

Appendix for LTE B25 test report

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Results:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power[dBm]	EIRP[dBm]	Limit[dBm]	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	21.51	24.72	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.36	25.57	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.31	25.52	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	22.47	25.68	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	22.51	25.72	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	22.77	25.98	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.69	24.9	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.59	25.8	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.63	25.84	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.52	25.73	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	22.68	25.89	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	22.74	25.95	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	22.57	25.78	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.71	24.92	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22.14	25.35	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	22.60	25.81	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.64	25.85	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	22.46	25.67	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	22.49	25.7	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	22.47	25.68	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.45	24.66	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.68	24.89	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.60	24.81	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.44	24.65	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	21.49	24.7	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	21.57	24.78	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	21.61	24.82	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.65	23.86	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.75	24.96	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.69	24.9	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.77	24.98	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	21.47	24.68	33	PASS

Total Quality. Assured.

Band25	1.4MHz	16QAM	26365	3RB#1	21.54	24.75	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	21.60	24.81	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.74	23.95	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.21	24.42	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.85	25.06	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.56	24.77	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	21.40	24.61	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	21.16	24.37	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	21.44	24.65	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.59	23.8	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.47	25.68	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.29	25.5	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.72	25.93	33	PASS
Band25	3MHz	QPSK	26055	8RB#0	21.72	24.93	33	PASS
Band25	3MHz	QPSK	26055	8RB#4	21.74	24.95	33	PASS
Band25	3MHz	QPSK	26055	8RB#7	21.71	24.92	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.83	25.04	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.78	25.99	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.41	25.62	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.48	25.69	33	PASS
Band25	3MHz	QPSK	26365	8RB#0	21.84	25.05	33	PASS
Band25	3MHz	QPSK	26365	8RB#4	21.77	24.98	33	PASS
Band25	3MHz	QPSK	26365	8RB#7	21.65	24.86	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.57	24.78	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.25	25.46	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.40	25.61	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.48	25.69	33	PASS
Band25	3MHz	QPSK	26675	8RB#0	21.58	24.79	33	PASS
Band25	3MHz	QPSK	26675	8RB#4	21.52	24.73	33	PASS
Band25	3MHz	QPSK	26675	8RB#7	21.64	24.85	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.56	24.77	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.57	24.78	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.51	24.72	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.88	25.09	33	PASS
Band25	3MHz	16QAM	26055	8RB#0	20.94	24.15	33	PASS
Band25	3MHz	16QAM	26055	8RB#4	20.75	23.96	33	PASS
Band25	3MHz	16QAM	26055	8RB#7	20.83	24.04	33	PASS

Total Quality. Assured.

Band25	3MHz	16QAM	26055	15RB#0	20.93	24.14	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.85	25.06	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.44	24.65	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.48	24.69	33	PASS
Band25	3MHz	16QAM	26365	8RB#0	20.87	24.08	33	PASS
Band25	3MHz	16QAM	26365	8RB#4	20.80	24.01	33	PASS
Band25	3MHz	16QAM	26365	8RB#7	20.68	23.89	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.66	23.87	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.56	24.77	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.42	24.63	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.78	24.99	33	PASS
Band25	3MHz	16QAM	26675	8RB#0	20.80	24.01	33	PASS
Band25	3MHz	16QAM	26675	8RB#4	20.69	23.9	33	PASS
Band25	3MHz	16QAM	26675	8RB#7	20.77	23.98	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	20.67	23.88	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.53	25.74	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.48	25.69	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.33	25.54	33	PASS
Band25	5MHz	QPSK	26065	12RB#0	21.62	24.83	33	PASS
Band25	5MHz	QPSK	26065	12RB#6	21.59	24.8	33	PASS
Band25	5MHz	QPSK	26065	12RB#13	21.54	24.75	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.55	24.76	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.63	25.84	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.41	25.62	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.37	25.58	33	PASS
Band25	5MHz	QPSK	26365	12RB#0	21.53	24.74	33	PASS
Band25	5MHz	QPSK	26365	12RB#6	21.51	24.72	33	PASS
Band25	5MHz	QPSK	26365	12RB#13	21.33	24.54	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.45	24.66	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.26	25.47	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.56	25.77	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.46	25.67	33	PASS
Band25	5MHz	QPSK	26665	12RB#0	21.61	24.82	33	PASS
Band25	5MHz	QPSK	26665	12RB#6	21.64	24.85	33	PASS
Band25	5MHz	QPSK	26665	12RB#13	21.66	24.87	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.63	24.84	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.36	24.57	33	PASS

Total Quality. Assured.

Band25	5MHz	16QAM	26065	1RB#12	21.05	24.26	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.44	24.65	33	PASS
Band25	5MHz	16QAM	26065	12RB#0	20.66	23.87	33	PASS
Band25	5MHz	16QAM	26065	12RB#6	20.51	23.72	33	PASS
Band25	5MHz	16QAM	26065	12RB#13	20.55	23.76	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.57	23.78	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.43	24.64	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	20.71	23.92	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.63	24.84	33	PASS
Band25	5MHz	16QAM	26365	12RB#0	20.63	23.84	33	PASS
Band25	5MHz	16QAM	26365	12RB#6	20.59	23.8	33	PASS
Band25	5MHz	16QAM	26365	12RB#13	20.56	23.77	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.42	23.63	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.45	24.66	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.43	24.64	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.42	24.63	33	PASS
Band25	5MHz	16QAM	26665	12RB#0	20.70	23.91	33	PASS
Band25	5MHz	16QAM	26665	12RB#6	20.63	23.84	33	PASS
Band25	5MHz	16QAM	26665	12RB#13	20.74	23.95	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.82	24.03	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.39	25.6	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	22.22	25.43	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.26	25.47	33	PASS
Band25	10MHz	QPSK	26090	25RB#0	21.58	24.79	33	PASS
Band25	10MHz	QPSK	26090	25RB#12	21.55	24.76	33	PASS
Band25	10MHz	QPSK	26090	25RB#25	21.50	24.71	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.49	24.7	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.54	25.75	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.37	25.58	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.26	25.47	33	PASS
Band25	10MHz	QPSK	26365	25RB#0	21.59	24.8	33	PASS
Band25	10MHz	QPSK	26365	25RB#12	21.58	24.79	33	PASS
Band25	10MHz	QPSK	26365	25RB#25	21.38	24.59	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.45	24.66	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.31	25.52	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.25	25.46	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.02	25.23	33	PASS

Total Quality. Assured.

Band25	10MHz	QPSK	26640	25RB#0	21.67	24.88	33	PASS
Band25	10MHz	QPSK	26640	25RB#12	21.67	24.88	33	PASS
Band25	10MHz	QPSK	26640	25RB#25	21.58	24.79	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.47	24.68	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.52	24.73	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	21.64	24.85	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.49	24.7	33	PASS
Band25	10MHz	16QAM	26090	25RB#0	20.69	23.9	33	PASS
Band25	10MHz	16QAM	26090	25RB#12	20.54	23.75	33	PASS
Band25	10MHz	16QAM	26090	25RB#25	20.50	23.71	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	20.55	23.76	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	21.74	24.95	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.34	24.55	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.27	24.48	33	PASS
Band25	10MHz	16QAM	26365	25RB#0	20.56	23.77	33	PASS
Band25	10MHz	16QAM	26365	25RB#12	20.69	23.9	33	PASS
Band25	10MHz	16QAM	26365	25RB#25	20.56	23.77	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.46	23.67	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.60	24.81	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.04	24.25	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	21.51	24.72	33	PASS
Band25	10MHz	16QAM	26640	25RB#0	20.71	23.92	33	PASS
Band25	10MHz	16QAM	26640	25RB#12	20.65	23.86	33	PASS
Band25	10MHz	16QAM	26640	25RB#25	20.76	23.97	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.68	23.89	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.24	25.45	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.06	25.27	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.20	25.41	33	PASS
Band25	15MHz	QPSK	26115	38RB#0	21.41	24.62	33	PASS
Band25	15MHz	QPSK	26115	38RB#18	21.44	24.65	33	PASS
Band25	15MHz	QPSK	26115	38RB#37	21.50	24.71	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.46	24.67	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.44	25.65	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.42	25.63	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.37	25.58	33	PASS
Band25	15MHz	QPSK	26365	38RB#0	21.79	25	33	PASS
Band25	15MHz	QPSK	26365	38RB#18	21.72	24.93	33	PASS

Total Quality. Assured.

Band25	15MHz	QPSK	26365	38RB#37	21.71	24.92	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.70	24.91	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.59	25.8	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.34	25.55	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.00	25.21	33	PASS
Band25	15MHz	QPSK	26615	38RB#0	21.85	25.06	33	PASS
Band25	15MHz	QPSK	26615	38RB#18	21.79	25	33	PASS
Band25	15MHz	QPSK	26615	38RB#37	21.77	24.98	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.81	25.02	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	21.52	24.73	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.35	24.56	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.41	24.62	33	PASS
Band25	15MHz	16QAM	26115	38RB#0	21.37	24.58	33	PASS
Band25	15MHz	16QAM	26115	38RB#18	21.42	24.63	33	PASS
Band25	15MHz	16QAM	26115	38RB#37	21.48	24.69	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.55	23.76	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.61	24.82	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	20.86	24.07	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	21.65	24.86	33	PASS
Band25	15MHz	16QAM	26365	38RB#0	21.72	24.93	33	PASS
Band25	15MHz	16QAM	26365	38RB#18	21.72	24.93	33	PASS
Band25	15MHz	16QAM	26365	38RB#37	21.71	24.92	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.72	23.93	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.80	25.01	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.30	24.51	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	21.13	24.34	33	PASS
Band25	15MHz	16QAM	26615	38RB#0	21.84	25.05	33	PASS
Band25	15MHz	16QAM	26615	38RB#18	21.82	25.03	33	PASS
Band25	15MHz	16QAM	26615	38RB#37	21.79	25	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.71	23.92	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.47	25.68	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.81	26.02	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.65	25.86	33	PASS
Band25	20MHz	QPSK	26140	50RB#0	21.66	24.87	33	PASS
Band25	20MHz	QPSK	26140	50RB#25	21.71	24.92	33	PASS
Band25	20MHz	QPSK	26140	50RB#50	21.55	24.76	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.43	24.64	33	PASS

Total Quality. Assured.

Band25	20MHz	QPSK	26365	1RB#0	22.71	25.92	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	22.51	25.72	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.37	25.58	33	PASS
Band25	20MHz	QPSK	26365	50RB#0	21.75	24.96	33	PASS
Band25	20MHz	QPSK	26365	50RB#25	21.70	24.91	33	PASS
Band25	20MHz	QPSK	26365	50RB#50	21.59	24.8	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	21.57	24.78	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.18	25.39	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.94	26.15	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.42	25.63	33	PASS
Band25	20MHz	QPSK	26590	50RB#0	21.70	24.91	33	PASS
Band25	20MHz	QPSK	26590	50RB#25	21.68	24.89	33	PASS
Band25	20MHz	QPSK	26590	50RB#50	21.48	24.69	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.65	24.86	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.66	24.87	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.16	25.37	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	21.86	25.07	33	PASS
Band25	20MHz	16QAM	26140	50RB#0	20.81	24.02	33	PASS
Band25	20MHz	16QAM	26140	50RB#25	20.82	24.03	33	PASS
Band25	20MHz	16QAM	26140	50RB#50	20.52	23.73	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	20.64	23.85	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.08	25.29	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.30	25.51	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.02	25.23	33	PASS
Band25	20MHz	16QAM	26365	50RB#0	20.66	23.87	33	PASS
Band25	20MHz	16QAM	26365	50RB#25	20.61	23.82	33	PASS
Band25	20MHz	16QAM	26365	50RB#50	20.50	23.71	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.68	23.89	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	21.52	24.73	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.23	25.44	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	21.47	24.68	33	PASS
Band25	20MHz	16QAM	26590	50RB#0	20.65	23.86	33	PASS
Band25	20MHz	16QAM	26590	50RB#25	20.68	23.89	33	PASS
Band25	20MHz	16QAM	26590	50RB#50	20.63	23.84	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.51	23.72	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$

$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$

b, SGP=Signal Generator Level

c, Antenna gain of LTE Band 25 is 3.21dBi.

Note2: SET Span=1.5*OBW

SET RBW=1%of the OBW,not to exceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS

Appendix B: Peak-to-Average Ratio

Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	4.73	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	5.28	13	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	4.65	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.19	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	4.46	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	5.00	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.78	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	6.13	13	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	5.70	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	6.09	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	5.55	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	5.90	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	4.71	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.28	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	4.66	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.26	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	4.40	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	5.06	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	5.62	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	6.12	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	5.65	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.08	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	5.33	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	5.98	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	4.70	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.34	13	PASS
Band25	5MHz	QPSK	26365	1RB#0	4.60	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.30	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	4.44	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.00	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.61	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	6.15	13	PASS
Band25	5MHz	16QAM	26365	1RB#0	5.39	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.05	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	5.42	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	5.84	13	PASS
Band25	10MHz	QPSK	26090	1RB#0	4.66	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.31	13	PASS
Band25	10MHz	QPSK	26365	1RB#0	4.50	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.23	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	4.58	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.39	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	5.56	13	PASS

Total Quality. Assured.

Band25	10MHz	16QAM	26090	50RB#0	6.14	13	PASS
Band25	10MHz	16QAM	26365	1RB#0	5.54	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.04	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	5.44	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.16	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	4.70	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.47	13	PASS
Band25	15MHz	QPSK	26365	1RB#0	4.55	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.35	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	4.55	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.48	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	5.56	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.19	13	PASS
Band25	15MHz	16QAM	26365	1RB#0	5.42	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.03	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	5.44	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.18	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	4.69	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.25	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	4.49	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.17	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	4.63	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.09	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.61	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.07	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	5.40	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.98	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	5.44	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.01	13	PASS

Appendix C: Modulation Characteristics

Test Plots

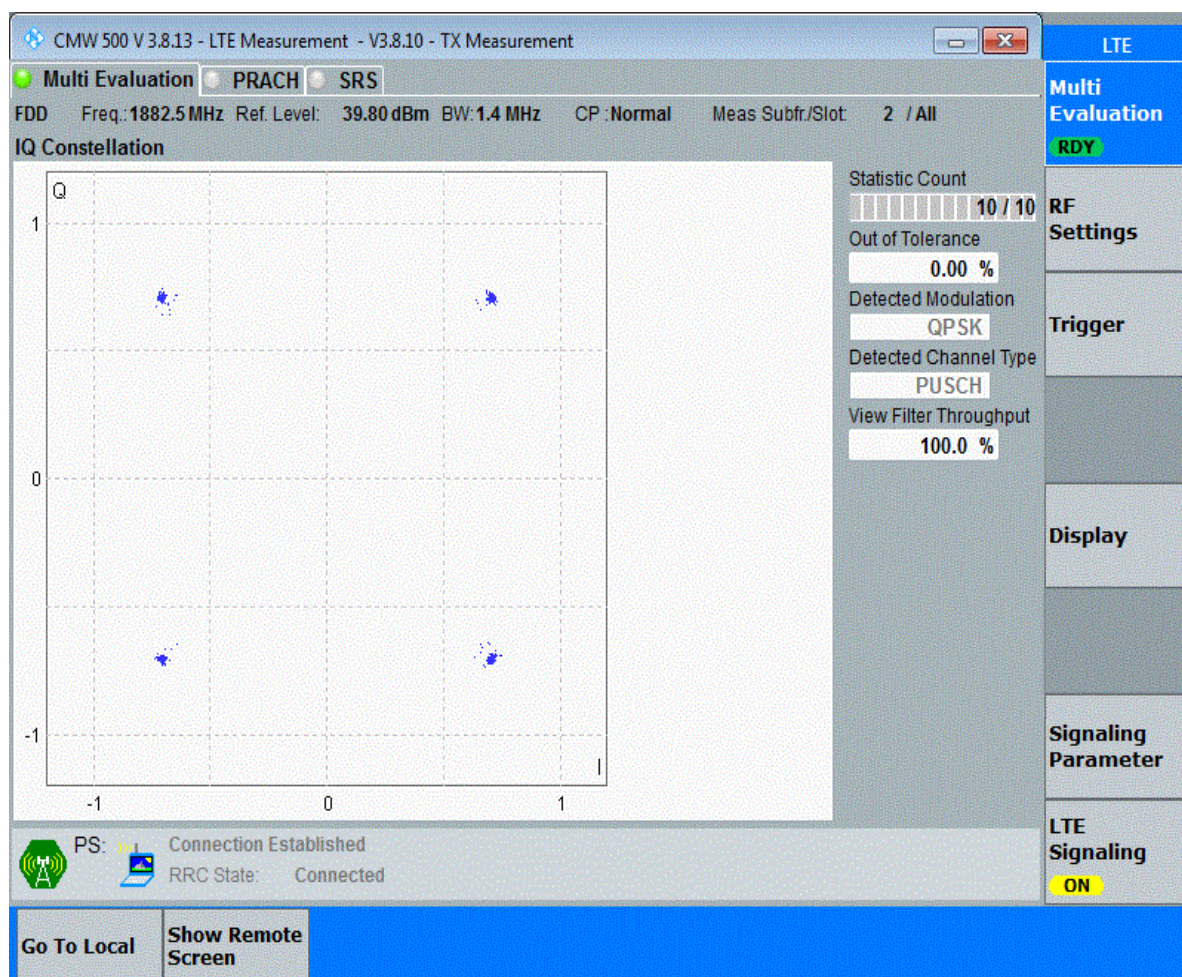
Test Band = BAND25

Test Mode = LTE/TM1

Test Bandwidth = 1.4MHz

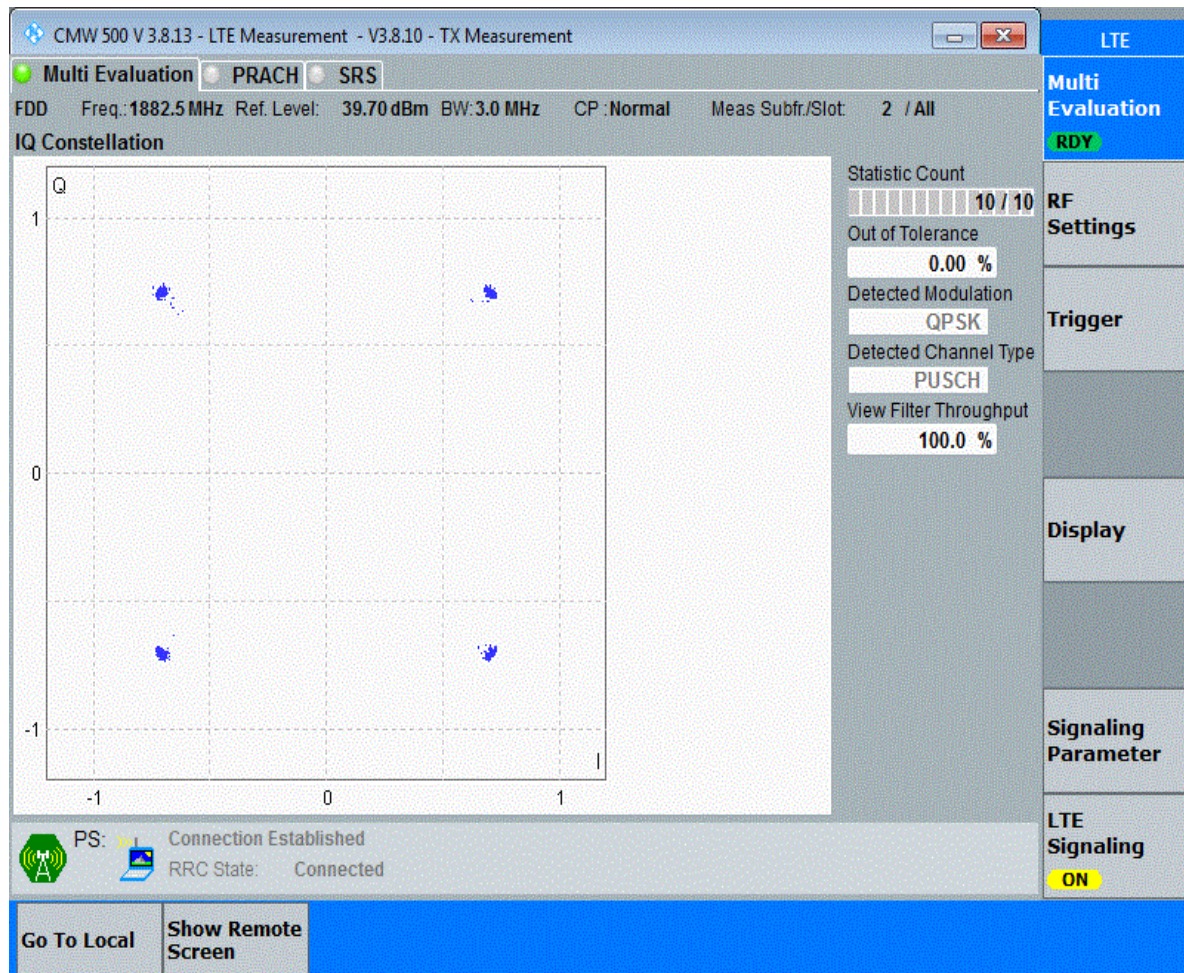
Test Channel = MCH

Test RB = RB6#0



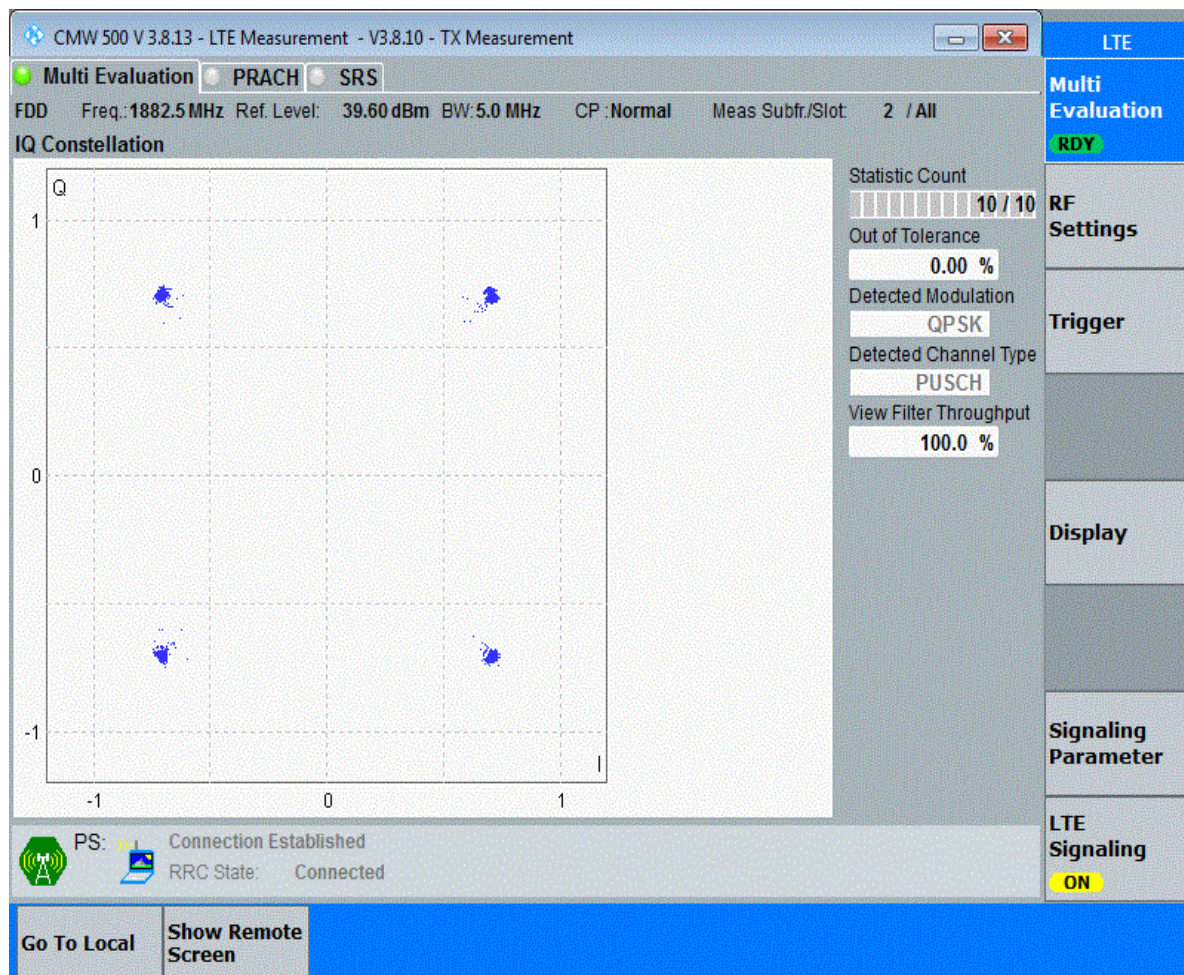
Test Channel = MCH

Test RB = RB15#0



Test Channel = MCH

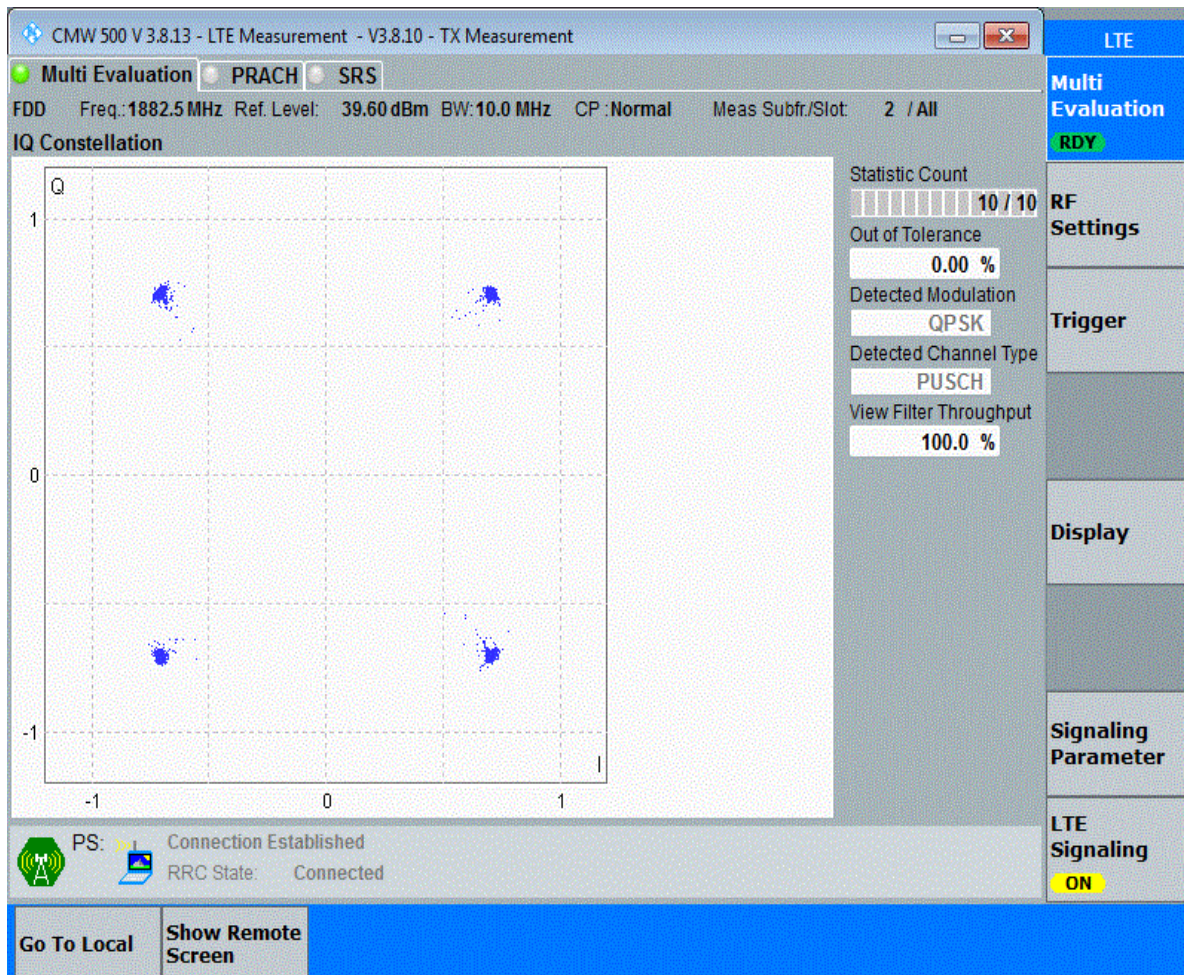
Test RB = RB25#0



Test Bandwidth = 10MHz

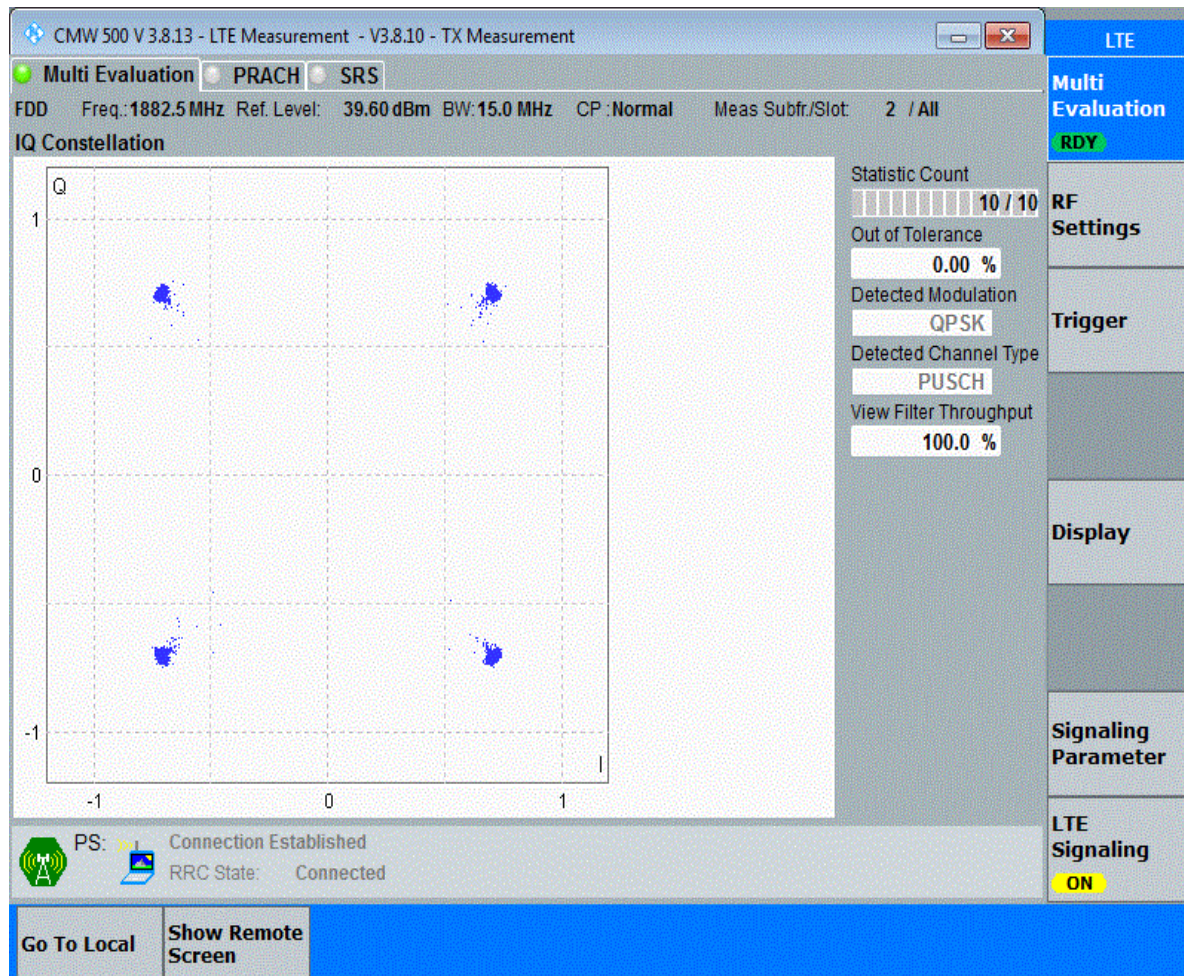
Test Channel = MCH

Test RB = RB50#0



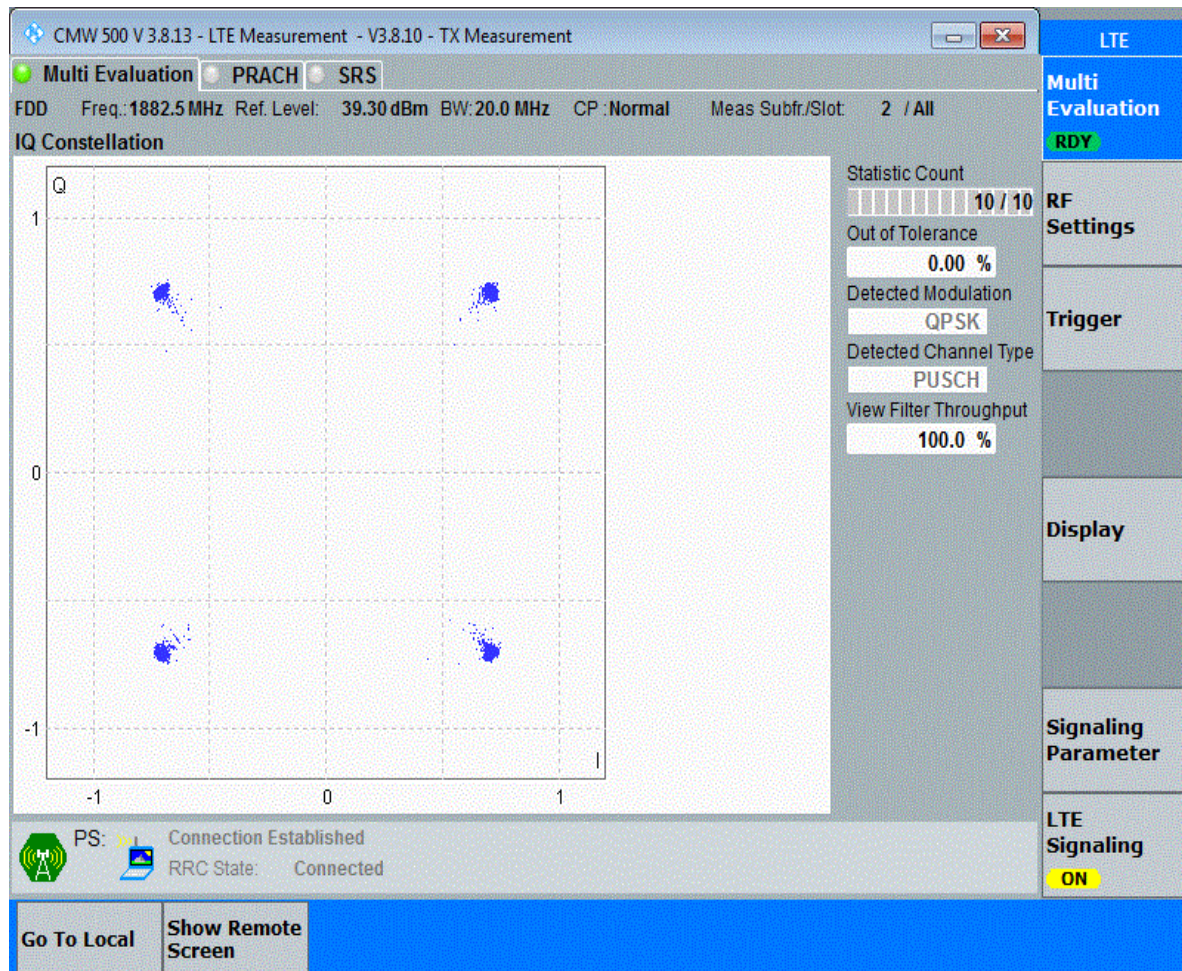
Test Channel = MCH

Test RB = RB75#0



Test Channel = MCH

Test RB = RB100#0

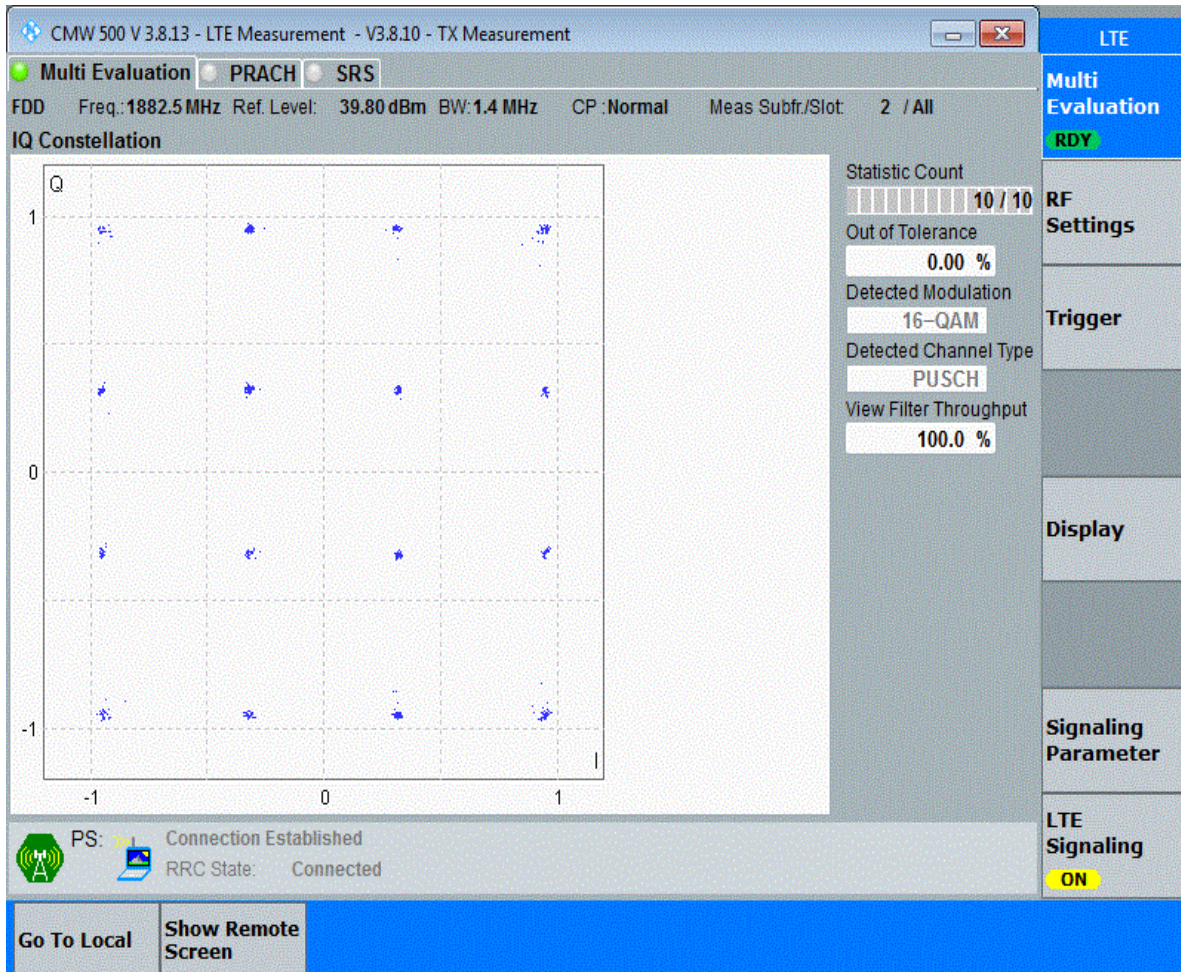


Test Mode = LTE/TM2

Bandwidth = 1.4MHz

Test Channel = MCH

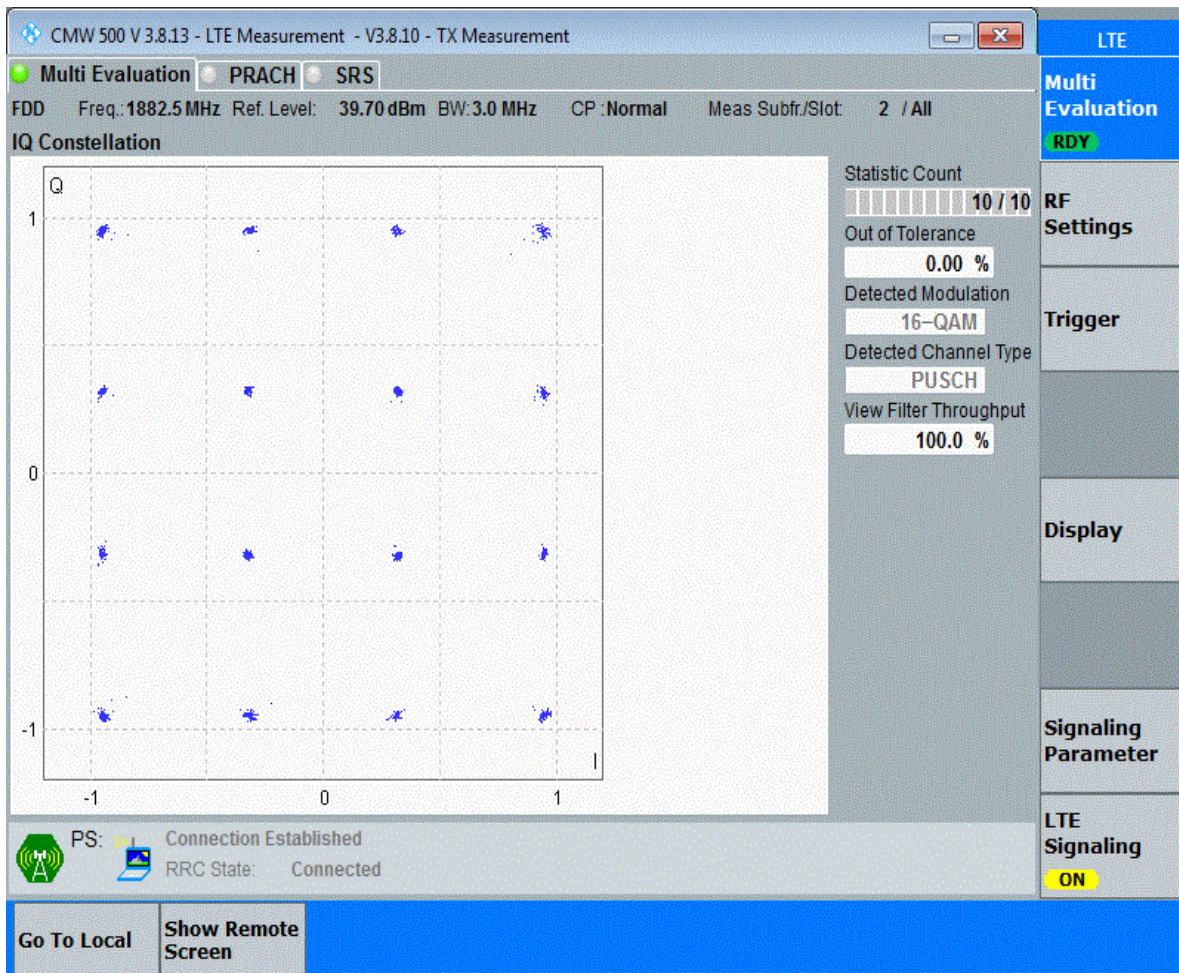
Test RB = RB6#0



Test Bandwidth = 3MHz

Test Channel = MCH

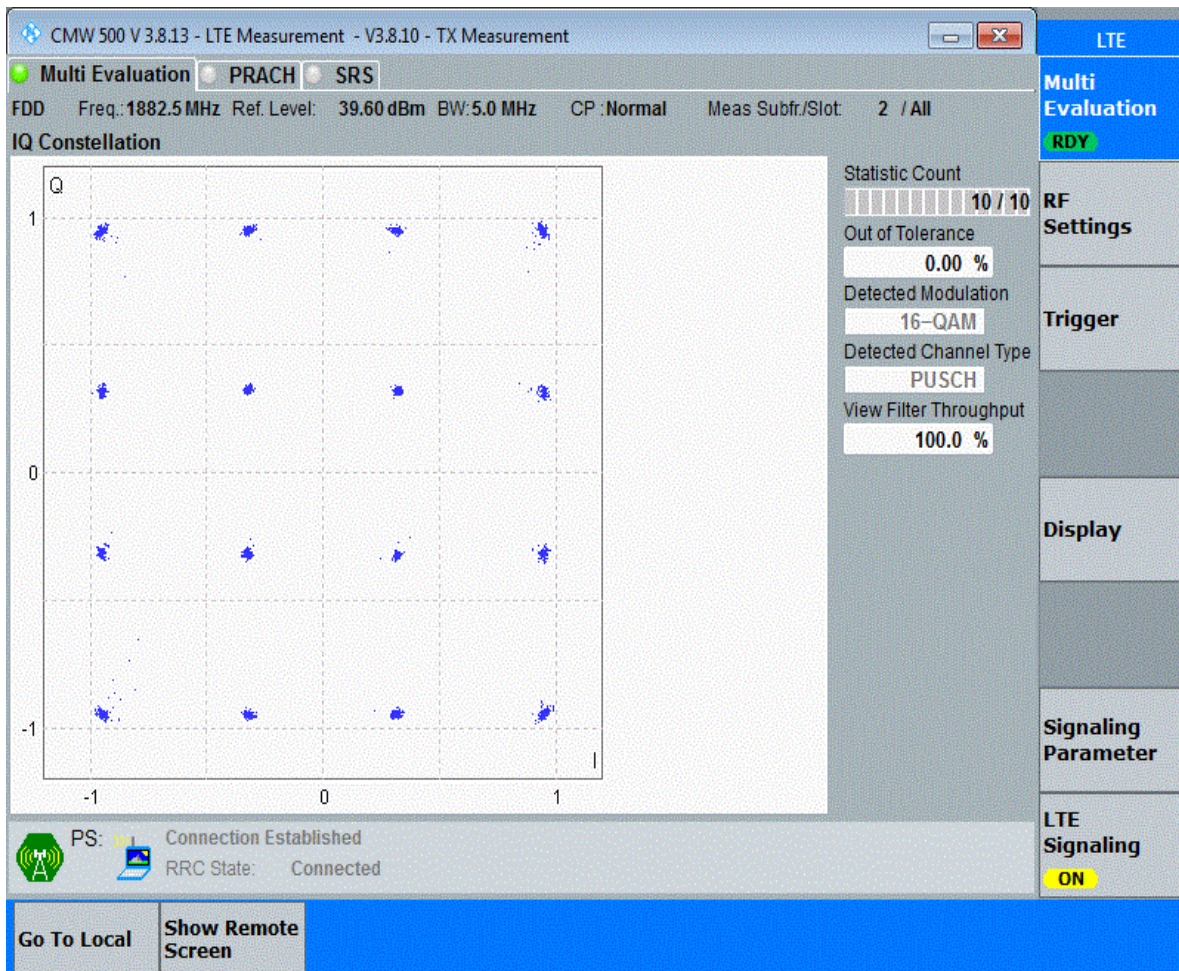
Test RB = RB15#0



Test Bandwidth = 5MHz

Test Channel = MCH

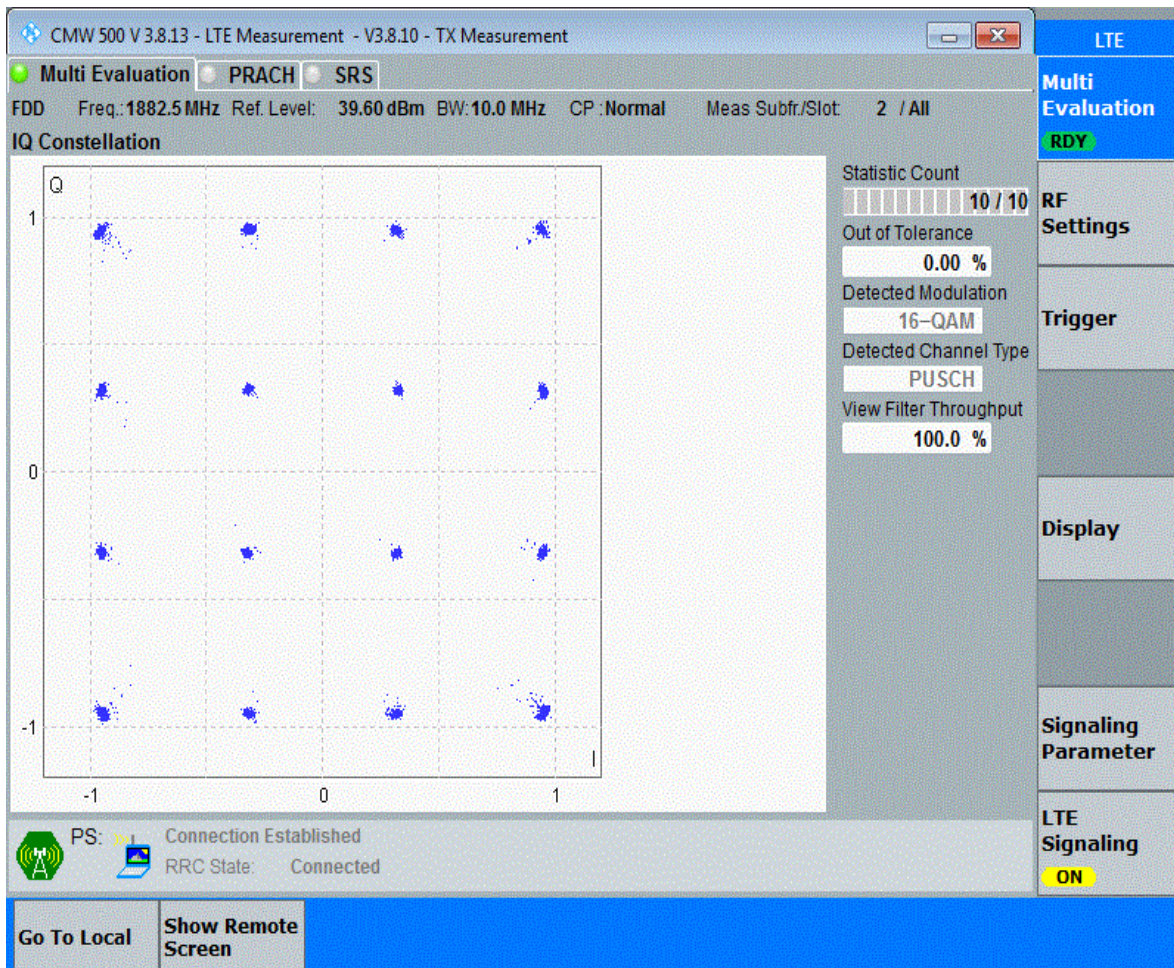
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

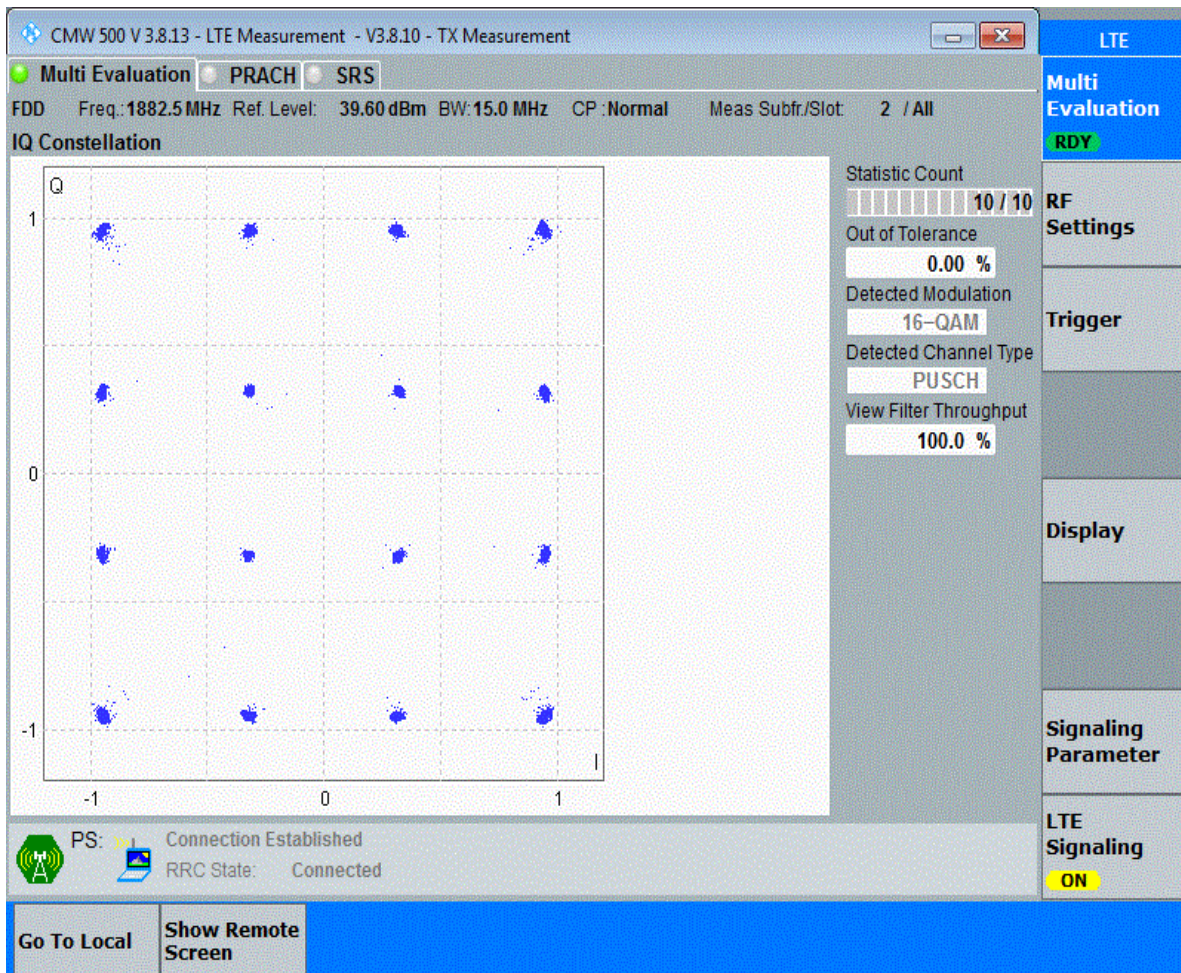
Test RB = RB50#0



Test Bandwidth = 15MHz

Test Channel = MCH

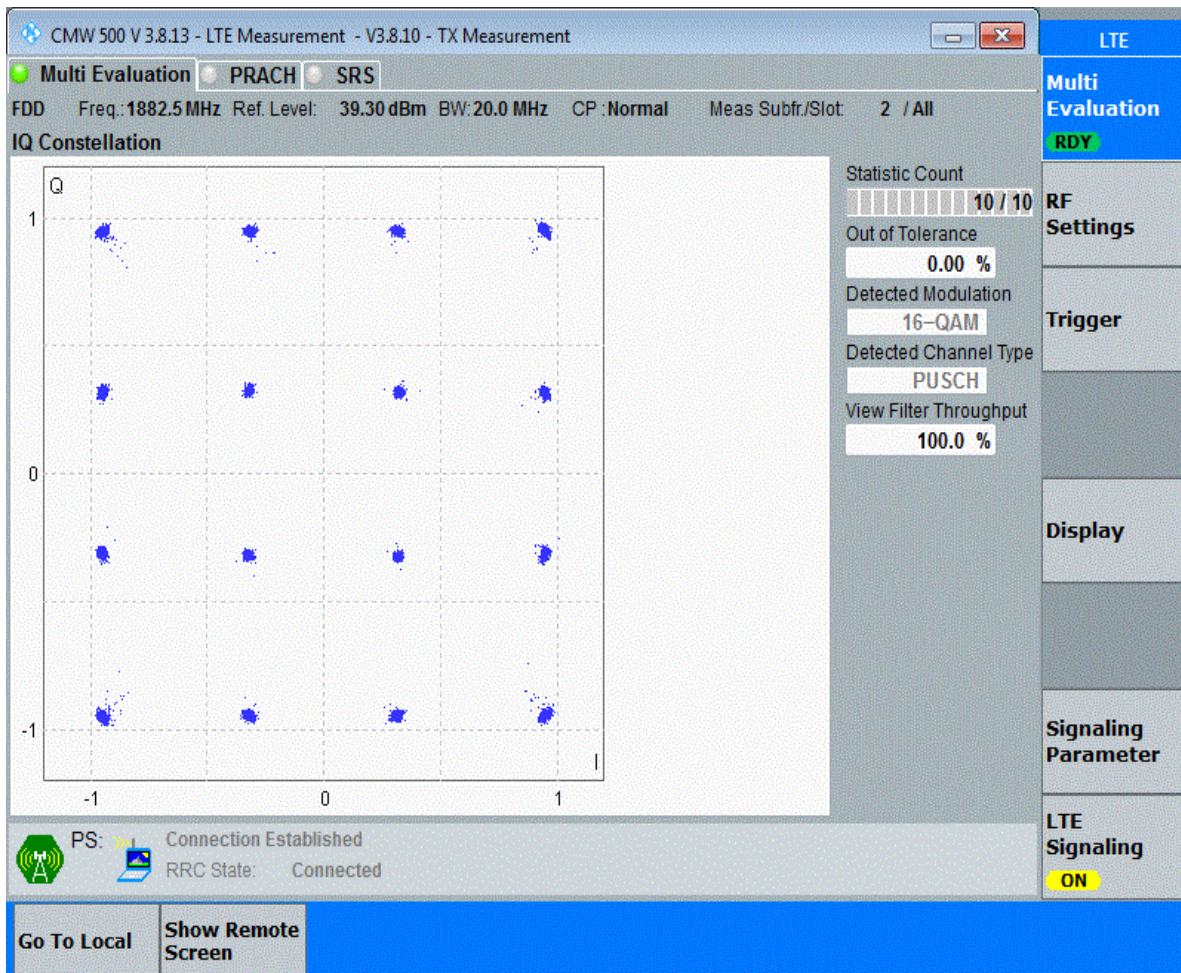
Test RB = RB75#0



Test Bandwidth = 20MHz

Test Channel = MCH

Test RB = RB100#0



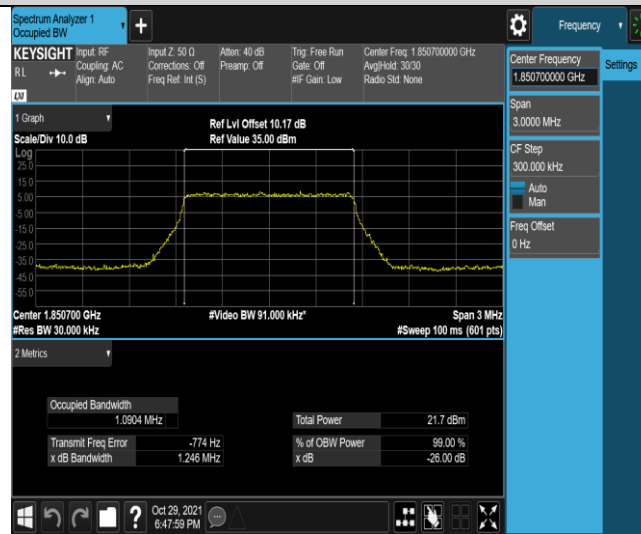
Appendix D: Bandwidth

Test Results

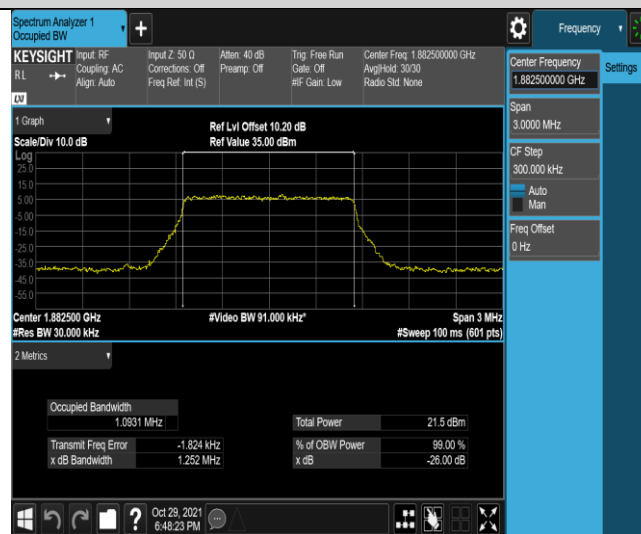
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0904	1.246	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0931	1.252	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0915	1.254	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0888	1.272	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0917	1.265	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0883	1.263	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6981	2.907	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6975	2.904	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6948	2.904	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6921	2.914	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6921	2.918	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6908	2.905	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.4957	4.903	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.4982	4.873	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.4929	4.898	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5079	4.888	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.4966	4.899	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5037	4.849	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9704	9.566	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9588	9.510	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9845	9.564	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9575	9.532	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9526	9.520	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9666	9.566	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.448	14.26	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.415	14.26	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.446	14.30	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.444	14.26	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.410	14.23	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.440	14.23	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.915	18.98	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.865	18.98	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.841	18.91	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.913	18.96	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.879	18.93	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.826	18.89	PASS

Test Plots

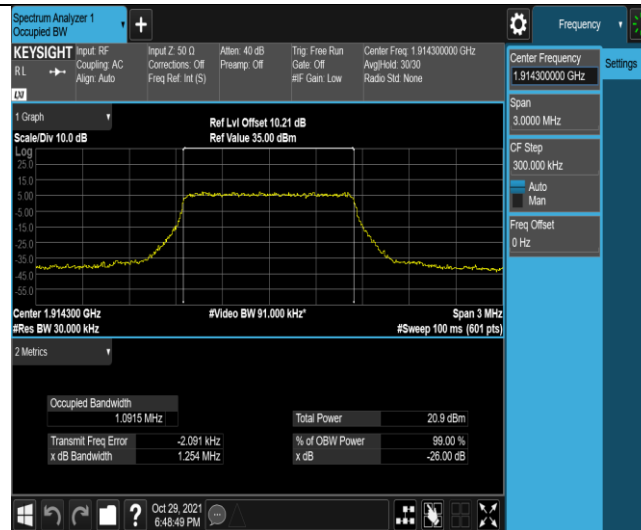
Band25-1.4MHz-QPSK-26047-6RB#0



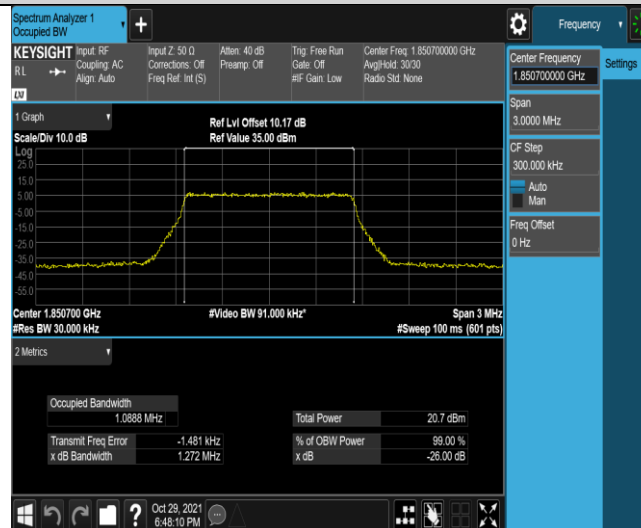
Band25-1.4MHz-QPSK-26365-6RB#0



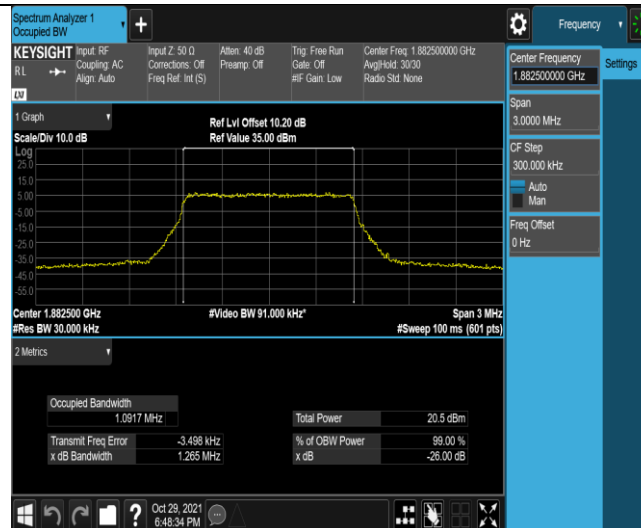
Band25-1.4MHz-QPSK-26683-6RB#0



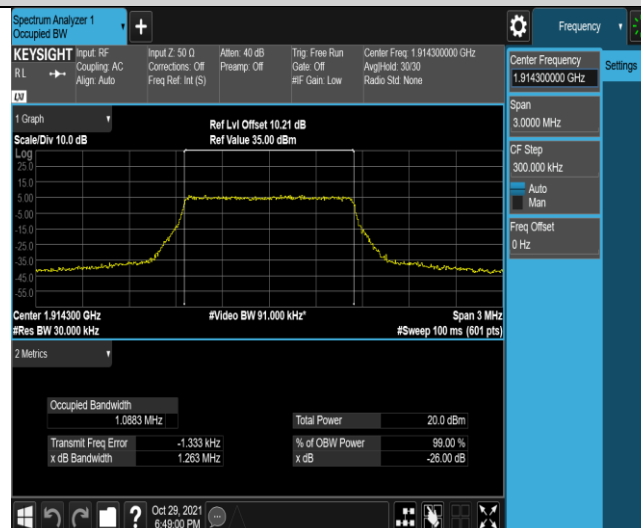
Band25-1.4MHz-16QAM-26047-6RB#0



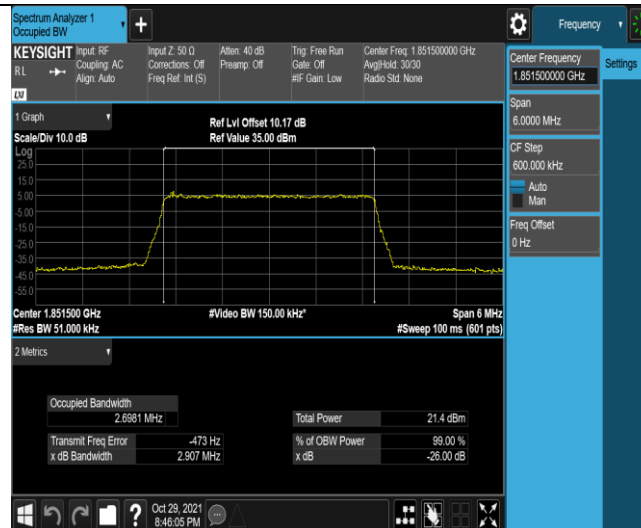
Band25-1.4MHz-16QAM-26365-6RB#0



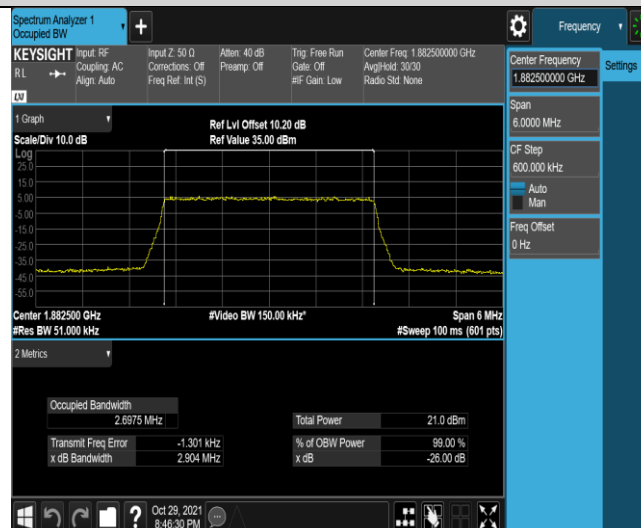
Band25-1.4MHz-16QAM-26683-6RB#0



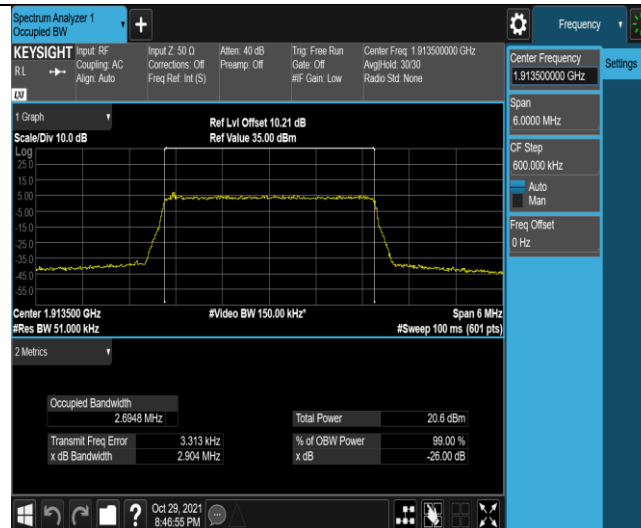
Band25-3MHz-QPSK-26055-15RB#0



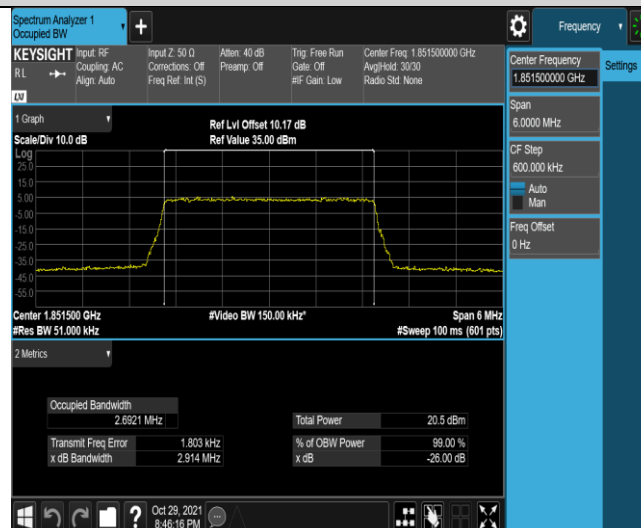
Band25-3MHz-QPSK-26365-15RB#0



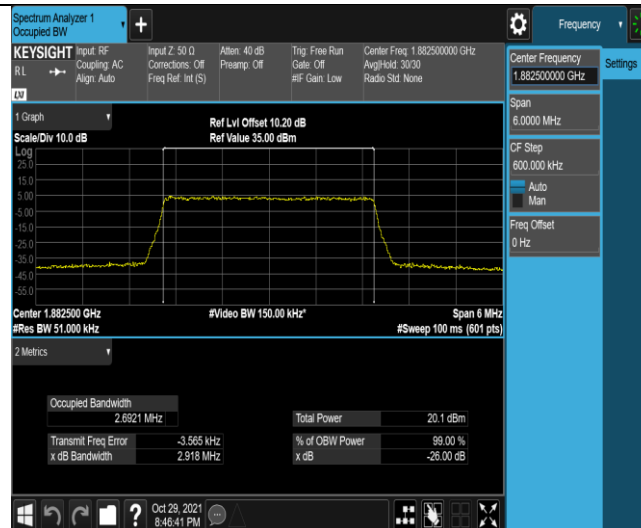
Band25-3MHz-QPSK-26675-15RB#0



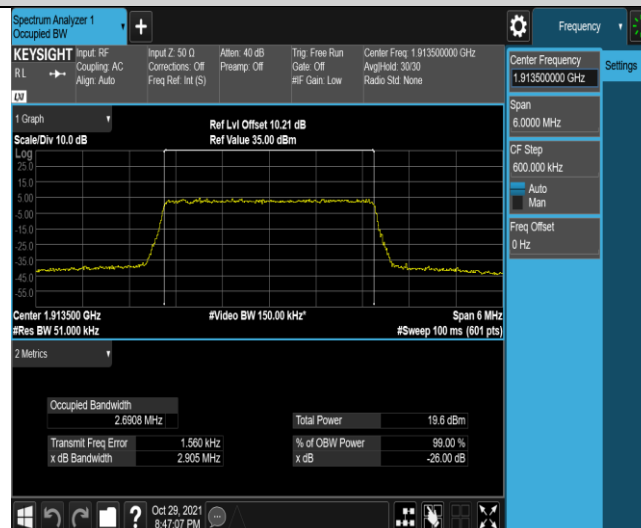
Band25-3MHz-16QAM-26055-15RB#0



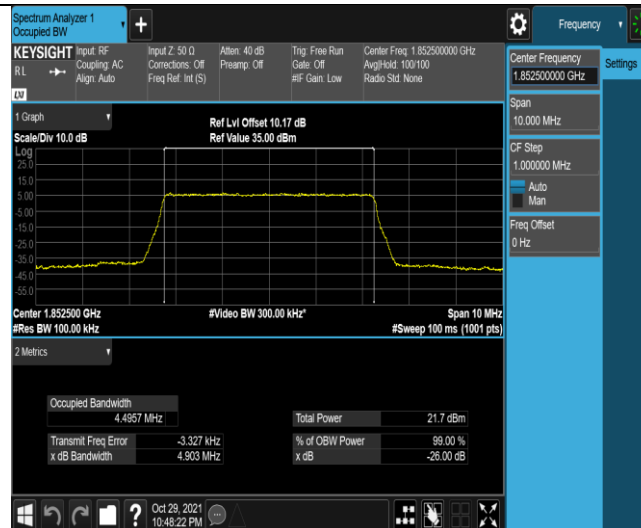
Band25-3MHz-16QAM-26365-15RB#0



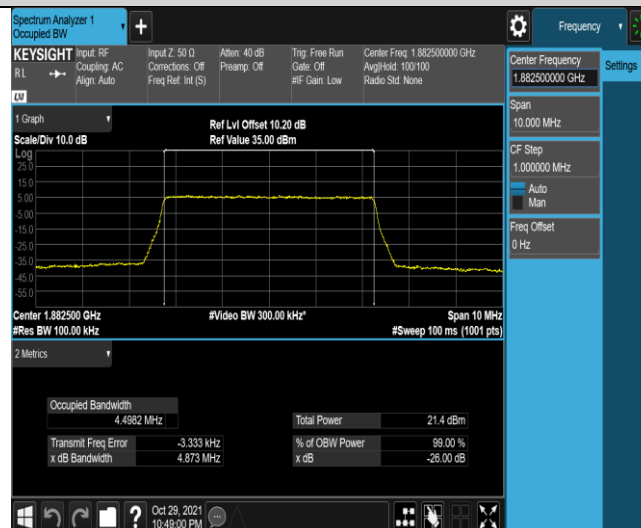
Band25-3MHz-16QAM-26675-15RB#0



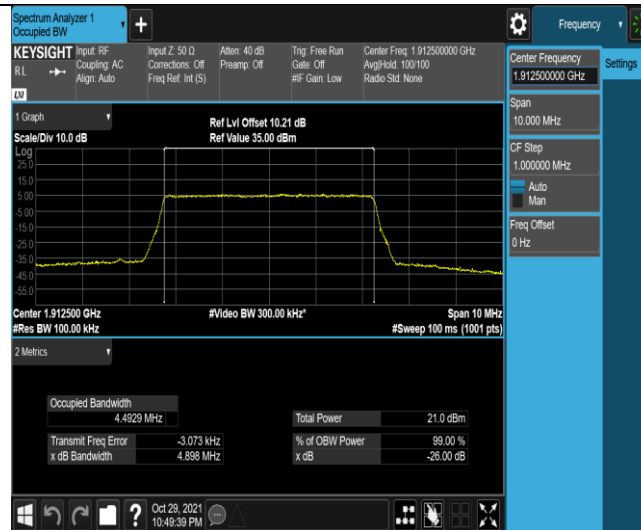
Band25-5MHz-QPSK-26065-25RB#0



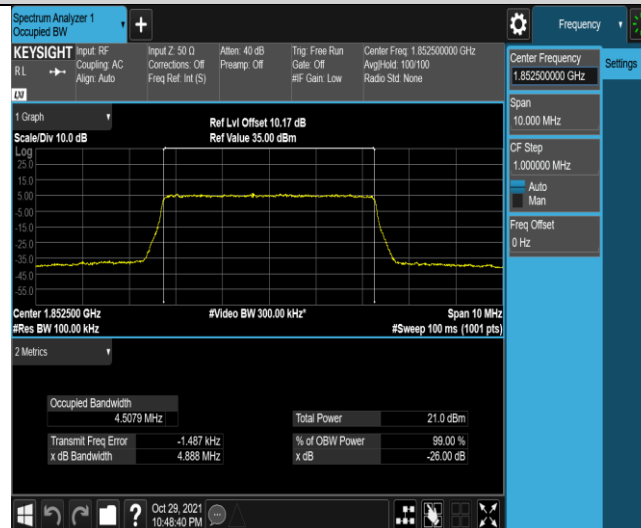
Band25-5MHz-QPSK-26365-25RB#0



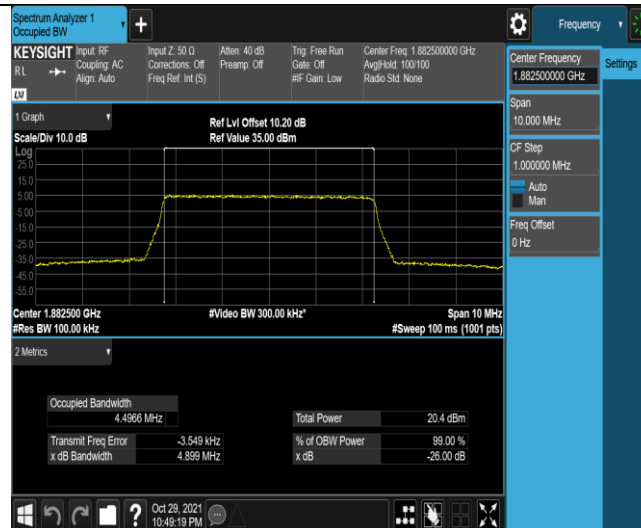
Band25-5MHz-QPSK-26665-25RB#0



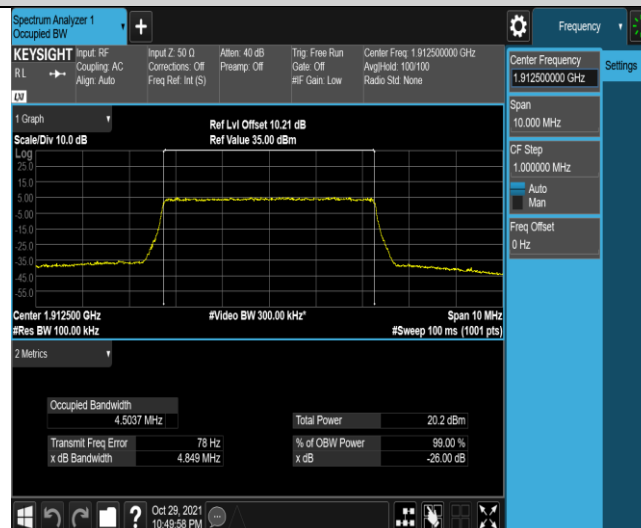
Band25-5MHz-16QAM-26065-25RB#0



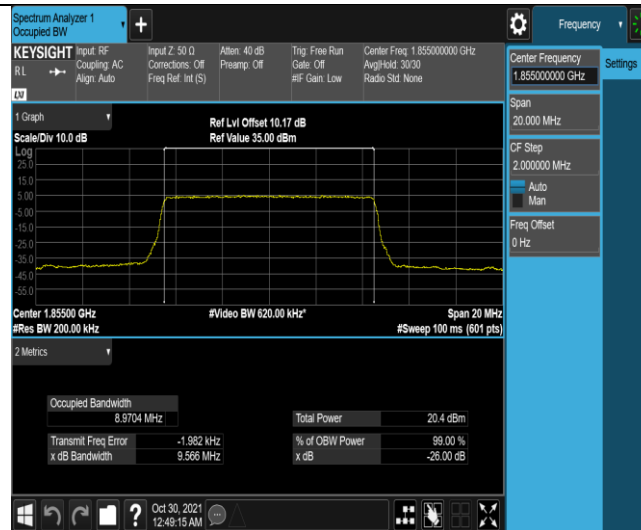
Band25-5MHz-16QAM-26365-25RB#0



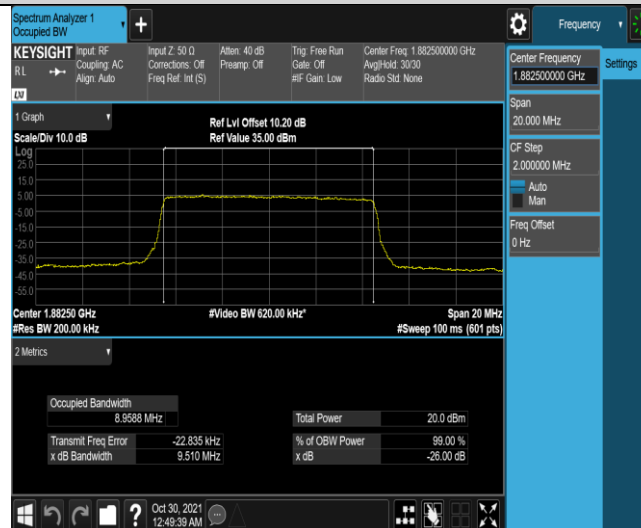
Band25-5MHz-16QAM-26665-25RB#0



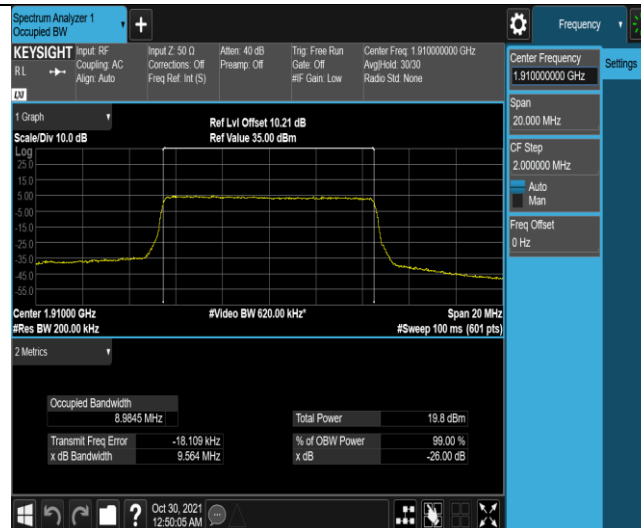
Band25-10MHz-QPSK-26090-50RB#0



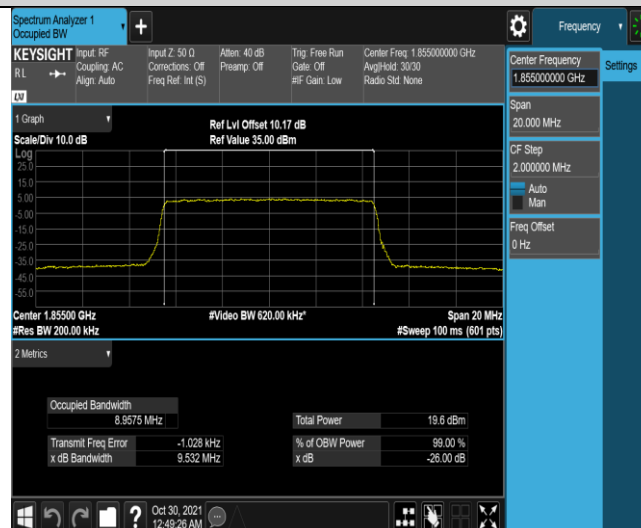
Band25-10MHz-QPSK-26365-50RB#0



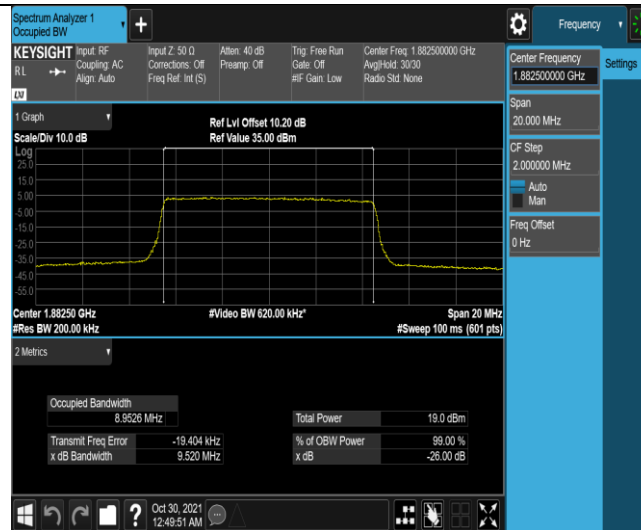
Band25-10MHz-QPSK-26640-50RB#0



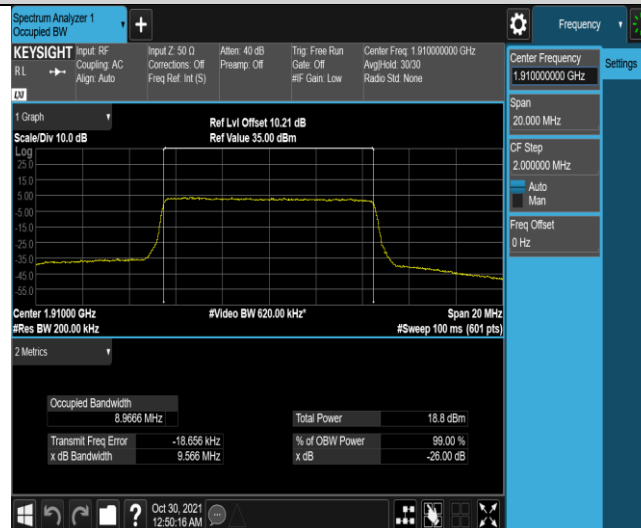
Band25-10MHz-16QAM-26090-50RB#0



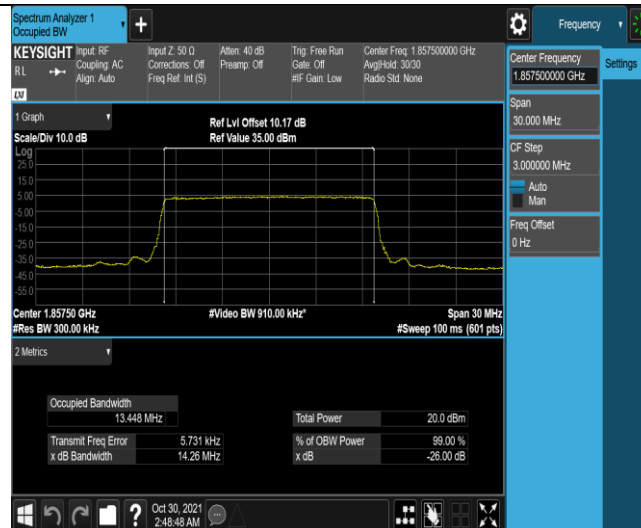
Band25-10MHz-16QAM-26365-50RB#0



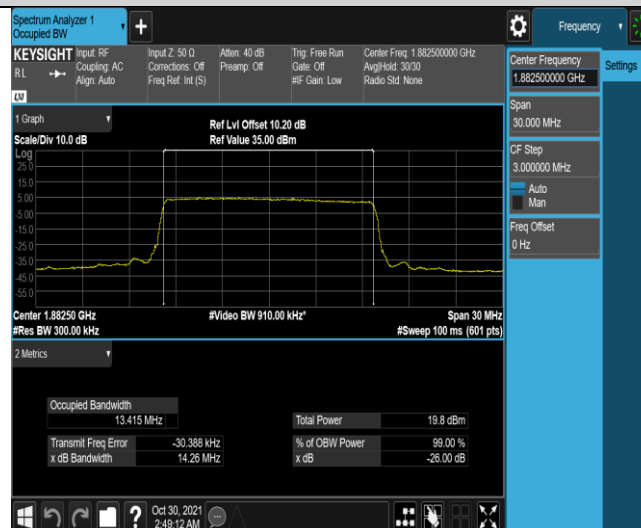
Band25-10MHz-16QAM-26640-50RB#0



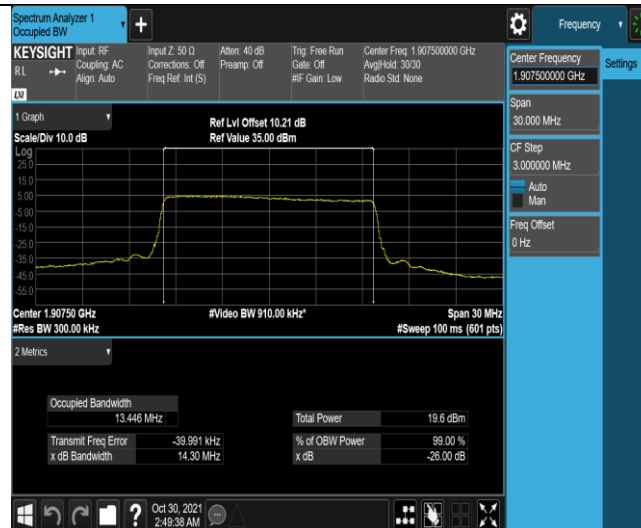
Band25-15MHz-QPSK-26115-75RB#0



Band25-15MHz-QPSK-26365-75RB#0



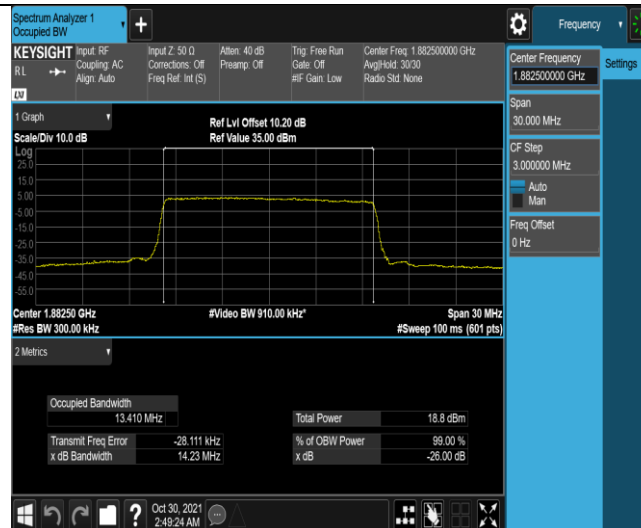
Band25-15MHz-QPSK-26615-75RB#0



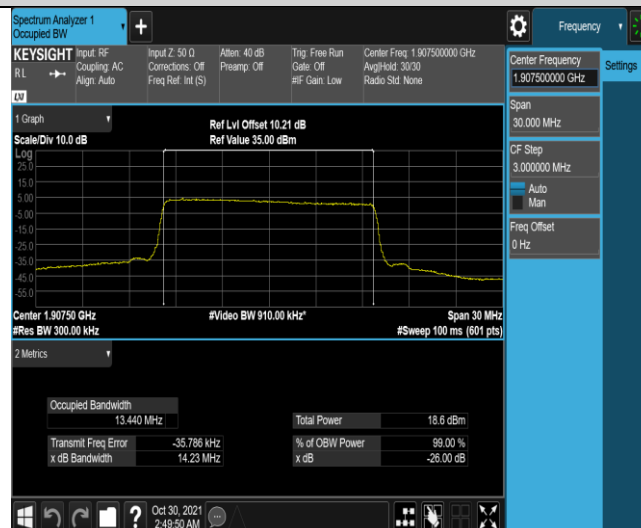
Band25-15MHz-16QAM-26115-75RB#0



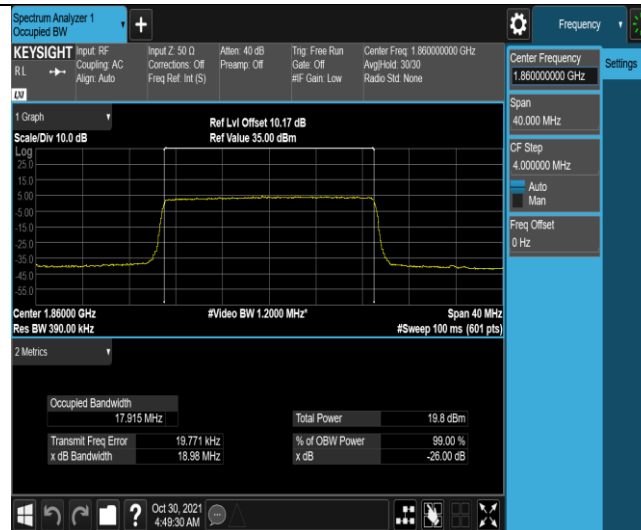
Band25-15MHz-16QAM-26365-75RB#0



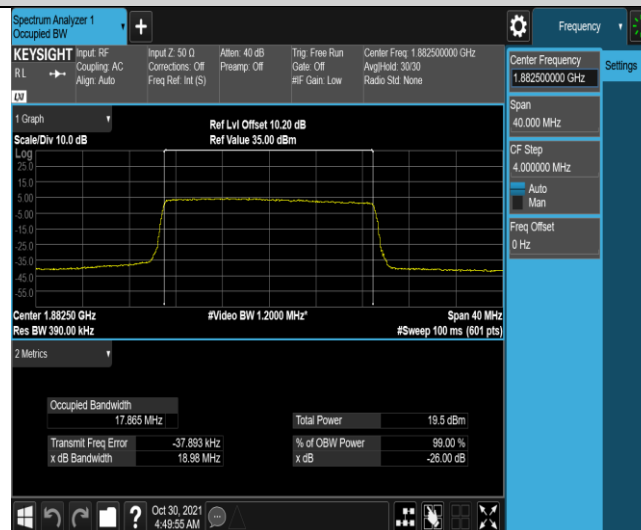
Band25-15MHz-16QAM-26615-75RB#0



Band25-20MHz-QPSK-26140-100RB#0



Band25-20MHz-QPSK-26365-100RB#0



Band25-20MHz-QPSK-26590-100RB#0