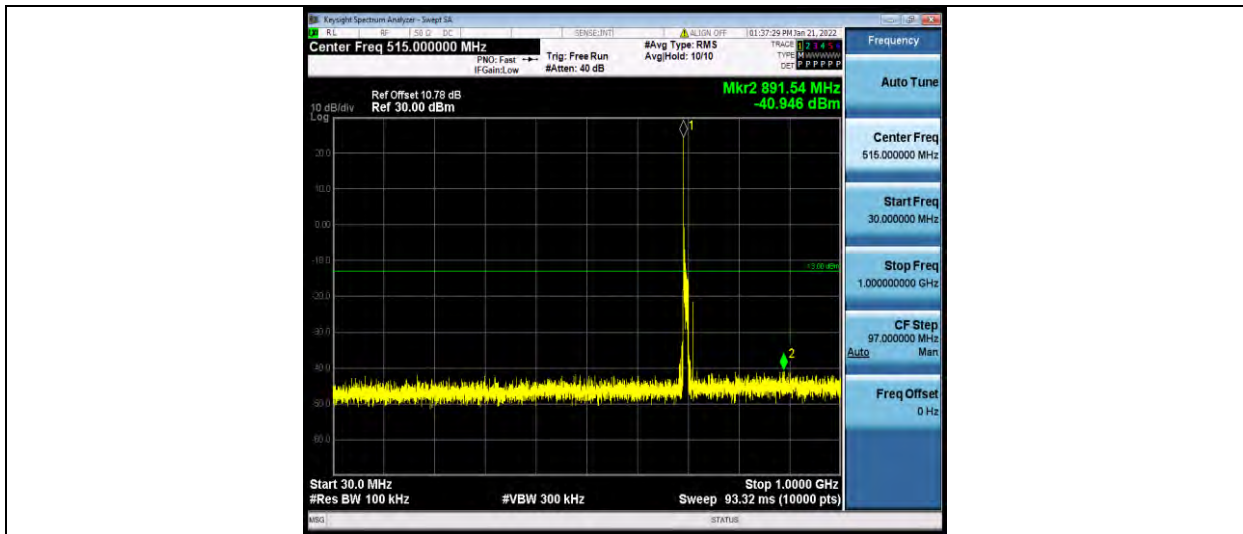


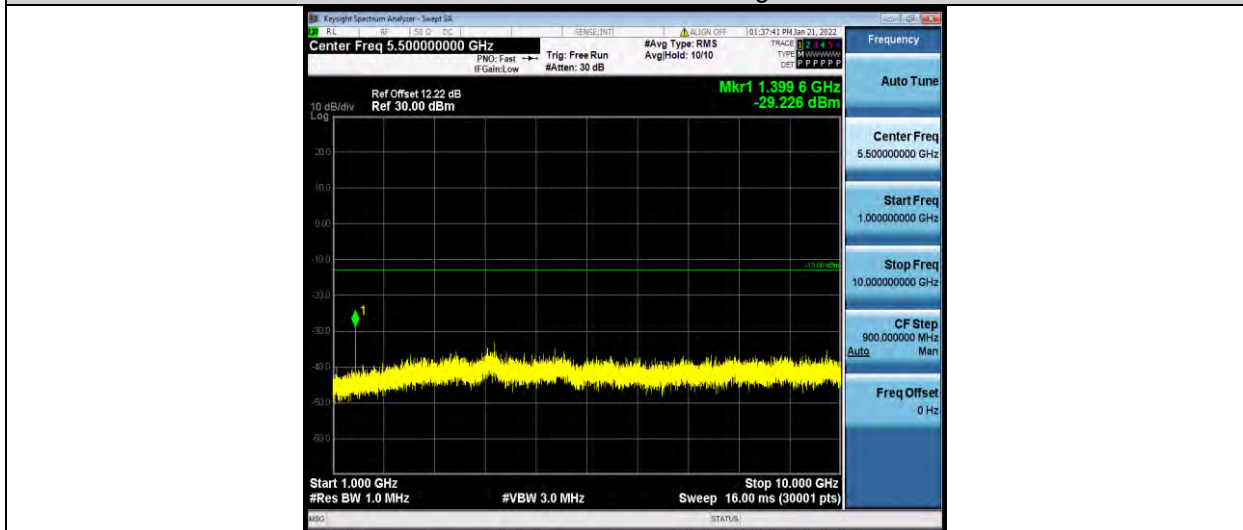


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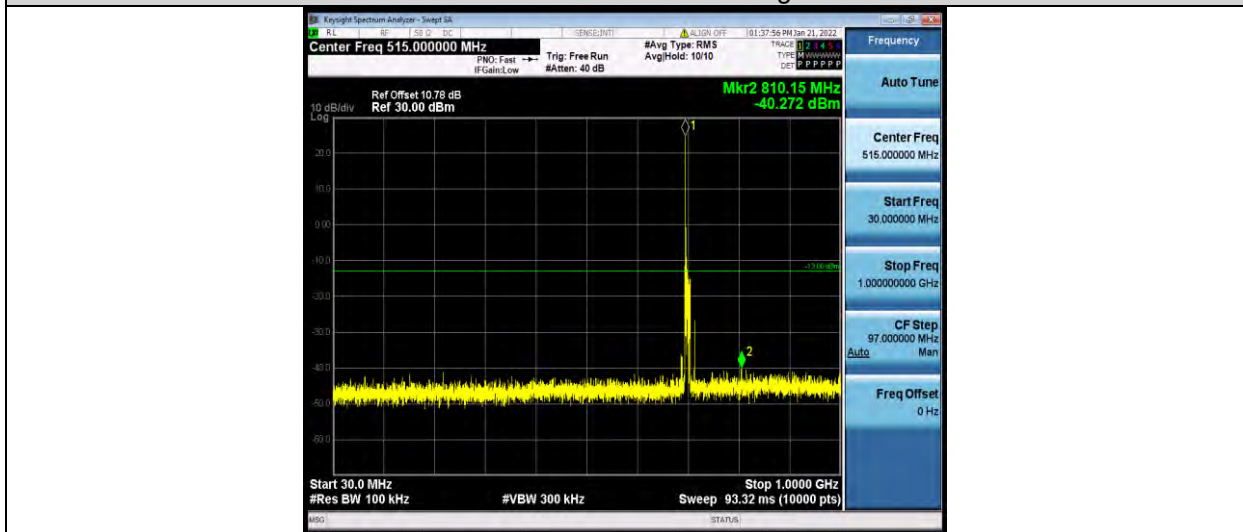
Test Report No.: W7L-P21120038RF05



Band12-10MHz-64QAM-23060-1RB#0-Range2: 1000~10000MHz



Band12-10MHz-64QAM-23095-1RB#0-Range1: 30~1000MHz

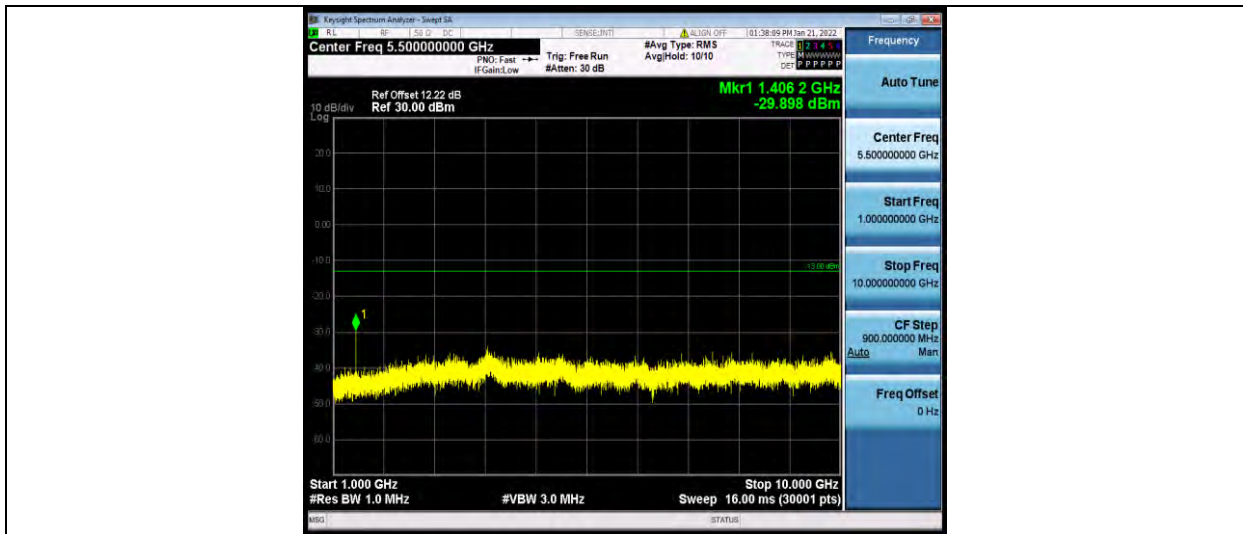


Band12-10MHz-64QAM-23095-1RB#0-Range2: 1000~10000MHz

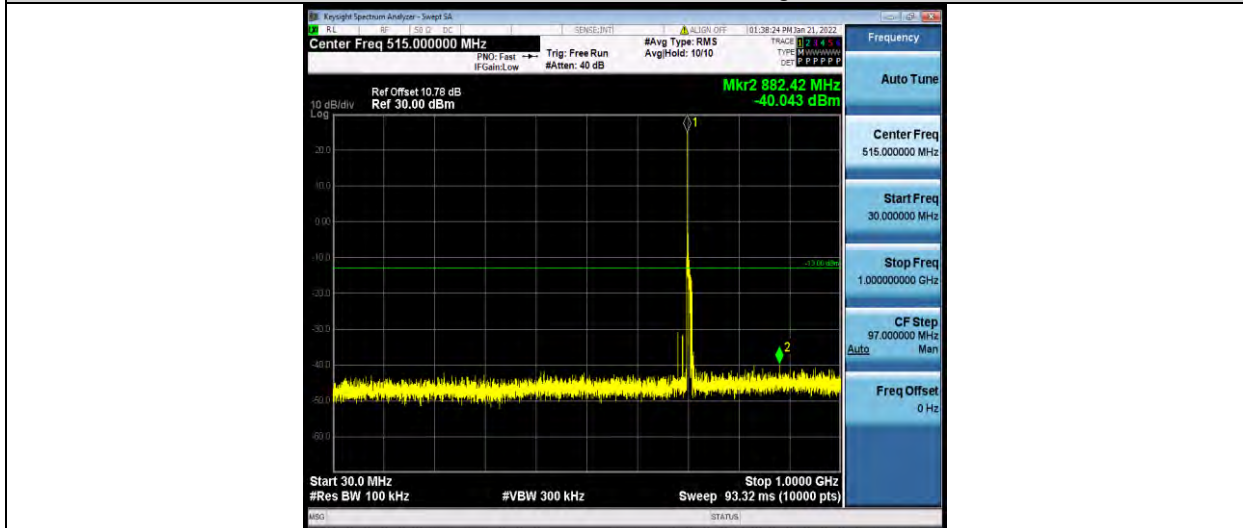


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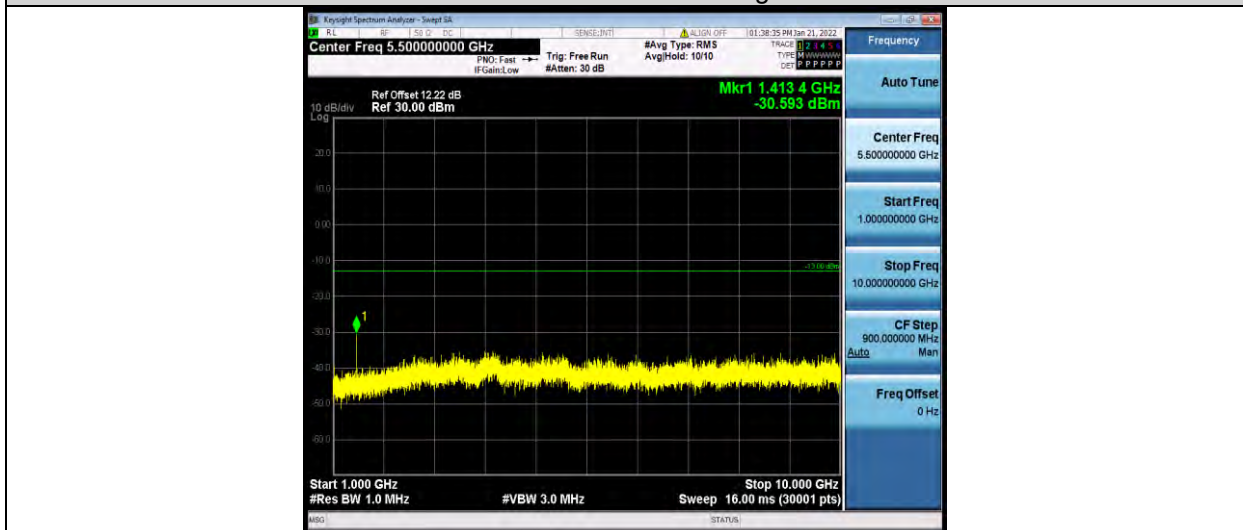
Test Report No.: W7L-P21120038RF05



Band12-10MHz-64QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~10000MHz





## FREQUENCY STABILITY

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	39.21	0.056038	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	41.67	0.059554	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	15.88	0.022695	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	26.85	0.037951	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	11.96	0.016905	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	22.53	0.031845	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	22.36	0.031260	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	11.84	0.016552	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	18.73	0.026185	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-45.72	-0.065342	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-46.91	-0.067043	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-43.00	-0.061455	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	29.83	0.042163	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	13.09	0.018502	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	48.75	0.068905	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-22.86	-0.031959	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-28.88	-0.040375	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-13.89	-0.019418	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-40.50	-0.057816	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-4.65	-0.006638	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-39.75	-0.056745	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	6.78	0.009583	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	4.88	0.006898	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	5.98	0.008452	±2.5	PASS



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Band12	3MHz	QPSK	23165	15RB#0	VL	NT	5.26	0.007362	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	9.81	0.013730	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-3.98	-0.005570	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-28.52	-0.040714	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-13.15	-0.018772	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-31.00	-0.044254	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-38.85	-0.054912	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-36.31	-0.051322	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-28.34	-0.040057	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-8.15	-0.011407	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-11.29	-0.015801	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-3.50	-0.004899	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	30.46	0.043421	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	23.33	0.033257	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	15.38	0.021924	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	20.81	0.029413	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	10.14	0.014332	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	19.20	0.027138	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	5.48	0.007680	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	2.92	0.004093	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	2.88	0.004036	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-6.42	-0.009152	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-14.52	-0.020699	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-4.25	-0.006058	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-31.67	-0.044763	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-37.82	-0.053456	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-23.65	-0.033428	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-23.09	-0.032362	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-17.31	-0.024261	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-6.95	-0.009741	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	43.76	0.062159	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	26.55	0.037713	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-6.04	-0.008580	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	10.64	0.015039	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	6.90	0.009753	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	7.20	0.010177	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	7.34	0.010323	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	10.76	0.015134	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-2.73	-0.003840	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-27.67	-0.039304	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	-33.39	-0.047429	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-26.61	-0.037798	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	5.04	0.007124	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	2.57	0.003633	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	9.93	0.014035	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-15.16	-0.021322	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-34.78	-0.048917	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-7.62	-0.010717	±2.5	PASS
Band12	1.4MHz z	64QAM	23017	6RB#0	VL	NT	-19.50	-0.027869	±2.5	PASS



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Band12	1.4MHz z	64QAM	23017	6RB#0	VN	NT	41.77	0.059697	±2.5	PASS
Band12	1.4MHz z	64QAM	23017	6RB#0	VH	NT	-37.12	-0.053051	±2.5	PASS
Band12	1.4MHz z	64QAM	23095	6RB#0	VL	NT	-22.87	-0.032325	±2.5	PASS
Band12	1.4MHz z	64QAM	23095	6RB#0	VN	NT	40.03	0.056580	±2.5	PASS
Band12	1.4MHz z	64QAM	23095	6RB#0	VH	NT	-20.91	-0.029555	±2.5	PASS
Band12	1.4MHz z	64QAM	23173	6RB#0	VL	NT	-3.73	-0.005215	±2.5	PASS
Band12	1.4MHz z	64QAM	23173	6RB#0	VN	NT	6.35	0.008877	±2.5	PASS
Band12	1.4MHz z	64QAM	23173	6RB#0	VH	NT	-29.55	-0.041311	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	VL	NT	46.78	0.066781	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	VN	NT	40.11	0.057259	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	VH	NT	44.75	0.063883	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	VL	NT	37.92	0.053597	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	VN	NT	12.47	0.017625	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	VH	NT	30.93	0.043717	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	VL	NT	22.30	0.031211	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	VN	NT	15.18	0.021246	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	VH	NT	22.37	0.031309	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VL	NT	7.62	0.010862	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VN	NT	49.97	0.071233	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	VH	NT	-1.57	-0.002238	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VL	NT	27.42	0.038756	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VN	NT	15.31	0.021640	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	VH	NT	22.27	0.031477	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VL	NT	10.99	0.015403	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VN	NT	6.14	0.008605	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	VH	NT	1.13	0.001584	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	3.43	0.004872	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	35.05	0.049787	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	-8.70	-0.012358	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	16.82	0.023774	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	13.12	0.018544	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	18.07	0.025541	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	14.33	0.020155	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	16.94	0.023826	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	-10.49	-0.014754	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-8.67	-0.012391	±2.5	PASS



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Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-19.03	-0.027197	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-32.46	-0.046391	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-42.36	-0.060540	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-43.07	-0.061555	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-7.14	-0.002815	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-5.63	-0.002222	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-4.41	-0.001738	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	28.81	0.040721	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	29.81	0.042134	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	26.29	0.037159	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	21.96	0.031039	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	19.04	0.026912	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-2.40	-0.000947	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-1.25	-0.000492	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-0.41	-0.000160	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	4.66	0.006515	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-13.93	-0.019474	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-23.12	-0.032322	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-28.50	-0.039843	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-27.05	-0.037816	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-10.86	-0.004283	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-10.51	-0.004145	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-9.25	-0.003648	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-37.22	-0.053194	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-28.85	-0.041232	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-24.03	-0.034343	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-20.37	-0.029112	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-18.30	-0.026154	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-8.02	-0.003164	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-5.63	-0.002222	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	-4.81	-0.001898	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	18.91	0.026728	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	28.85	0.040777	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	33.14	0.046841	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	40.20	0.056820	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	42.90	0.060636	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-3.62	-0.001426	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.33	-0.000917	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-0.50	-0.000198	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-10.19	-0.014246	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-14.93	-0.020872	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-15.79	-0.022075	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-6.41	-0.008961	±2.5	PASS



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Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-6.91	-0.009660	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	-10.89	-0.015393	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-9.79	-0.013840	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	-8.80	-0.012438	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	-30.68	-0.043797	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-5.14	-0.007338	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-9.13	-0.013034	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	-2.65	-0.003783	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-36.36	-0.051906	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-7.19	-0.010162	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-5.46	-0.007719	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	-4.60	-0.006498	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-4.78	-0.006756	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-8.27	-0.011689	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-30.74	-0.043449	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-38.88	-0.054954	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-37.67	-0.053244	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-3.54	-0.005005	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-2.02	-0.002849	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-0.73	-0.001025	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	-9.47	-0.013254	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	-20.69	-0.028957	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	-40.86	-0.057187	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-49.51	-0.069293	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-7.00	-0.009797	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	-10.79	-0.015257	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	-9.58	-0.013539	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	-8.09	-0.011428	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	-39.25	-0.056031	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-51.03	-0.072848	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	3.42	0.004882	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-3.89	-0.005553	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-4.16	-0.005939	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	-5.93	-0.008383	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	-4.89	-0.006905	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	-3.40	-0.004809	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	-20.81	-0.029413	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-21.27	-0.030064	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-20.64	-0.029173	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-18.34	-0.025922	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-10.31	-0.014572	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	-1.97	-0.002789	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-0.92	-0.001297	±2.5	PASS



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Band12	3MHz	16QAM	23095	15RB#0	NV	50	0.38	0.000543	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	12.55	0.017565	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	20.36	0.028495	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	21.90	0.030651	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	28.90	0.040448	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	40.57	0.056781	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	-10.17	-0.003919	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	-8.85	-0.003410	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	50	-7.85	-0.003025	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	-13.32	-0.018988	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-24.38	-0.034754	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-38.07	-0.054269	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-6.01	-0.008567	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-18.68	-0.026629	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	-6.65	-0.002563	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	-5.21	-0.002008	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	-4.26	-0.001642	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	10.09	0.014261	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	-3.98	-0.005625	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-10.47	-0.014799	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-23.17	-0.032749	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-28.55	-0.040353	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-3.36	-0.001295	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-1.87	-0.000721	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-0.49	-0.000189	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-16.04	-0.022481	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-23.19	-0.032502	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-31.04	-0.043504	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-41.00	-0.057463	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-3.16	-0.004429	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	-10.62	-0.004094	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	-9.11	-0.003510	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	-7.03	-0.002709	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	10.50	0.014968	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	10.93	0.015581	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	27.95	0.039843	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	37.91	0.054041	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	29.97	0.042723	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	-5.89	-0.002269	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	-4.81	-0.001854	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-3.71	-0.001430	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-7.22	-0.010205	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	11.46	0.016198	±2.5	PASS





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Band12	5MHz	16QAM	23095	25RB#0	NV	0	8.40	0.011873	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	13.92	0.019675	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	30.81	0.043548	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-2.44	-0.000941	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-1.86	-0.000715	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	50	-0.98	-0.000378	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	5.66	0.007933	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	22.89	0.032081	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	31.90	0.044709	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	40.77	0.057141	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	37.18	0.052109	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-10.84	-0.004176	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-9.88	-0.003806	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	50	-7.98	-0.003075	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-9.08	-0.012898	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-21.30	-0.030256	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-27.38	-0.038892	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-26.51	-0.037656	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-30.86	-0.043835	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-6.77	-0.002610	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-5.72	-0.002203	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-4.43	-0.001706	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	11.66	0.016481	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	18.01	0.025456	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	10.97	0.015505	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	12.37	0.017484	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	9.17	0.012961	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-3.04	-0.001171	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-1.57	-0.000604	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-0.41	-0.000156	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-13.22	-0.018594	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-14.75	-0.020745	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-18.15	-0.025527	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-28.04	-0.039437	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-29.15	-0.040999	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-10.82	-0.004170	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-10.51	-0.004049	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-9.03	-0.003482	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-12.99	-0.018452	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-2.90	-0.004119	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	8.38	0.011903	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	3.16	0.004489	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-9.11	-0.012940	±2.5	PASS



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Band12	10MHz	16QAM	23060	50RB#0	NV	30	-8.13	-0.003132	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	-5.88	-0.002265	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	-4.46	-0.001718	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	22.30	0.031519	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	26.01	0.036763	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	40.51	0.057258	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	45.55	0.064382	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	4.22	0.005965	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-3.32	-0.001278	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-2.43	-0.000937	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-0.76	-0.000292	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	5.49	0.007722	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	11.69	0.016442	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	17.41	0.024487	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	21.36	0.030042	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	25.02	0.035190	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-10.18	-0.005415	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-9.26	-0.004926	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-8.48	-0.004511	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-30	-45.86	-0.065542	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	-20	5.36	0.007660	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	0	-42.11	-0.060183	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	10	-23.57	-0.033686	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	20	-42.19	-0.060297	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	30	-7.56	-0.004021	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	40	-5.56	-0.002957	±2.5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	NV	50	-4.28	-0.002277	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-30	-7.37	-0.010417	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	-20	-34.58	-0.048876	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	0	-4.45	-0.006290	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	10	-46.63	-0.065908	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	20	-47.75	-0.067491	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	30	-3.57	-0.001899	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	40	-1.18	-0.000628	±2.5	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	NV	50	-0.54	-0.000287	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	-30	-4.03	-0.005634	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	-20	-28.80	-0.040263	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	0	4.12	0.005760	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	10	-6.01	-0.008402	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	20	-18.75	-0.026213	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	30	-10.12	-0.005383	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	40	-8.95	-0.004761	±2.5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	NV	50	-7.48	-0.003979	±2.5	PASS



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Band12	3MHz	64QAM	23025	15RB#0	NV	-30	7.67	0.010949	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	-20	14.09	0.020114	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	0	8.67	0.012377	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	10	6.47	0.009236	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	20	10.37	0.014804	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	30	-6.63	-0.003527	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	40	-5.31	-0.002824	±2.5	PASS
Band12	3MHz	64QAM	23025	15RB#0	NV	50	-4.48	-0.002383	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-30	35.68	0.050431	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	-20	36.44	0.051505	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	0	27.68	0.039124	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	10	27.68	0.039124	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	20	26.65	0.037668	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	30	-2.75	-0.001463	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	40	-1.59	-0.000846	±2.5	PASS
Band12	3MHz	64QAM	23095	15RB#0	NV	50	-0.45	-0.000239	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-30	25.12	0.035157	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	-20	22.95	0.032120	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	0	25.63	0.035871	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	10	18.73	0.026214	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	20	8.68	0.012148	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	30	-9.87	-0.005250	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	40	-8.59	-0.004569	±2.5	PASS
Band12	3MHz	64QAM	23165	15RB#0	NV	50	-7.34	-0.003904	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	-30	3.60	0.005132	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	-20	4.82	0.006871	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	0	14.08	0.020071	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	10	8.07	0.011504	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	20	14.16	0.020185	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	30	-6.58	-0.003500	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	40	-5.26	-0.002798	±2.5	PASS
Band12	5MHz	64QAM	23035	25RB#0	NV	50	-3.74	-0.001989	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	-30	14.36	0.020297	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	-20	3.73	0.005272	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	0	3.03	0.004283	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	10	-4.52	-0.006389	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	20	-10.13	-0.014318	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	30	-2.63	-0.001399	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	40	-1.14	-0.000606	±2.5	PASS
Band12	5MHz	64QAM	23095	25RB#0	NV	50	0.24	0.000128	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-30	-14.91	-0.020897	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	-20	-28.10	-0.039383	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	0	-44.89	-0.062915	±2.5	PASS



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Test Report No.: W7L-P21120038RF05

Band12	5MHz	64QAM	23155	25RB#0	NV	10	-17.57	-0.024625	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	20	-11.42	-0.016006	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	30	-9.47	-0.005037	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	40	-8.87	-0.004718	±2.5	PASS
Band12	5MHz	64QAM	23155	25RB#0	NV	50	-7.26	-0.003862	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	-17.84	-0.025341	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	-17.80	-0.025284	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	-21.49	-0.030526	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	-33.82	-0.048040	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	-46.99	-0.066747	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	-6.34	-0.003372	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	-4.49	-0.002388	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	50	-3.27	-0.001739	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	-11.27	-0.015929	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	-20.73	-0.029300	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	-12.65	-0.017880	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-17.44	-0.024650	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-35.08	-0.049583	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	-2.45	-0.001303	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	-1.45	-0.000771	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	0.31	0.000165	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	-16.06	-0.022588	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	-12.67	-0.017820	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-30.26	-0.042560	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-23.82	-0.033502	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-20.86	-0.029339	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-9.12	-0.004851	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-7.98	-0.004245	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-6.42	-0.003415	±2.5	PASS



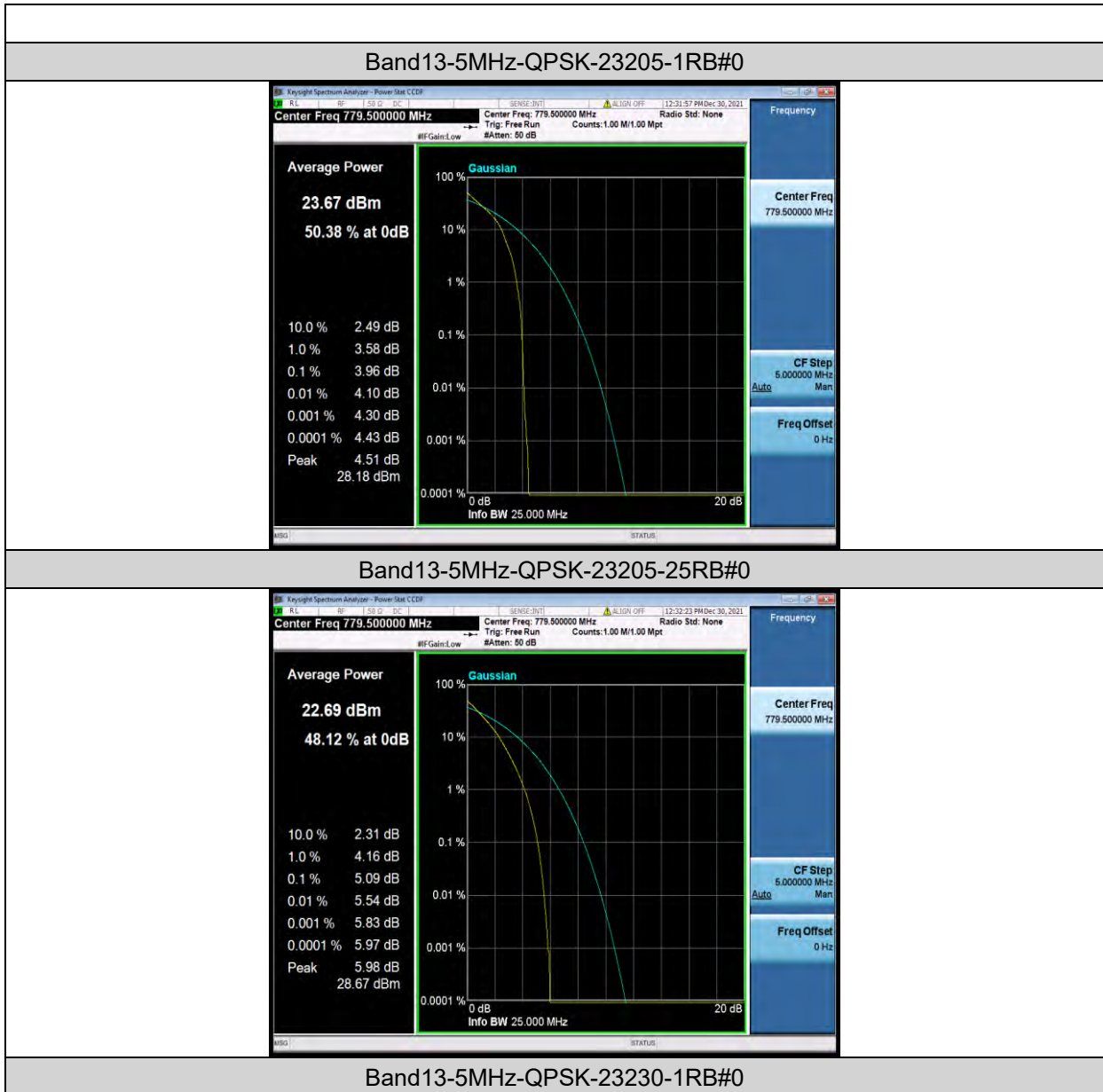
### LTE BAND13

### PEAK-TO-AVERAGE RATIO(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.96	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.09	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.32	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.21	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.72	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.22	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.08	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.88	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.19	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.95	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.28	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.09	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.98	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.32	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.93	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.10	13	PASS
Band13	5MHz	64QAM	23205	1RB#0	5.57	13	PASS
Band13	5MHz	64QAM	23205	25RB#0	6.11	13	PASS
Band13	5MHz	64QAM	23230	1RB#0	5.67	13	PASS
Band13	5MHz	64QAM	23230	25RB#0	6.23	13	PASS
Band13	5MHz	64QAM	23255	1RB#0	5.95	13	PASS
Band13	5MHz	64QAM	23255	25RB#0	6.26	13	PASS
Band13	10MHz	64QAM	23230	1RB#0	5.68	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.28	13	PASS

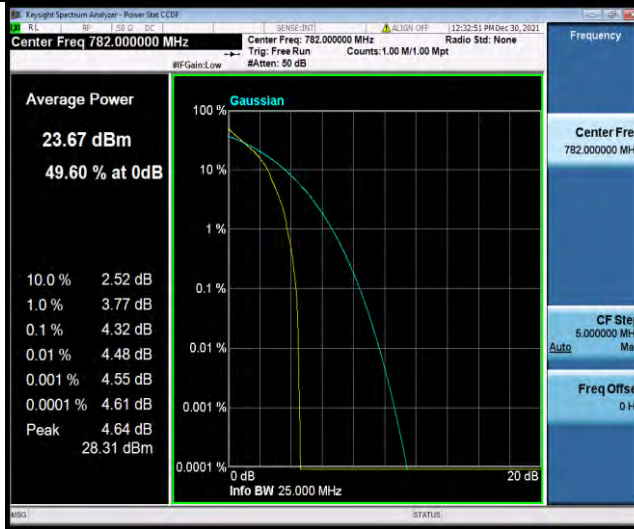
## Test Graphs



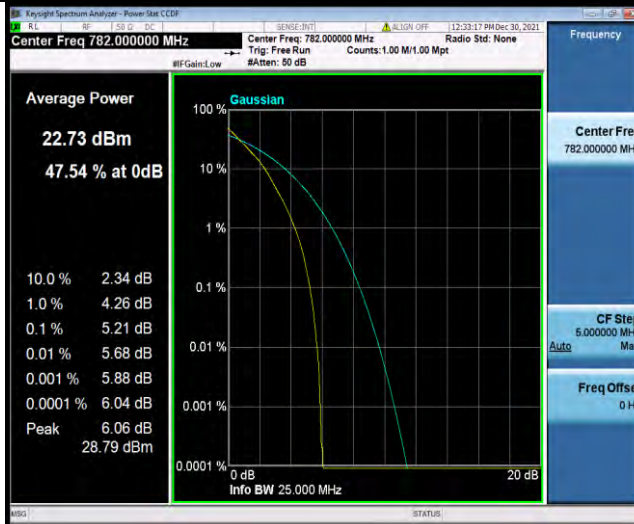


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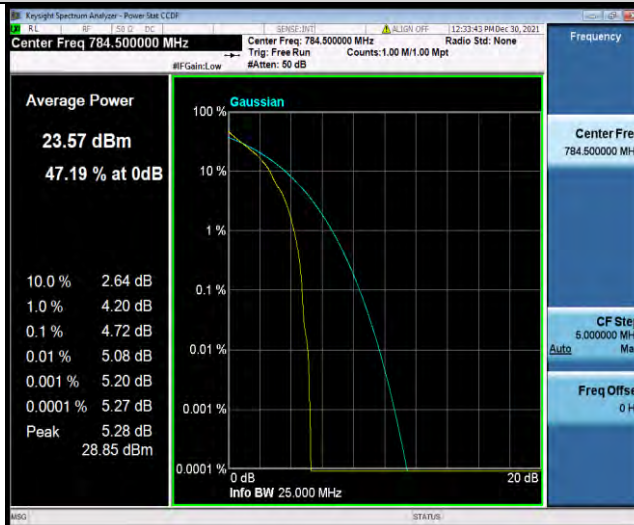
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-1RB#0

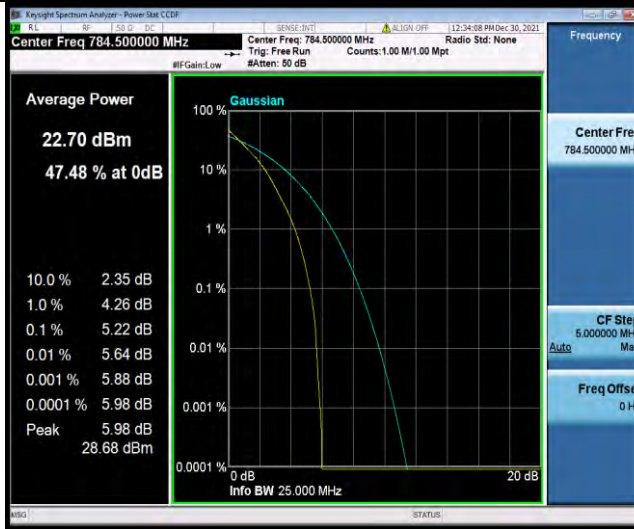


Band13-5MHz-QPSK-23255-25RB#0

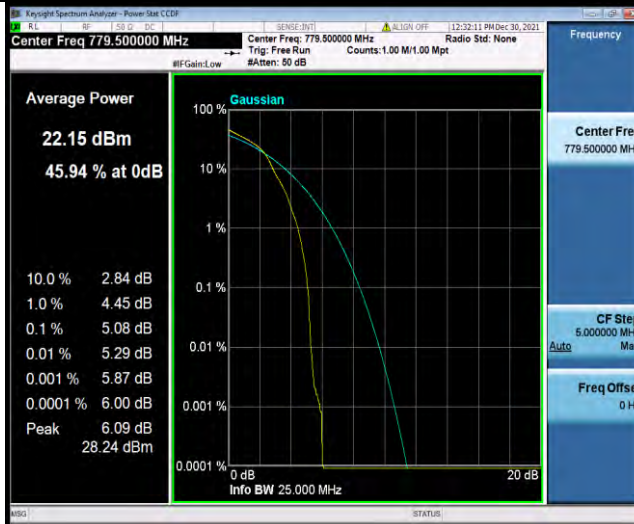


BUREAU VERITAS

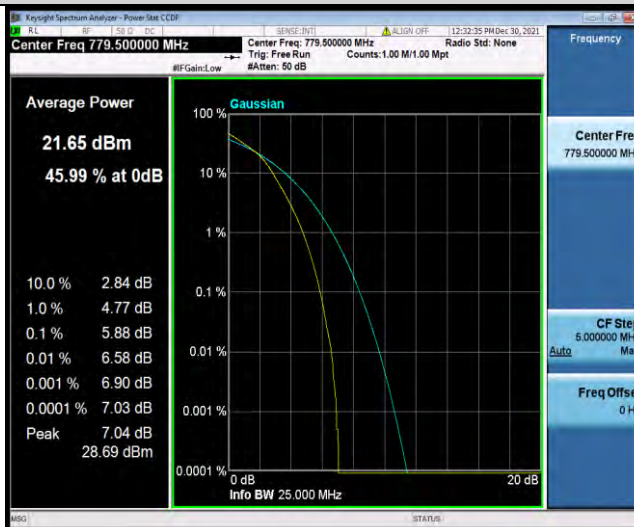
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0



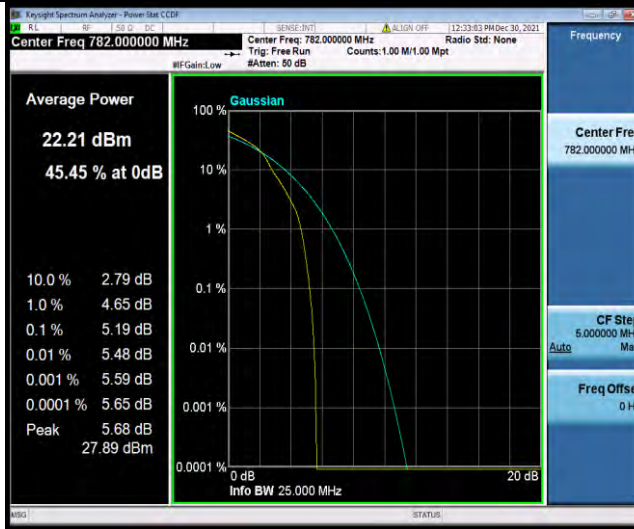
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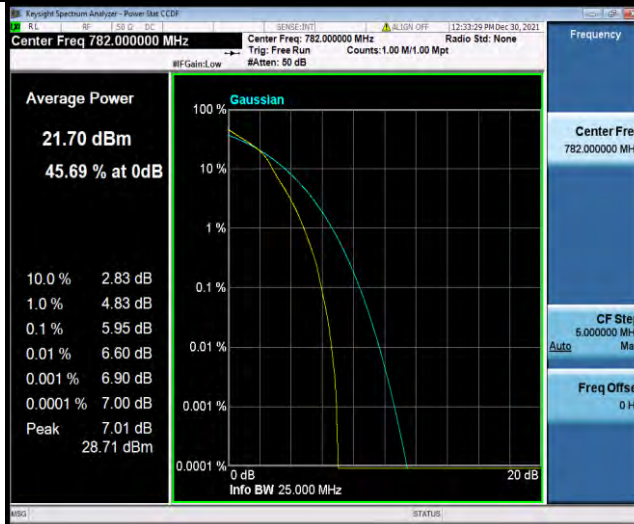


BUREAU VERITAS

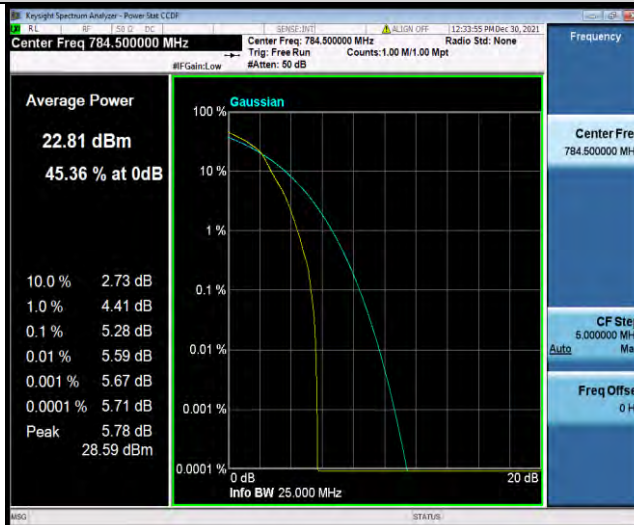
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-1RB#0



Band13-5MHz-16QAM-23255-25RB#0

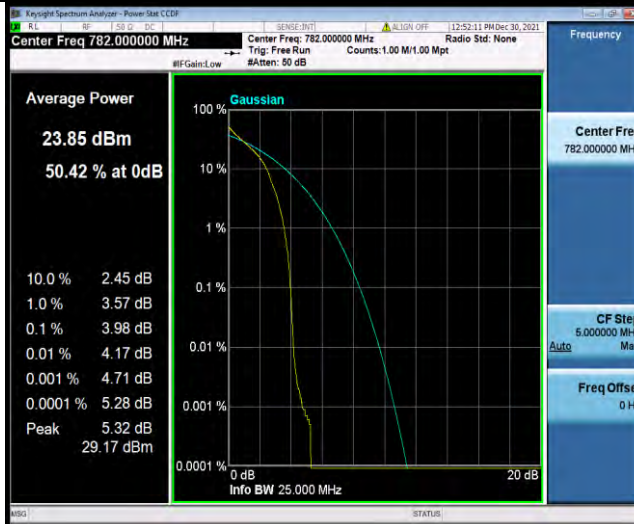


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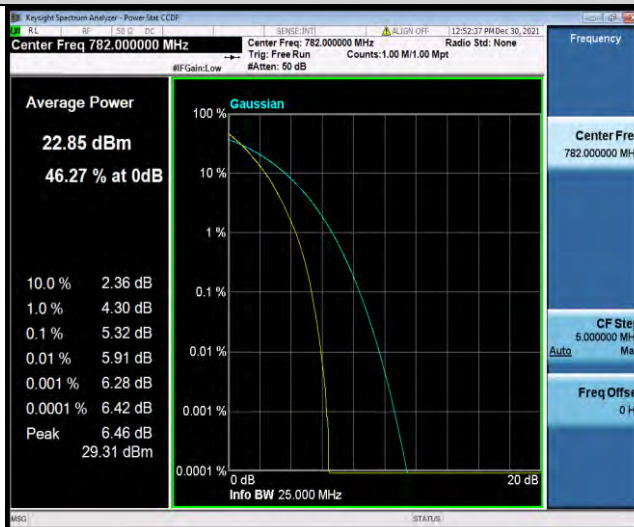
Test Report No.: W7L-P21120038RF05



Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-50RB#0

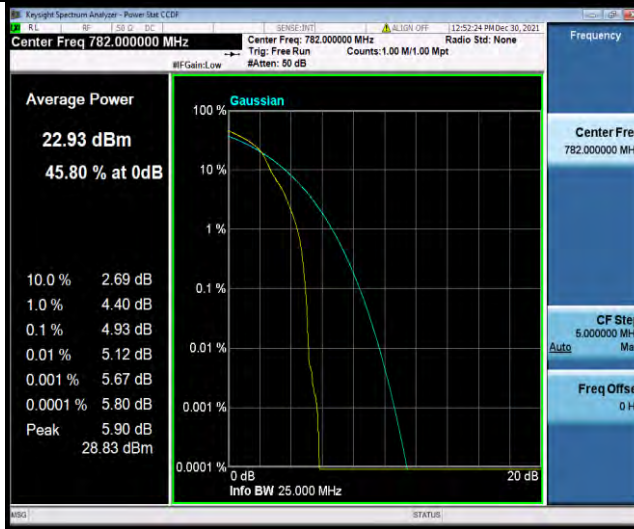


Band13-10MHz-16QAM-23230-1RB#0

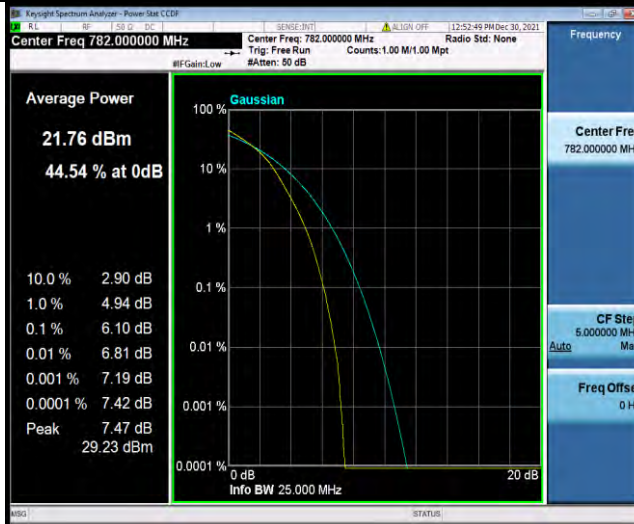


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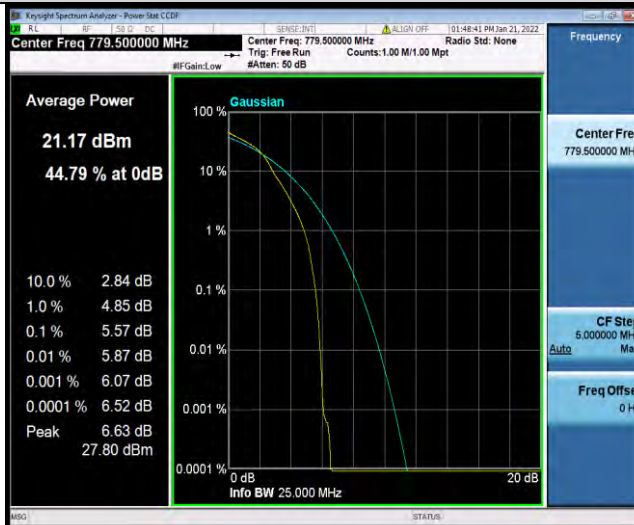
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Band13-10MHz-16QAM-23230-50RB#0



Band13-5MHz-64QAM-23205-1RB#0

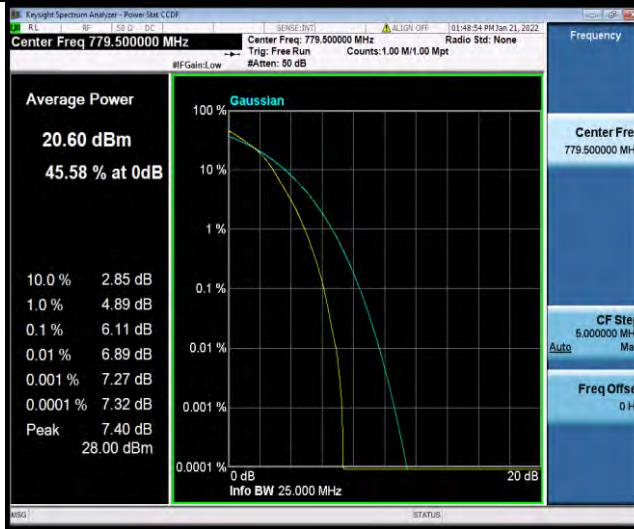


Band13-5MHz-64QAM-23205-25RB#0

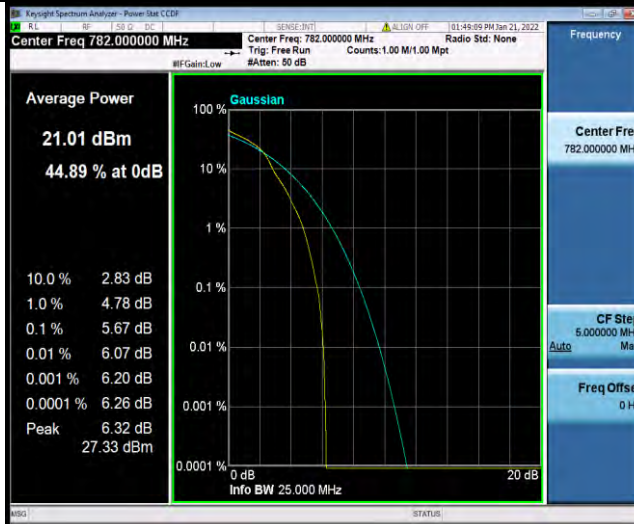


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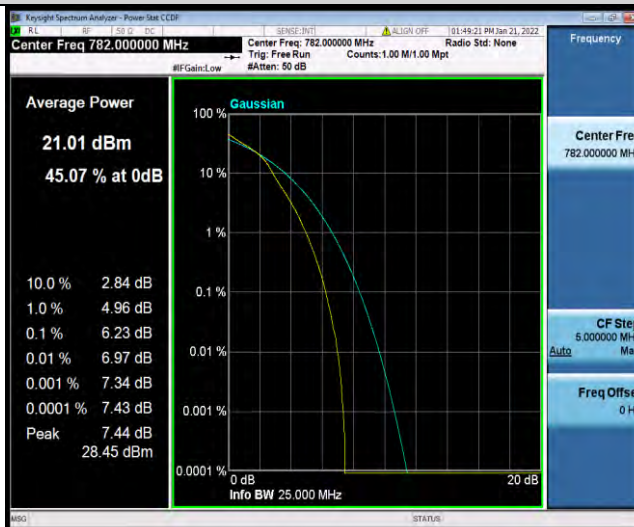
Test Report No.: W7L-P21120038RF05



Band13-5MHz-64QAM-23230-1RB#0



Band13-5MHz-64QAM-23230-25RB#0



Band13-5MHz-64QAM-23255-1RB#0

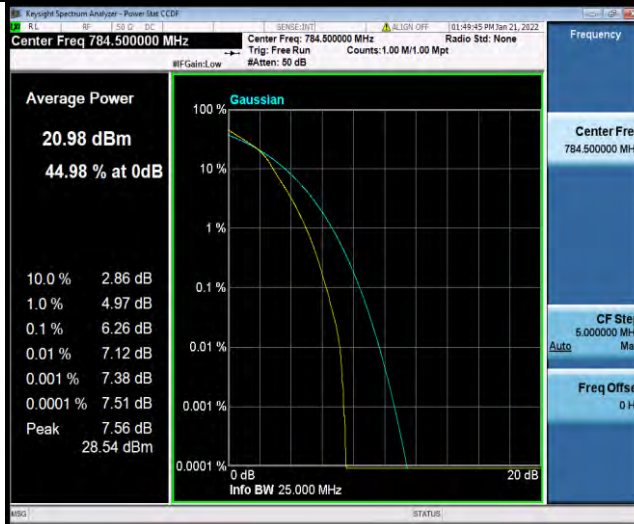


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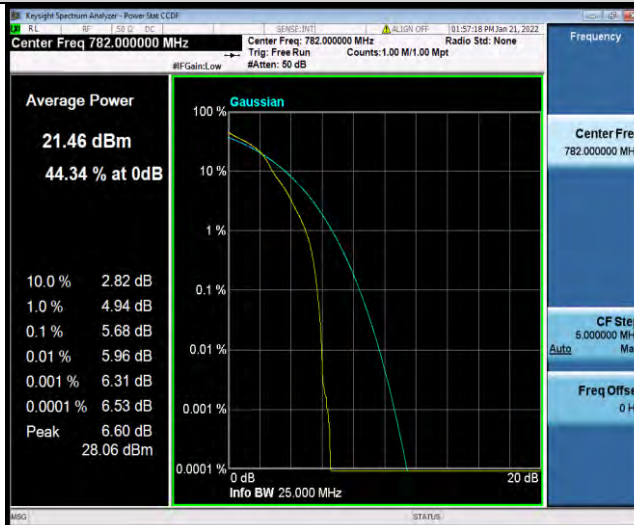
Test Report No.: W7L-P21120038RF05



Band13-5MHz-64QAM-23255-25RB#0



Band13-10MHz-64QAM-23230-1RB#0

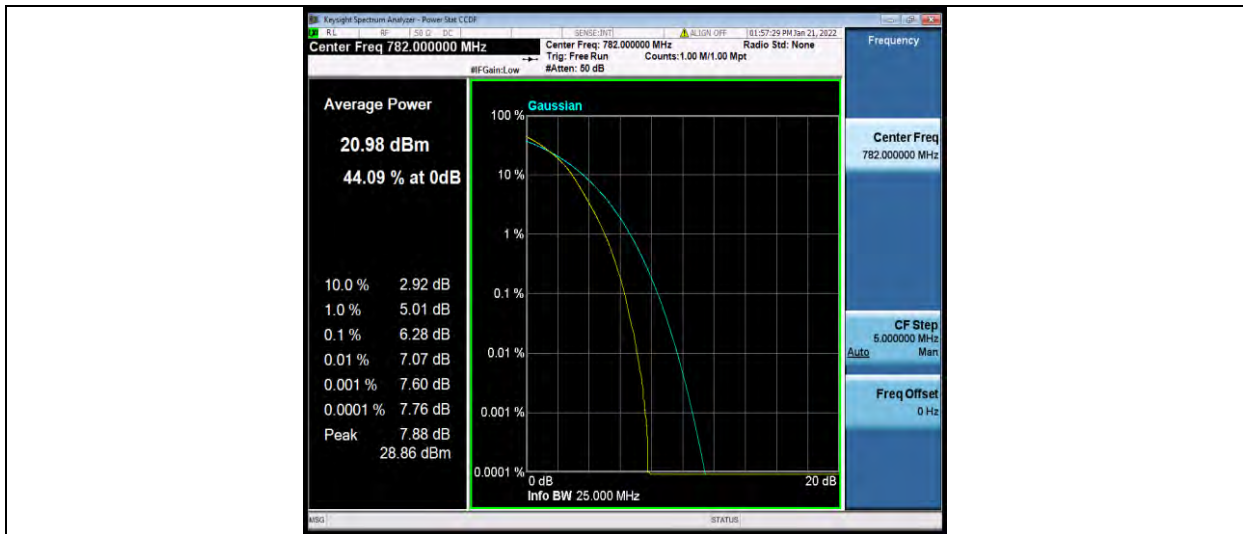


Band13-10MHz-64QAM-23230-50RB#0



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# Test Report No.: W7L-P21120038RF05





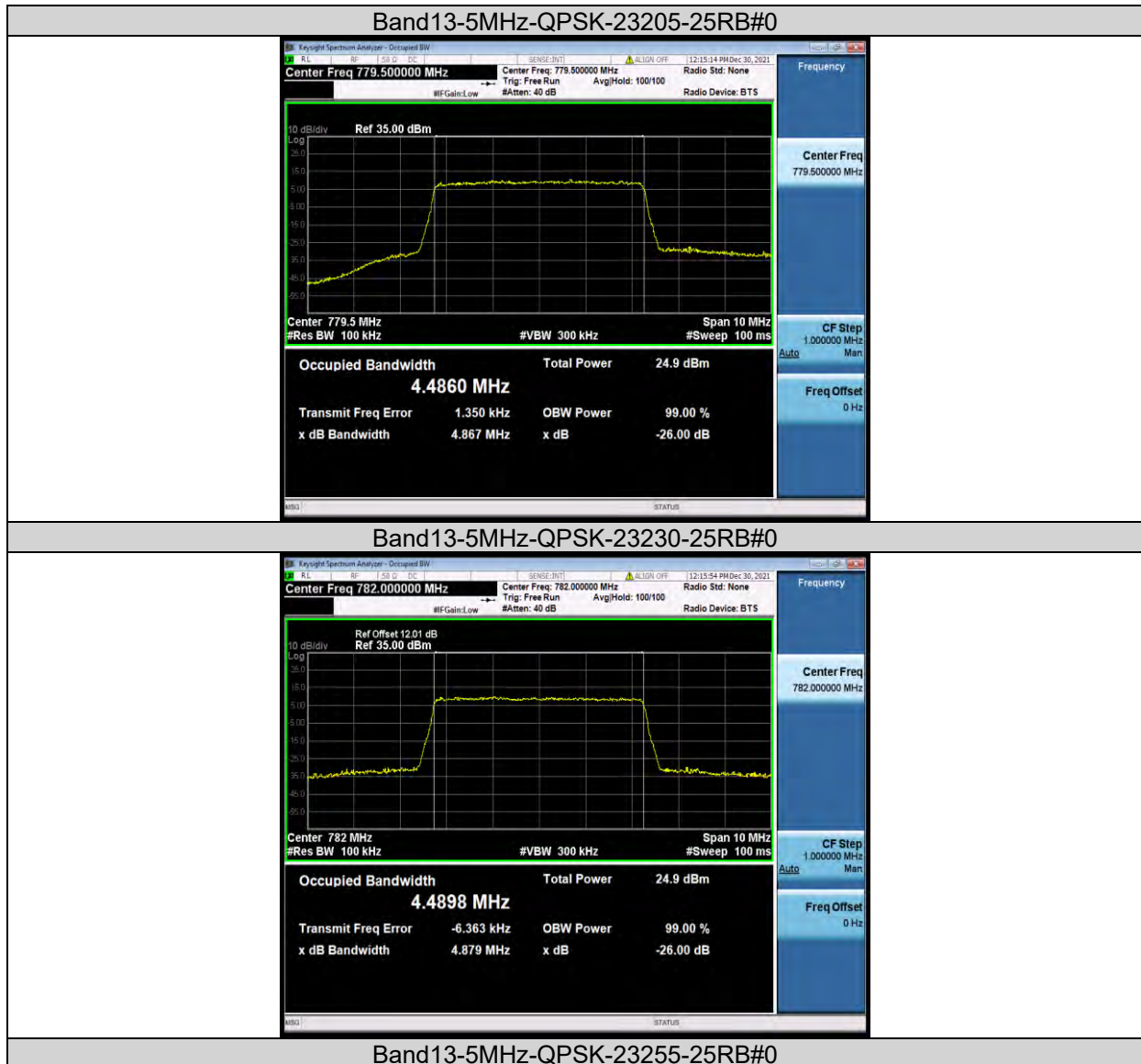
Test Report No.: W7L-P21120038RF05

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4860	4.867	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4898	4.879	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4936	4.891	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4849	4.840	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4995	4.869	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4965	4.860	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9700	9.566	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9502	9.555	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.4830	4.886	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.5031	4.876	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.4985	4.897	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.9538	9.542	PASS

## Test Graphs





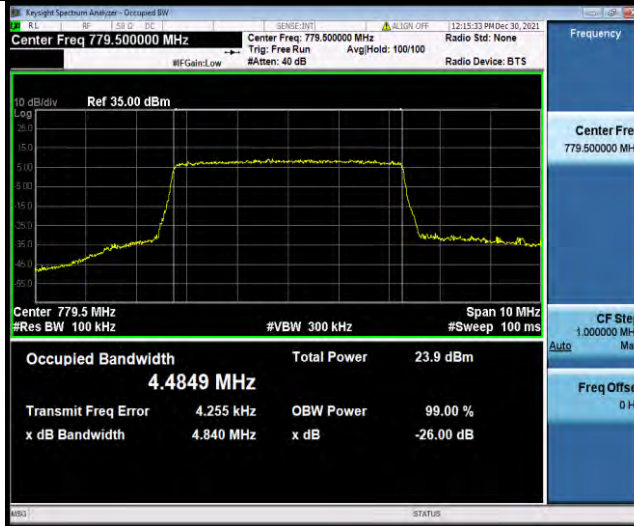


BUREAU VERITAS

### Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0

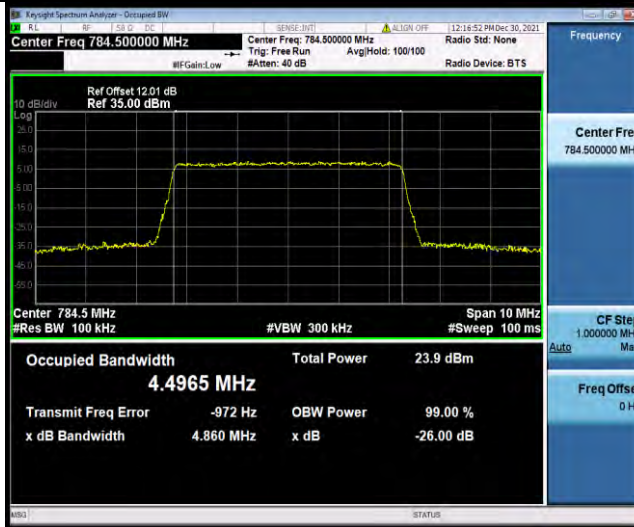


Band13-5MHz-16QAM-23255-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



Band13-5MHz-64QAM-23205-25RB#0

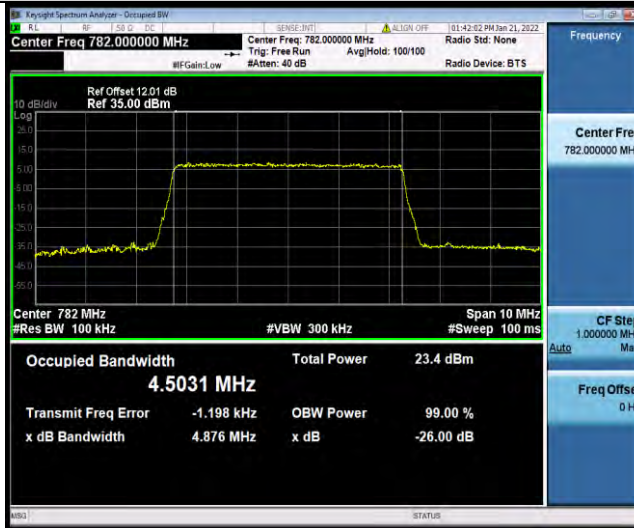


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band13-5MHz-64QAM-23230-25RB#0



Band13-5MHz-64QAM-23255-25RB#0



Band13-10MHz-64QAM-23230-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P21120038RF05





## BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-15.45	PASS
Band13	5MHz	QPSK	23205	25RB#0	-26.78	PASS
Band13	5MHz	QPSK	23255	1RB#24	-14.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	-26.63	PASS
Band13	5MHz	16QAM	23205	1RB#0	-16.86	PASS
Band13	5MHz	16QAM	23205	25RB#0	-28.73	PASS
Band13	5MHz	16QAM	23255	1RB#24	-17.47	PASS
Band13	5MHz	16QAM	23255	25RB#0	-28.34	PASS
Band13	10MHz	QPSK	23230	1RB#0	-18.59,-38.78	PASS
Band13	10MHz	QPSK	23230	1RB#49	-38.88,-19.29	PASS
Band13	10MHz	QPSK	23230	50RB#0	-30.31,-30.47	PASS
Band13	10MHz	16QAM	23230	1RB#0	-19.91,-39.69	PASS
Band13	10MHz	16QAM	23230	1RB#49	-38.91,-20.18	PASS
Band13	10MHz	16QAM	23230	50RB#0	-31.87,-31.38	PASS
Band13	5MHz	64QAM	23205	1RB#0	-18.34	PASS
Band13	5MHz	64QAM	23205	25RB#0	-29.91	PASS
Band13	5MHz	64QAM	23255	1RB#24	-18.75	PASS
Band13	5MHz	64QAM	23255	25RB#0	-29.02	PASS
Band13	10MHz	64QAM	23230	1RB#0	-20.64,-39.79	PASS
Band13	10MHz	64QAM	23230	1RB#49	-39.34,-21.63	PASS
Band13	10MHz	64QAM	23230	50RB#0	-33.45,-32.01	PASS

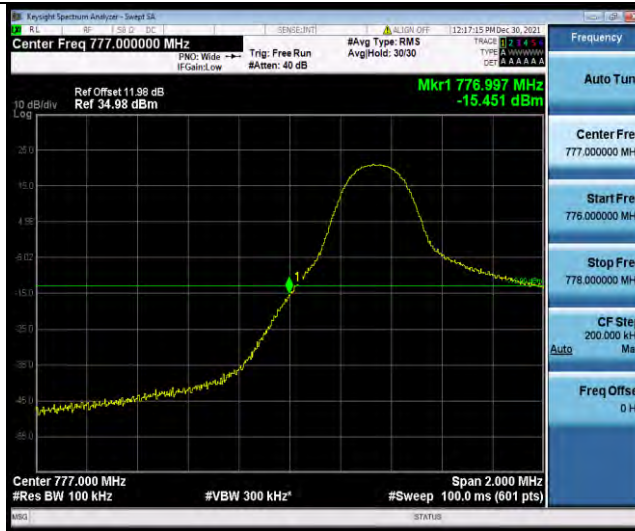
### Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



BUREAU VERITAS

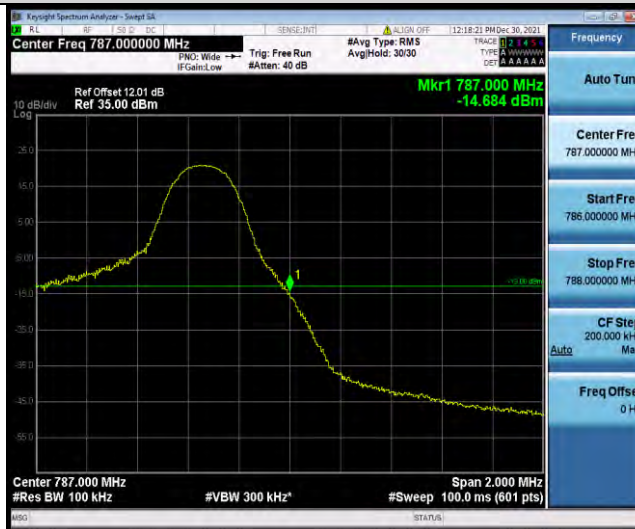
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23255-1RB#24



Band13-5MHz-QPSK-23255-25RB#0

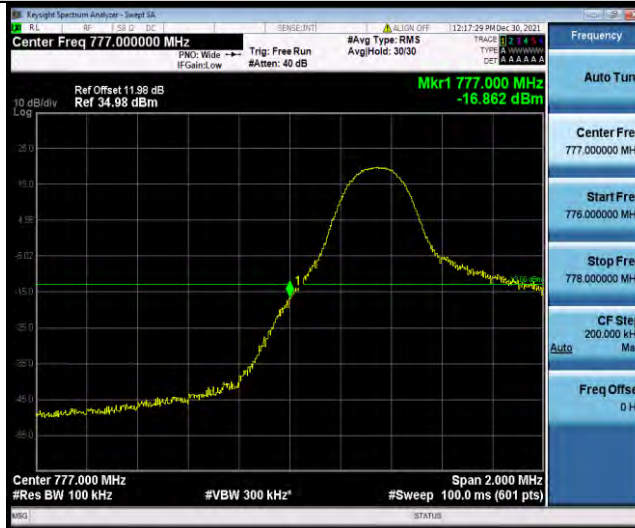


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0

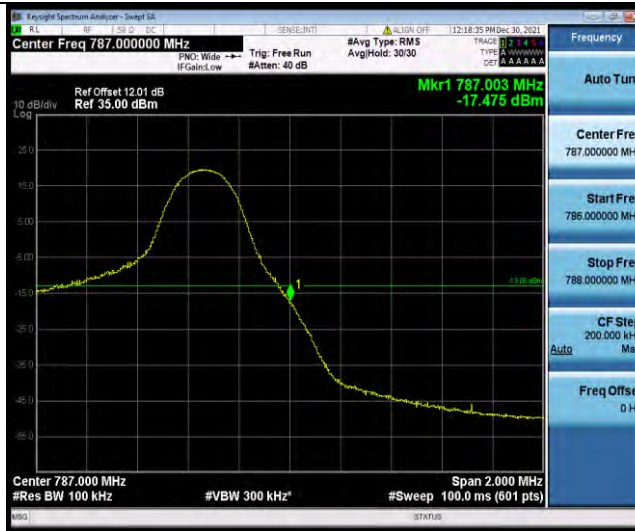


Band13-5MHz-16QAM-23255-1RB#24



BUREAU VERITAS

### Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23255-25RB#0



Band13-10MHz-QPSK-23230-1RB#0



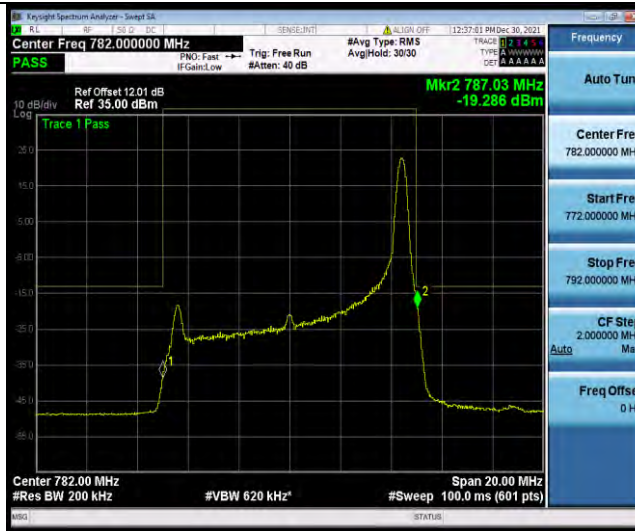
Band13-10MHz-QPSK-23230-1RB#49





BUREAU VERITAS

### Test Report No.: W7L-P21120038RF05



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-1RB#49



BUREAU VERITAS

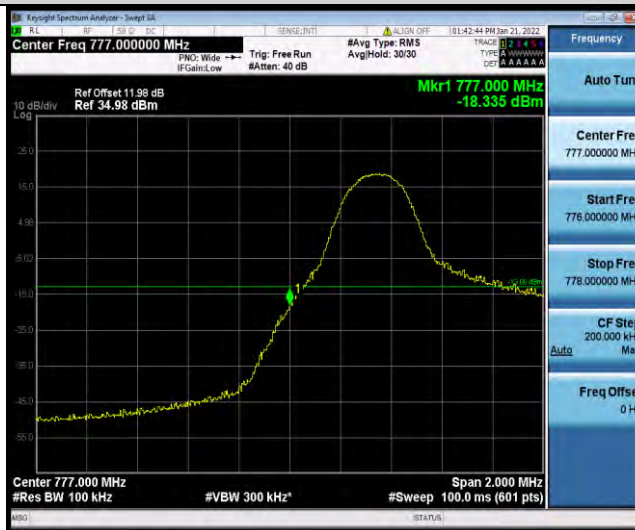
Test Report No.: W7L-P21120038RF05



Band13-10MHz-16QAM-23230-50RB#0



Band13-5MHz-64QAM-23205-1RB#0



Band13-5MHz-64QAM-23205-25RB#0



BUREAU VERITAS

### Test Report No.: W7L-P21120038RF05



Band13-5MHz-64QAM-23255-1RB#24



Band13-5MHz-64QAM-23255-25RB#0

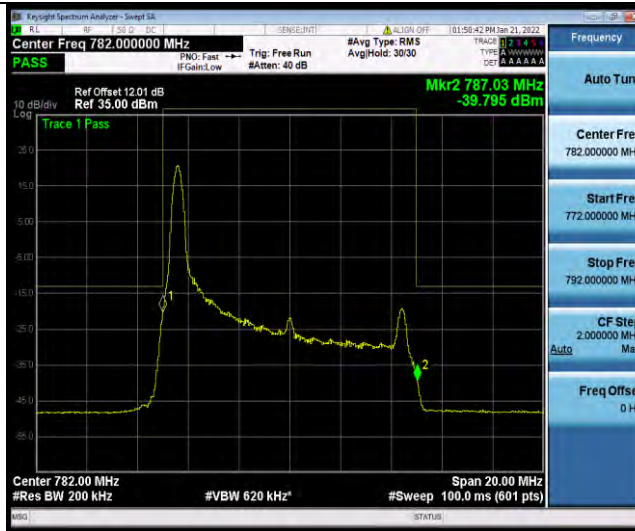


Band13-10MHz-64QAM-23230-1RB#0

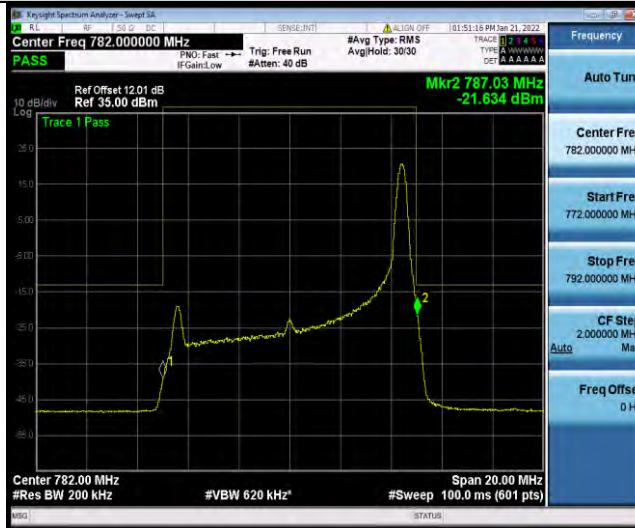


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band13-10MHz-64QAM-23230-1RB#49



Band13-10MHz-64QAM-23230-50RB#0





Test Report No.: W7L-P21120038RF05

## CONDUCTED SPURIOUS EMISSION

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-51.23	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-52.77	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-52	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-34.04	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-55.66	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-53.49	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-51.73	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-52.72	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.89	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-59.65	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-50.89	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-53.03	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-52.83	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.03	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-59.38	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-50.9	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-51.75	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-52.48	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-34.85	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-54.42	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-50.11	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-52.28	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-52.24	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-60.29	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-49.99	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-52.48	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-52.62	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-34.26	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-59.94	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-51.09	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-52.73	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-52.16	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.96	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-59.41	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-50.33	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-52.44	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-37.08	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.71	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-60.22	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range1:30~1000MHz	-41.02	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range2:1000~10000MHz	-34.8	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range3:1559~1610MHz	-59.83	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range1:30~1000MHz	-40.69	PASS

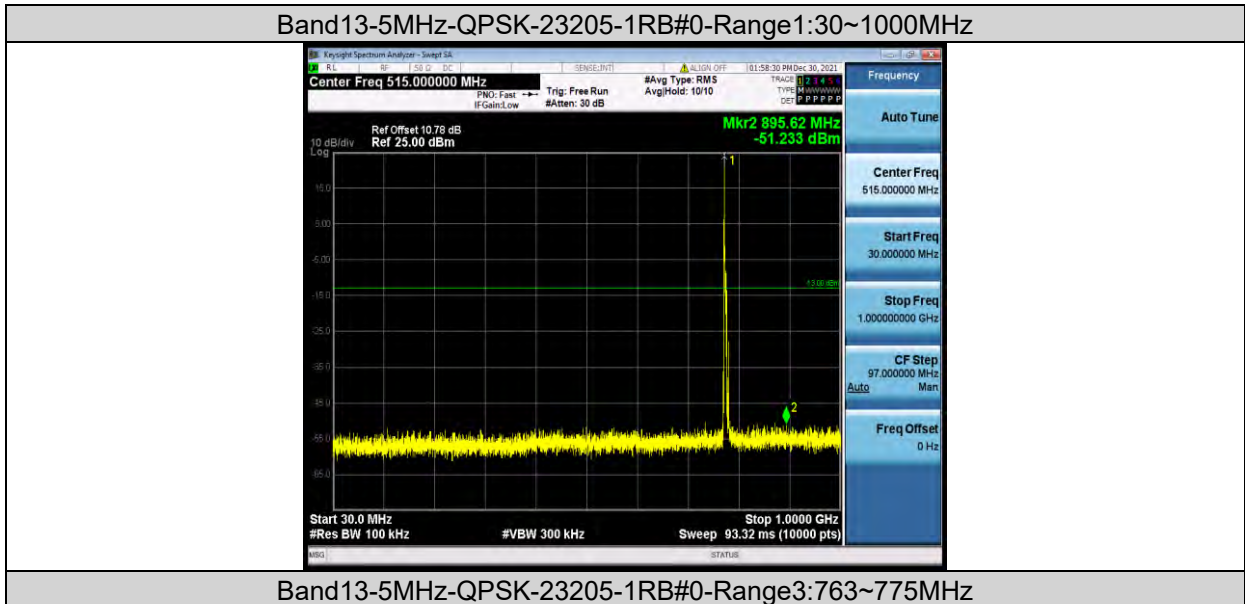


**BUREAU  
VERITAS**

**Test Report No.: W7L-P21120038RF05**

Band13	5MHz	64QAM	23230	1RB#0	Range2:1000~10000MHz	-33.6	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range3:1559~1610MHz	-51.99	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range1:30~1000MHz	-40.83	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range2:1000~10000MHz	-35.46	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range3:1559~1610MHz	-50.12	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range1:30~1000MHz	-40.5	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range2:1000~10000MHz	-35.04	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range3:1559~1610MHz	-59.74	PASS

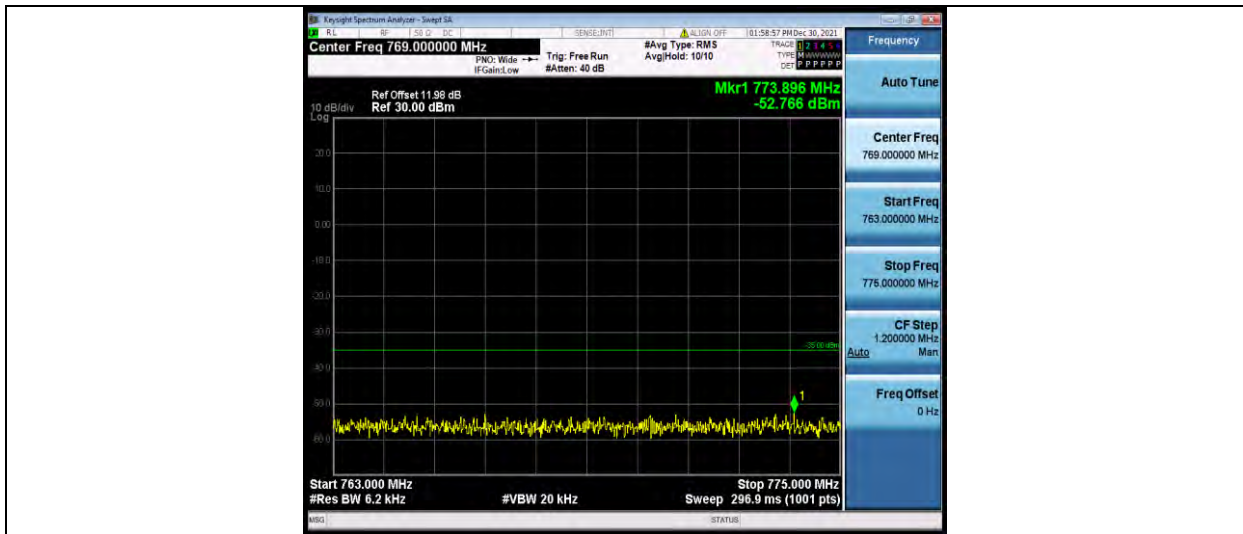
**Test Graphs**



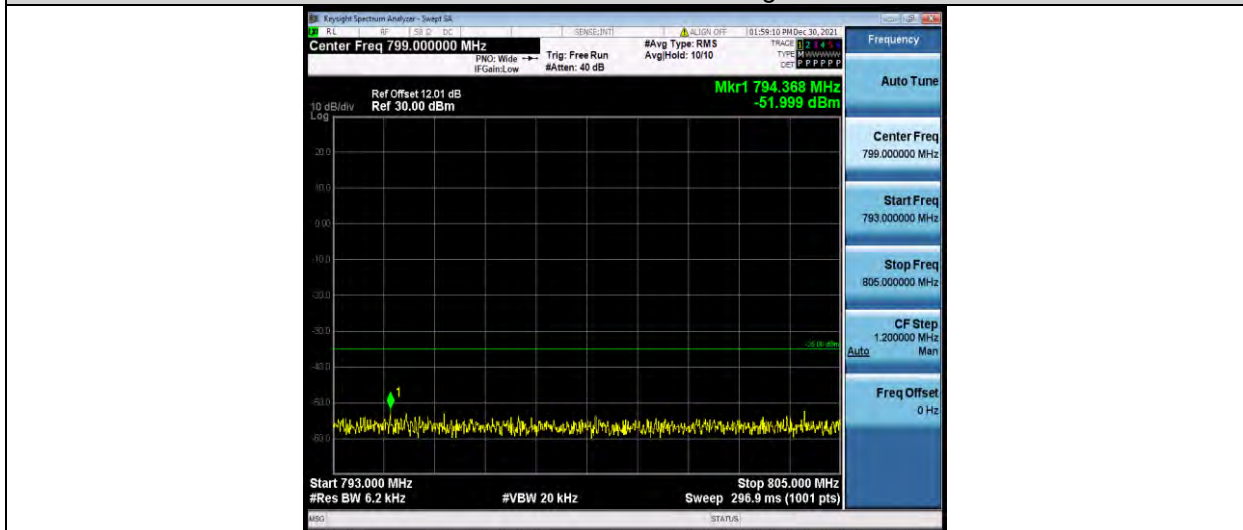


BUREAU VERITAS

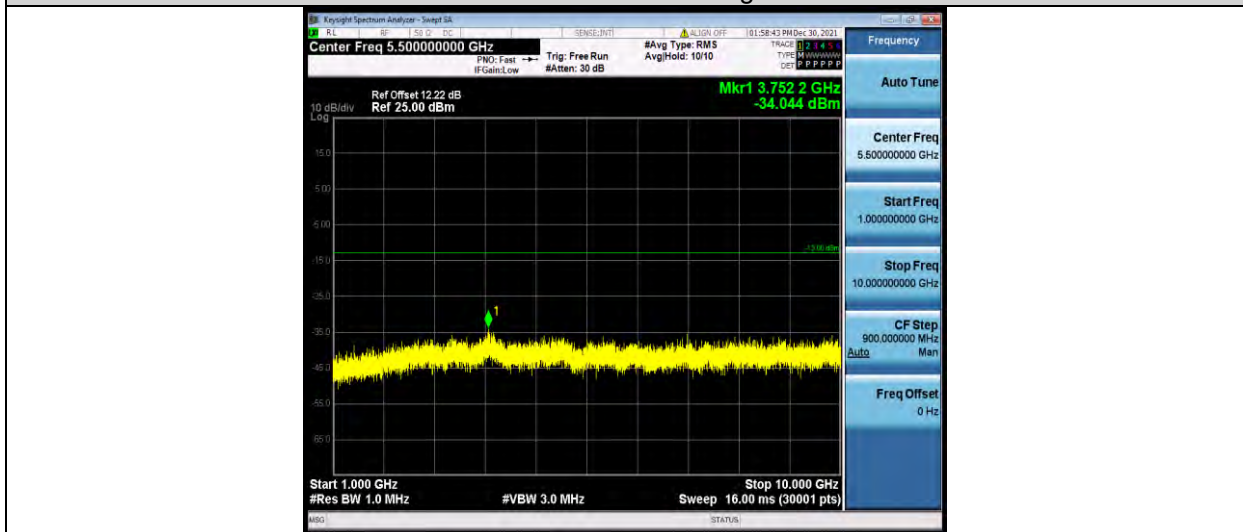
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



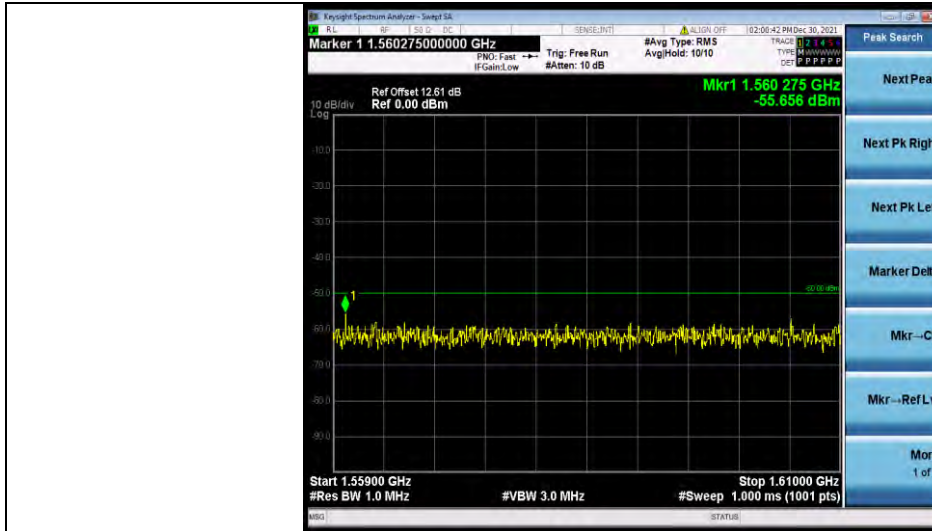
Band 13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



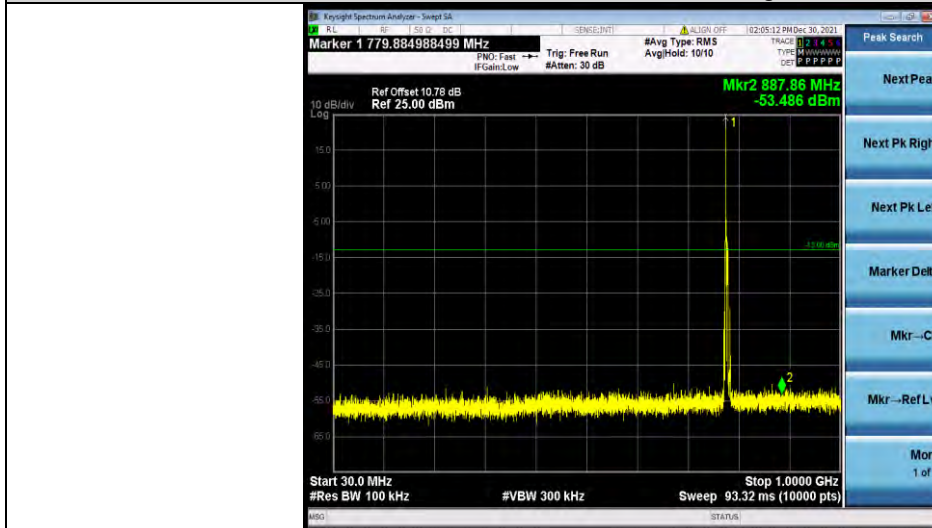
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



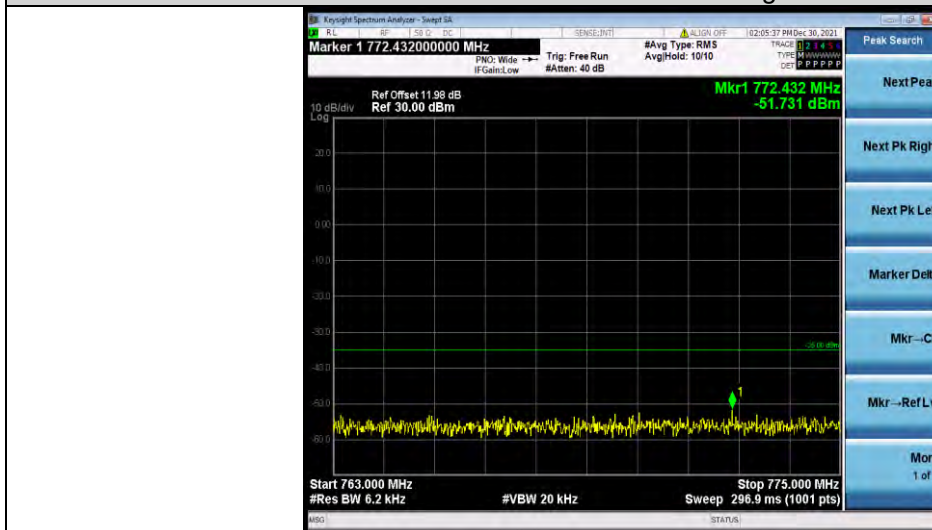
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



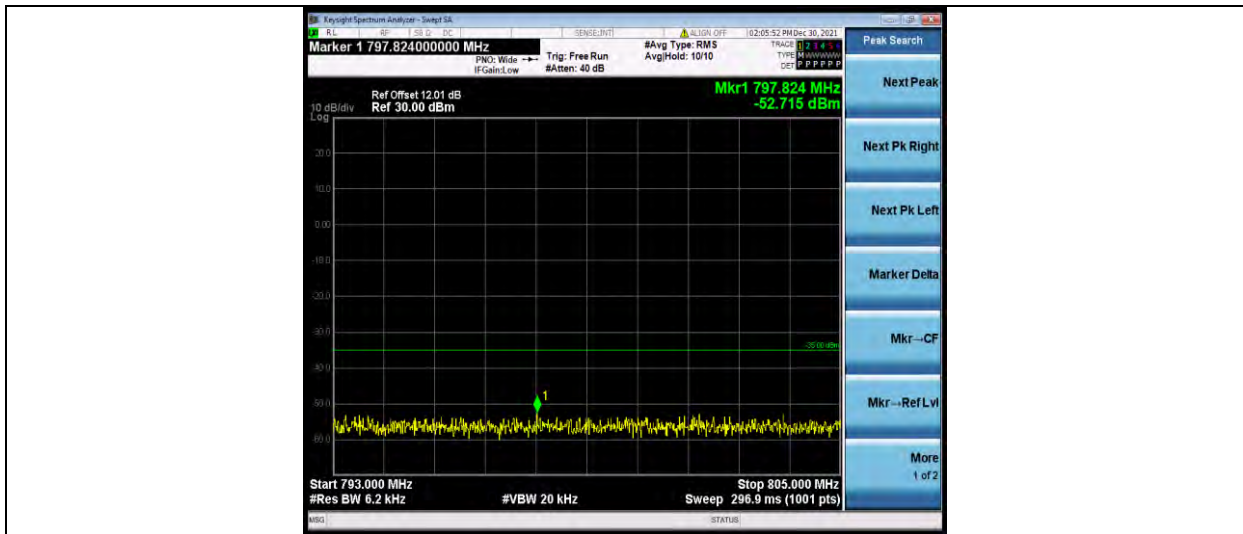
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



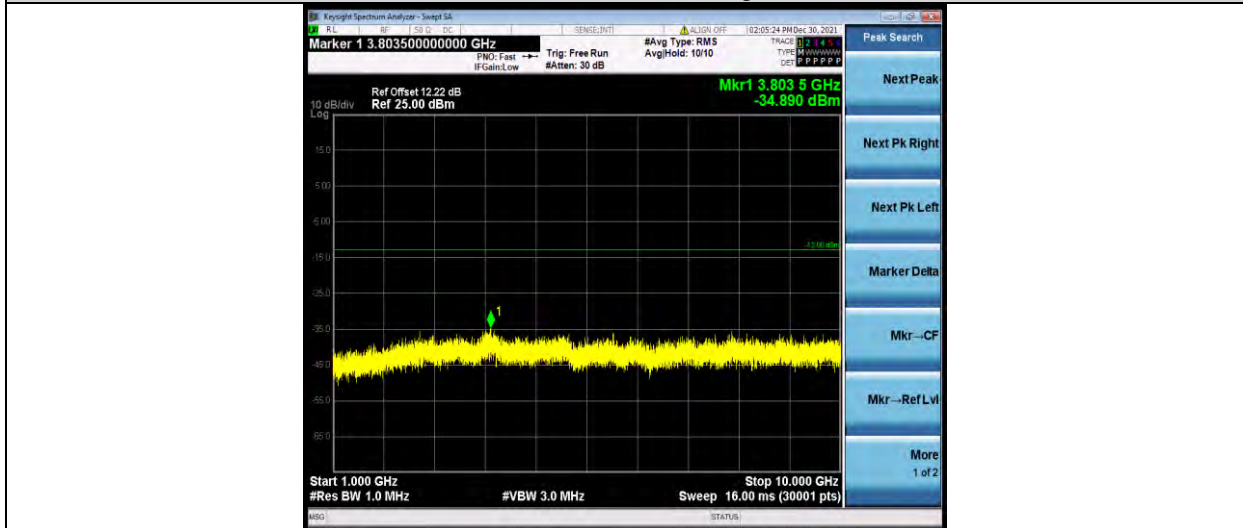


BUREAU VERITAS

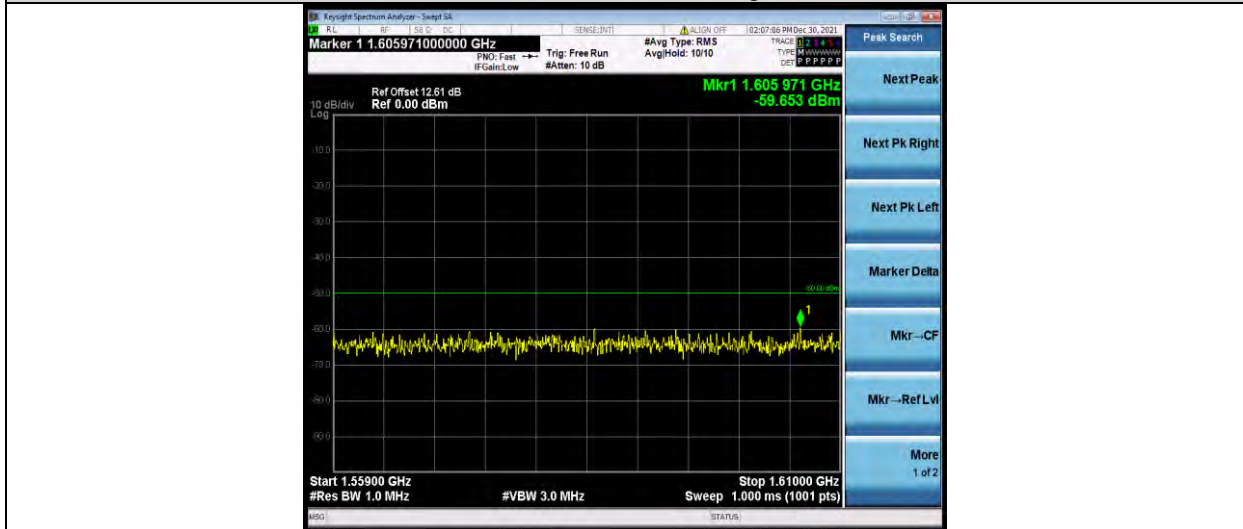
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23230-1RB#0-Range2: 1000~10000MHz



Band13-5MHz-QPSK-23230-1RB#0-Range5: 1559~1610MHz

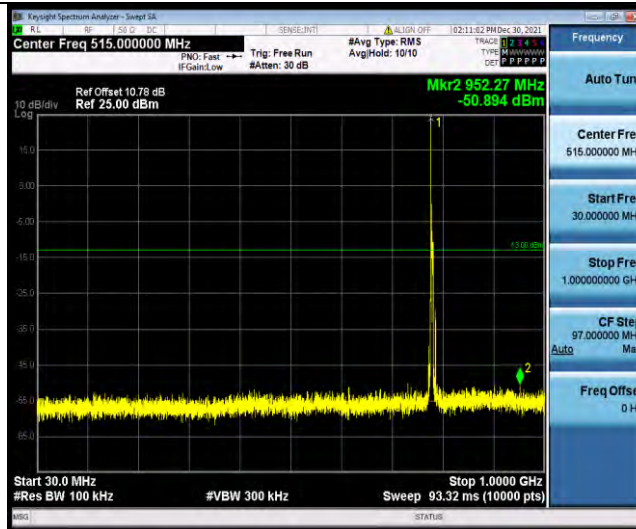


Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz

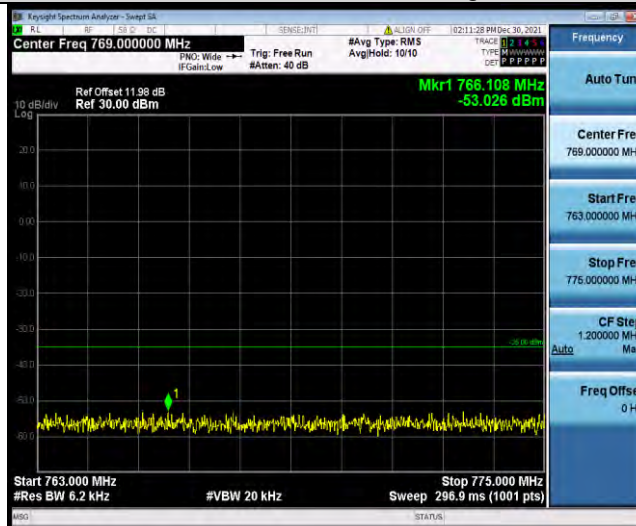


BUREAU VERITAS

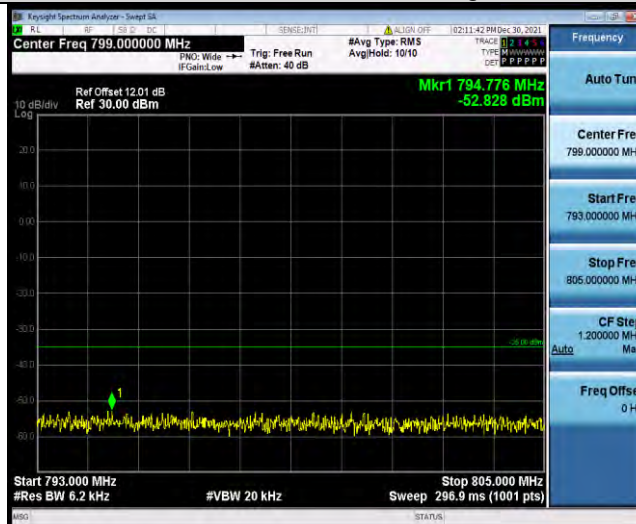
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz

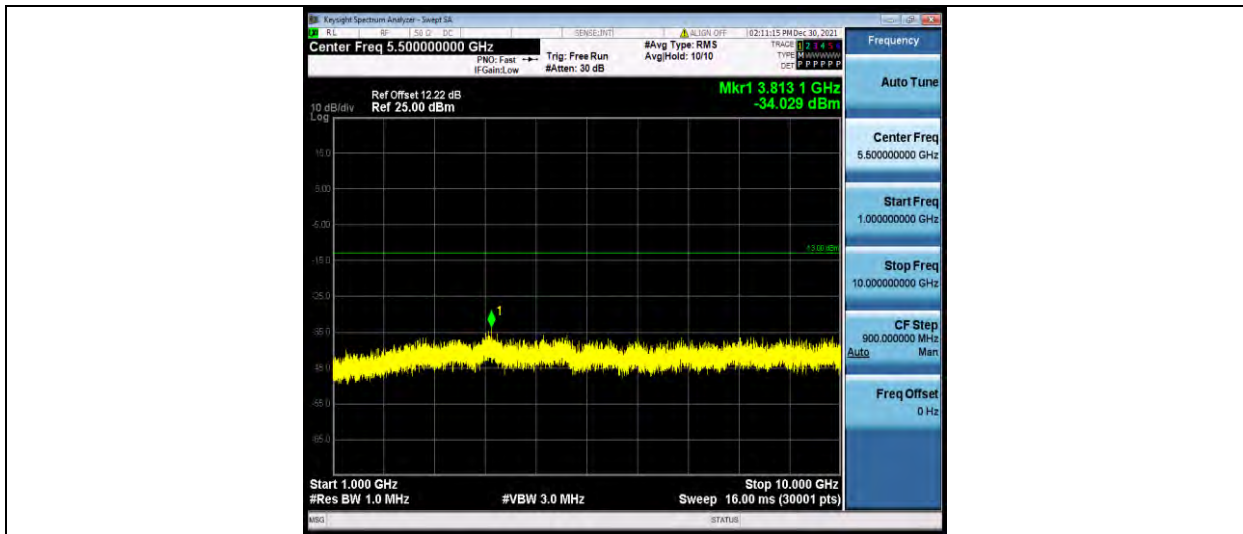


Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz

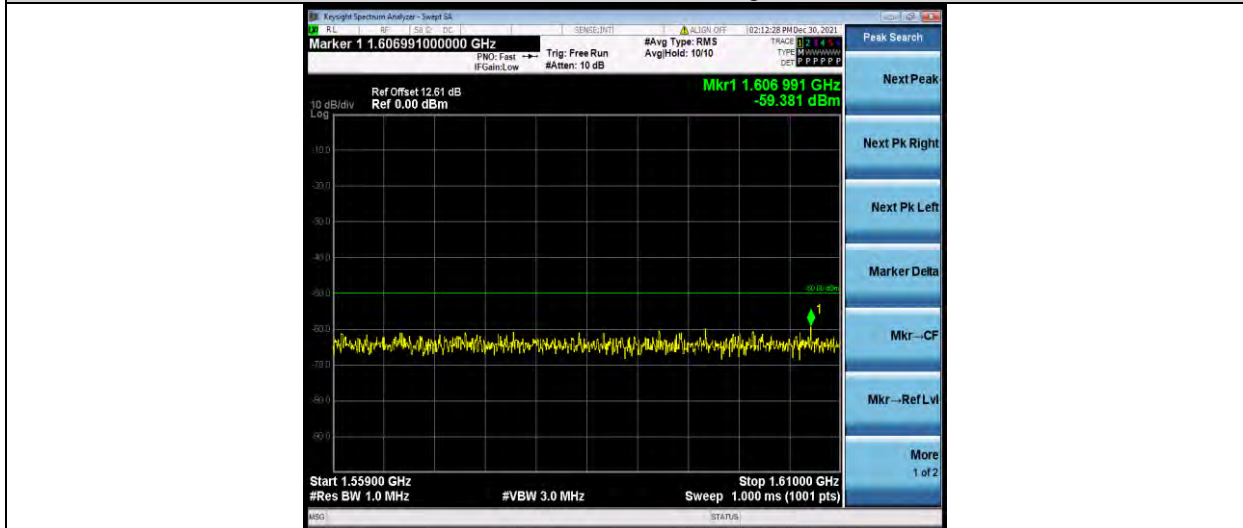


BUREAU VERITAS

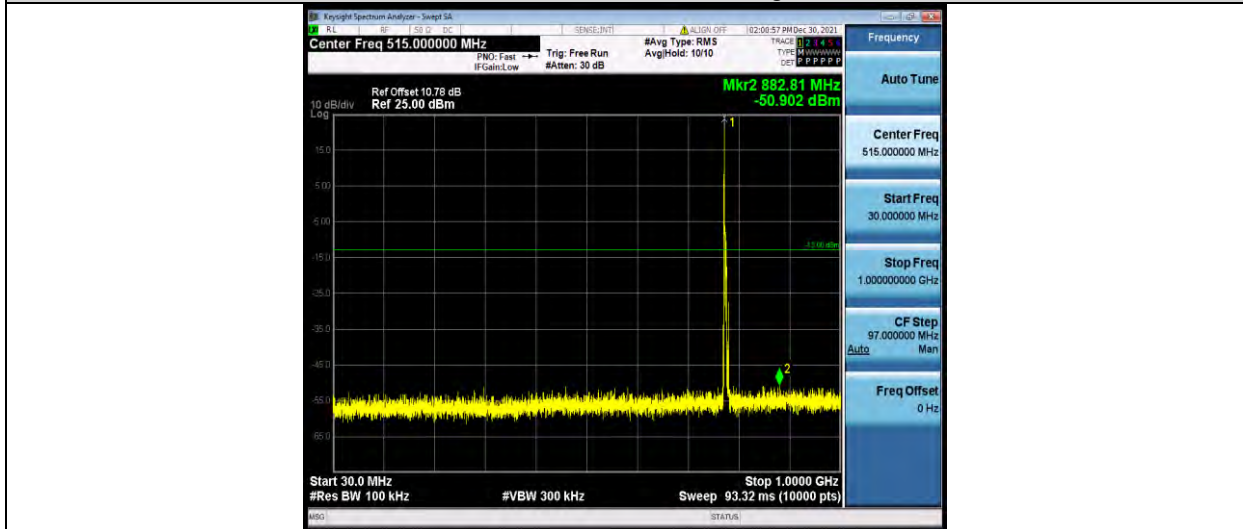
Test Report No.: W7L-P21120038RF05



Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz

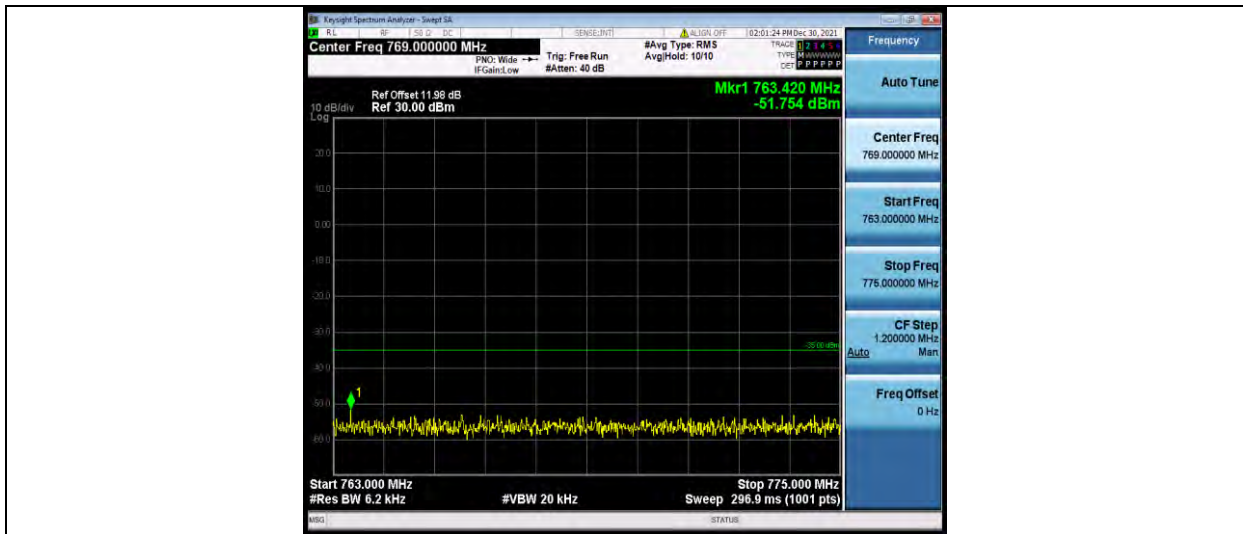


Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz

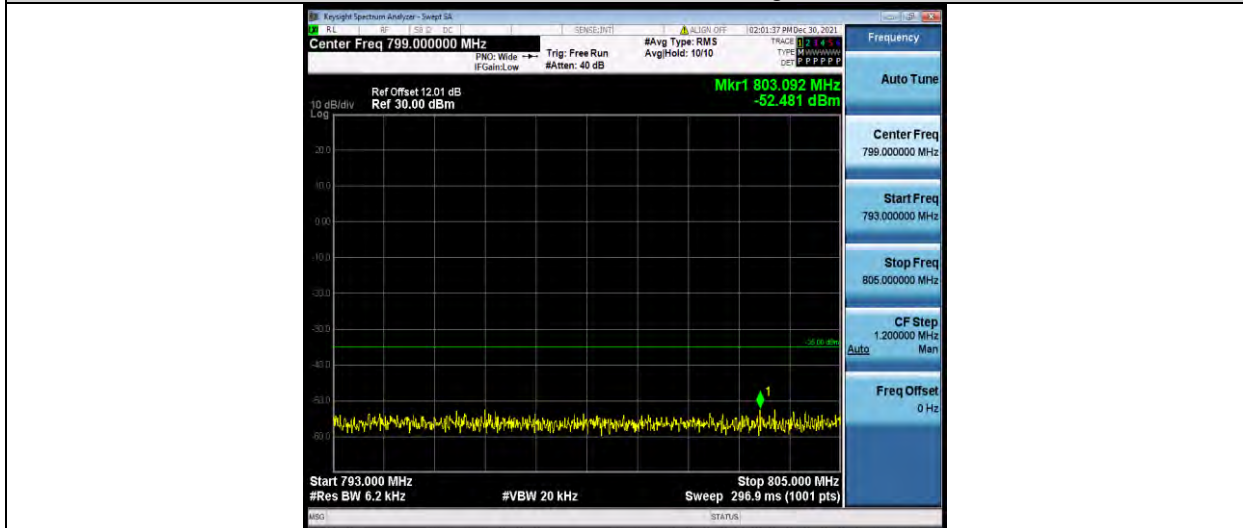


BUREAU VERITAS

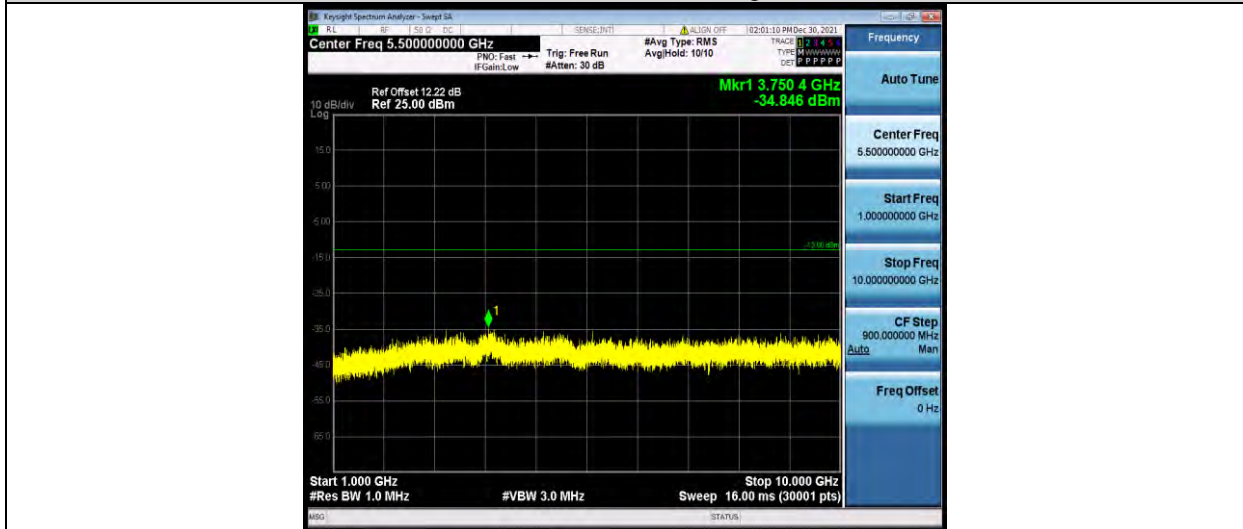
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~1000MHz

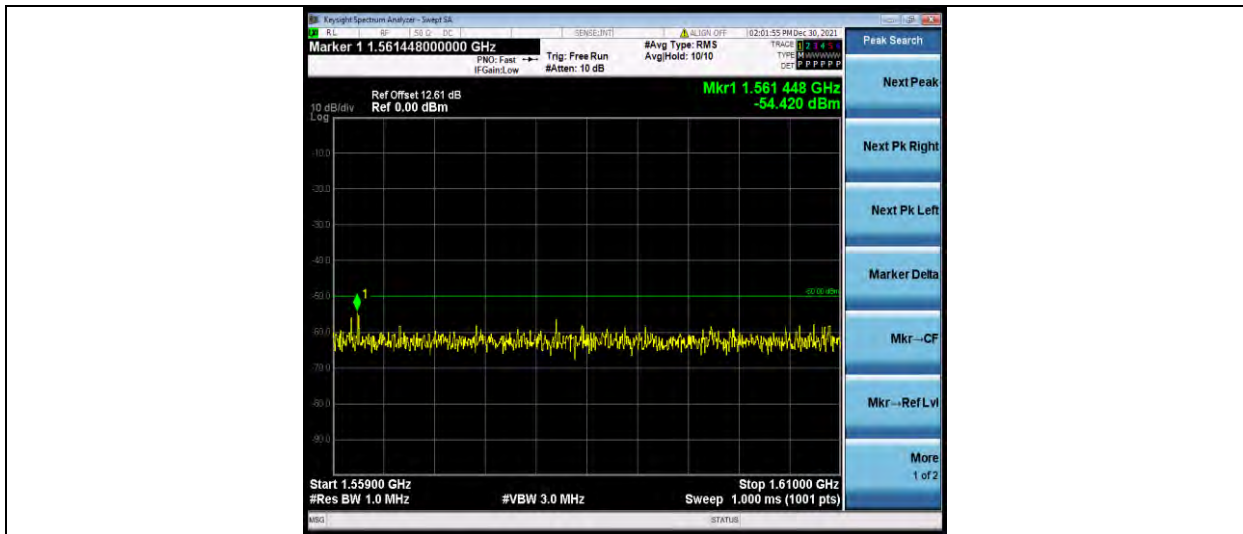


Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz

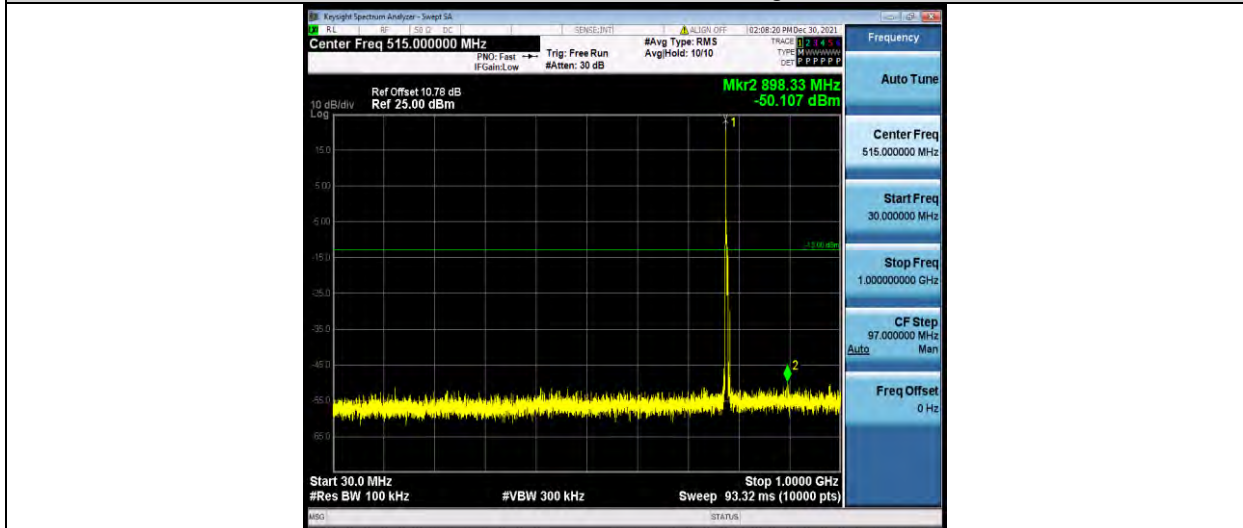


BUREAU VERITAS

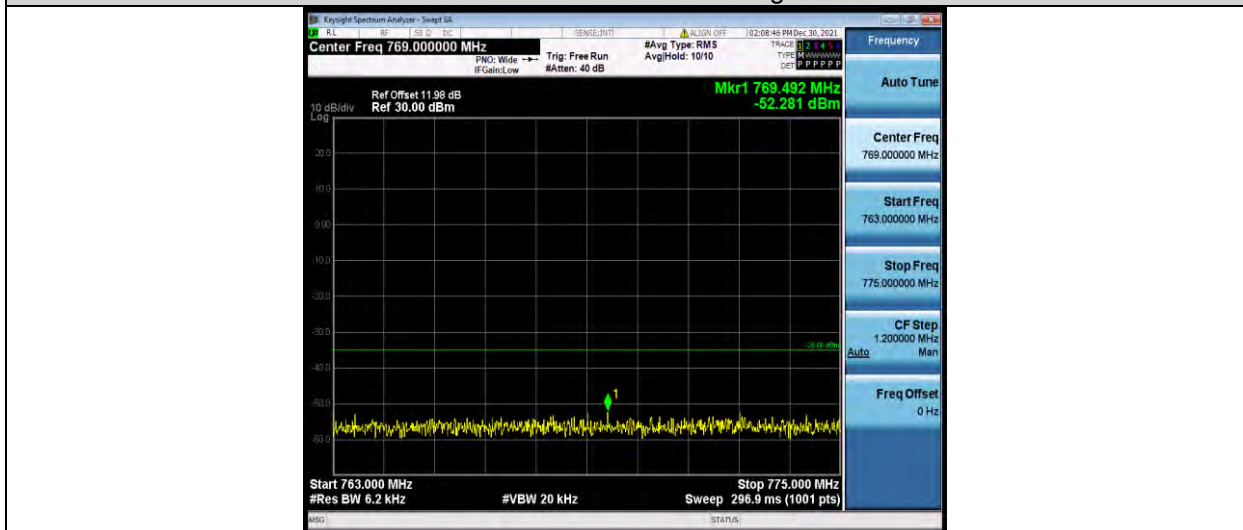
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz

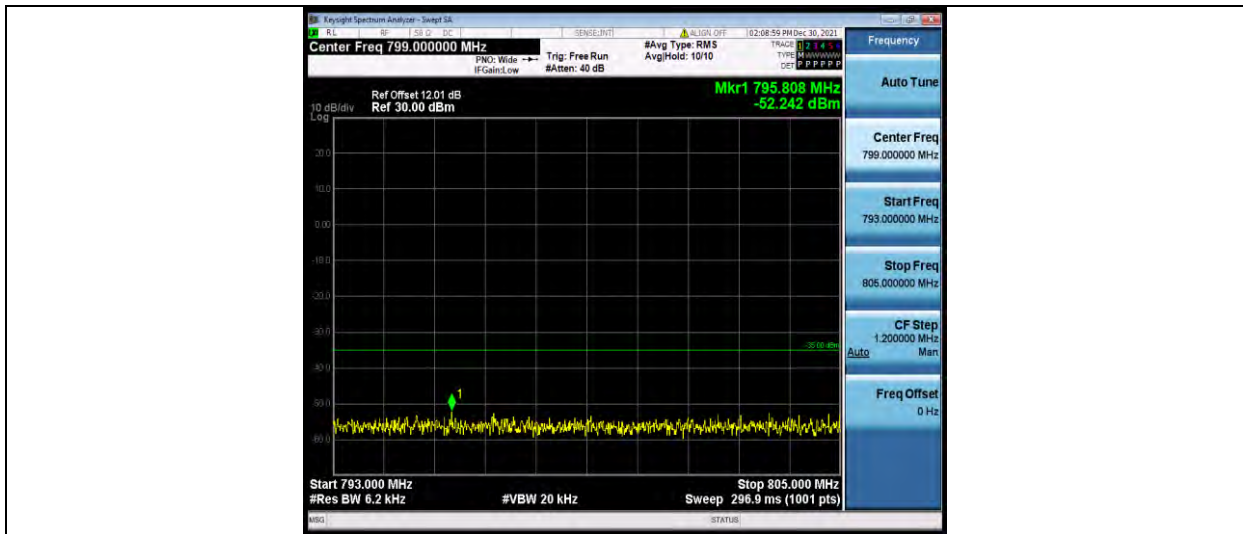


Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



BUREAU VERITAS

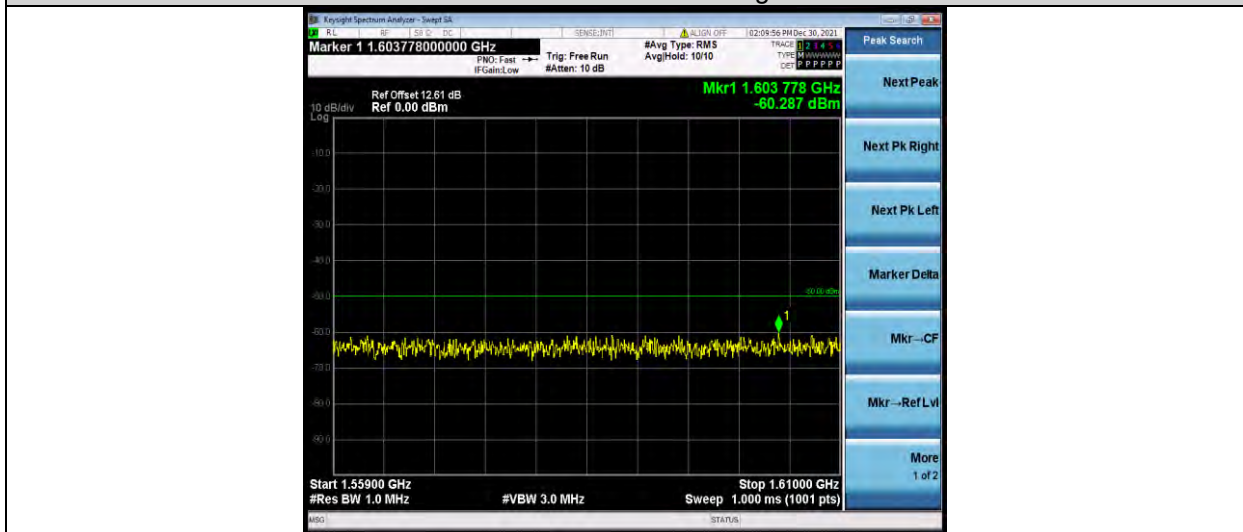
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

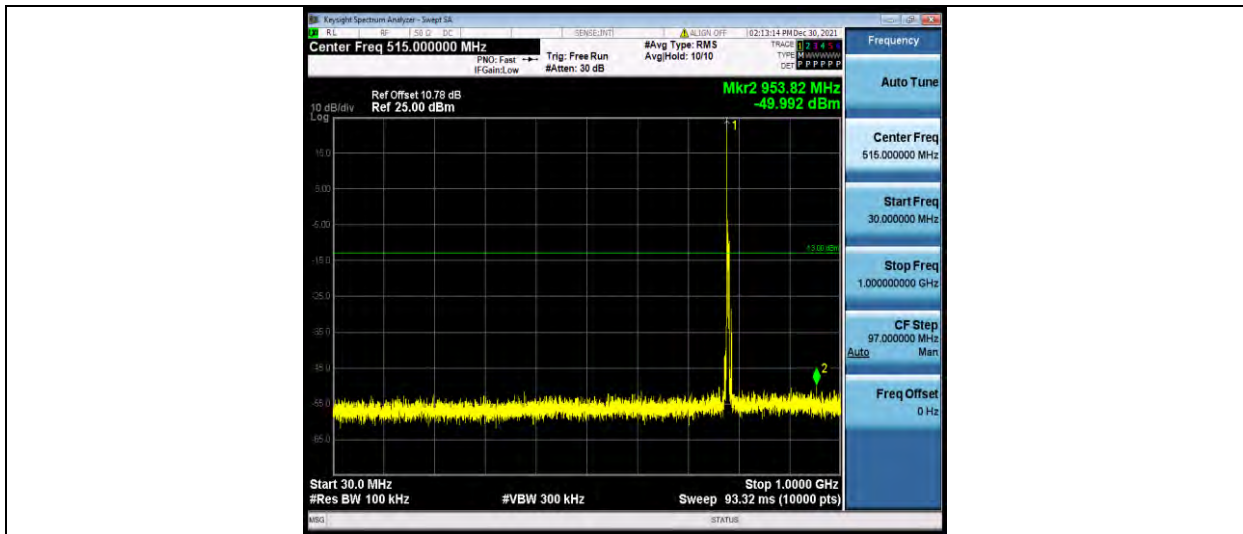


Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz

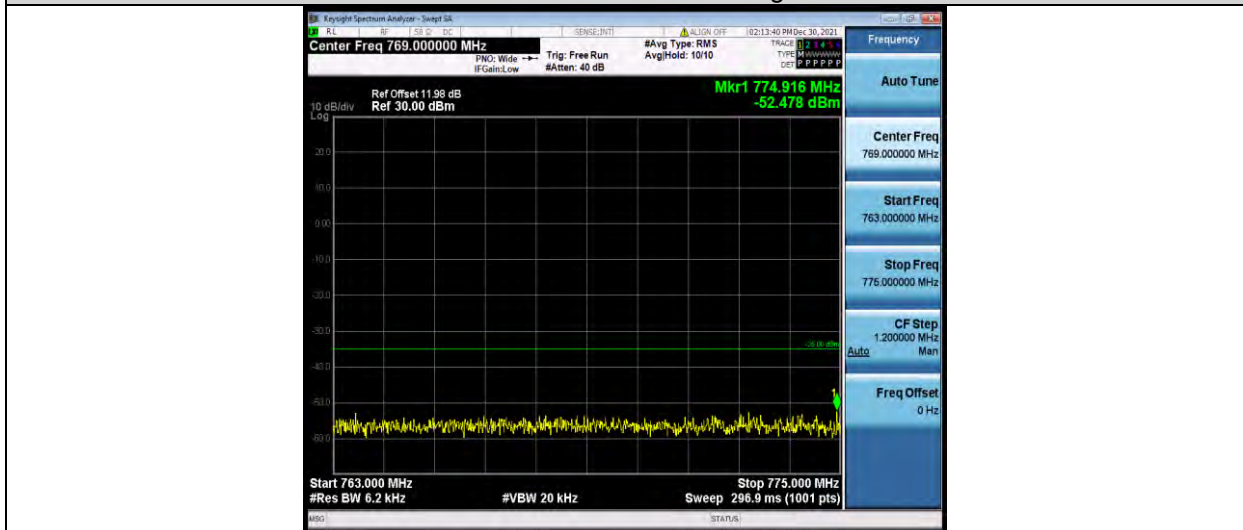


BUREAU VERITAS

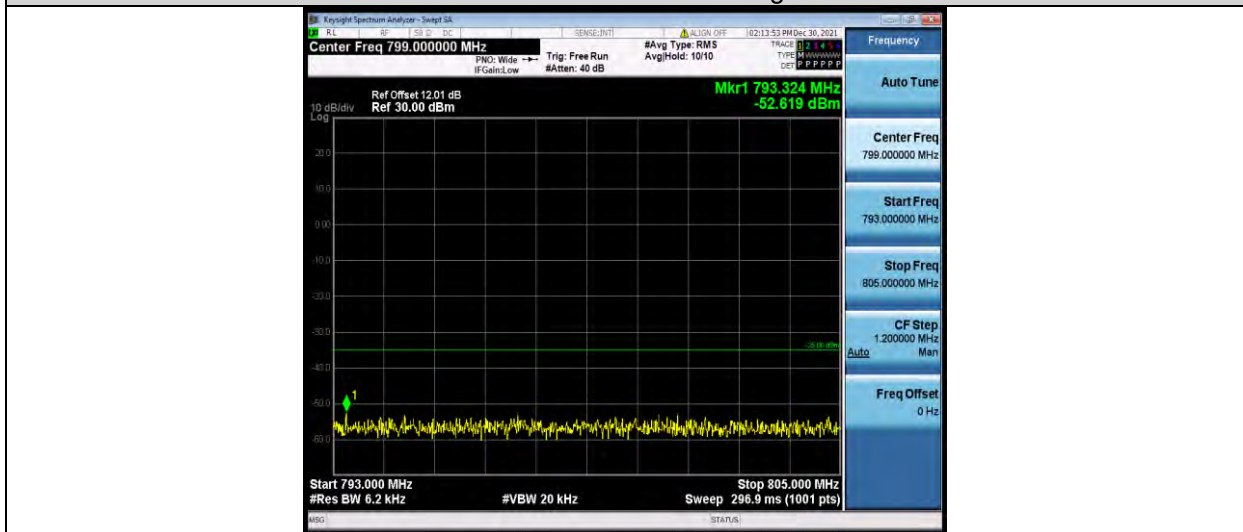
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz

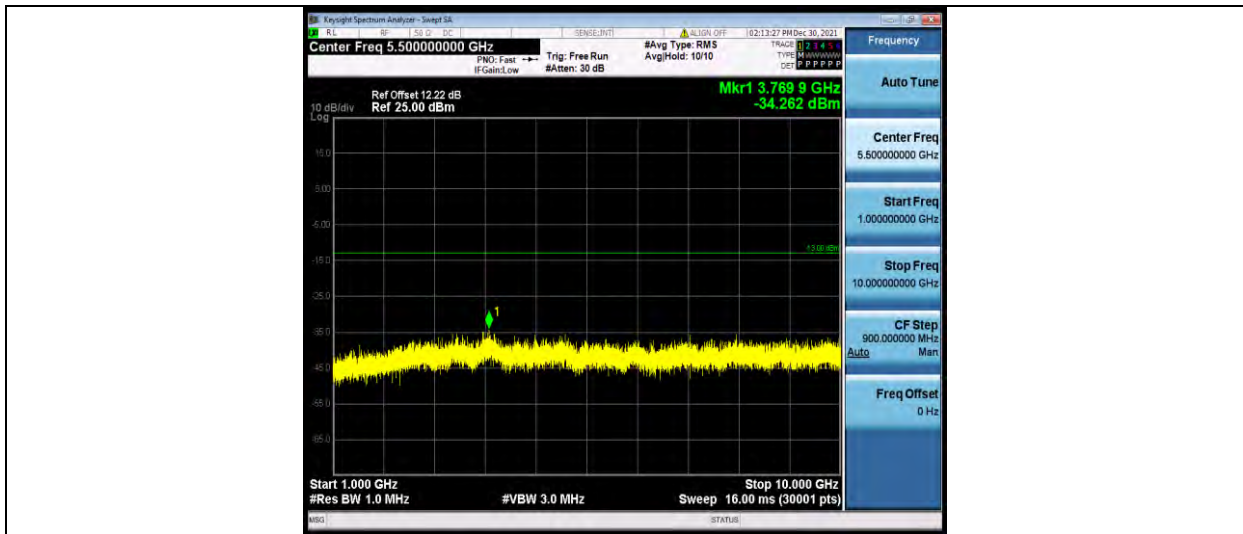


Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz

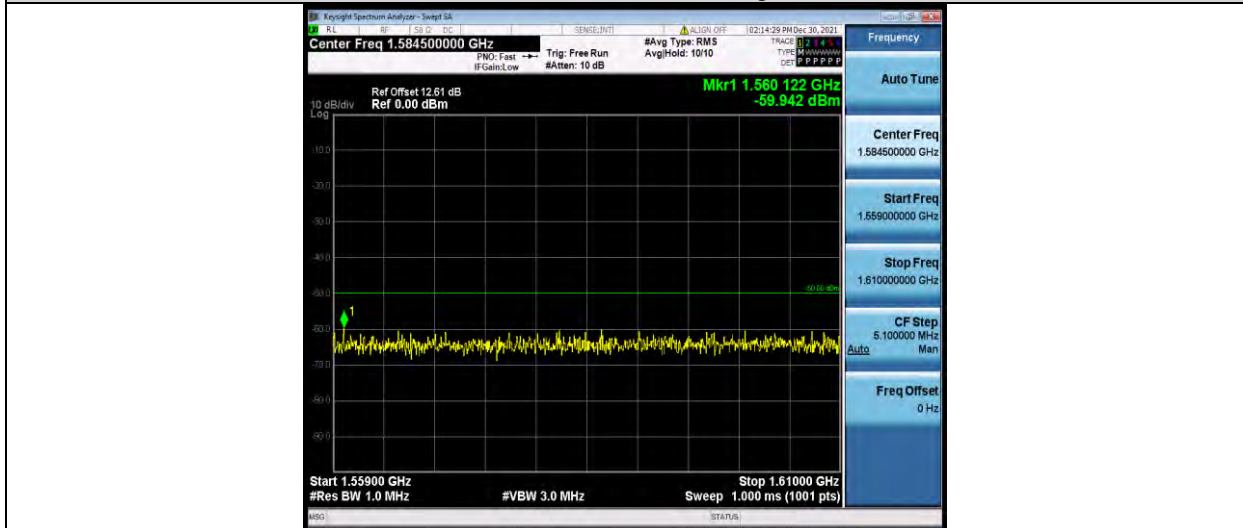


BUREAU VERITAS

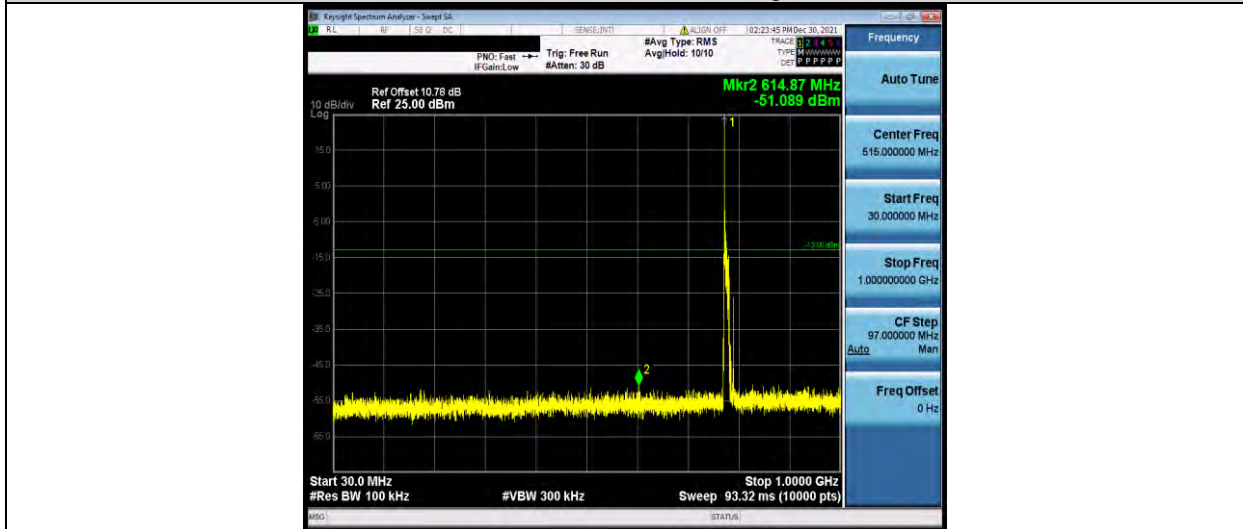
Test Report No.: W7L-P21120038RF05



Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



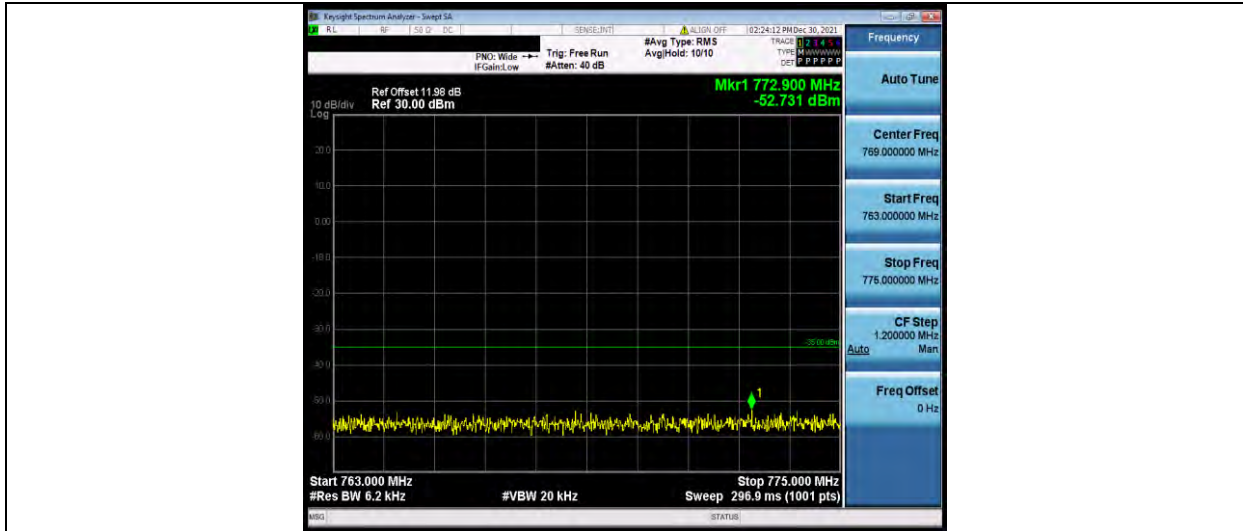
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



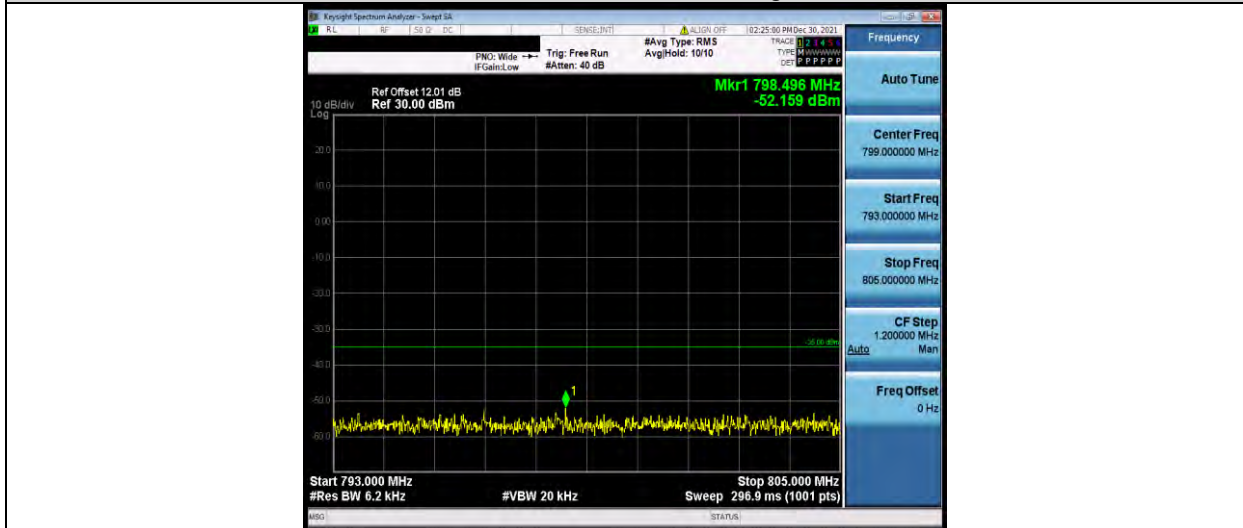


BUREAU VERITAS

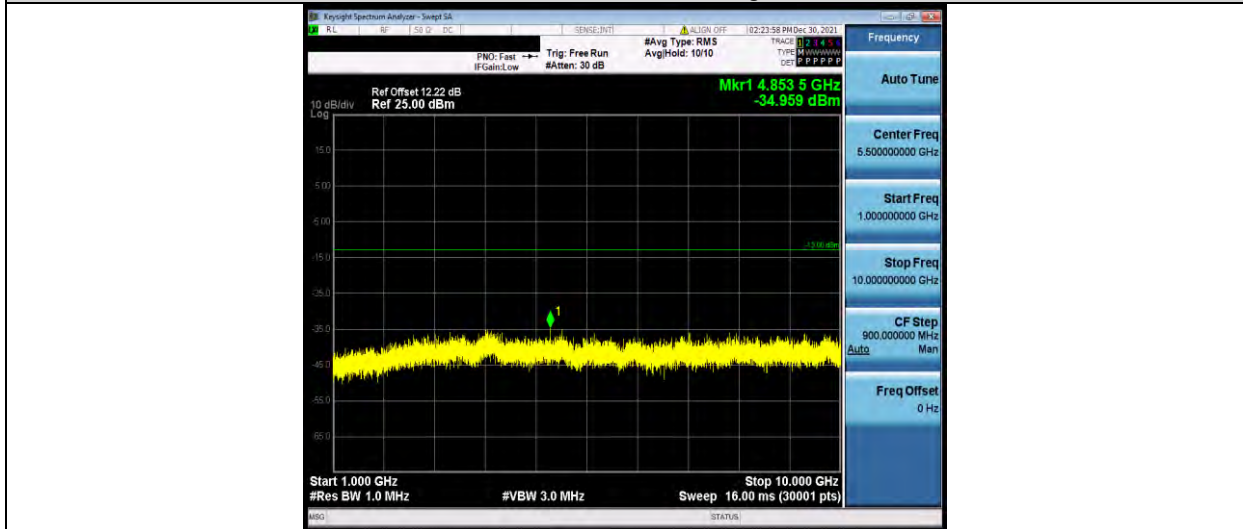
Test Report No.: W7L-P21120038RF05



Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz