LTE Band25 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

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Appendix B: Peak-to-Average Ratio

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Appendix F: Frequency Stability

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	22.77	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.80	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.73	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	22.71	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	22.75	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	22.63	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.82	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.02	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.09	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.11	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	22.05	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	21.99	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	22.13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.04	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	21.52	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	21.54	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	21.56	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	21.58	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	21.48	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	21.30	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.35	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.98	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.11	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.96	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	21.76	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	21.71	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	21.73	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.76	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.24	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.19	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.27	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	21.06	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	21.06	PASS

Band25	1.4MHz	16QAM	26365	3RB#3	21.17	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	20.33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	20.65	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	20.69	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	19.92	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	20.33	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	20.38	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.82	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.75	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.82	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.68	PASS
Band25	3MHz	QPSK	26055	8RB#0	21.19	PASS
Band25	3MHz	QPSK	26055	8RB#4	21.20	PASS
Band25	3MHz	QPSK	26055	8RB#7	21.85	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.90	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.18	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.27	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.21	PASS
Band25	3MHz	QPSK	26365	8RB#0	21.20	PASS
Band25	3MHz	QPSK	26365	8RB#4	21.20	PASS
Band25	3MHz	QPSK	26365	8RB#7	21.21	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.21	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.27	PASS
Band25	3MHz	QPSK	26675	1RB#8	21.71	PASS
Band25	3MHz	QPSK	26675	1RB#14	21.67	PASS
Band25	3MHz	QPSK	26675	8RB#0	21.34	PASS
Band25	3MHz	QPSK	26675	8RB#4	21.39	PASS
Band25	3MHz	QPSK	26675	8RB#7	21.28	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.34	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.07	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.11	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.94	PASS
Band25	3MHz	16QAM	26055	8RB#0	21.09	PASS
Band25	3MHz	16QAM	26055	8RB#4	21.00	PASS
Band25	3MHz	16QAM	26055	8RB#7	20.93	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.91	PASS

Band25	3MHz	16QAM	26365	1RB#0	21.38	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.46	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.40	PASS
Band25	3MHz	16QAM	26365	8RB#0	20.27	PASS
Band25	3MHz	16QAM	26365	8RB#4	20.28	PASS
Band25	3MHz	16QAM	26365	8RB#7	20.36	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.18	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.18	PASS
Band25	3MHz	16QAM	26675	1RB#8	20.64	PASS
Band25	3MHz	16QAM	26675	1RB#14	20.58	PASS
Band25	3MHz	16QAM	26675	8RB#0	20.38	PASS
Band25	3MHz	16QAM	26675	8RB#4	20.45	PASS
Band25	3MHz	16QAM	26675	8RB#7	20.39	PASS
Band25	3MHz	16QAM	26675	15RB#0	20.35	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.94	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.90	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.78	PASS
Band25	5MHz	QPSK	26065	12RB#0	21.92	PASS
Band25	5MHz	QPSK	26065	12RB#6	21.92	PASS
Band25	5MHz	QPSK	26065	12RB#13	21.85	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.81	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.22	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.39	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.24	PASS
Band25	5MHz	QPSK	26365	12RB#0	21.21	PASS
Band25	5MHz	QPSK	26365	12RB#6	21.24	PASS
Band25	5MHz	QPSK	26365	12RB#13	21.21	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.19	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.40	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.37	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.03	PASS
Band25	5MHz	QPSK	26665	12RB#0	21.40	PASS
Band25	5MHz	QPSK	26665	12RB#6	21.33	PASS
Band25	5MHz	QPSK	26665	12RB#13	21.31	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.32	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.95	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.01	PASS

Band25	5MHz	16QAM	26065	1RB#24	21.90	PASS
Band25	5MHz	16QAM	26065	12RB#0	21.00	PASS
Band25	5MHz	16QAM	26065	12RB#6	20.90	PASS
Band25	5MHz	16QAM	26065	12RB#13	20.87	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.93	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.49	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.69	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.51	PASS
Band25	5MHz	16QAM	26365	12RB#0	20.36	PASS
Band25	5MHz	16QAM	26365	12RB#6	20.35	PASS
Band25	5MHz	16QAM	26365	12RB#13	20.36	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.27	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.61	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.59	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.23	PASS
Band25	5MHz	16QAM	26665	12RB#0	20.49	PASS
Band25	5MHz	16QAM	26665	12RB#6	20.51	PASS
Band25	5MHz	16QAM	26665	12RB#13	20.36	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.36	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.88	PASS
Band25	10MHz	QPSK	26090	1RB#24	22.72	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.70	PASS
Band25	10MHz	QPSK	26090	25RB#0	21.84	PASS
Band25	10MHz	QPSK	26090	25RB#12	21.82	PASS
Band25	10MHz	QPSK	26090	25RB#25	21.75	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.78	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.32	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.28	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.23	PASS
Band25	10MHz	QPSK	26365	25RB#0	21.20	PASS
Band25	10MHz	QPSK	26365	25RB#12	21.25	PASS
Band25	10MHz	QPSK	26365	25RB#25	21.21	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.17	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.22	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.25	PASS
Band25	10MHz	QPSK	26640	1RB#49	21.69	PASS
Band25	10MHz	QPSK	26640	25RB#0	21.32	PASS

Band25	10MHz	QPSK	26640	25RB#12	21.33	PASS
Band25	10MHz	QPSK	26640	25RB#25	21.33	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.24	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.22	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.02	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.01	PASS
Band25	10MHz	16QAM	26090	25RB#0	20.91	PASS
Band25	10MHz	16QAM	26090	25RB#12	20.94	PASS
Band25	10MHz	16QAM	26090	25RB#25	20.86	PASS
Band25	10MHz	16QAM	26090	50RB#0	20.93	PASS
Band25	10MHz	16QAM	26365	1RB#0	21.35	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.23	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.20	PASS
Band25	10MHz	16QAM	26365	25RB#0	20.36	PASS
Band25	10MHz	16QAM	26365	25RB#12	20.36	PASS
Band25	10MHz	16QAM	26365	25RB#25	20.32	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.29	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.50	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.55	PASS
Band25	10MHz	16QAM	26640	1RB#49	20.86	PASS
Band25	10MHz	16QAM	26640	25RB#0	20.38	PASS
Band25	10MHz	16QAM	26640	25RB#12	20.37	PASS
Band25	10MHz	16QAM	26640	25RB#25	20.40	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.26	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.72	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.57	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.44	PASS
Band25	15MHz	QPSK	26115	38RB#0	21.63	PASS
Band25	15MHz	QPSK	26115	38RB#18	21.66	PASS
Band25	15MHz	QPSK	26115	38RB#37	21.66	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.64	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.21	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.19	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.04	PASS
Band25	15MHz	QPSK	26365	38RB#0	21.10	PASS
Band25	15MHz	QPSK	26365	38RB#18	21.11	PASS
Band25	15MHz	QPSK	26365	38RB#37	21.08	PASS

Band25	15MHz	QPSK	26365	75RB#0	21.08	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.21	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.17	PASS
Band25	15MHz	QPSK	26615	1RB#74	21.15	PASS
Band25	15MHz	QPSK	26615	38RB#0	21.19	PASS
Band25	15MHz	QPSK	26615	38RB#18	21.14	PASS
Band25	15MHz	QPSK	26615	38RB#37	21.15	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.18	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.11	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.99	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.89	PASS
Band25	15MHz	16QAM	26115	38RB#0	21.63	PASS
Band25	15MHz	16QAM	26115	38RB#18	21.67	PASS
Band25	15MHz	16QAM	26115	38RB#37	21.65	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.79	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.21	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.19	PASS
Band25	15MHz	16QAM	26365	1RB#74	20.98	PASS
Band25	15MHz	16QAM	26365	38RB#0	21.07	PASS
Band25	15MHz	16QAM	26365	38RB#18	21.07	PASS
Band25	15MHz	16QAM	26365	38RB#37	21.05	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.20	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.17	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.11	PASS
Band25	15MHz	16QAM	26615	1RB#74	20.02	PASS
Band25	15MHz	16QAM	26615	38RB#0	21.12	PASS
Band25	15MHz	16QAM	26615	38RB#18	21.14	PASS
Band25	15MHz	16QAM	26615	38RB#37	21.18	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.27	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.77	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.49	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.58	PASS
Band25	20MHz	QPSK	26140	50RB#0	21.75	PASS
Band25	20MHz	QPSK	26140	50RB#25	21.70	PASS
Band25	20MHz	QPSK	26140	50RB#50	21.59	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.64	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.26	PASS

Band25	20MHz	QPSK	26365	1RB#49	22.07	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.02	PASS
Band25	20MHz	QPSK	26365	50RB#0	21.27	PASS
Band25	20MHz	QPSK	26365	50RB#25	21.22	PASS
Band25	20MHz	QPSK	26365	50RB#50	21.16	PASS
Band25	20MHz	QPSK	26365	100RB#0	21.17	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.05	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.12	PASS
Band25	20MHz	QPSK	26590	1RB#99	20.85	PASS
Band25	20MHz	QPSK	26590	50RB#0	21.23	PASS
Band25	20MHz	QPSK	26590	50RB#25	21.23	PASS
Band25	20MHz	QPSK	26590	50RB#50	21.21	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.19	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.86	PASS
Band25	20MHz	16QAM	26140	1RB#49	21.69	PASS
Band25	20MHz	16QAM	26140	1RB#99	21.78	PASS
Band25	20MHz	16QAM	26140	50RB#0	20.85	PASS
Band25	20MHz	16QAM	26140	50RB#25	20.84	PASS
Band25	20MHz	16QAM	26140	50RB#50	20.72	PASS
Band25	20MHz	16QAM	26140	100RB#0	20.74	PASS
Band25	20MHz	16QAM	26365	1RB#0	21.47	PASS
Band25	20MHz	16QAM	26365	1RB#49	21.29	PASS
Band25	20MHz	16QAM	26365	1RB#99	21.19	PASS
Band25	20MHz	16QAM	26365	50RB#0	20.40	PASS
Band25	20MHz	16QAM	26365	50RB#25	20.39	PASS
Band25	20MHz	16QAM	26365	50RB#50	20.28	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.25	PASS
Band25	20MHz	16QAM	26590	1RB#0	21.25	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.31	PASS
Band25	20MHz	16QAM	26590	1RB#99	20.00	PASS
Band25	20MHz	16QAM	26590	50RB#0	20.35	PASS
Band25	20MHz	16QAM	26590	50RB#25	20.36	PASS
Band25	20MHz	16QAM	26590	50RB#50	20.27	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.37	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	3.89	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	4.90	13	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	3.90	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	4.94	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	3.86	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	4.82	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.72	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	6.15	13	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	5.66	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	8.01	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	5.56	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	6.07	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	3.72	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	4.70	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	3.66	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	4.76	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	3.66	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	4.63	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	6.11	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	7.22	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	6.28	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.12	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	5.41	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.00	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	3.70	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.95	13	PASS
Band25	5MHz	QPSK	26365	1RB#0	3.70	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.99	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	3.54	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.19	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.51	13	PASS

Band25	5MHz	16QAM	26065	25RB#0	6.12	13	PASS
Band25	5MHz	16QAM	26365	1RB#0	5.35	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.13	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	4.94	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	5.81	13	PASS
Band25	10MHz	QPSK	26090	1RB#0	3.63	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	4.87	13	PASS
Band25	10MHz	QPSK	26365	1RB#0	3.63	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	4.89	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	3.58	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	4.75	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	5.39	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	6.09	13	PASS
Band25	10MHz	16QAM	26365	1RB#0	5.41	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.10	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	5.40	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	5.92	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	3.62	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	4.97	13	PASS
Band25	15MHz	QPSK	26365	1RB#0	3.61	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	4.99	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	3.53	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	4.61	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	5.36	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.13	13	PASS
Band25	15MHz	16QAM	26365	1RB#0	5.51	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.12	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	5.19	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	5.88	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	3.61	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	4.70	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	3.60	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	4.74	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	3.64	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	4.66	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.36	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.02	13	PASS

Band25	20MHz	16QAM	26365	1RB#0	5.56	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	10.06	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	5.30	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	5.93	13	PASS

Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0

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

Band25-1.4MHz-QPSK-26365-1RB#0

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

Band25-1.4MHz-QPSK-26683-1RB#0

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

Band25-1.4MHz-16QAM-26047-1RB#0

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

Band25-1.4MHz-16QAM-26365-1RB#0

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

Band25-1.4MHz-16QAM-26683-1RB#0

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

Band25-3MHz-QPSK-26055-1RB#0

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

Band25-3MHz-QPSK-26365-1RB#0

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

Band25-3MHz-QPSK-26675-1RB#0

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

Band25-3MHz-16QAM-26055-1RB#0

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

Band25-3MHz-16QAM-26365-1RB#0

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

Band25-3MHz-16QAM-26675-1RB#0

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

Band25-5MHz-QPSK-26065-1RB#0

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

Band25-5MHz-QPSK-26365-1RB#0

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

Band25-5MHz-QPSK-26665-1RB#0

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

Band25-5MHz-16QAM-26065-1RB#0

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

Band25-5MHz-16QAM-26365-1RB#0

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

Band25-5MHz-16QAM-26665-1RB#0

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

Band25-10MHz-QPSK-26090-1RB#0

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

Band25-10MHz-QPSK-26365-1RB#0

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

Band25-10MHz-QPSK-26640-1RB#0

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

Band25-10MHz-16QAM-26090-1RB#0

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

Band25-10MHz-16QAM-26365-1RB#0

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

Band25-10MHz-16QAM-26640-1RB#0

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

Band25-15MHz-QPSK-26115-1RB#0

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

Band25-15MHz-QPSK-26365-1RB#0

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

Band25-15MHz-QPSK-26615-1RB#0

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

Band25-15MHz-16QAM-26115-1RB#0

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

Band25-15MHz-16QAM-26365-1RB#0

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

Band25-15MHz-16QAM-26615-1RB#0

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

Band25-20MHz-QPSK-26140-1RB#0

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

Band25-20MHz-QPSK-26365-1RB#0

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

Band25-20MHz-QPSK-26590-1RB#0

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

Band25-20MHz-16QAM-26140-1RB#0

Band25-20MHz-16QAM-26140-100RB#0

Band25-20MHz-16QAM-26365-1RB#0

Band25-20MHz-16QAM-26365-100RB#0

Band25-20MHz-16QAM-26590-1RB#0

Band25-20MHz-16QAM-26590-100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

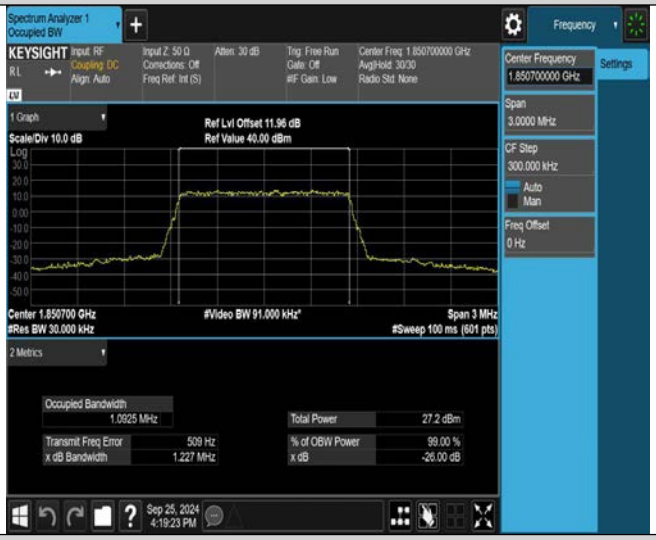
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0925	1.227	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0874	1.225	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0887	1.215	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0895	1.232	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0889	1.205	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0886	1.219	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6980	2.921	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.7003	2.903	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6981	2.882	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6948	2.923	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6997	2.898	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6996	2.917	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5051	4.888	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5036	4.888	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5051	4.851	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5020	4.856	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5098	4.858	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5053	4.875	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9694	9.519	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9757	9.551	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9395	9.502	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9817	9.517	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9806	9.556	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9381	9.479	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.433	14.31	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.457	14.29	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.357	14.22	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.425	14.25	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.368	13.95	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.366	14.21	PASS

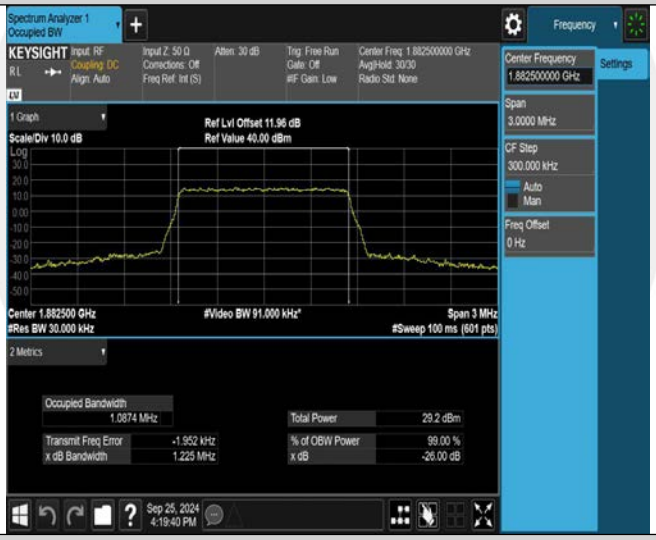
Band25	20MHz	QPSK	26140	100RB#0	17.872	18.98	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.900	18.99	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.789	18.91	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.886	18.95	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.889	18.93	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.798	18.90	PASS

Test Graphs

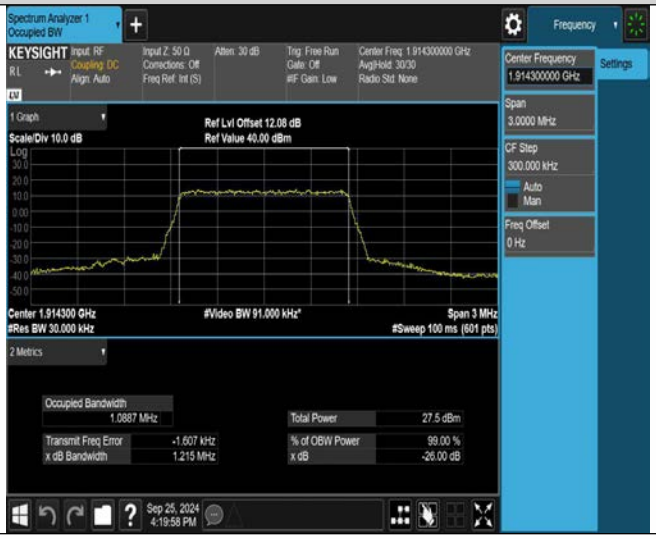
Band25-1.4MHz-QPSK-26047-6RB#0



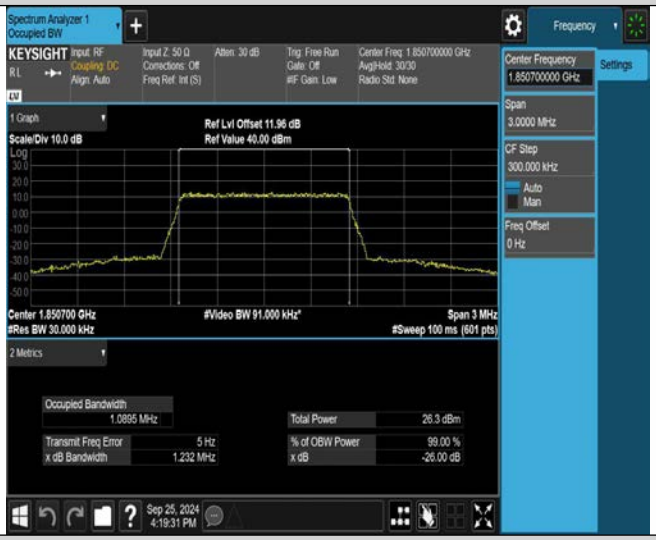
Band25-1.4MHz-QPSK-26365-6RB#0



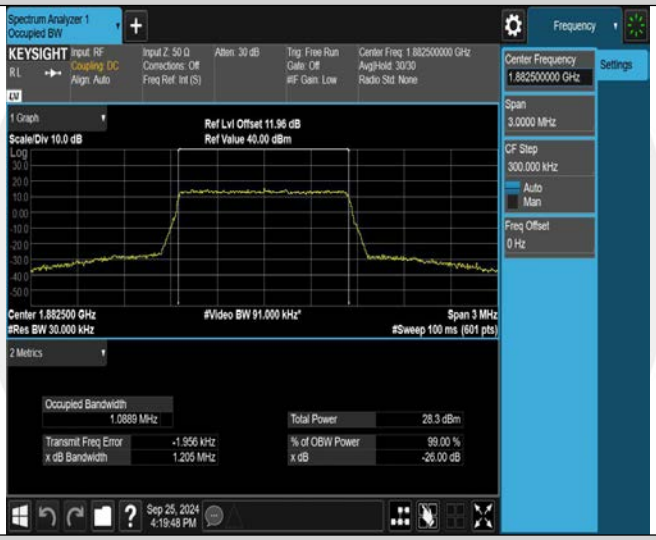
Band25-1.4MHz-QPSK-26683-6RB#0



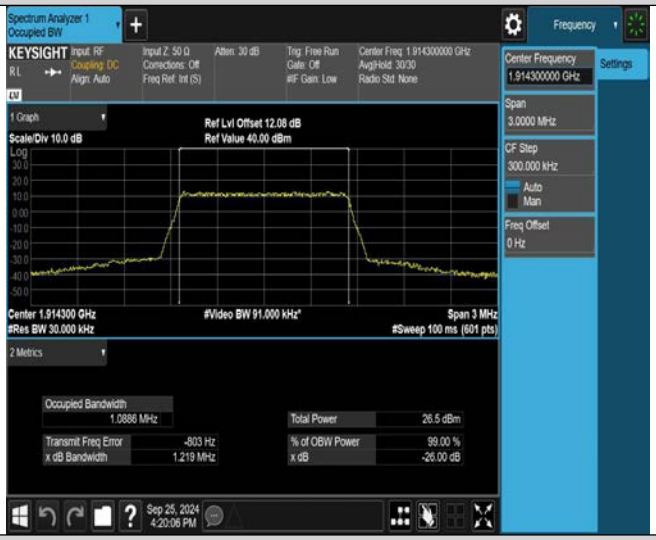
Band25-1.4MHz-16QAM-26047-6RB#0



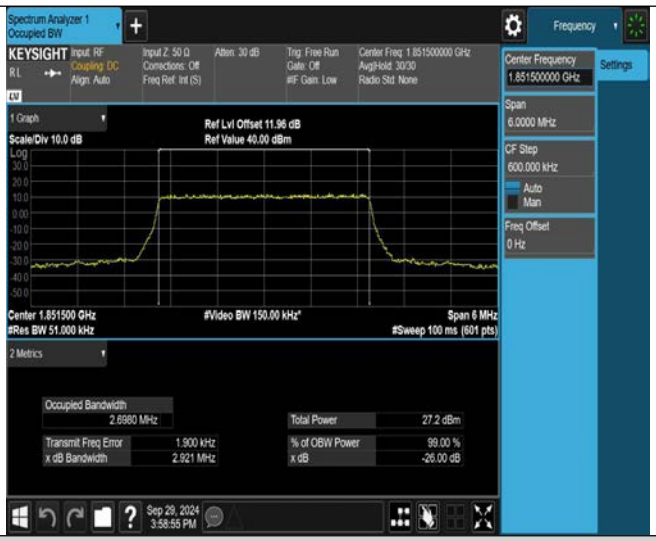
Band25-1.4MHz-16QAM-26365-6RB#0



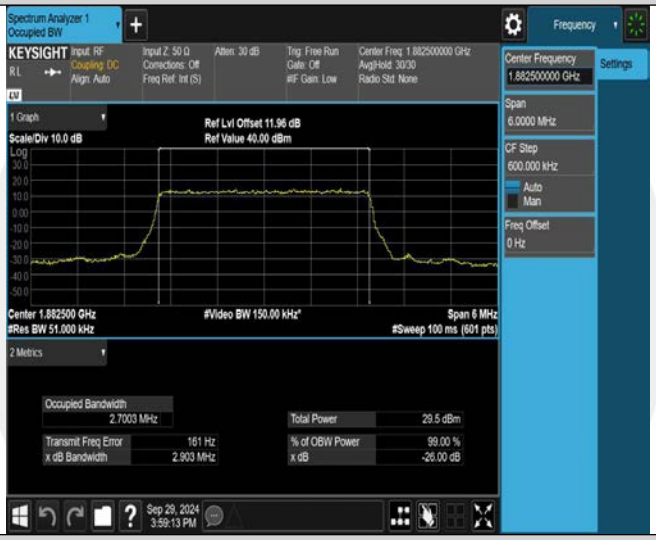
Band25-1.4MHz-16QAM-26683-6RB#0



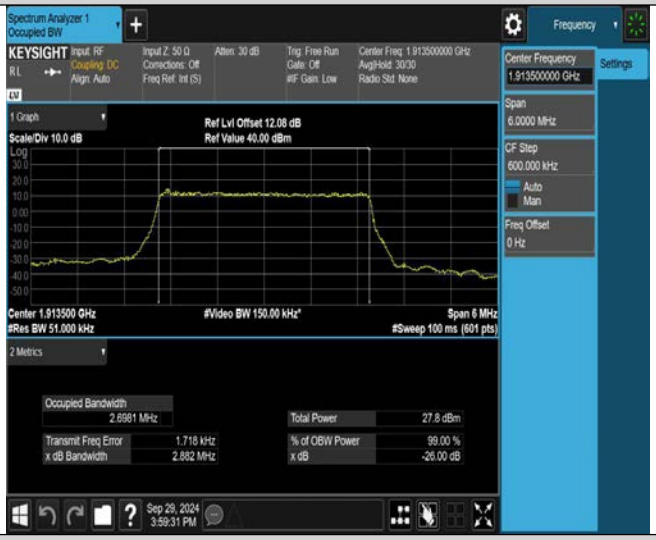
Band25-3MHz-QPSK-26055-15RB#0



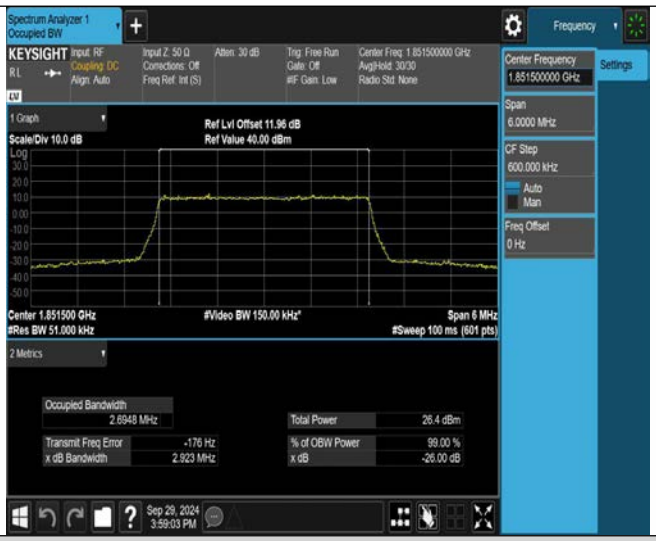
Band25-3MHz-QPSK-26365-15RB#0



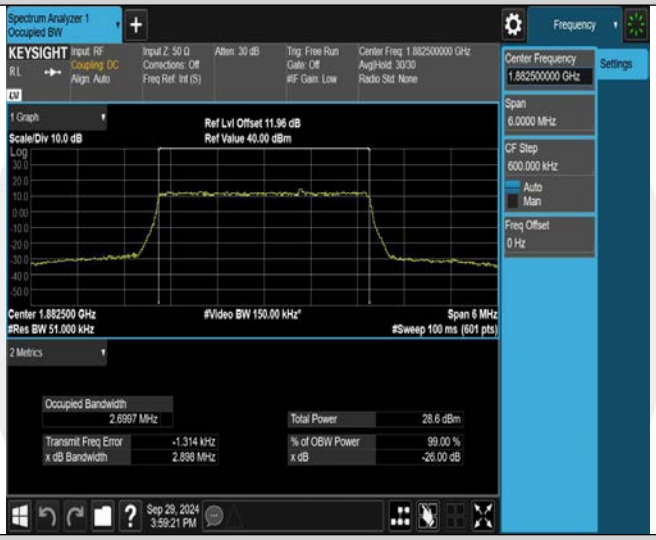
Band25-3MHz-QPSK-26675-15RB#0



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

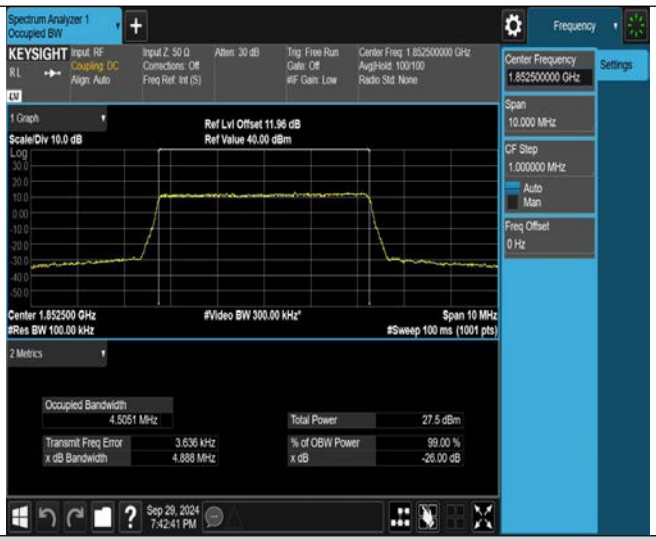


Band25-3MHz-16QAM-26365-15RB#0

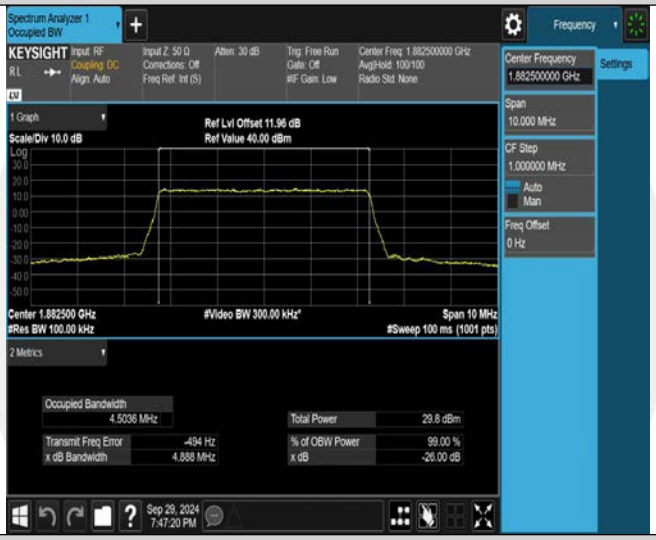


Band25-3MHz-16QAM-26675-15RB#0

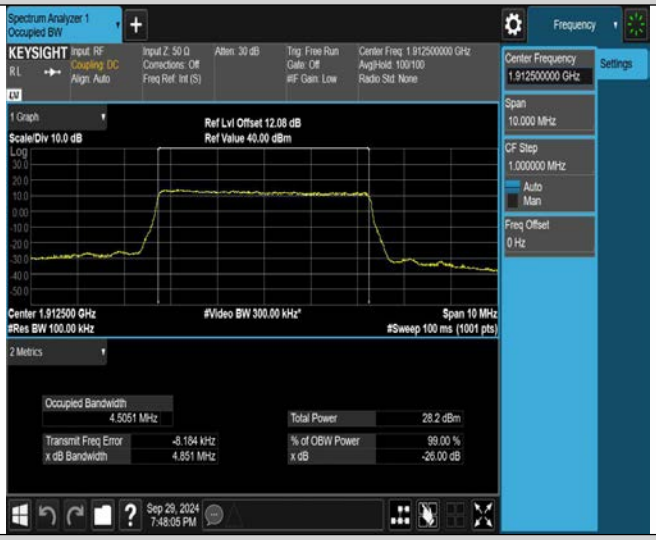
Band25-5MHz-QPSK-26065-25RB#0



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

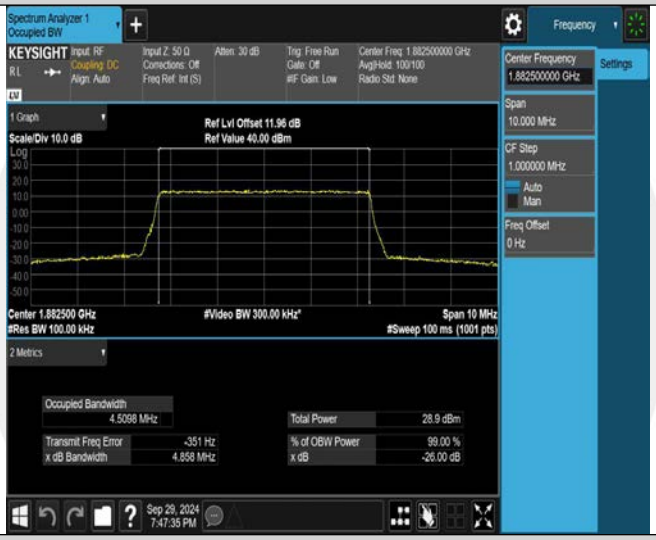


Band25-5MHz-QPSK-26665-25RB#0



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

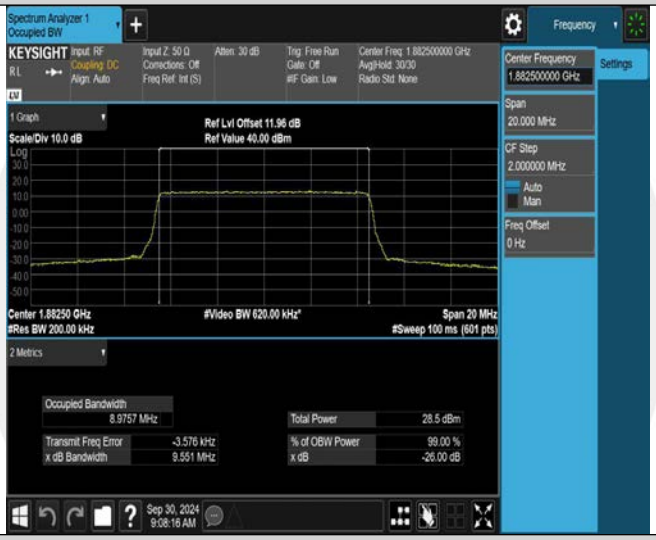
Band25-5MHz-16QAM-26365-25RB#0



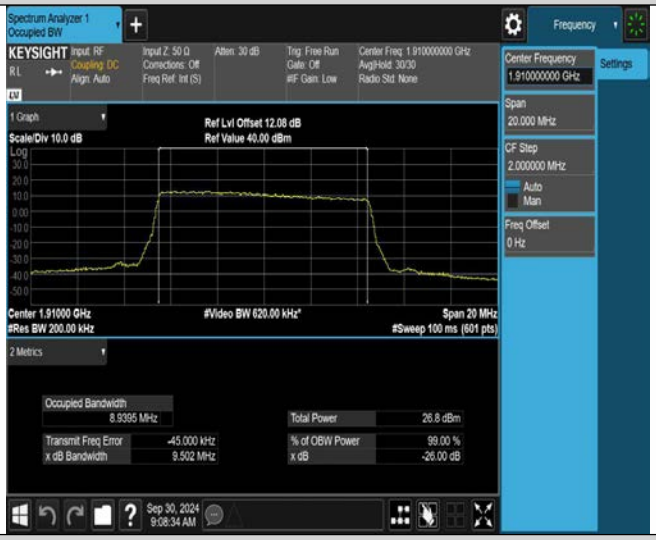
Band25-5MHz-16QAM-26665-25RB#0

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

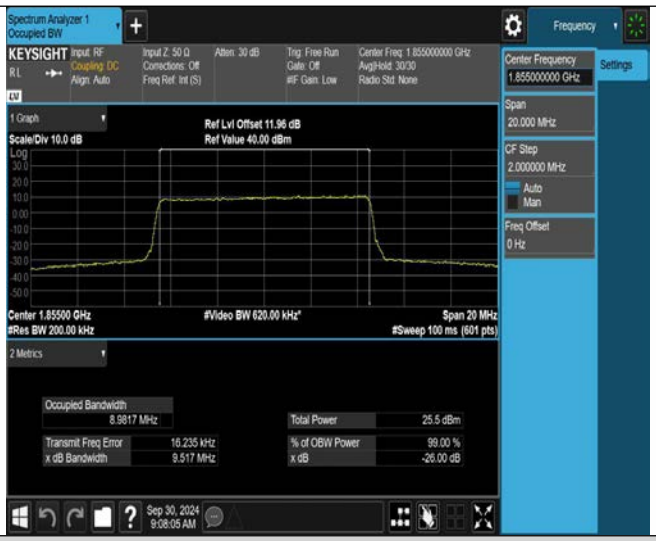
Band25-10MHz-QPSK-26365-50RB#0



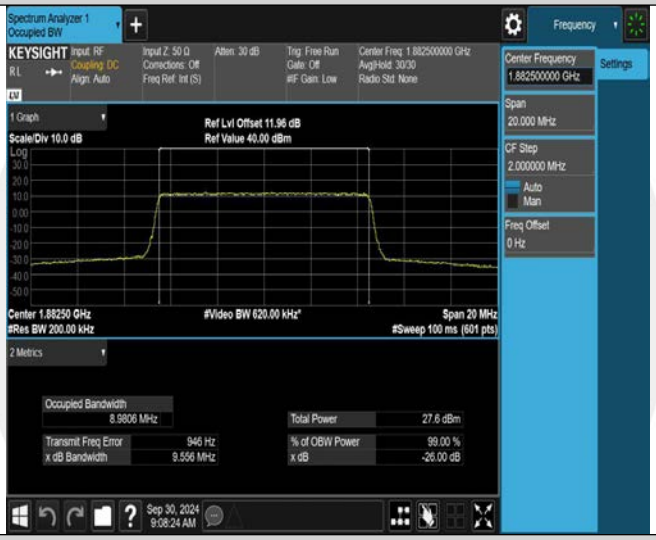
Band25-10MHz-QPSK-26640-50RB#0



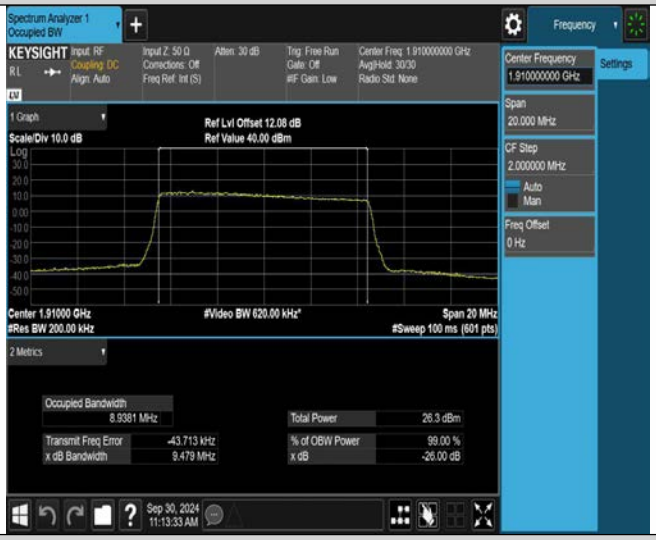
Band25-10MHz-16QAM-26090-50RB#0



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

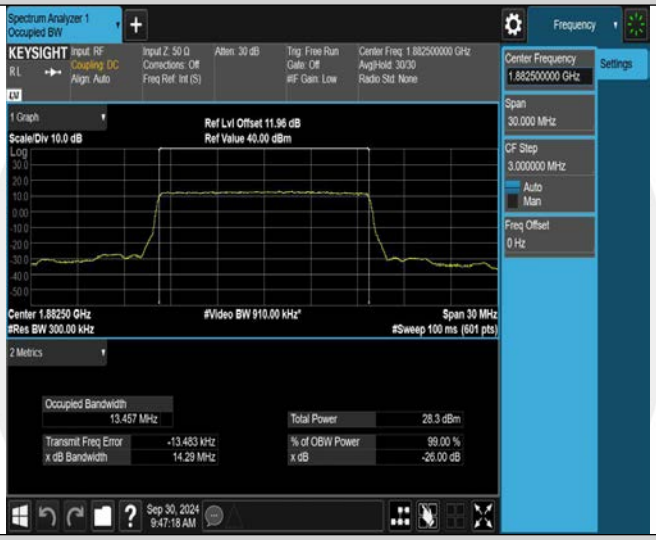


Band25-10MHz-16QAM-26640-50RB#0

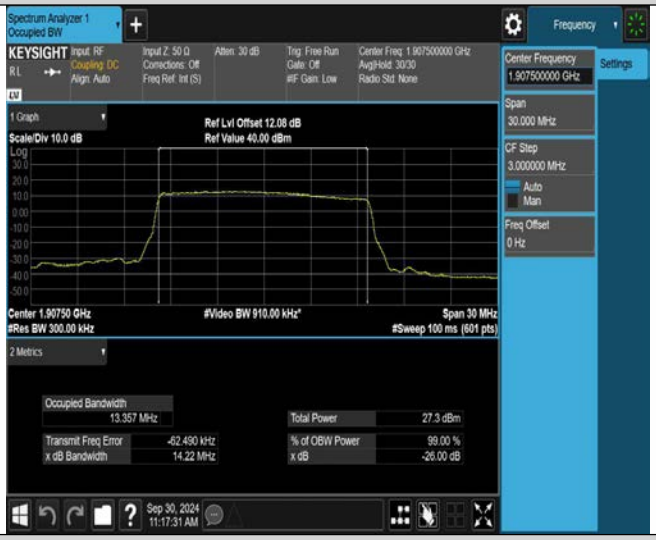


Band25-15MHz-QPSK-26115-75RB#0

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



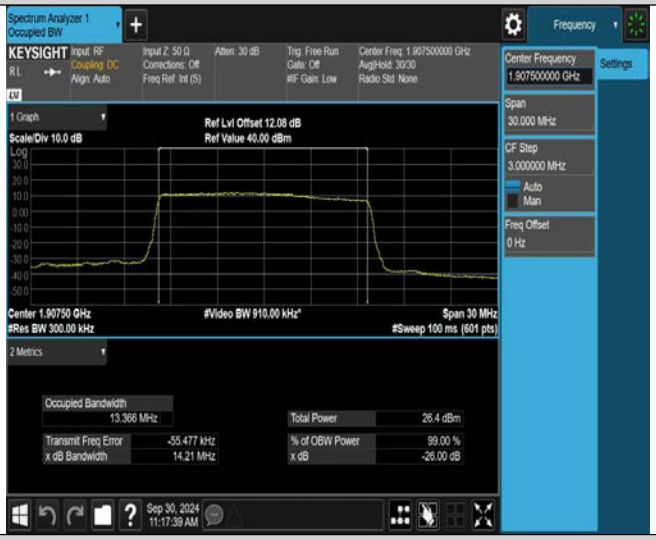
Band25-15MHz-QPSK-26615-75RB#0



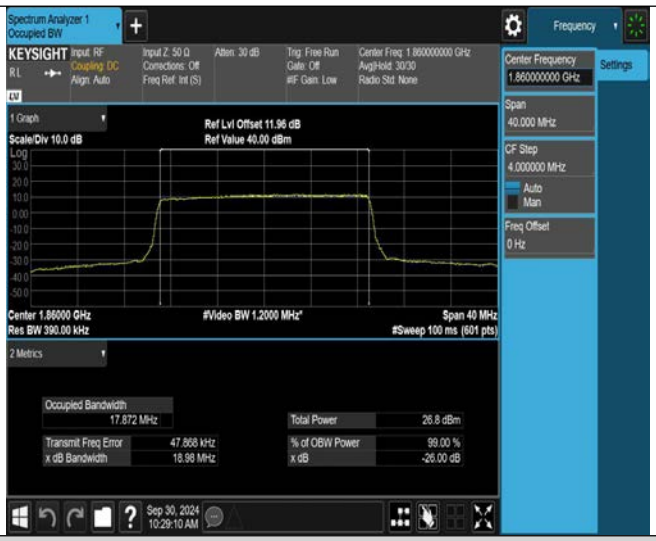
Band25-15MHz-16QAM-26115-75RB#0

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

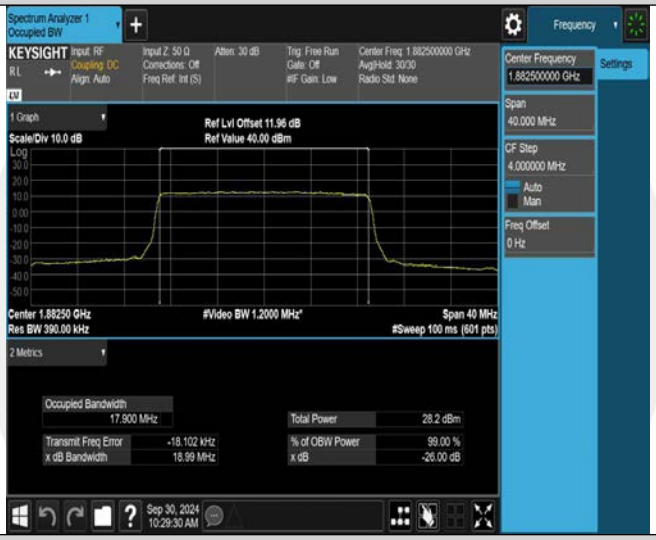
Band25-15MHz-16QAM-26615-75RB#0



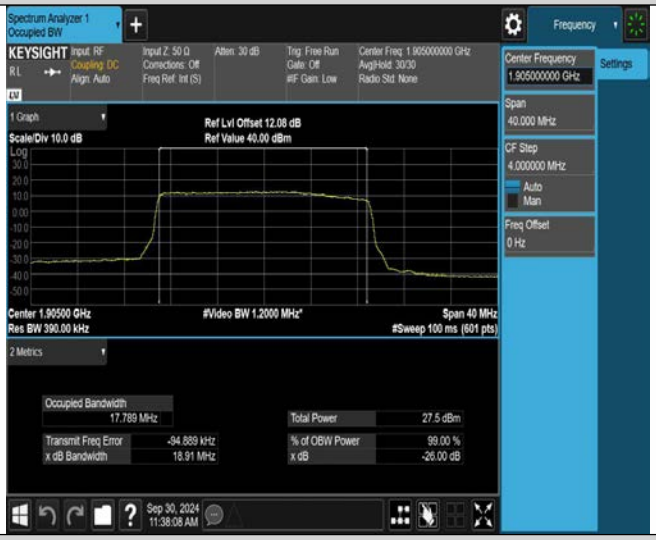
Band25-20MHz-QPSK-26140-100RB#0



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

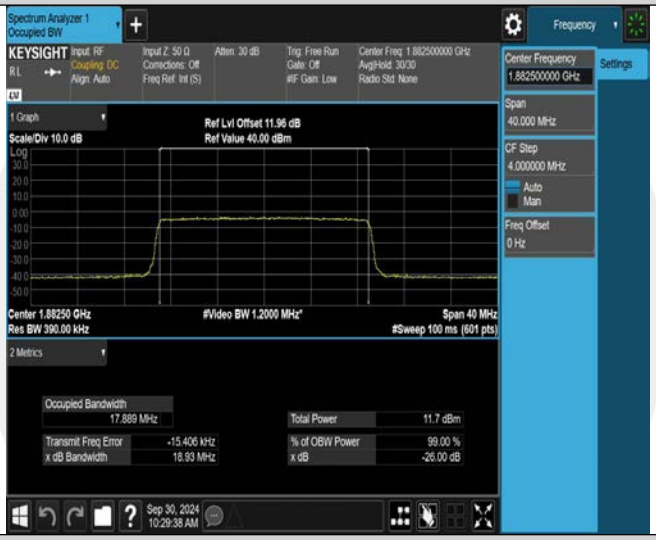


Band25-20MHz-QPSK-26590-100RB#0



Band25-20MHz-16QAM-26140-100RB#0

Band25-20MHz-16QAM-26365-100RB#0



Band25-20MHz-16QAM-26590-100RB#0

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-29.31	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	-44.66	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-29.37	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	-42.04	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-33.44	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-33.66	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-29.91	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	-45.50	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-54.13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	-42.38	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-33.62	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-34.28	PASS
Band25	3MHz	QPSK	26055	1RB#0	-14.57	PASS
Band25	3MHz	QPSK	26055	1RB#14	-44.03	PASS
Band25	3MHz	QPSK	26055	15RB#0	-20.74	PASS
Band25	3MHz	QPSK	26675	1RB#0	-44.43	PASS
Band25	3MHz	QPSK	26675	1RB#14	-15.32	PASS
Band25	3MHz	QPSK	26675	15RB#0	-21.23	PASS
Band25	3MHz	16QAM	26055	1RB#0	-15.95	PASS
Band25	3MHz	16QAM	26055	1RB#14	-46.25	PASS
Band25	3MHz	16QAM	26055	15RB#0	-23.82	PASS
Band25	3MHz	16QAM	26675	1RB#0	-45.50	PASS
Band25	3MHz	16QAM	26675	1RB#14	-18.20	PASS
Band25	3MHz	16QAM	26675	15RB#0	-24.68	PASS
Band25	5MHz	QPSK	26065	1RB#0	-16.02	PASS
Band25	5MHz	QPSK	26065	1RB#24	-47.83	PASS
Band25	5MHz	QPSK	26065	25RB#0	-22.96	PASS
Band25	5MHz	QPSK	26665	1RB#0	-47.33	PASS
Band25	5MHz	QPSK	26665	1RB#24	-16.14	PASS
Band25	5MHz	QPSK	26665	25RB#0	-22.31	PASS
Band25	5MHz	16QAM	26065	1RB#0	-48.67	PASS
Band25	5MHz	16QAM	26065	1RB#24	-47.85	PASS

Band25	5MHz	16QAM	26065	25RB#0	-24.99	PASS
Band25	5MHz	16QAM	26665	1RB#0	-47.53	PASS
Band25	5MHz	16QAM	26665	1RB#24	-17.48	PASS
Band25	5MHz	16QAM	26665	25RB#0	-24.72	PASS
Band25	10MHz	QPSK	26090	1RB#0	-23.69	PASS
Band25	10MHz	QPSK	26090	1RB#49	-42.96	PASS
Band25	10MHz	QPSK	26090	50RB#0	-25.89	PASS
Band25	10MHz	QPSK	26640	1RB#0	-44.12	PASS
Band25	10MHz	QPSK	26640	1RB#49	-23.33	PASS
Band25	10MHz	QPSK	26640	50RB#0	-26.58	PASS
Band25	10MHz	16QAM	26090	1RB#0	-23.61	PASS
Band25	10MHz	16QAM	26090	1RB#49	-44.62	PASS
Band25	10MHz	16QAM	26090	50RB#0	-28.87	PASS
Band25	10MHz	16QAM	26640	1RB#0	-44.91	PASS
Band25	10MHz	16QAM	26640	1RB#49	-23.81	PASS
Band25	10MHz	16QAM	26640	50RB#0	-30.94	PASS
Band25	15MHz	QPSK	26115	1RB#0	-22.38	PASS
Band25	15MHz	QPSK	26115	1RB#74	-42.34	PASS
Band25	15MHz	QPSK	26115	75RB#0	-25.42	PASS
Band25	15MHz	QPSK	26615	1RB#0	-41.35	PASS
Band25	15MHz	QPSK	26615	1RB#74	-28.31	PASS
Band25	15MHz	QPSK	26615	75RB#0	-26.21	PASS
Band25	15MHz	16QAM	26115	1RB#0	-22.73	PASS
Band25	15MHz	16QAM	26115	1RB#74	-43.20	PASS
Band25	15MHz	16QAM	26115	75RB#0	-29.95	PASS
Band25	15MHz	16QAM	26615	1RB#0	-42.94	PASS
Band25	15MHz	16QAM	26615	1RB#74	-23.02	PASS
Band25	15MHz	16QAM	26615	75RB#0	-32.76	PASS
Band25	20MHz	QPSK	26140	1RB#0	-23.28	PASS
Band25	20MHz	QPSK	26140	1RB#99	-42.53	PASS
Band25	20MHz	QPSK	26140	100RB#0	-27.25	PASS
Band25	20MHz	QPSK	26590	1RB#0	-42.26	PASS
Band25	20MHz	QPSK	26590	1RB#99	-24.02	PASS
Band25	20MHz	QPSK	26590	100RB#0	-29.01	PASS
Band25	20MHz	16QAM	26140	1RB#0	-23.77	PASS
Band25	20MHz	16QAM	26140	1RB#99	-42.72	PASS
Band25	20MHz	16QAM	26140	100RB#0	-30.36	PASS

Band25	20MHz	16QAM	26590	1RB#0	-42.29	PASS
Band25	20MHz	16QAM	26590	1RB#99	-24.48	PASS
Band25	20MHz	16QAM	26590	100RB#0	-35.38	PASS

Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0

Band25-1.4MHz-QPSK-26047-1RB#5

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

Band25-1.4MHz-QPSK-26683-1RB#0

Band25-1.4MHz-QPSK-26683-1RB#5

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

Band25-1.4MHz-16QAM-26047-1RB#0

Band25-1.4MHz-16QAM-26047-1RB#5

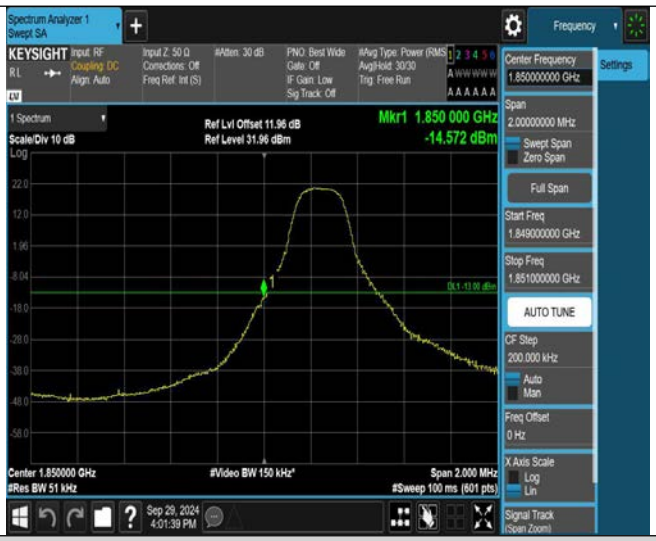
Band25-1.4MHz-16QAM-26047-6RB#0

Band25-1.4MHz-16QAM-26683-1RB#0

Band25-1.4MHz-16QAM-26683-1RB#5

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

Band25-3MHz-QPSK-26055-1RB#0

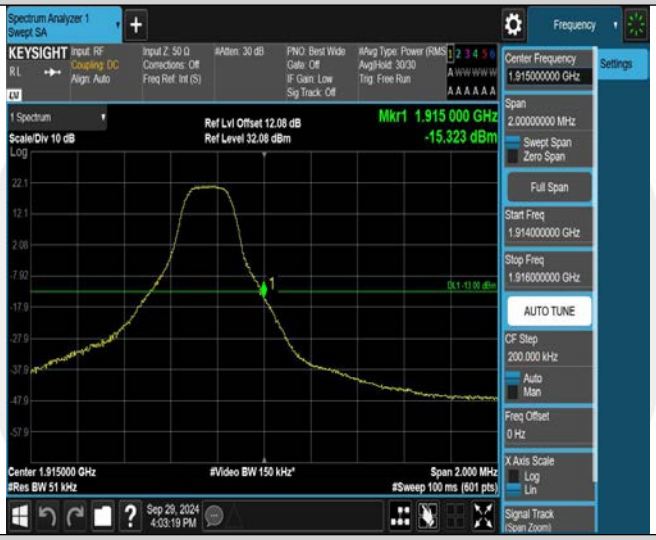


Band25-3MHz-QPSK-26055-1RB#14

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

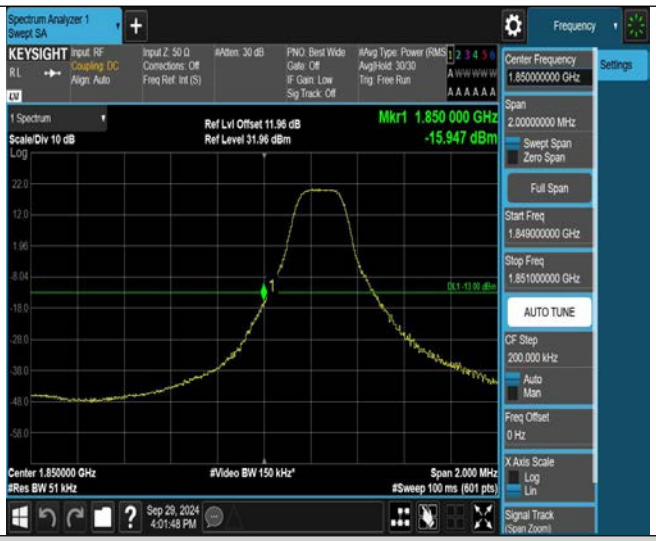
Band25-3MHz-QPSK-26675-1RB#0

Band25-3MHz-QPSK-26675-1RB#14



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

Band25-3MHz-16QAM-26055-1RB#0

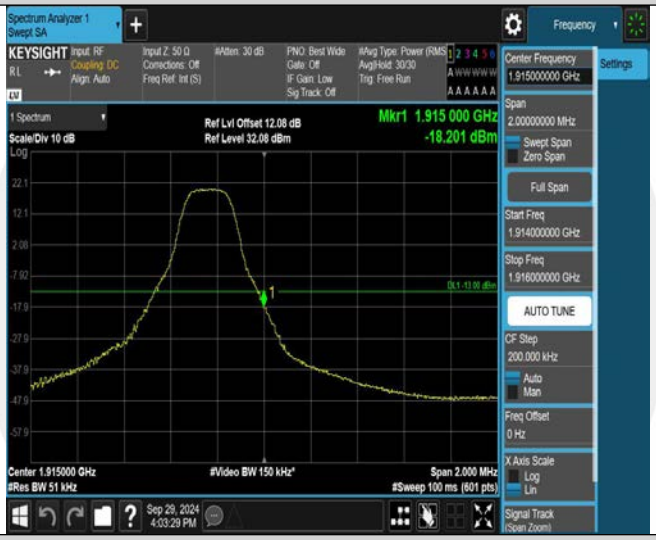


Band25-3MHz-16QAM-26055-1RB#14

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

Band25-3MHz-16QAM-26675-1RB#0

Band25-3MHz-16QAM-26675-1RB#14



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

Band25-5MHz-QPSK-26065-1RB#0

Band25-5MHz-QPSK-26065-1RB#24

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

Band25-5MHz-QPSK-26665-1RB#0

Band25-5MHz-QPSK-26665-1RB#24

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

Band25-5MHz-16QAM-26065-1RB#0

Band25-5MHz-16QAM-26065-1RB#24

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

Band25-5MHz-16QAM-26665-1RB#0

Band25-5MHz-16QAM-26665-1RB#24

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

Band25-10MHz-QPSK-26090-1RB#0

Band25-10MHz-QPSK-26090-1RB#49

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

Band25-10MHz-QPSK-26640-1RB#0