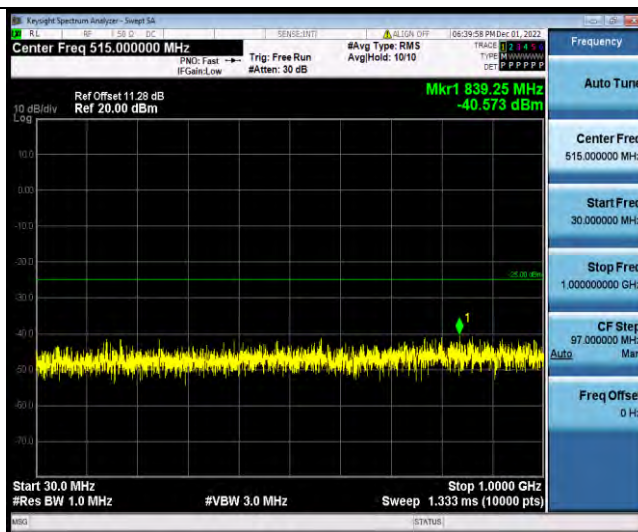
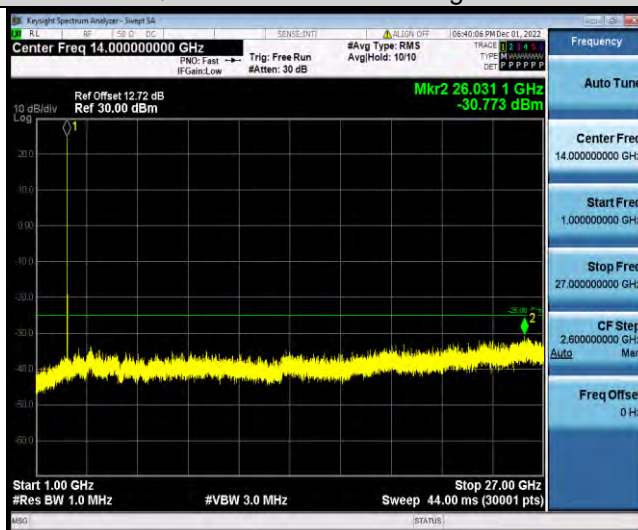
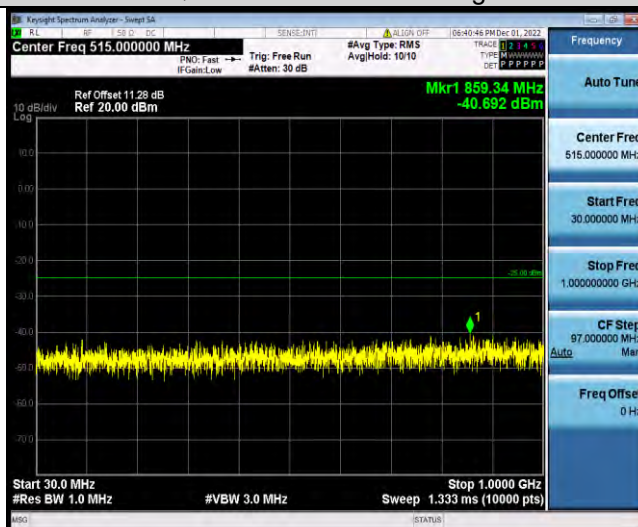




Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz

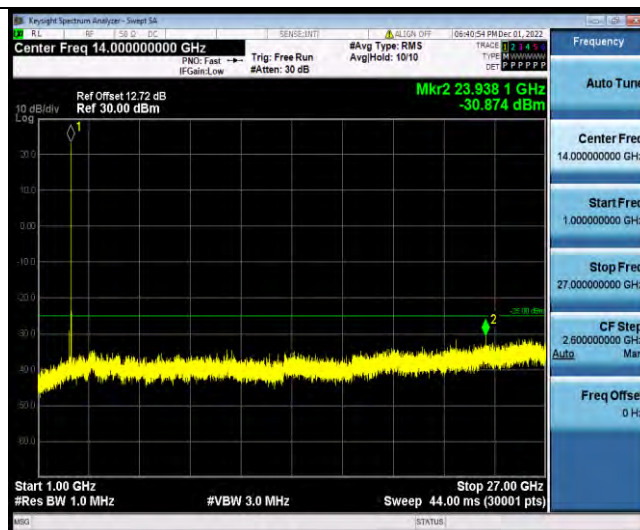


Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz

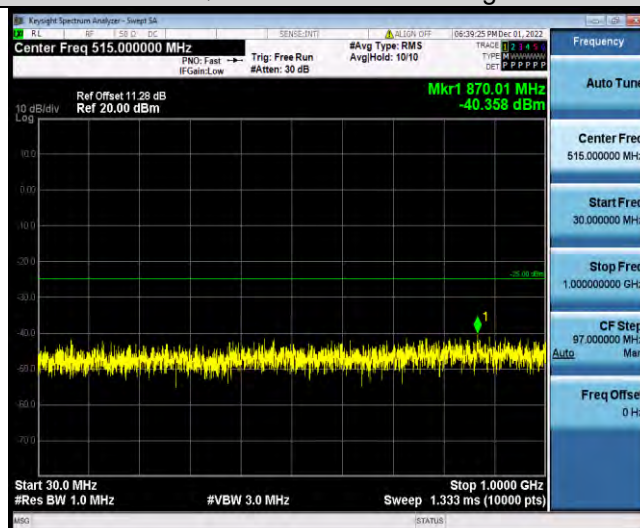


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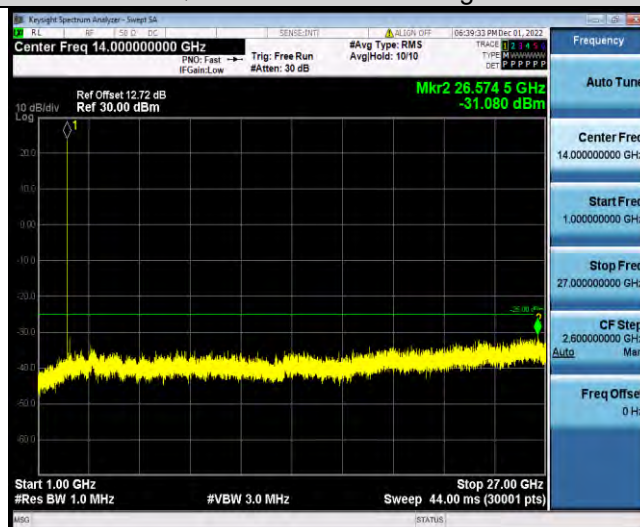
Test Report No.: W7L-P23030016RF07



Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~27000MHz

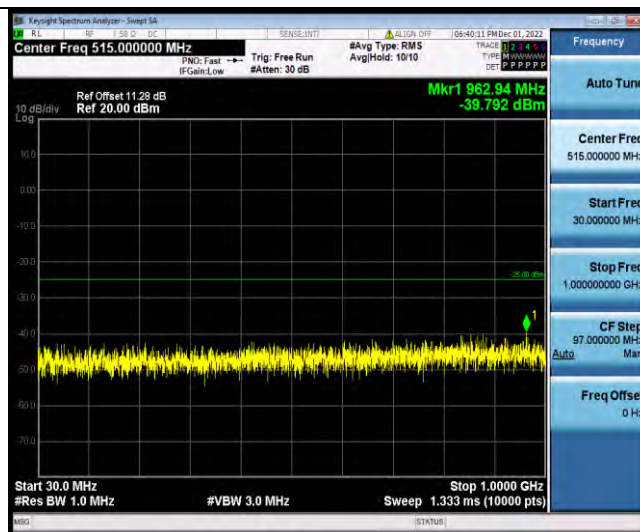


Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz

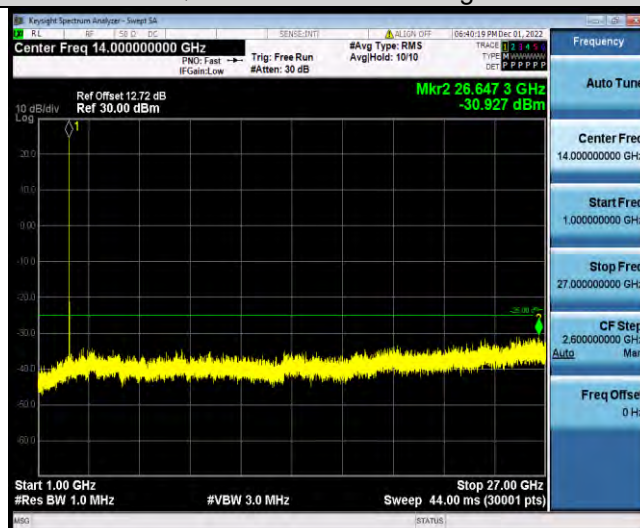


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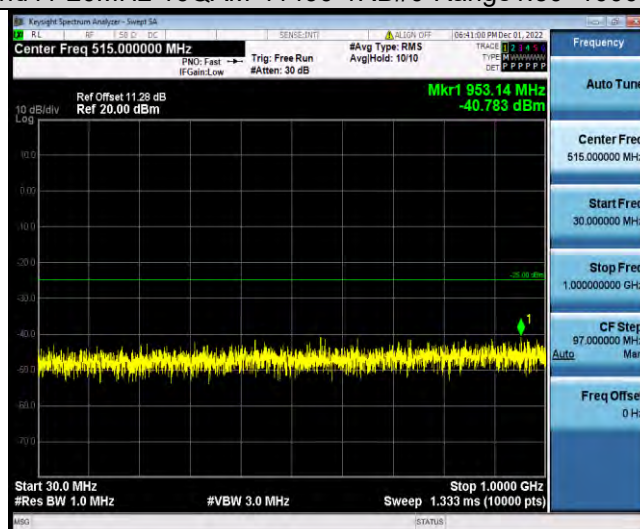
Test Report No.: W7L-P23030016RF07



Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



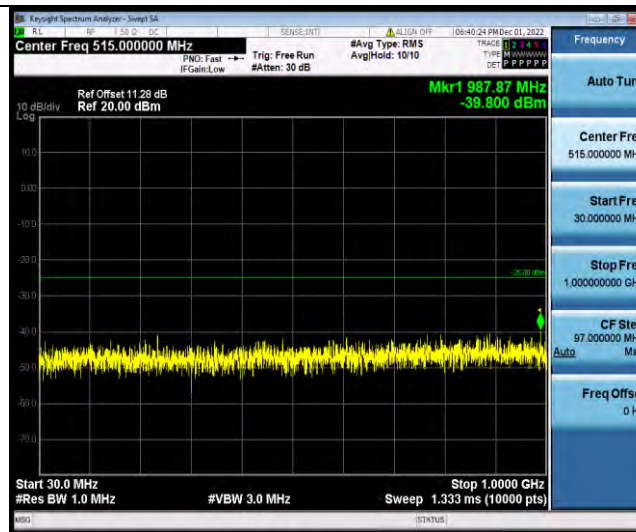
Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~27000MHz



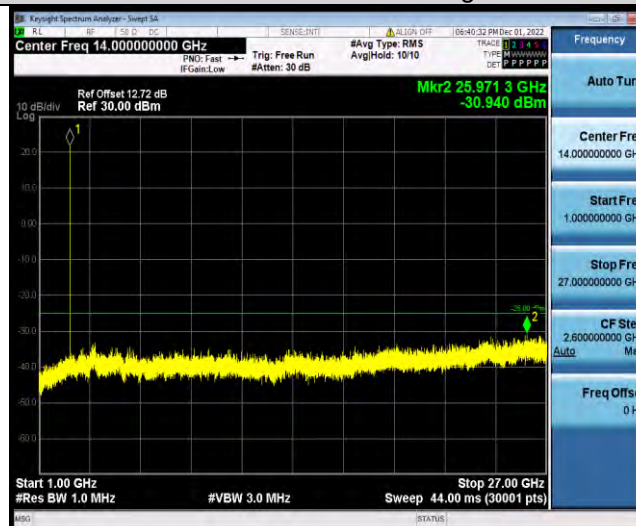


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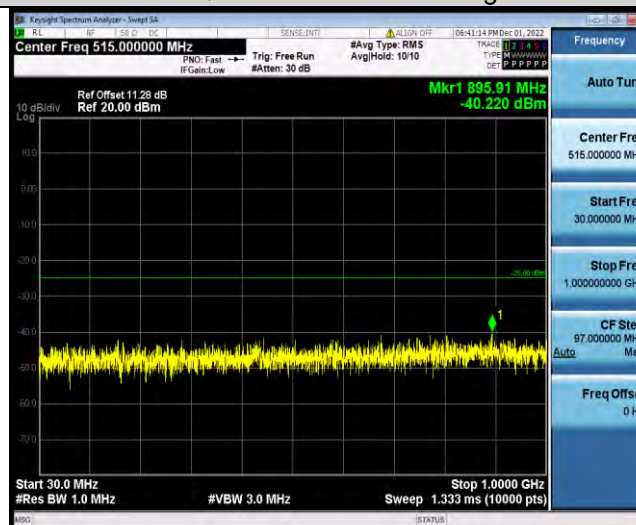
Test Report No.: W7L-P23030016RF07



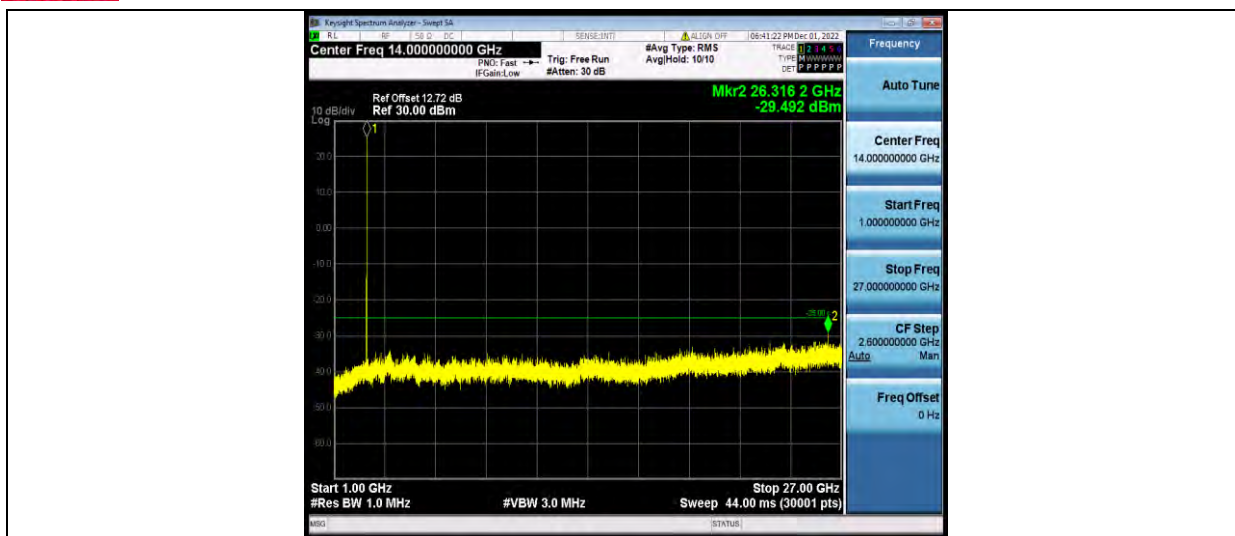
Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~27000MHz



Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~27000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4_1	5MHz	QPSK	39675	25RB#0	VL	NT	-2.73	-0.001093	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VN	NT	5.09	0.002037	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VH	NT	5.55	0.002221	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VL	NT	-6.39	-0.002464	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VN	NT	-4.02	-0.001550	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VH	NT	4.19	0.001616	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VL	NT	5.98	0.002225	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VN	NT	-3.03	-0.001127	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VH	NT	3.83	0.001425	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VL	NT	2.20	0.000881	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VN	NT	-6.84	-0.002738	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VH	NT	3.26	0.001305	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VL	NT	-8.08	-0.003116	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VN	NT	5.08	0.001959	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VH	NT	5.01	0.001932	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VL	NT	-4.06	-0.001511	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VN	NT	3.30	0.001228	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VH	NT	-3.75	-0.001395	±2.5	PASS
Band4_1	5MHz	64QAM	39675	25RB#0	VL	NT	3.55	0.001421	±2.5	PASS
Band4_1	5MHz	64QAM	39675	25RB#0	VN	NT	6.91	0.002766	±2.5	PASS
Band4_1	5MHz	64QAM	39675	25RB#0	VH	NT	-3.68	-0.001473	±2.5	PASS



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Band4 1	5MHz	64QAM	40620	25RB#0	VL	NT	4.33	0.001670	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	VN	NT	-2.70	-0.001041	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	VH	NT	-7.42	-0.002862	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	VL	NT	4.05	0.001507	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	VN	NT	4.49	0.001671	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	VH	NT	-4.25	-0.001581	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VL	NT	3.56	0.001423	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VN	NT	-5.97	-0.002387	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VH	NT	-3.25	-0.001299	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VL	NT	5.98	0.002306	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VN	NT	-4.33	-0.001670	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VH	NT	-4.94	-0.001905	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VL	NT	7.07	0.002633	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VN	NT	4.72	0.001758	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VH	NT	8.51	0.003169	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VL	NT	-5.02	-0.002007	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VN	NT	6.19	0.002475	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VH	NT	-4.72	-0.001887	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VL	NT	-3.89	-0.001500	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VN	NT	3.86	0.001489	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VH	NT	7.01	0.002703	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VL	NT	8.18	0.003047	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VN	NT	5.48	0.002041	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VH	NT	-6.07	-0.002261	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	VL	NT	-5.09	-0.002035	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	VN	NT	-8.70	-0.003479	±2.5	PASS
Band4	10MHz	64QAM	39700	50RB#0	VH	NT	3.92	0.001567	±2.5	PASS



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1										
Band4 1	10MHz	64QAM	40620	50RB#0	VL	NT	4.03	0.001554	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	VN	NT	-5.42	-0.002090	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	VH	NT	5.78	0.002229	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	VL	NT	-5.89	-0.002194	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	VN	NT	-4.01	-0.001493	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	VH	NT	-3.09	-0.001151	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VL	NT	-4.99	-0.001993	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VN	NT	-5.35	-0.002137	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VH	NT	5.35	0.002137	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VL	NT	3.38	0.001304	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VN	NT	4.11	0.001585	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VH	NT	1.92	0.000740	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VL	NT	-5.32	-0.001983	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VN	NT	3.75	0.001398	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VH	NT	-8.04	-0.002997	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VL	NT	-2.96	-0.001182	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VN	NT	-5.39	-0.002153	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VH	NT	-5.94	-0.002373	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VL	NT	-3.98	-0.001535	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VN	NT	-3.95	-0.001523	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VH	NT	-5.55	-0.002140	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VL	NT	-5.87	-0.002188	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VN	NT	3.95	0.001473	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VH	NT	-7.97	-0.002971	±2.5	PASS
Band4 1	15MHz	64QAM	39725	75RB#0	VL	NT	-7.28	-0.002908	±2.5	PASS
Band4 1	15MHz	64QAM	39725	75RB#0	VN	NT	-1.47	-0.000587	±2.5	PASS



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Band4 1	15MHz	64QAM	39725	75RB#0	VH	NT	4.62	0.001845	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	VL	NT	-6.02	-0.002322	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	VN	NT	3.60	0.001388	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	VH	NT	-5.62	-0.002167	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	VL	NT	3.16	0.001178	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	VN	NT	-5.92	-0.002207	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	VH	NT	-3.50	-0.001305	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VL	NT	3.26	0.001301	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VN	NT	3.78	0.001508	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VH	NT	4.12	0.001644	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VL	NT	4.72	0.001820	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VN	NT	-3.82	-0.001473	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VH	NT	3.48	0.001342	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VL	NT	-2.23	-0.000832	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VN	NT	4.94	0.001843	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VH	NT	-6.35	-0.002369	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VL	NT	3.06	0.001221	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VN	NT	-3.50	-0.001397	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VH	NT	-4.02	-0.001604	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VL	NT	4.96	0.001913	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VN	NT	5.08	0.001959	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VH	NT	-4.98	-0.001921	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VL	NT	-6.79	-0.002534	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VN	NT	4.56	0.001701	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VH	NT	-6.92	-0.002582	±2.5	PASS
Band4 1	20MHz	64QAM	39750	100RB#0	VL	NT	-6.04	-0.002410	±2.5	PASS
Band4	20MHz	64QAM	39750	100RB#0	VN	NT	3.93	0.001568	±2.5	PASS



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1										
Band4 1	20MHz	64QAM	39750	100RB#0	VH	NT	-4.72	-0.001883	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	VL	NT	4.28	0.001651	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	VN	NT	-5.26	-0.002029	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	VH	NT	4.73	0.001824	±2.5	PASS
Band4 1	20MHz	64QAM	41490	100RB#0	VL	NT	4.01	0.001496	±2.5	PASS
Band4 1	20MHz	64QAM	41490	100RB#0	VN	NT	-3.78	-0.001410	±2.5	PASS
Band4 1	20MHz	64QAM	41490	100RB#0	VH	NT	-6.45	-0.002407	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-30	5.15	0.002061	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-20	4.72	0.001889	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	0	5.54	0.002217	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	10	-7.17	-0.002870	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	20	5.65	0.002261	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-30	-2.90	-0.001118	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-20	-10.16	-0.003918	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	0	-4.33	-0.001670	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	10	-3.63	-0.001400	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	20	3.78	0.001458	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-30	-3.55	-0.001321	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-20	5.16	0.001920	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	0	4.39	0.001633	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	10	-4.32	-0.001607	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	20	3.85	0.001433	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-30	-3.36	-0.001345	±2.5	PASS
Band4	5MHz	16QAM	39675	25RB#0	NV	-20	5.45	0.002181	±2.5	PASS



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1										
Band4 1	5MHz	16QAM	39675	25RB#0	NV	0	5.61	0.002245	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	10	-4.63	-0.001853	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	20	3.15	0.001261	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-30	3.35	0.001292	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-20	-2.00	-0.000771	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	0	5.18	0.001998	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	10	4.18	0.001612	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	20	-2.80	-0.001080	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-30	5.42	0.002017	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-20	4.59	0.001708	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	0	4.84	0.001801	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	10	5.16	0.001920	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	20	3.89	0.001447	±2.5	PASS
Band4 1	5MHz	64QAM	39675	25RB#0	NV	-30	5.95	0.002381	±2.5	PASS
Band4 1	5MHz	64QAM	39675	25RB#0	NV	-20	-5.02	-0.002009	±2.5	PASS
Band4 1	5MHz	64QAM	39675	25RB#0	NV	0	-5.87	-0.002349	±2.5	PASS
Band4 1	5MHz	64QAM	39675	25RB#0	NV	10	-4.49	-0.001797	±2.5	PASS
Band4 1	5MHz	64QAM	39675	25RB#0	NV	20	6.61	0.002646	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	NV	-30	-5.48	-0.002113	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	NV	-20	-4.31	-0.001662	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	NV	0	-6.08	-0.002345	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	NV	10	-3.86	-0.001489	±2.5	PASS
Band4 1	5MHz	64QAM	40620	25RB#0	NV	20	3.93	0.001516	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	NV	-30	-4.82	-0.001793	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	NV	-20	-4.16	-0.001548	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	NV	0	6.49	0.002415	±2.5	PASS



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Band4 1	5MHz	64QAM	41565	25RB#0	NV	10	5.12	0.001905	±2.5	PASS
Band4 1	5MHz	64QAM	41565	25RB#0	NV	20	3.10	0.001153	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-30	-4.71	-0.001883	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-20	4.13	0.001651	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	0	-4.09	-0.001635	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	10	-3.66	-0.001463	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	20	4.88	0.001951	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-30	-3.25	-0.001253	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-20	-2.70	-0.001041	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	0	3.65	0.001408	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	10	3.81	0.001469	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	20	4.33	0.001670	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-30	3.42	0.001274	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-20	9.68	0.003605	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	0	7.81	0.002909	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	10	2.90	0.001080	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	20	6.65	0.002477	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-30	-6.98	-0.002791	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-20	-3.53	-0.001411	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	0	-3.56	-0.001423	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	10	-3.48	-0.001391	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	20	-6.87	-0.002747	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	-30	4.22	0.001627	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	-20	6.94	0.002676	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	0	-2.82	-0.001088	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	10	-2.62	-0.001010	±2.5	PASS
Band4	10MHz	16QAM	40620	50RB#0	NV	20	3.81	0.001469	±2.5	PASS



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Test Report No.: W7L-P23030016RF07

1										
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-30	-6.34	-0.002361	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-20	4.19	0.001561	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	0	5.42	0.002019	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	10	5.41	0.002015	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	20	-6.74	-0.002510	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	NV	-30	-3.56	-0.001423	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	NV	-20	-6.81	-0.002723	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	NV	0	5.14	0.002055	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	NV	10	-4.01	-0.001603	±2.5	PASS
Band4 1	10MHz	64QAM	39700	50RB#0	NV	20	-4.99	-0.001995	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	NV	-30	-4.58	-0.001766	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	NV	-20	3.69	0.001423	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	NV	0	-3.55	-0.001369	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	NV	10	-3.92	-0.001512	±2.5	PASS
Band4 1	10MHz	64QAM	40620	50RB#0	NV	20	2.86	0.001103	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	NV	-30	-4.71	-0.001754	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	NV	-20	-3.98	-0.001482	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	NV	0	-3.16	-0.001177	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	NV	10	-4.85	-0.001806	±2.5	PASS
Band4 1	10MHz	64QAM	41540	50RB#0	NV	20	7.35	0.002737	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-30	-4.33	-0.001730	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-20	4.95	0.001977	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	0	2.50	0.000999	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	10	6.19	0.002473	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	20	-3.89	-0.001554	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-30	-4.41	-0.001701	±2.5	PASS



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Band4 1	15MHz	QPSK	40620	75RB#0	NV	-20	-5.51	-0.002125	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	0	-5.26	-0.002029	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	10	6.01	0.002318	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	20	-3.06	-0.001180	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-30	5.34	0.001991	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-20	-3.99	-0.001487	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	0	-6.05	-0.002255	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	10	-6.82	-0.002542	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	20	6.12	0.002281	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-30	-4.06	-0.001622	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-20	-4.85	-0.001937	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	0	-5.99	-0.002393	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	10	5.06	0.002021	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	20	-4.12	-0.001646	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-30	-7.85	-0.003027	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-20	6.55	0.002526	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	0	-2.90	-0.001118	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	10	4.59	0.001770	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	20	-5.39	-0.002079	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-30	-5.08	-0.001894	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-20	-7.22	-0.002692	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	0	-2.86	-0.001066	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	10	-6.64	-0.002475	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	20	-5.02	-0.001871	±2.5	PASS
Band4 1	15MHz	64QAM	39725	75RB#0	NV	-30	3.89	0.001554	±2.5	PASS
Band4 1	15MHz	64QAM	39725	75RB#0	NV	-20	1.72	0.000687	±2.5	PASS
Band4	15MHz	64QAM	39725	75RB#0	NV	0	6.19	0.002473	±2.5	PASS



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1										
Band4 1	15MHz	64QAM	39725	75RB#0	NV	10	-7.24	-0.002892	±2.5	PASS
Band4 1	15MHz	64QAM	39725	75RB#0	NV	20	-2.93	-0.001170	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	NV	-30	-6.19	-0.002387	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	NV	-20	-4.91	-0.001894	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	NV	0	-3.98	-0.001535	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	NV	10	4.15	0.001600	±2.5	PASS
Band4 1	15MHz	64QAM	40620	75RB#0	NV	20	5.24	0.002021	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	NV	-30	-4.25	-0.001584	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	NV	-20	-3.92	-0.001461	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	NV	0	3.45	0.001286	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	NV	10	-2.37	-0.000884	±2.5	PASS
Band4 1	15MHz	64QAM	41515	75RB#0	NV	20	-2.35	-0.000876	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-30	2.86	0.001141	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-20	-2.30	-0.000918	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	0	3.22	0.001285	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	10	-5.01	-0.001999	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	20	-3.03	-0.001209	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-30	-5.79	-0.002233	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	-5.31	-0.002048	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	4.71	0.001816	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	4.61	0.001778	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	-4.53	-0.001747	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	3.72	0.001388	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	-5.54	-0.002067	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-4.41	-0.001646	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	-4.84	-0.001806	±2.5	PASS



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Test Report No.: W7L-P23030016RF07

Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	5.42	0.002022	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-30	3.69	0.001472	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-20	-8.01	-0.003196	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	0	-4.73	-0.001887	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	10	9.26	0.003695	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	20	4.76	0.001899	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-30	-5.58	-0.002152	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-20	-3.36	-0.001296	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	0	4.71	0.001816	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	10	5.02	0.001936	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	20	4.94	0.001905	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-30	4.92	0.001836	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-20	6.12	0.002284	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	0	-7.72	-0.002881	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	10	-6.39	-0.002384	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	20	-4.21	-0.001571	±2.5	PASS
Band4 1	20MHz	64QAM	39750	100RB#0	NV	-30	5.32	0.002123	±2.5	PASS
Band4 1	20MHz	64QAM	39750	100RB#0	NV	-20	-3.20	-0.001277	±2.5	PASS
Band4 1	20MHz	64QAM	39750	100RB#0	NV	0	4.55	0.001816	±2.5	PASS
Band4 1	20MHz	64QAM	39750	100RB#0	NV	10	-5.14	-0.002051	±2.5	PASS
Band4 1	20MHz	64QAM	39750	100RB#0	NV	20	-6.12	-0.002442	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	NV	-30	-6.01	-0.002318	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	NV	-20	3.82	0.001473	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	NV	0	-6.91	-0.002665	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	NV	10	-5.39	-0.002079	±2.5	PASS
Band4 1	20MHz	64QAM	40620	100RB#0	NV	20	6.17	0.002379	±2.5	PASS
Band4	20MHz	64QAM	41490	100RB#0	NV	-30	-3.32	-0.001239	±2.5	PASS



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1										
Band4 1	20MHz	64QAM	41490	100RB#0	NV	-20	6.28	0.002343	±2.5	PASS
Band4 1	20MHz	64QAM	41490	100RB#0	NV	0	-5.02	-0.001873	±2.5	PASS
Band4 1	20MHz	64QAM	41490	100RB#0	NV	10	4.01	0.001496	±2.5	PASS
Band4 1	20MHz	64QAM	41490	100RB#0	NV	20	3.68	0.001373	±2.5	PASS

LTE BAND42

PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band42	5MHz	QPSK	42115	1RB#0	4.20	13	PASS
Band42	5MHz	QPSK	42115	25RB#0	5.70	13	PASS
Band42	5MHz	QPSK	42590	1RB#0	4.10	13	PASS
Band42	5MHz	QPSK	42590	25RB#0	6.13	13	PASS
Band42	5MHz	QPSK	43065	1RB#0	4.93	13	PASS
Band42	5MHz	QPSK	43065	25RB#0	5.59	13	PASS
Band42	5MHz	16QAM	42115	1RB#0	5.91	13	PASS
Band42	5MHz	16QAM	42115	25RB#0	6.73	13	PASS
Band42	5MHz	16QAM	42590	1RB#0	5.74	13	PASS
Band42	5MHz	16QAM	42590	25RB#0	6.67	13	PASS
Band42	5MHz	16QAM	43065	1RB#0	5.79	13	PASS
Band42	5MHz	16QAM	43065	25RB#0	6.45	13	PASS
Band42	5MHz	64QAM	42115	1RB#0	8.01	13	PASS
Band42	5MHz	64QAM	42115	25RB#0	7.29	13	PASS
Band42	5MHz	64QAM	42590	1RB#0	7.27	13	PASS
Band42	5MHz	64QAM	42590	25RB#0	7.51	13	PASS
Band42	5MHz	64QAM	43065	1RB#0	6.99	13	PASS
Band42	5MHz	64QAM	43065	25RB#0	7.76	13	PASS
Band42	10MHz	QPSK	42140	1RB#0	4.16	13	PASS
Band42	10MHz	QPSK	42140	50RB#0	5.46	13	PASS
Band42	10MHz	QPSK	42590	1RB#0	4.63	13	PASS
Band42	10MHz	QPSK	42590	50RB#0	5.59	13	PASS
Band42	10MHz	QPSK	43040	1RB#0	5.12	13	PASS
Band42	10MHz	QPSK	43040	50RB#0	5.47	13	PASS
Band42	10MHz	16QAM	42140	1RB#0	6.47	13	PASS
Band42	10MHz	16QAM	42140	50RB#0	6.75	13	PASS
Band42	10MHz	16QAM	42590	1RB#0	6.57	13	PASS
Band42	10MHz	16QAM	42590	50RB#0	6.43	13	PASS
Band42	10MHz	16QAM	43040	1RB#0	6.51	13	PASS
Band42	10MHz	16QAM	43040	50RB#0	6.39	13	PASS
Band42	10MHz	64QAM	42140	1RB#0	7.89	13	PASS
Band42	10MHz	64QAM	42140	50RB#0	7.93	13	PASS
Band42	10MHz	64QAM	42590	1RB#0	6.78	13	PASS
Band42	10MHz	64QAM	42590	50RB#0	7.74	13	PASS
Band42	10MHz	64QAM	43040	1RB#0	7.49	13	PASS
Band42	10MHz	64QAM	43040	50RB#0	7.82	13	PASS
Band42	15MHz	QPSK	42165	1RB#0	4.38	13	PASS
Band42	15MHz	QPSK	42165	75RB#0	5.63	13	PASS
Band42	15MHz	QPSK	42590	1RB#0	4.23	13	PASS
Band42	15MHz	QPSK	42590	75RB#0	5.66	13	PASS
Band42	15MHz	QPSK	43015	1RB#0	3.83	13	PASS
Band42	15MHz	QPSK	43015	75RB#0	5.62	13	PASS



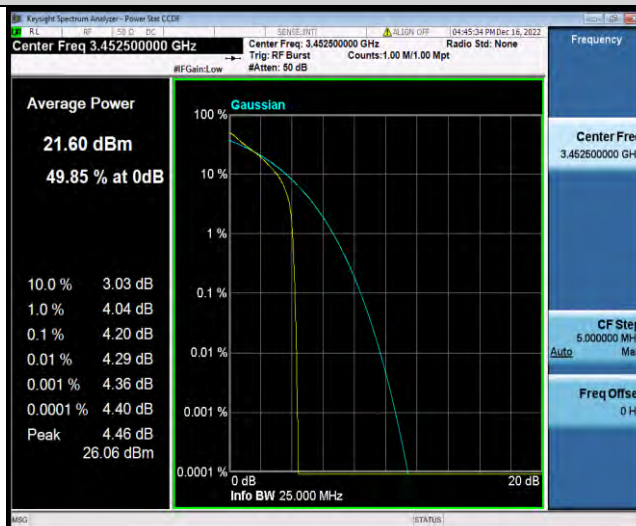
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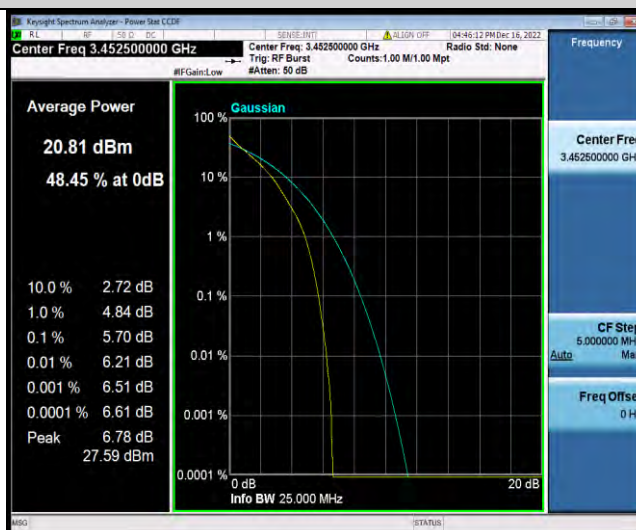
Band42	15MHz	16QAM	42165	1RB#0	6.09	13	PASS
Band42	15MHz	16QAM	42165	75RB#0	6.40	13	PASS
Band42	15MHz	16QAM	42590	1RB#0	6.37	13	PASS
Band42	15MHz	16QAM	42590	75RB#0	6.39	13	PASS
Band42	15MHz	16QAM	43015	1RB#0	5.88	13	PASS
Band42	15MHz	16QAM	43015	75RB#0	6.47	13	PASS
Band42	15MHz	64QAM	42165	1RB#0	7.36	13	PASS
Band42	15MHz	64QAM	42165	75RB#0	7.11	13	PASS
Band42	15MHz	64QAM	42590	1RB#0	7.65	13	PASS
Band42	15MHz	64QAM	42590	75RB#0	7.22	13	PASS
Band42	15MHz	64QAM	43015	1RB#0	8.23	13	PASS
Band42	15MHz	64QAM	43015	75RB#0	7.21	13	PASS
Band42	20MHz	QPSK	42190	1RB#0	4.02	13	PASS
Band42	20MHz	QPSK	42190	100RB#0	5.38	13	PASS
Band42	20MHz	QPSK	42590	1RB#0	4.49	13	PASS
Band42	20MHz	QPSK	42590	100RB#0	5.44	13	PASS
Band42	20MHz	QPSK	42990	1RB#0	4.16	13	PASS
Band42	20MHz	QPSK	42990	100RB#0	5.43	13	PASS
Band42	20MHz	16QAM	42190	1RB#0	5.62	13	PASS
Band42	20MHz	16QAM	42190	100RB#0	6.25	13	PASS
Band42	20MHz	16QAM	42590	1RB#0	6.04	13	PASS
Band42	20MHz	16QAM	42590	100RB#0	6.27	13	PASS
Band42	20MHz	16QAM	42990	1RB#0	5.95	13	PASS
Band42	20MHz	16QAM	42990	100RB#0	6.27	13	PASS
Band42	20MHz	64QAM	42190	1RB#0	7.41	13	PASS
Band42	20MHz	64QAM	42190	100RB#0	6.97	13	PASS
Band42	20MHz	64QAM	42590	1RB#0	7.50	13	PASS
Band42	20MHz	64QAM	42590	100RB#0	7.13	13	PASS
Band42	20MHz	64QAM	42990	1RB#0	7.87	13	PASS
Band42	20MHz	64QAM	42990	100RB#0	7.06	13	PASS

Test Graphs

Band42-5MHz-QPSK-42115-1RB#0



Band42-5MHz-QPSK-42115-25RB#0



Band42-5MHz-QPSK-42590-1RB#0



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VERITAS

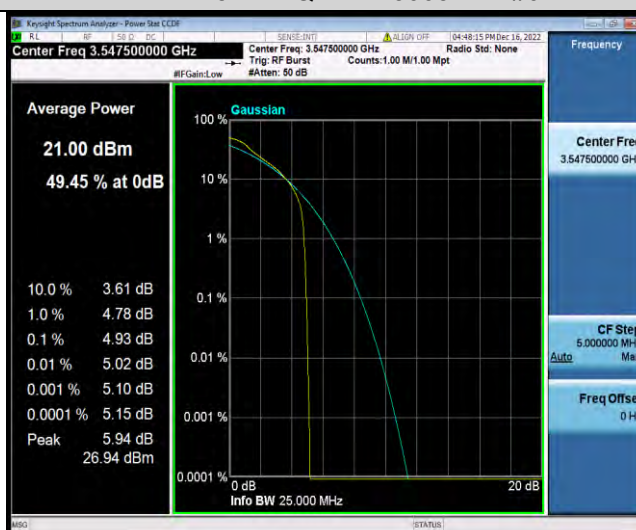
Test Report No.: W7L-P23030016RF07



Band42-5MHz-QPSK-42590-25RB#0



Band42-5MHz-QPSK-43065-1RB#0



Band42-5MHz-QPSK-43065-25RB#0

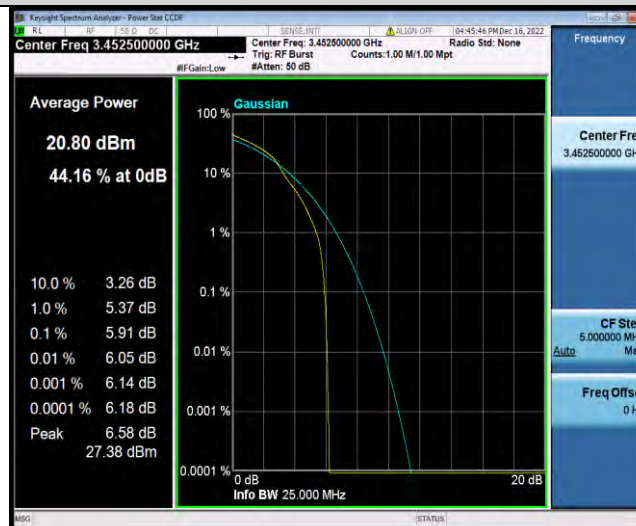


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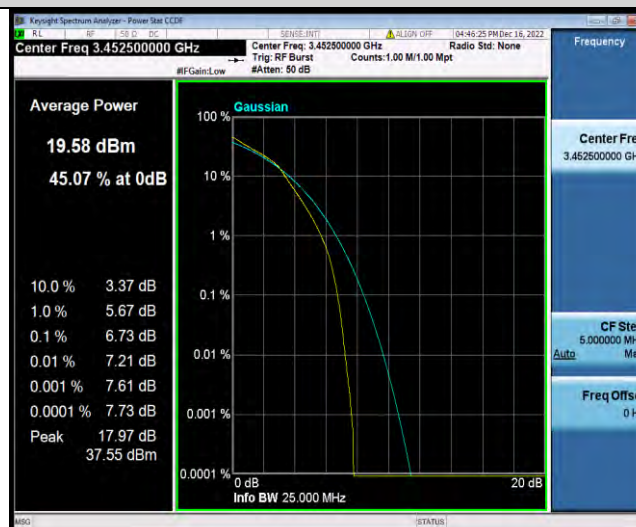
Test Report No.: W7L-P23030016RF07



Band42-5MHz-16QAM-42115-1RB#0



Band42-5MHz-16QAM-42115-25RB#0

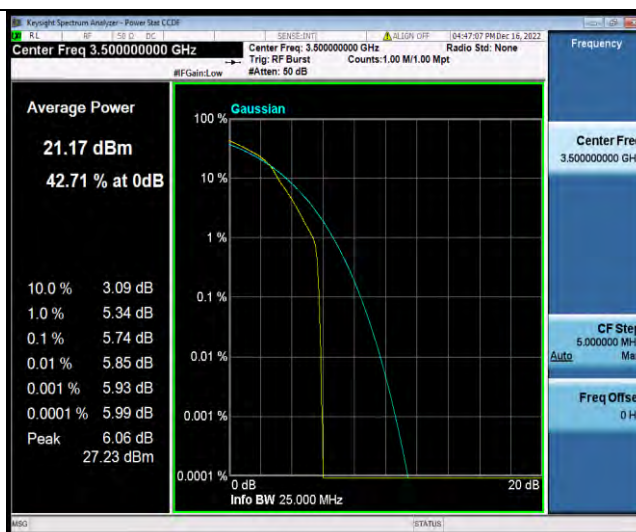


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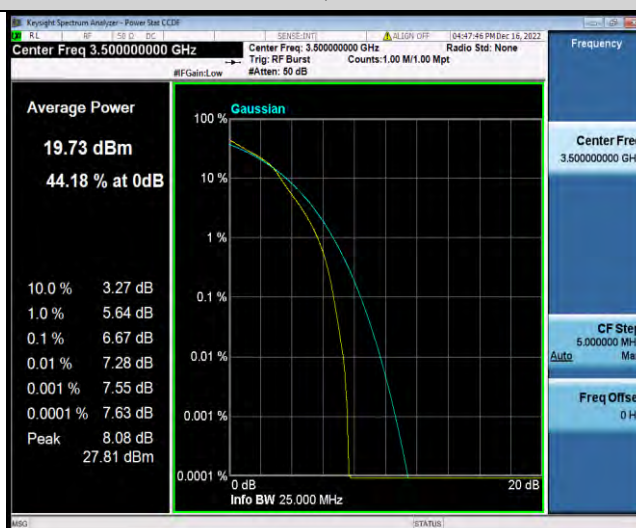


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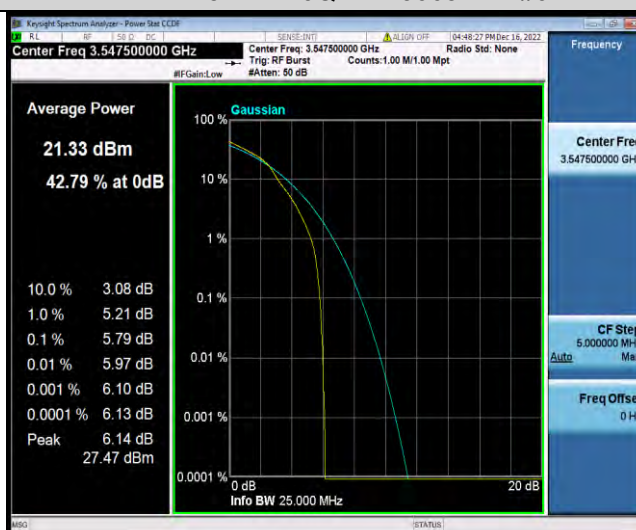
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Band42-5MHz-16QAM-42590-25RB#0



Band42-5MHz-16QAM-43065-1RB#0



Band42-5MHz-16QAM-43065-25RB#0



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Test Report No.: W7L-P23030016RF07



Band42-5MHz-64QAM-42115-1RB#0



Band42-5MHz-64QAM-42115-25RB#0



Band42-5MHz-64QAM-42590-1RB#0



Band42-5MHz-64QAM-42590-25RB#0



Band42-5MHz-64QAM-43065-1RB#0



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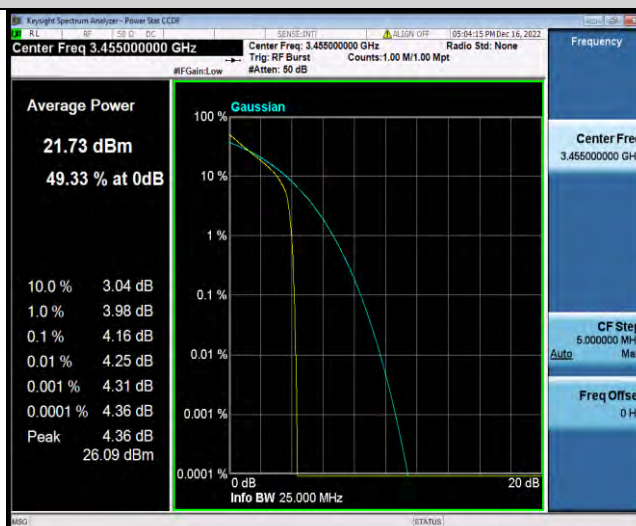


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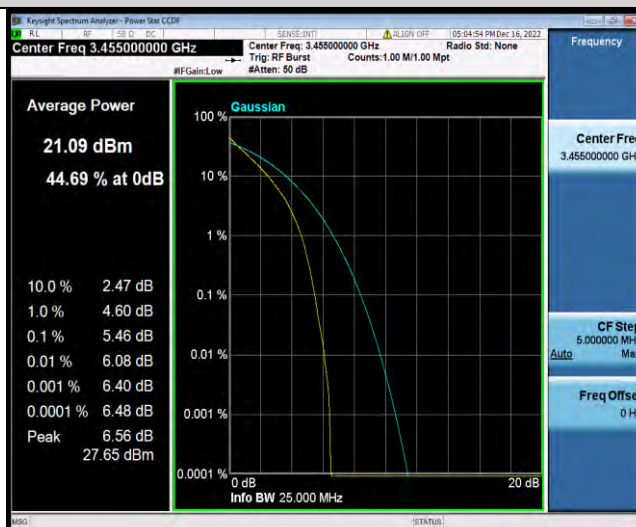
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Band42-10MHz-QPSK-42140-1RB#0



Band42-10MHz-QPSK-42140-50RB#0

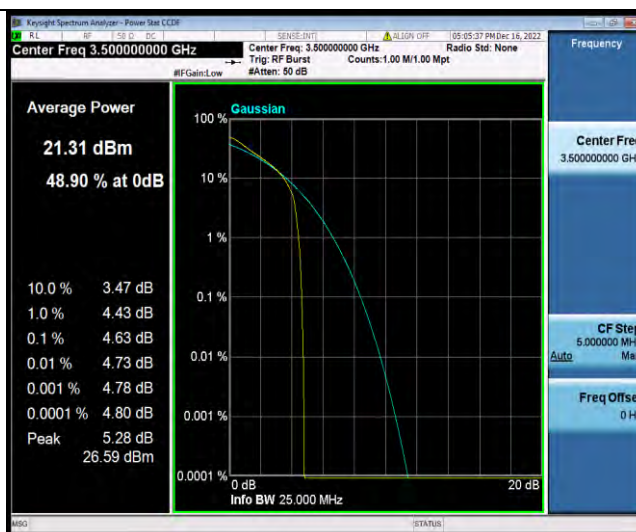


Band42-10MHz-QPSK-42590-1RB#0



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Test Report No.: W7L-P23030016RF07



Band42-10MHz-QPSK-42590-50RB#0



Band42-10MHz-QPSK-43040-1RB#0



Band42-10MHz-QPSK-43040-50RB#0



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VERITAS

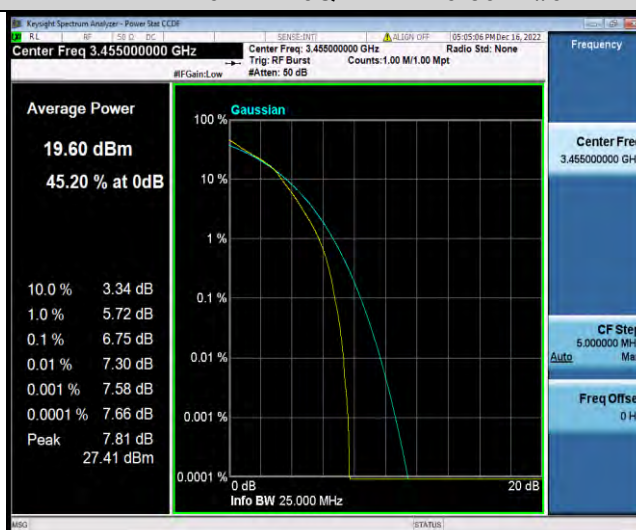
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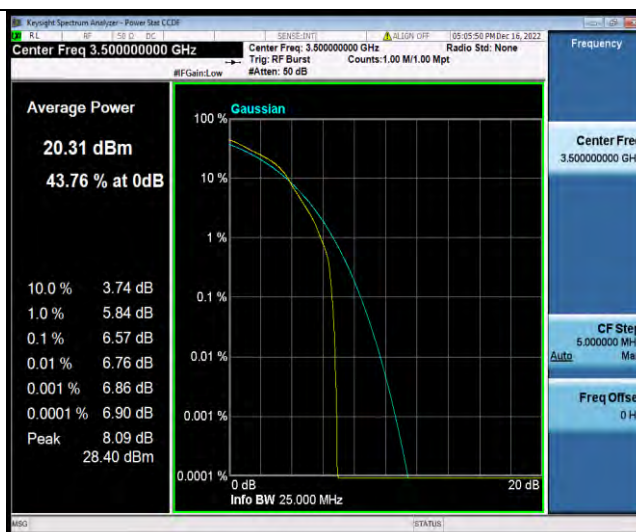


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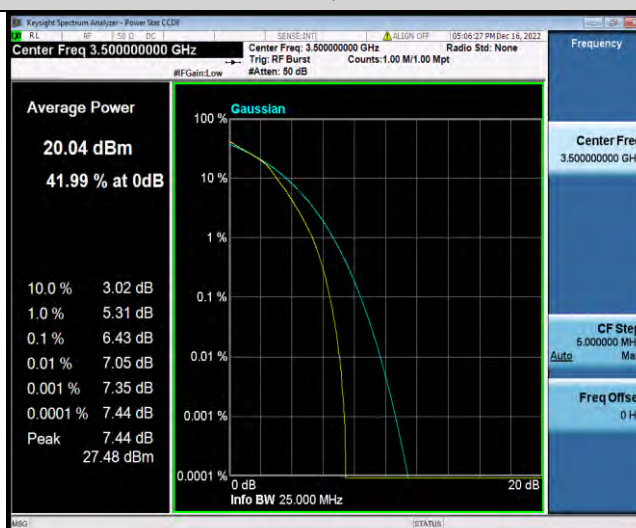


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VERITAS

Test Report No.: W7L-P23030016RF07



Band42-10MHz-16QAM-42590-50RB#0



Band42-10MHz-16QAM-43040-1RB#0



Band42-10MHz-16QAM-43040-50RB#0

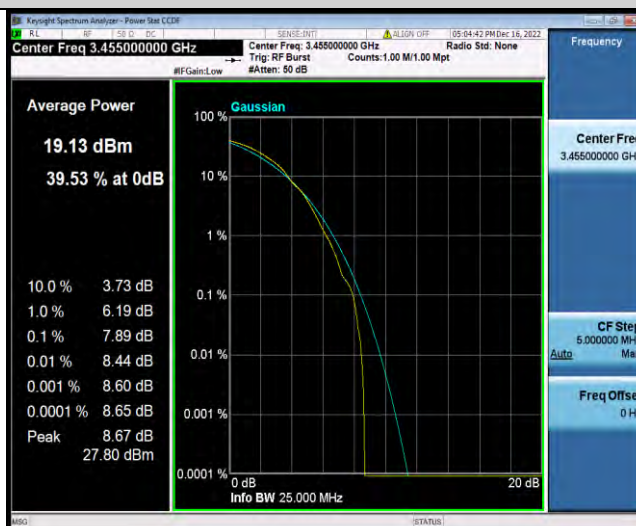


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VERITAS

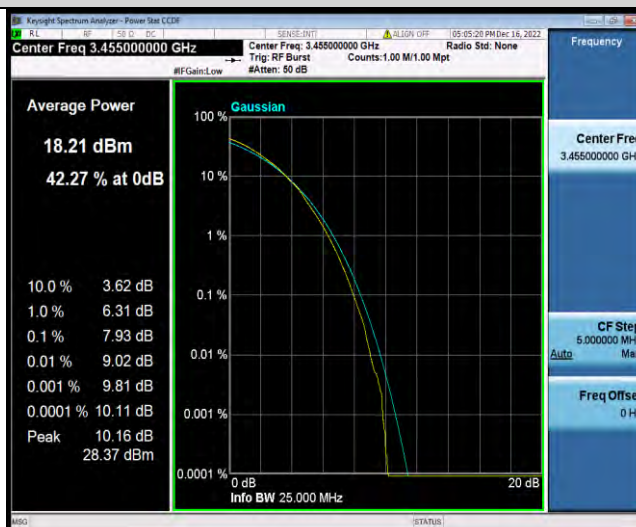
Test Report No.: W7L-P23030016RF07



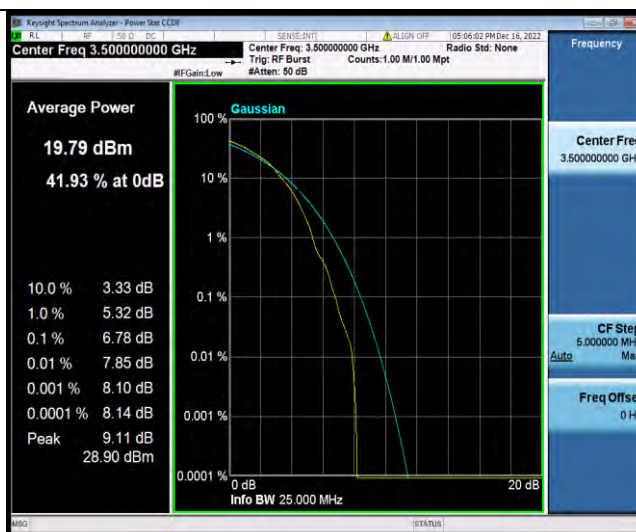
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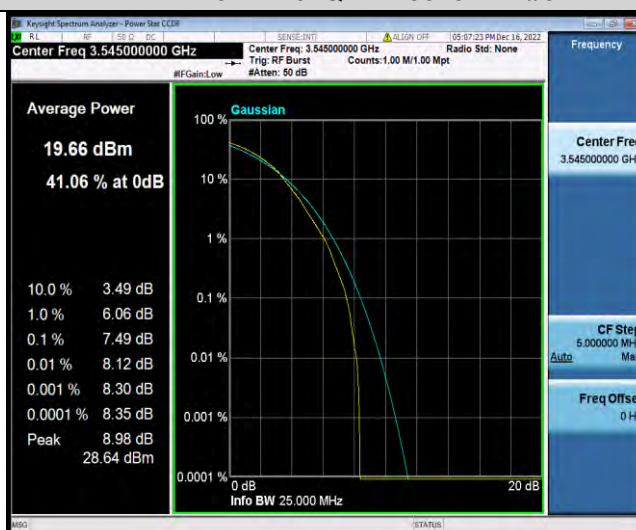
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Band42-10MHz-64QAM-43040-1RB#0

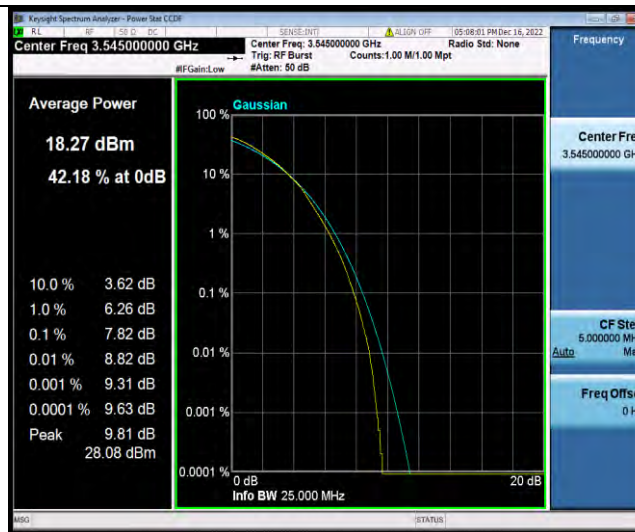


Band42-10MHz-64QAM-43040-50RB#0



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VERITAS

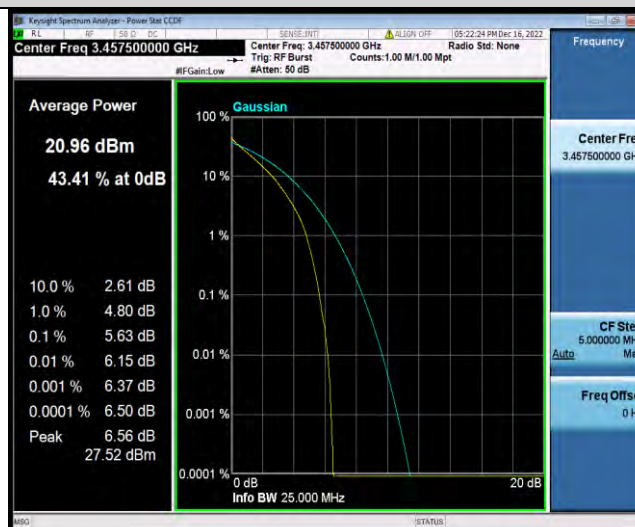
Test Report No.: W7L-P23030016RF07



Band42-15MHz-QPSK-42165-1RB#0



Band42-15MHz-QPSK-42165-75RB#0



Band42-15MHz-QPSK-42590-1RB#0

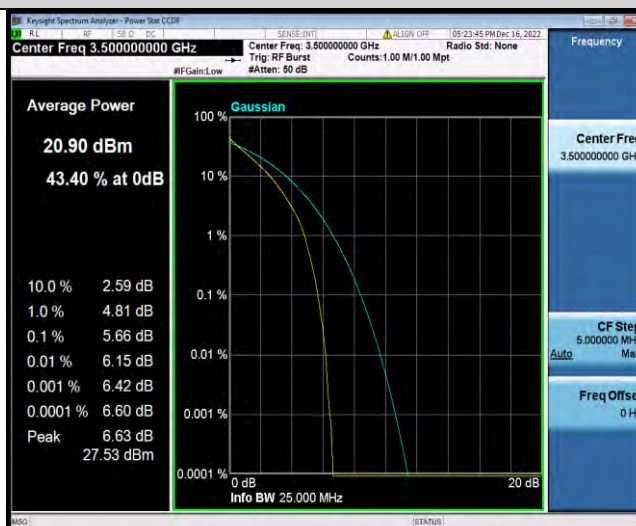


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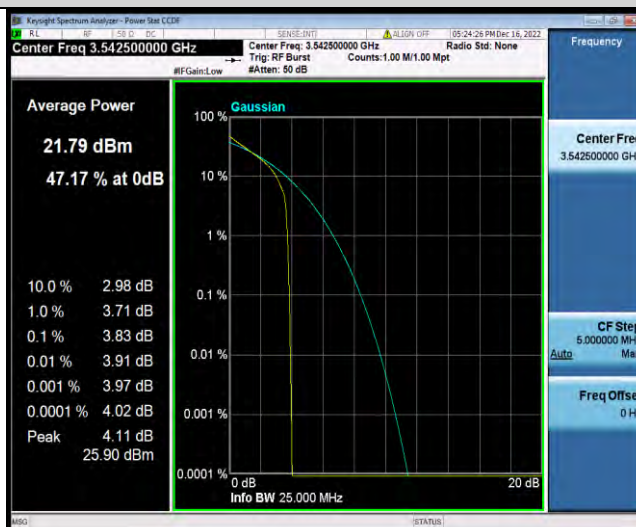
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Band42-15MHz-QPSK-42590-75RB#0



Band42-15MHz-QPSK-43015-1RB#0

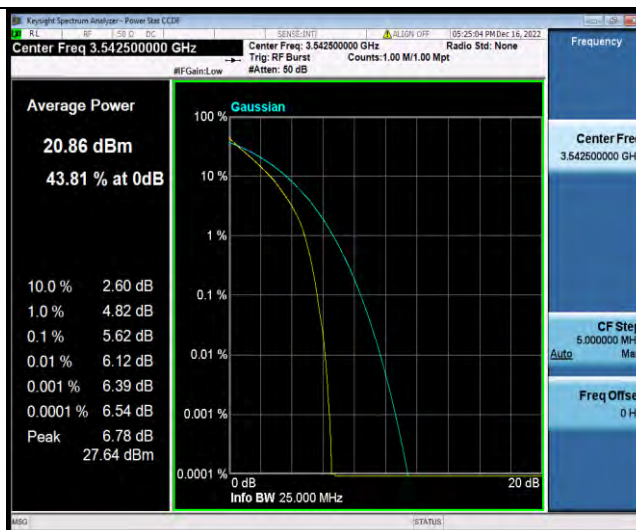


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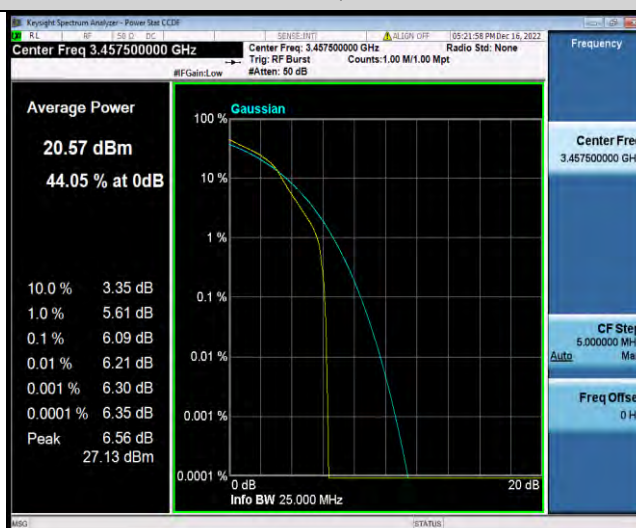


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VERITAS

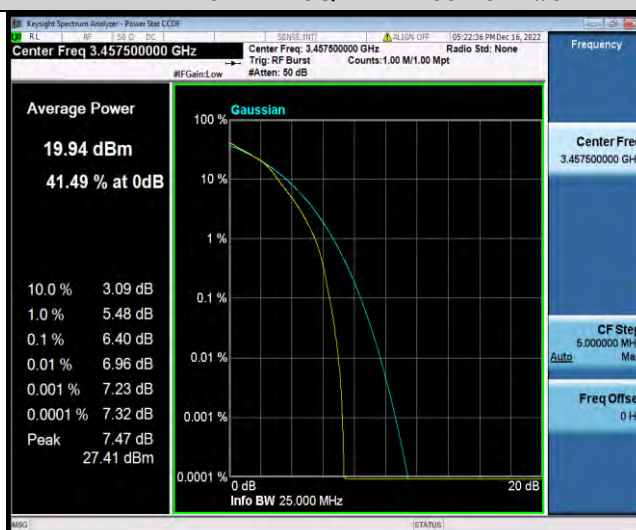
Test Report No.: W7L-P23030016RF07



Band42-15MHz-16QAM-42165-1RB#0



Band42-15MHz-16QAM-42165-75RB#0



Band42-15MHz-16QAM-42590-1RB#0