1	24	19.69	0.093	19.68	0.093	19.63	0.092
5	QPSK	12	0	19.08	0.081	18.99	0.079	19.04	0.080
5	QPSK	12	7	19.14	0.082	19.09	0.081	19.03	0.080
5	QPSK	12	13	18.90	0.078	18.89	0.077	18.89	0.077
5	QPSK	25	0	18.79	0.076	18.69	0.074	18.76	0.075
5	16QAM	1	0	18.58	0.072	18.55	0.072	18.47	0.070
5	16QAM	1	12	18.50	0.071	18.49	0.071	18.45	0.070
5	16QAM	1	24	18.57	0.072	18.47	0.070	18.46	0.070
5	16QAM	12	0	18.15	0.065	18.11	0.065	18.08	0.064
5	16QAM	12	7	18.06	0.064	17.97	0.063	17.95	0.062
5	16QAM	12	13	18.19	0.066	18.09	0.064	18.13	0.065
5	16QAM	25	0	18.07	0.064	18.01	0.063	17.98	0.063
5	64QAM	1	0	17.44	0.055	17.43	0.055	17.37	0.055
5	64QAM	1	12	17.40	0.055	17.38	0.055	17.33	0.054
5	64QAM	1	24	17.31	0.054	17.27	0.053	17.20	0.052
5	64QAM	12	0	16.16	0.041	16.12	0.041	16.06	0.040
5	64QAM	12	7	15.99	0.040	15.89	0.039	15.98	0.040
5	64QAM	12	13	15.83	0.038	15.77	0.038	15.82	0.038
5	64QAM	25	0	15.74	0.037	15.68	0.037	15.70	0.037



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	19.90	0.098	19.78	0.095	19.84	0.096
3	QPSK	1	8	19.79	0.095	19.68	0.093	19.75	0.094
3	QPSK	1	14	19.76	0.095	19.67	0.093	19.69	0.093
3	QPSK	8	0	19.17	0.083	19.10	0.081	19.08	0.081
3	QPSK	8	4	19.14	0.082	19.02	0.080	19.05	0.080
3	QPSK	8	7	18.95	0.079	18.87	0.077	18.83	0.076
3	QPSK	15	0	18.78	0.076	18.74	0.075	18.69	0.074
3	16QAM	1	0	18.56	0.072	18.47	0.070	18.46	0.070
3	16QAM	1	8	18.53	0.071	18.46	0.070	18.45	0.070
3	16QAM	1	14	18.56	0.072	18.46	0.070	18.47	0.070
3	16QAM	8	0	18.10	0.065	18.08	0.064	18.07	0.064
3	16QAM	8	4	18.03	0.064	17.99	0.063	17.91	0.062
3	16QAM	8	7	17.89	0.062	17.88	0.061	17.88	0.061
3	16QAM	15	0	18.11	0.065	18.06	0.064	18.09	0.064
3	64QAM	1	0	17.45	0.056	17.36	0.054	17.43	0.055
3	64QAM	1	8	17.46	0.056	17.34	0.054	17.40	0.055
3	64QAM	1	14	17.33	0.054	17.26	0.053	17.25	0.053
3	64QAM	8	0	16.12	0.041	16.08	0.041	16.07	0.040
3	64QAM	8	4	16.04	0.040	15.92	0.039	15.99	0.040
3	64QAM	8	7	15.80	0.038	15.72	0.037	15.71	0.037
3	64QAM	15	0	15.68	0.037	15.57	0.036	15.63	0.037



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	19.94	0.099	19.86	0.097	19.83	0.096
1.4	QPSK	1	3	19.82	0.096	19.78	0.095	19.81	0.096
1.4	QPSK	1	5	19.73	0.094	19.69	0.093	19.62	0.092
1.4	QPSK	3	0	19.11	0.081	19.06	0.081	19.10	0.081
1.4	QPSK	3	1	19.15	0.082	19.11	0.081	19.14	0.082
1.4	QPSK	3	3	18.90	0.078	18.84	0.077	18.79	0.076
1.4	QPSK	6	0	18.84	0.077	18.74	0.075	18.79	0.076
1.4	16QAM	1	0	18.56	0.072	18.44	0.070	18.51	0.071
1.4	16QAM	1	3	18.55	0.072	18.52	0.071	18.48	0.070
1.4	16QAM	1	5	18.49	0.071	18.45	0.070	18.37	0.069
1.4	16QAM	3	0	18.11	0.065	18.07	0.064	18.08	0.064
1.4	16QAM	3	1	18.12	0.065	18.03	0.064	18.05	0.064
1.4	16QAM	3	3	18.23	0.067	18.14	0.065	18.13	0.065
1.4	16QAM	6	0	17.84	0.061	17.80	0.060	17.78	0.060
1.4	64QAM	1	0	18.30	0.068	18.18	0.066	18.26	0.067
1.4	64QAM	1	3	18.37	0.069	18.33	0.068	18.28	0.067
1.4	64QAM	1	5	18.20	0.066	18.15	0.065	18.19	0.066
1.4	64QAM	3	0	17.28	0.053	17.20	0.052	17.22	0.053
1.4	64QAM	3	1	17.23	0.053	17.11	0.051	17.19	0.052
1.4	64QAM	3	3	17.01	0.050	16.96	0.050	16.98	0.050
1.4	64QAM	6	0	16.05	0.040	15.96	0.039	16.01	0.040



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	/	/	23.25	0.211	/	/
10	QPSK	1	25	/	/	23.17	0.207	/	/
10	QPSK	1	49	/	/	22.84	0.192	/	/
10	QPSK	25	0	/	/	22.29	0.169	/	/
10	QPSK	25	12	/	/	22.26	0.168	/	/
10	QPSK	25	25	/	/	22.08	0.161	/	/
10	QPSK	50	0	/	/	21.92	0.156	/	/
10	16QAM	1	0	/	/	21.72	0.149	/	/
10	16QAM	1	25	/	/	21.70	0.148	/	/
10	16QAM	1	49	/	/	21.55	0.143	/	/
10	16QAM	25	0	/	/	21.39	0.138	/	/
10	16QAM	25	12	/	/	21.29	0.135	/	/
10	16QAM	25	25	/	/	21.26	0.134	/	/
10	16QAM	50	0	/	/	21.16	0.131	/	/
10	64QAM	1	0	/	/	20.56	0.114	/	/
10	64QAM	1	25	/	/	20.53	0.113	/	/
10	64QAM	1	49	/	/	20.51	0.112	/	/
10	64QAM	25	0	/	/	19.36	0.086	/	/
10	64QAM	25	12	/	/	19.15	0.082	/	/
10	64QAM	25	25	/	/	19.07	0.081	/	/
10	64QAM	50	0	/	/	18.95	0.079	/	/



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	23.09	0.204	23.22	0.210	23.17	0.207
5	QPSK	1	12	23.05	0.202	23.24	0.211	23.20	0.209
5	QPSK	1	24	22.95	0.197	22.77	0.189	22.99	0.199
5	QPSK	12	0	22.43	0.175	22.30	0.170	22.29	0.169
5	QPSK	12	7	22.36	0.172	22.27	0.169	22.14	0.164
5	QPSK	12	13	22.11	0.163	22.11	0.163	22.17	0.165
5	QPSK	25	0	21.92	0.156	21.98	0.158	21.86	0.153
5	16QAM	1	0	21.84	0.153	21.74	0.149	21.73	0.149
5	16QAM	1	12	21.72	0.149	21.67	0.147	21.57	0.144
5	16QAM	1	24	21.82	0.152	21.60	0.145	21.51	0.142
5	16QAM	12	0	21.44	0.139	21.45	0.140	21.29	0.135
5	16QAM	12	7	21.29	0.135	21.20	0.132	21.15	0.130
5	16QAM	12	13	21.22	0.132	21.18	0.131	21.13	0.130
5	16QAM	25	0	21.08	0.128	21.18	0.131	21.05	0.127
5	64QAM	1	0	20.70	0.117	20.59	0.115	20.53	0.113
5	64QAM	1	12	20.71	0.118	20.57	0.114	20.63	0.116
5	64QAM	1	24	20.60	0.115	20.47	0.111	20.54	0.113
5	64QAM	12	0	19.39	0.087	19.44	0.088	19.20	0.083
5	64QAM	12	7	19.27	0.085	19.17	0.083	19.14	0.082
5	64QAM	12	13	19.08	0.081	18.99	0.079	18.99	0.079
5	64QAM	25	0	18.93	0.078	19.03	0.080	18.72	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	28.79	0.757	28.94	0.783	28.70	0.741
20	QPSK	1	49	28.78	0.755	28.82	0.762	28.82	0.762
20	QPSK	1	99	28.65	0.733	28.66	0.735	28.66	0.735
20	QPSK	50	0	27.39	0.548	27.65	0.582	27.35	0.543
20	QPSK	50	24	27.50	0.562	27.43	0.553	27.43	0.553
20	QPSK	50	50	27.43	0.553	27.39	0.548	27.39	0.548
20	QPSK	100	0	27.56	0.570	27.64	0.581	27.55	0.569
20	16QAM	1	0	27.29	0.536	27.42	0.552	27.42	0.552
20	16QAM	1	49	27.37	0.546	27.13	0.516	27.18	0.522
20	16QAM	1	99	27.21	0.526	27.46	0.557	27.46	0.557
20	16QAM	50	0	26.92	0.492	26.81	0.480	26.81	0.480
20	16QAM	50	24	27.14	0.518	26.91	0.491	26.91	0.491
20	16QAM	50	50	26.93	0.493	26.76	0.474	26.76	0.474
20	16QAM	100	0	26.73	0.471	26.64	0.461	26.64	0.461
20	64QAM	1	0	26.44	0.441	26.45	0.442	26.45	0.442
20	64QAM	1	49	26.57	0.454	26.45	0.442	26.45	0.442
20	64QAM	1	99	26.60	0.457	26.43	0.440	26.43	0.440
20	64QAM	50	0	25.58	0.361	25.49	0.354	25.49	0.354
20	64QAM	50	24	25.64	0.366	25.51	0.356	25.51	0.356
20	64QAM	50	50	25.38	0.345	25.35	0.343	25.35	0.343
20	64QAM	100	0	25.32	0.340	25.51	0.356	25.51	0.356



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	28.71	0.743	28.86	0.769	28.62	0.728
15	QPSK	1	37	28.70	0.741	28.74	0.748	28.74	0.748
15	QPSK	1	74	28.57	0.719	28.58	0.721	28.58	0.721
15	QPSK	36	0	27.31	0.538	27.27	0.533	27.27	0.533
15	QPSK	36	20	27.42	0.552	27.35	0.543	27.35	0.543
15	QPSK	36	39	27.35	0.543	27.31	0.538	27.31	0.538
15	QPSK	75	0	27.48	0.560	27.47	0.558	27.47	0.558
15	16QAM	1	0	27.21	0.526	27.34	0.542	27.34	0.542
15	16QAM	1	37	27.29	0.536	27.13	0.516	27.13	0.516
15	16QAM	1	74	27.13	0.516	27.38	0.547	27.38	0.547
15	16QAM	36	0	26.84	0.483	26.73	0.471	26.73	0.471
15	16QAM	36	20	27.06	0.508	26.83	0.482	26.83	0.482
15	16QAM	36	39	26.85	0.484	26.68	0.466	26.68	0.466
15	16QAM	75	0	26.65	0.462	26.56	0.453	26.56	0.453
15	64QAM	1	0	26.36	0.433	26.37	0.434	26.37	0.434
15	64QAM	1	37	26.49	0.446	26.37	0.434	26.37	0.434
15	64QAM	1	74	26.52	0.449	26.35	0.432	26.35	0.432
15	64QAM	36	0	25.50	0.355	25.41	0.348	25.41	0.348
15	64QAM	36	20	25.56	0.360	25.43	0.349	25.43	0.349
15	64QAM	36	39	25.30	0.339	25.27	0.337	25.27	0.337
15	64QAM	75	0	25.24	0.334	25.43	0.349	25.43	0.349



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	28.63	0.729	28.78	0.755	28.54	0.714
10	QPSK	1	25	28.62	0.728	28.66	0.735	28.66	0.735
10	QPSK	1	49	28.49	0.706	28.50	0.708	28.50	0.708
10	QPSK	25	0	27.23	0.528	27.19	0.524	27.19	0.524
10	QPSK	25	12	27.34	0.542	27.27	0.533	27.27	0.533
10	QPSK	25	25	27.27	0.533	27.23	0.528	27.23	0.528
10	QPSK	50	0	27.40	0.550	27.39	0.548	27.39	0.548
10	16QAM	1	0	27.13	0.516	27.26	0.532	27.26	0.532
10	16QAM	1	25	27.29	0.536	27.13	0.516	27.13	0.516
10	16QAM	1	49	27.13	0.516	27.38	0.547	27.38	0.547
10	16QAM	25	0	26.76	0.474	26.65	0.462	26.65	0.462
10	16QAM	25	12	26.98	0.499	26.75	0.473	26.75	0.473
10	16QAM	25	25	26.77	0.475	26.60	0.457	26.60	0.457
10	16QAM	50	0	26.57	0.454	26.48	0.445	26.48	0.445
10	64QAM	1	0	26.28	0.425	26.29	0.426	26.29	0.426
10	64QAM	1	25	26.41	0.438	26.29	0.426	26.29	0.426
10	64QAM	1	49	26.44	0.441	26.27	0.424	26.27	0.424
10	64QAM	25	0	25.42	0.348	25.33	0.341	25.33	0.341
10	64QAM	25	12	25.48	0.353	25.35	0.343	25.35	0.343
10	64QAM	25	25	25.22	0.333	25.19	0.330	25.19	0.330
10	64QAM	50	0	25.16	0.328	25.35	0.343	25.35	0.343



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	28.58	0.721	28.73	0.746	28.49	0.706
5	QPSK	1	12	28.57	0.719	28.61	0.726	28.61	0.726
5	QPSK	1	24	28.44	0.698	28.45	0.700	28.45	0.700
5	QPSK	12	0	27.18	0.522	27.14	0.518	27.14	0.518
5	QPSK	12	7	27.29	0.536	27.22	0.527	27.22	0.527
5	QPSK	12	13	27.22	0.527	27.18	0.522	27.18	0.522
5	QPSK	25	0	27.35	0.543	27.34	0.542	27.34	0.542
5	16QAM	1	0	27.14	0.518	27.27	0.533	27.27	0.533
5	16QAM	1	12	27.30	0.537	27.14	0.518	27.14	0.518
5	16QAM	1	24	27.14	0.518	27.33	0.541	27.33	0.541
5	16QAM	12	0	26.71	0.469	26.60	0.457	26.60	0.457
5	16QAM	12	7	26.93	0.493	26.70	0.468	26.70	0.468
5	16QAM	12	13	26.72	0.470	26.55	0.452	26.55	0.452
5	16QAM	25	0	26.52	0.449	26.43	0.440	26.43	0.440
5	64QAM	1	0	26.23	0.420	26.24	0.421	26.24	0.421
5	64QAM	1	12	26.36	0.433	26.24	0.421	26.24	0.421
5	64QAM	1	24	26.39	0.436	26.22	0.419	26.22	0.419
5	64QAM	12	0	25.37	0.344	25.28	0.337	25.28	0.337
5	64QAM	12	7	25.43	0.349	25.30	0.339	25.30	0.339
5	64QAM	12	13	25.17	0.329	25.14	0.327	25.14	0.327
5	64QAM	25	0	25.17	0.329	25.30	0.339	25.30	0.339



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	26.63	0.460	26.79	0.478	26.57	0.454
20	QPSK	1	49	26.66	0.463	26.70	0.468	26.70	0.468
20	QPSK	1	99	26.53	0.450	26.54	0.451	26.54	0.451
20	QPSK	50	0	25.90	0.389	26.15	0.412	25.86	0.385
20	QPSK	50	24	26.01	0.399	25.94	0.393	25.94	0.393
20	QPSK	50	50	25.94	0.393	25.90	0.389	25.90	0.389
20	QPSK	100	0	26.07	0.405	26.12	0.409	26.06	0.404
20	16QAM	1	0	25.80	0.380	25.93	0.392	25.93	0.392
20	16QAM	1	49	25.88	0.387	25.63	0.366	25.63	0.366
20	16QAM	1	99	25.72	0.373	25.97	0.395	25.97	0.395
20	16QAM	50	0	25.43	0.349	25.32	0.340	25.32	0.340
20	16QAM	50	24	25.65	0.367	25.42	0.348	25.42	0.348
20	16QAM	50	50	25.44	0.350	25.27	0.337	25.27	0.337
20	16QAM	100	0	25.24	0.334	25.15	0.327	25.15	0.327
20	64QAM	1	0	24.95	0.313	24.96	0.313	24.96	0.313
20	64QAM	1	49	25.08	0.322	24.96	0.313	24.96	0.313
20	64QAM	1	99	25.11	0.324	24.94	0.312	24.94	0.312
20	64QAM	50	0	24.09	0.256	24.00	0.251	24.00	0.251
20	64QAM	50	24	24.15	0.260	24.02	0.252	24.02	0.252
20	64QAM	50	50	23.89	0.245	23.86	0.243	23.86	0.243
20	64QAM	100	0	23.83	0.242	24.02	0.252	24.02	0.252



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	26.55	0.452	26.71	0.469	26.49	0.446
15	QPSK	1	37	26.58	0.455	26.62	0.459	26.62	0.459
15	QPSK	1	74	26.45	0.442	26.46	0.443	26.46	0.443
15	QPSK	36	0	25.82	0.382	25.78	0.378	25.78	0.378
15	QPSK	36	20	25.93	0.392	25.86	0.385	25.86	0.385
15	QPSK	36	39	25.86	0.385	25.82	0.382	25.82	0.382
15	QPSK	75	0	25.99	0.397	25.98	0.396	25.98	0.396
15	16QAM	1	0	25.72	0.373	25.85	0.385	25.85	0.385
15	16QAM	1	37	25.80	0.380	25.55	0.359	25.55	0.359
15	16QAM	1	74	25.64	0.366	25.89	0.388	25.89	0.388
15	16QAM	36	0	25.35	0.343	25.24	0.334	25.24	0.334
15	16QAM	36	20	25.57	0.361	25.34	0.342	25.34	0.342
15	16QAM	36	39	25.36	0.344	25.19	0.330	25.19	0.330
15	16QAM	75	0	25.16	0.328	25.07	0.321	25.07	0.321
15	64QAM	1	0	24.87	0.307	24.88	0.308	24.88	0.308
15	64QAM	1	37	25.00	0.316	24.88	0.308	24.88	0.308
15	64QAM	1	74	25.03	0.318	24.86	0.306	24.86	0.306
15	64QAM	36	0	24.01	0.252	23.92	0.247	23.92	0.247
15	64QAM	36	20	24.07	0.255	23.94	0.248	23.94	0.248
15	64QAM	36	39	23.81	0.240	23.78	0.239	23.78	0.239
15	64QAM	75	0	23.75	0.237	23.94	0.248	23.94	0.248



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	26.47	0.444	26.63	0.460	26.41	0.438
10	QPSK	1	25	26.50	0.447	26.54	0.451	26.54	0.451
10	QPSK	1	49	26.37	0.434	26.38	0.435	26.38	0.435
10	QPSK	25	0	25.74	0.375	25.70	0.372	25.70	0.372
10	QPSK	25	12	25.85	0.385	25.78	0.378	25.78	0.378
10	QPSK	25	25	25.78	0.378	25.74	0.375	25.74	0.375
10	QPSK	50	0	25.91	0.390	25.90	0.389	25.90	0.389
10	16QAM	1	0	25.64	0.366	25.77	0.378	25.77	0.378
10	16QAM	1	25	25.72	0.373	25.47	0.352	25.47	0.352
10	16QAM	1	49	25.56	0.360	25.81	0.381	25.81	0.381
10	16QAM	25	0	25.27	0.337	25.16	0.328	25.16	0.328
10	16QAM	25	12	25.49	0.354	25.26	0.336	25.26	0.336
10	16QAM	25	25	25.28	0.337	25.11	0.324	25.11	0.324
10	16QAM	50	0	25.08	0.322	24.99	0.316	24.99	0.316
10	64QAM	1	0	24.79	0.301	24.80	0.302	24.80	0.302
10	64QAM	1	25	24.92	0.310	24.80	0.302	24.80	0.302
10	64QAM	1	49	24.95	0.313	24.78	0.301	24.78	0.301
10	64QAM	25	0	23.93	0.247	23.84	0.242	23.84	0.242
10	64QAM	25	12	23.99	0.251	23.86	0.243	23.86	0.243
10	64QAM	25	25	23.73	0.236	23.70	0.234	23.70	0.234
10	64QAM	50	0	23.67	0.233	23.86	0.243	23.86	0.243



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	26.42	0.439	26.58	0.455	26.36	0.433
5	QPSK	1	12	26.45	0.442	26.49	0.446	26.49	0.446
5	QPSK	1	24	26.32	0.429	26.33	0.430	26.33	0.430
5	QPSK	12	0	25.69	0.371	25.65	0.367	25.65	0.367
5	QPSK	12	7	25.80	0.380	25.73	0.374	25.73	0.374
5	QPSK	12	13	25.73	0.374	25.69	0.371	25.69	0.371
5	QPSK	25	0	25.86	0.385	25.85	0.385	25.85	0.385
5	16QAM	1	0	25.59	0.362	25.72	0.373	25.72	0.373
5	16QAM	1	12	25.67	0.369	25.42	0.348	25.42	0.348
5	16QAM	1	24	25.51	0.356	25.76	0.377	25.76	0.377
5	16QAM	12	0	25.22	0.333	25.11	0.324	25.11	0.324
5	16QAM	12	7	25.44	0.350	25.21	0.332	25.21	0.332
5	16QAM	12	13	25.23	0.333	25.06	0.321	25.06	0.321
5	16QAM	25	0	25.03	0.318	24.94	0.312	24.94	0.312
5	64QAM	1	0	24.74	0.298	24.75	0.299	24.75	0.299
5	64QAM	1	12	24.87	0.307	24.75	0.299	24.75	0.299
5	64QAM	1	24	24.90	0.309	24.73	0.297	24.73	0.297
5	64QAM	12	0	23.88	0.244	23.79	0.239	23.79	0.239
5	64QAM	12	7	23.94	0.248	23.81	0.240	23.81	0.240
5	64QAM	12	13	23.68	0.233	23.65	0.232	23.65	0.232
5	64QAM	25	0	23.62	0.230	23.81	0.240	23.81	0.240



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	21.15	0.130	21.26	0.134	21.14	0.130
20	QPSK	1	49	21.09	0.129	21.15	0.130	21.14	0.130
20	QPSK	1	99	20.82	0.121	20.86	0.122	20.84	0.121
20	QPSK	50	0	20.03	0.101	20.10	0.102	20.08	0.102
20	QPSK	50	24	19.98	0.100	20.03	0.101	19.94	0.099
20	QPSK	50	50	19.87	0.097	19.94	0.099	19.92	0.098
20	QPSK	100	0	19.66	0.092	19.77	0.095	19.70	0.093
20	16QAM	1	0	20.49	0.112	20.51	0.112	20.48	0.112
20	16QAM	1	49	20.38	0.109	20.46	0.111	20.37	0.109
20	16QAM	1	99	20.36	0.109	20.39	0.109	20.32	0.108
20	16QAM	50	0	18.87	0.077	18.93	0.078	18.82	0.076
20	16QAM	50	24	18.66	0.073	18.80	0.076	18.62	0.073
20	16QAM	50	50	18.51	0.071	18.62	0.073	18.50	0.071
20	16QAM	100	0	18.29	0.067	18.47	0.070	18.43	0.070
20	64QAM	1	0	19.01	0.080	19.03	0.080	18.96	0.079
20	64QAM	1	49	18.93	0.078	18.96	0.079	18.93	0.078
20	64QAM	1	99	18.93	0.078	18.93	0.078	18.81	0.076
20	64QAM	50	0	17.72	0.059	17.81	0.060	17.66	0.058
20	64QAM	50	24	17.59	0.057	17.65	0.058	17.62	0.058
20	64QAM	50	50	17.38	0.055	17.52	0.056	17.34	0.054
20	64QAM	100	0	17.31	0.054	17.36	0.054	17.29	0.054



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	21.12	0.129	21.17	0.131	21.13	0.130
15	QPSK	1	37	21.01	0.126	21.08	0.128	21.05	0.127
15	QPSK	1	74	20.79	0.120	20.80	0.120	20.80	0.120
15	QPSK	36	0	19.96	0.099	20.06	0.101	20.05	0.101
15	QPSK	36	20	20.14	0.103	20.13	0.103	20.04	0.101
15	QPSK	36	39	20.02	0.100	20.02	0.100	20.08	0.102
15	QPSK	75	0	20.02	0.100	20.14	0.103	20.01	0.100
15	16QAM	1	0	20.36	0.109	20.38	0.109	20.44	0.111
15	16QAM	1	37	20.35	0.108	20.38	0.109	20.28	0.107
15	16QAM	1	74	20.31	0.107	20.33	0.108	20.24	0.106
15	16QAM	36	0	18.86	0.077	18.89	0.077	18.73	0.075
15	16QAM	36	20	18.56	0.072	18.67	0.074	18.50	0.071
15	16QAM	36	39	18.42	0.070	18.59	0.072	18.48	0.070
15	16QAM	75	0	18.19	0.066	18.37	0.069	18.41	0.069
15	64QAM	1	0	18.91	0.078	18.98	0.079	18.91	0.078
15	64QAM	1	37	18.82	0.076	18.90	0.078	18.92	0.078
15	64QAM	1	74	18.80	0.076	18.84	0.077	18.76	0.075
15	64QAM	36	0	17.59	0.057	17.69	0.059	17.63	0.058
15	64QAM	36	20	17.49	0.056	17.62	0.058	17.59	0.057
15	64QAM	36	39	17.25	0.053	17.40	0.055	17.28	0.053
15	64QAM	75	0	17.19	0.052	17.28	0.053	17.26	0.053



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	21.13	0.130	21.19	0.132	21.01	0.126
10	QPSK	1	25	21.07	0.128	21.14	0.130	21.07	0.128
10	QPSK	1	49	20.80	0.120	20.80	0.120	20.79	0.120
10	QPSK	25	0	19.96	0.099	20.07	0.102	19.96	0.099
10	QPSK	25	12	20.08	0.102	20.13	0.103	20.05	0.101
10	QPSK	25	25	19.97	0.099	20.07	0.102	20.04	0.101
10	QPSK	50	0	19.76	0.095	19.85	0.097	19.80	0.095
10	16QAM	1	0	20.41	0.110	20.44	0.111	20.45	0.111
10	16QAM	1	25	20.30	0.107	20.36	0.109	20.33	0.108
10	16QAM	1	49	20.30	0.107	20.28	0.107	20.24	0.106
10	16QAM	25	0	18.76	0.075	18.82	0.076	18.77	0.075
10	16QAM	25	12	18.65	0.073	18.67	0.074	18.49	0.071
10	16QAM	25	25	18.40	0.069	18.57	0.072	18.40	0.069
10	16QAM	50	0	18.24	0.067	18.45	0.070	18.30	0.068
10	64QAM	1	0	18.90	0.078	18.99	0.079	18.83	0.076
10	64QAM	1	25	18.82	0.076	18.84	0.077	18.89	0.077
10	64QAM	1	49	18.85	0.077	18.84	0.077	18.74	0.075
10	64QAM	25	0	17.70	0.059	17.71	0.059	17.64	0.058
10	64QAM	25	12	17.47	0.056	17.60	0.058	17.59	0.057
10	64QAM	25	25	17.26	0.053	17.42	0.055	17.29	0.054
10	64QAM	50	0	17.23	0.053	17.33	0.054	17.18	0.052



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	21.06	0.128	21.15	0.130	21.03	0.127
5	QPSK	1	12	20.99	0.126	21.02	0.126	21.01	0.126
5	QPSK	1	24	20.79	0.120	20.75	0.119	20.74	0.119
5	QPSK	12	0	19.59	0.091	19.69	0.093	19.66	0.092
5	QPSK	12	7	19.58	0.091	19.66	0.092	19.54	0.090
5	QPSK	12	13	19.43	0.088	19.53	0.090	19.56	0.090
5	QPSK	25	0	19.19	0.083	19.34	0.086	19.25	0.084
5	16QAM	1	0	20.12	0.103	20.08	0.102	20.06	0.101
5	16QAM	1	12	19.98	0.100	20.10	0.102	19.96	0.099
5	16QAM	1	24	19.94	0.099	20.03	0.101	19.88	0.097
5	16QAM	12	0	18.80	0.076	18.81	0.076	18.69	0.074
5	16QAM	12	7	18.59	0.072	18.76	0.075	18.49	0.071
5	16QAM	12	13	18.45	0.070	18.51	0.071	18.38	0.069
5	16QAM	25	0	18.22	0.066	18.38	0.069	18.40	0.069
5	64QAM	1	0	18.94	0.078	18.91	0.078	18.86	0.077
5	64QAM	1	12	18.88	0.077	18.91	0.078	18.89	0.077
5	64QAM	1	24	18.91	0.078	18.80	0.076	18.69	0.074
5	64QAM	12	0	17.63	0.058	17.64	0.058	17.54	0.057
5	64QAM	12	7	17.53	0.057	17.61	0.058	17.50	0.056
5	64QAM	12	13	17.35	0.054	17.46	0.056	17.21	0.053
5	64QAM	25	0	17.21	0.053	17.25	0.053	17.24	0.053



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	21.08	0.128	21.15	0.130	21.13	0.130
3	QPSK	1	8	21.05	0.127	21.11	0.129	21.01	0.126
3	QPSK	1	14	20.79	0.120	20.74	0.119	20.71	0.118
3	QPSK	8	0	19.55	0.090	19.65	0.092	19.68	0.093
3	QPSK	8	4	19.53	0.090	19.62	0.092	19.47	0.089
3	QPSK	8	7	19.41	0.087	19.51	0.089	19.48	0.089
3	QPSK	15	0	19.27	0.085	19.39	0.087	19.33	0.086
3	16QAM	1	0	20.05	0.101	20.11	0.103	20.08	0.102
3	16QAM	1	8	19.96	0.099	20.02	0.100	19.98	0.100
3	16QAM	1	14	19.96	0.099	19.95	0.099	19.93	0.098
3	16QAM	8	0	18.86	0.077	18.87	0.077	18.73	0.075
3	16QAM	8	4	18.57	0.072	18.70	0.074	18.49	0.071
3	16QAM	8	7	18.38	0.069	18.58	0.072	18.39	0.069
3	16QAM	15	0	18.25	0.067	18.43	0.070	18.38	0.069
3	64QAM	1	0	18.90	0.078	18.91	0.078	18.88	0.077
3	64QAM	1	8	18.91	0.078	18.87	0.077	18.87	0.077
3	64QAM	1	14	18.91	0.078	18.90	0.078	18.68	0.074
3	64QAM	8	0	17.69	0.059	17.74	0.059	17.53	0.057
3	64QAM	8	4	17.47	0.056	17.62	0.058	17.56	0.057
3	64QAM	8	7	17.26	0.053	17.44	0.055	17.30	0.054
3	64QAM	15	0	17.28	0.053	17.35	0.054	17.16	0.052



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	21.03	0.127	21.10	0.129	21.08	0.128
1.4	QPSK	1	3	21.00	0.126	21.06	0.128	20.96	0.125
1.4	QPSK	1	5	20.74	0.119	20.69	0.117	20.66	0.116
1.4	QPSK	3	0	21.01	0.126	21.11	0.129	21.14	0.130
1.4	QPSK	3	1	20.99	0.126	21.08	0.128	20.93	0.124
1.4	QPSK	3	3	20.87	0.122	20.97	0.125	20.94	0.124
1.4	QPSK	6	0	19.22	0.084	19.34	0.086	19.28	0.085
1.4	16QAM	1	0	20.00	0.100	20.06	0.101	20.03	0.101
1.4	16QAM	1	3	19.91	0.098	19.97	0.099	19.93	0.098
1.4	16QAM	1	5	19.91	0.098	19.90	0.098	19.88	0.097
1.4	16QAM	3	0	19.81	0.096	19.82	0.096	19.68	0.093
1.4	16QAM	3	1	19.52	0.090	19.65	0.092	19.44	0.088
1.4	16QAM	3	3	19.33	0.086	19.53	0.090	19.34	0.086
1.4	16QAM	6	0	18.20	0.066	18.38	0.069	18.33	0.068
1.4	64QAM	1	0	18.85	0.077	18.86	0.077	18.83	0.076
1.4	64QAM	1	3	18.86	0.077	18.82	0.076	18.82	0.076
1.4	64QAM	1	5	18.86	0.077	18.85	0.077	18.63	0.073
1.4	64QAM	3	0	18.64	0.073	18.69	0.074	18.48	0.070
1.4	64QAM	3	1	18.42	0.070	18.57	0.072	18.51	0.071
1.4	64QAM	3	3	18.21	0.066	18.39	0.069	18.25	0.067
1.4	64QAM	6	0	17.23	0.053	17.30	0.054	17.11	0.051



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	19.69	0.093	19.80	0.095	19.68	0.093
20	QPSK	1	49	19.63	0.092	19.69	0.093	19.68	0.093
20	QPSK	1	99	19.36	0.086	19.40	0.087	19.38	0.087
20	QPSK	50	0	19.08	0.081	19.15	0.082	19.13	0.082
20	QPSK	50	24	19.03	0.080	19.08	0.081	18.99	0.079
20	QPSK	50	50	18.92	0.078	18.99	0.079	18.97	0.079
20	QPSK	100	0	18.90	0.078	19.01	0.080	18.94	0.078
20	16QAM	1	0	19.54	0.090	19.56	0.090	19.53	0.090
20	16QAM	1	49	19.43	0.088	19.51	0.089	19.42	0.087
20	16QAM	1	99	19.41	0.087	19.44	0.088	19.37	0.086
20	16QAM	50	0	17.92	0.062	17.98	0.063	17.87	0.061
20	16QAM	50	24	17.71	0.059	17.85	0.061	17.67	0.058
20	16QAM	50	50	17.56	0.057	17.67	0.058	17.55	0.057
20	16QAM	100	0	17.34	0.054	17.52	0.056	17.48	0.056
20	64QAM	1	0	18.06	0.064	18.08	0.064	18.01	0.063
20	64QAM	1	49	17.98	0.063	18.01	0.063	17.98	0.063
20	64QAM	1	99	17.98	0.063	17.98	0.063	17.86	0.061
20	64QAM	50	0	16.77	0.048	16.86	0.049	16.71	0.047
20	64QAM	50	24	16.64	0.046	16.70	0.047	16.67	0.046
20	64QAM	50	50	16.43	0.044	16.57	0.045	16.39	0.044
20	64QAM	100	0	16.36	0.043	16.41	0.044	16.34	0.043



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	19.59	0.091	19.73	0.094	19.67	0.093
15	QPSK	1	37	19.62	0.092	19.59	0.091	19.67	0.093
15	QPSK	1	74	19.30	0.085	19.36	0.086	19.32	0.086
15	QPSK	36	0	19.04	0.080	19.05	0.080	19.00	0.079
15	QPSK	36	20	19.00	0.079	19.05	0.080	18.91	0.078
15	QPSK	36	39	19.04	0.080	19.09	0.081	19.08	0.081
15	QPSK	75	0	18.84	0.077	18.93	0.078	18.85	0.077
15	16QAM	1	0	19.41	0.087	19.48	0.089	19.50	0.089
15	16QAM	1	37	19.32	0.086	19.47	0.089	19.38	0.087
15	16QAM	1	74	19.35	0.086	19.32	0.086	19.24	0.084
15	16QAM	36	0	17.91	0.062	17.86	0.061	17.74	0.059
15	16QAM	36	20	17.67	0.058	17.79	0.060	17.59	0.057
15	16QAM	36	39	17.50	0.056	17.55	0.057	17.49	0.056
15	16QAM	75	0	17.29	0.054	17.41	0.055	17.35	0.054
15	64QAM	1	0	17.98	0.063	18.02	0.063	17.93	0.062
15	64QAM	1	37	17.93	0.062	17.88	0.061	17.92	0.062
15	64QAM	1	74	17.97	0.063	17.89	0.062	17.73	0.059
15	64QAM	36	0	16.70	0.047	16.78	0.048	16.63	0.046
15	64QAM	36	20	16.56	0.045	16.64	0.046	16.56	0.045
15	64QAM	36	39	16.35	0.043	16.55	0.045	16.32	0.043
15	64QAM	75	0	16.26	0.042	16.32	0.043	16.24	0.042



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	19.60	0.091	19.74	0.094	19.59	0.091
10	QPSK	1	25	19.56	0.090	19.58	0.091	19.63	0.092
10	QPSK	1	49	19.34	0.086	19.35	0.086	19.35	0.086
10	QPSK	25	0	19.07	0.081	19.09	0.081	19.09	0.081
10	QPSK	25	12	18.98	0.079	19.04	0.080	18.95	0.079
10	QPSK	25	25	19.06	0.081	19.09	0.081	19.07	0.081
10	QPSK	50	0	18.78	0.076	19.00	0.079	18.83	0.076
10	16QAM	1	0	19.49	0.089	19.55	0.090	19.42	0.087
10	16QAM	1	25	19.34	0.086	19.39	0.087	19.38	0.087
10	16QAM	1	49	19.30	0.085	19.35	0.086	19.31	0.085
10	16QAM	25	0	17.81	0.060	17.82	0.061	17.76	0.060
10	16QAM	25	12	17.63	0.058	17.81	0.060	17.62	0.058
10	16QAM	25	25	17.44	0.055	17.62	0.058	17.44	0.055
10	16QAM	50	0	17.30	0.054	17.39	0.055	17.40	0.055
10	64QAM	1	0	18.04	0.064	17.98	0.063	17.92	0.062
10	64QAM	1	25	17.90	0.062	17.98	0.063	17.89	0.062
10	64QAM	1	49	17.96	0.063	17.85	0.061	17.74	0.059
10	64QAM	25	0	16.71	0.047	16.72	0.047	16.62	0.046
10	64QAM	25	12	16.59	0.046	16.67	0.046	16.55	0.045
10	64QAM	25	25	16.41	0.044	16.52	0.045	16.26	0.042
10	64QAM	50	0	16.27	0.042	16.32	0.043	16.26	0.042



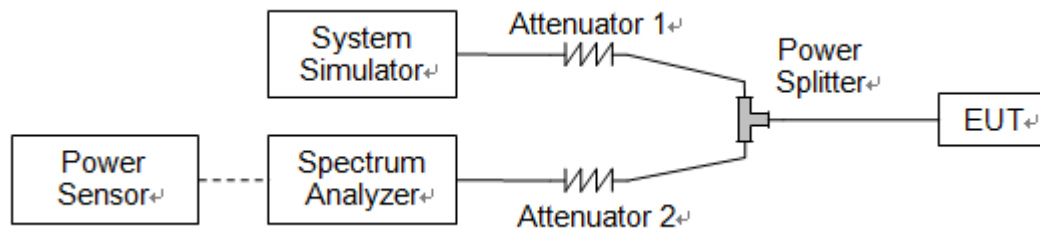
LTE Band71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.63	0.092	19.69	0.093	19.60	0.091
5	QPSK	1	12	19.59	0.091	19.61	0.091	19.65	0.092
5	QPSK	1	24	19.24	0.084	19.36	0.086	19.25	0.084
5	QPSK	12	0	18.96	0.079	19.03	0.080	19.12	0.082
5	QPSK	12	7	18.91	0.078	19.04	0.080	18.92	0.078
5	QPSK	12	13	19.04	0.080	19.15	0.082	19.08	0.081
5	QPSK	25	0	18.79	0.076	18.98	0.079	18.86	0.077
5	16QAM	1	0	19.44	0.088	19.45	0.088	19.49	0.089
5	16QAM	1	12	19.36	0.086	19.50	0.089	19.32	0.086
5	16QAM	1	24	19.32	0.086	19.37	0.086	19.31	0.085
5	16QAM	12	0	17.82	0.061	17.85	0.061	17.82	0.061
5	16QAM	12	7	17.62	0.058	17.77	0.060	17.54	0.057
5	16QAM	12	13	17.43	0.055	17.62	0.058	17.44	0.055
5	16QAM	25	0	17.25	0.053	17.39	0.055	17.46	0.056
5	64QAM	1	0	18.03	0.064	18.01	0.063	17.93	0.062
5	64QAM	1	12	17.90	0.062	17.91	0.062	17.86	0.061
5	64QAM	1	24	17.85	0.061	17.86	0.061	17.78	0.060
5	64QAM	12	0	16.64	0.046	16.74	0.047	16.64	0.046
5	64QAM	12	7	16.63	0.046	16.64	0.046	16.56	0.045
5	64QAM	12	13	16.30	0.043	16.54	0.045	16.37	0.043
5	64QAM	25	0	16.29	0.043	16.40	0.044	16.29	0.043

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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



REPORT No.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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.: SZ23040073W02

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



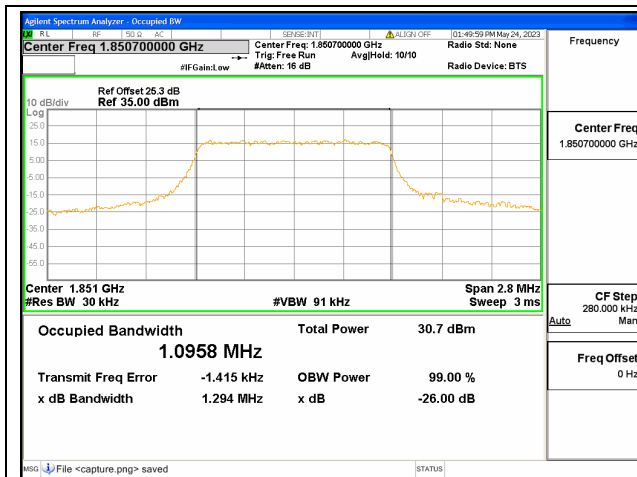
REPORT No.: SZ23040073W02

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

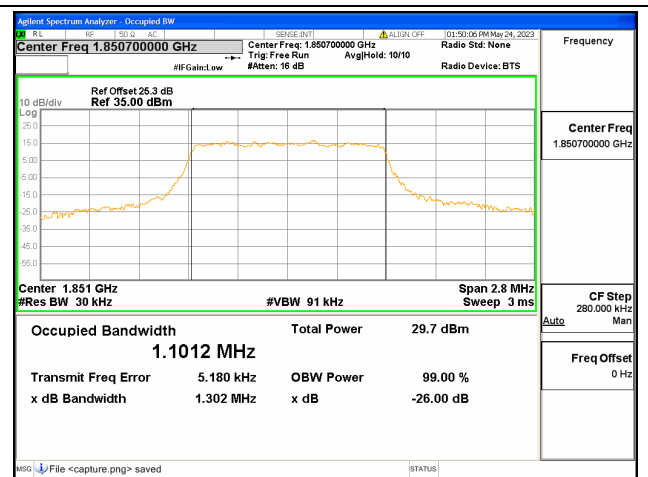


REPORT No.: SZ23040073W02

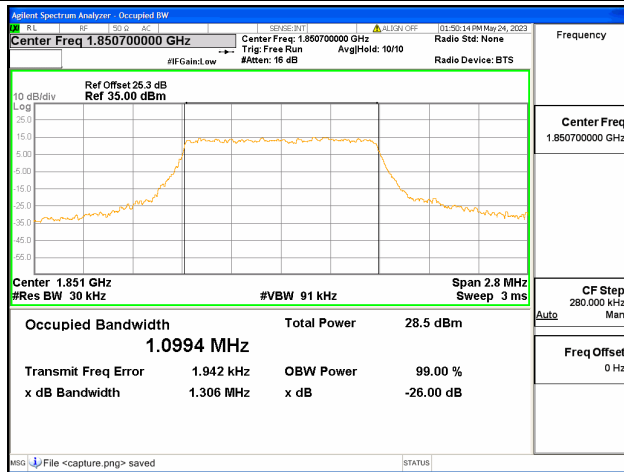
B71	5	Low	133147	665.5	16QAM	4.50	4.97	PASS
B71	5	Low	133147	665.5	64QAM	4.48	4.97	PASS
B71	5	Mid	133297	680.5	QPSK	4.50	5.04	PASS
B71	5	Mid	133297	680.5	16QAM	4.51	4.99	PASS
B71	5	Mid	133297	680.5	64QAM	4.50	4.95	PASS
B71	5	High	133447	695.5	QPSK	4.52	5.04	PASS
B71	5	High	133447	695.5	16QAM	4.51	4.95	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
B71	20	High	133372	688	16QAM	17.94	19.50	PASS
B71	20	High	133372	688	64QAM	17.93	19.46	PASS



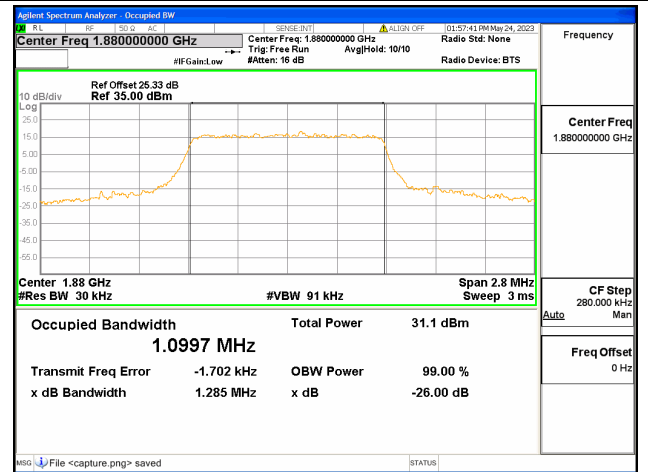
Band2 / 1.4MHz / QPSK/ Low CH



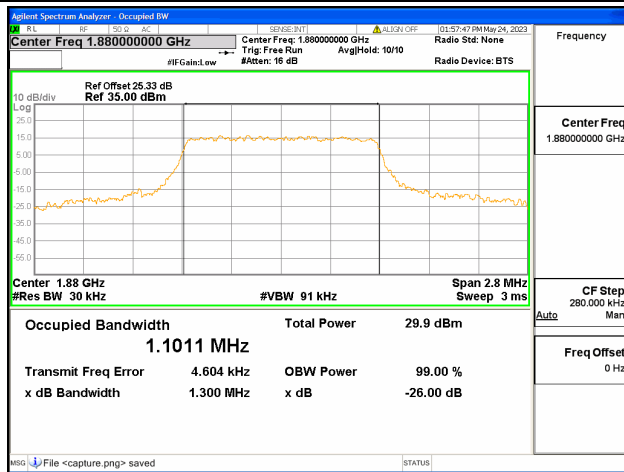
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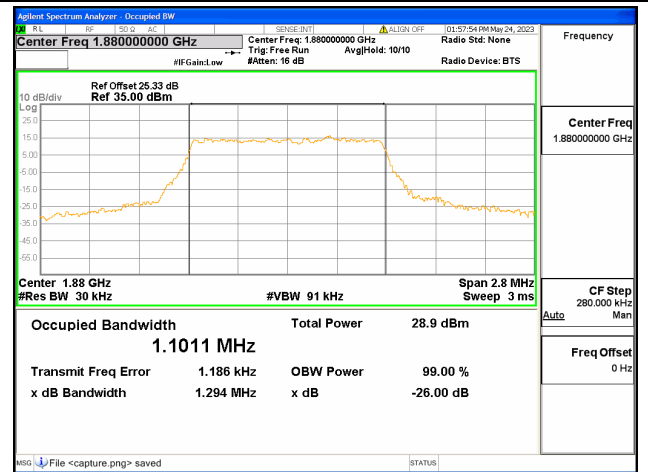
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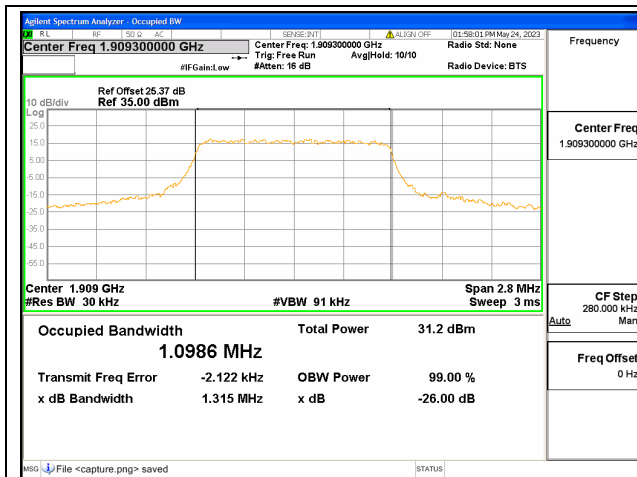
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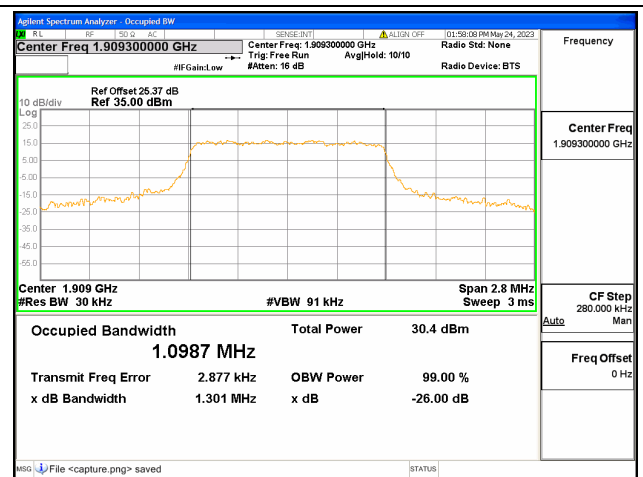
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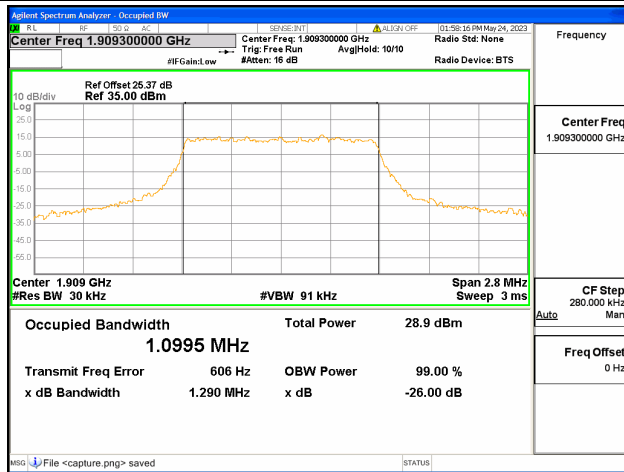
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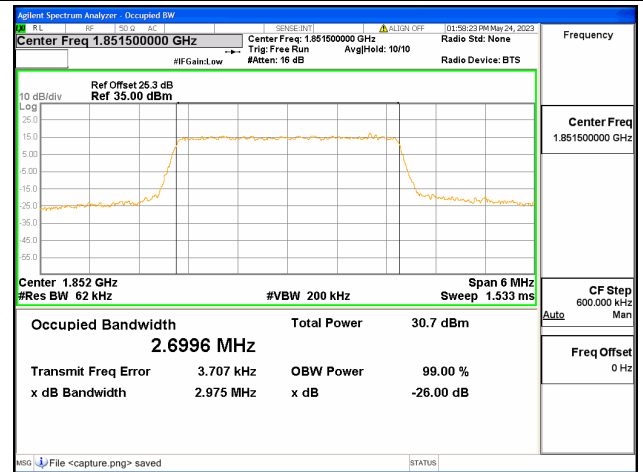
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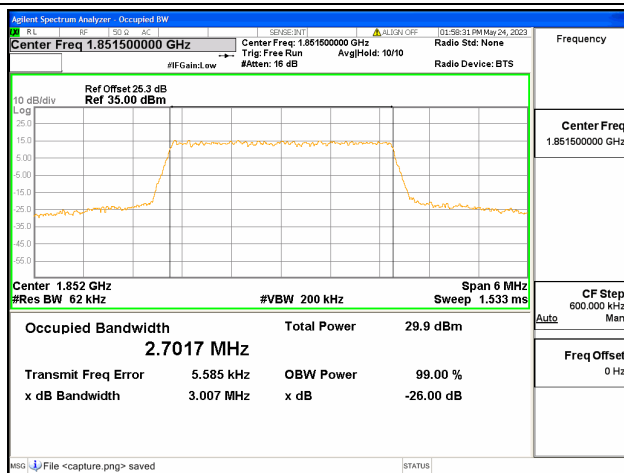
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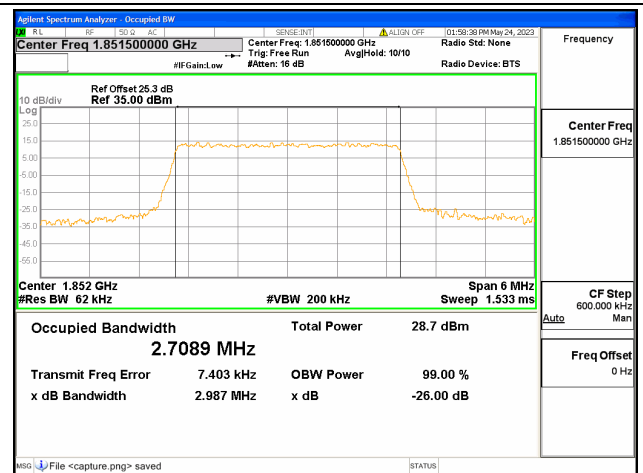
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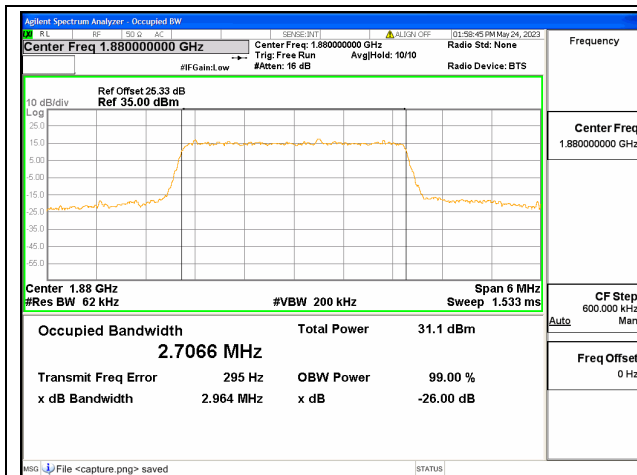
Band2 / 3MHz / QPSK/ Low CH



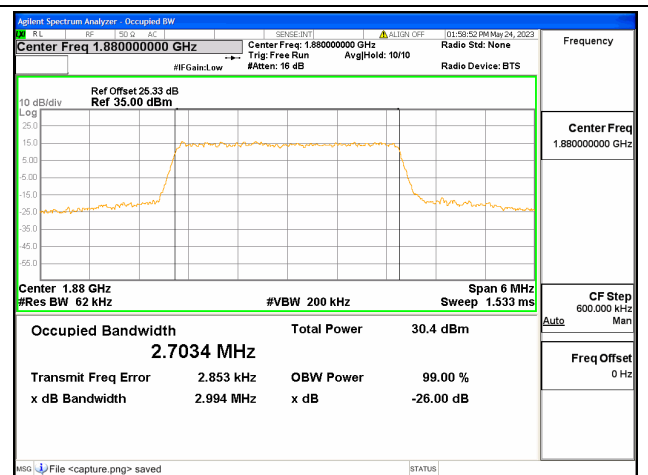
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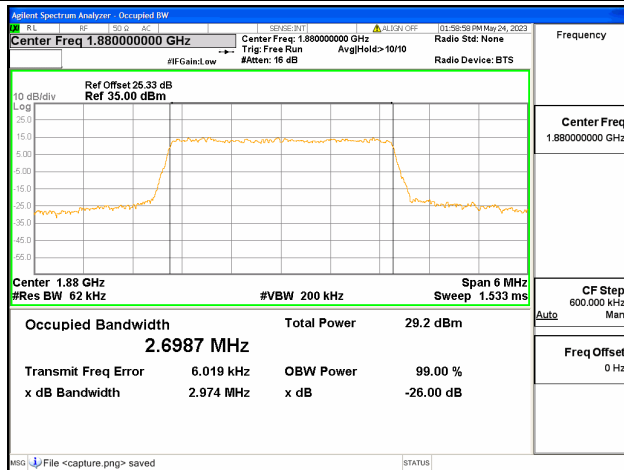
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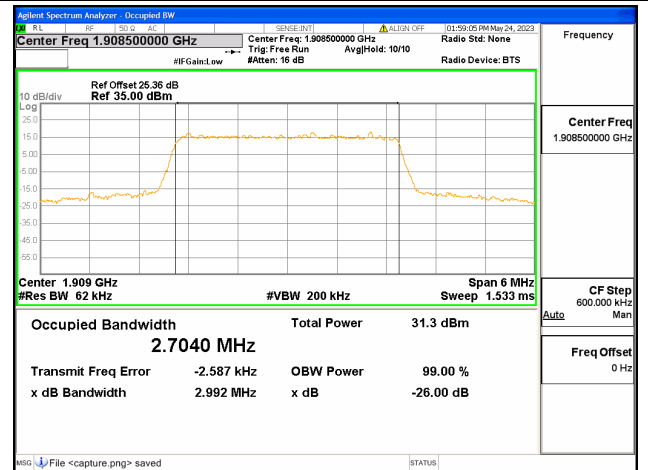
Band2 / 3MHz / QPSK/ Mid CH



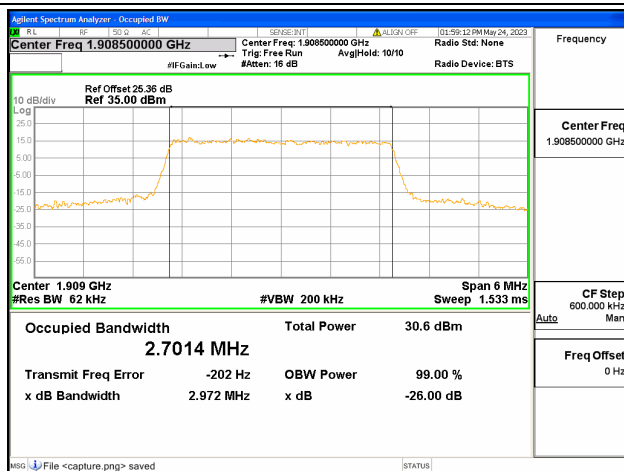
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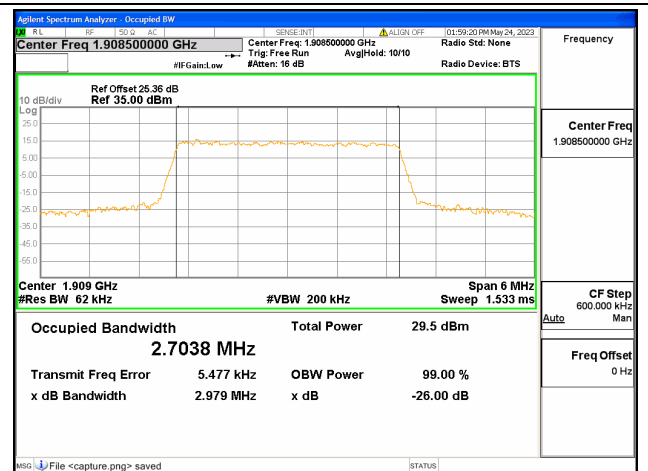
Band2 / 3MHz / 64QAM/ Mid CH



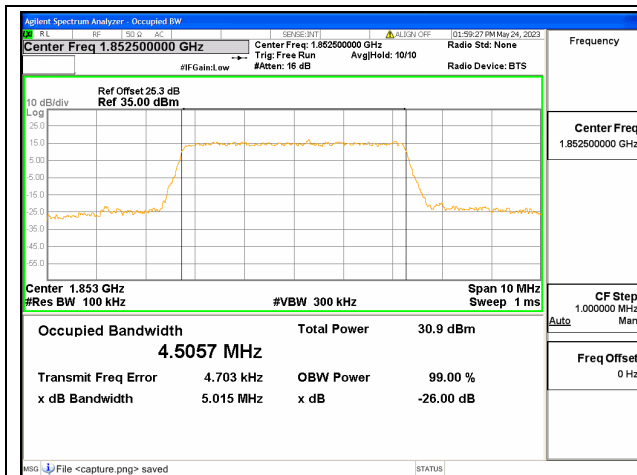
Band2 / 3MHz / QPSK/ High CH



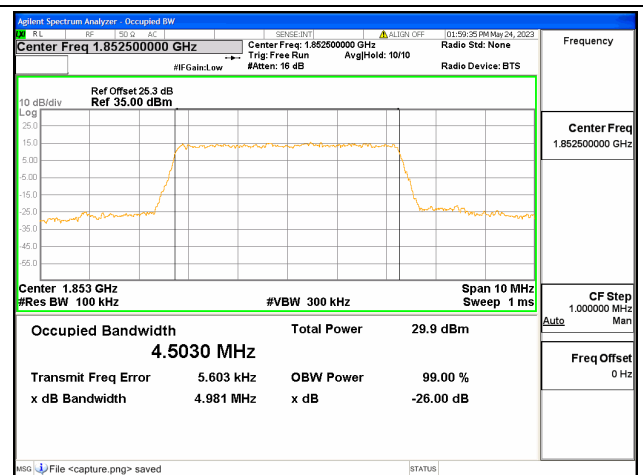
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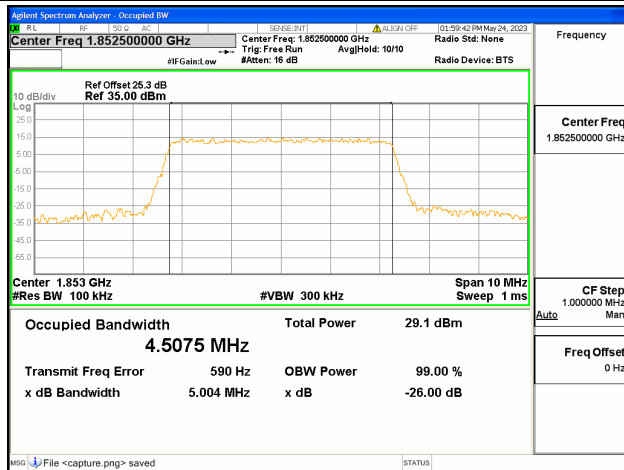
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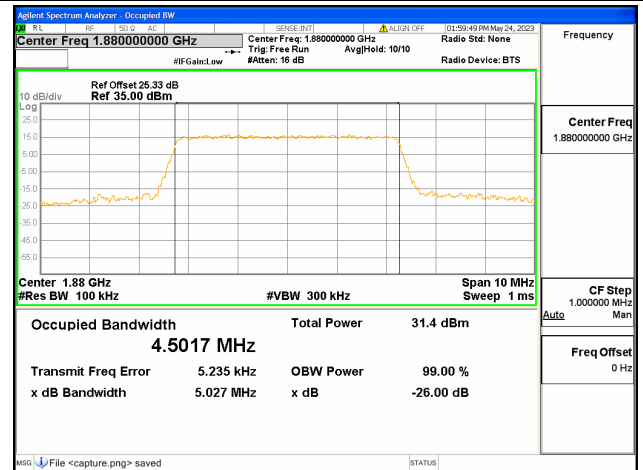
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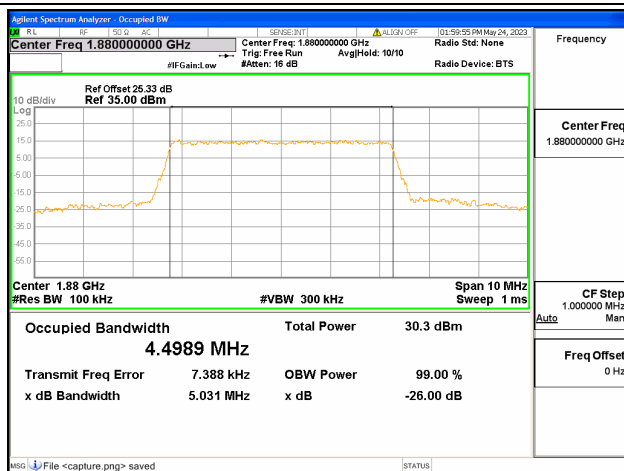
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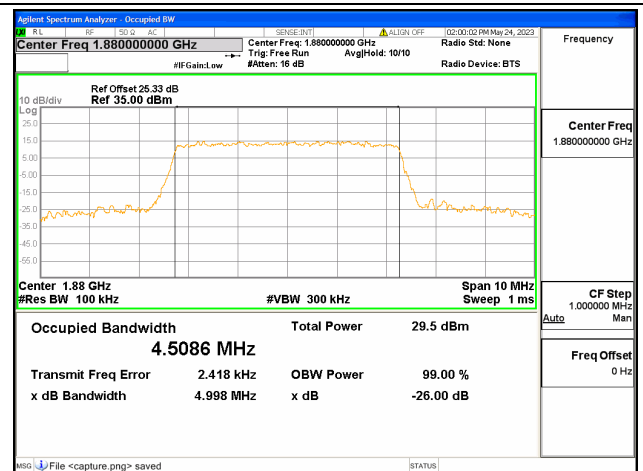
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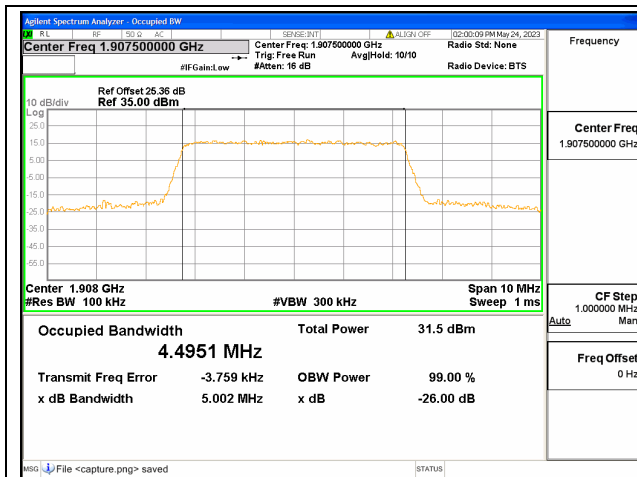
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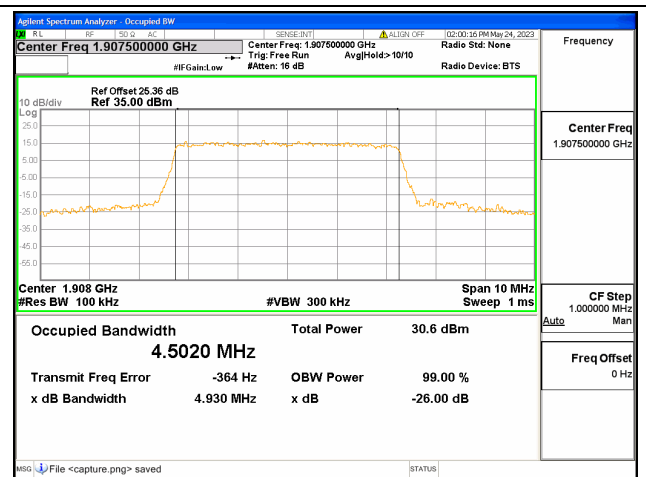
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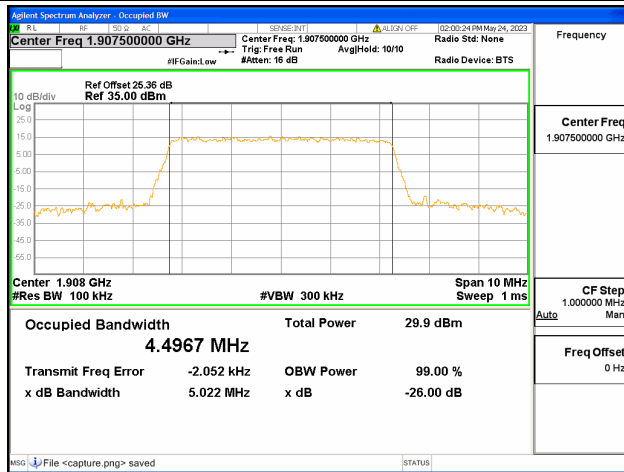
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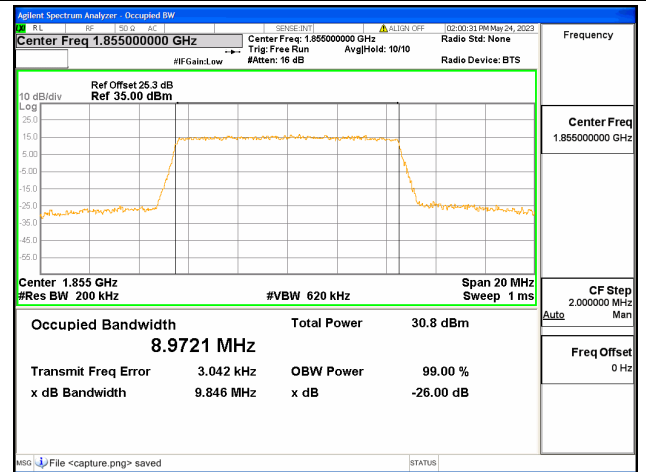
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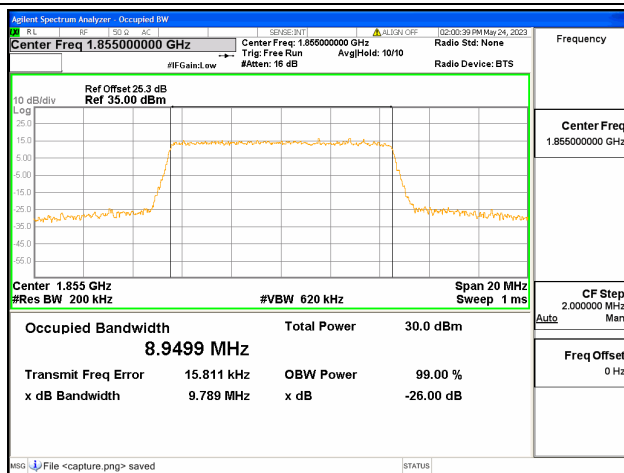
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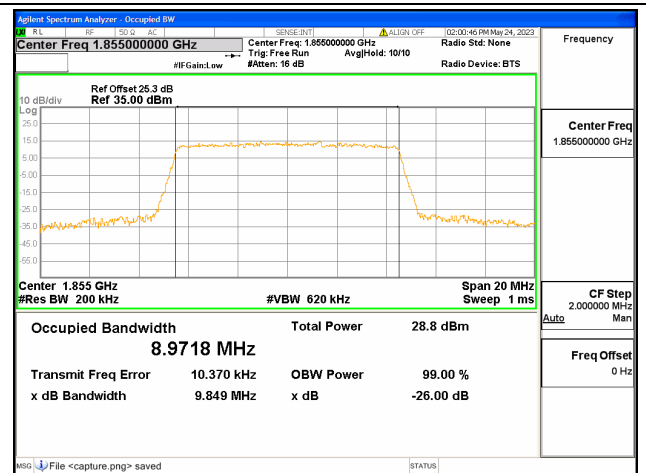
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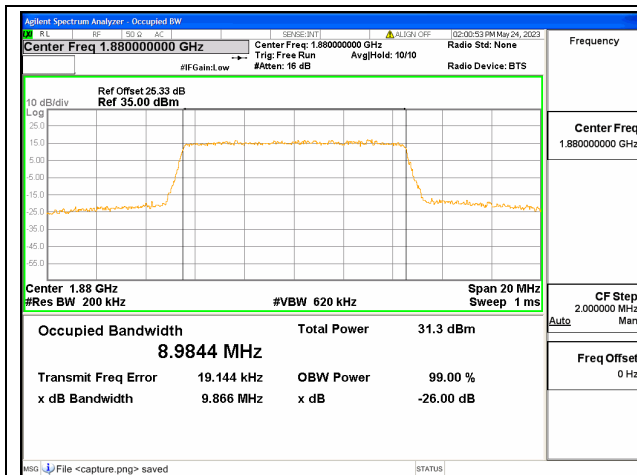
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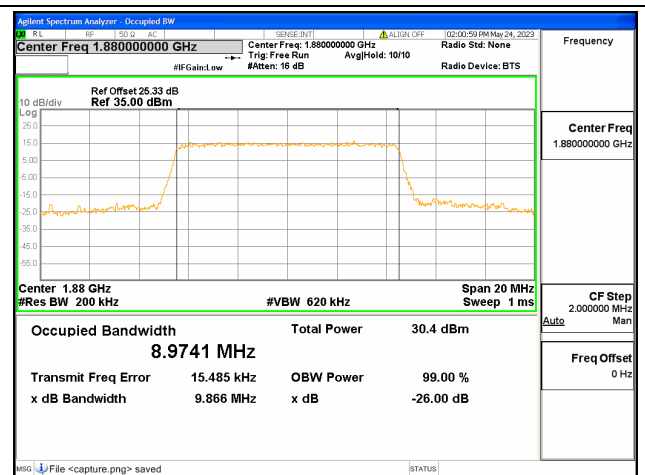
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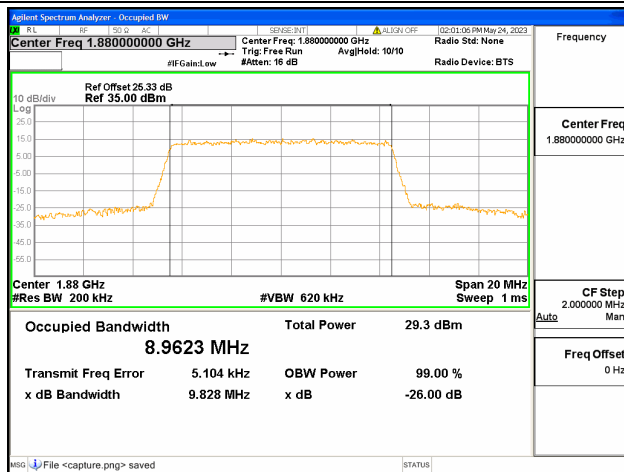
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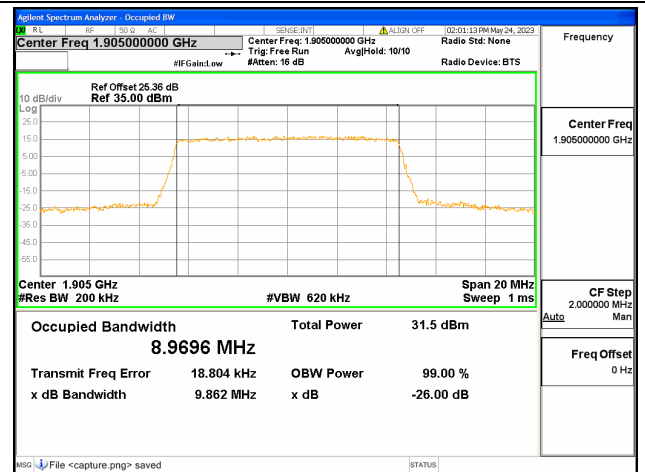
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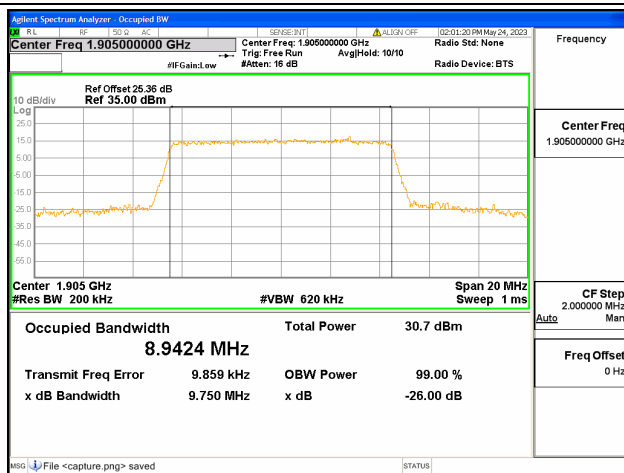
Band2 / 10MHz / 16QAM/ Mid CH



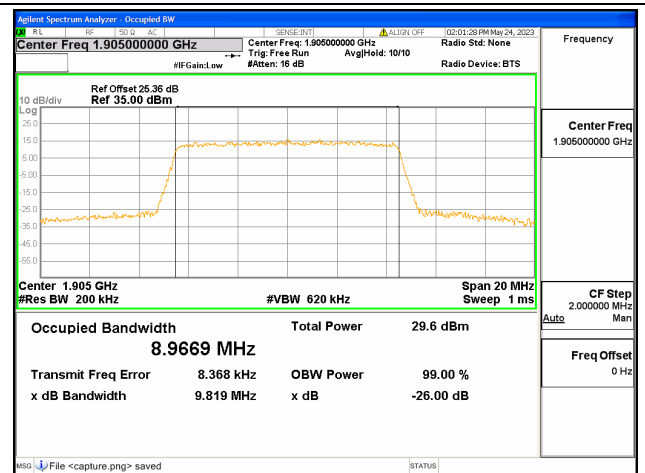
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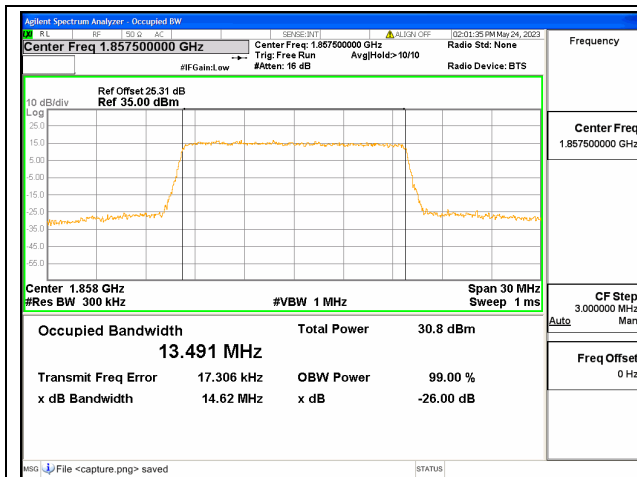
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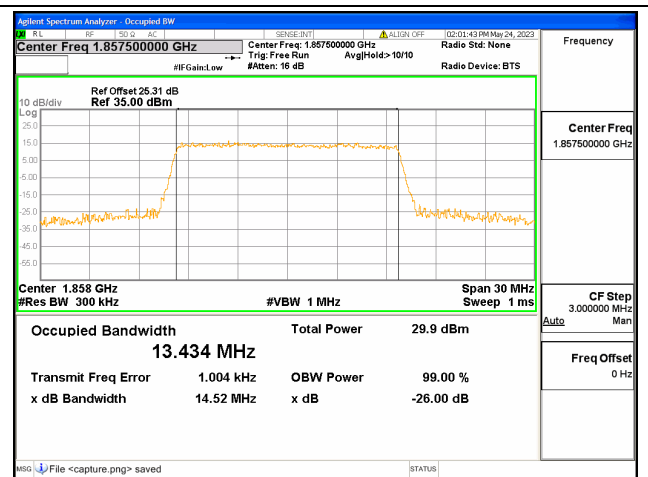
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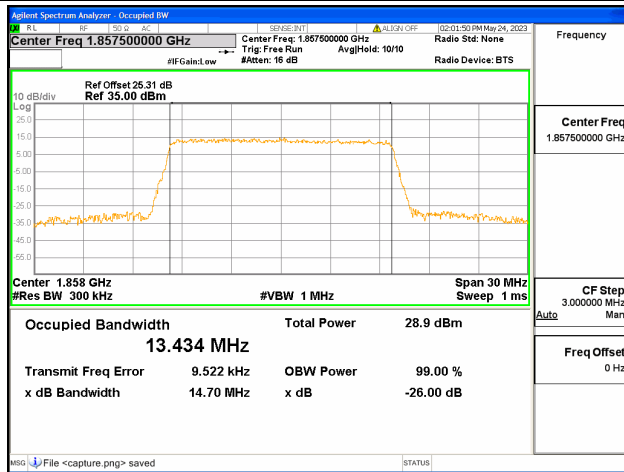
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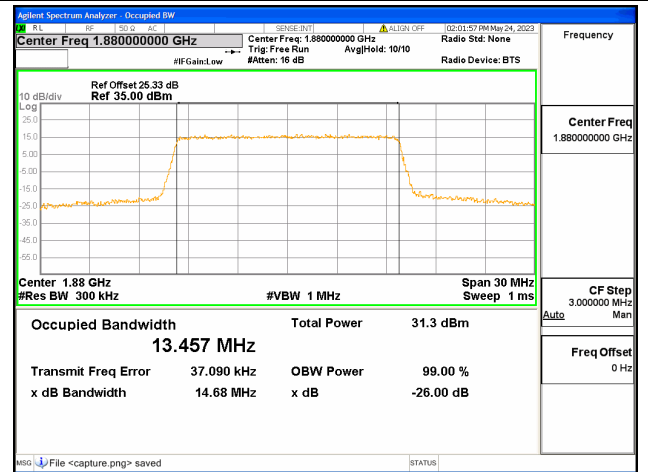
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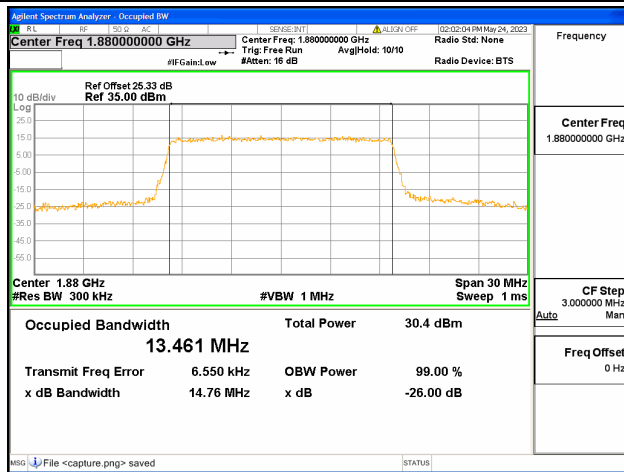
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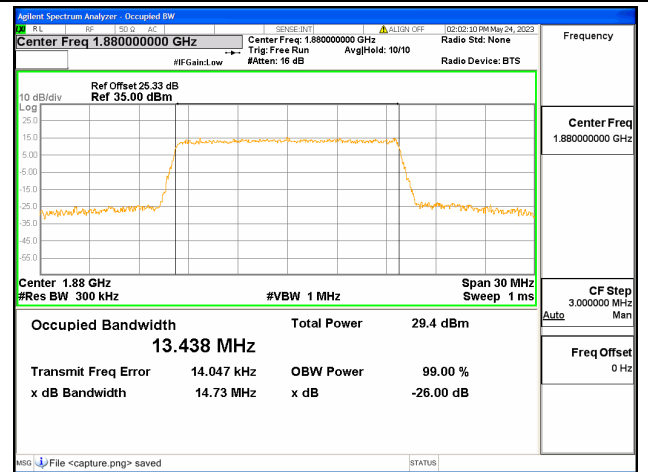
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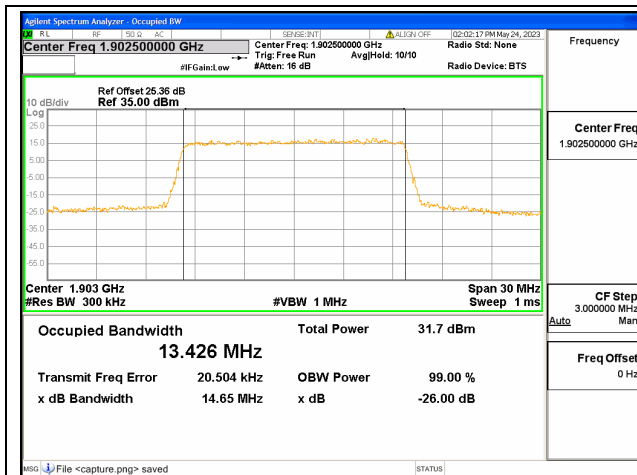
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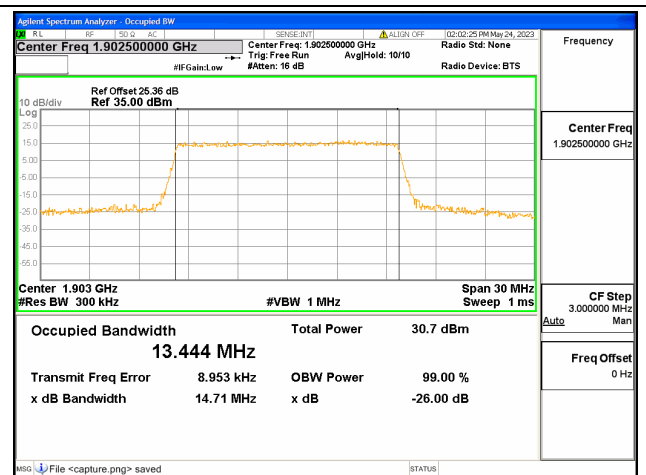
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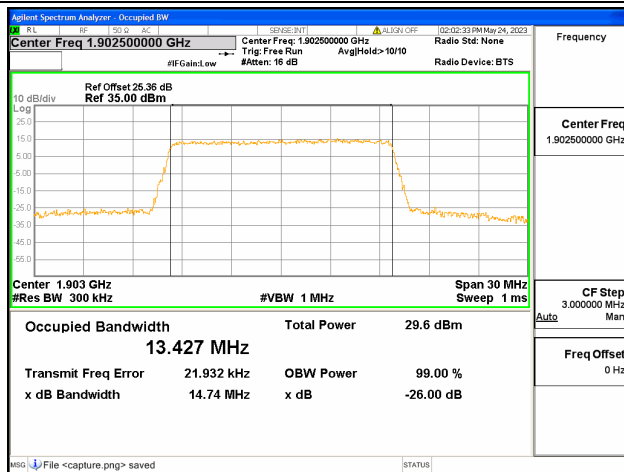
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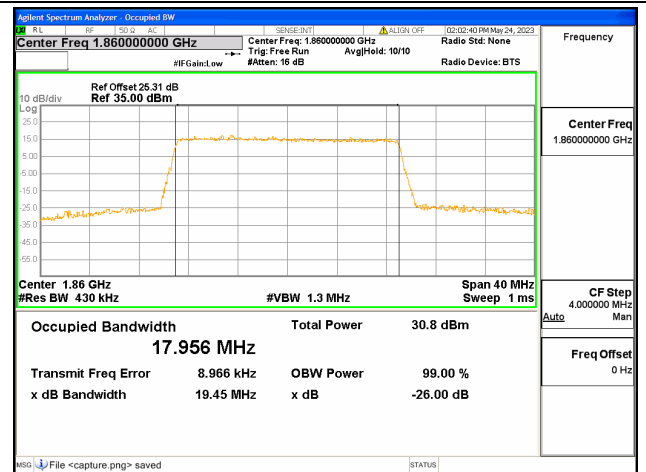
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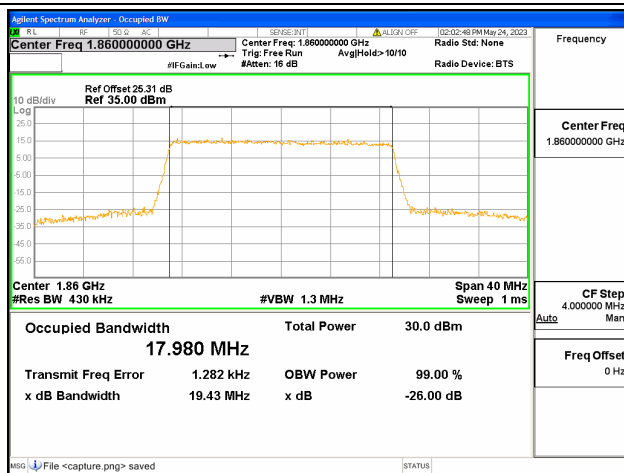
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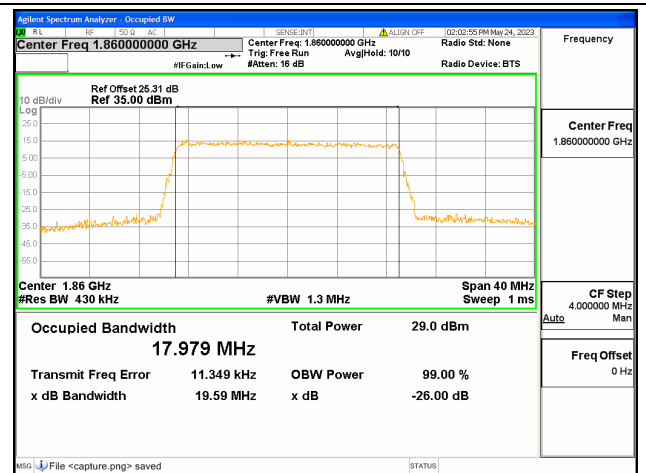
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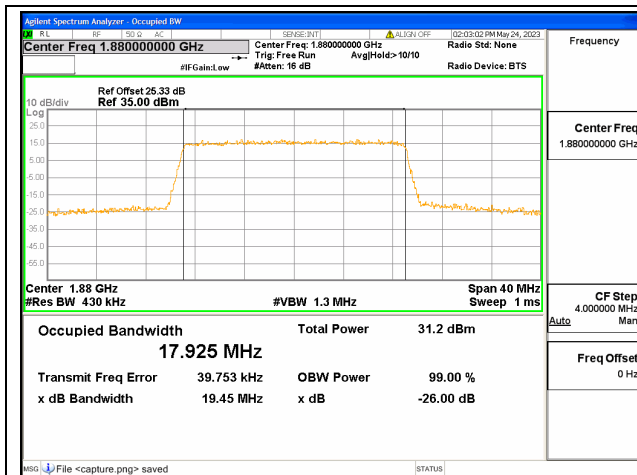
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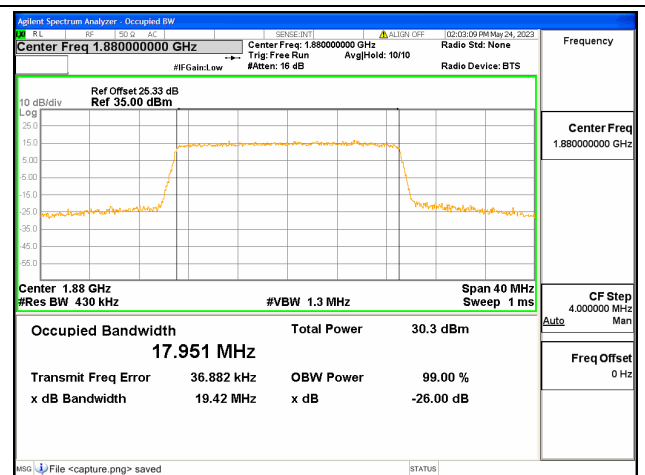
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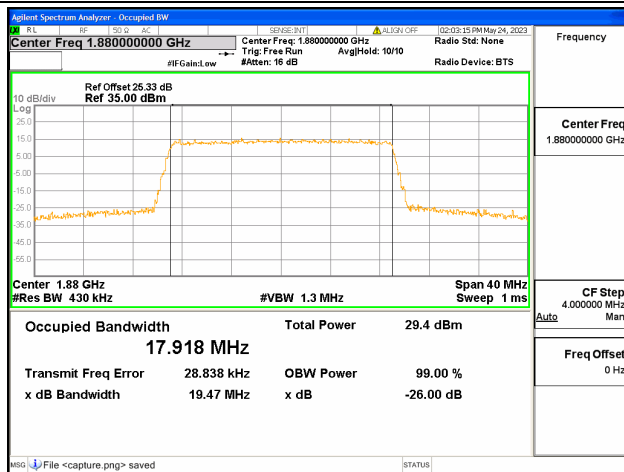
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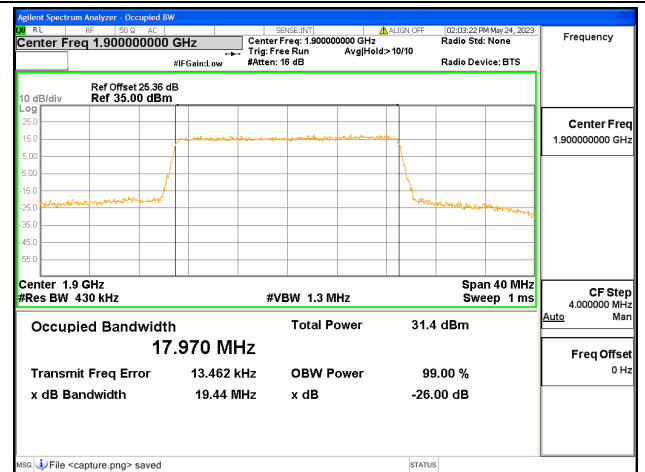
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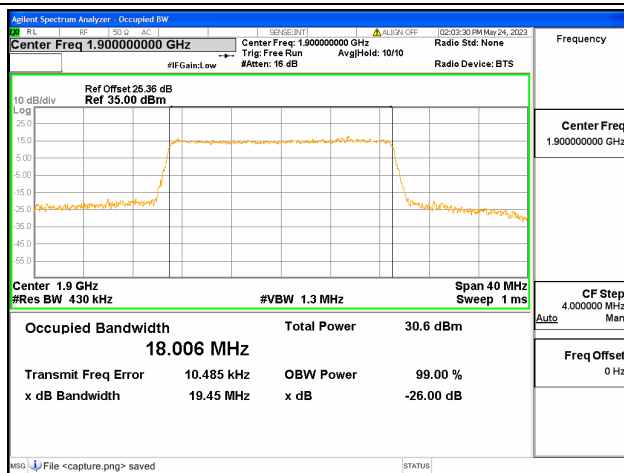
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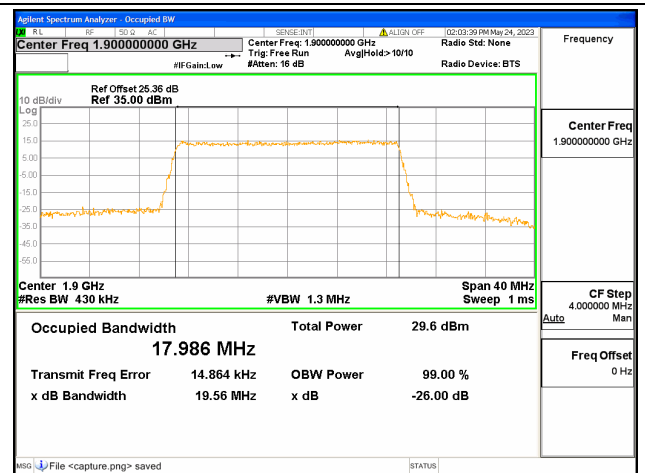
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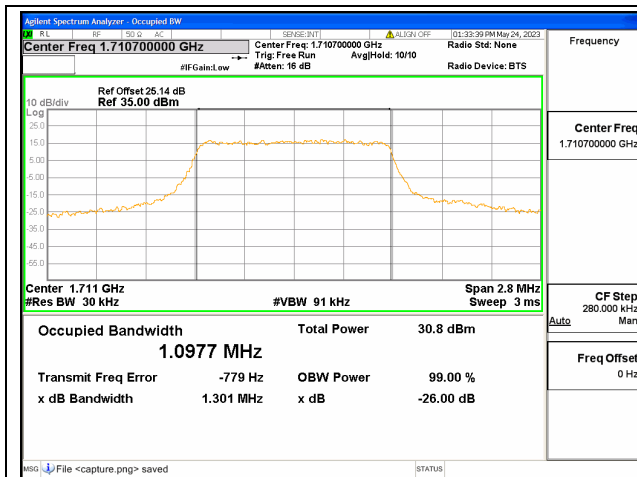
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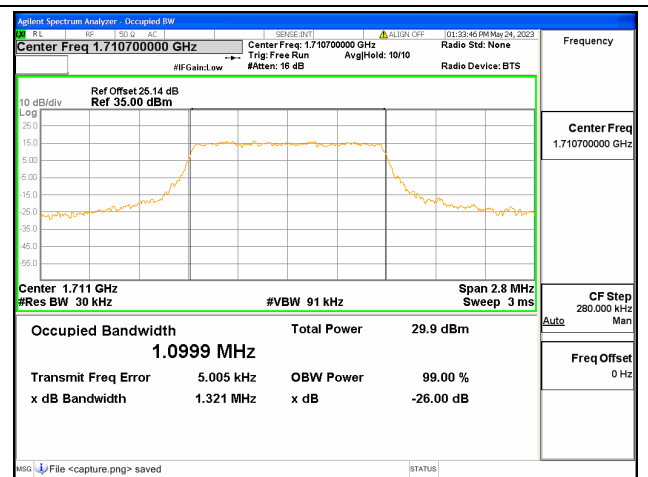
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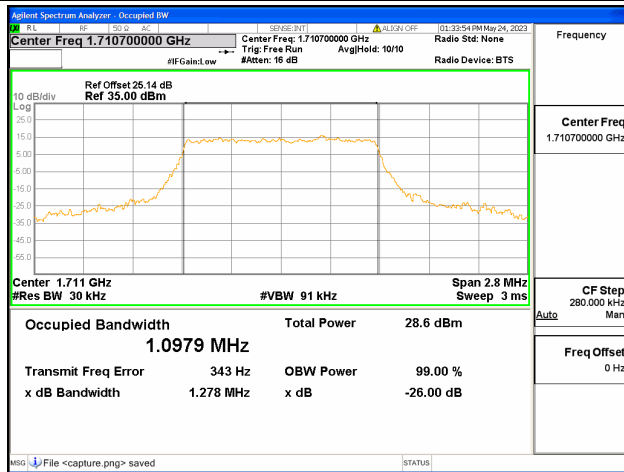
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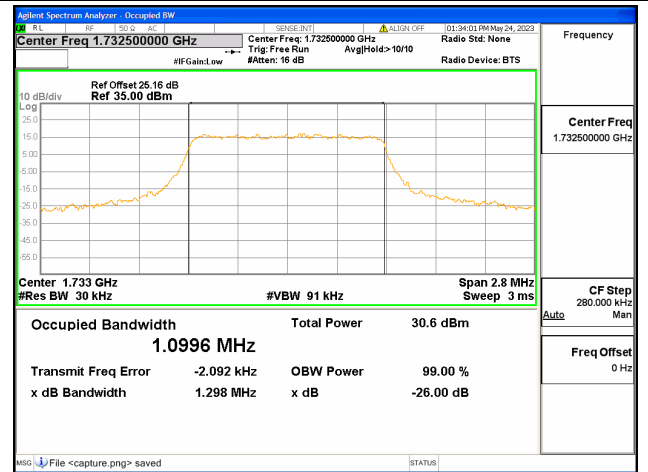
Band4 / 1.4MHz / QPSK/ Low CH



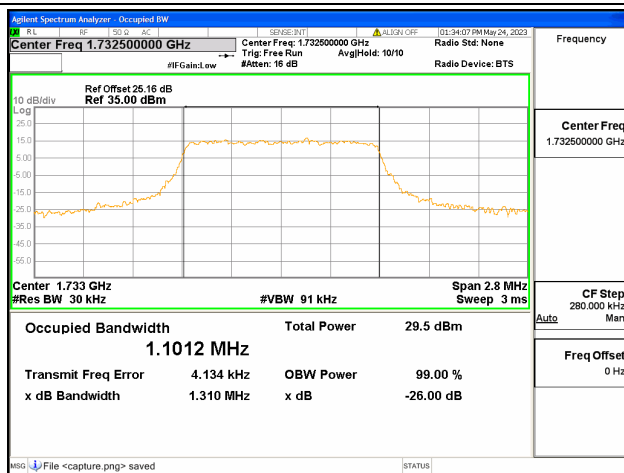
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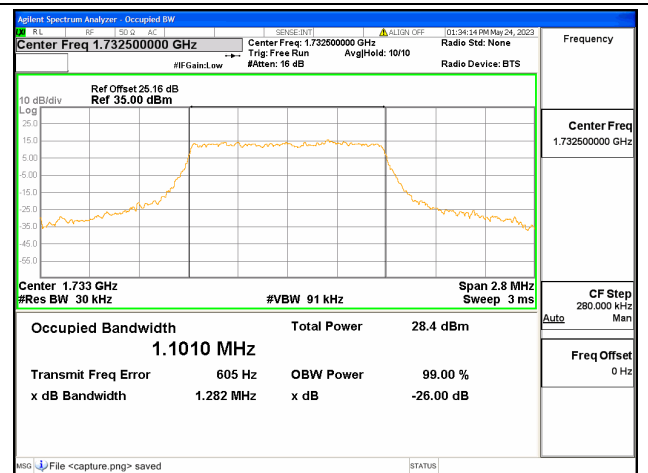
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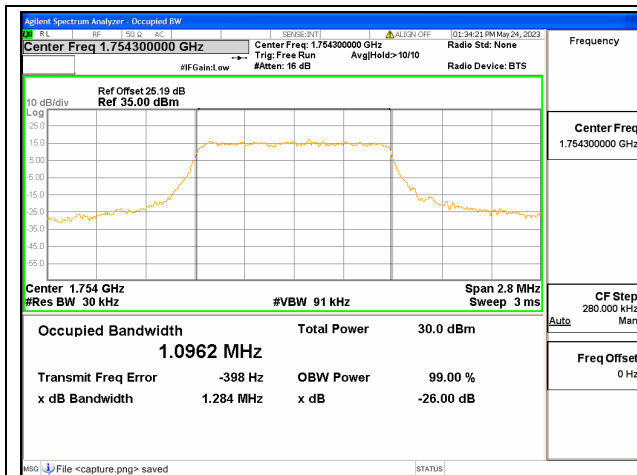
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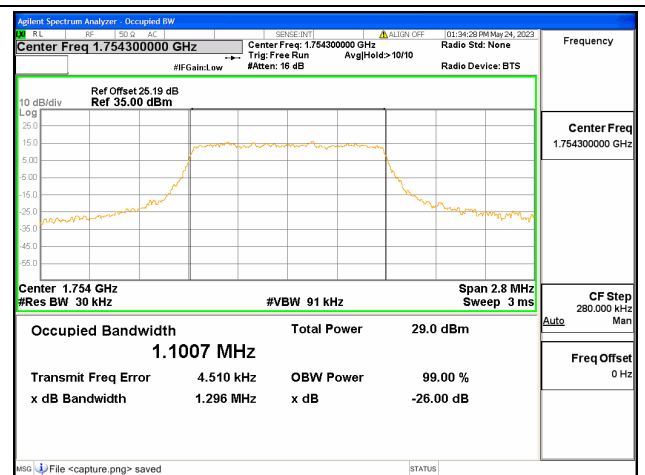
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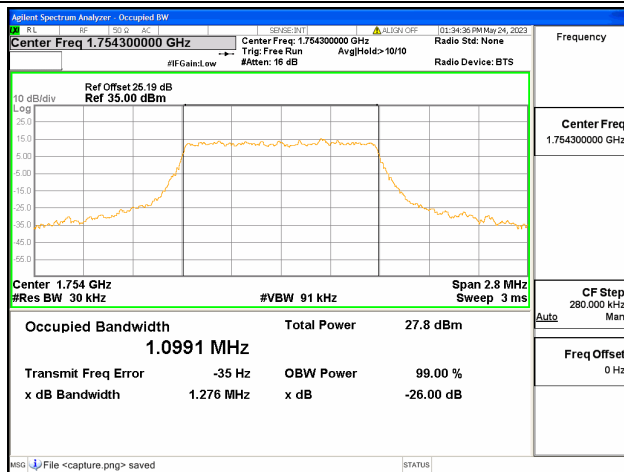
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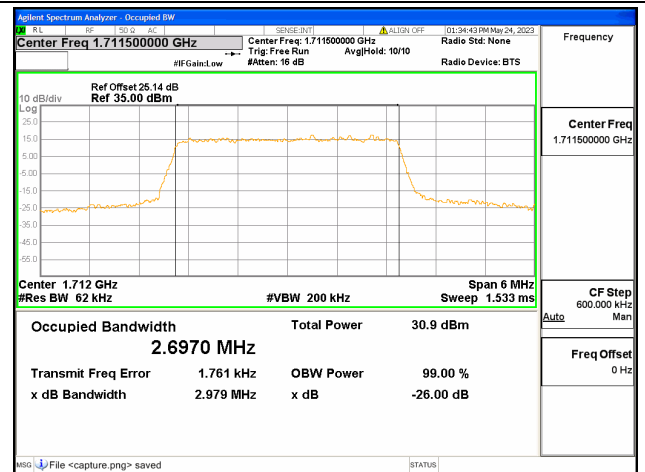
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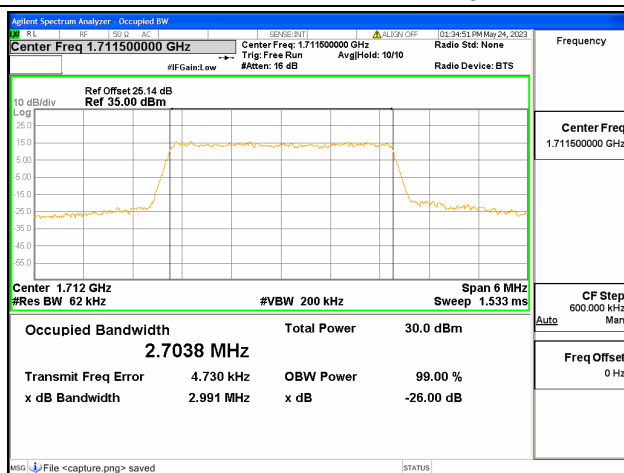
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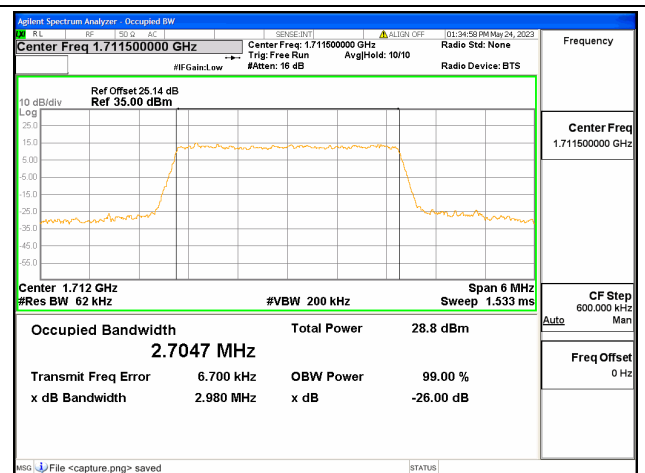
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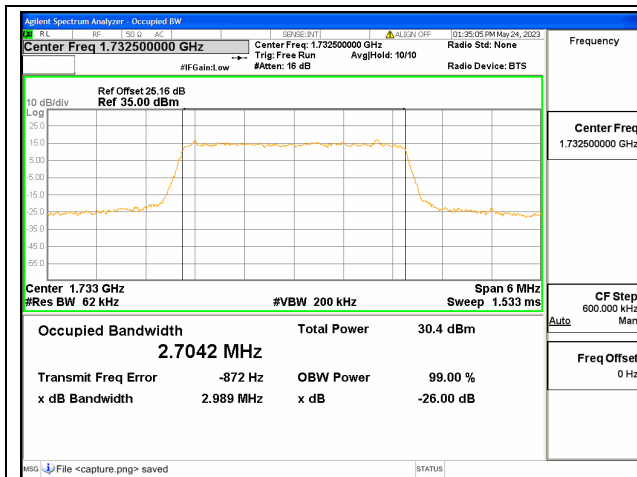
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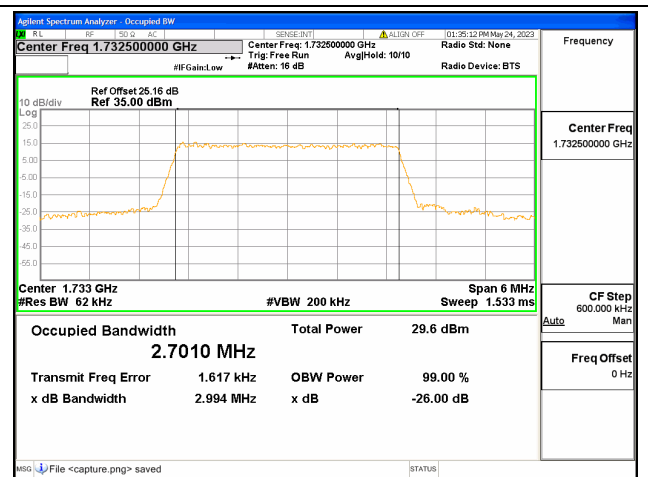
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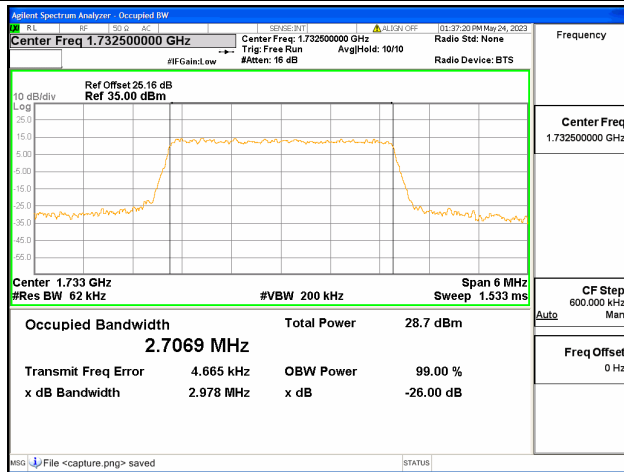
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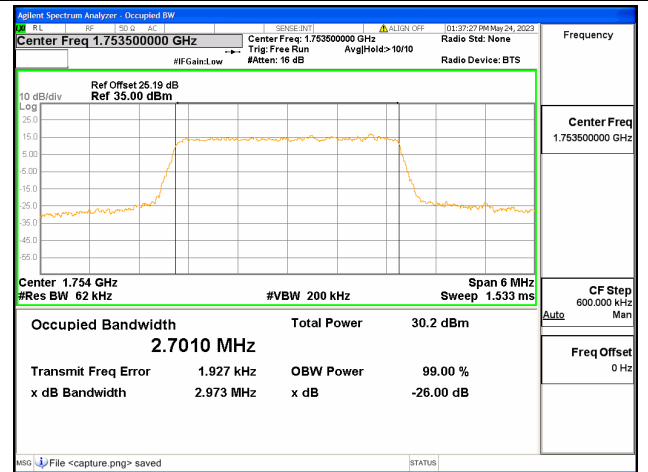
Band4 / 3MHz / QPSK/ Mid CH



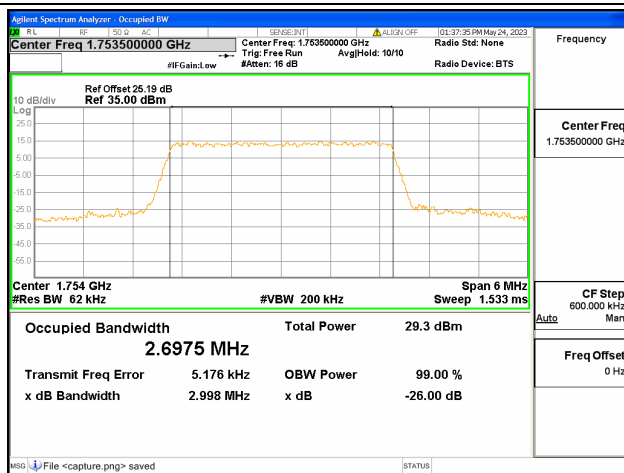
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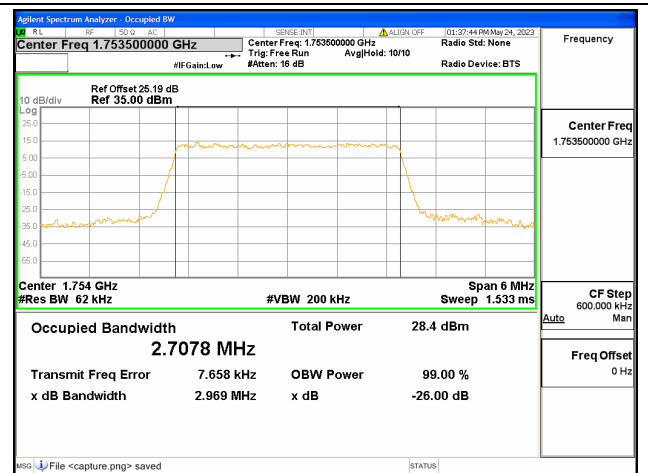
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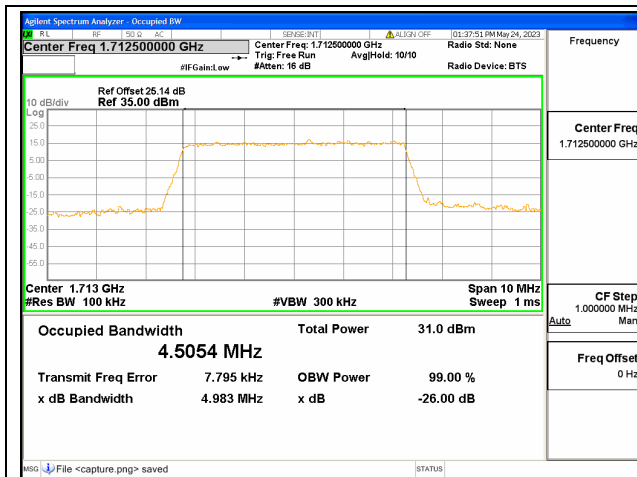
Band4 / 3MHz / QPSK/ High CH



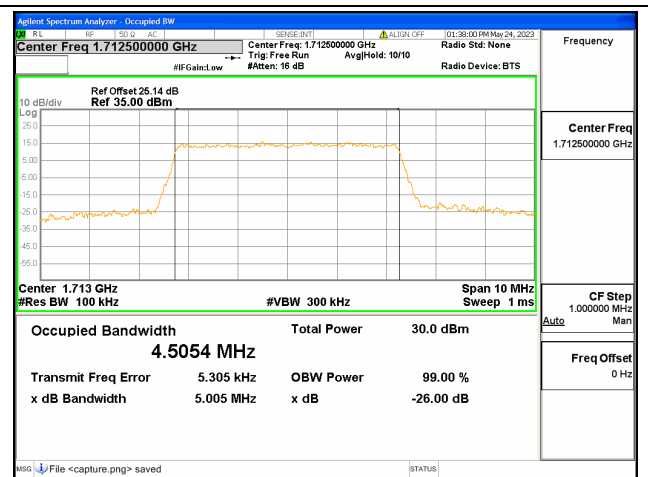
Band4 / 3MHz / 16QAM/ High CH



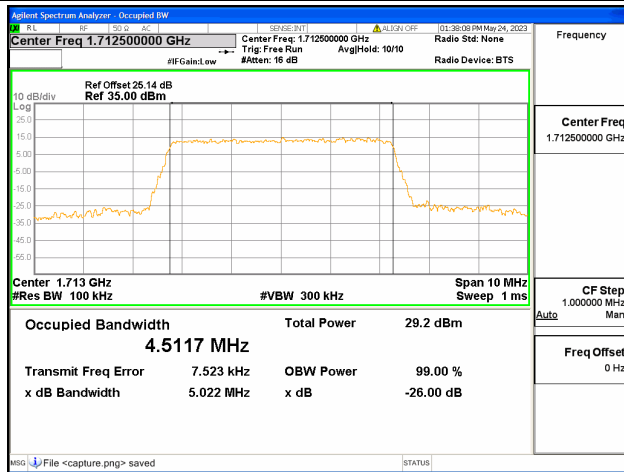
Band4 / 3MHz / 64QAM/ High CH



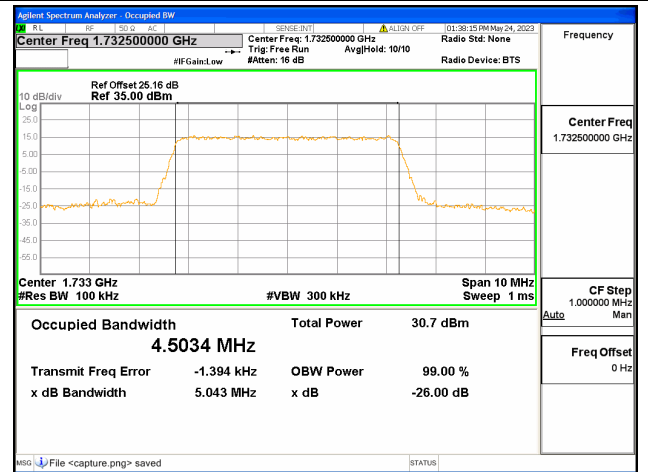
Band4 / 5MHz / QPSK/ Low CH



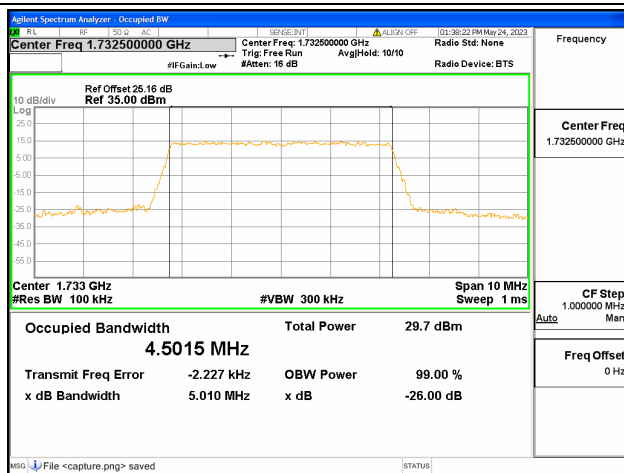
Band4 / 5MHz / 16QAM/ Low CH



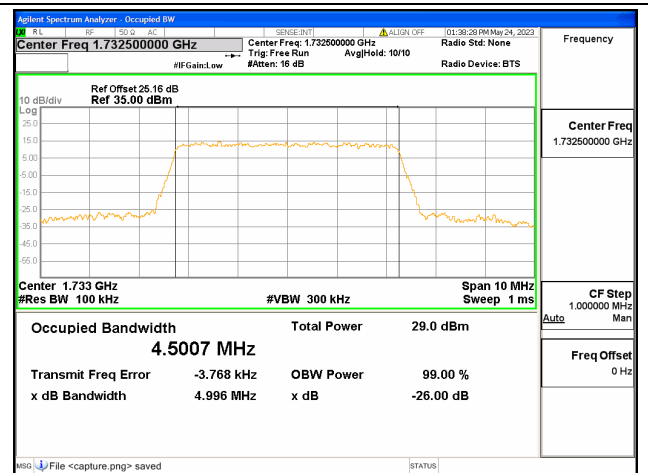
Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / 64QAM/ Mid CH