Appendix-A LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.57	26.57	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	25.05	27.05	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.4	26.4	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.67	25.67	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.97	25.97	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.38	26.38	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.6	25.6	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.88	24.88	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.89	26.89	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.87	26.87	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.34	26.34	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.46	25.46	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.51	26.51	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	25.05	27.05	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.4	26.4	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.76	25.76	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.95	25.95	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.35	26.35	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.5	25.5	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.97	24.97	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.59	26.59	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.77	26.77	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.13	26.13	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.46	25.46	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.08	26.08	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.9	25.9	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.87	25.87	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.91	25.91	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.89	25.89	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.88	25.88	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.63	25.63	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.96	24.96	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.65	26.65	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.27	26.27	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.51	26.51	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.52	25.52	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.99	25.99	30.00	PASS

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Band4	10MHz	QPSK	20000	1RB#0	24.67	26.67	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.91	26.91	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.61	26.61	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.86	25.86	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.19	26.19	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.31	26.31	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.52	25.52	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.22	25.22	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.96	26.96	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.71	26.71	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.43	26.43	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.53	25.53	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.28	26.28	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.48	26.48	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.71	25.71	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.49	25.49	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.84	25.84	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.02	26.02	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.48	25.48	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.11	25.11	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	25.04	27.04	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.34	26.34	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.24	26.24	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.46	25.46	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.36	26.36	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.35	26.35	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.61	25.61	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23	25	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.99	25.99	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.13	26.13	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.12	25.12	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.91	24.91	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	25.46	27.46	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.43	26.43	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.45	26.45	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.34	25.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.46	25.46	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	24.21	26.21	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.45	25.45	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.49	24.49	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.76	24.76	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.42	25.42	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.39	24.39	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.8	23.8	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	24.17	26.17	30.00	PASS

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Band4	1.4MHz	16QAM	20393	1RB#2	24.38	26.38	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.68	25.68	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.8	24.8	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.47	25.47	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	24.27	26.27	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.56	25.56	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.71	24.71	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.08	25.08	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.5	25.5	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.53	24.53	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.81	23.81	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	24.11	26.11	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	24.45	26.45	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.49	25.49	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.78	24.78	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.7	25.7	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	24	26	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.88	25.88	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.92	24.92	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.77	24.77	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.08	25.08	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.39	24.39	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.83	23.83	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.7	25.7	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.47	25.47	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.76	25.76	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.73	24.73	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.78	25.78	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	24.26	26.26	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.78	25.78	30.00	PASS
Band4	10MHz	16QAM	20000	27RB#0	23.25	25.25	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.28	25.28	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.32	25.32	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.33	24.33	30.00	PASS
Band4	10MHz	16QAM	20175	27RB#0	22.03	24.03	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	24.22	26.22	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	24	26	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.67	25.67	30.00	PASS
Band4	10MHz	16QAM	20350	27RB#0	22.92	24.92	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.53	25.53	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.87	25.87	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.34	25.34	30.00	PASS
Band4	15MHz	16QAM	20025	27RB#0	23.15	25.15	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.04	25.04	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.2	25.2	30.00	PASS

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Band4	15MHz	16QAM	20175	1RB#74	22.59	24.59	30.00	PASS
Band4	15MHz	16QAM	20175	27RB#0	22.22	24.22	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.94	25.94	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.37	25.37	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.59	25.59	30.00	PASS
Band4	15MHz	16QAM	20325	27RB#0	22.87	24.87	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.49	25.49	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.85	25.85	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.75	24.75	30.00	PASS
Band4	20MHz	16QAM	20050	27RB#0	22.96	24.96	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.32	25.32	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.49	25.49	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.11	24.11	30.00	PASS
Band4	20MHz	16QAM	20175	27RB#0	22.12	24.12	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	24.64	26.64	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.72	25.72	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	24.01	26.01	30.00	PASS
Band4	20MHz	16QAM	20300	27RB#0	22.42	24.42	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	1.4MHz	QPSK	19957	6RB#0	4.67	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.22	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.96	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.85	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.31	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.08	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.90	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.40	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.02	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.37	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.27	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.08	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.25	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.28	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.22	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.36	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.30	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.88	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.03	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.86	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.97	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.09	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.00	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.83	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.02	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.94	13	PASS
Band4	10MHz	16QAM	20000	27RB#0	6.36	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	6.76	13	PASS
Band4	10MHz	16QAM	20350	27RB#0	6.13	13	PASS
Band4	15MHz	16QAM	20025	27RB#0	6.39	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	6.84	13	PASS
Band4	15MHz	16QAM	20325	27RB#0	6.27	13	PASS
Band4	20MHz	16QAM	20050	27RB#0	6.35	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	6.86	13	PASS
Band4	20MHz	16QAM	20300	27RB#0	6.58	13	PASS

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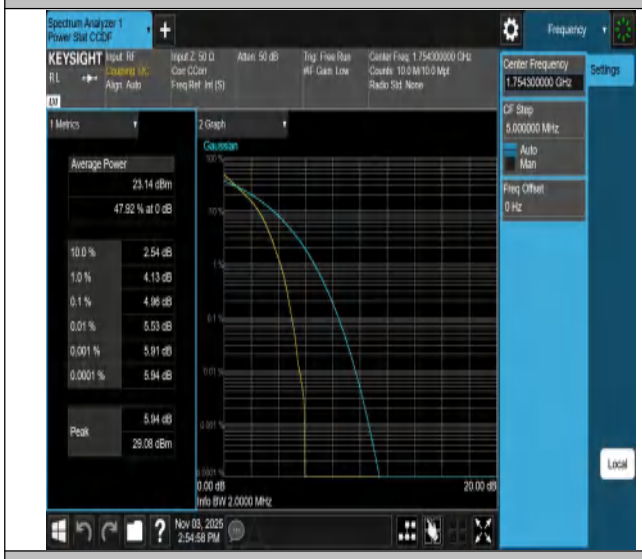
Test Graphs

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

Band4-1.4MHz-QPSK-20175-6RB#0-PASS



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

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

Band4-3MHz-QPSK-20175-15RB#0-PASS

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

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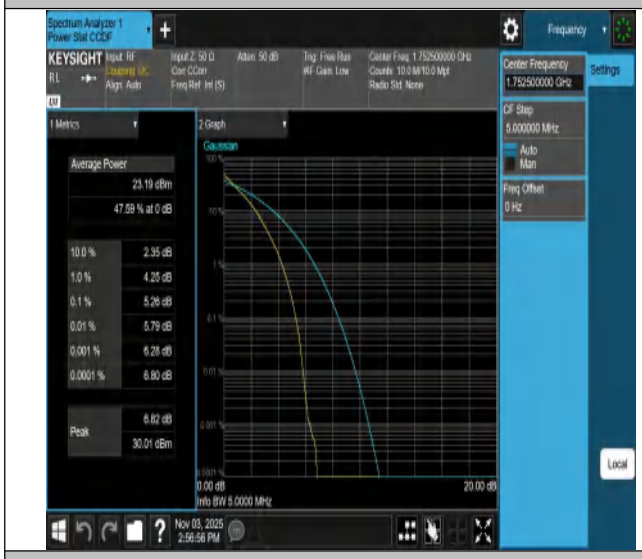
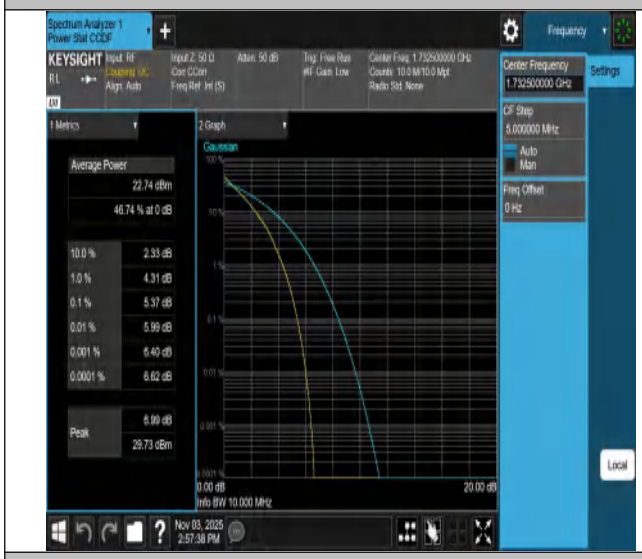
Band4-5MHz-QPSK-19975-25RB#0-PASS

Band4-5MHz-QPSK-20175-25RB#0-PASS



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

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



Band4-10MHz-QPSK-20175-50RB#0-PASS

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

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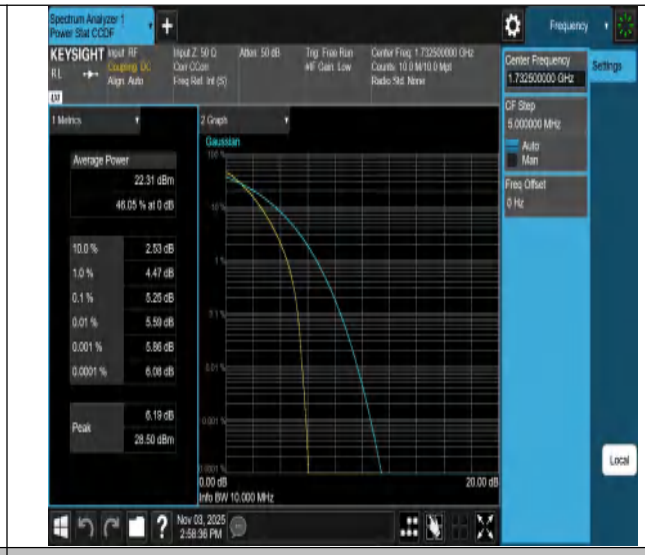
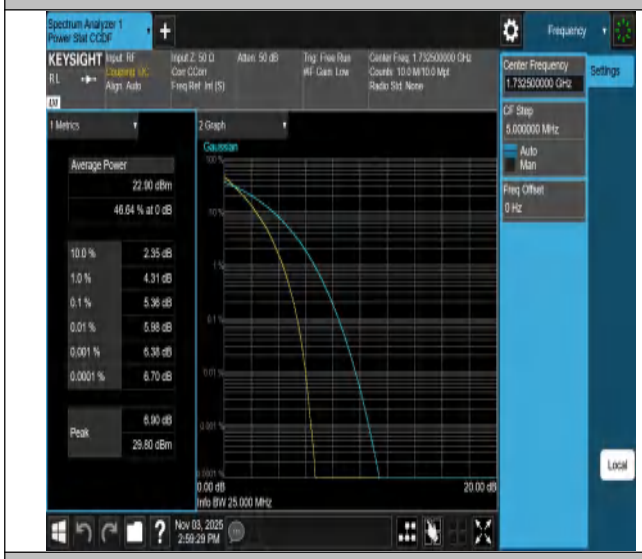
Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-QPSK-20175-75RB#0-PASS

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

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



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

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

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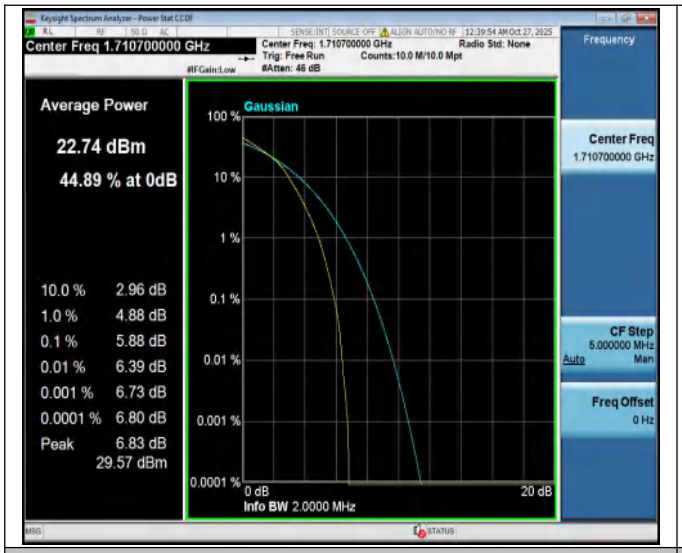
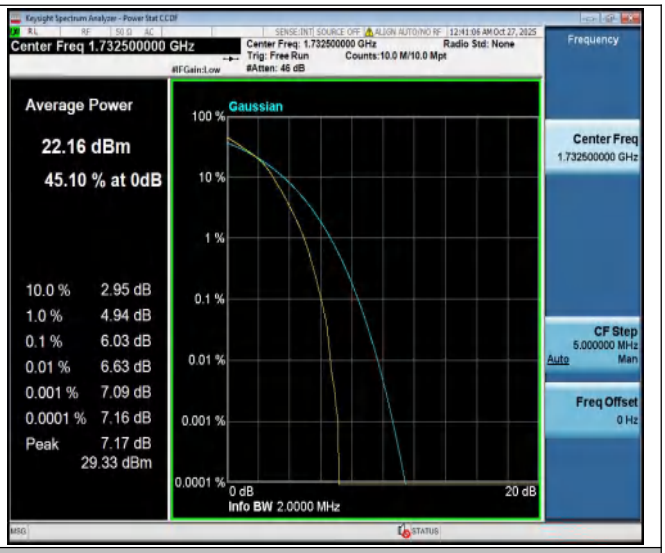
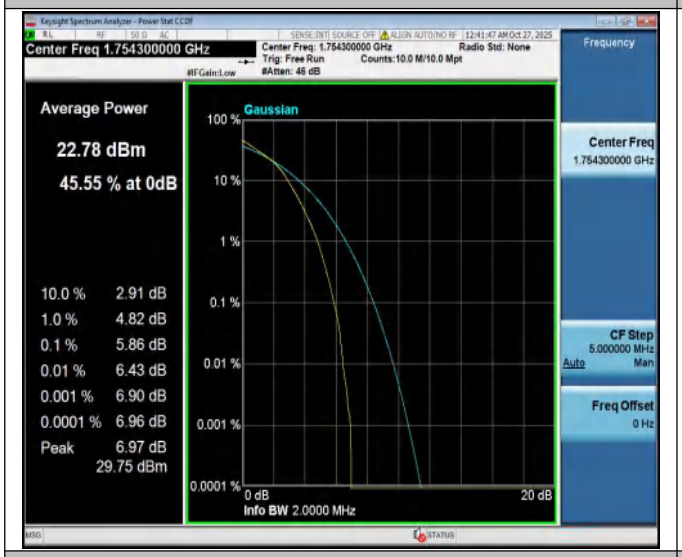


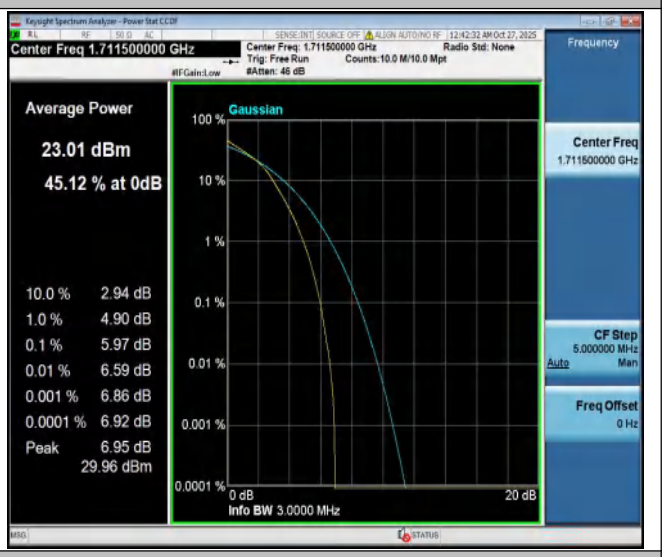
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



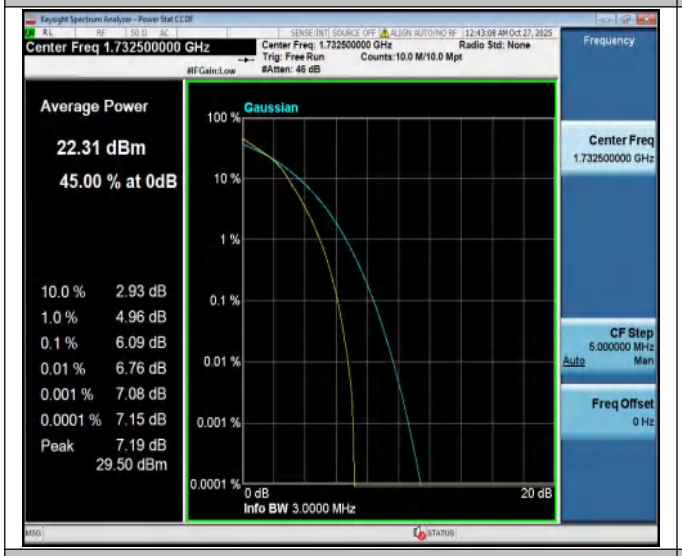
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



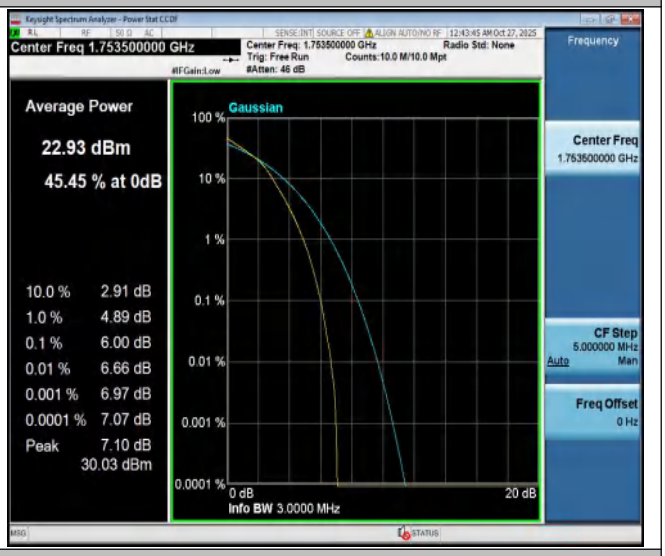
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



Band4-3MHz-16QAM-19965-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



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

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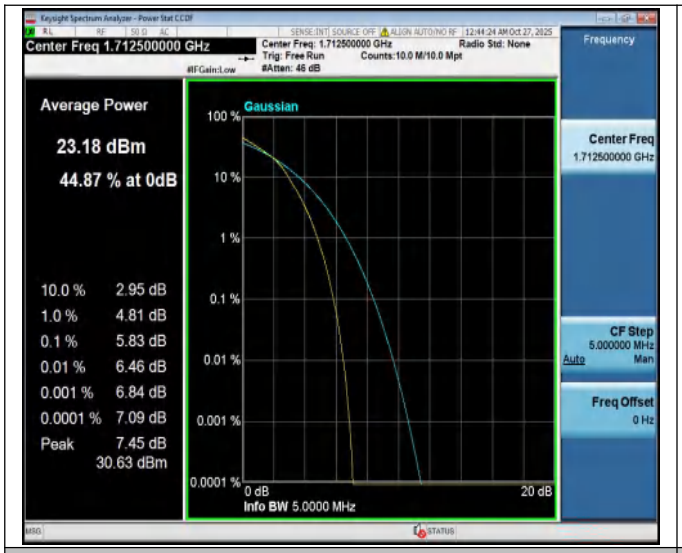
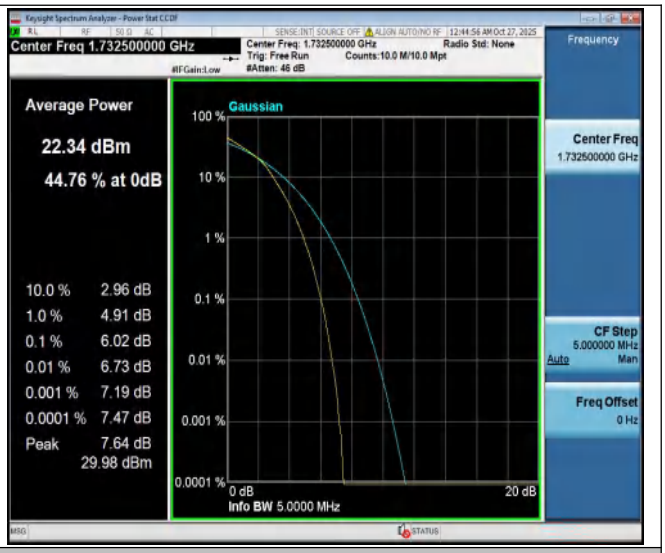
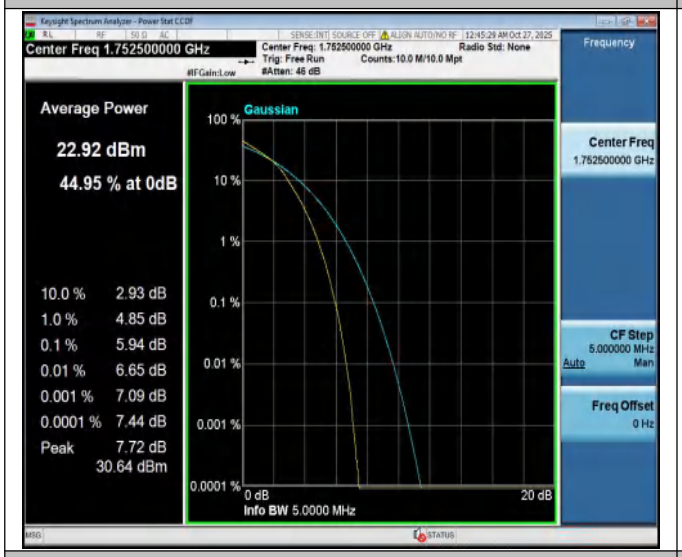


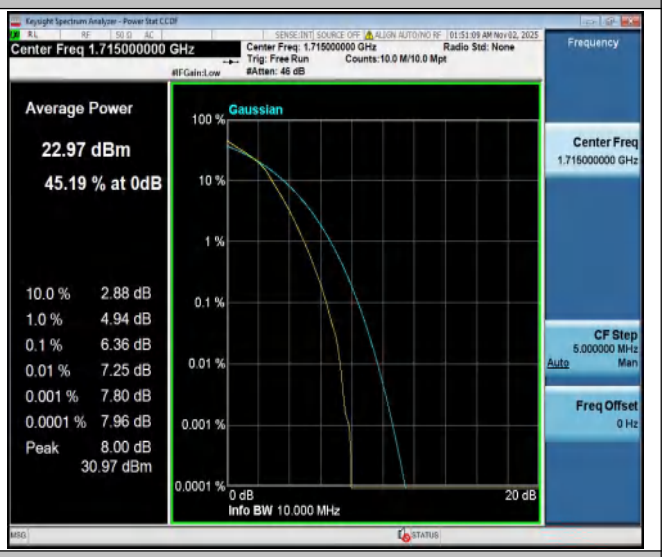
Band4-5MHz-16QAM-19975-25RB#0-PASS



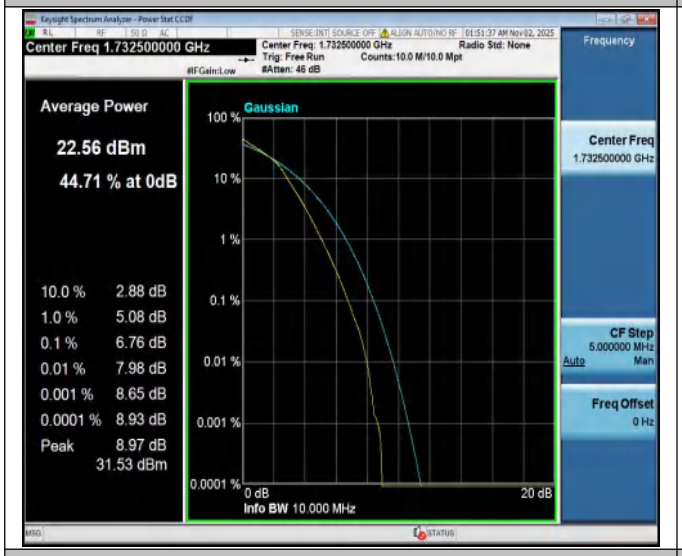
Band4-5MHz-16QAM-20175-25RB#0-PASS



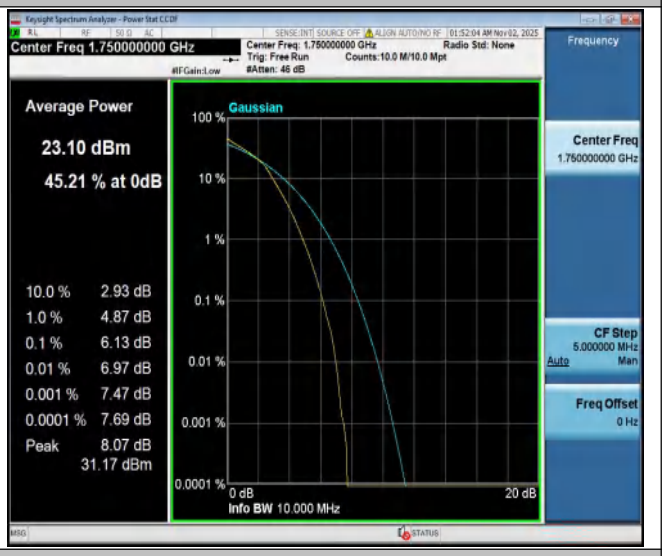
Band4-5MHz-16QAM-20375-25RB#0-PASS



Band4-10MHz-16QAM-20000-27RB#0-PASS



Band4-10MHz-16QAM-20175-27RB#0-PASS



Band4-10MHz-16QAM-20350-27RB#0-PASS

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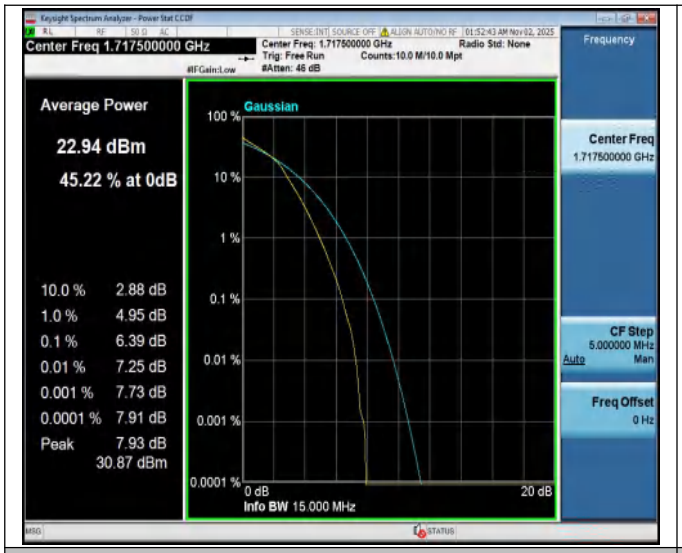
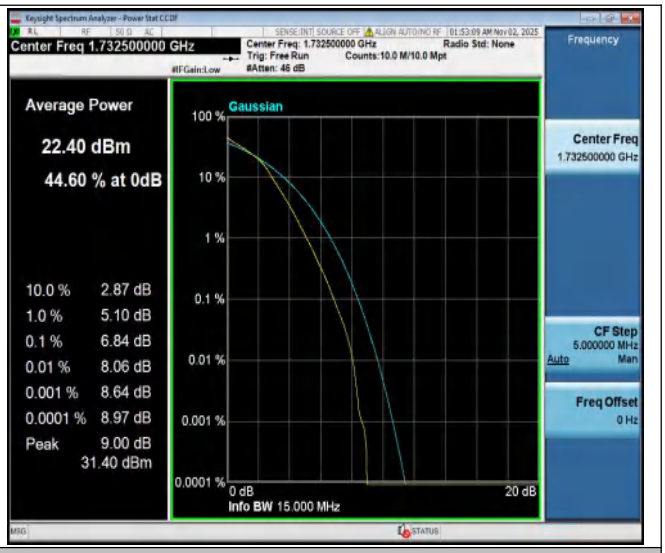
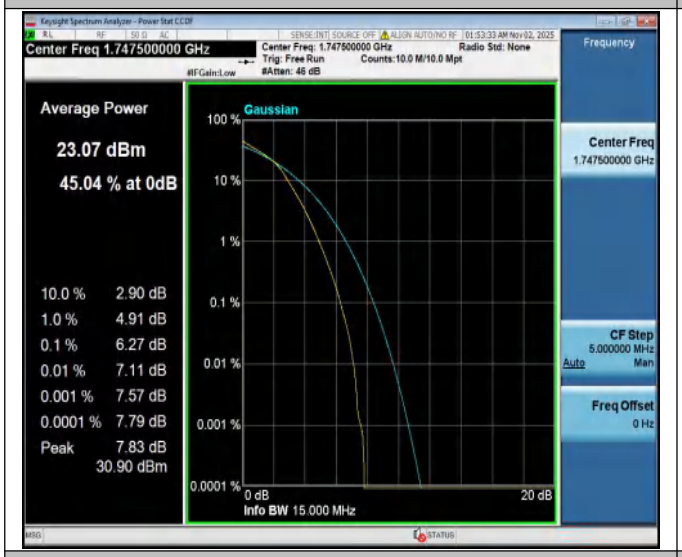


Band4-15MHz-16QAM-20025-27RB#0-PASS



Band4-15MHz-16QAM-20175-27RB#0-PASS



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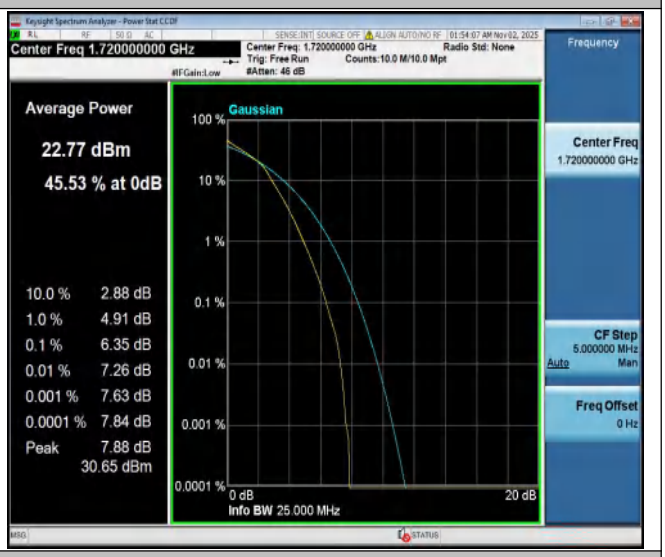
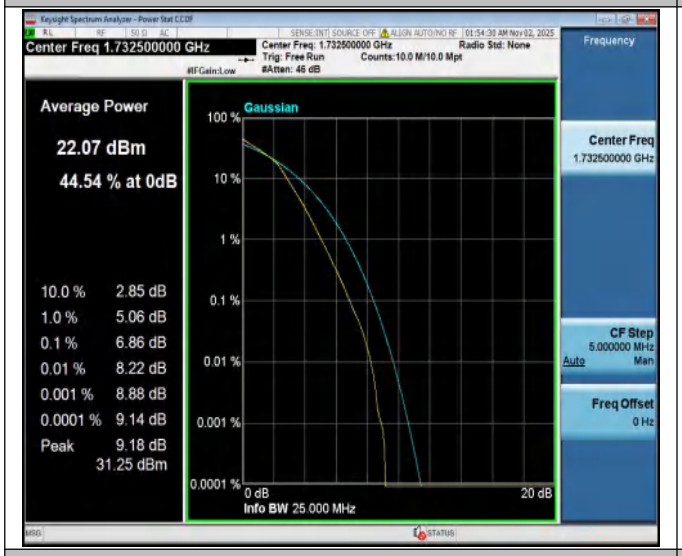
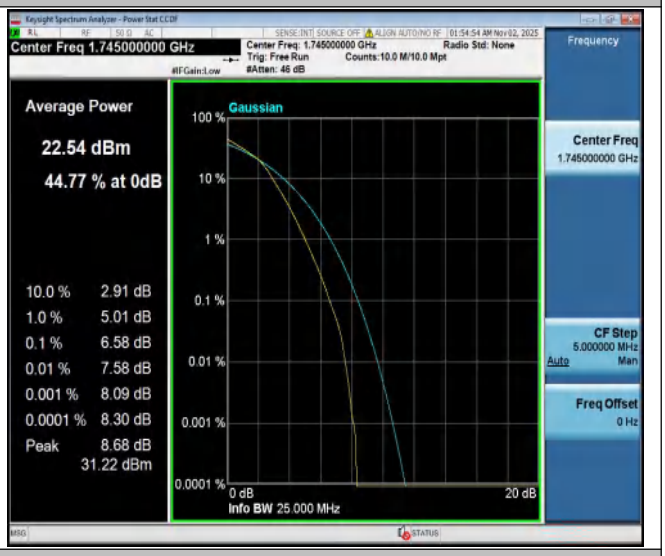


Band4-20MHz-16QAM-20050-27RB#0-PASS



Band4-20MHz-16QAM-20175-27RB#0-PASS



Band4-20MHz-16QAM-20300-27RB#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	1.0916	1.437	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0946	1.448	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1014	1.439	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6966	3.189	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6851	3.168	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6943	3.180	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4834	5.108	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4798	5.111	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4905	5.139	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9417	9.755	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9229	9.722	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9136	9.681	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.555	16.51	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.551	16.58	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.537	16.44	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.008	21.13	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.043	21.18	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.042	20.75	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0957	1.442	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0957	1.447	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0955	1.452	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6787	3.162	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6888	3.172	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6829	3.156	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4679	5.097	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4721	5.131	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4766	5.126	PASS
Band4	10MHz	16QAM	20000	27RB#0	4.9475	5.658	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9523	5.593	PASS
Band4	10MHz	16QAM	20350	27RB#0	4.9552	5.700	PASS
Band4	15MHz	16QAM	20025	27RB#0	5.0404	5.899	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.0828	5.892	PASS
Band4	15MHz	16QAM	20325	27RB#0	5.0600	5.909	PASS
Band4	20MHz	16QAM	20050	27RB#0	5.1916	6.196	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.2039	6.108	PASS
Band4	20MHz	16QAM	20300	27RB#0	5.1734	6.121	PASS

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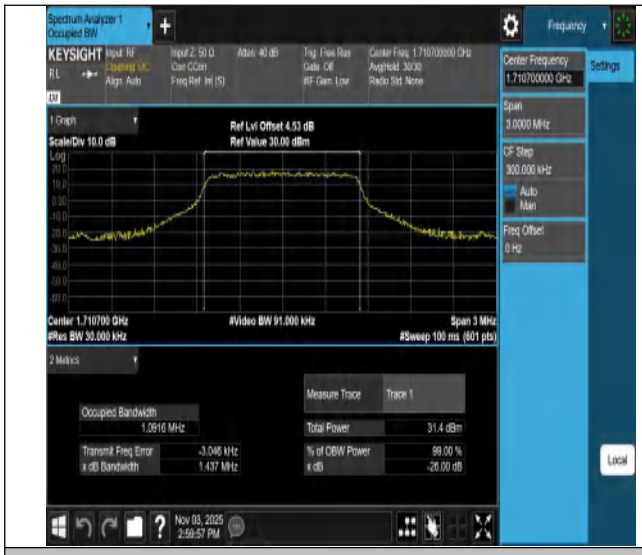
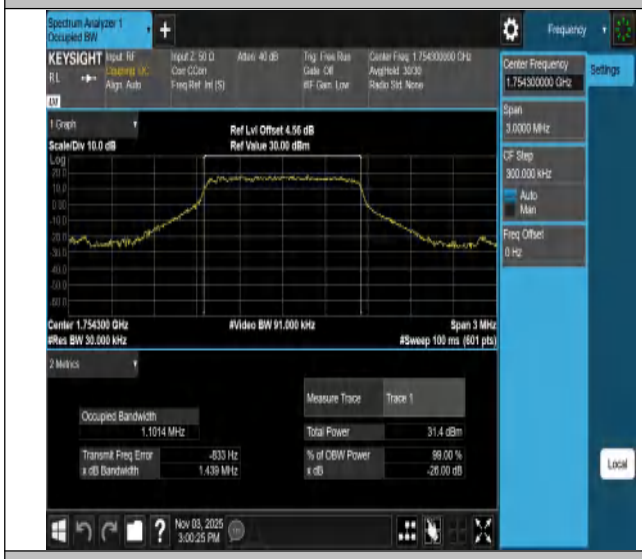
Test Graphs

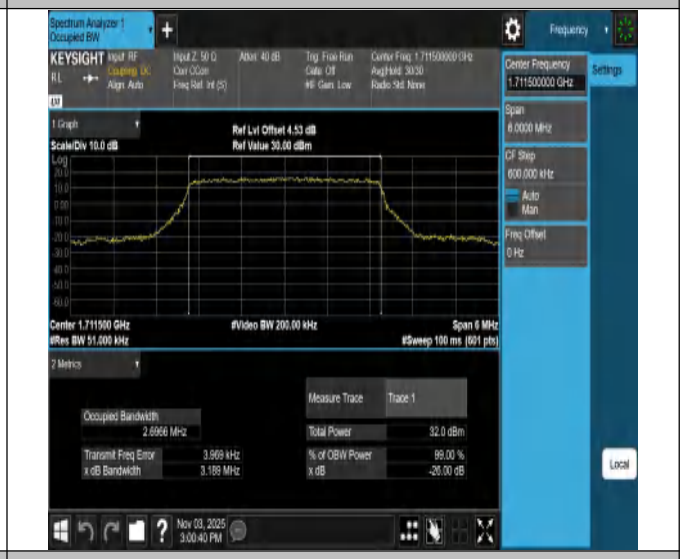


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

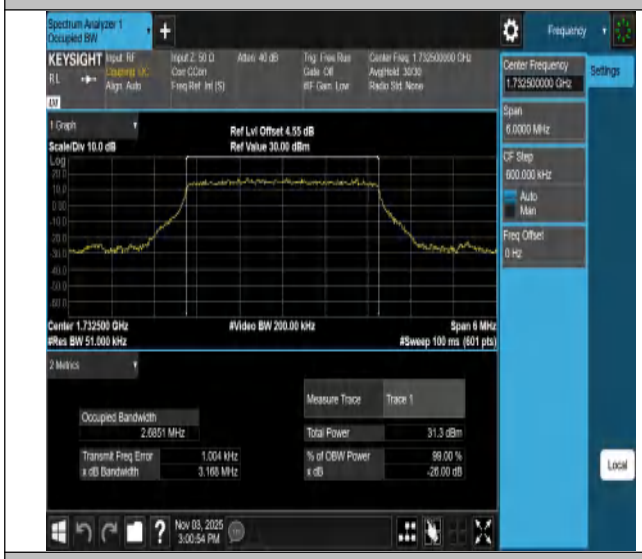
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



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



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



Band4-3MHz-QPSK-20175-15RB#0-PASS

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

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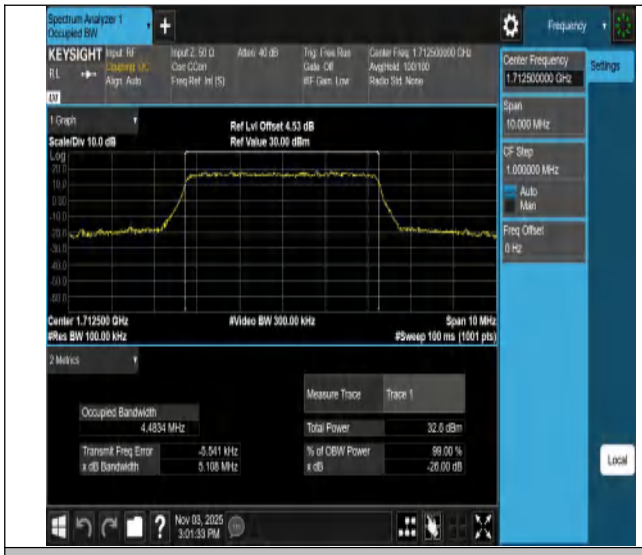
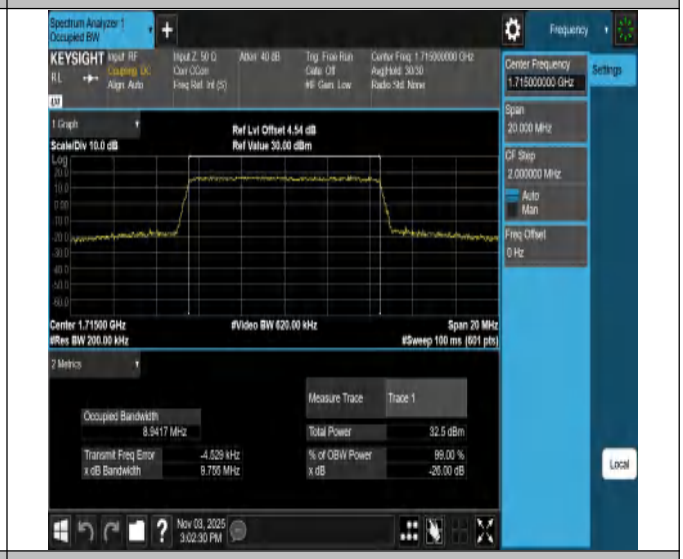


Band4-5MHz-QPSK-19975-25RB#0-PASS

Band4-5MHz-QPSK-20175-25RB#0-PASS

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



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

Band4-10MHz-QPSK-20175-50RB#0-PASS

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

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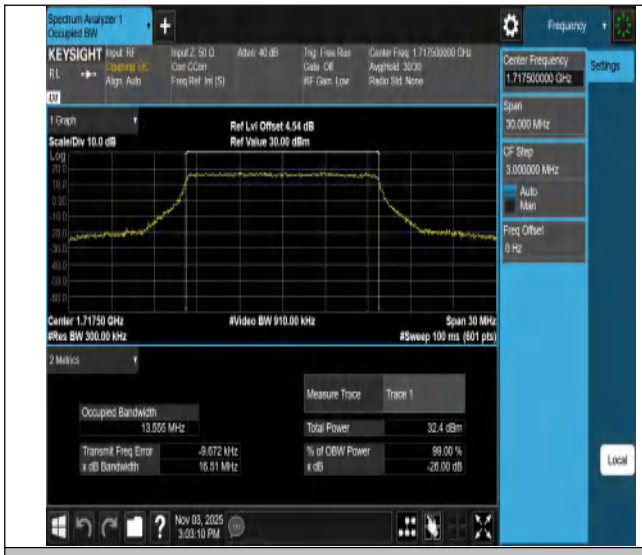
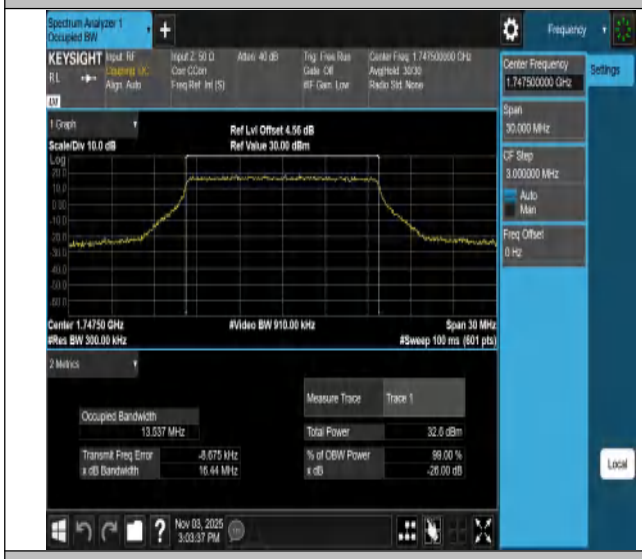


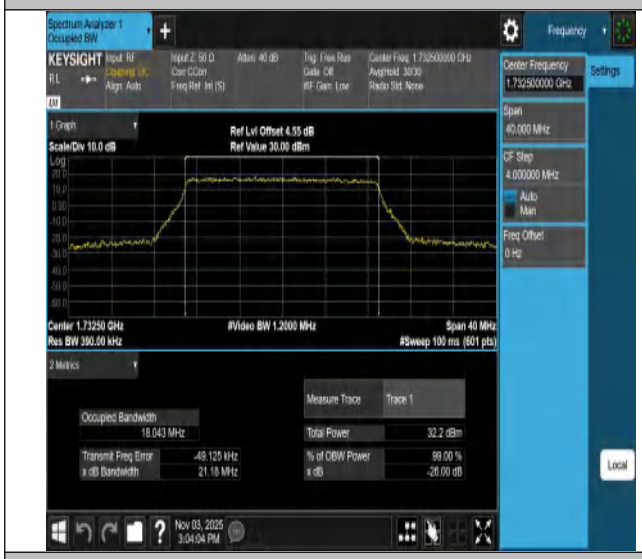
Band4-15MHz-QPSK-20025-75RB#0-PASS

Band4-15MHz-QPSK-20175-75RB#0-PASS



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

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



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

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

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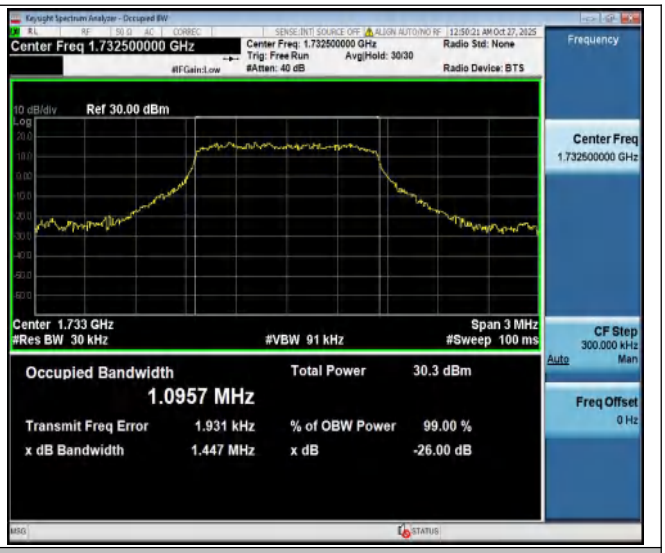
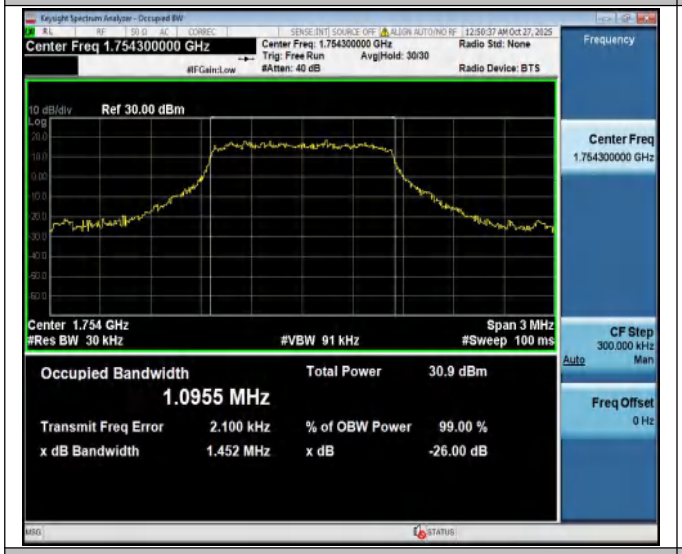
Band4-1.4MHz-16QAM-19957-6RB#0-PASS

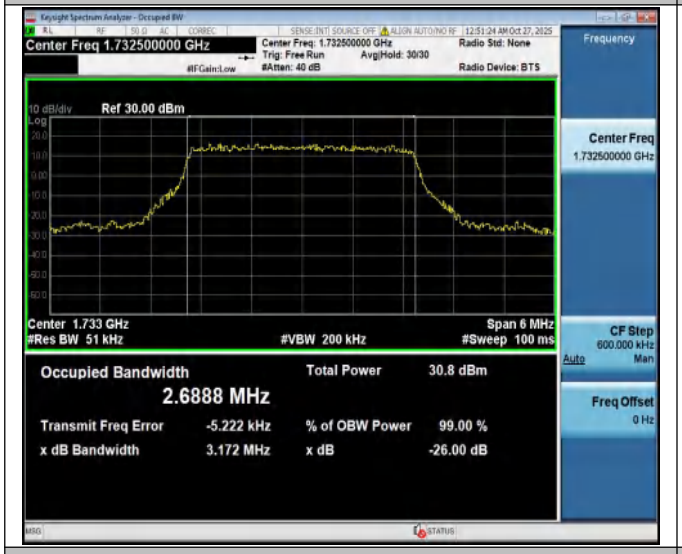


Band4-1.4MHz-16QAM-20175-6RB#0-PASS

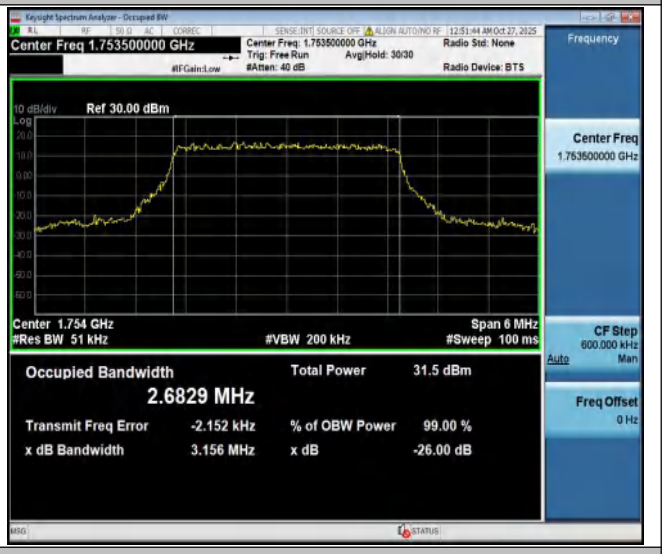


Band4-1.4MHz-16QAM-20393-6RB#0-PASS

Band4-3MHz-16QAM-19965-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



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

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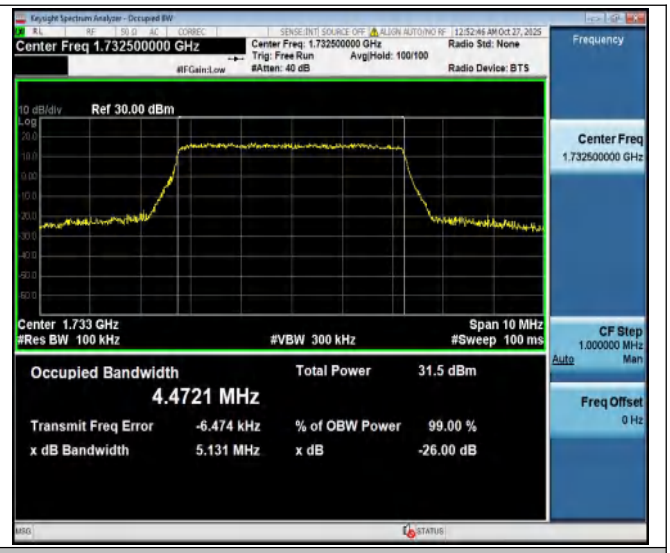
Band4-5MHz-16QAM-19975-25RB#0-PASS



Band4-5MHz-16QAM-20175-25RB#0-PASS

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

Band4-10MHz-16QAM-20000-27RB#0-PASS

Band4-10MHz-16QAM-20175-27RB#0-PASS

Band4-10MHz-16QAM-20350-27RB#0-PASS

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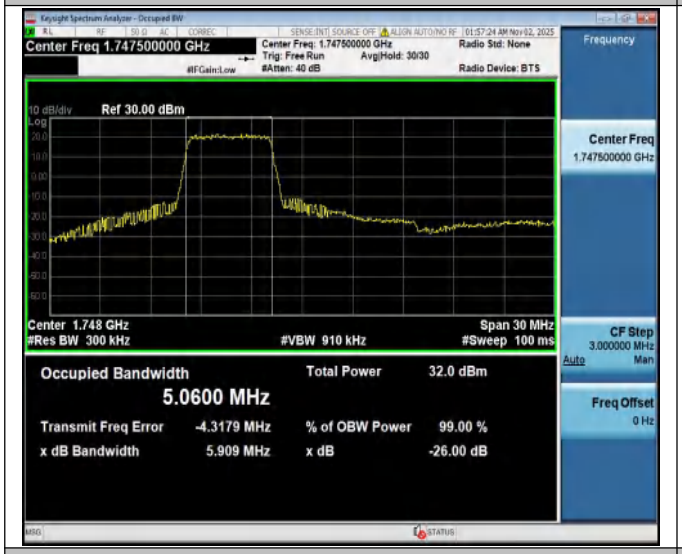
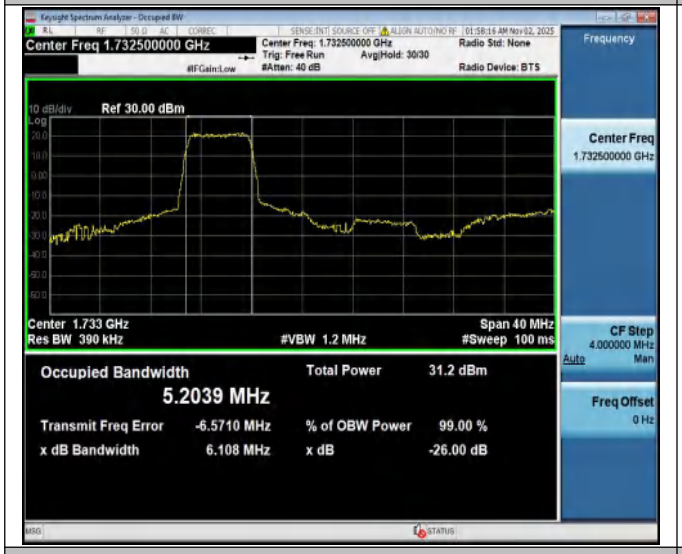
Band4-15MHz-16QAM-20025-27RB#0-PASS

Band4-15MHz-16QAM-20175-27RB#0-PASS



Band4-15MHz-16QAM-20325-27RB#0-PASS

Band4-20MHz-16QAM-20050-27RB#0-PASS



Band4-20MHz-16QAM-20175-27RB#0-PASS

Band4-20MHz-16QAM-20300-27RB#0-PASS

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Band Edge

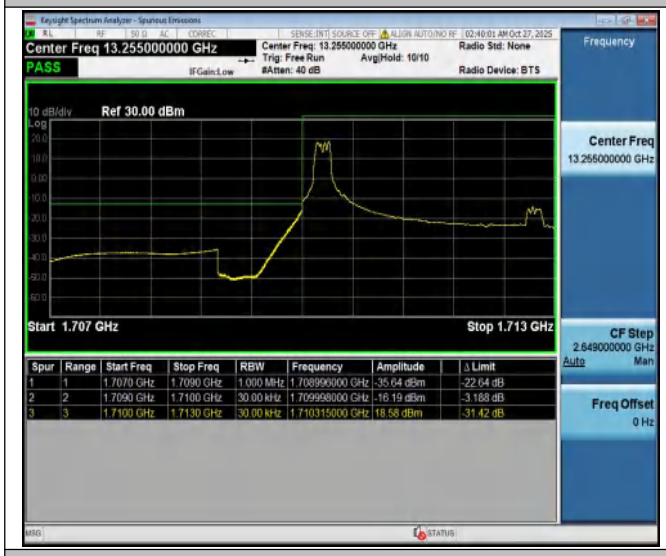
Test Graphs

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

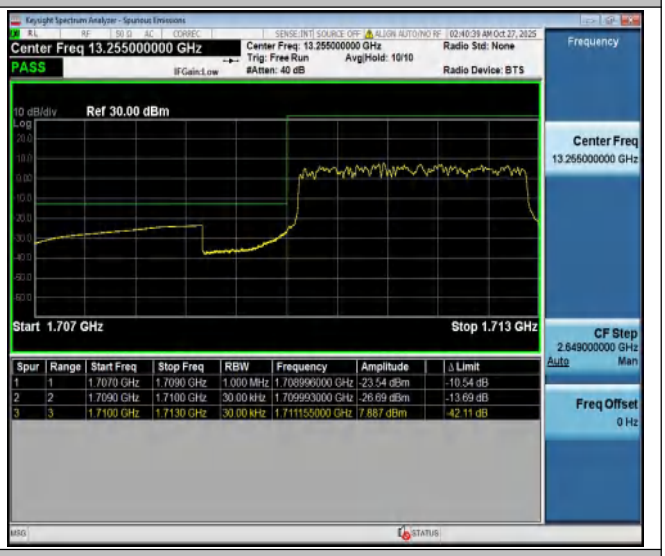
Band4-1.4MHz-QPSK-19957-6RB#0-PASS

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

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



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



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

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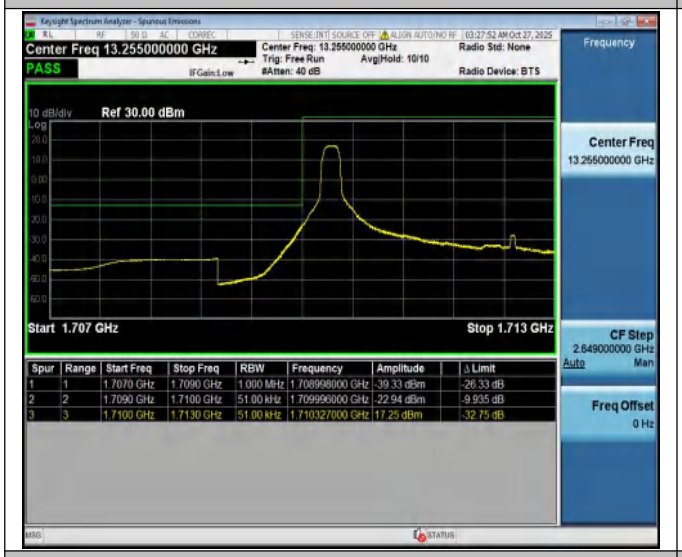
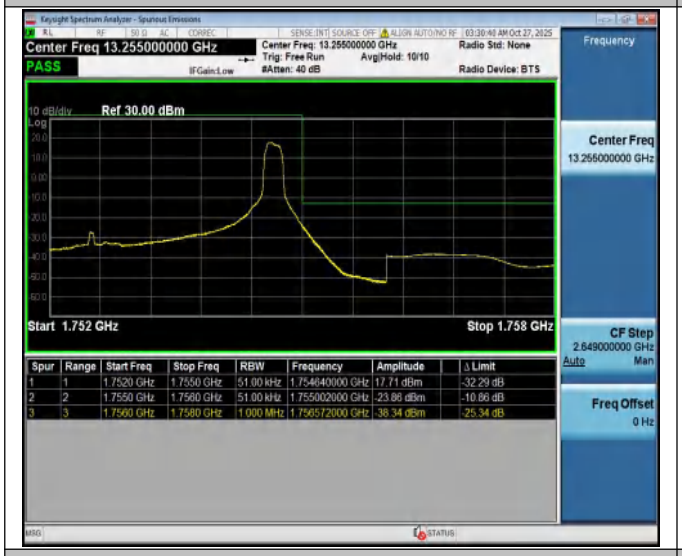
Band4-3MHz-QPSK-20385-1RB#14-PASS

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



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

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



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

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

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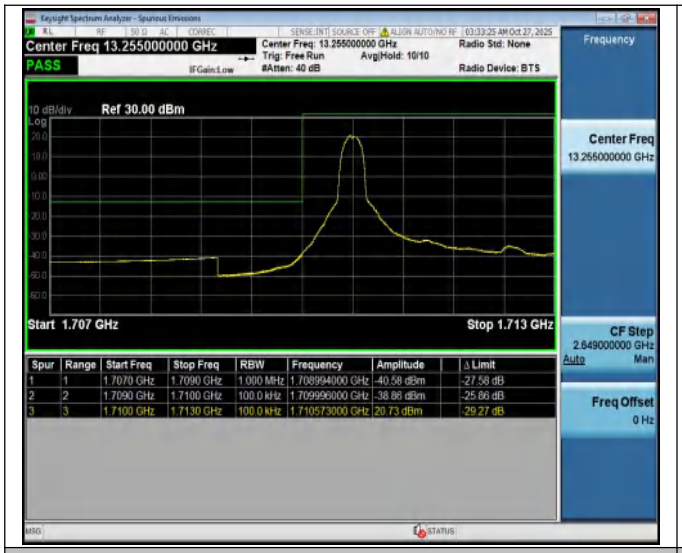
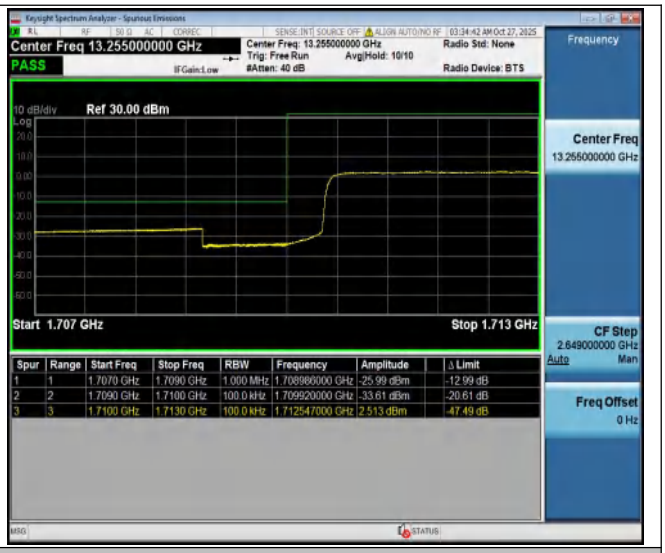
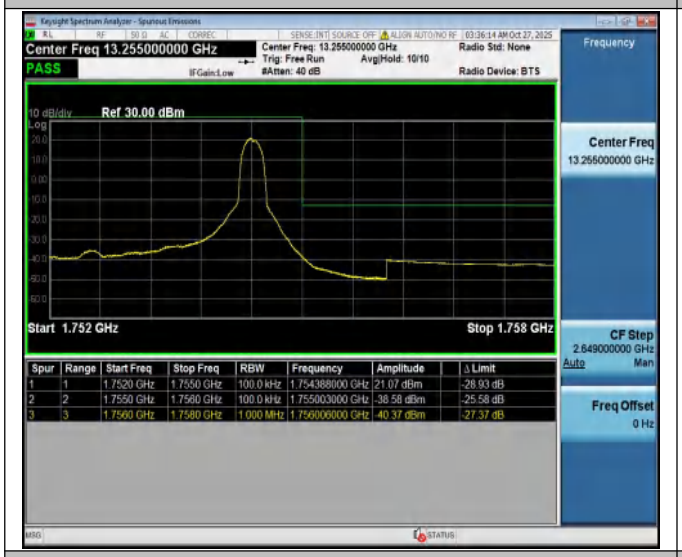


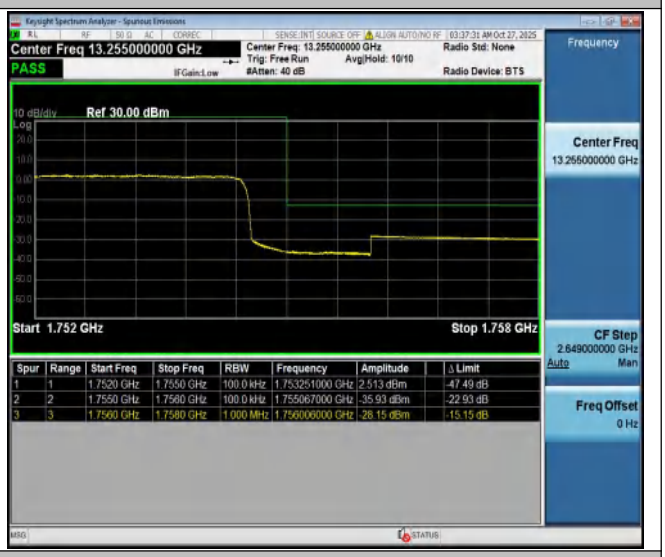
Band4-10MHz-QPSK-20000-1RB#0-PASS



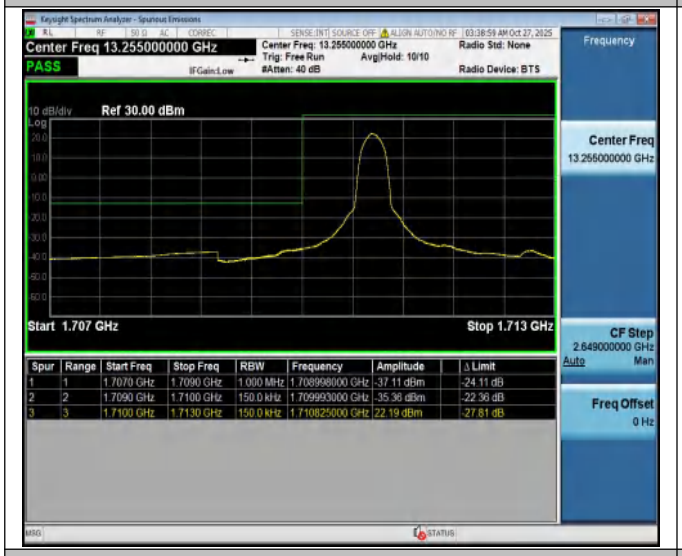
Band4-10MHz-QPSK-20000-50RB#0-PASS



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



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



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

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

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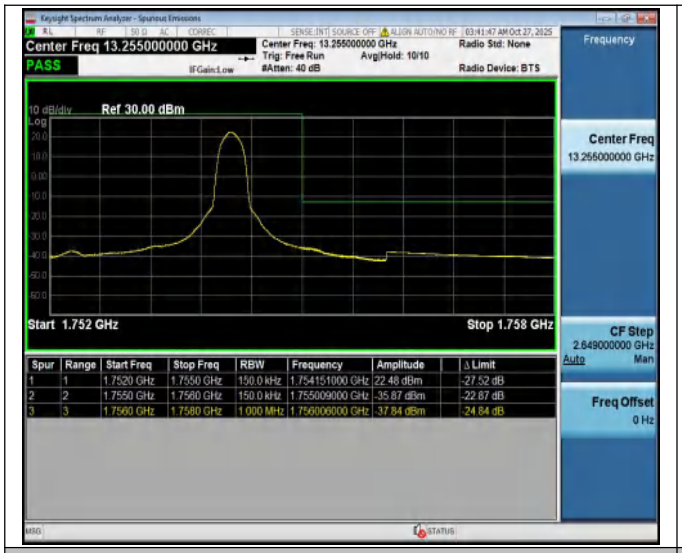
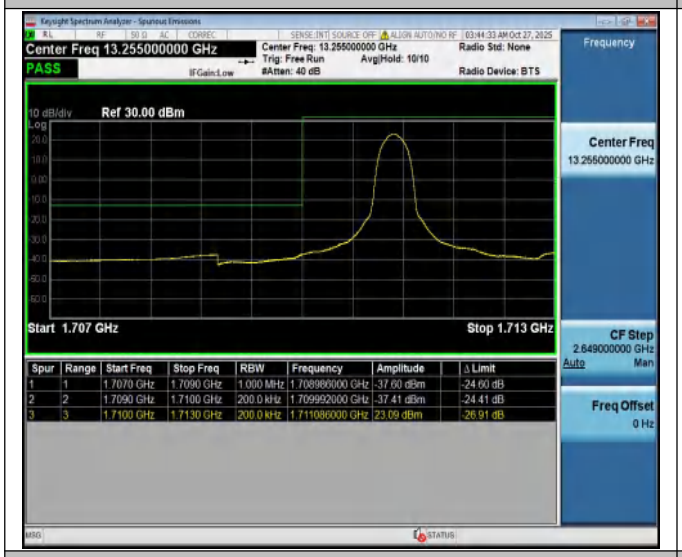


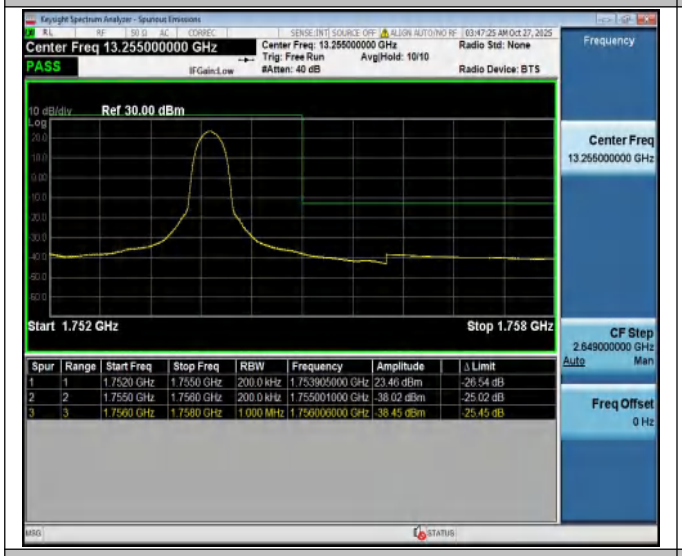
Band4-15MHz-QPSK-20325-1RB#74-PASS

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



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

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



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

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

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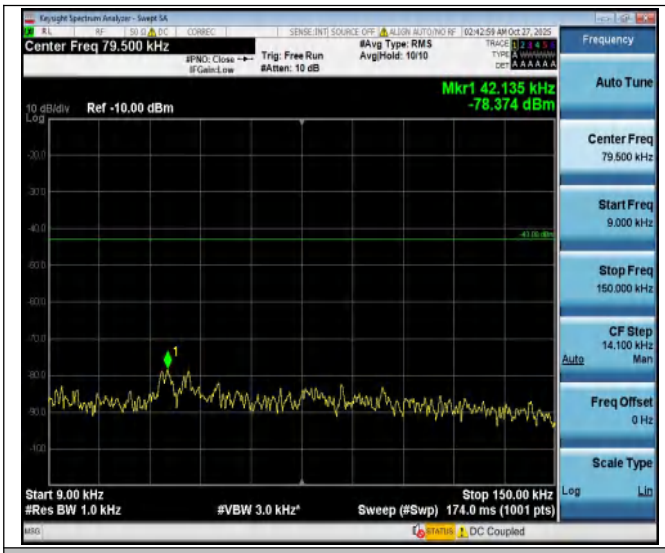
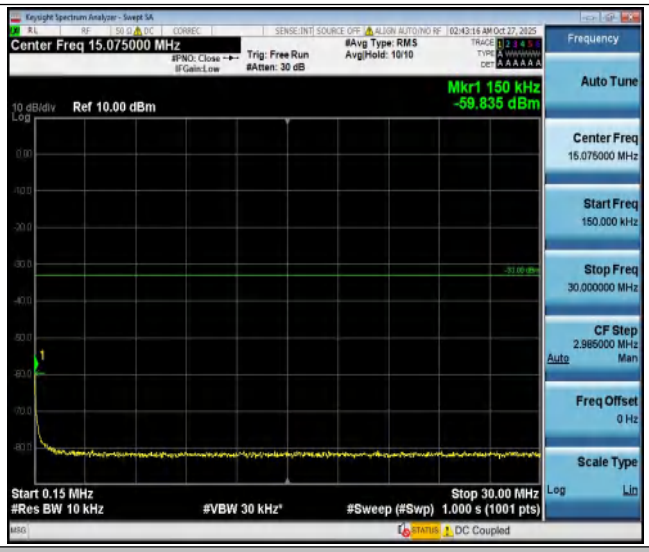
Conducted Spurious Emission

Test Graphs



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

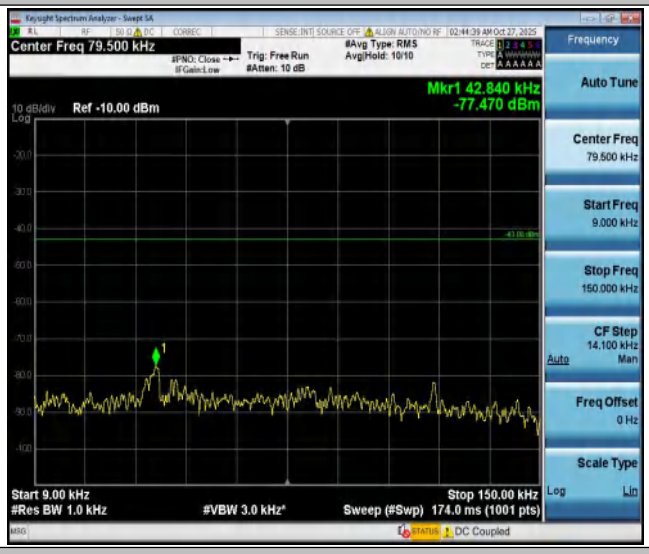


Band4-20MHz-QPSK-20050-1RB#0-0.15~30-PASS

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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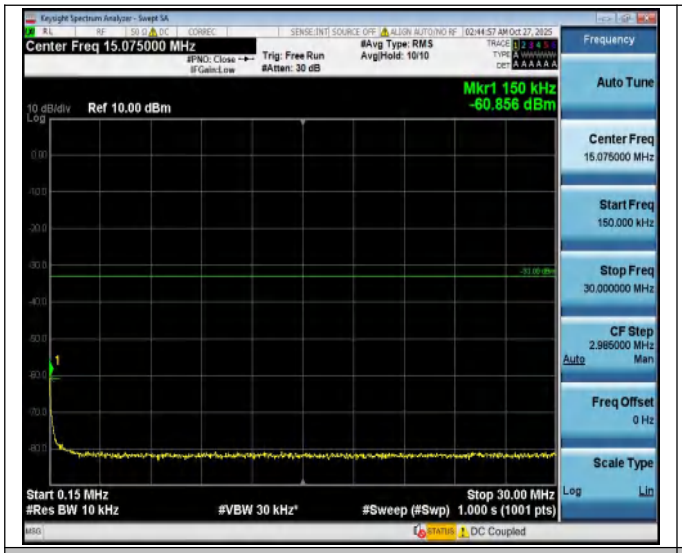
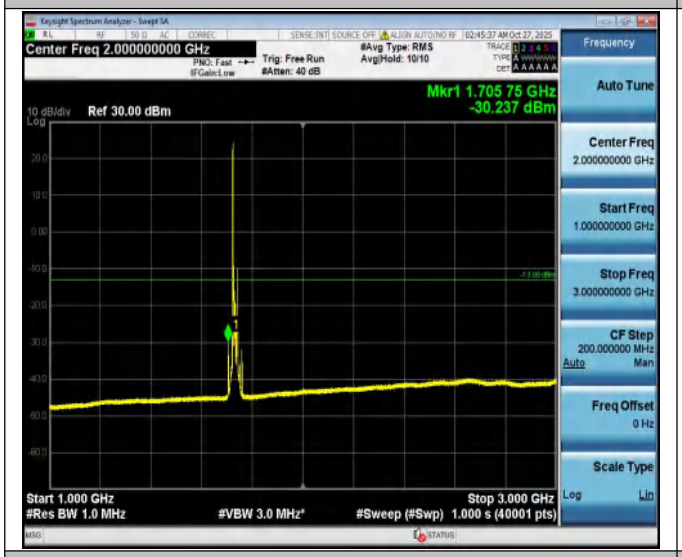


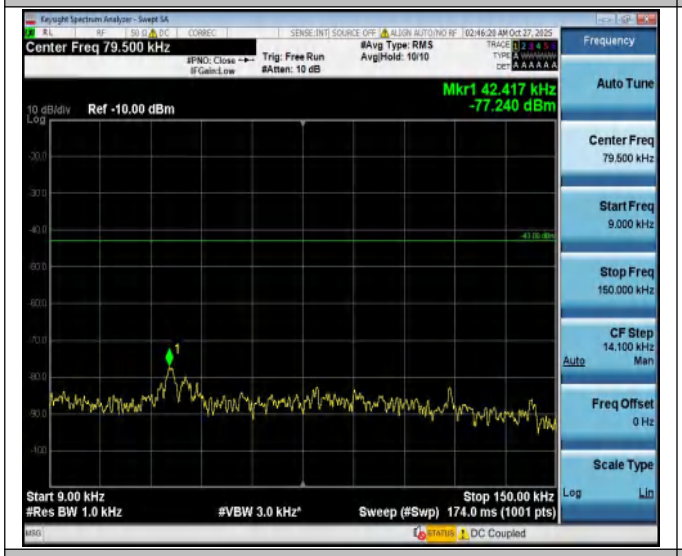
Band4-20MHz-QPSK-20175-1RB#0-0.15~30-PASS

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

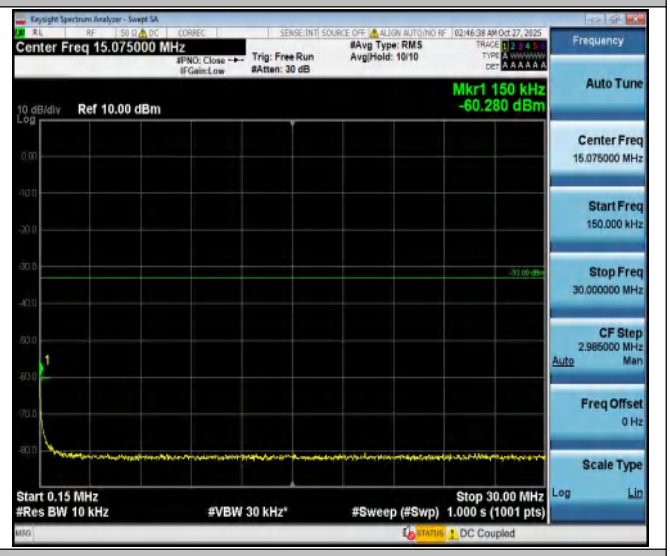


Band4-20MHz-QPSK-20175-1RB#0-1000~3000-PASS

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	-8.18	-0.004722	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	5.95	0.003434	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	6.88	0.003971	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	8.38	0.004837	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	8.73	0.005039	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-7.00	-0.004040	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-2.75	-0.001587	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-5.91	-0.003411	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-5.52	-0.003186	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	3.13	0.001807	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-5.09	-0.002938	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	4.43	0.002557	PASS

~The End~

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