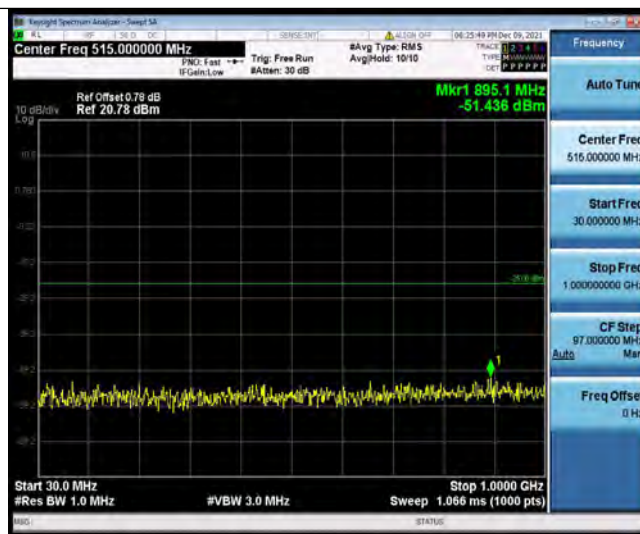
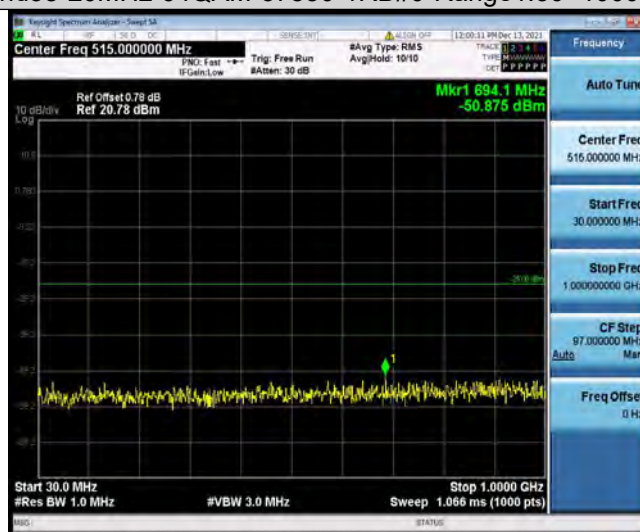




Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~27000MHz



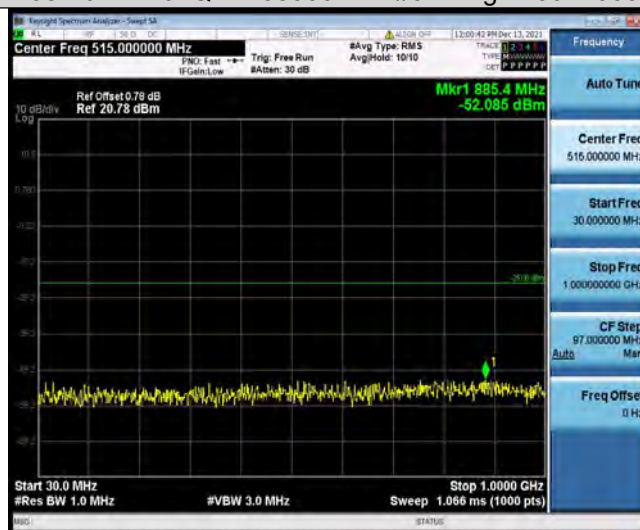
Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~27000MHz



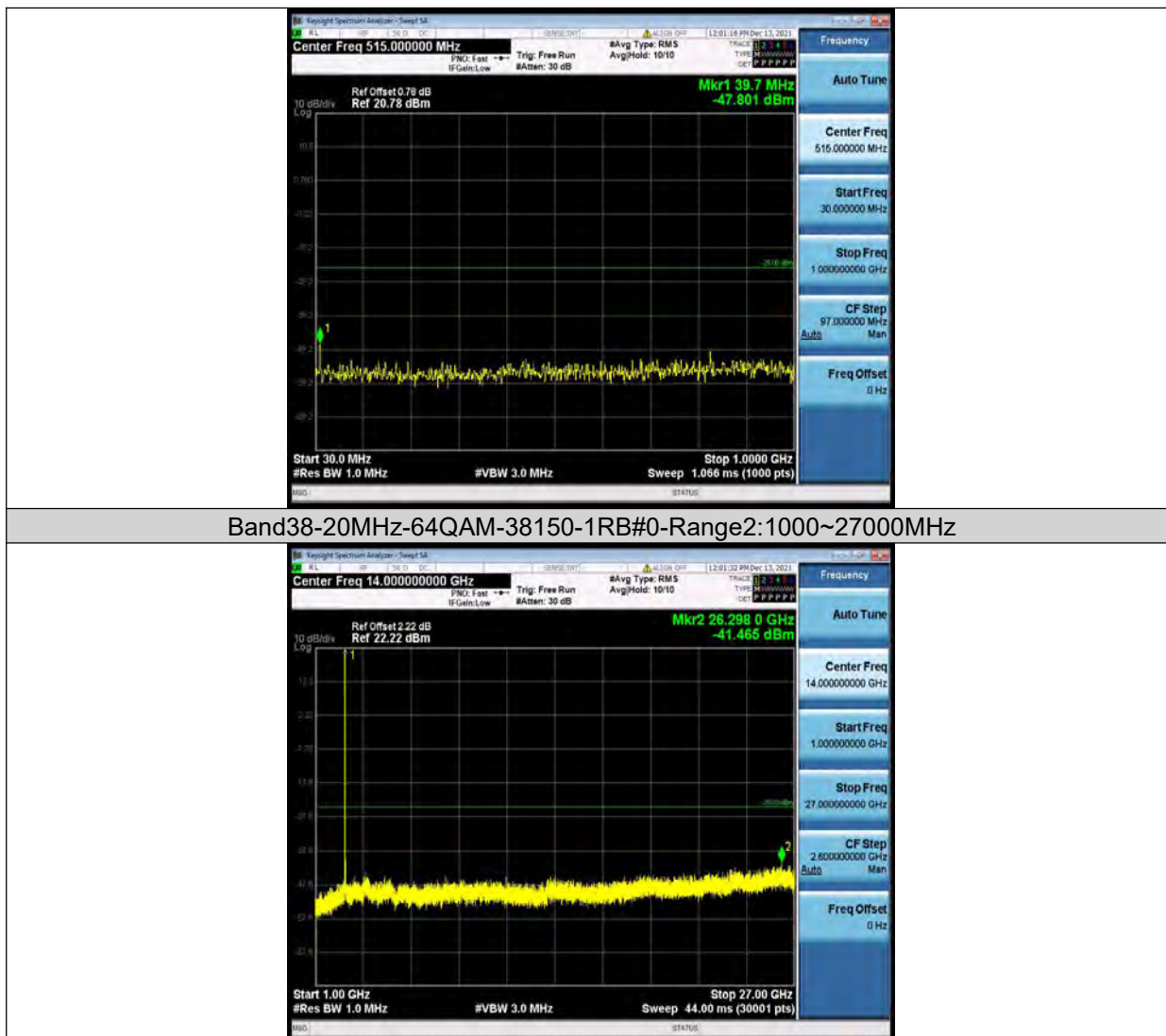
Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~27000MHz



Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz





Test Report No.: W7L-P21100018-4RF06

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	25.18	0.009788	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	-29.95	-0.011642	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	41.20	0.016016	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-17.14	-0.006605	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	25.89	0.009977	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-34.35	-0.013237	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-29.65	-0.011328	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-17.19	-0.006567	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-42.40	-0.016199	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	24.33	0.009458	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	43.77	0.017015	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	42.01	0.016330	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-16.28	-0.006274	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-22.72	-0.008755	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	27.92	0.010759	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-34.49	-0.013177	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-47.56	-0.018170	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-13.52	-0.005165	±2.5	PASS
Band38	5MHz	64QAM	37775	25RB#0	VL	NT	-16.02	-0.006227	±2.5	PASS
Band38	5MHz	64QAM	37775	25RB#0	VN	NT	-8.68	-0.003374	±2.5	PASS
Band38	5MHz	64QAM	37775	25RB#0	VH	NT	-27.32	-0.010620	±2.5	PASS



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Band3 8	5MHz	64QAM	38000	25RB#0	VL	NT	-37.74	-0.014543	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	VN	NT	-38.75	-0.014933	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	VH	NT	-34.39	-0.013252	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	VL	NT	57.66	0.022029	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	VN	NT	43.40	0.016581	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	VH	NT	34.40	0.013142	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VL	NT	65.09	0.025278	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VN	NT	-14.22	-0.005522	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	VH	NT	16.25	0.006311	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VL	NT	-45.18	-0.017410	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VN	NT	-35.99	-0.013869	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	VH	NT	-23.66	-0.009118	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VL	NT	10.60	0.004054	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VN	NT	-17.54	-0.006707	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	VH	NT	-30.10	-0.011511	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VL	NT	38.19	0.014831	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VN	NT	53.87	0.020920	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	VH	NT	45.30	0.017592	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VL	NT	-22.97	-0.008852	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VN	NT	-30.20	-0.011638	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	VH	NT	-21.41	-0.008250	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VL	NT	-38.37	-0.014673	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VN	NT	-57.41	-0.021954	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	VH	NT	-29.98	-0.011465	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	VL	NT	-29.28	-0.011371	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	VN	NT	-37.81	-0.014683	±2.5	PASS
Band3	10MHz	64QAM	37800	50RB#0	VH	NT	15.69	0.006093	±2.5	PASS



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Band3 8	10MHz	64QAM	38000	50RB#0	VL	NT	61.53	0.023711	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	VN	NT	37.98	0.014636	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	VH	NT	44.39	0.017106	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	VL	NT	59.14	0.022616	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	VN	NT	-37.91	-0.014497	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	VH	NT	43.67	0.016700	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VL	NT	-17.84	-0.006921	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VN	NT	24.10	0.009350	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	VH	NT	44.20	0.017148	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VL	NT	29.77	0.011472	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VN	NT	-28.18	-0.010859	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	VH	NT	29.07	0.011202	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VL	NT	39.54	0.015135	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VN	NT	33.09	0.012666	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	VH	NT	54.39	0.020819	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VL	NT	66.06	0.025629	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VN	NT	28.97	0.011240	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	VH	NT	51.68	0.020050	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VL	NT	29.81	0.011487	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VN	NT	-16.78	-0.006466	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	VH	NT	54.49	0.020998	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VL	NT	-35.15	-0.013455	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VN	NT	-34.20	-0.013091	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	VH	NT	-20.53	-0.007858	±2.5	PASS
Band3 8	15MHz	64QAM	37825	75RB#0	VL	NT	-26.71	-0.010363	±2.5	PASS
Band3 8	15MHz	64QAM	37825	75RB#0	VN	NT	-67.55	-0.026208	±2.5	PASS



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Band3 8	15MHz	64QAM	37825	75RB#0	VH	NT	-47.06	-0.018258	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	VL	NT	-43.20	-0.016647	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	VN	NT	-25.86	-0.009965	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	VH	NT	15.66	0.006035	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	VL	NT	-11.24	-0.004302	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	VN	NT	21.83	0.008356	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	VH	NT	13.55	0.005187	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VL	NT	8.64	0.003349	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VN	NT	-18.73	-0.007260	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	VH	NT	31.69	0.012283	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VL	NT	-16.68	-0.006428	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VN	NT	-20.44	-0.007877	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	VH	NT	-38.14	-0.014697	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	VL	NT	-17.27	-0.006617	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	VN	NT	-33.37	-0.012785	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	VH	NT	-60.51	-0.023184	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VL	NT	36.35	0.014089	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VN	NT	-24.63	-0.009547	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	VH	NT	53.43	0.020709	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VL	NT	-36.13	-0.013923	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VN	NT	-43.70	-0.016840	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	VH	NT	26.22	0.010104	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VL	NT	-9.06	-0.003471	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VN	NT	-65.22	-0.024989	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	VH	NT	50.64	0.019402	±2.5	PASS
Band3 8	20MHz	64QAM	37850	100RB#0	VL	NT	-56.66	-0.021961	±2.5	PASS
Band3	20MHz	64QAM	37850	100RB#0	VN	NT	6.62	0.002566	±2.5	PASS



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Band3 8	20MHz	64QAM	37850	100RB#0	VH	NT	35.29	0.013678	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	VL	NT	-53.03	-0.020435	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	VN	NT	-45.69	-0.017607	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	VH	NT	-25.94	-0.009996	±2.5	PASS
Band3 8	20MHz	64QAM	38150	100RB#0	VL	NT	29.10	0.011149	±2.5	PASS
Band3 8	20MHz	64QAM	38150	100RB#0	VN	NT	13.43	0.005146	±2.5	PASS
Band3 8	20MHz	64QAM	38150	100RB#0	VH	NT	52.90	0.020268	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band3 8	5MHz	QPSK	37775	25RB#0	NV	-30	21.63	0.008408	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	-20	34.33	0.013345	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	0	48.07	0.018686	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	10	51.27	0.019930	±2.5	PASS
Band3 8	5MHz	QPSK	37775	25RB#0	NV	20	33.75	0.013120	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	-30	18.17	0.007002	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	-20	-13.12	-0.005056	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	0	-36.02	-0.013881	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	10	-47.04	-0.018127	±2.5	PASS
Band3 8	5MHz	QPSK	38000	25RB#0	NV	20	-15.86	-0.006112	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	-30	-28.05	-0.010716	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	-20	-40.21	-0.015362	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	0	20.00	0.007641	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	10	12.40	0.004737	±2.5	PASS
Band3 8	5MHz	QPSK	38225	25RB#0	NV	20	-36.61	-0.013987	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	-30	-23.40	-0.009096	±2.5	PASS
Band3	5MHz	16QAM	37775	25RB#0	NV	-20	34.03	0.013228	±2.5	PASS



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Band3 8	5MHz	16QAM	37775	25RB#0	NV	0	69.49	0.027013	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	10	21.27	0.008268	±2.5	PASS
Band3 8	5MHz	16QAM	37775	25RB#0	NV	20	24.19	0.009403	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	-30	14.58	0.005618	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	-20	14.88	0.005734	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	0	40.05	0.015434	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	10	40.60	0.015645	±2.5	PASS
Band3 8	5MHz	16QAM	38000	25RB#0	NV	20	41.37	0.015942	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	-30	27.07	0.010342	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	-20	34.65	0.013238	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	0	38.92	0.014869	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	10	51.97	0.019855	±2.5	PASS
Band3 8	5MHz	16QAM	38225	25RB#0	NV	20	-14.58	-0.005570	±2.5	PASS
Band3 8	5MHz	64QAM	37775	25RB#0	NV	-30	-55.79	-0.021687	±2.5	PASS
Band3 8	5MHz	64QAM	37775	25RB#0	NV	-20	-43.83	-0.017038	±2.5	PASS
Band3 8	5MHz	64QAM	37775	25RB#0	NV	0	13.69	0.005322	±2.5	PASS
Band3 8	5MHz	64QAM	37775	25RB#0	NV	10	-33.69	-0.013096	±2.5	PASS
Band3 8	5MHz	64QAM	37775	25RB#0	NV	20	-56.26	-0.021870	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	NV	-30	-32.33	-0.012459	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	NV	-20	-15.32	-0.005904	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	NV	0	-43.44	-0.016740	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	NV	10	14.32	0.005518	±2.5	PASS
Band3 8	5MHz	64QAM	38000	25RB#0	NV	20	-10.34	-0.003985	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	NV	-30	57.46	0.021952	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	NV	-20	-11.01	-0.004206	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	NV	0	52.27	0.019969	±2.5	PASS



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Band3 8	5MHz	64QAM	38225	25RB#0	NV	10	-51.46	-0.019660	±2.5	PASS
Band3 8	5MHz	64QAM	38225	25RB#0	NV	20	-26.11	-0.009975	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	-30	13.53	0.005254	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	-20	30.54	0.011860	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	0	38.02	0.014765	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	10	-15.28	-0.005934	±2.5	PASS
Band3 8	10MHz	QPSK	37800	50RB#0	NV	20	31.94	0.012404	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	-30	-18.18	-0.007006	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	-20	24.09	0.009283	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	0	-35.49	-0.013676	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	10	-12.36	-0.004763	±2.5	PASS
Band3 8	10MHz	QPSK	38000	50RB#0	NV	20	-29.98	-0.011553	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	-30	-65.36	-0.024994	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	-20	-41.31	-0.015797	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	0	24.63	0.009419	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	10	-18.44	-0.007052	±2.5	PASS
Band3 8	10MHz	QPSK	38200	50RB#0	NV	20	-32.11	-0.012279	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	-30	13.05	0.005068	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	-20	28.64	0.011122	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	0	44.12	0.017134	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	10	-18.73	-0.007274	±2.5	PASS
Band3 8	10MHz	16QAM	37800	50RB#0	NV	20	19.93	0.007740	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	-30	17.55	0.006763	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	-20	32.03	0.012343	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	0	38.92	0.014998	±2.5	PASS
Band3 8	10MHz	16QAM	38000	50RB#0	NV	10	42.29	0.016297	±2.5	PASS
Band3	10MHz	16QAM	38000	50RB#0	NV	20	47.98	0.018489	±2.5	PASS



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8										
Band3 8	10MHz	16QAM	38200	50RB#0	NV	-30	-26.75	-0.010229	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	-20	-23.88	-0.009132	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	0	22.37	0.008554	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	10	20.79	0.007950	±2.5	PASS
Band3 8	10MHz	16QAM	38200	50RB#0	NV	20	30.20	0.011549	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	NV	-30	-12.23	-0.004750	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	NV	-20	46.92	0.018221	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	NV	0	43.63	0.016944	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	NV	10	35.25	0.013689	±2.5	PASS
Band3 8	10MHz	64QAM	37800	50RB#0	NV	20	16.34	0.006346	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	NV	-30	53.76	0.020717	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	NV	-20	55.50	0.021387	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	NV	0	-38.68	-0.014906	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	NV	10	-42.57	-0.016405	±2.5	PASS
Band3 8	10MHz	64QAM	38000	50RB#0	NV	20	-38.72	-0.014921	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	NV	-30	42.84	0.016382	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	NV	-20	44.90	0.017170	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	NV	0	40.87	0.015629	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	NV	10	47.26	0.018073	±2.5	PASS
Band3 8	10MHz	64QAM	38200	50RB#0	NV	20	-23.30	-0.008910	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	-30	45.20	0.017536	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	-20	32.09	0.012450	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	0	23.73	0.009207	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	10	24.18	0.009381	±2.5	PASS
Band3 8	15MHz	QPSK	37825	75RB#0	NV	20	18.73	0.007267	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	-30	-29.63	-0.011418	±2.5	PASS



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Band3 8	15MHz	QPSK	38000	75RB#0	NV	-20	-59.24	-0.022829	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	0	-12.70	-0.004894	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	10	-33.55	-0.012929	±2.5	PASS
Band3 8	15MHz	QPSK	38000	75RB#0	NV	20	-42.74	-0.016470	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	-30	30.61	0.011717	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	-20	30.36	0.011621	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	0	42.93	0.016433	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	10	-18.63	-0.007131	±2.5	PASS
Band3 8	15MHz	QPSK	38175	75RB#0	NV	20	-23.42	-0.008965	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	-30	12.26	0.004757	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	-20	42.77	0.016594	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	0	25.13	0.009750	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	10	40.93	0.015880	±2.5	PASS
Band3 8	15MHz	16QAM	37825	75RB#0	NV	20	48.91	0.018976	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	-30	48.44	0.018667	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	-20	-17.45	-0.006724	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	0	25.33	0.009761	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	10	27.65	0.010655	±2.5	PASS
Band3 8	15MHz	16QAM	38000	75RB#0	NV	20	54.70	0.021079	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	-30	-17.12	-0.006553	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	-20	21.54	0.008245	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	0	11.34	0.004341	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	10	43.27	0.016563	±2.5	PASS
Band3 8	15MHz	16QAM	38175	75RB#0	NV	20	40.73	0.015590	±2.5	PASS
Band3 8	15MHz	64QAM	37825	75RB#0	NV	-30	-54.46	-0.021129	±2.5	PASS
Band3 8	15MHz	64QAM	37825	75RB#0	NV	-20	-33.47	-0.012985	±2.5	PASS
Band3	15MHz	64QAM	37825	75RB#0	NV	0	10.34	0.004012	±2.5	PASS



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8										
Band3 8	15MHz	64QAM	37825	75RB#0	NV	10	-22.54	-0.008745	±2.5	PASS
Band3 8	15MHz	64QAM	37825	75RB#0	NV	20	-39.48	-0.015317	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	NV	-30	-31.49	-0.012135	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	NV	-20	-37.75	-0.014547	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	NV	0	-48.78	-0.018798	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	NV	10	-45.63	-0.017584	±2.5	PASS
Band3 8	15MHz	64QAM	38000	75RB#0	NV	20	-30.88	-0.011900	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	NV	-30	13.26	0.005076	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	NV	-20	18.60	0.007120	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	NV	0	14.39	0.005508	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	NV	10	-10.04	-0.003843	±2.5	PASS
Band3 8	15MHz	64QAM	38175	75RB#0	NV	20	-42.87	-0.016410	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	-30	29.38	0.011388	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	-20	49.21	0.019074	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	0	26.01	0.010081	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	10	49.87	0.019329	±2.5	PASS
Band3 8	20MHz	QPSK	37850	100RB#0	NV	20	13.26	0.005140	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	-30	-39.51	-0.015225	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	-20	-12.56	-0.004840	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	0	-56.02	-0.021588	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	10	-55.73	-0.021476	±2.5	PASS
Band3 8	20MHz	QPSK	38000	100RB#0	NV	20	-24.15	-0.009306	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	-30	-38.05	-0.014579	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	-20	13.56	0.005195	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	0	-36.98	-0.014169	±2.5	PASS
Band3 8	20MHz	QPSK	38150	100RB#0	NV	10	-17.71	-0.006785	±2.5	PASS



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Test Report No.: W7L-P21100018-4RF06

Band3 8	20MHz	QPSK	38150	100RB#0	NV	20	-36.61	-0.014027	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	-30	66.93	0.025942	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	-20	29.68	0.011504	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	0	61.50	0.023837	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	10	40.00	0.015504	±2.5	PASS
Band3 8	20MHz	16QAM	37850	100RB#0	NV	20	55.49	0.021508	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	-30	50.50	0.019461	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	-20	-17.78	-0.006852	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	0	26.46	0.010197	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	10	50.74	0.019553	±2.5	PASS
Band3 8	20MHz	16QAM	38000	100RB#0	NV	20	59.58	0.022960	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	-30	60.91	0.023337	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	-20	27.54	0.010552	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	0	50.88	0.019494	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	10	-22.17	-0.008494	±2.5	PASS
Band3 8	20MHz	16QAM	38150	100RB#0	NV	20	13.98	0.005356	±2.5	PASS
Band3 8	20MHz	64QAM	37850	100RB#0	NV	-30	32.83	0.012725	±2.5	PASS
Band3 8	20MHz	64QAM	37850	100RB#0	NV	-20	58.34	0.022612	±2.5	PASS
Band3 8	20MHz	64QAM	37850	100RB#0	NV	0	53.19	0.020616	±2.5	PASS
Band3 8	20MHz	64QAM	37850	100RB#0	NV	10	43.42	0.016829	±2.5	PASS
Band3 8	20MHz	64QAM	37850	100RB#0	NV	20	50.34	0.019512	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	NV	-30	-22.82	-0.008794	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	NV	-20	-29.17	-0.011241	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	NV	0	-10.63	-0.004096	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	NV	10	-48.19	-0.018570	±2.5	PASS
Band3 8	20MHz	64QAM	38000	100RB#0	NV	20	-23.60	-0.009094	±2.5	PASS
Band3	20MHz	64QAM	38150	100RB#0	NV	-30	56.42	0.021617	±2.5	PASS



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Test Report No.: W7L-P21100018-4RF06

8										
Band3 8	20MHz	64QAM	38150	100RB#0	NV	-20	65.35	0.025038	±2.5	PASS
Band3 8	20MHz	64QAM	38150	100RB#0	NV	0	69.08	0.026467	±2.5	PASS
Band3 8	20MHz	64QAM	38150	100RB#0	NV	10	46.85	0.017950	±2.5	PASS
Band3 8	20MHz	64QAM	38150	100RB#0	NV	20	53.72	0.020582	±2.5	PASS

Appendix C: LTE BAND 41

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	5.83	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.55	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	6.36	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.56	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.46	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.35	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	6.17	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.21	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.47	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.14	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	6.15	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.99	13	PASS
Band41	5MHz	64QAM	39675	1RB#0	5.28	13	PASS
Band41	5MHz	64QAM	39675	25RB#0	5.53	13	PASS
Band41	5MHz	64QAM	40620	1RB#0	5.68	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	5.49	13	PASS
Band41	5MHz	64QAM	41565	1RB#0	4.84	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.95	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.93	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.65	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.58	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.64	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	5.92	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.49	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	6.49	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.37	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.89	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.22	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	6.06	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.18	13	PASS
Band41	10MHz	64QAM	39700	1RB#0	5.45	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	5.61	13	PASS
Band41	10MHz	64QAM	40620	1RB#0	5.72	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	5.55	13	PASS
Band41	10MHz	64QAM	41540	1RB#0	4.48	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	5.13	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	5.98	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.98	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	6.47	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.02	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	5.27	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.78	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	7.14	13	PASS



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Test Report No.: W7L-P21100018-4RF06

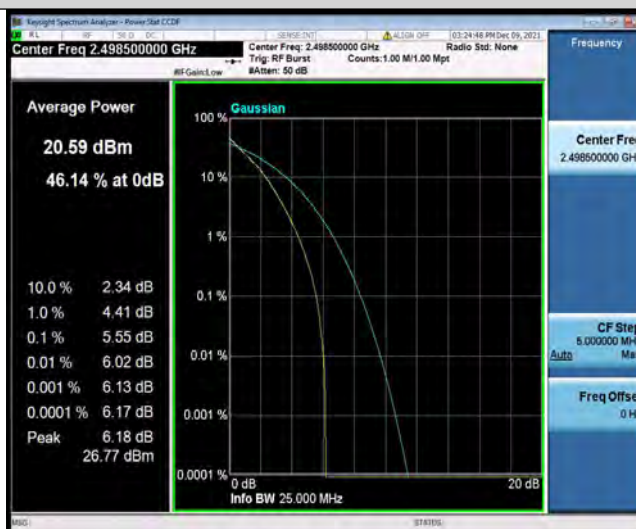
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Band41	15MHz	16QAM	41515	1RB#0	6.32	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.30	13	PASS
Band41	15MHz	64QAM	39725	1RB#0	5.53	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	5.92	13	PASS
Band41	15MHz	64QAM	40620	1RB#0	5.76	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	6.00	13	PASS
Band41	15MHz	64QAM	41515	1RB#0	4.44	13	PASS
Band41	15MHz	64QAM	41515	75RB#0	5.61	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	5.13	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.64	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	5.94	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.74	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	5.91	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.54	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.87	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.33	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	6.38	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.37	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.61	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.26	13	PASS
Band41	20MHz	64QAM	39750	1RB#0	5.47	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	5.67	13	PASS
Band41	20MHz	64QAM	40620	1RB#0	5.77	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	5.75	13	PASS
Band41	20MHz	64QAM	41490	1RB#0	5.11	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	5.48	13	PASS

Test Graphs

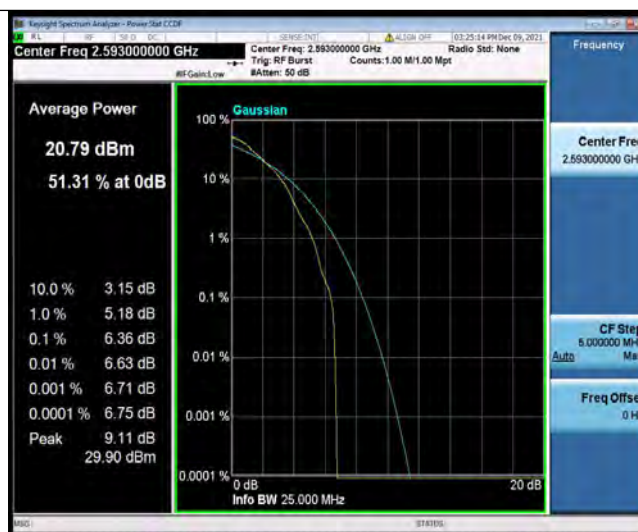
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Band41-5MHz-QPSK-39675-25RB#0



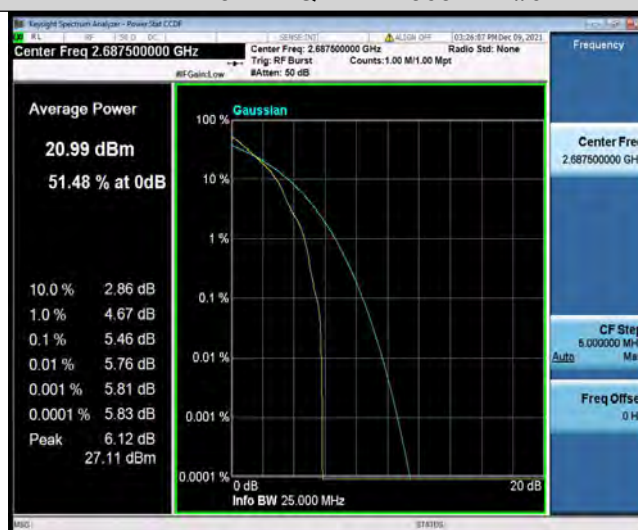
Band41-5MHz-QPSK-40620-1RB#0



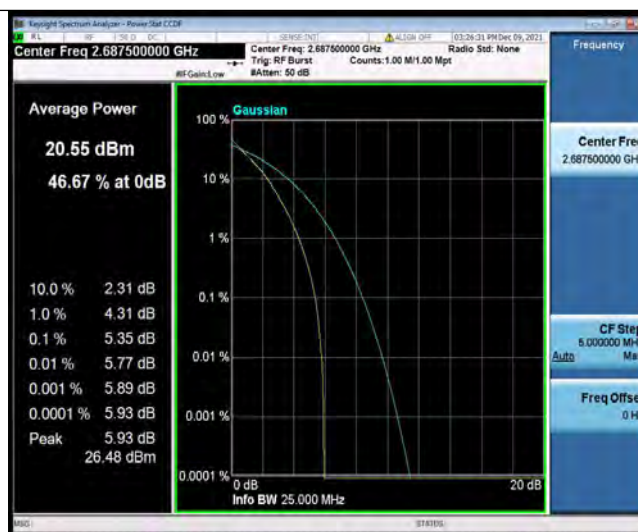
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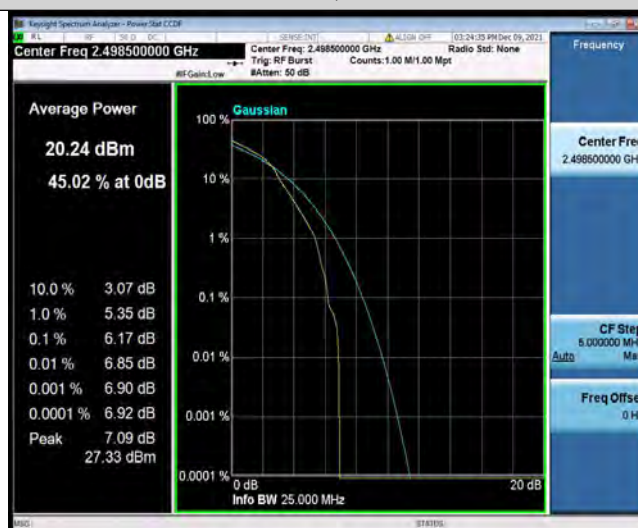
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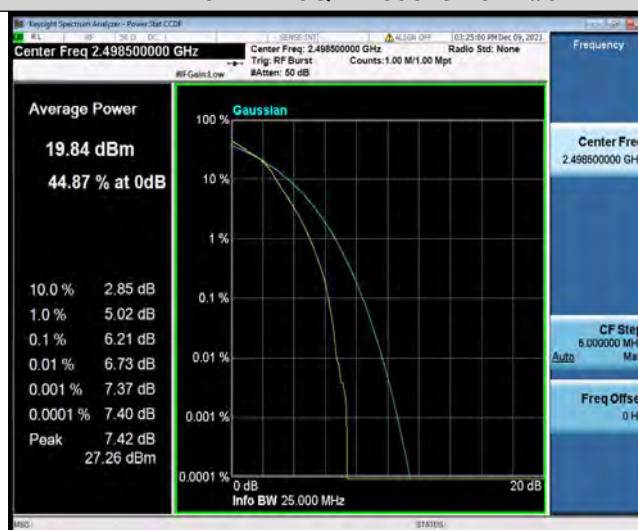
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Band41-5MHz-16QAM-39675-1RB#0



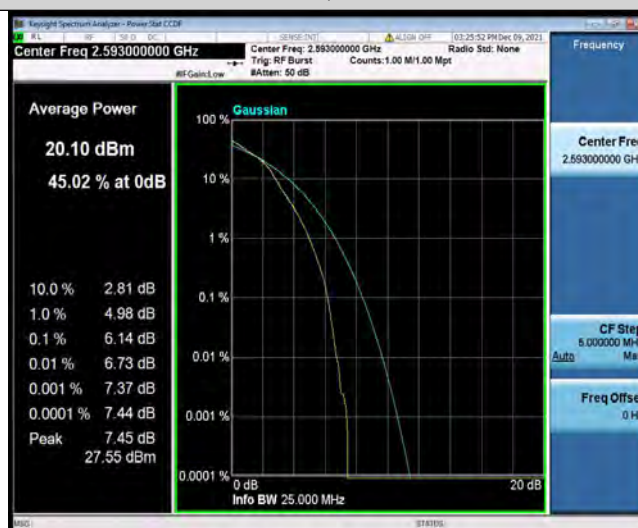
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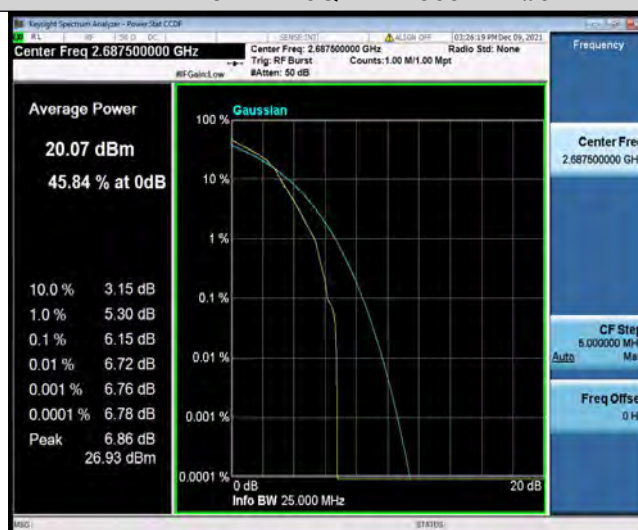
Band41-5MHz-16QAM-40620-1RB#0



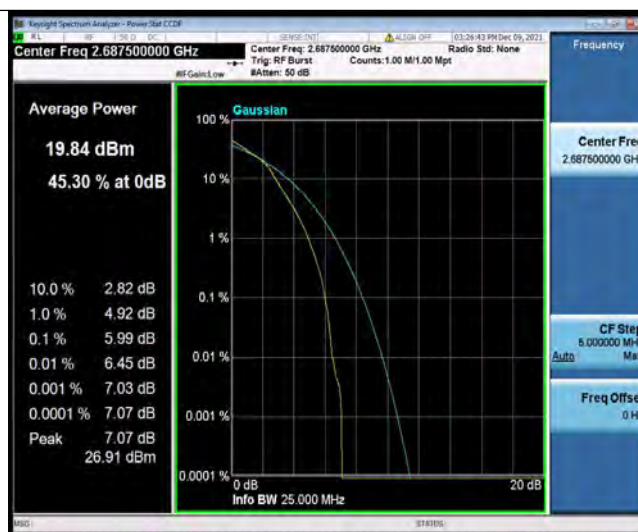
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Band41-5MHz-16QAM-41565-1RB#0



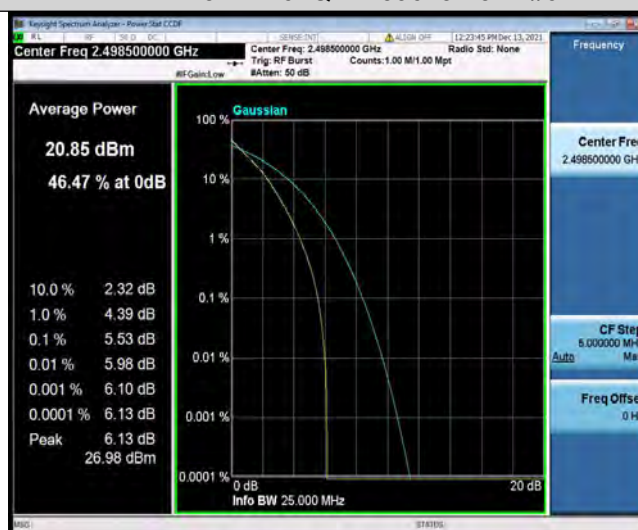
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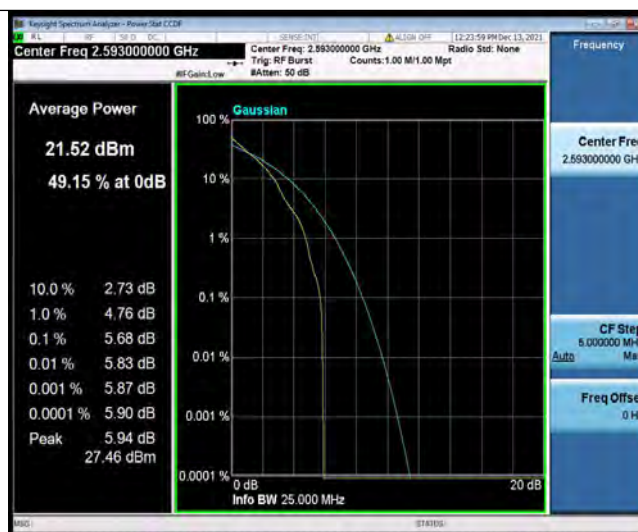
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Band41-5MHz-64QAM-39675-25RB#0



Band41-5MHz-64QAM-40620-1RB#0



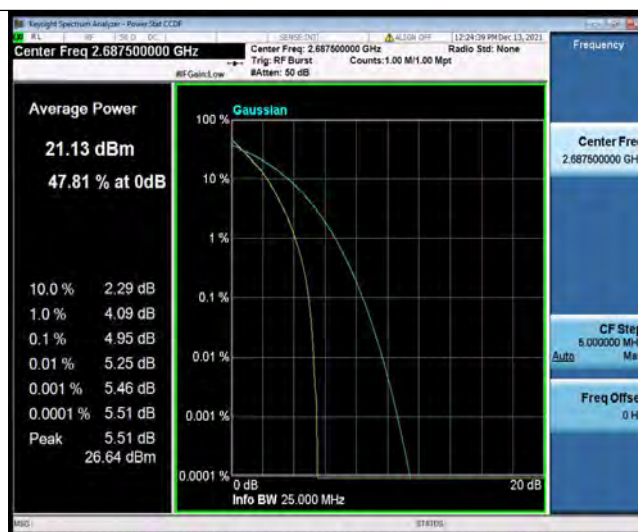
Band41-5MHz-64QAM-40620-25RB#0



Band41-5MHz-64QAM-41565-1RB#0



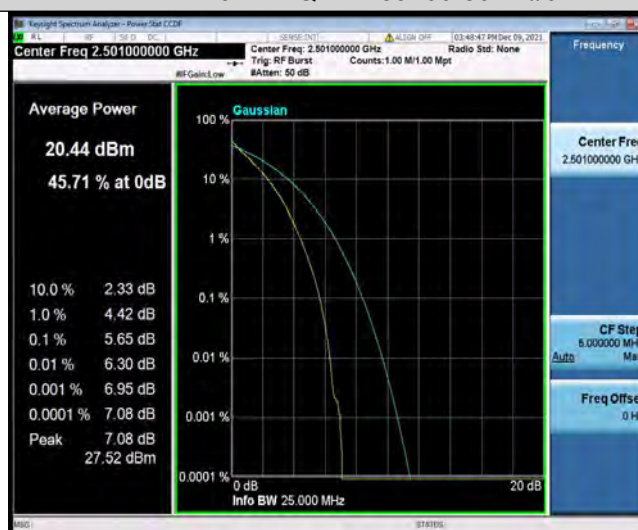
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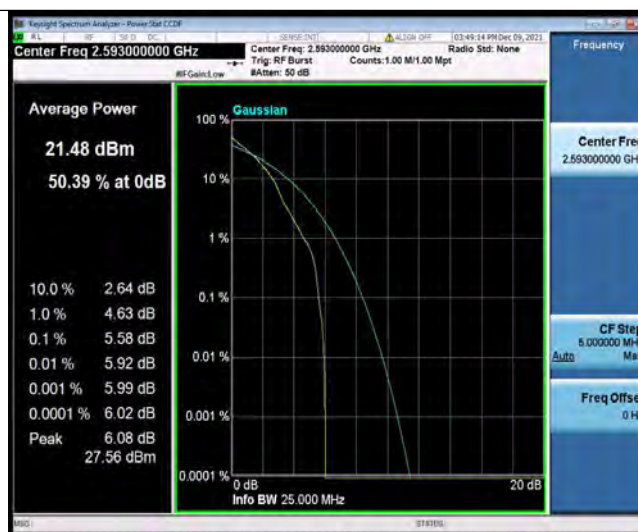
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Band41-10MHz-QPSK-39700-50RB#0



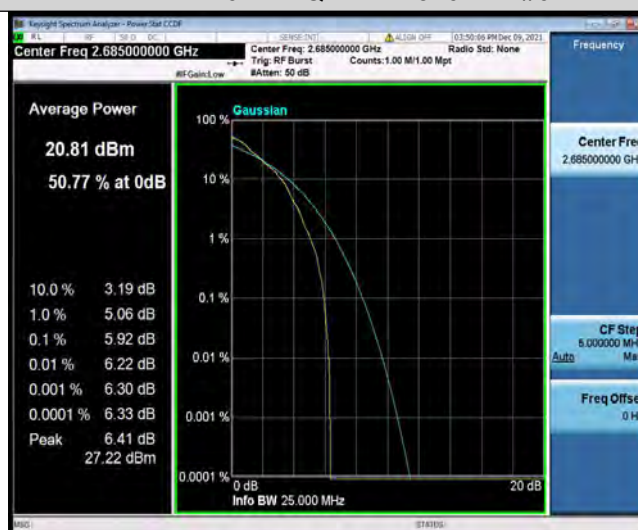
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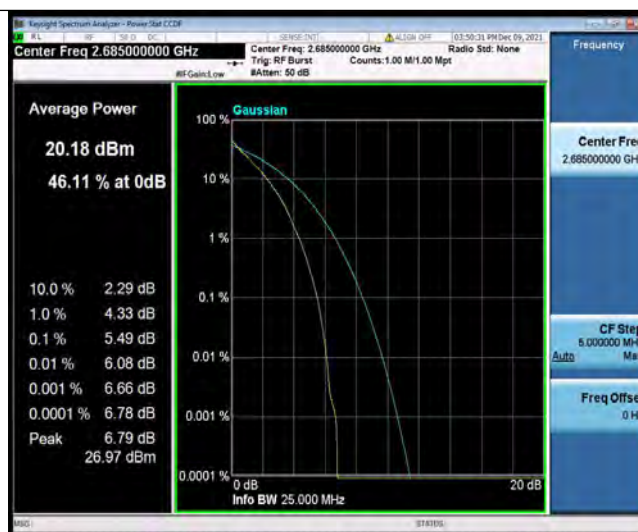
Band41-10MHz-QPSK-40620-50RB#0



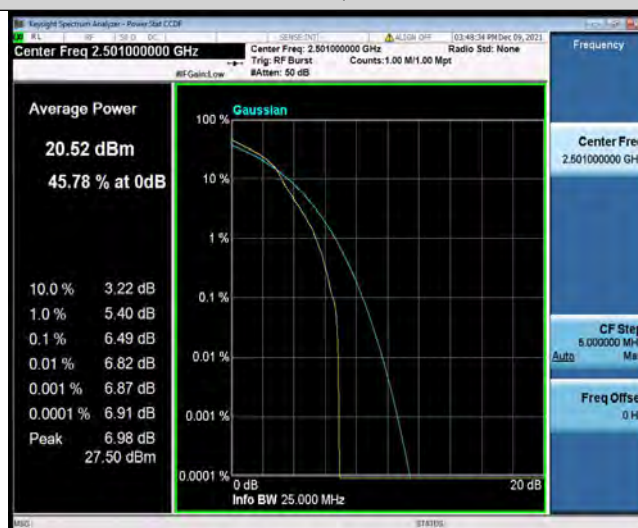
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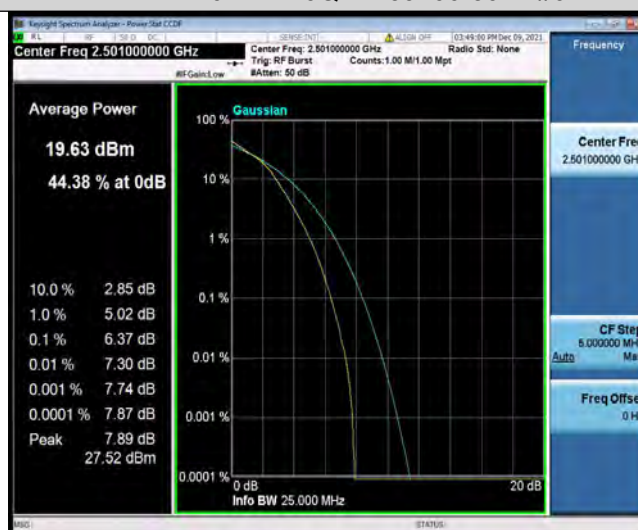
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Band41-10MHz-16QAM-39700-1RB#0



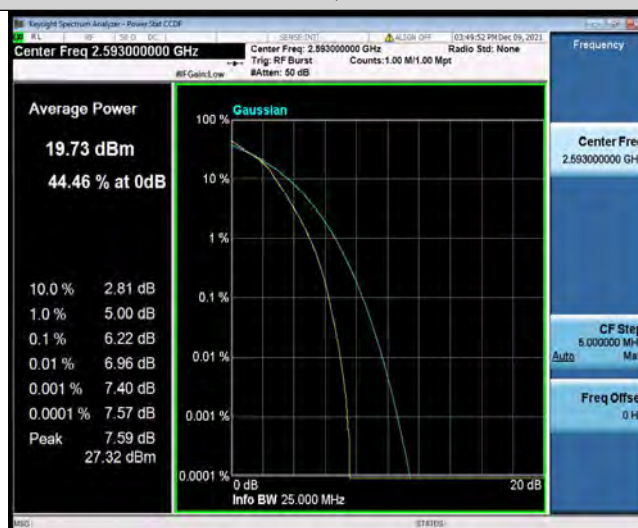
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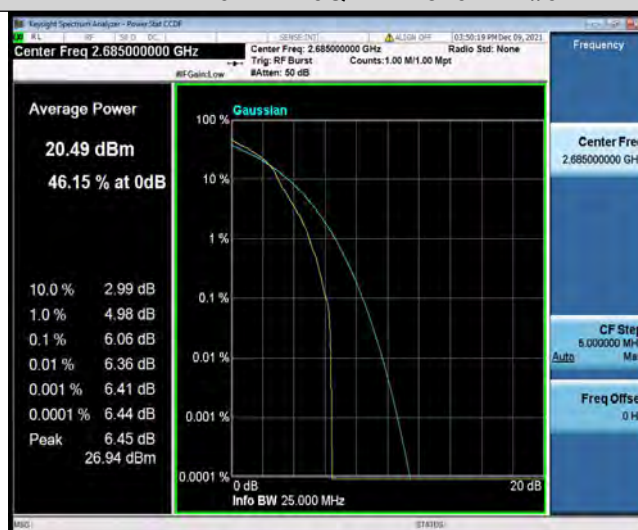
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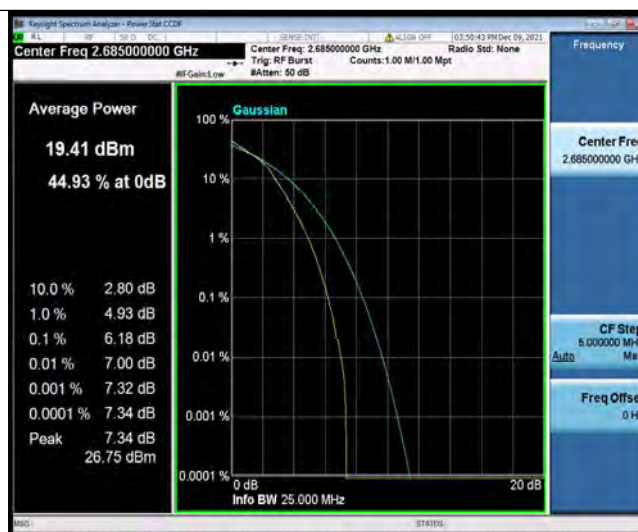
Band41-10MHz-16QAM-40620-50RB#0



Band41-10MHz-16QAM-41540-1RB#0



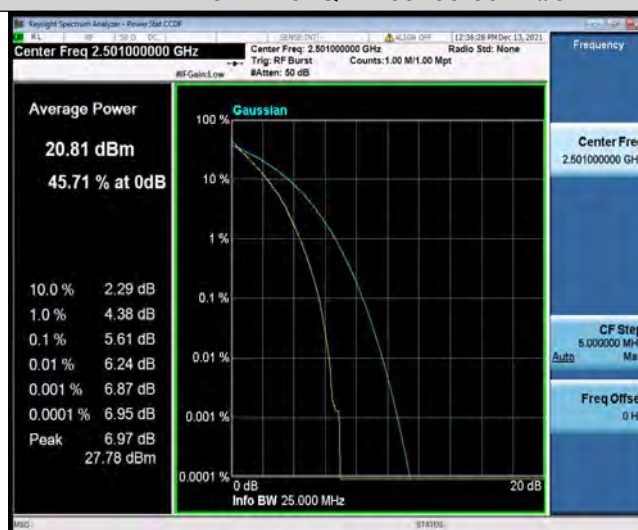
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Band41-10MHz-64QAM-39700-1RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-40620-1RB#0



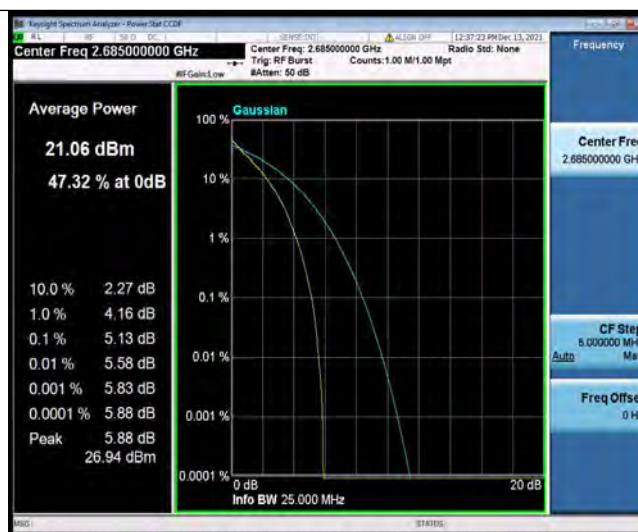
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Band41-10MHz-64QAM-41540-1RB#0



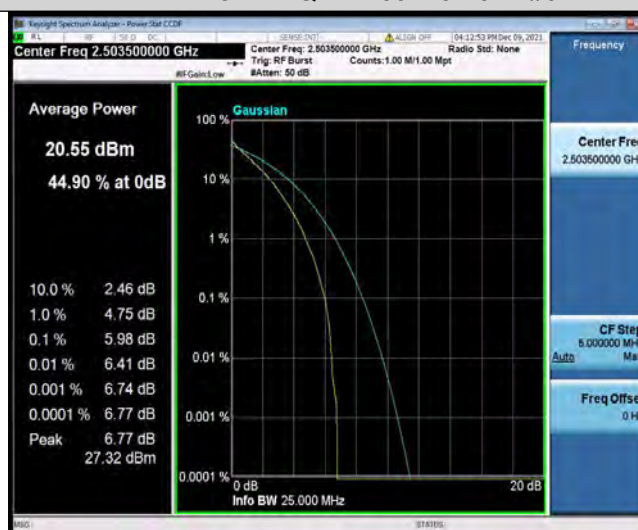
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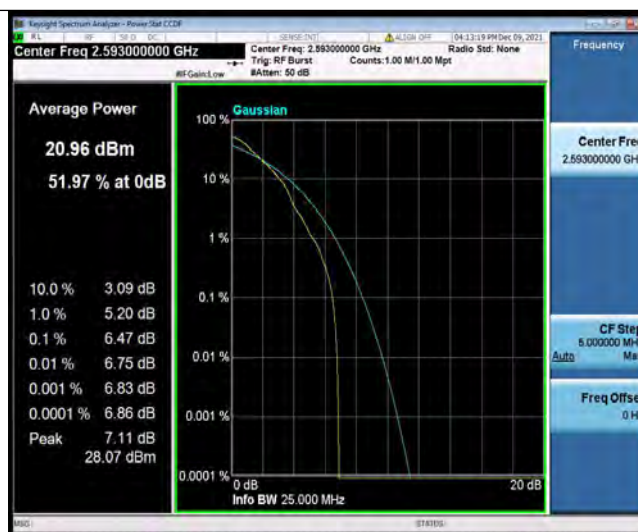
Band41-15MHz-QPSK-39725-1RB#0



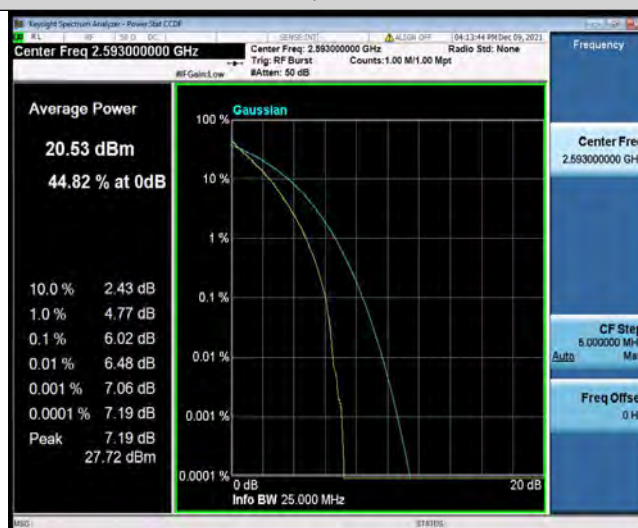
Band41-15MHz-QPSK-39725-75RB#0



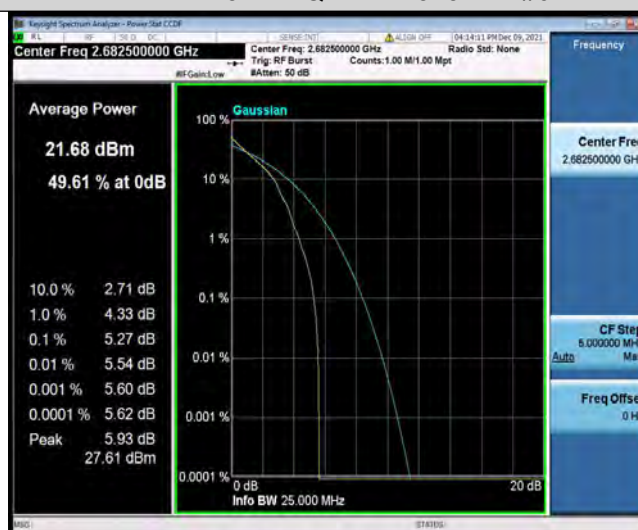
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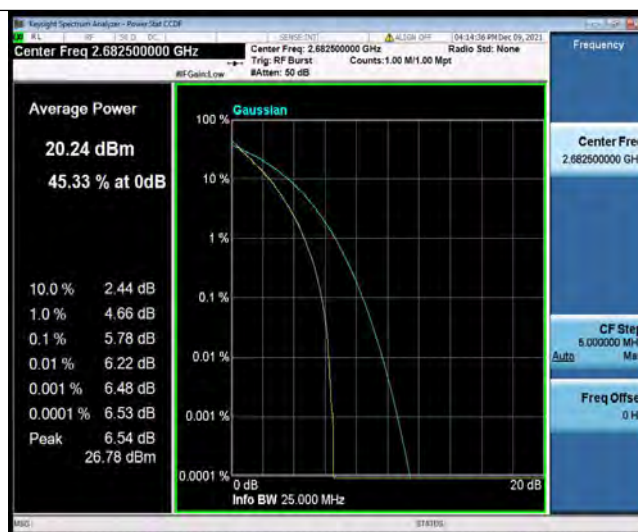
Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



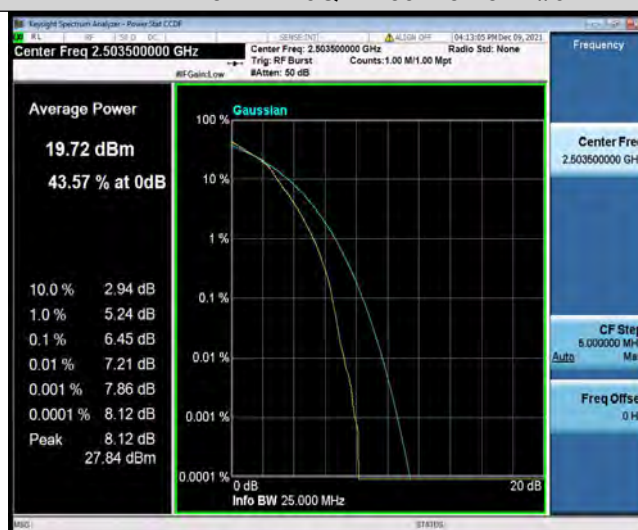
Band41-15MHz-QPSK-41515-75RB#0



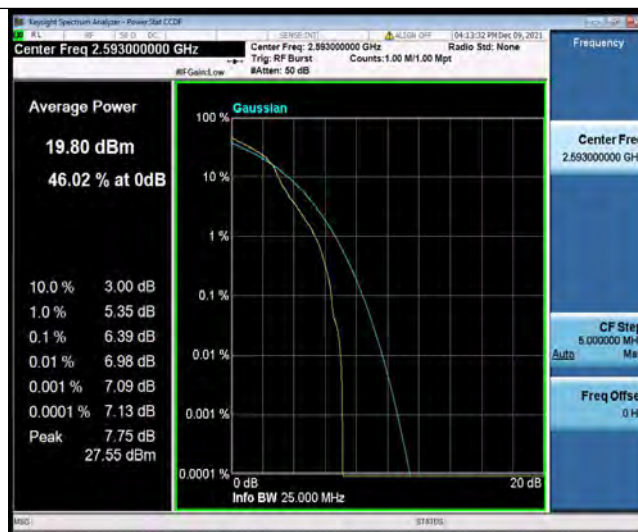
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Band41-15MHz-16QAM-39725-75RB#0



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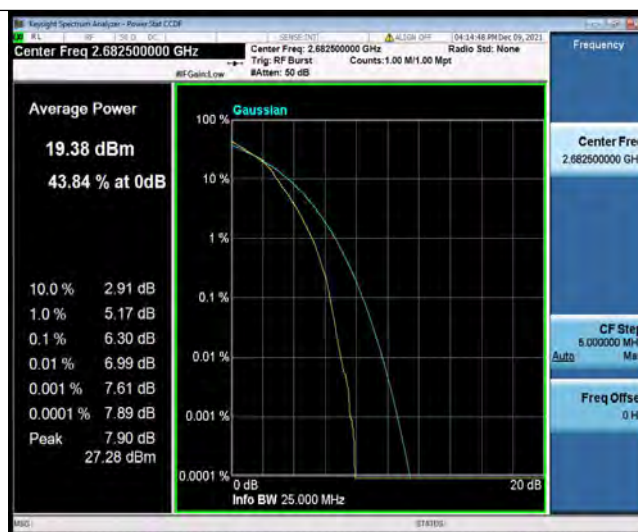
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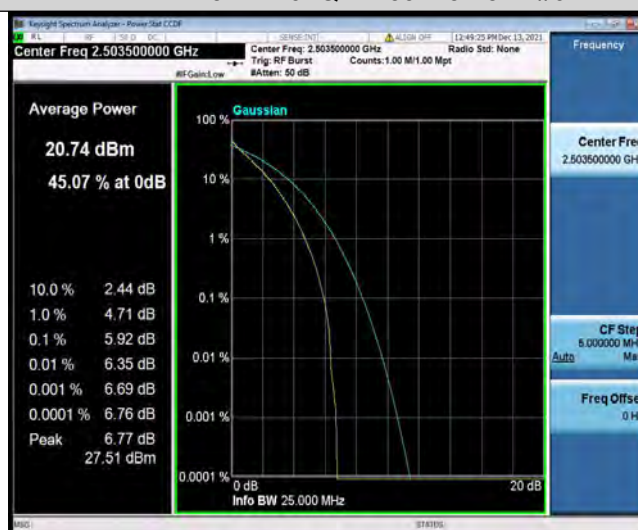
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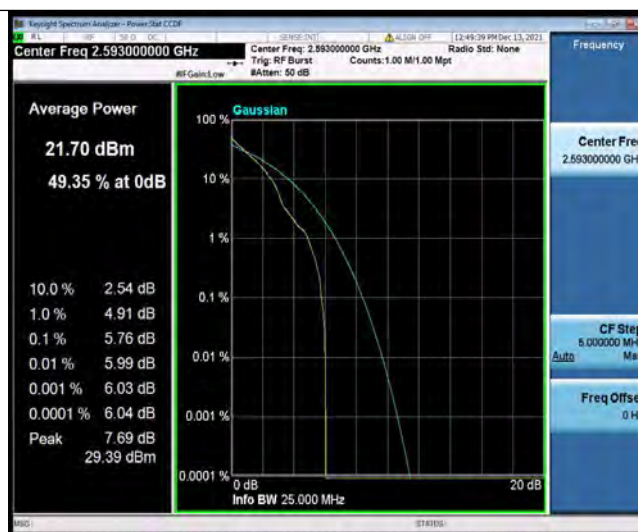
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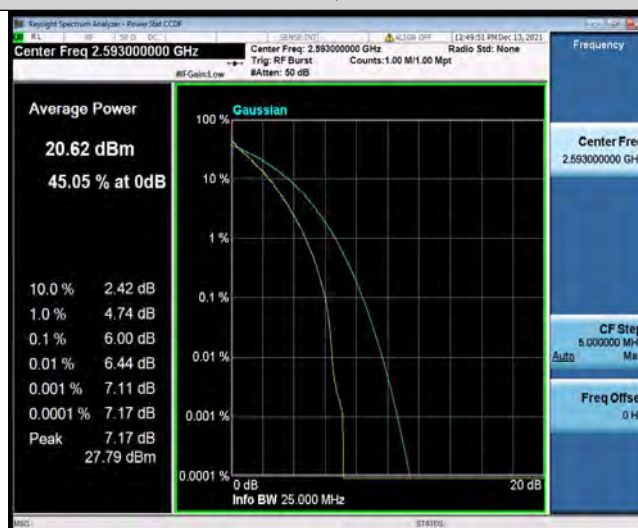
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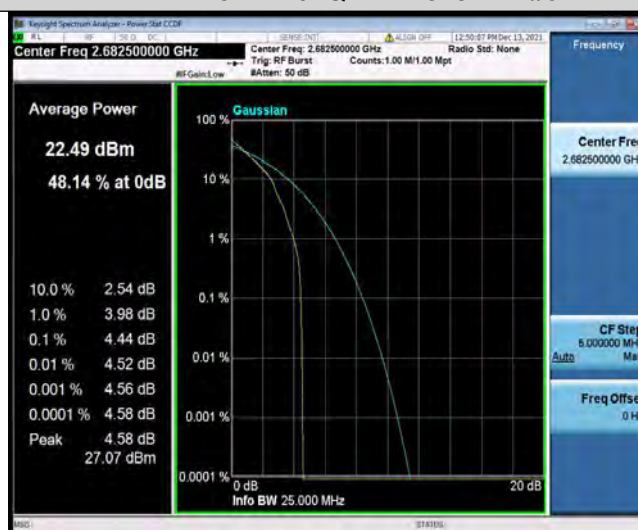
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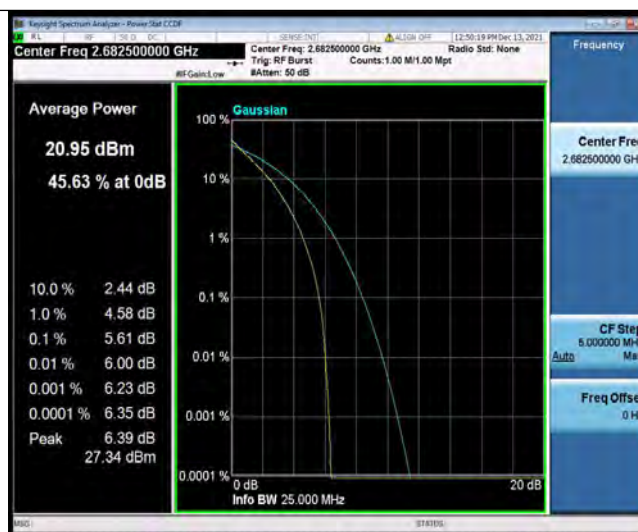
Band41-15MHz-64QAM-40620-75RB#0



Band41-15MHz-64QAM-41515-1RB#0



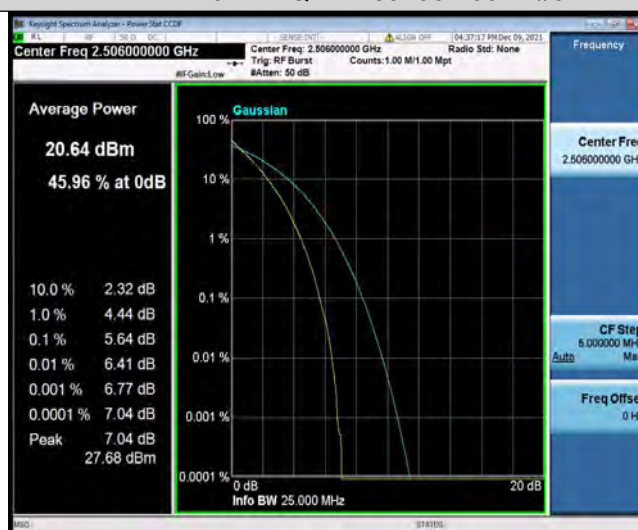
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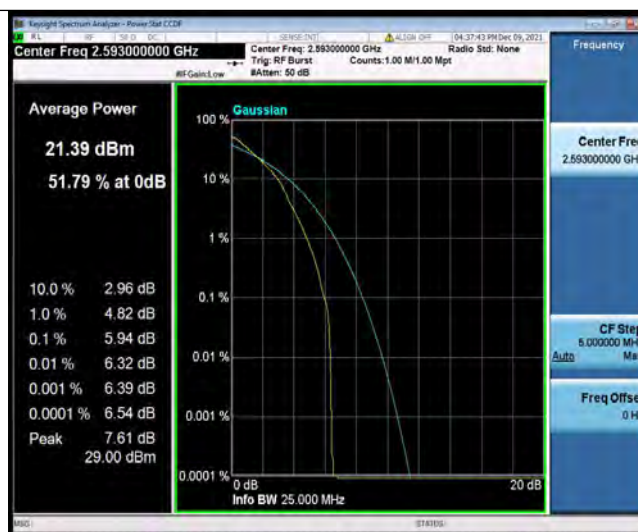
Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0



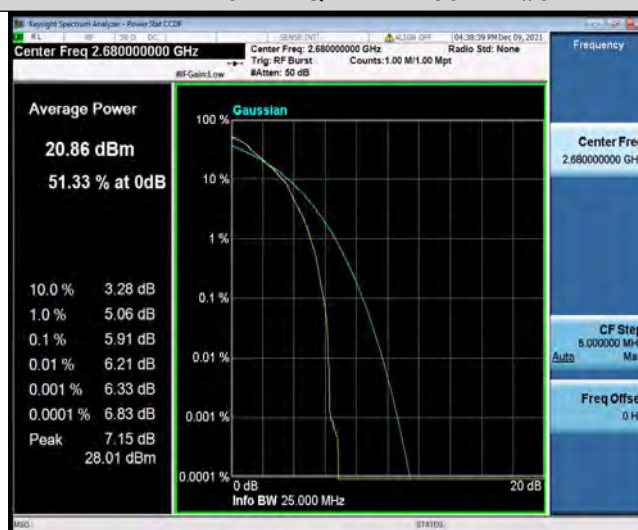
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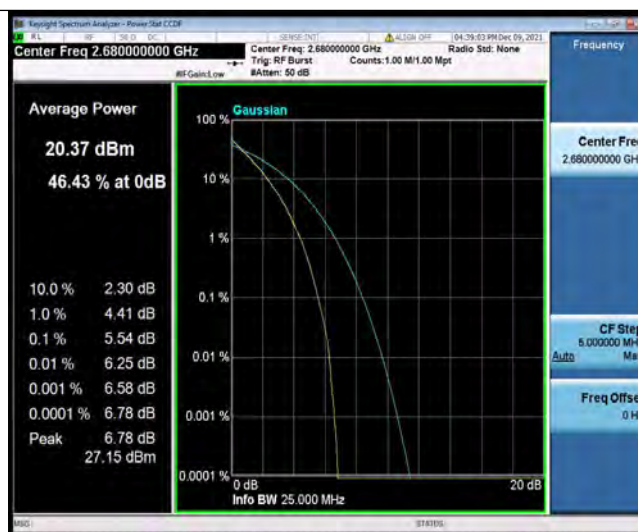
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Band41-20MHz-QPSK-41490-1RB#0



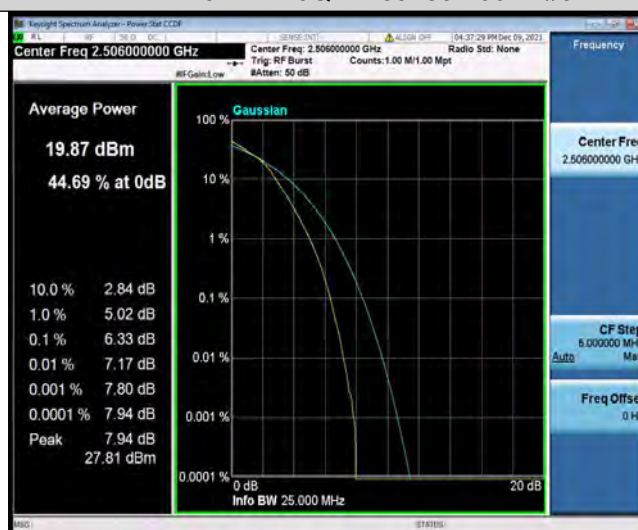
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Band41-20MHz-16QAM-39750-1RB#0



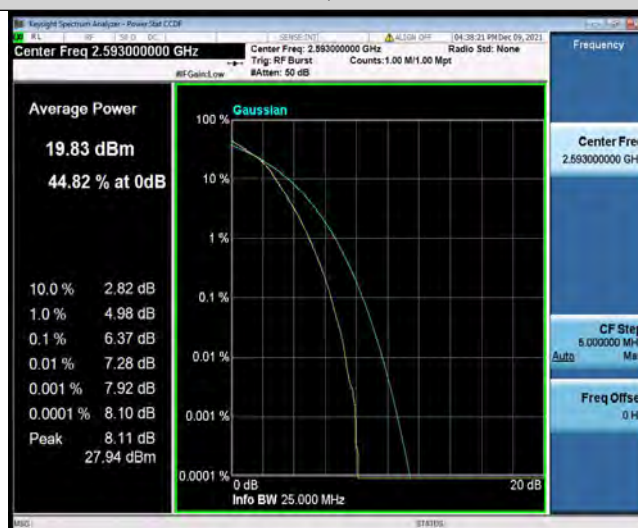
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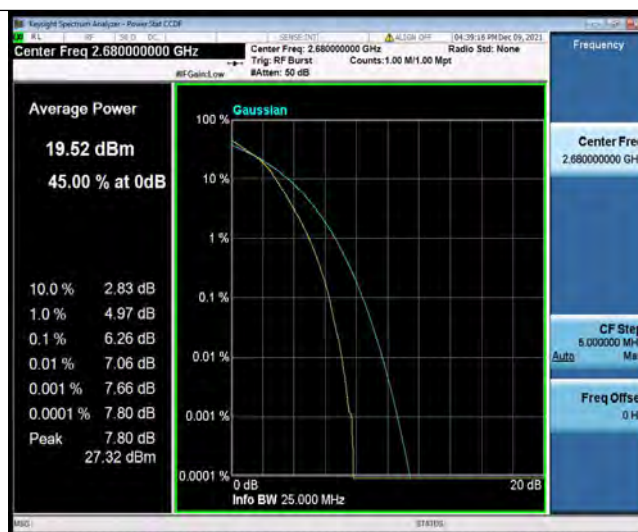
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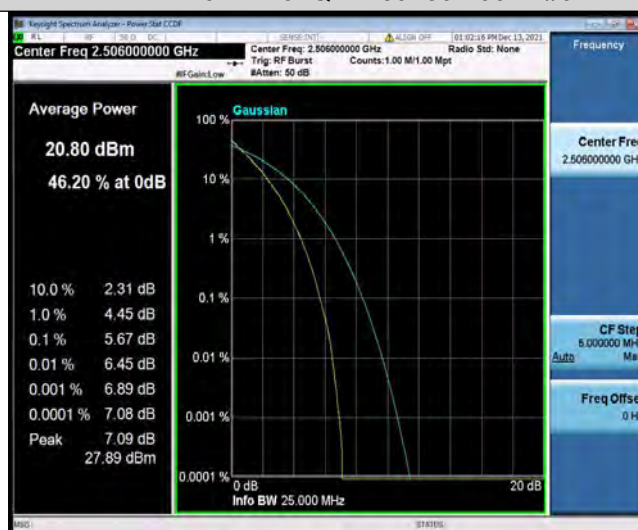
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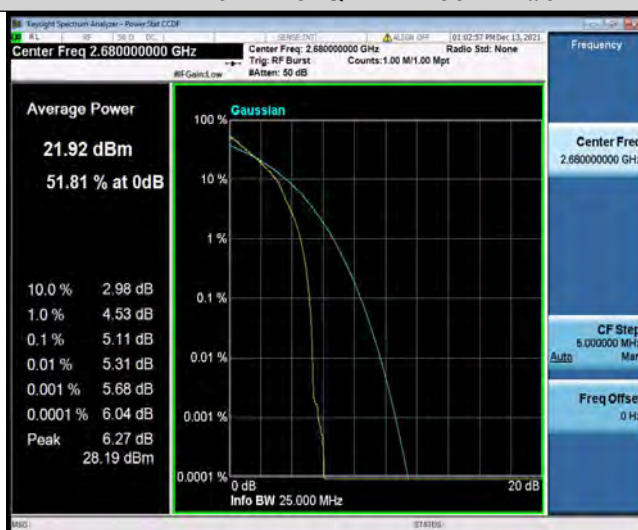
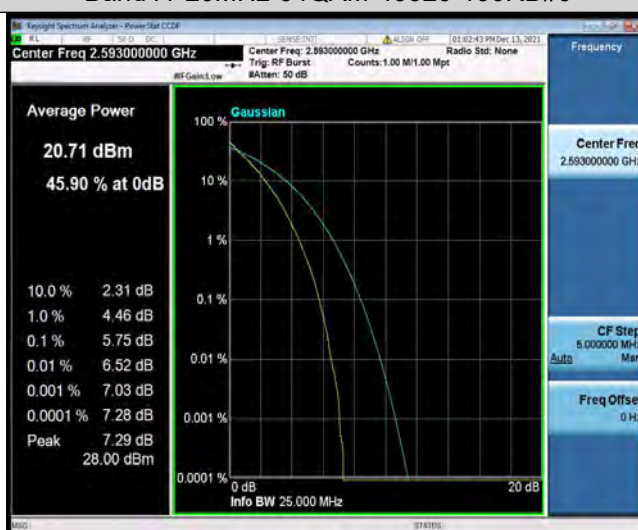
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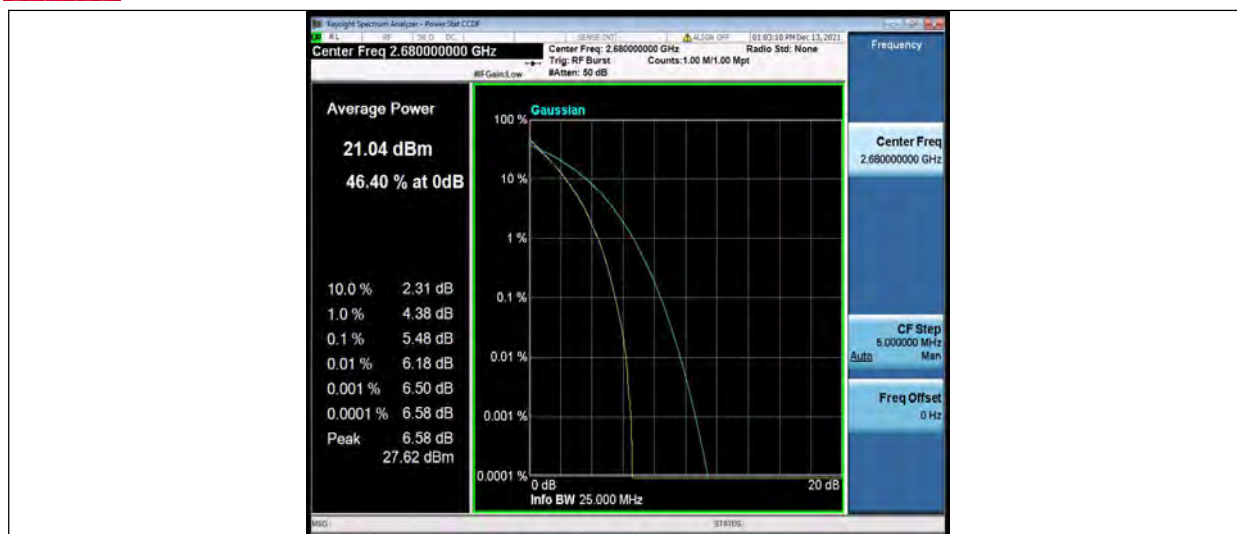


Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-1RB#0





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4912	4.869	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4896	4.885	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4935	4.877	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4835	4.868	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4846	4.855	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4858	4.870	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.4897	4.893	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.4907	4.891	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.4972	4.857	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9637	9.527	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9911	9.537	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9641	9.535	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9786	9.563	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9787	9.524	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9723	9.585	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9783	9.512	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9802	9.545	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9620	9.571	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.481	14.29	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	14.29	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.490	14.30	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.477	14.29	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.467	14.29	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.482	14.31	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.488	14.33	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.475	14.28	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.489	14.33	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.945	18.96	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.950	19.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.921	18.95	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.921	18.96	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.945	19.01	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.931	18.97	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.935	18.99	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.940	19.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.935	19.01	PASS

Test Graphs

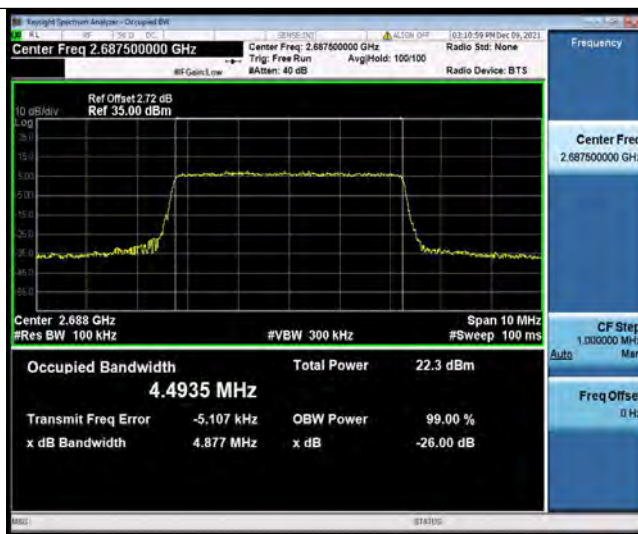
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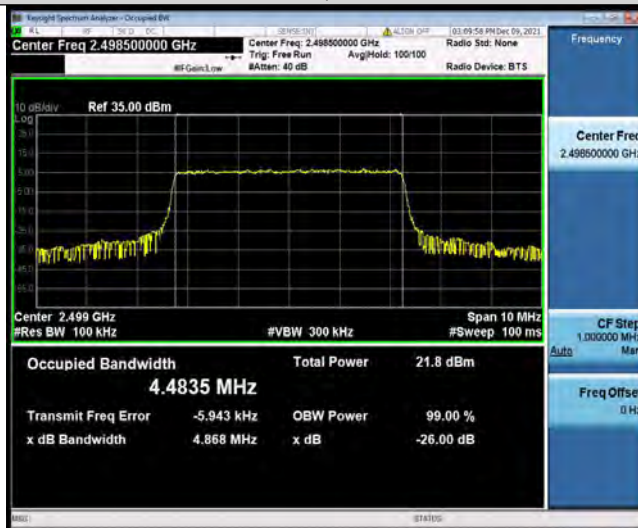
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Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-25RB#0



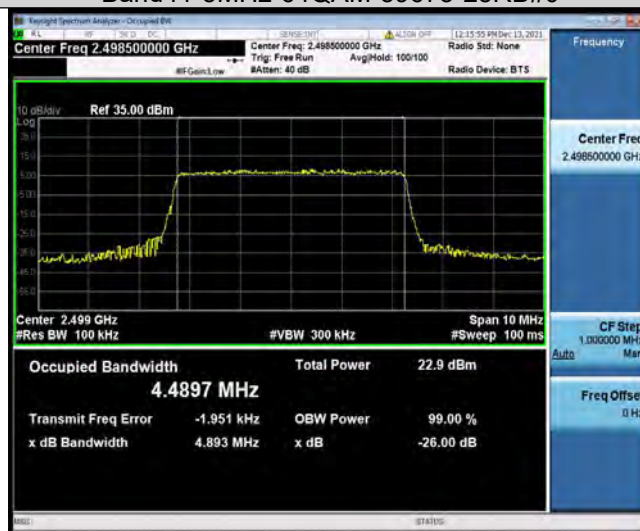
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Band41-5MHz-16QAM-41565-25RB#0



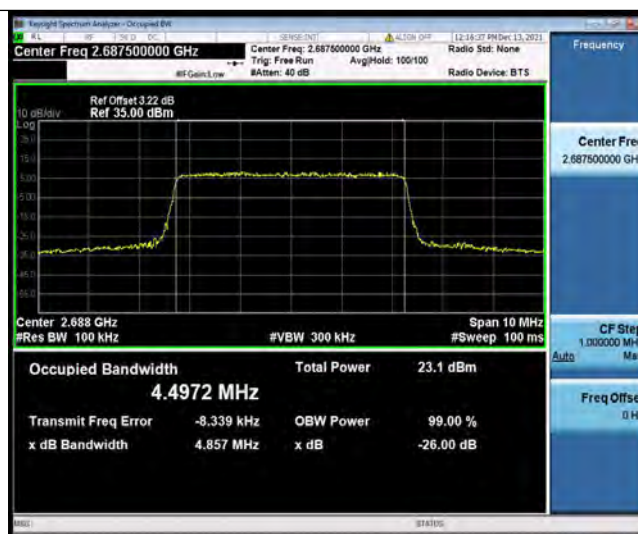
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Band41-5MHz-64QAM-40620-25RB#0



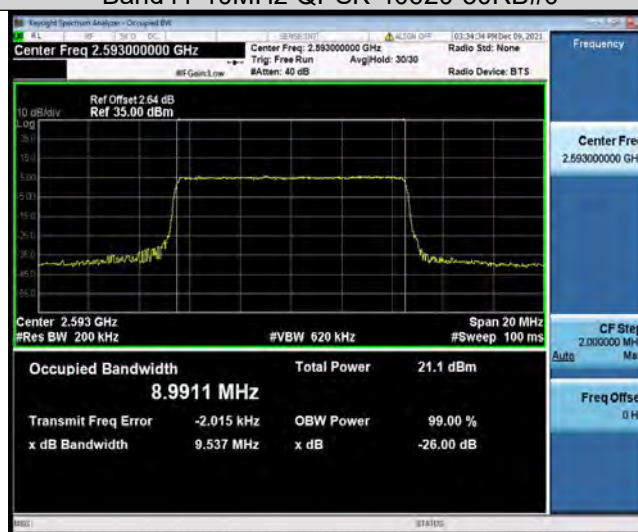
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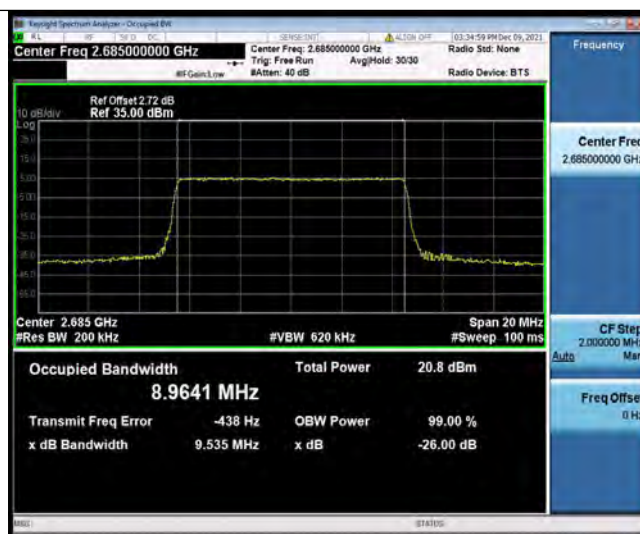
Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-40620-50RB#0



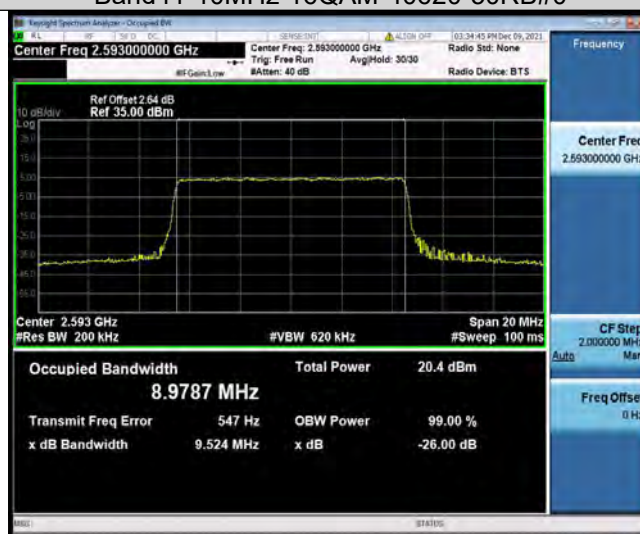
Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-50RB#0



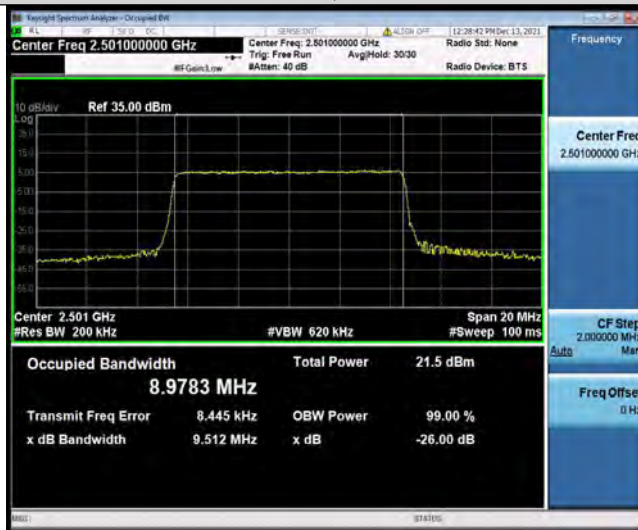
Band41-10MHz-16QAM-40620-50RB#0



Band41-10MHz-16QAM-41540-50RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-40620-50RB#0



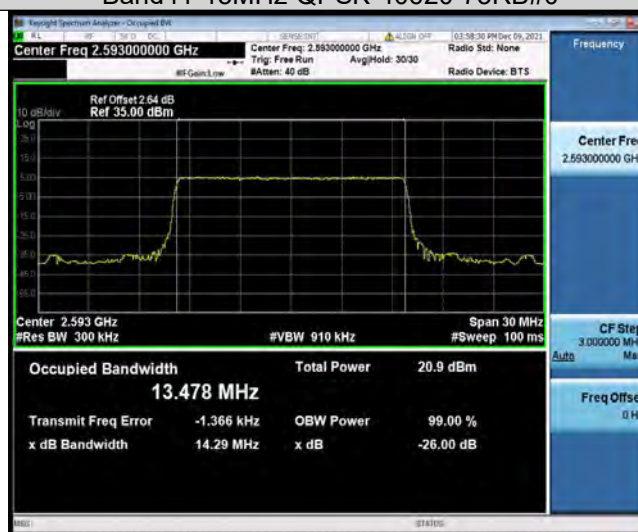
Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-75RB#0



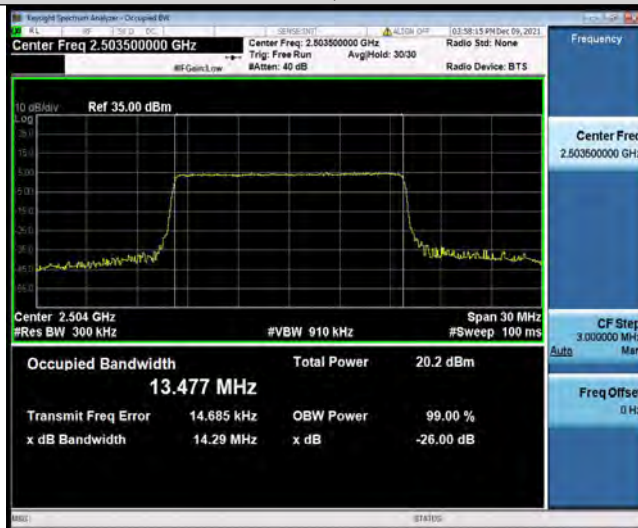
Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-40620-75RB#0



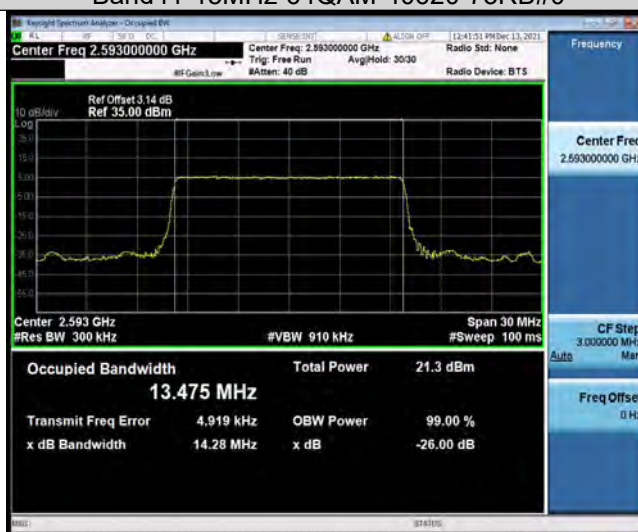
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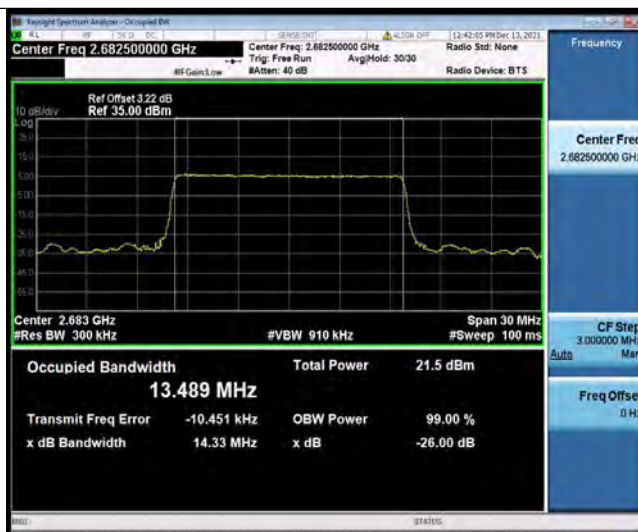
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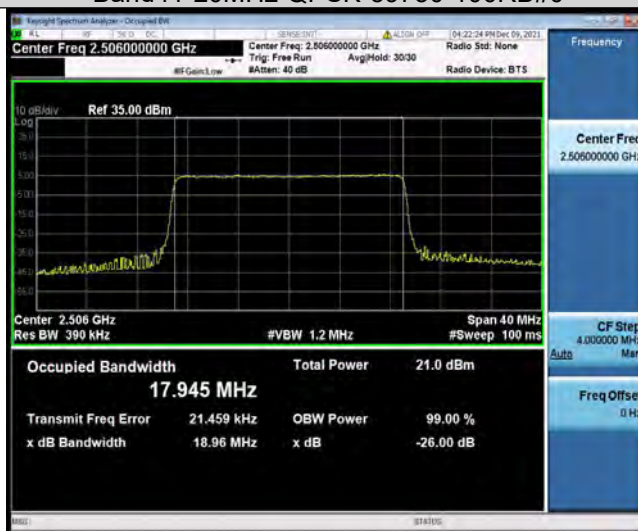
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Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0



Band41-20MHz-QPSK-41490-100RB#0



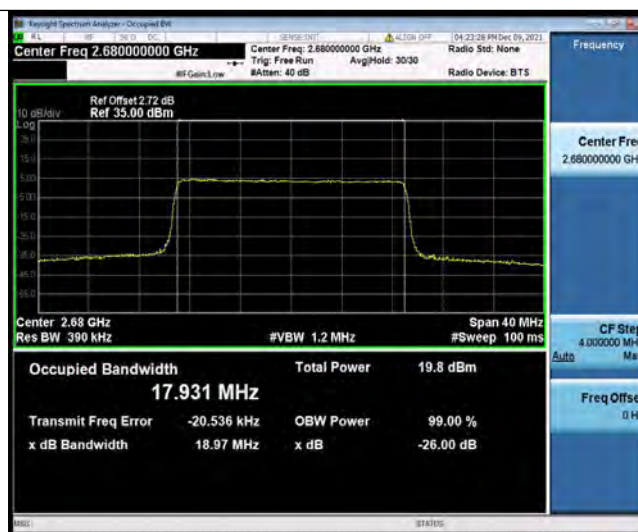
Band41-20MHz-16QAM-39750-100RB#0



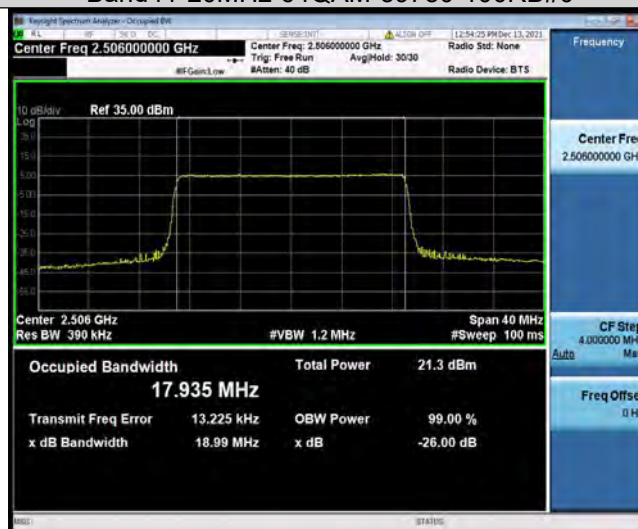
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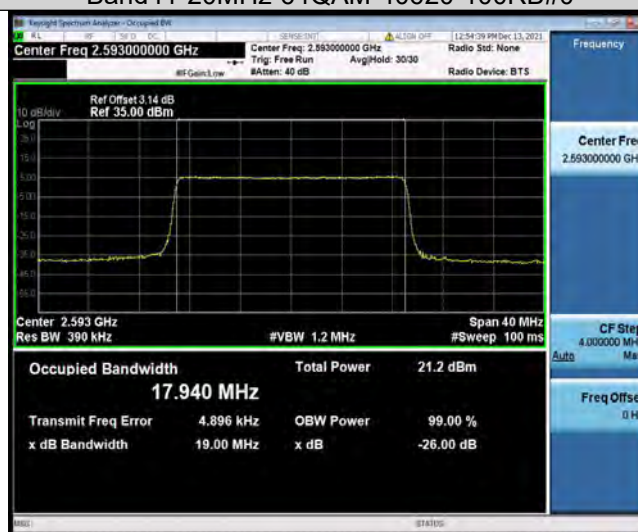
Band41-20MHz-16QAM-41490-100RB#0



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-45.35,-31.09,-13.79	PASS
Band41	5MHz	QPSK	39675	25RB#0	-46.94,-36.93,-20.67	PASS
Band41	5MHz	QPSK	41565	1RB#24	-15.46,-30.60,-42.45,-43.59	PASS
Band41	5MHz	QPSK	41565	25RB#0	-26.93,-35.52,-44.26,-44.74	PASS
Band41	5MHz	16QAM	39675	1RB#0	-45.43,-32.43,-14.10	PASS
Band41	5MHz	16QAM	39675	25RB#0	-44.00,-33.30,-24.31	PASS
Band41	5MHz	16QAM	41565	1RB#24	-14.37,-31.73,-42.60,-43.57	PASS
Band41	5MHz	16QAM	41565	25RB#0	-27.36,-33.43,-42.15,-43.17	PASS
Band41	5MHz	64QAM	39675	1RB#0	-44.36,-30.15,-13.83	PASS
Band41	5MHz	64QAM	39675	25RB#0	-45.66,-36.09,-22.46	PASS
Band41	5MHz	64QAM	41565	1RB#24	-13.28,-30.05,-41.09,-42.60	PASS
Band41	5MHz	64QAM	41565	25RB#0	-25.83,-32.71,-42.15,-42.49	PASS
Band41	10MHz	QPSK	39700	1RB#0	-45.05,-27.22,-14.96	PASS
Band41	10MHz	QPSK	39700	50RB#0	-47.16,-36.60,-32.37	PASS
Band41	10MHz	QPSK	41540	1RB#49	-17.85,-26.71,-37.64,-43.13	PASS
Band41	10MHz	QPSK	41540	50RB#0	-29.33,-33.52,-37.47,-44.89	PASS
Band41	10MHz	16QAM	39700	1RB#0	-47.11,-29.27,-15.18	PASS
Band41	10MHz	16QAM	39700	50RB#0	-48.15,-37.53,-30.47	PASS
Band41	10MHz	16QAM	41540	1RB#49	-17.12,-29.39,-40.28,-45.18	PASS
Band41	10MHz	16QAM	41540	50RB#0	-28.15,-35.58,-38.80,-44.70	PASS
Band41	10MHz	64QAM	39700	1RB#0	-44.98,-29.79,-16.34	PASS
Band41	10MHz	64QAM	39700	50RB#0	-46.42,-37.24,-30.66	PASS
Band41	10MHz	64QAM	41540	1RB#49	-15.49,-26.02,-36.45,-42.42	PASS
Band41	10MHz	64QAM	41540	50RB#0	-29.37,-31.81,-34.61,-42.10	PASS
Band41	15MHz	QPSK	39725	1RB#0	-47.37,-25.69,-16.57	PASS
Band41	15MHz	QPSK	39725	75RB#0	-47.75,-32.88,-30.76	PASS
Band41	15MHz	QPSK	41515	1RB#74	-16.93,-25.82,-36.17,-44.51	PASS
Band41	15MHz	QPSK	41515	75RB#0	-28.41,-32.87,-34.67,-42.60	PASS
Band41	15MHz	16QAM	39725	1RB#0	-48.80,-29.15,-18.04	PASS
Band41	15MHz	16QAM	39725	75RB#0	-47.95,-37.54,-32.07	PASS
Band41	15MHz	16QAM	41515	1RB#74	-17.24,-29.47,-38.30,-46.50	PASS
Band41	15MHz	16QAM	41515	75RB#0	-30.29,-33.84,-36.00,-43.59	PASS
Band41	15MHz	64QAM	39725	1RB#0	-46.73,-27.89,-15.73	PASS
Band41	15MHz	64QAM	39725	75RB#0	-46.00,-32.83,-28.50	PASS
Band41	15MHz	64QAM	41515	1RB#74	-16.65,-25.32,-34.95,-43.78	PASS
Band41	15MHz	64QAM	41515	75RB#0	-26.72,-29.27,-31.29,-40.52	PASS

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Band41	20MHz	QPSK	39750	1RB#0	-48.26,-24.92,-18.16	PASS
Band41	20MHz	QPSK	39750	100RB#0	-49.73,-34.82,-33.06	PASS
Band41	20MHz	QPSK	41490	1RB#99	-19.72,-25.11,-34.76,-45.11	PASS
Band41	20MHz	QPSK	41490	100RB#0	-32.37,-36.24,-37.89,-45.20	PASS
Band41	20MHz	16QAM	39750	1RB#0	-47.44,-24.89,-17.94	PASS
Band41	20MHz	16QAM	39750	100RB#0	-49.70,-35.56,-32.15	PASS
Band41	20MHz	16QAM	41490	1RB#99	-18.63,-24.52,-33.56,-44.49	PASS
Band41	20MHz	16QAM	41490	100RB#0	-31.72,-35.08,-37.31,-45.35	PASS
Band41	20MHz	64QAM	39750	1RB#0	-47.96,-24.47,-18.08	PASS
Band41	20MHz	64QAM	39750	100RB#0	-48.80,-34.88,-33.25	PASS
Band41	20MHz	64QAM	41490	1RB#99	-18.40,-24.06,-33.69,-44.70	PASS
Band41	20MHz	64QAM	41490	100RB#0	-31.25,-33.52,-35.18,-43.71	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-1RB#24



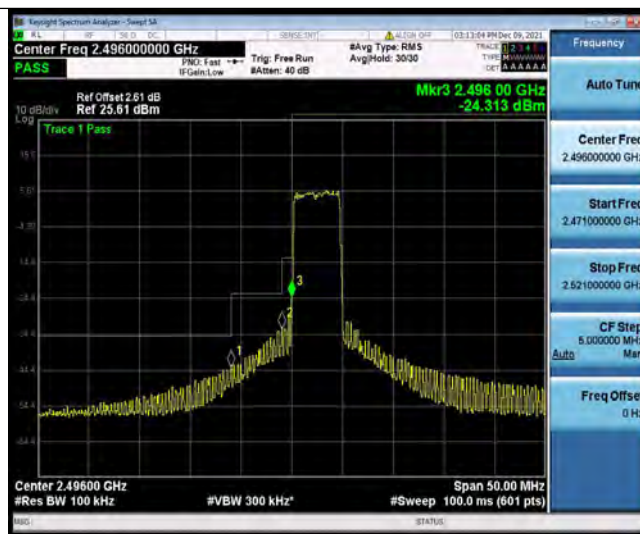
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Band41-5MHz-16QAM-39675-1RB#0



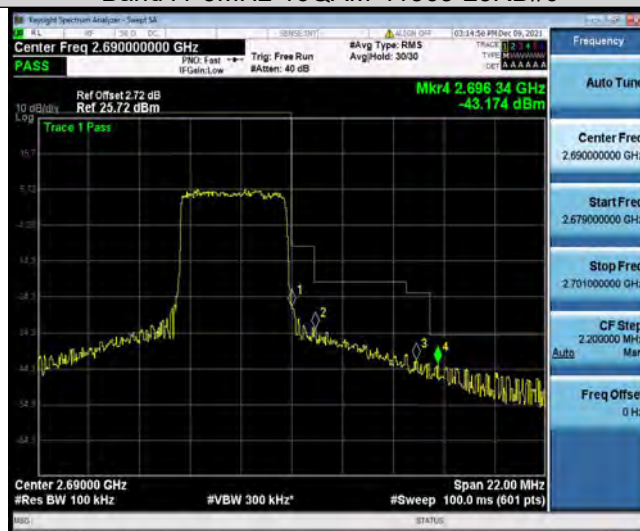
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Band41-5MHz-16QAM-41565-1RB#24



Band41-5MHz-16QAM-41565-25RB#0



Band41-5MHz-64QAM-39675-1RB#0



Band41-5MHz-64QAM-39675-25RB#0



Band41-5MHz-64QAM-41565-1RB#24



Band41-5MHz-64QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-1RB#0



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-1RB#49



Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-1RB#0



Band41-10MHz-16QAM-39700-50RB#0



Band41-10MHz-16QAM-41540-1RB#49



Band41-10MHz-16QAM-41540-50RB#0



Band41-10MHz-64QAM-39700-1RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-41540-1RB#49



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-1RB#0



Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-41515-1RB#74



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-1RB#0



Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-41515-1RB#74



Band41-15MHz-16QAM-41515-75RB#0



Band41-15MHz-64QAM-39725-1RB#0



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-41515-1RB#74



Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-41490-1RB#99



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-41490-1RB#99



Band41-20MHz-16QAM-41490-100RB#0



Band41-20MHz-64QAM-39750-1RB#0



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-41490-1RB#99



Band41-20MHz-64QAM-41490-100RB#0



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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-52.45	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-42.41	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-46.25	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-42.18	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-52.07	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~27000MHz	-41.53	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-51.66	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~27000MHz	-41.35	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-48.16	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-42.11	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-52.4	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~27000MHz	-42.12	PASS
Band41	5MHz	64QAM	39675	1RB#0	Range1:30~1000MHz	-51.17	PASS
Band41	5MHz	64QAM	39675	1RB#0	Range2:1000~27000MHz	-41.53	PASS
Band41	5MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-51.61	PASS
Band41	5MHz	64QAM	40620	1RB#0	Range2:1000~27000MHz	-41.31	PASS
Band41	5MHz	64QAM	41565	1RB#0	Range1:30~1000MHz	-50.43	PASS
Band41	5MHz	64QAM	41565	1RB#0	Range2:1000~27000MHz	-41.24	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-52.83	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~27000MHz	-42.52	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-51.46	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-42.56	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-52.44	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~27000MHz	-42.44	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-50.13	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~27000MHz	-42.28	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-51.93	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-42.31	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-52.49	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~27000MHz	-41.67	PASS
Band41	10MHz	64QAM	39700	1RB#0	Range1:30~1000MHz	-51.16	PASS
Band41	10MHz	64QAM	39700	1RB#0	Range2:1000~27000MHz	-40.81	PASS
Band41	10MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-51.16	PASS
Band41	10MHz	64QAM	40620	1RB#0	Range2:1000~27000MHz	-42.2	PASS
Band41	10MHz	64QAM	41540	1RB#0	Range1:30~1000MHz	-47.72	PASS
Band41	10MHz	64QAM	41540	1RB#0	Range2:1000~27000MHz	-41.86	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-52.13	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~27000MHz	-42.47	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-52.11	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-42.97	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-52.31	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~27000MHz	-42.35	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-52.18	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~27000MHz	-41.49	PASS

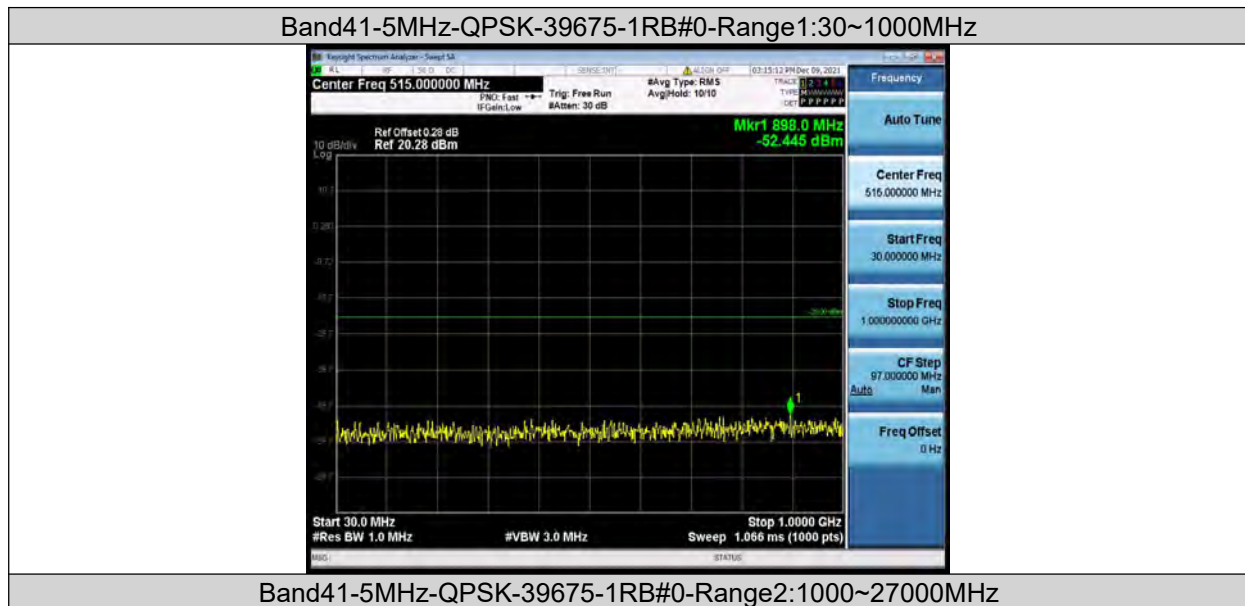


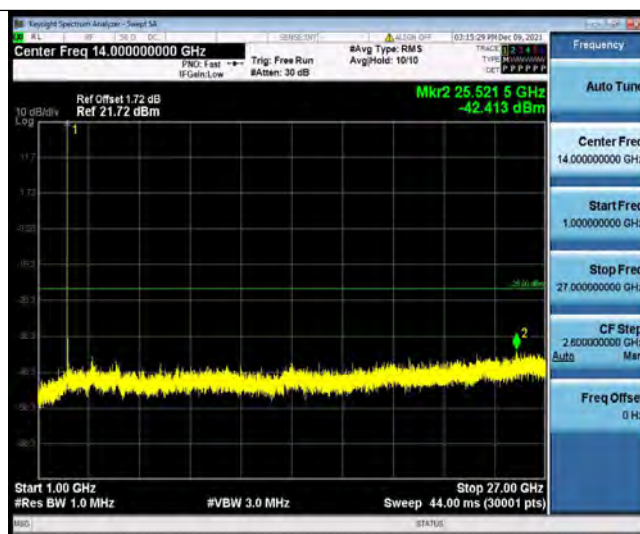
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Test Report No.: W7L-P21100018-4RF06

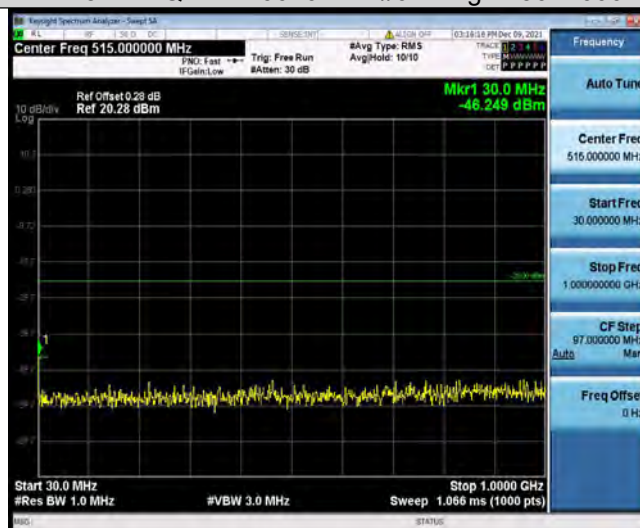
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-52.74	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-42.6	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-52.19	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~27000MHz	-42.27	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range1:30~1000MHz	-50.66	PASS
Band41	15MHz	64QAM	39725	1RB#0	Range2:1000~27000MHz	-41.22	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-49.97	PASS
Band41	15MHz	64QAM	40620	1RB#0	Range2:1000~27000MHz	-41.73	PASS
Band41	15MHz	64QAM	41515	1RB#0	Range1:30~1000MHz	-51.31	PASS
Band41	15MHz	64QAM	41515	1RB#0	Range2:1000~27000MHz	-41.98	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-52.48	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~27000MHz	-40.41	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-52.18	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-41.31	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-52	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~27000MHz	-41.84	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-52.15	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~27000MHz	-39.6	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-52.04	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-41.14	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-51.69	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~27000MHz	-42.03	PASS
Band41	20MHz	64QAM	39750	1RB#0	Range1:30~1000MHz	-50.17	PASS
Band41	20MHz	64QAM	39750	1RB#0	Range2:1000~27000MHz	-37.24	PASS
Band41	20MHz	64QAM	40620	1RB#0	Range1:30~1000MHz	-50.22	PASS
Band41	20MHz	64QAM	40620	1RB#0	Range2:1000~27000MHz	-41.1	PASS
Band41	20MHz	64QAM	41490	1RB#0	Range1:30~1000MHz	-50.84	PASS
Band41	20MHz	64QAM	41490	1RB#0	Range2:1000~27000MHz	-39.93	PASS

Test Graphs





Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



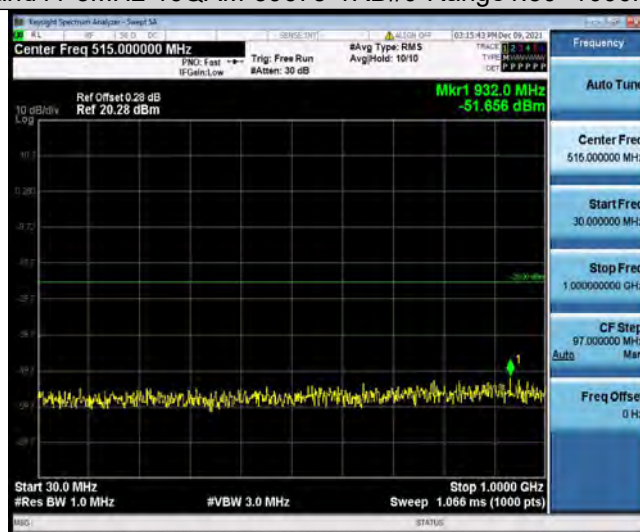
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Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~27000MHz