Appendix-A LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.30	27.8	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.31	26.81	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.21	27.71	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.31	27.81	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.29	27.79	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.27	26.77	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.28	27.78	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.26	27.76	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.25	27.75	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.22	26.72	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.22	27.72	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.22	27.72	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.63	27.13	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.40	25.9	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.52	27.02	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.56	27.06	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.53	27.03	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.41	25.91	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.75	27.25	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.62	27.12	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.53	27.03	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.30	25.8	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.65	27.15	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.60	27.1	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.46	25.96	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.32	24.82	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.44	25.94	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.47	25.97	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.29	25.79	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.26	24.76	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.46	25.96	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.33	25.83	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.46	25.96	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.19	24.69	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.30	25.8	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.33	25.83	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	19.40	22.9	30.00	PASS

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Band4	1.4MHz	256QAM	19957	6RB#0	18.89	22.39	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	19.54	23.04	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	19.56	23.06	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	19.53	23.03	30.00	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	19.51	23.01	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	19.39	22.89	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	19.54	23.04	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	19.69	23.19	30.00	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	19.00	22.5	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	19.57	23.07	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	19.66	23.16	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.56	28.06	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.45	26.95	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.54	28.04	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.33	27.83	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.34	27.84	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.32	26.82	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.30	27.8	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.42	27.92	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.28	27.78	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.29	26.79	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.42	27.92	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.28	27.78	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.81	27.31	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.50	26	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.99	27.49	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.62	27.12	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.59	27.09	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.31	25.81	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.60	27.1	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.52	27.02	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.47	26.97	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.33	25.83	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.64	27.14	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.70	27.2	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.42	25.92	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.28	24.78	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.51	26.01	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.49	25.99	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.40	25.9	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.14	24.64	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.36	25.86	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.32	25.82	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.28	25.78	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.20	24.7	30.00	PASS

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Band4	3MHz	64QAM	20385	1RB#8	22.39	25.89	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.33	25.83	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#0	19.58	23.08	30.00	PASS
Band4	3MHz	256QAM	19965	15RB#0	19.49	22.99	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#8	19.55	23.05	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#14	19.57	23.07	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#0	19.41	22.91	30.00	PASS
Band4	3MHz	256QAM	20175	15RB#0	19.32	22.82	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#8	19.60	23.1	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#14	19.55	23.05	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#0	19.40	22.9	30.00	PASS
Band4	3MHz	256QAM	20385	15RB#0	19.39	22.89	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#8	19.29	22.79	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#14	19.34	22.84	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.61	28.11	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.52	27.02	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.54	28.04	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.43	27.93	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.45	27.95	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.31	26.81	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.51	28.01	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.32	27.82	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.30	27.8	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.29	26.79	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.33	27.83	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.35	27.85	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.90	27.4	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.55	26.05	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.92	27.42	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.85	27.35	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.99	27.49	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.36	25.86	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.85	27.35	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.61	27.11	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.48	26.98	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.24	25.74	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.76	27.26	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.67	27.17	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.62	26.12	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.40	24.9	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.59	26.09	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.57	26.07	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.36	25.86	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.16	24.66	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.45	25.95	30.00	PASS

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Band4	5MHz	64QAM	20175	1RB#24	22.24	25.74	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.21	25.71	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.08	24.58	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.39	25.89	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.21	25.71	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#0	19.85	23.35	30.00	PASS
Band4	5MHz	256QAM	19975	25RB#0	19.34	22.84	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#12	19.85	23.35	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#24	19.92	23.42	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#0	19.47	22.97	30.00	PASS
Band4	5MHz	256QAM	20175	25RB#0	19.44	22.94	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#12	19.34	22.84	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#24	19.34	22.84	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#0	19.87	23.37	30.00	PASS
Band4	5MHz	256QAM	20375	25RB#0	19.31	22.81	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#12	19.55	23.05	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#24	19.34	22.84	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.60	28.1	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.57	27.07	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.55	28.05	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.38	27.88	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.45	27.95	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.33	26.83	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.33	27.83	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.34	27.84	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.33	27.83	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.39	26.89	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.25	27.75	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.25	27.75	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.87	27.37	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.60	26.1	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.76	27.26	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.53	27.03	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.71	27.21	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.34	25.84	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.66	27.16	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.38	26.88	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.64	27.14	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.41	25.91	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.71	27.21	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.45	26.95	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.65	26.15	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.35	24.85	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.68	26.18	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.58	26.08	30.00	PASS

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Band4	10MHz	64QAM	20175	1RB#0	22.49	25.99	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.18	24.68	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.37	25.87	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.21	25.71	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.46	25.96	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.21	24.71	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.53	26.03	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.20	25.7	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#0	19.74	23.24	30.00	PASS
Band4	10MHz	256QAM	20000	50RB#0	19.09	22.59	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#24	19.66	23.16	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#49	19.74	23.24	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#0	19.55	23.05	30.00	PASS
Band4	10MHz	256QAM	20175	50RB#0	19.40	22.9	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#24	19.64	23.14	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#49	19.62	23.12	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#0	19.62	23.12	30.00	PASS
Band4	10MHz	256QAM	20350	50RB#0	19.34	22.84	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#24	19.58	23.08	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#49	19.70	23.2	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.49	27.99	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.55	27.05	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.42	27.92	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.87	28.37	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.58	28.08	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.31	26.81	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.36	27.86	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.21	27.71	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.25	27.75	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.30	26.8	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.24	27.74	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.03	27.53	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.71	27.21	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.47	25.97	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.67	27.17	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.61	27.11	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.65	27.15	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.31	25.81	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.56	27.06	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.53	27.03	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.50	27	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.25	25.75	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.38	26.88	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.47	26.97	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.58	26.08	30.00	PASS

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Band4	15MHz	64QAM	20025	75RB#0	21.32	24.82	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.56	26.06	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.50	26	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.58	26.08	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.12	24.62	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.38	25.88	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.24	25.74	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.33	25.83	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.13	24.63	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.34	25.84	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.21	25.71	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#0	19.60	23.1	30.00	PASS
Band4	15MHz	256QAM	20025	75RB#0	19.58	23.08	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#38	19.68	23.18	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#74	19.40	22.9	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#0	19.65	23.15	30.00	PASS
Band4	15MHz	256QAM	20175	75RB#0	19.25	22.75	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#38	19.70	23.2	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#74	19.29	22.79	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#0	19.39	22.89	30.00	PASS
Band4	15MHz	256QAM	20325	75RB#0	19.22	22.72	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#38	19.22	22.72	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#74	19.21	22.71	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.82	28.32	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.50	27	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.51	28.01	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.71	28.21	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.45	27.95	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.34	26.84	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.26	27.76	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.22	27.72	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.36	27.86	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.21	26.71	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.14	27.64	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.31	27.81	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.72	27.22	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.50	26	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.85	27.35	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.66	27.16	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.76	27.26	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.35	25.85	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.74	27.24	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.40	26.9	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.60	27.1	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.16	25.66	30.00	PASS

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Band4	20MHz	16QAM	20300	1RB#49	23.45	26.95	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.32	26.82	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.63	26.13	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.37	24.87	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.61	26.11	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.37	25.87	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.51	26.01	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.12	24.62	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.37	25.87	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.16	25.66	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.21	25.71	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.97	24.47	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.29	25.79	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.18	25.68	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#0	19.52	23.02	30.00	PASS
Band4	20MHz	256QAM	20050	100RB#0	19.22	22.72	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#49	19.65	23.15	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#99	19.55	23.05	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#0	19.65	23.15	30.00	PASS
Band4	20MHz	256QAM	20175	100RB#0	19.33	22.83	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#49	19.48	22.98	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#99	19.34	22.84	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#0	19.33	22.83	30.00	PASS
Band4	20MHz	256QAM	20300	100RB#0	19.16	22.66	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#49	19.30	22.8	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#99	19.24	22.74	30.00	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.68	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.77	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.81	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.70	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.89	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.40	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.50	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.57	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	11.33	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	12.66	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	6.86	13	PASS

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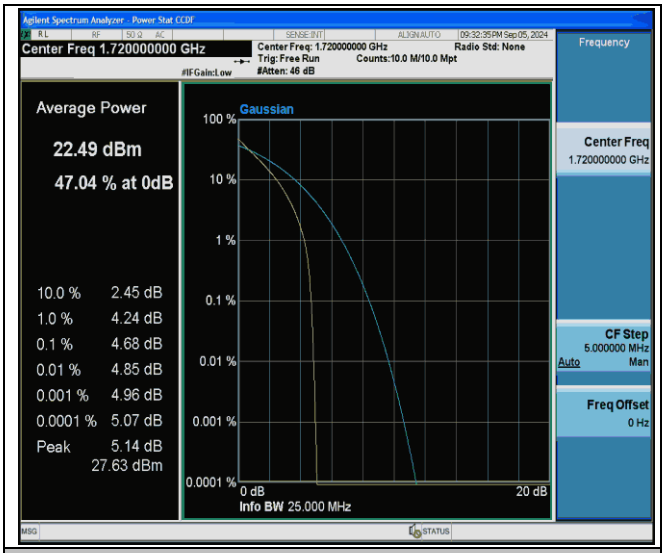
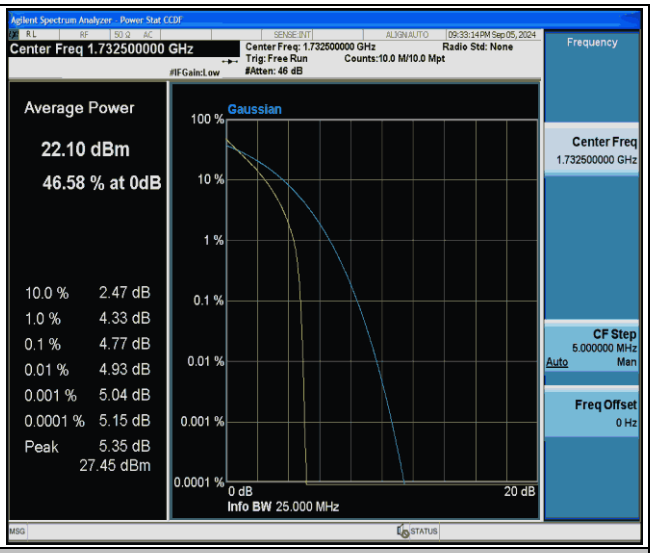
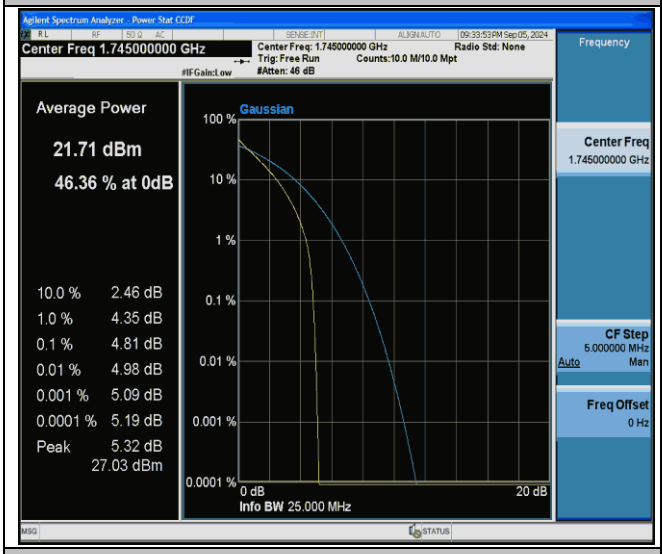
Test Graphs



Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



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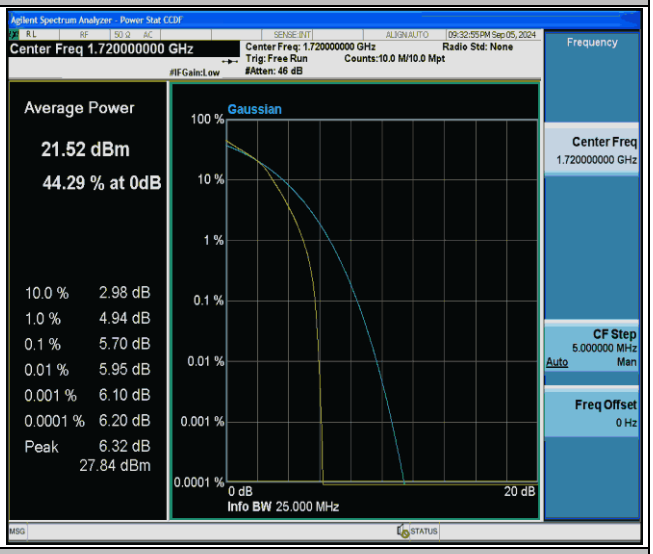

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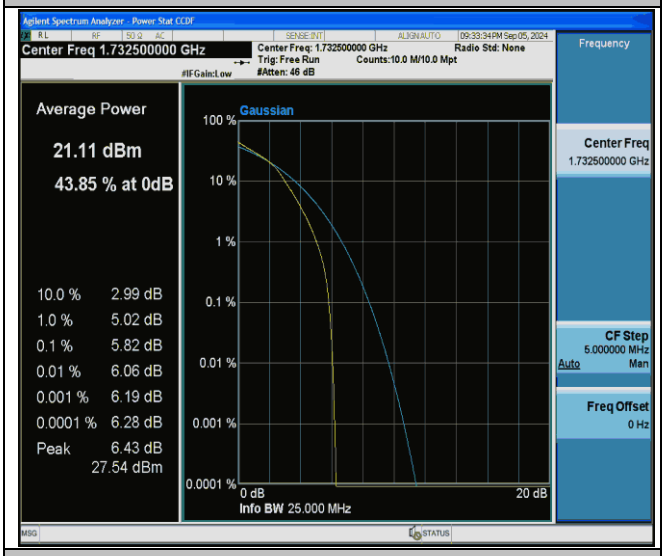

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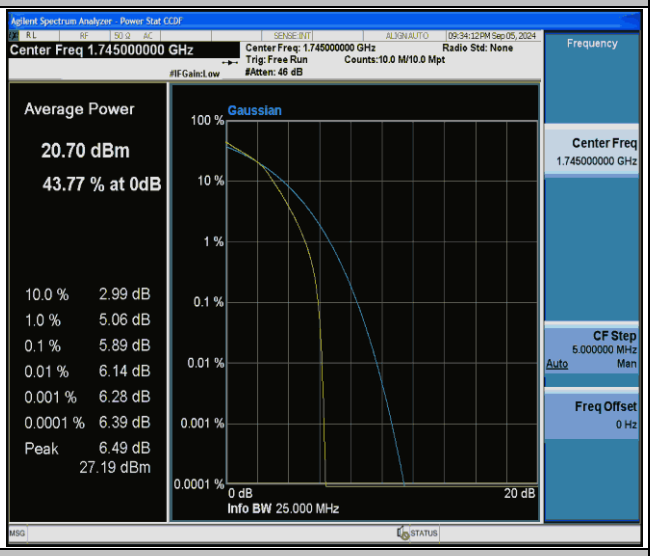

Band4-20MHz-16QAM-20300-100RB#0-PASS

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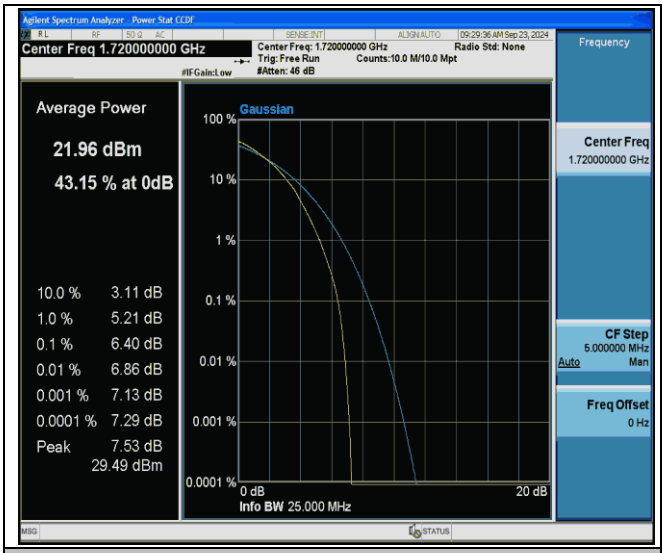
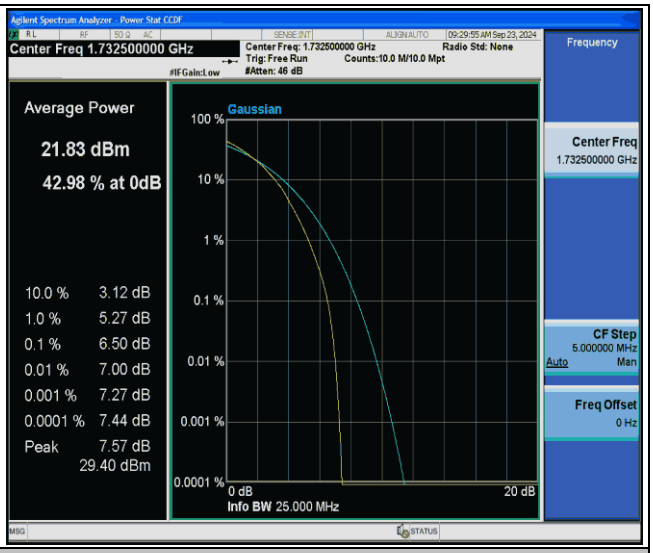


Band4-20MHz-64QAM-20050-100RB#0-PASS



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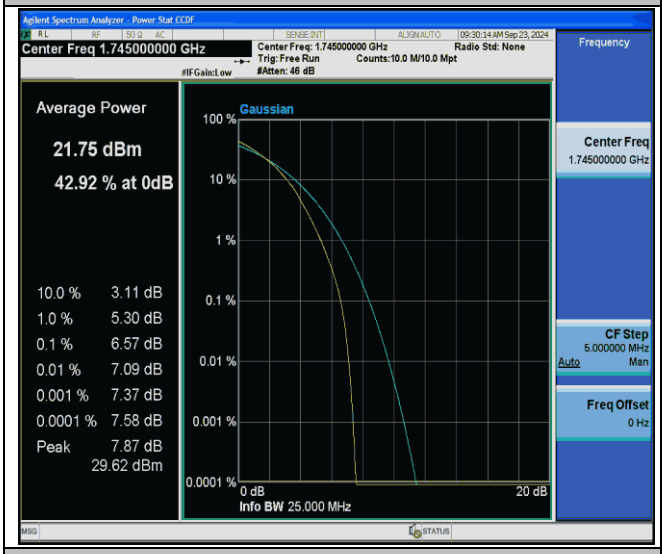

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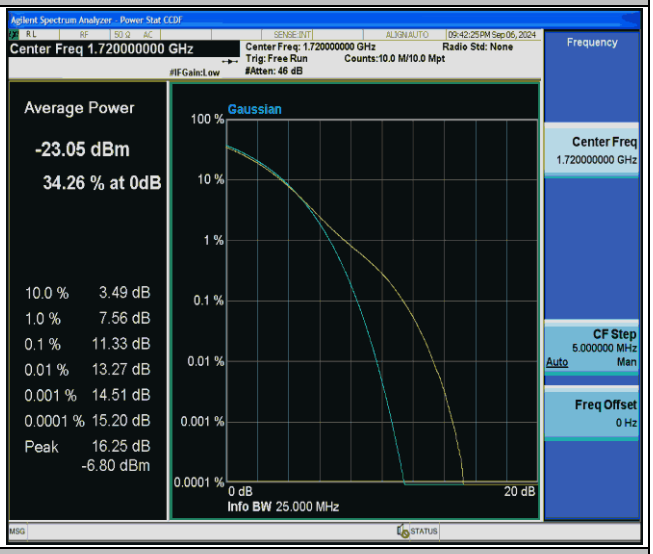
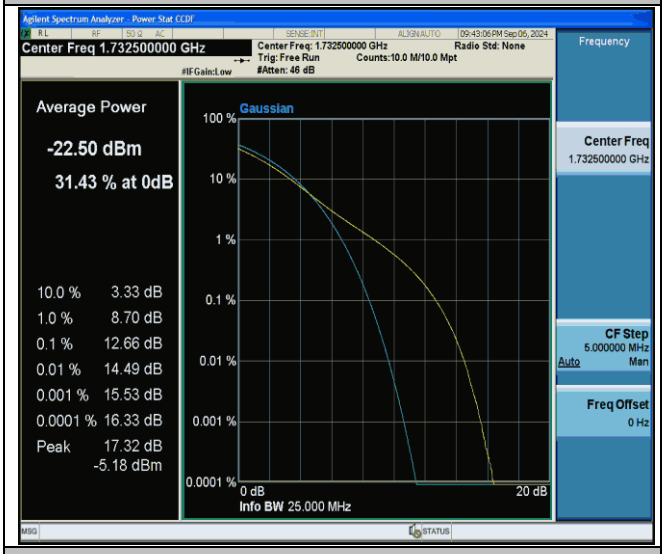
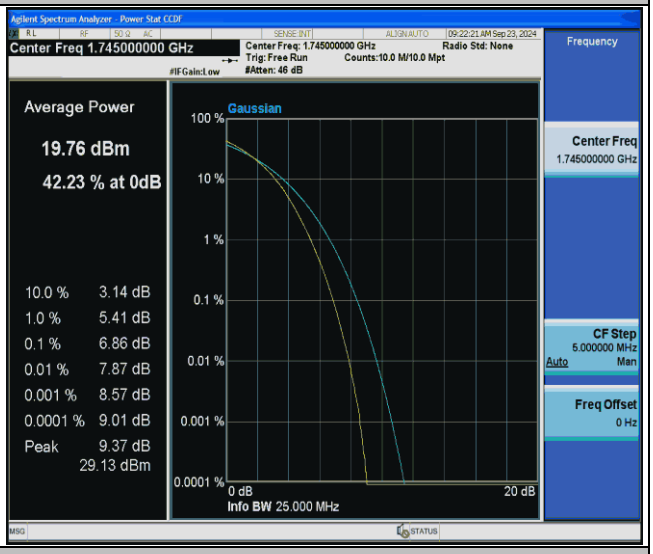


Band4-20MHz-256QAM-20050-100RB#0-PASS



Band4-20MHz-256QAM-20175-100RB#0-PASS



Band4-20MHz-256QAM-20300-100RB#0-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0961	1.349	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0996	1.352	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1013	1.369	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1010	1.360	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1037	1.366	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1025	1.383	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1022	1.358	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.1031	1.359	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.1013	1.349	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1.0947	1.335	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1.1011	1.324	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1.0993	1.329	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6962	3.055	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6956	3.056	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7042	3.042	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6961	3.042	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6992	3.043	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6992	3.040	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6929	3.032	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6956	3.056	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.7050	3.045	PASS
Band4	3MHz	256QAM	19965	15RB#0	2.6981	3.049	PASS
Band4	3MHz	256QAM	20175	15RB#0	2.7007	3.080	PASS
Band4	3MHz	256QAM	20385	15RB#0	2.7018	3.046	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5083	5.117	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5089	5.093	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5121	5.150	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5014	5.169	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5108	5.198	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5055	5.134	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5110	5.187	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5043	5.145	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5166	5.164	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.4983	5.091	PASS
Band4	5MHz	256QAM	20175	25RB#0	4.5043	5.160	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.5067	5.115	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9845	10.12	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0070	10.02	PASS

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Band4	10MHz	QPSK	20350	50RB#0	8.9981	10.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9929	10.12	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9870	10.17	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0184	10.13	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9933	10.06	PASS
Band4	10MHz	64QAM	20175	50RB#0	9.0155	10.06	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9968	10.06	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.9814	10.01	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.9912	10.06	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.9962	9.919	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.472	14.83	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.477	14.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.489	14.95	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.492	14.95	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.481	14.96	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.491	14.94	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.495	14.94	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.484	14.96	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.502	15.03	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.496	14.96	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.488	14.96	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.481	14.89	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.952	19.64	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.970	19.81	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.994	19.88	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.003	19.74	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.004	19.86	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.974	19.85	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.963	19.80	PASS
Band4	20MHz	64QAM	20175	100RB#0	18.006	19.78	PASS
Band4	20MHz	64QAM	20300	100RB#0	18.028	19.76	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.981	19.84	PASS
Band4	20MHz	256QAM	20175	100RB#0	18.008	19.71	PASS
Band4	20MHz	256QAM	20300	100RB#0	18.022	19.81	PASS

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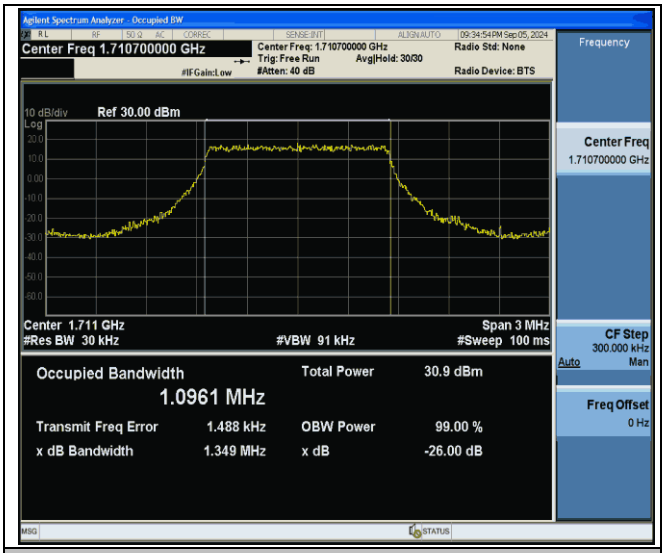
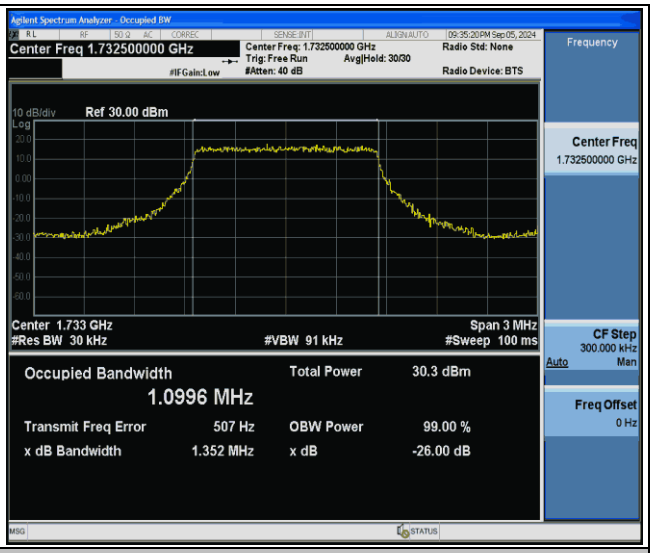
Test Graphs



Band4-1.4MHz-QPSK-19957-6RB#0-PASS



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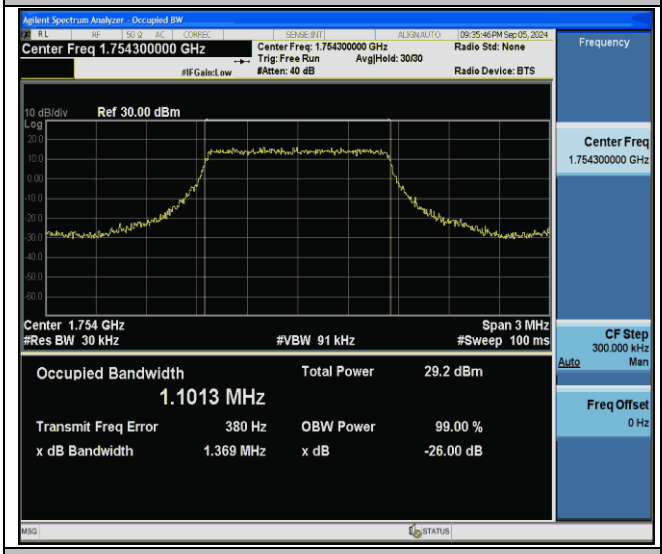
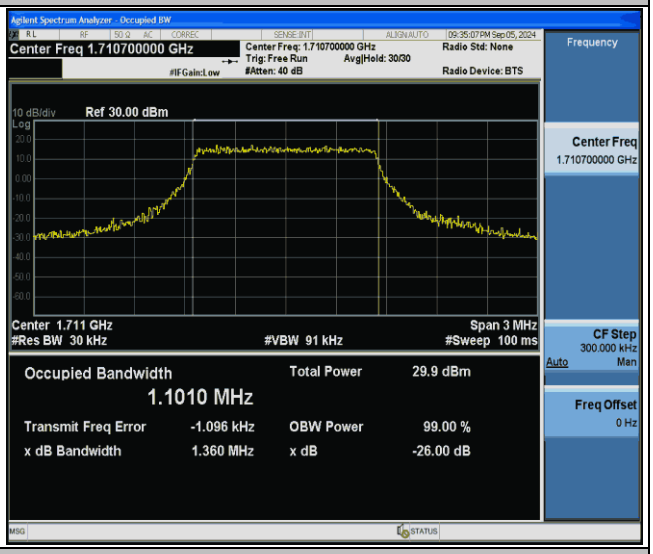
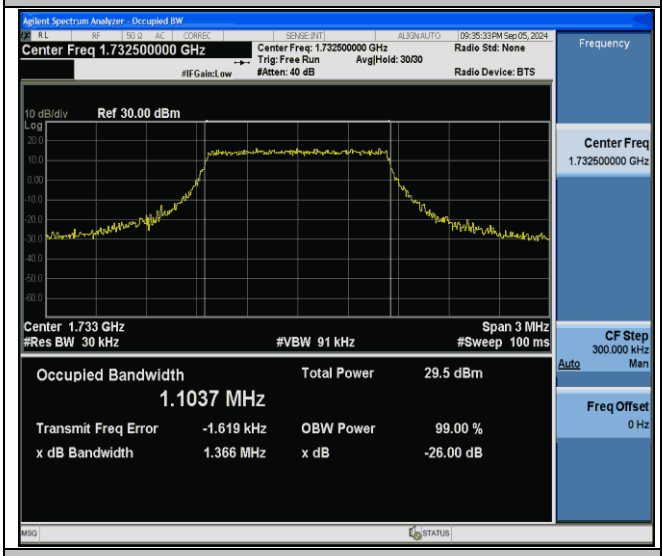


Band4-1.4MHz-QPSK-20393-6RB#0-PASS



Band4-1.4MHz-16QAM-19957-6RB#0-PASS



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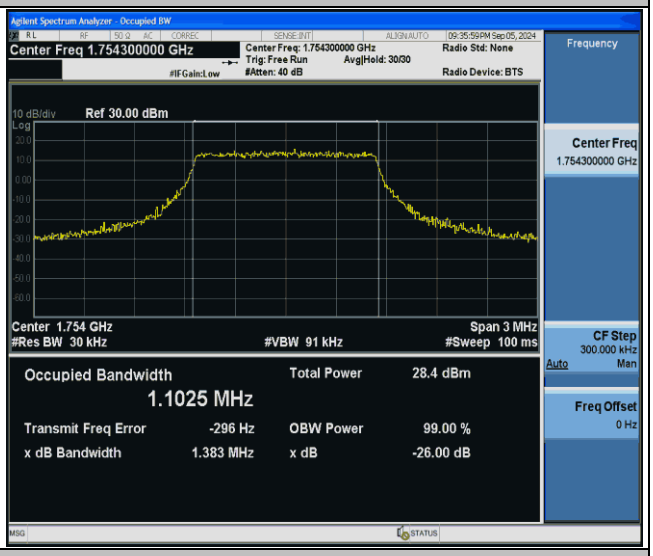

Band4-1.4MHz-16QAM-20393-6RB#0-PASS

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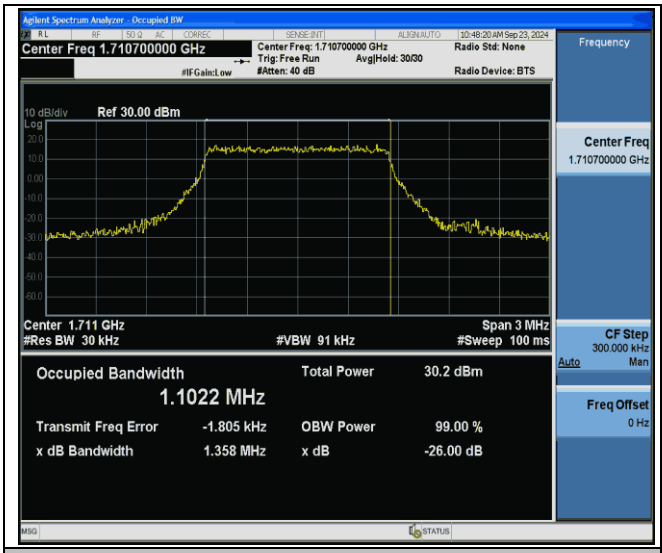
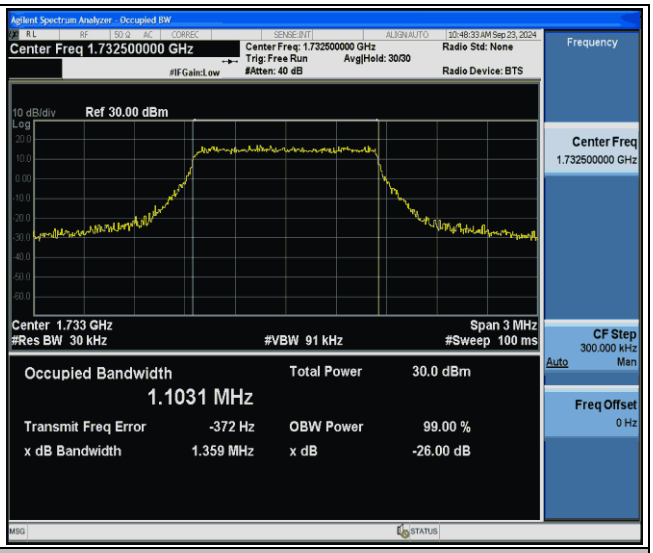
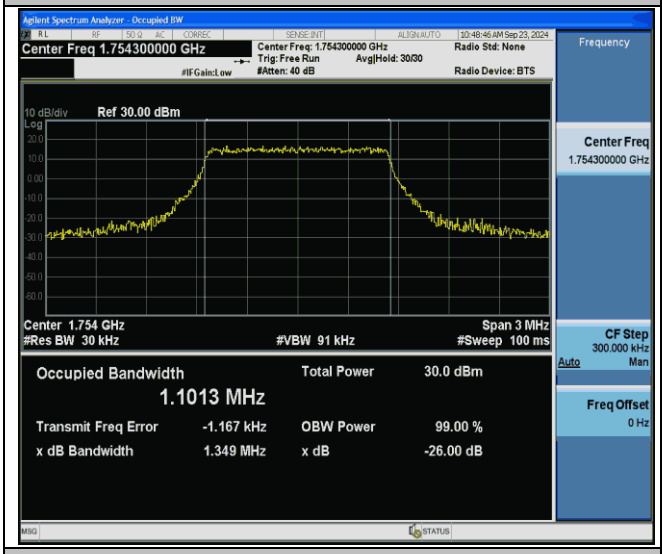


Band4-1.4MHz-64QAM-19957-6RB#0-PASS



Band4-1.4MHz-64QAM-20175-6RB#0-PASS



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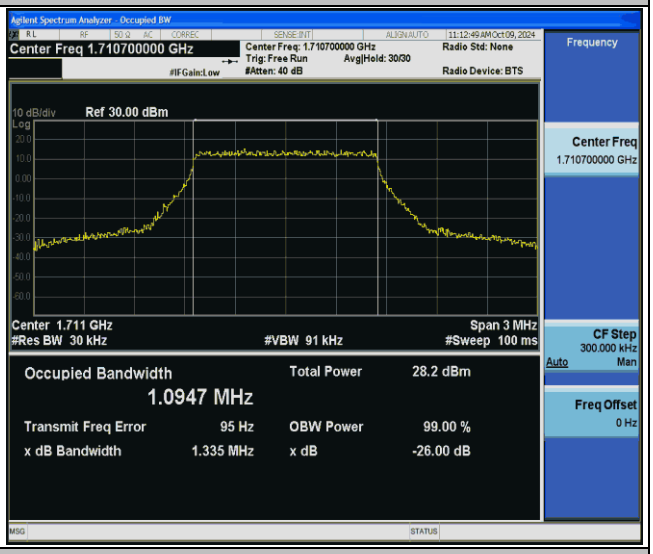

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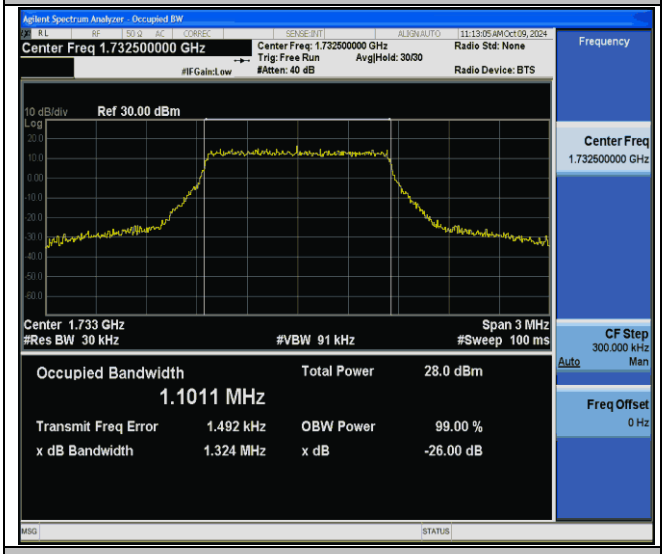

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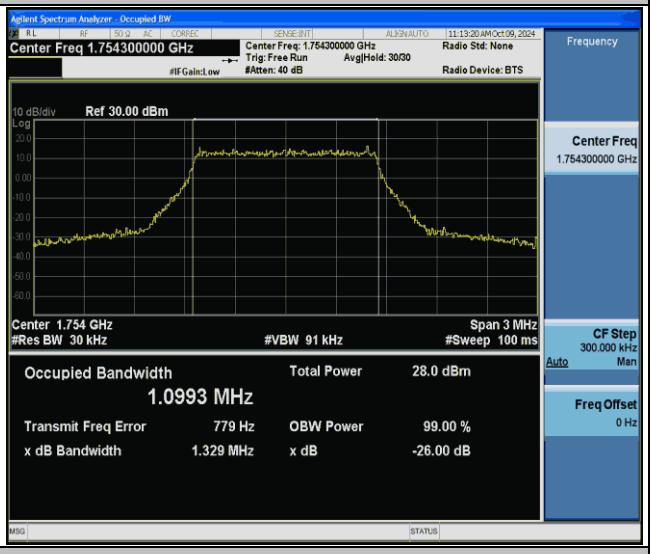

Band4-1.4MHz-256QAM-20393-6RB#0-PASS

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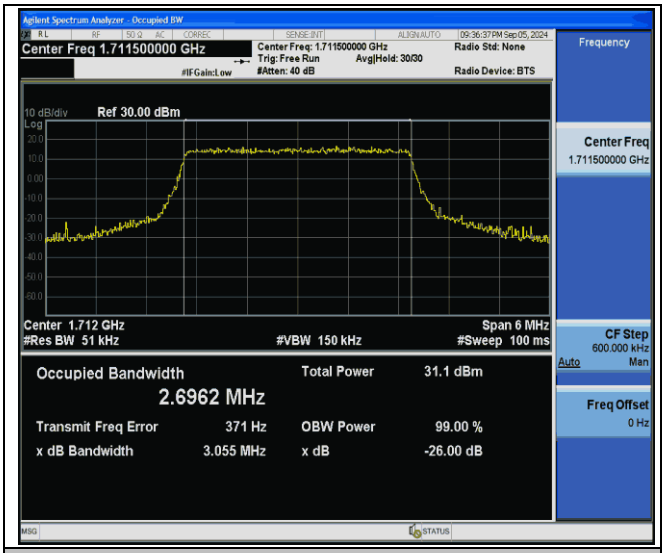

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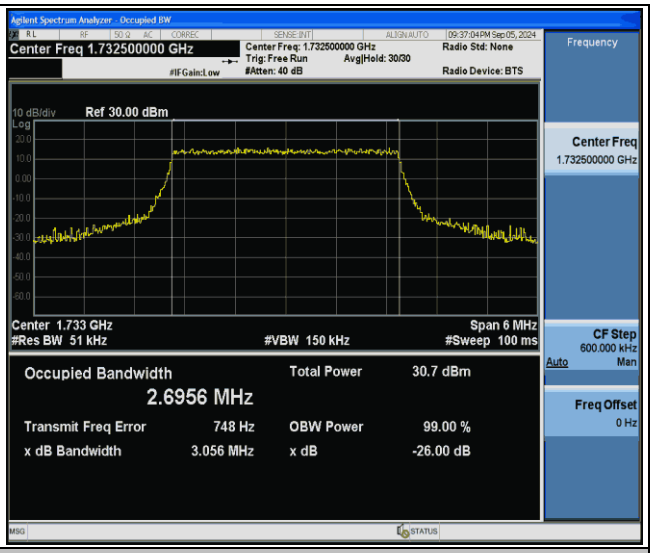

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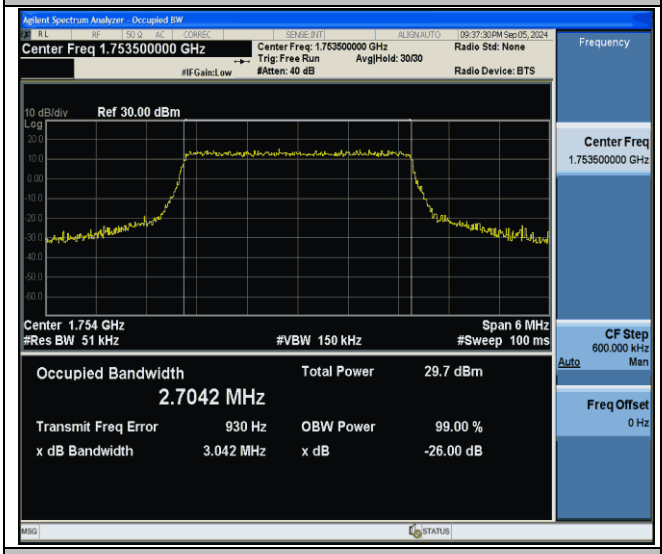

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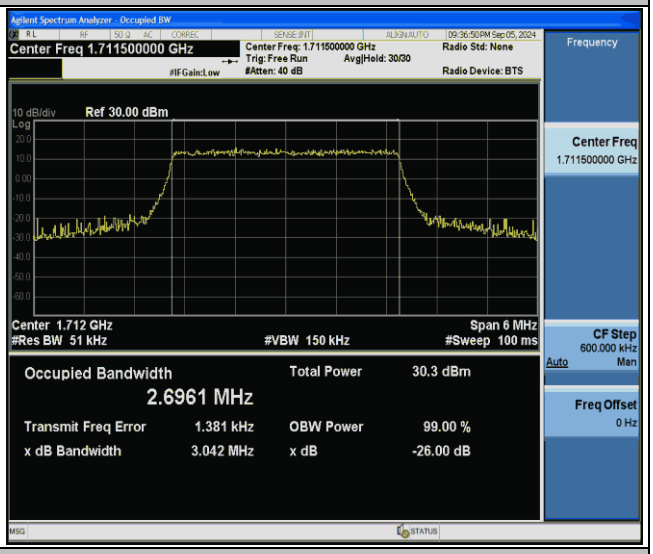

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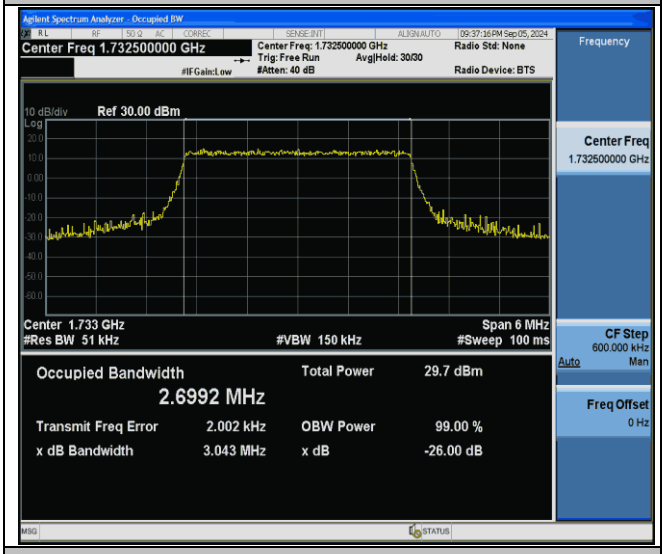

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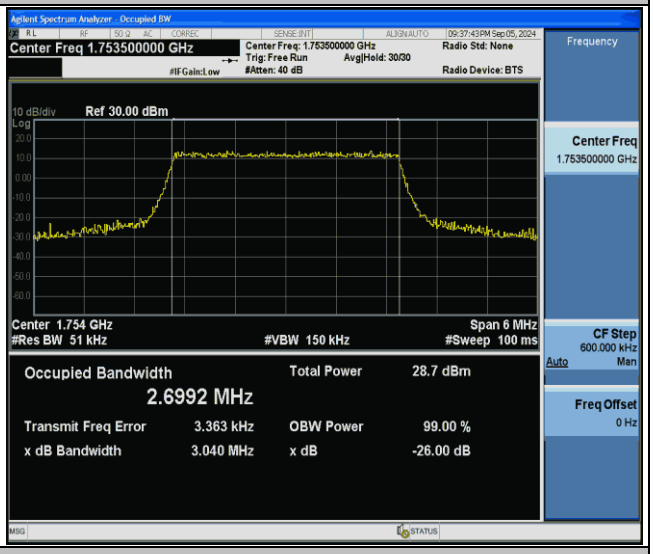

Band4-3MHz-16QAM-20385-15RB#0-PASS

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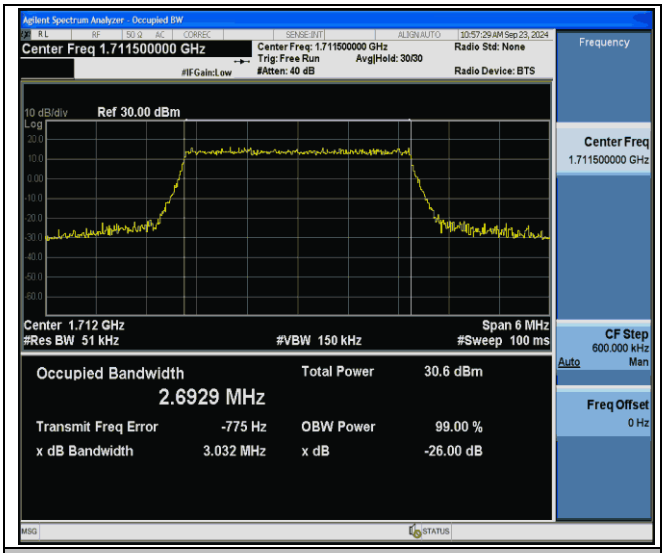

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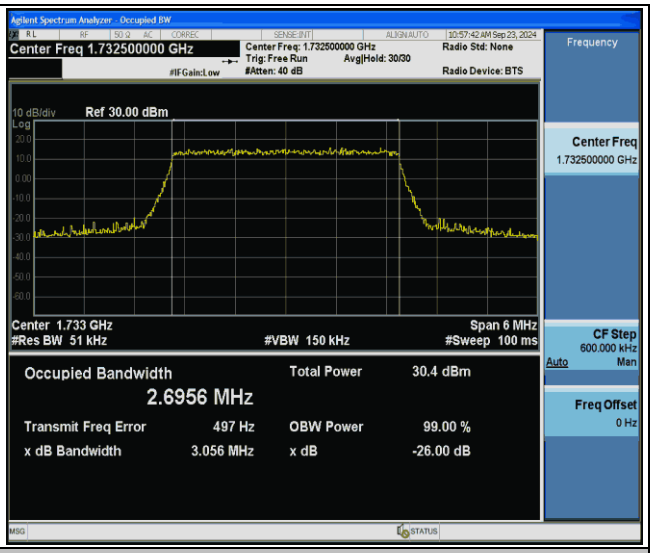

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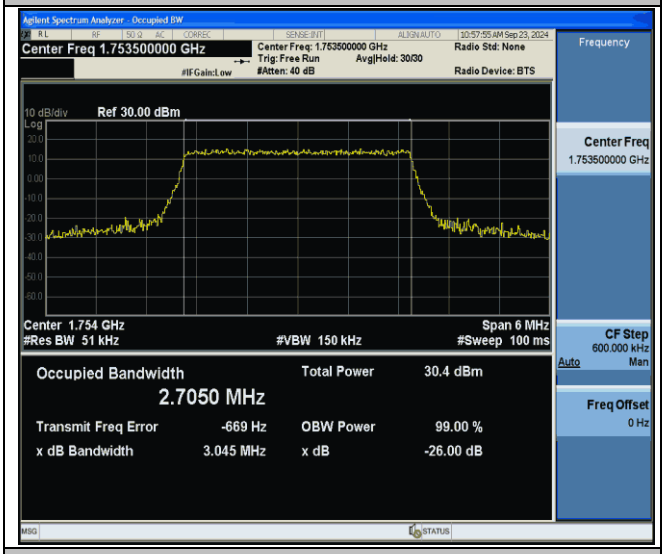

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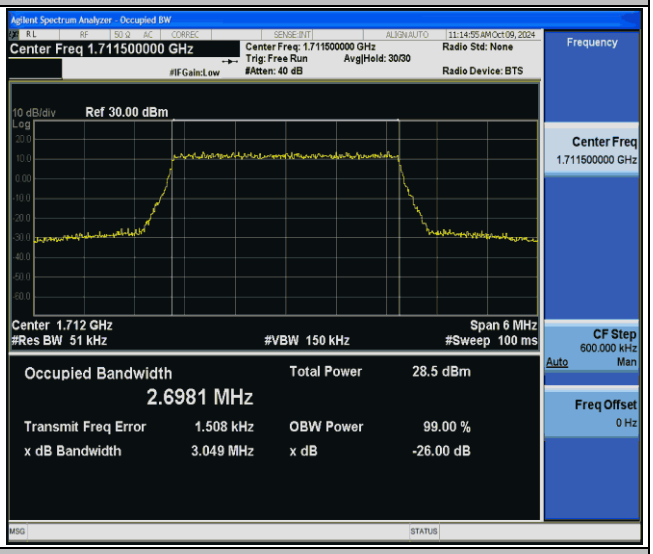

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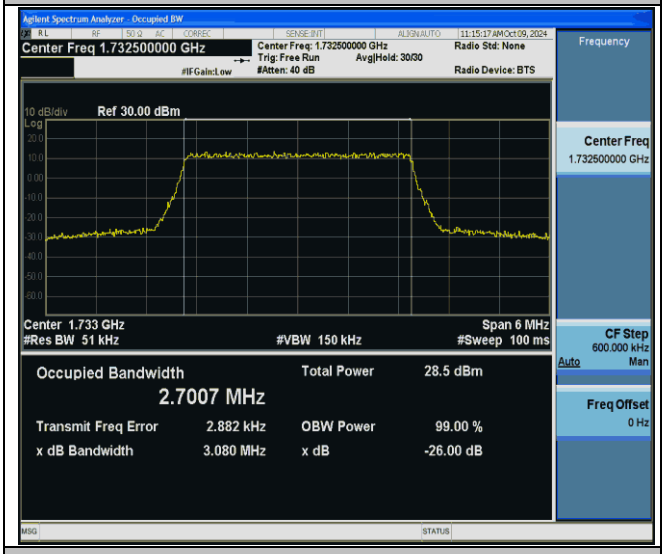

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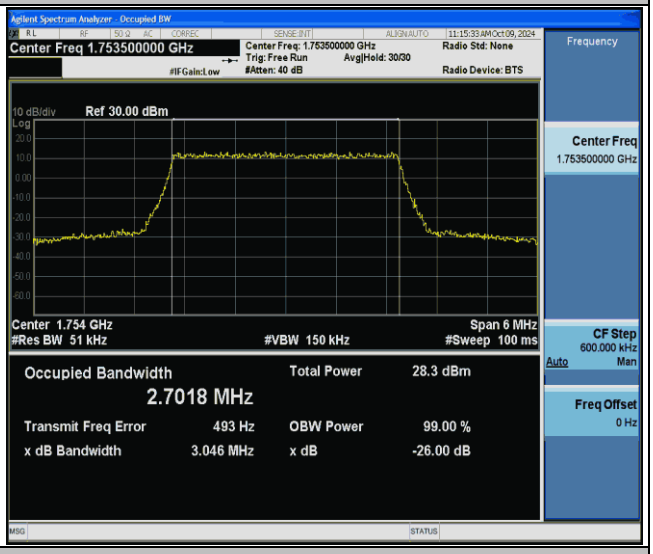

Band4-3MHz-256QAM-20385-15RB#0-PASS

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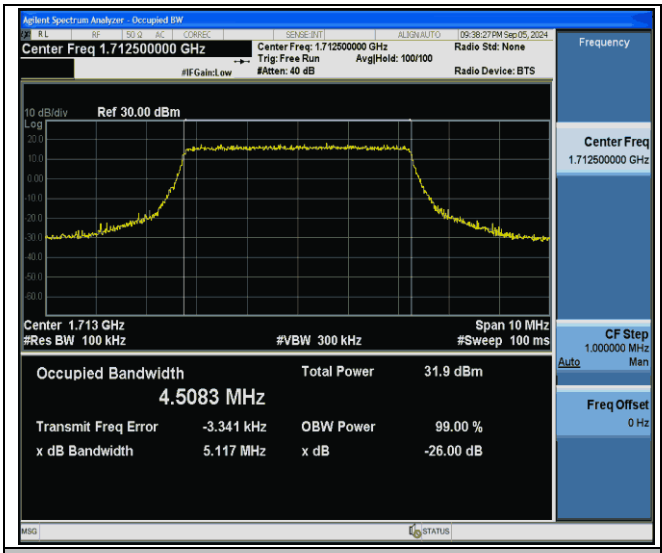

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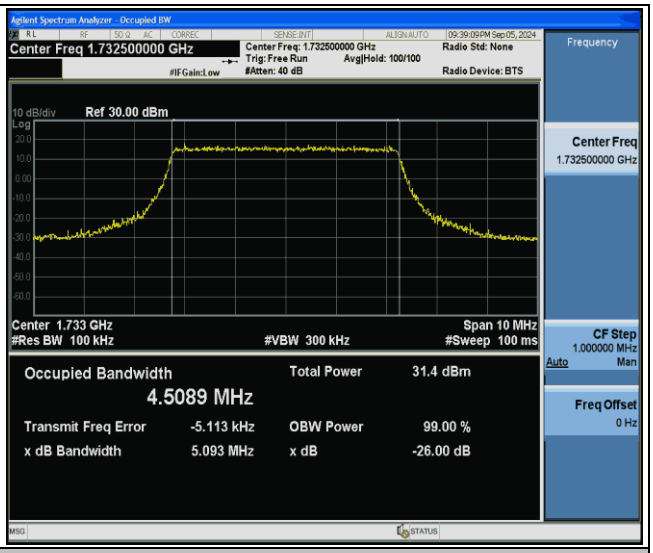

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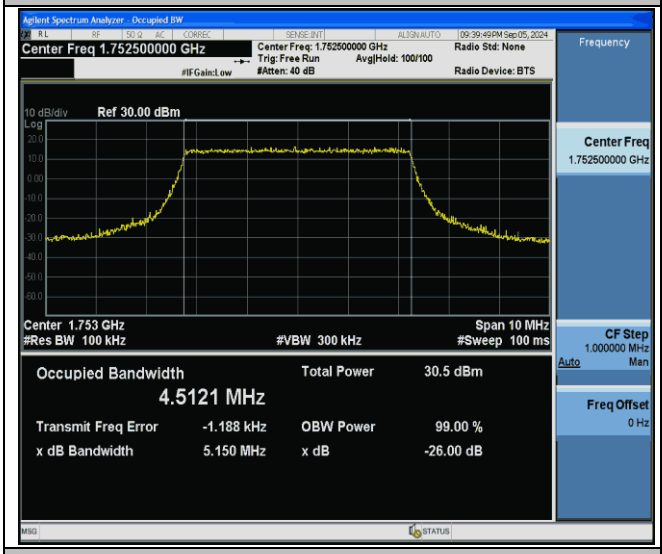

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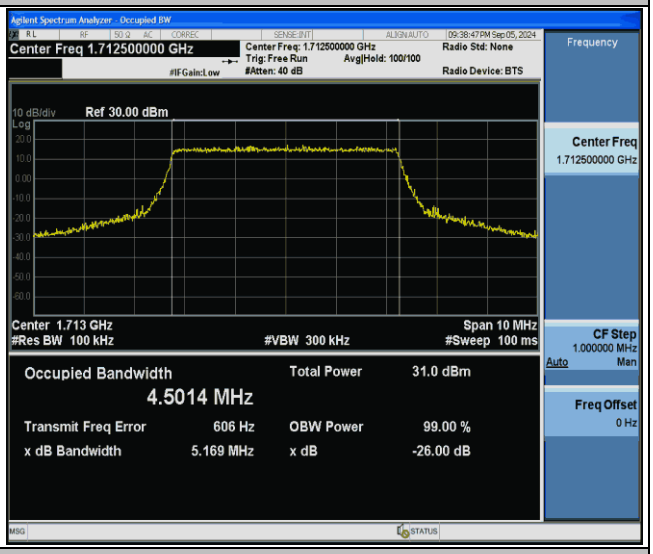

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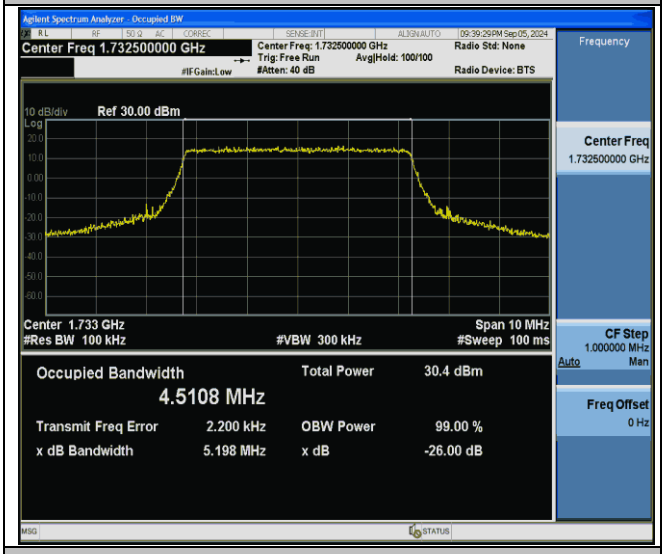

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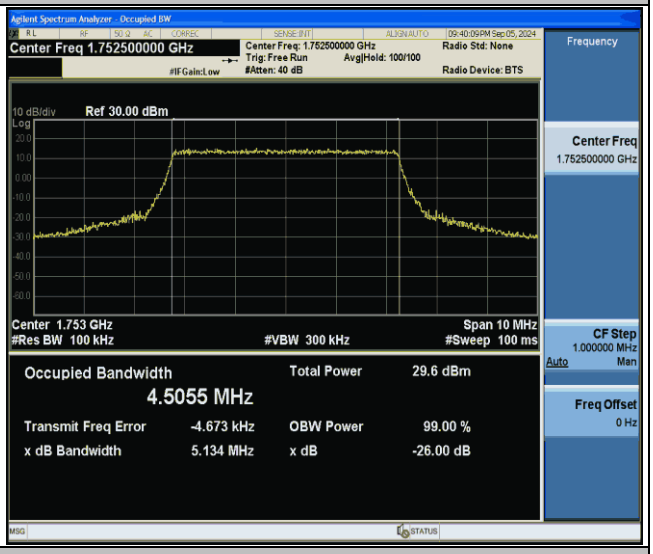

Band4-5MHz-16QAM-20375-25RB#0-PASS

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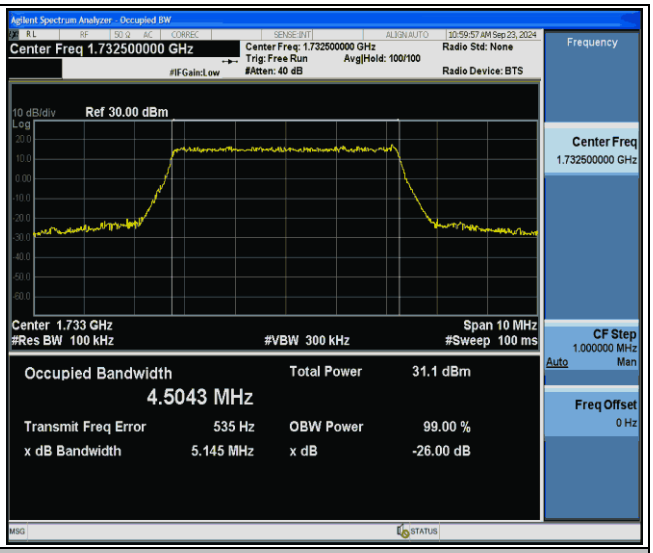
Band4-5MHz-64QAM-19975-25RB#0-PASS



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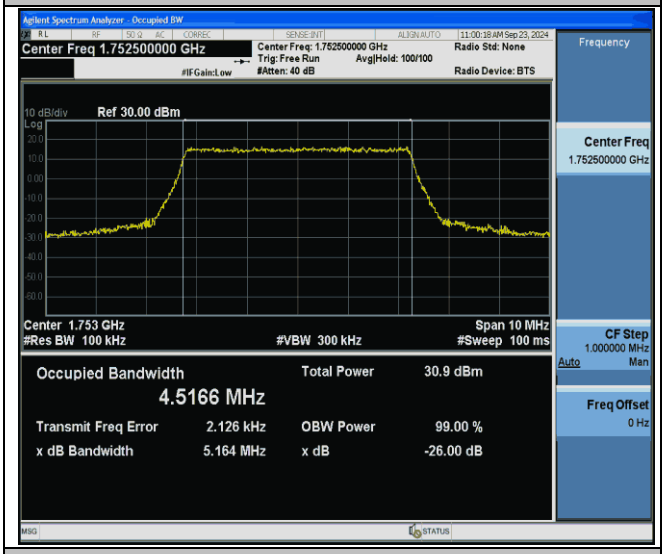

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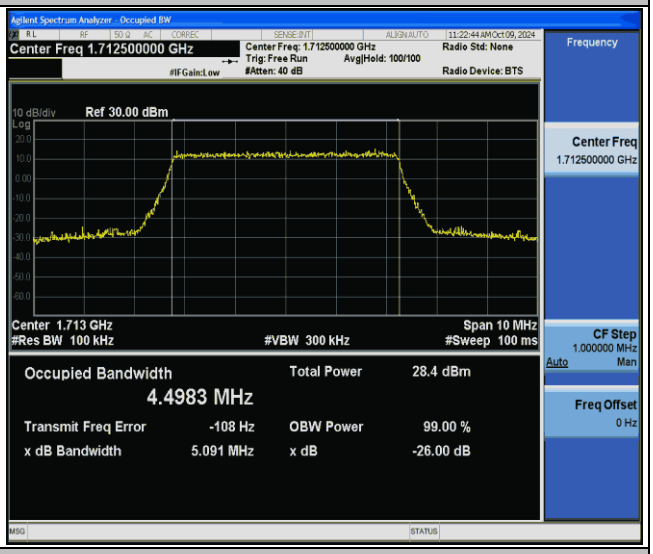

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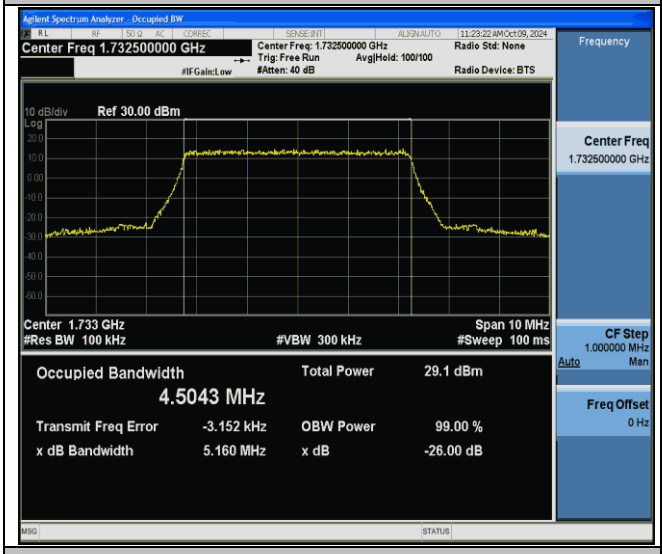

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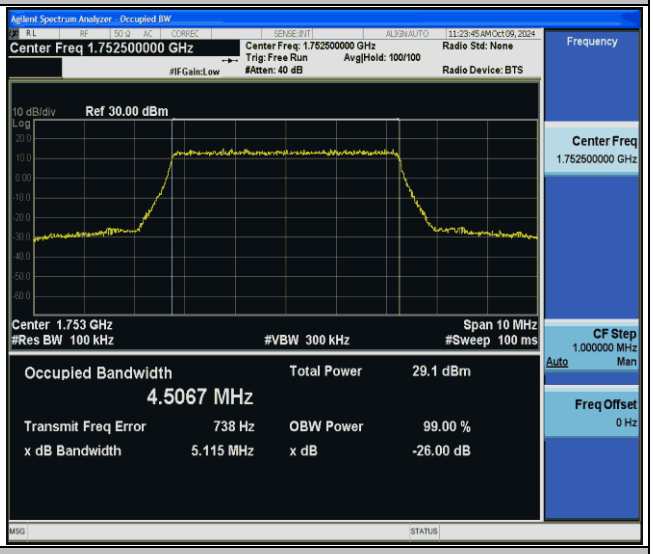

Band4-5MHz-256QAM-20375-25RB#0-PASS

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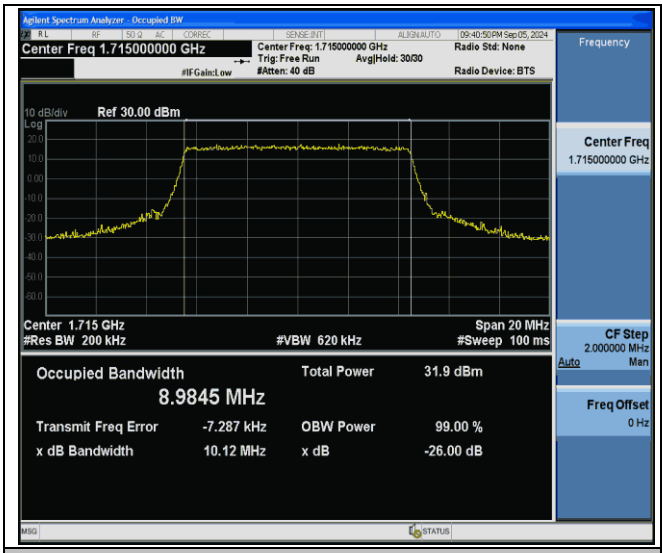

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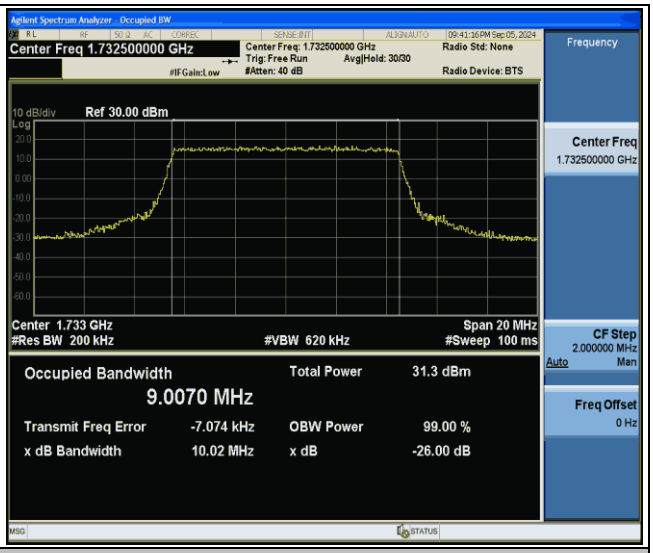

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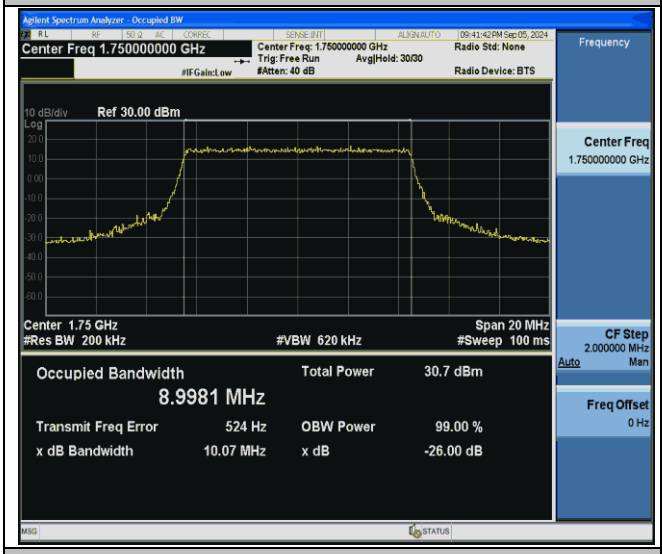

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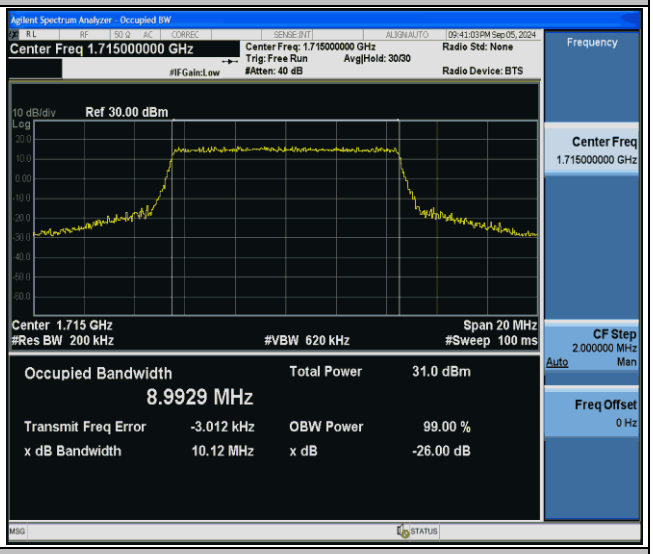

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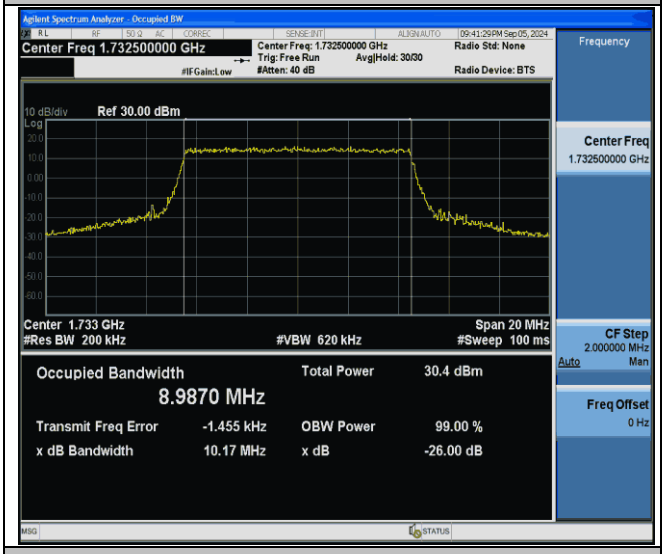

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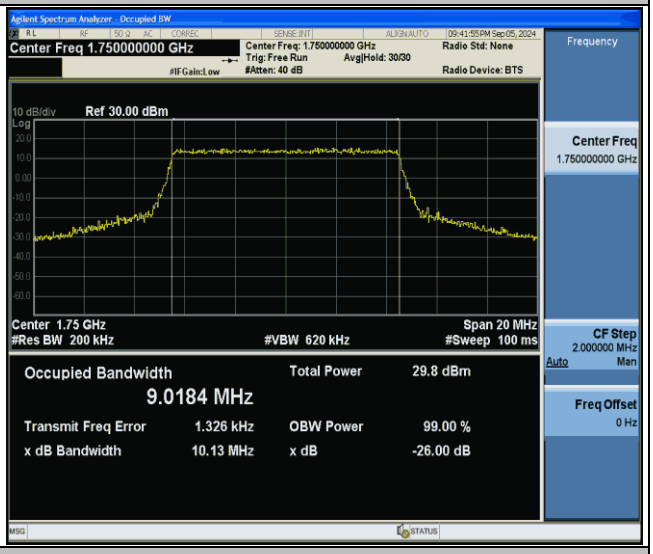

Band4-10MHz-16QAM-20350-50RB#0-PASS

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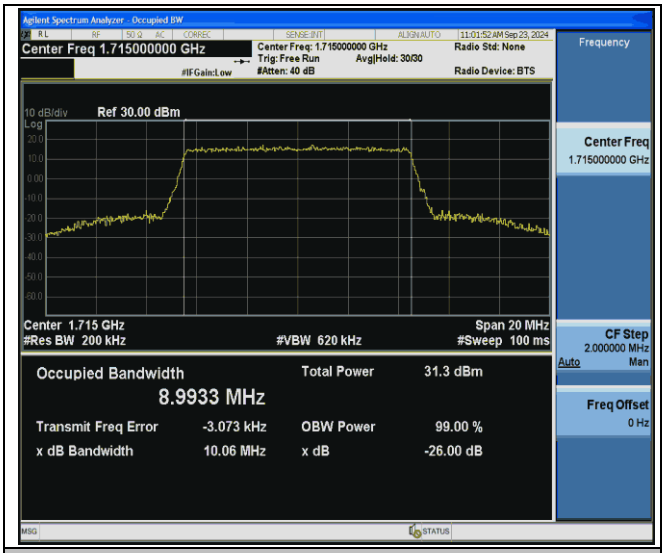

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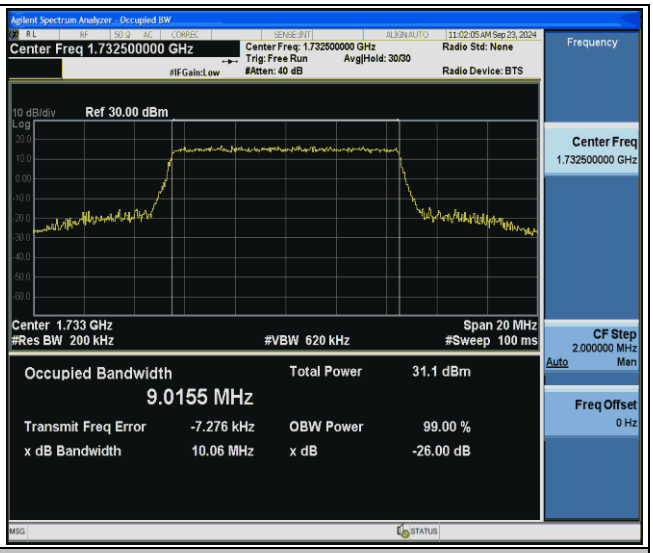

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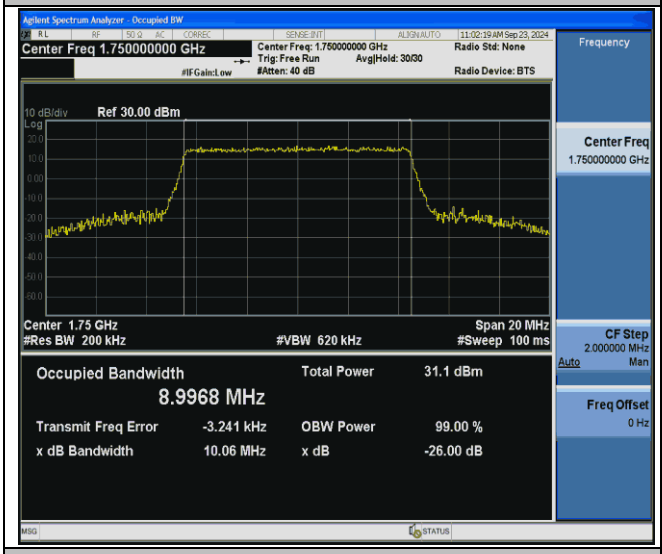

Band4-10MHz-64QAM-20350-50RB#0-PASS

Band4-10MHz-256QAM-20000-50RB#0-PASS

Band4-10MHz-256QAM-20175-50RB#0-PASS

Band4-10MHz-256QAM-20350-50RB#0-PASS

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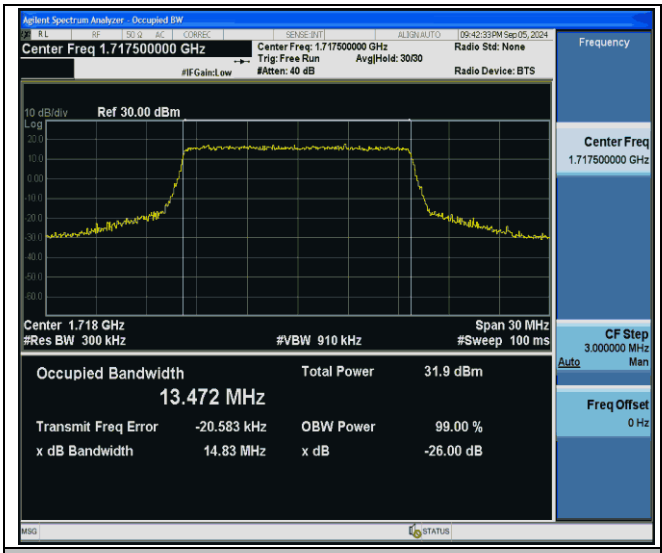

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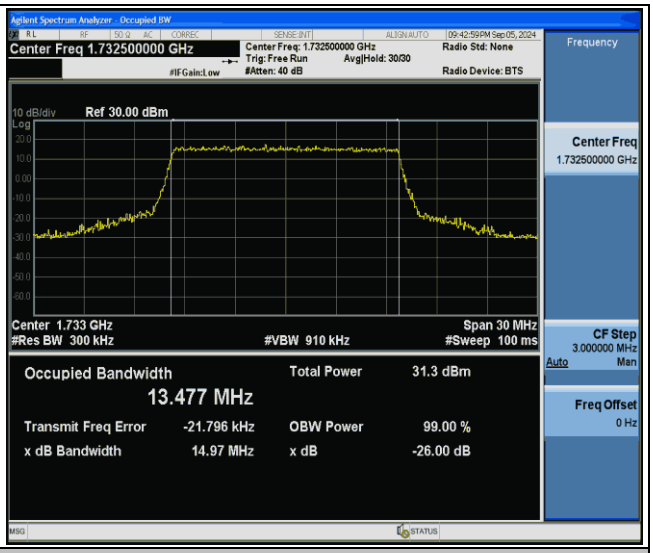

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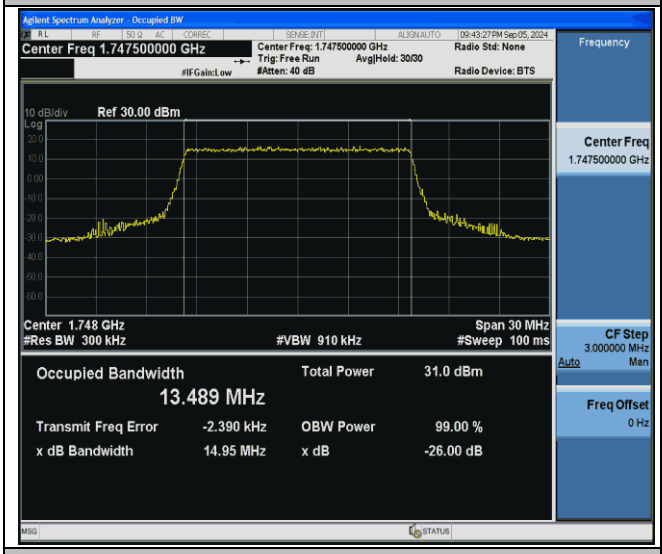

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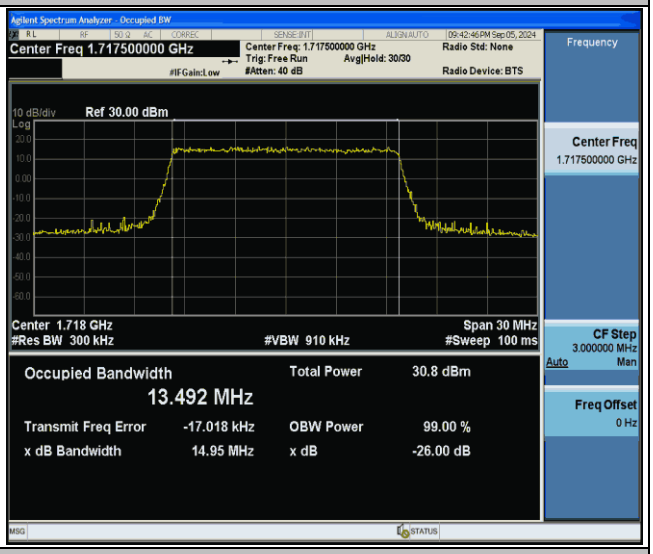

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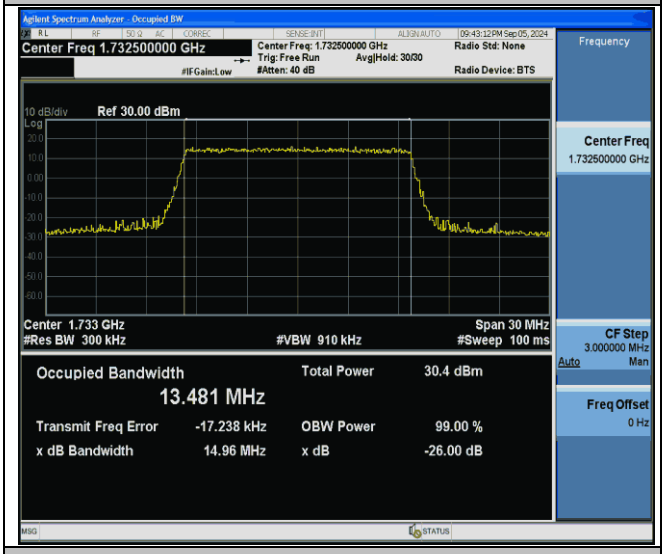

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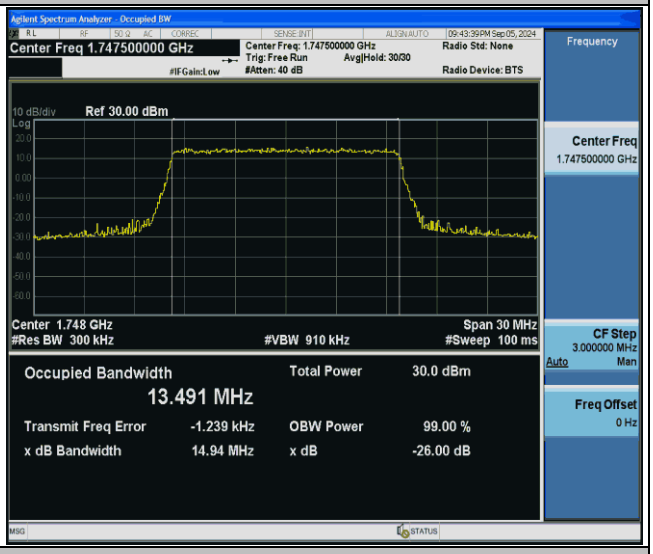

Band4-15MHz-16QAM-20325-75RB#0-PASS

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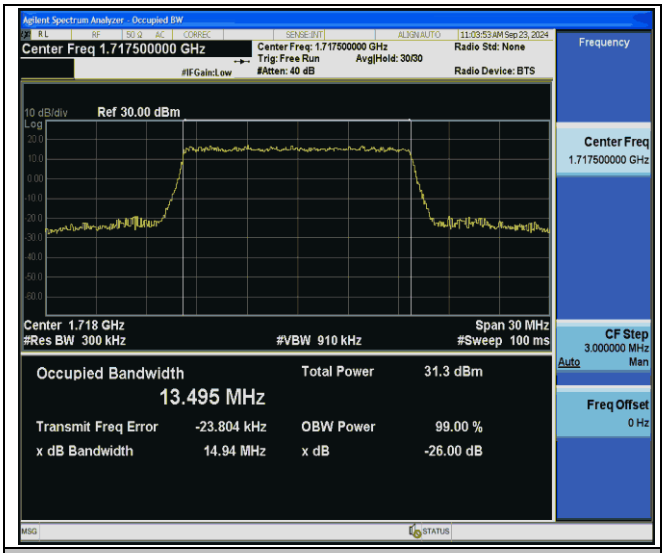

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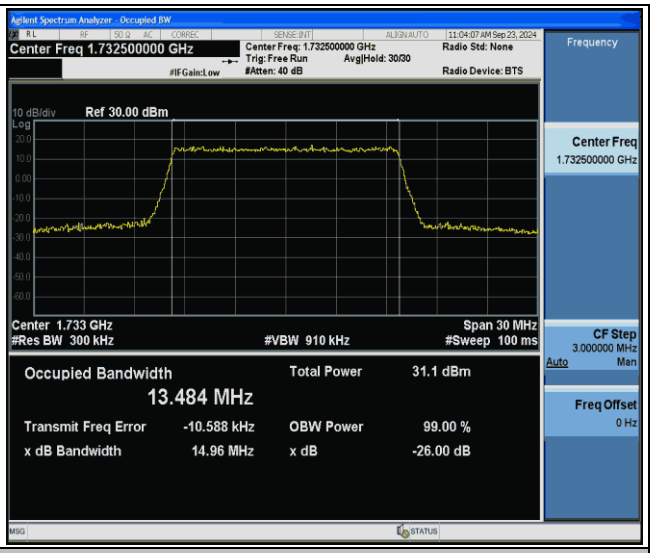

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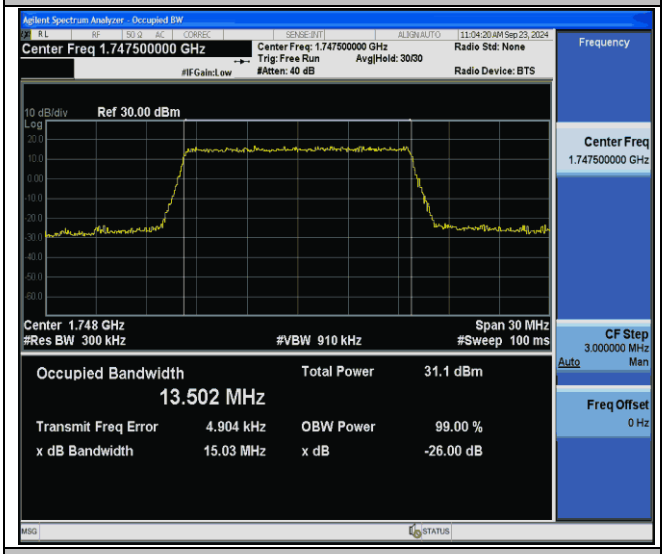

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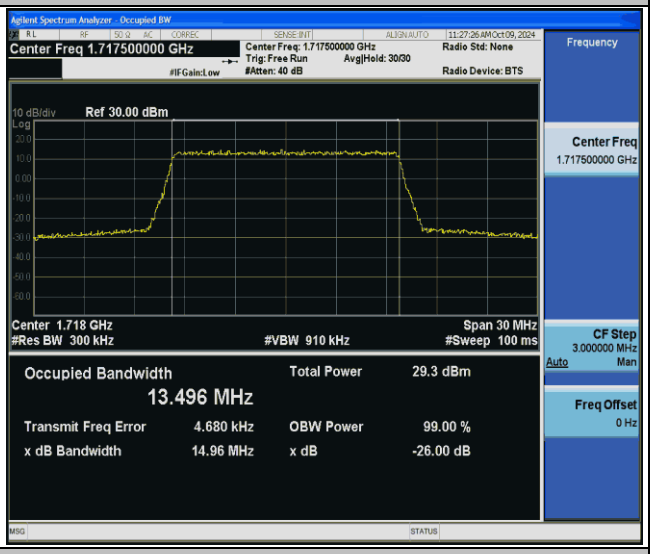
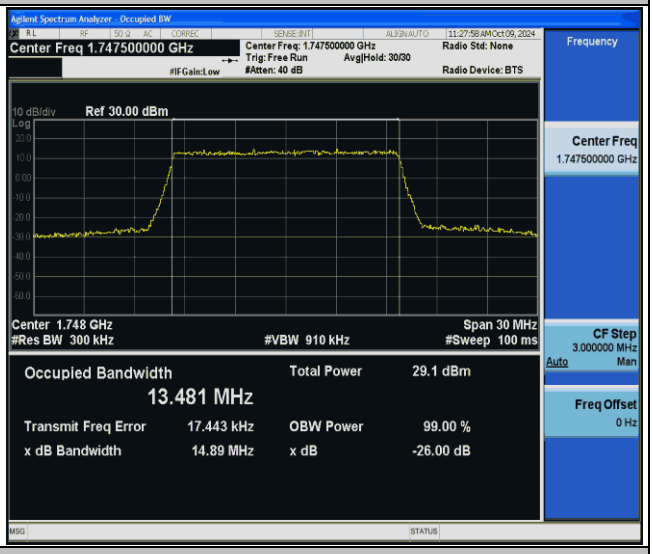


Band4-15MHz-256QAM-20025-75RB#0-PASS

Band4-15MHz-256QAM-20175-75RB#0-PASS



Band4-15MHz-256QAM-20325-75RB#0-PASS

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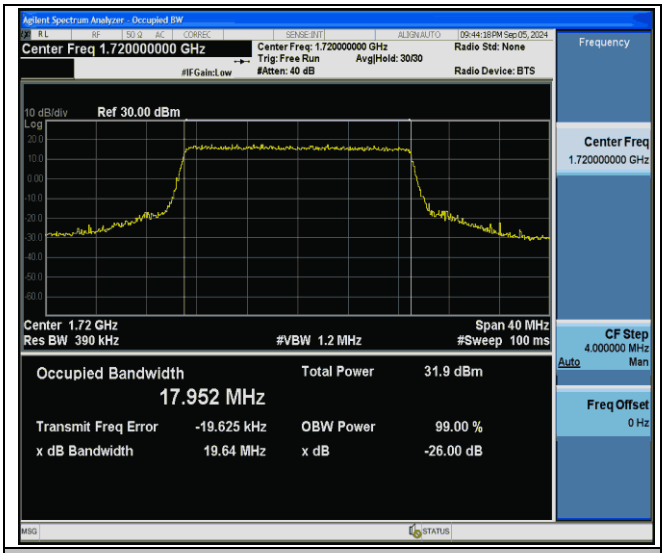
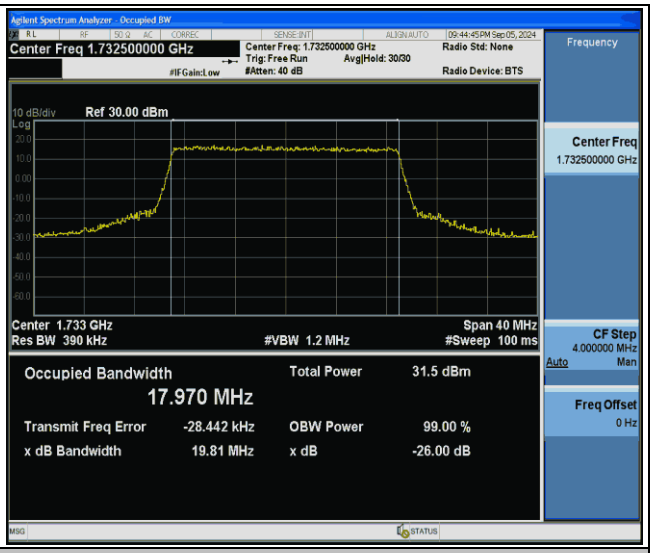
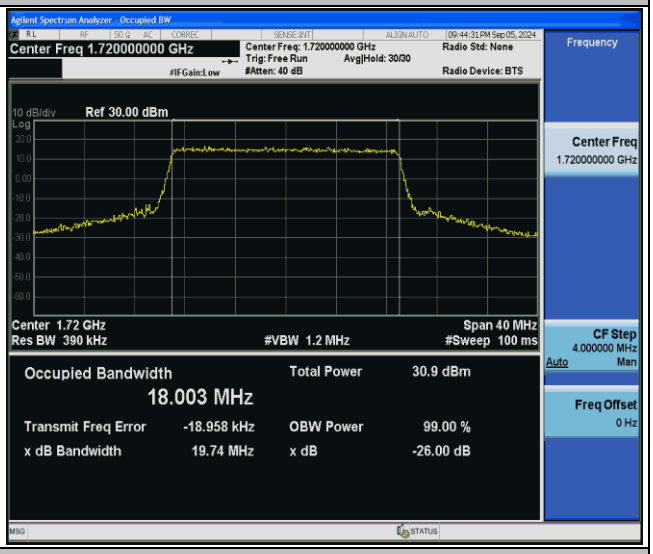


Band4-20MHz-QPSK-20050-100RB#0-PASS

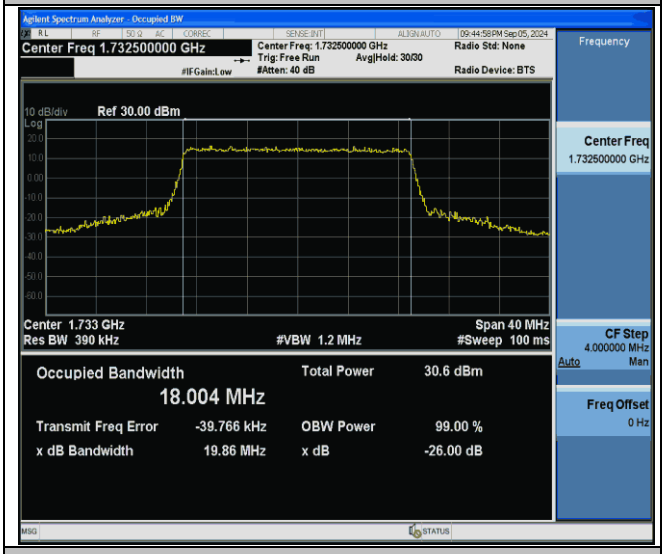


Band4-20MHz-QPSK-20175-100RB#0-PASS

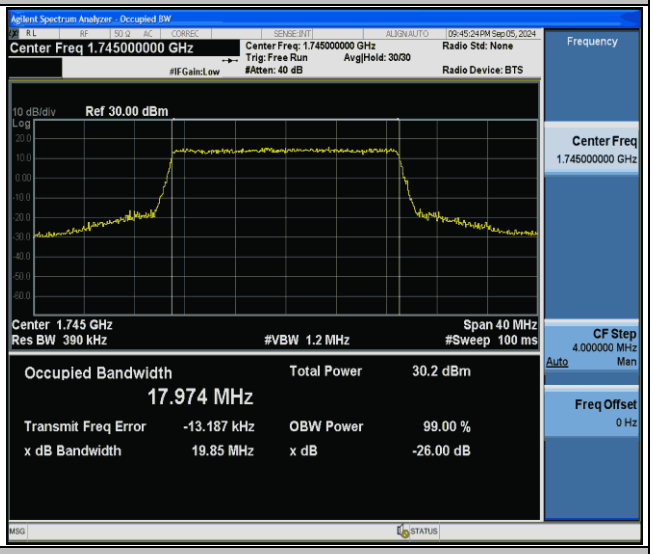
Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-16QAM-20300-100RB#0-PASS

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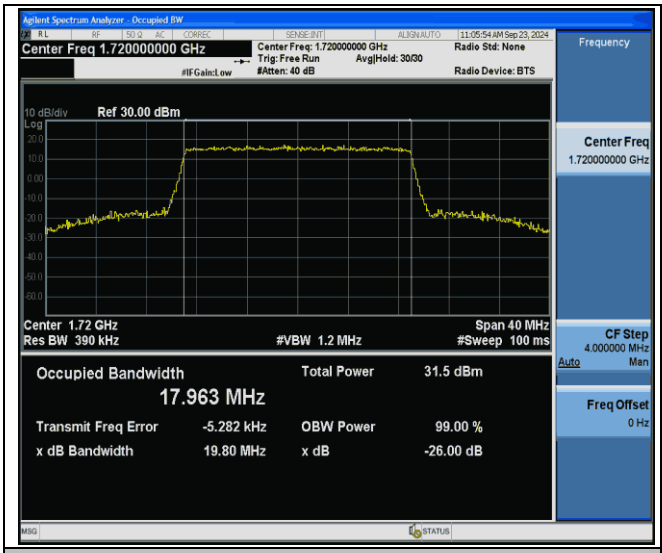
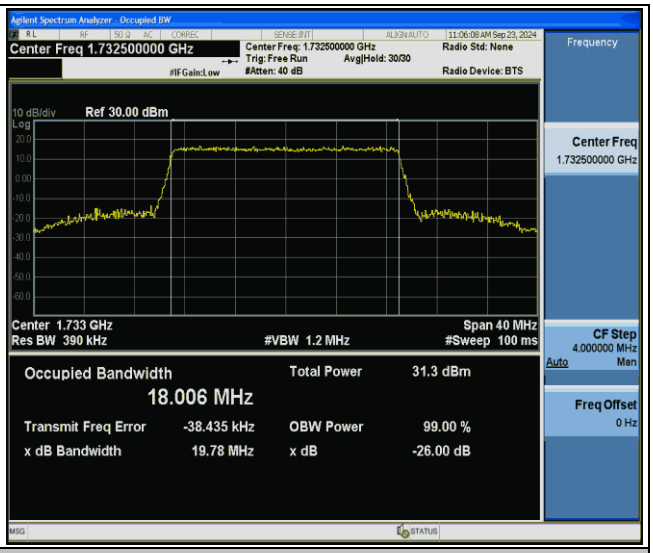
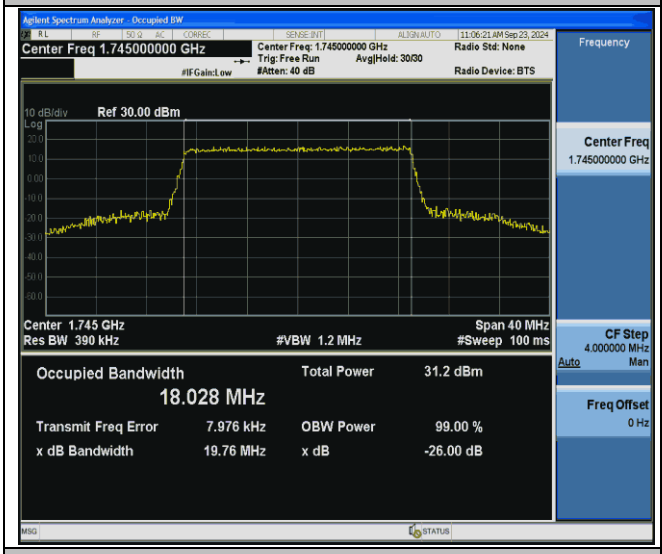


Band4-20MHz-64QAM-20050-100RB#0-PASS

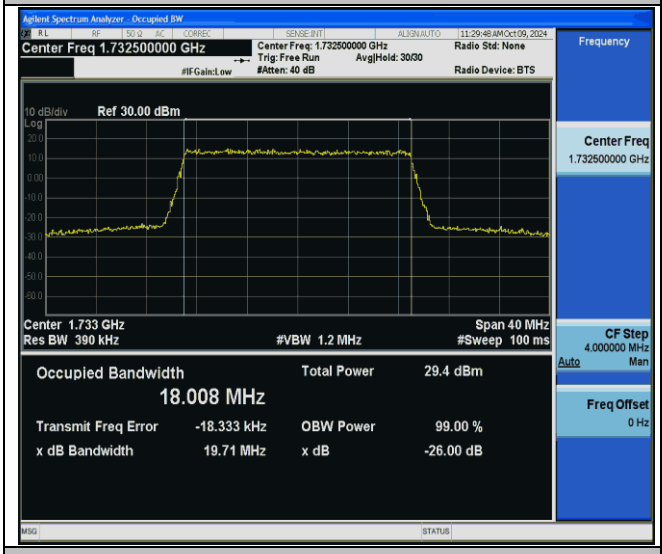


Band4-20MHz-64QAM-20175-100RB#0-PASS



Band4-20MHz-64QAM-20300-100RB#0-PASS

Band4-20MHz-256QAM-20050-100RB#0-PASS



Band4-20MHz-256QAM-20175-100RB#0-PASS

Band4-20MHz-256QAM-20300-100RB#0-PASS

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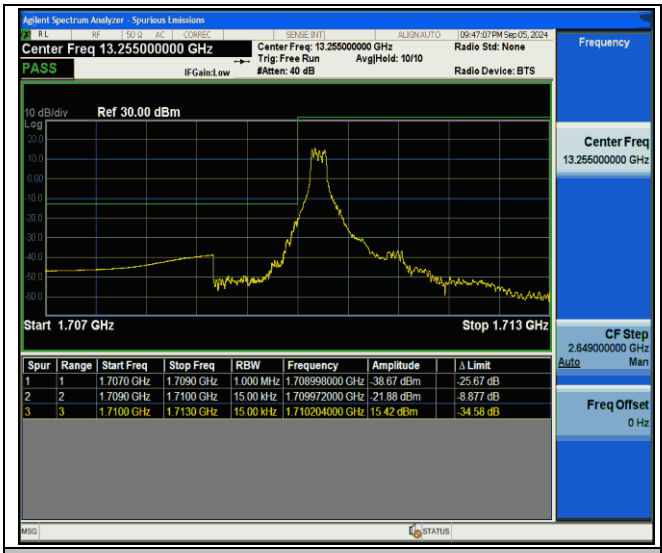
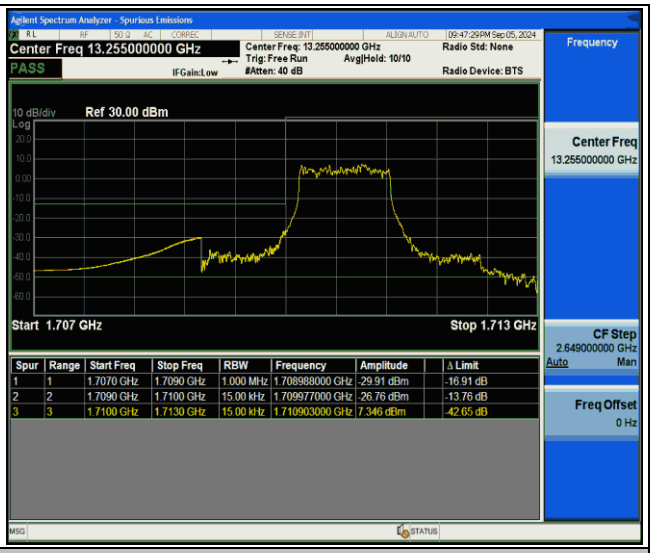
Band Edge

Test Graphs

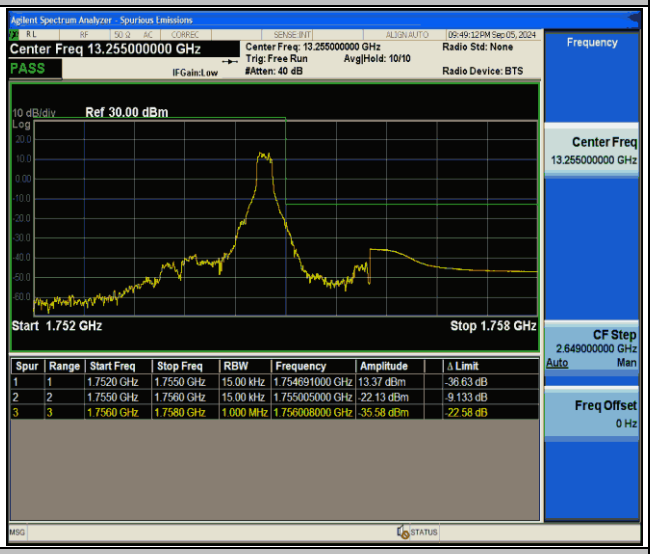


Band4-1.4MHz-QPSK-19957-1RB#0-PASS

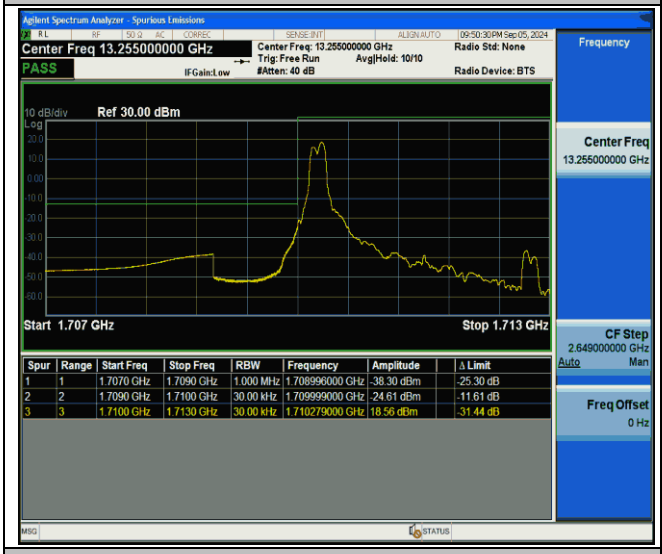


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

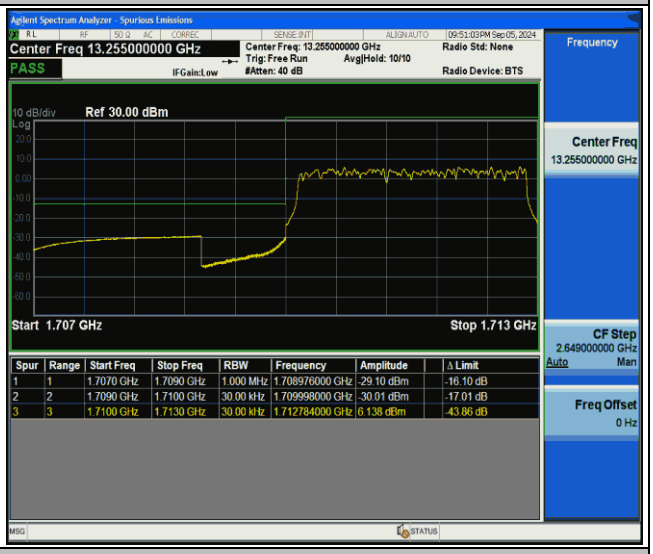
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-PASS



Band4-3MHz-QPSK-19965-1RB#0-PASS



Band4-3MHz-QPSK-19965-15RB#0-PASS

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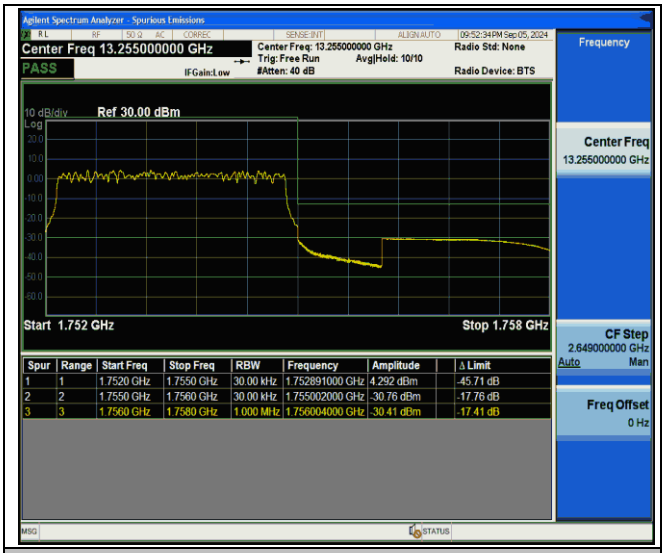
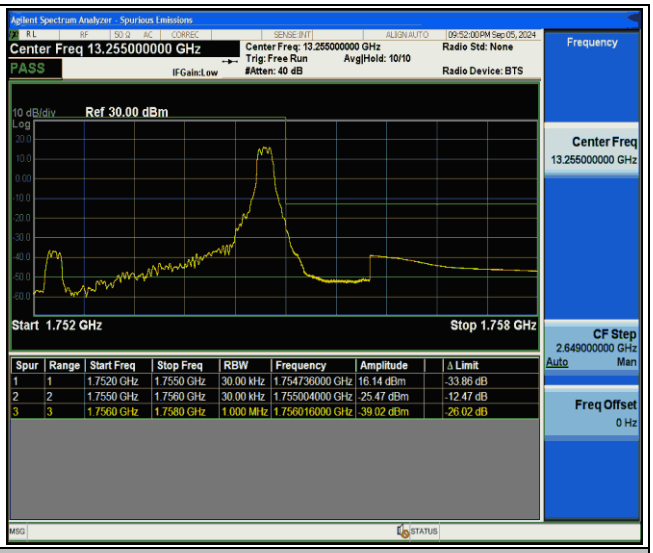
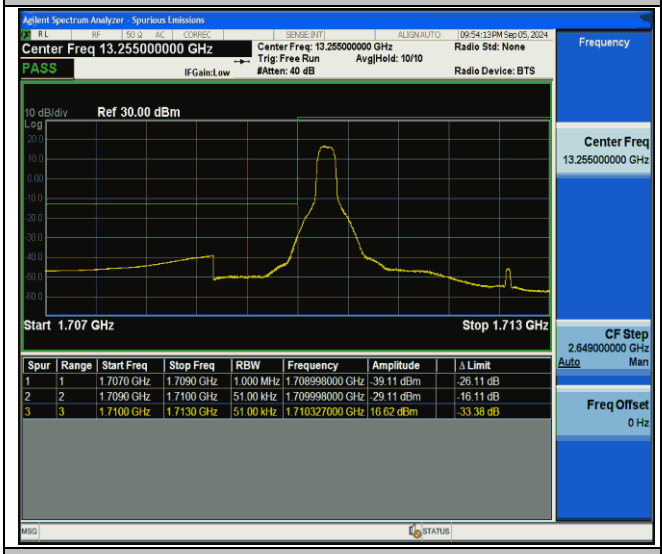


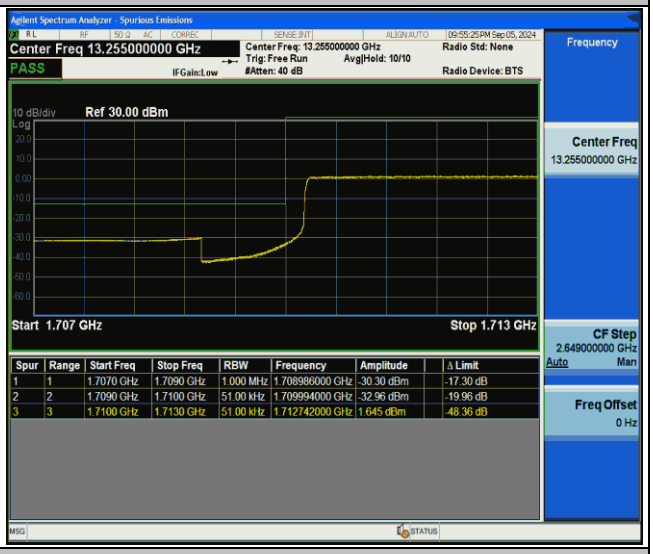
Band4-3MHz-QPSK-20385-15RB#0-PASS



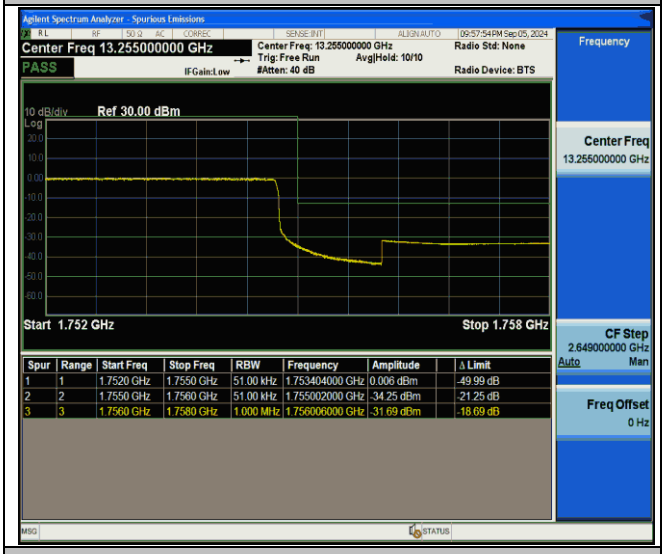
Band4-3MHz-QPSK-20385-1RB#14-PASS



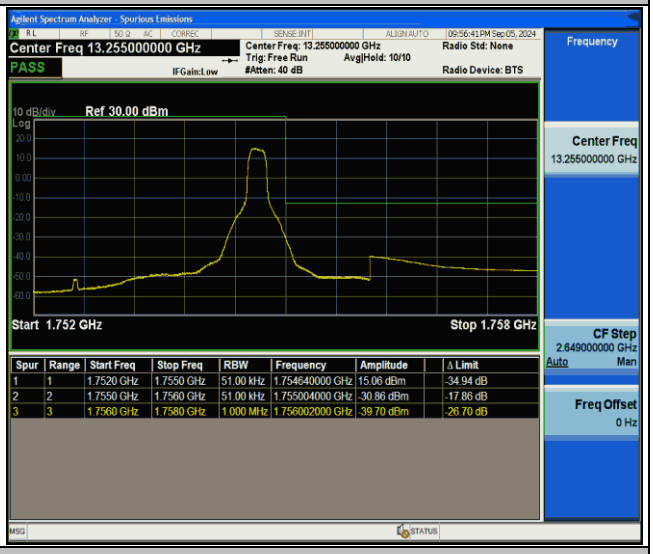
Band4-5MHz-QPSK-19975-1RB#0-PASS



Band4-5MHz-QPSK-19975-25RB#0-PASS



Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-QPSK-20375-1RB#24-PASS

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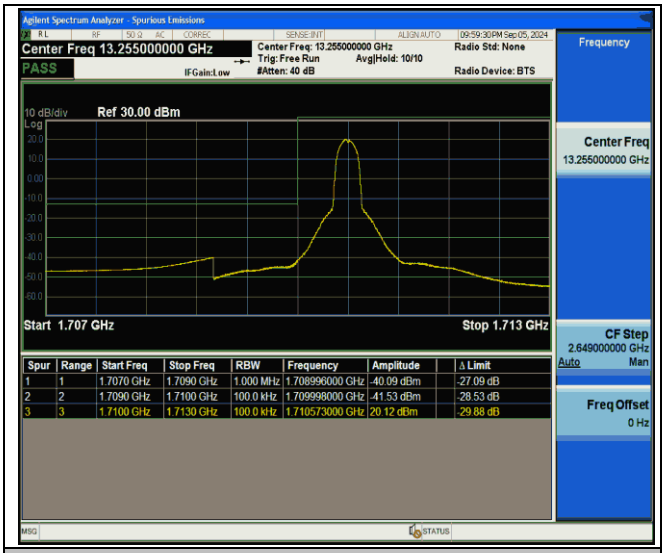
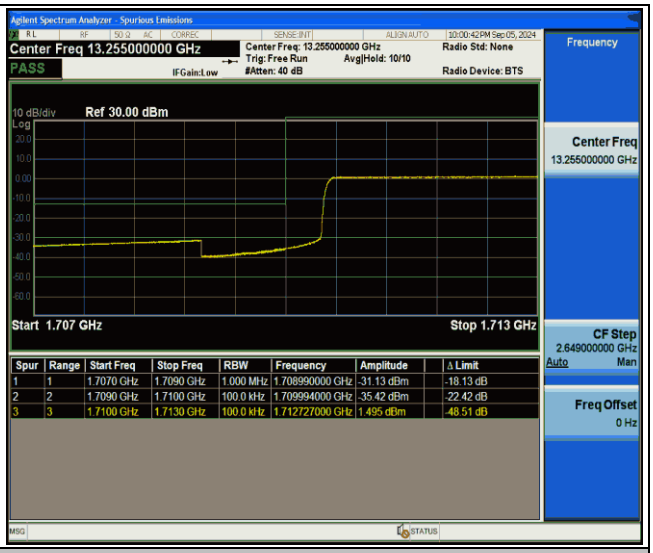
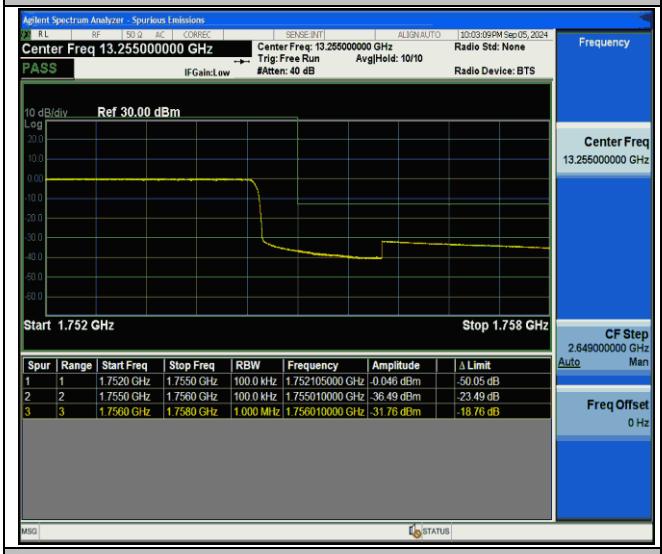


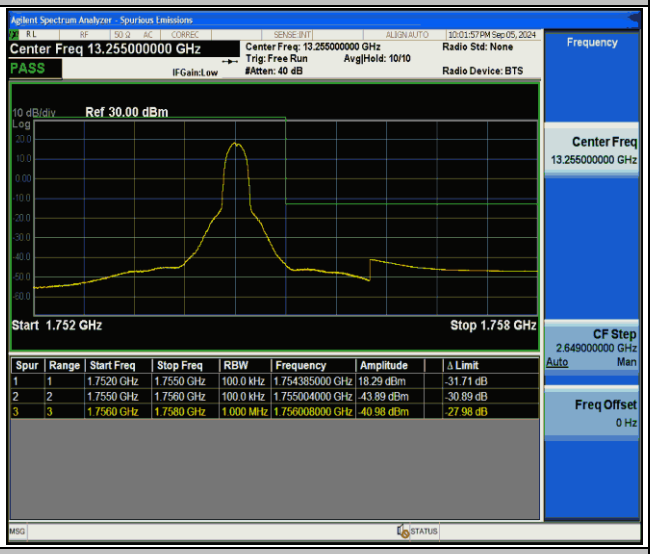
Band4-10MHz-QPSK-20000-1RB#0-PASS



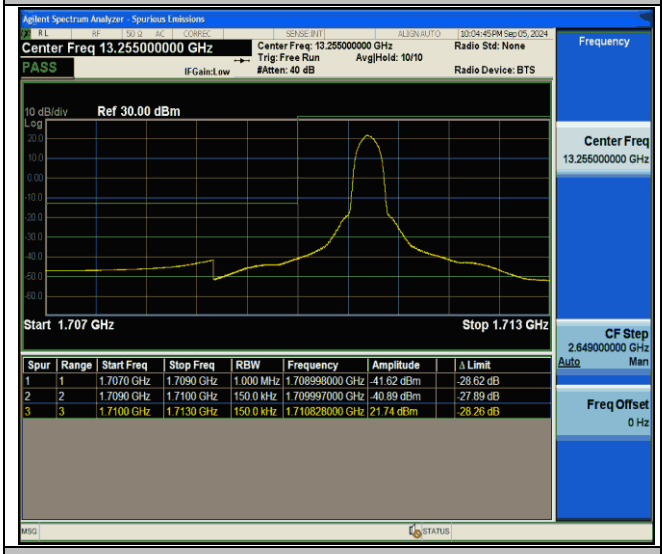
Band4-10MHz-QPSK-20000-50RB#0-PASS



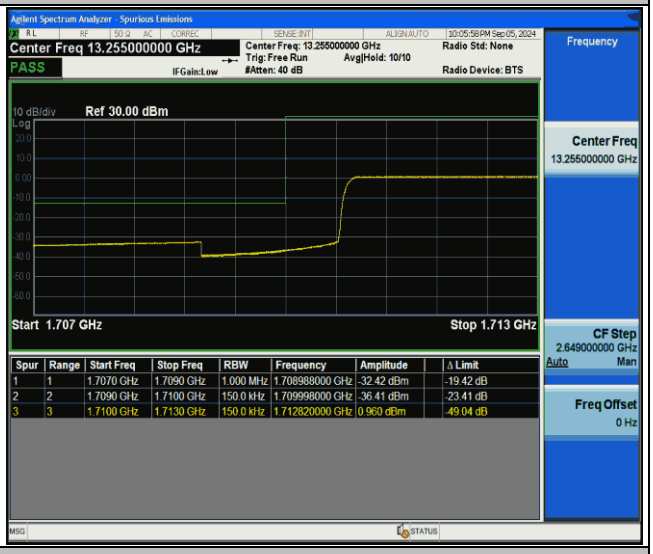
Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-10MHz-QPSK-20350-1RB#49-PASS



Band4-15MHz-QPSK-20025-1RB#0-PASS



Band4-15MHz-QPSK-20025-75RB#0-PASS

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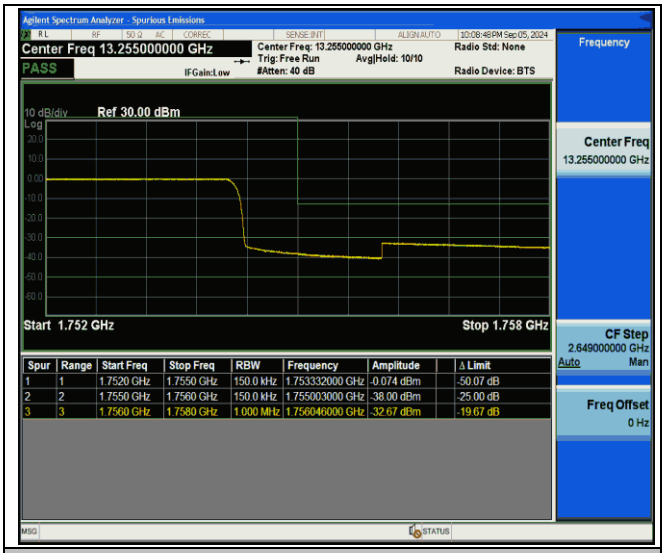
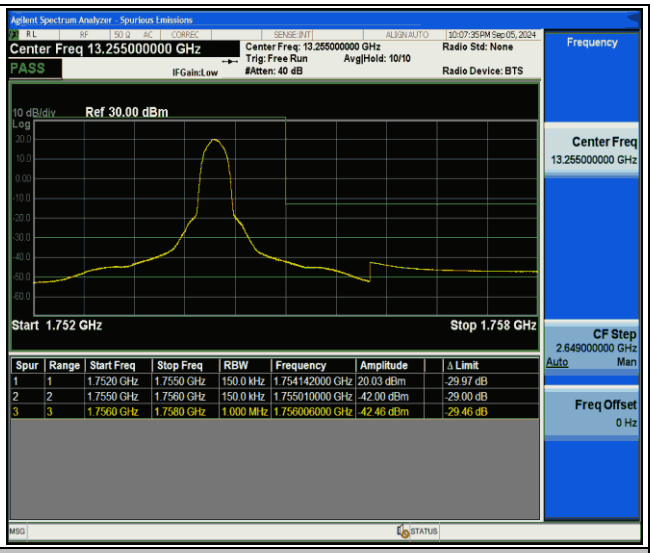
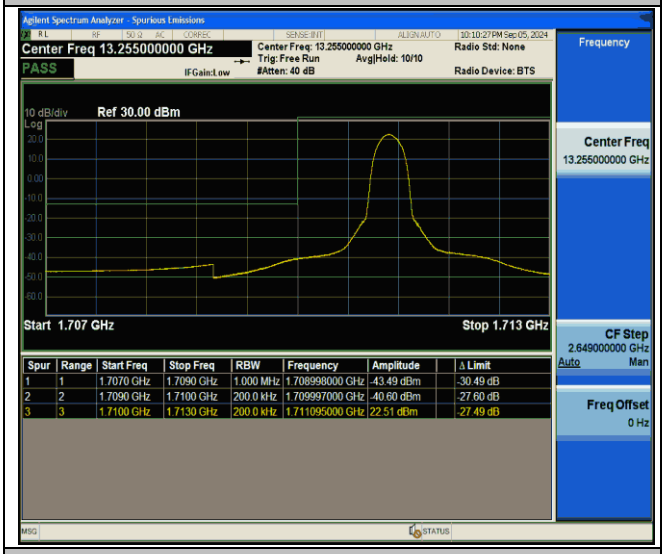


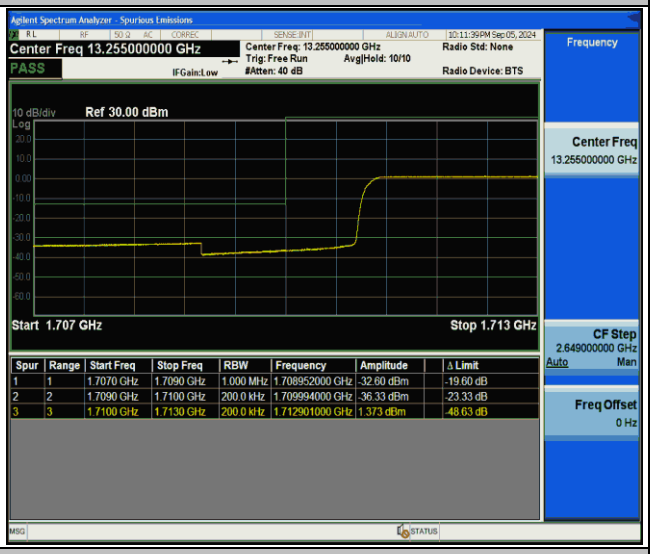
Band4-15MHz-QPSK-20325-75RB#0-PASS



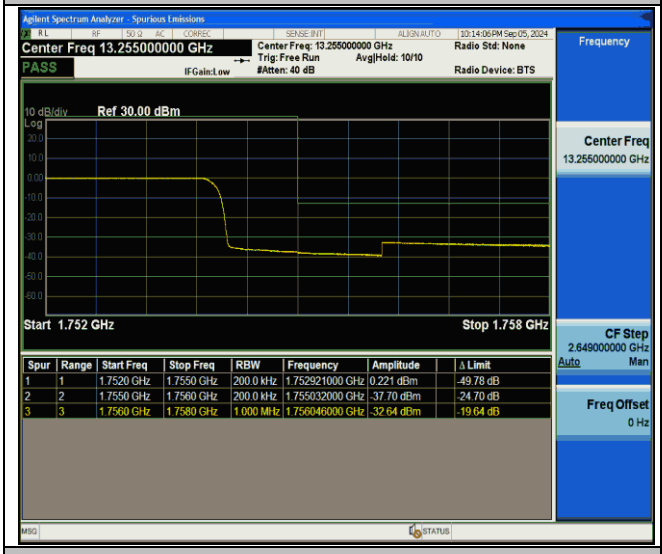
Band4-15MHz-QPSK-20325-1RB#74-PASS



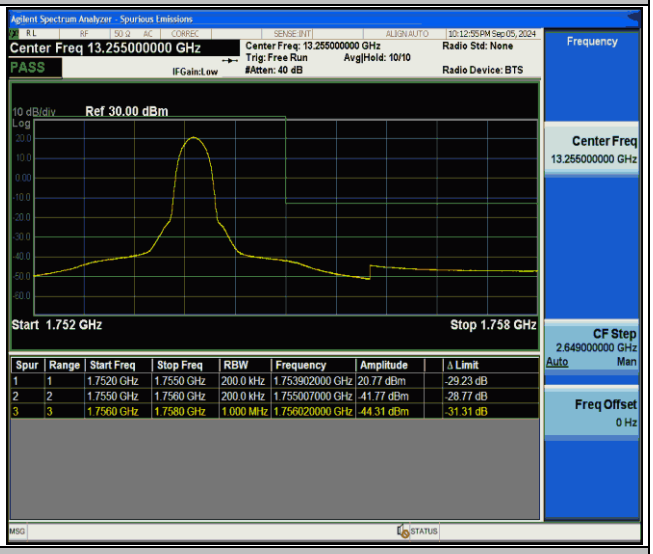
Band4-20MHz-QPSK-20050-1RB#0-PASS



Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-QPSK-20300-1RB#99-PASS

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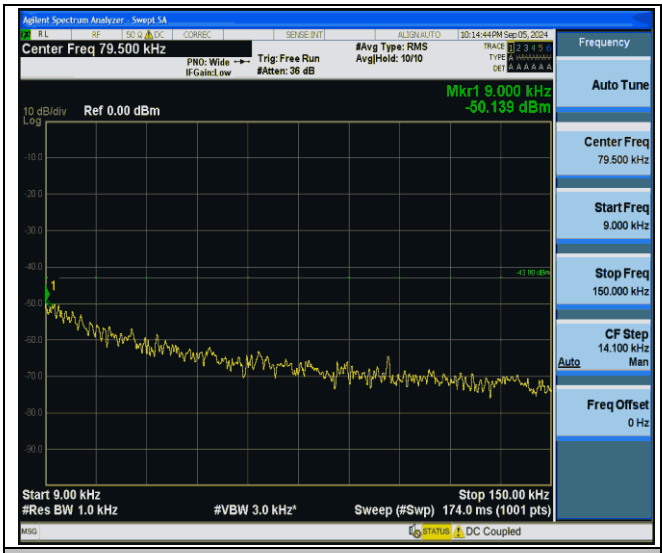
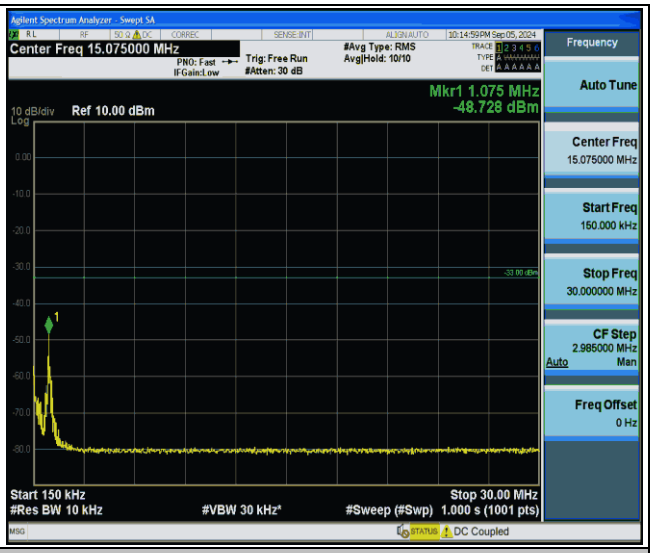
Conducted Spurious Emission

Test Graphs

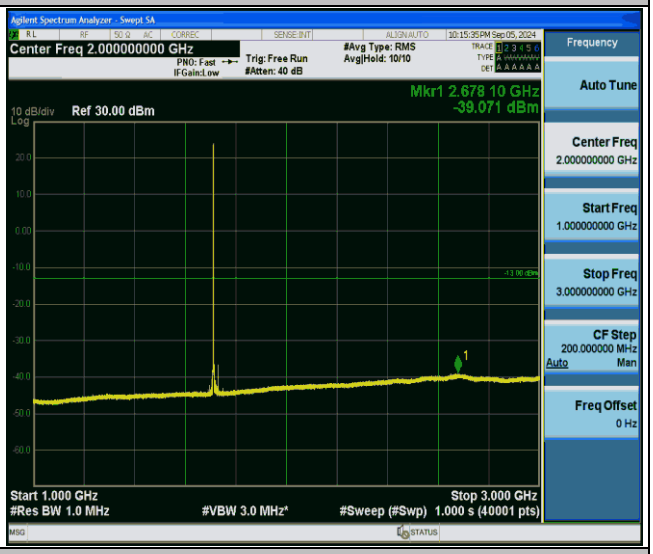


Band4-20MHz-QPSK-20050-1RB#0-0.009~0.15-PASS



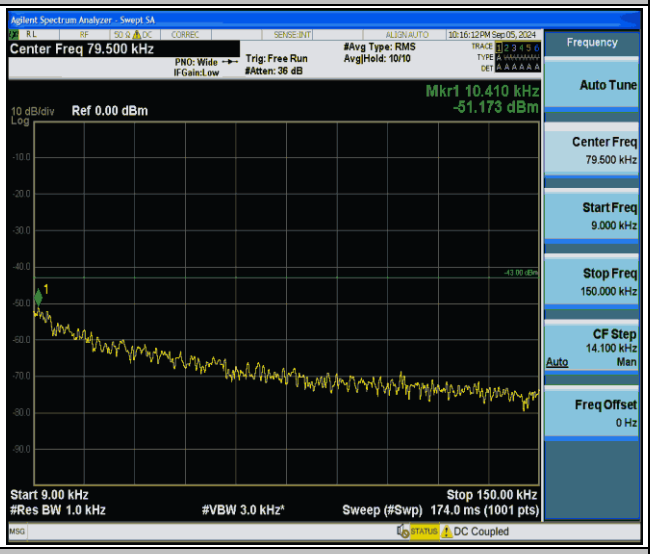
Band4-20MHz-QPSK-20050-1RB#0-0.15~30-PASS

Band4-20MHz-QPSK-20050-1RB#0-30~1000-PASS



Band4-20MHz-QPSK-20050-1RB#0-1000~3000-PASS

Band4-20MHz-QPSK-20050-1RB#0-3000~20000-PASS



Band4-20MHz-QPSK-20175-1RB#0-0.009~0.15-PASS

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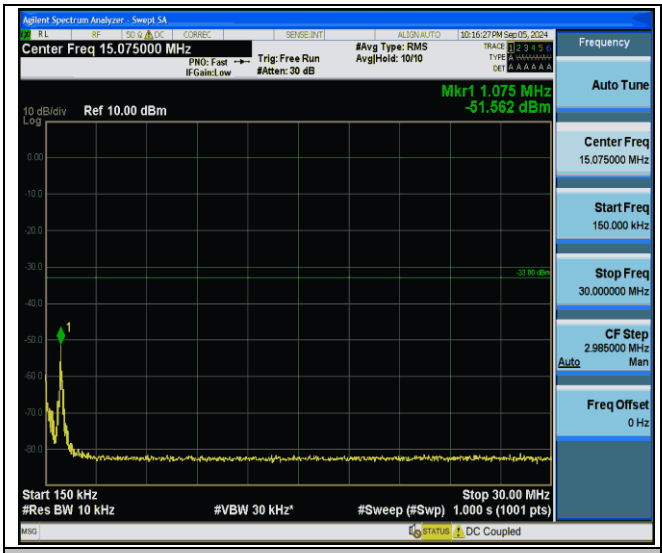
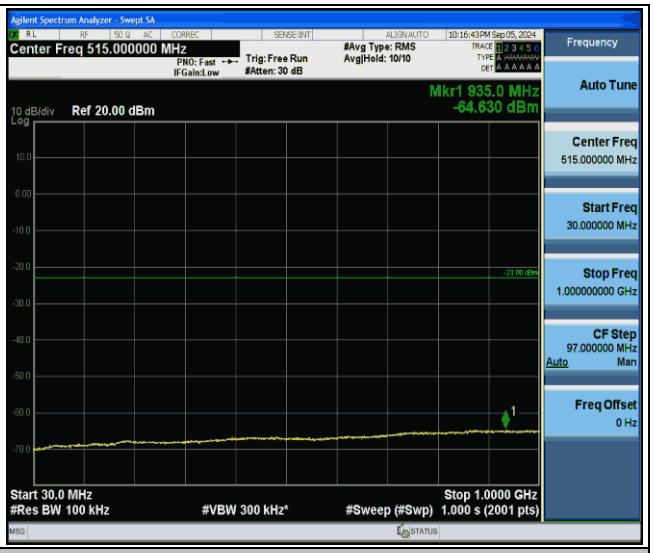
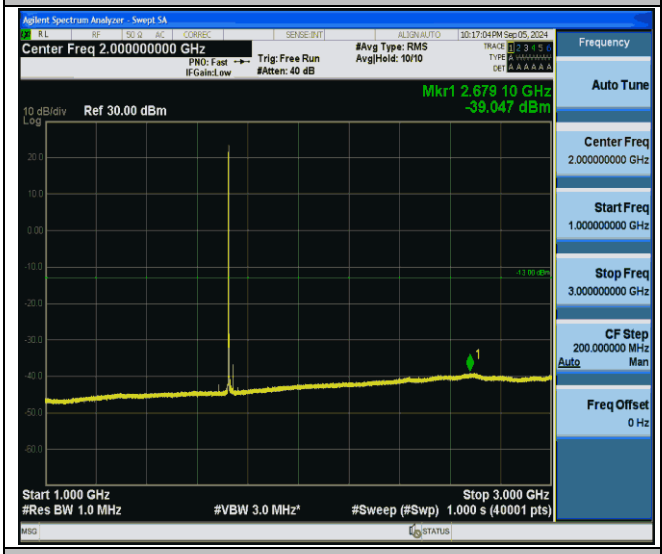


Band4-20MHz-QPSK-20175-1RB#0-0.15~30-PASS

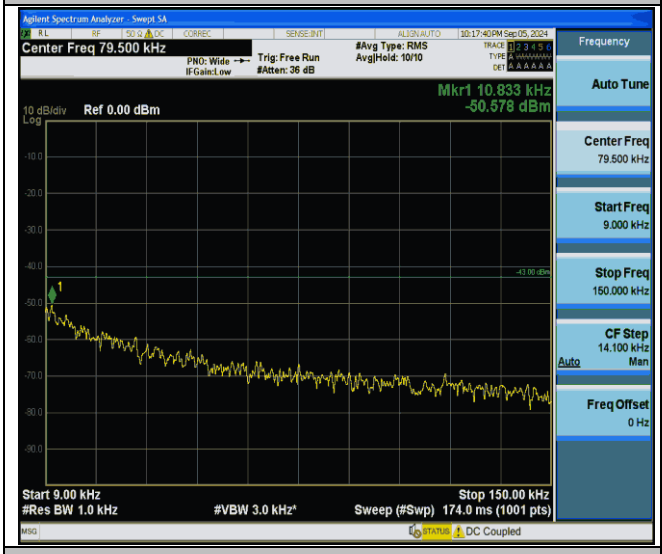


Band4-20MHz-QPSK-20175-1RB#0-30~1000-PASS

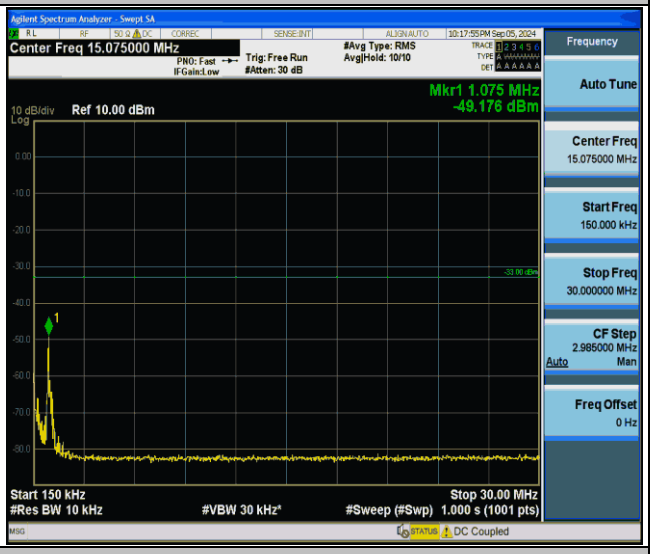


Band4-20MHz-QPSK-20175-1RB#0-1000~3000-PASS

Band4-20MHz-QPSK-20175-1RB#0-3000~20000-PASS



Band4-20MHz-QPSK-20300-1RB#0-0.009~0.15-PASS



Band4-20MHz-QPSK-20300-1RB#0-0.15~30-PASS

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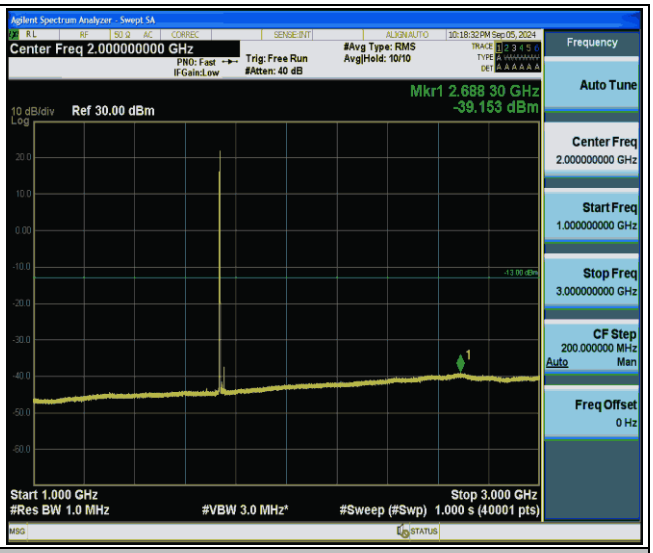
Band4-20MHz-QPSK-20300-1RB#0-30~1000-PASS



Band4-20MHz-QPSK-20300-1RB#0-1000~3000-PASS

Band4-20MHz-QPSK-20300-1RB#0-3000~20000-PASS

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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	3.00	0.001732	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	1.90	0.001097	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.00	0.000000	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	3.00	0.001732	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.80	0.000462	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-0.90	-0.000519	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.90	0.000519	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-1.10	-0.000635	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	1.50	0.000866	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.30	0.000173	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	1.00	0.000577	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	0.10	0.000058	PASS

~The End~

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