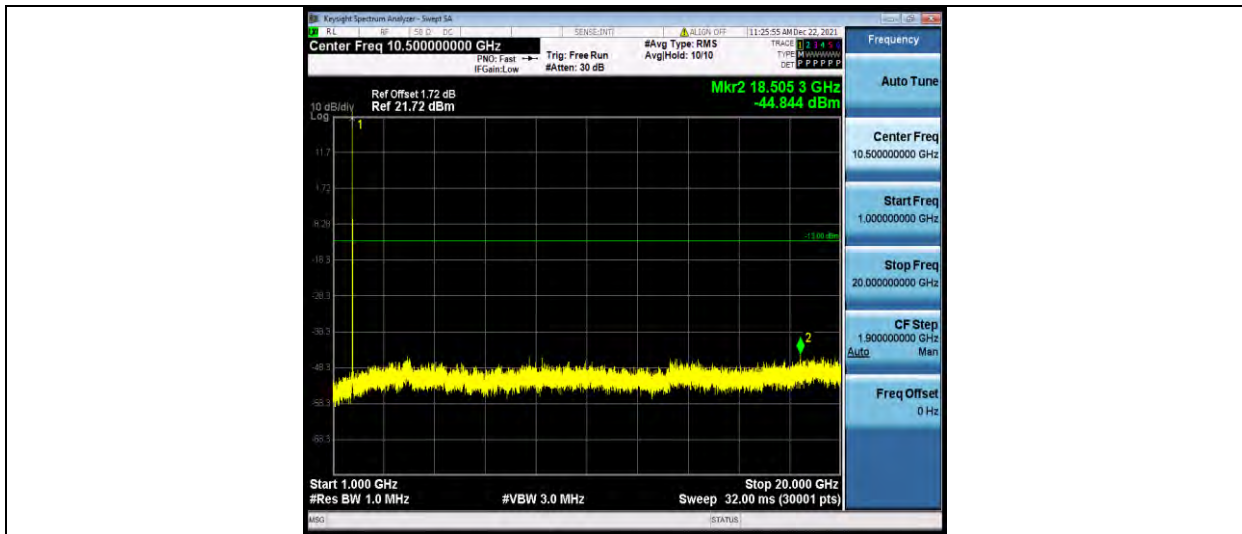


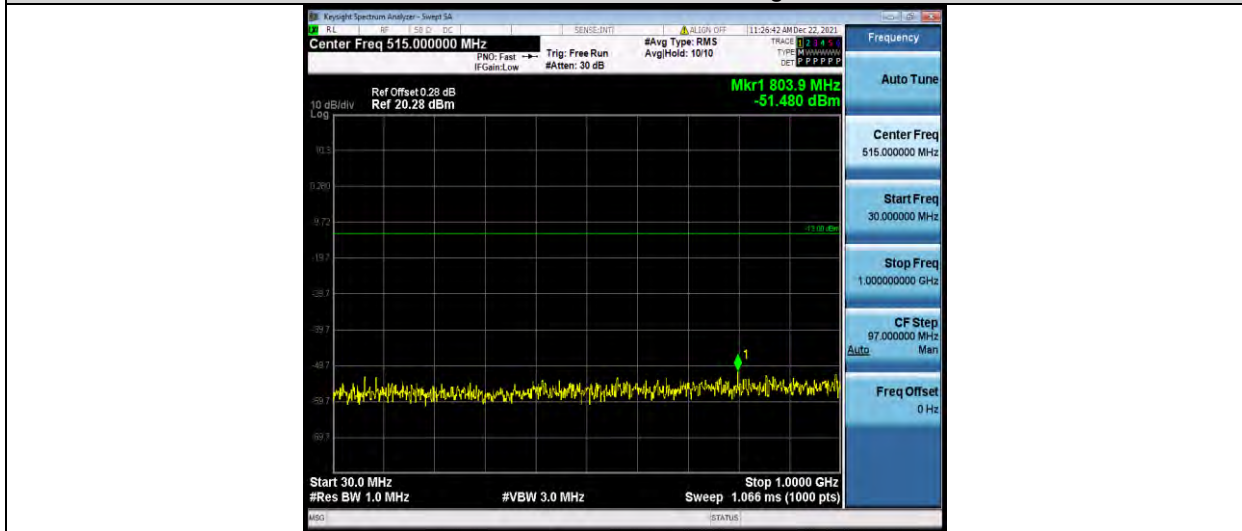


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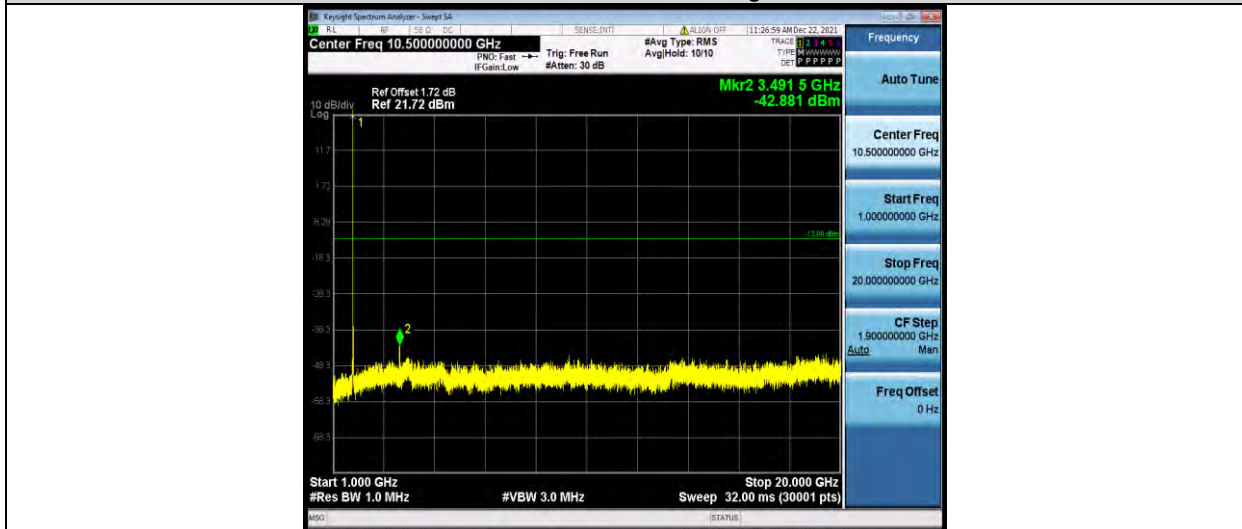
### Test Report No.: W7L-211220W001RF03



Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz

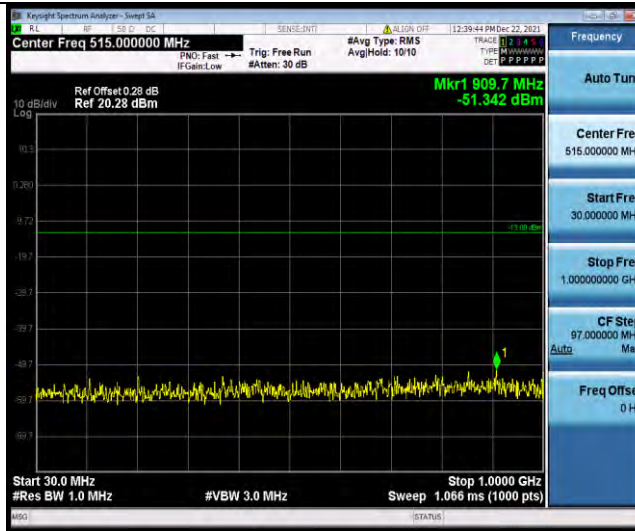


Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



BUREAU VERITAS

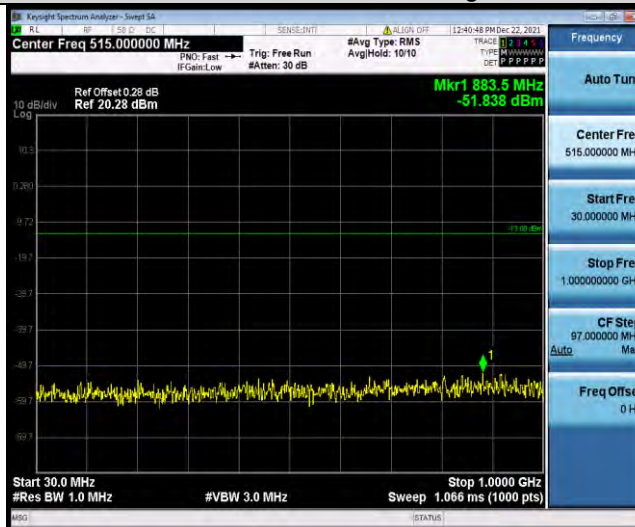
Test Report No.: W7L-211220W001RF03



Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

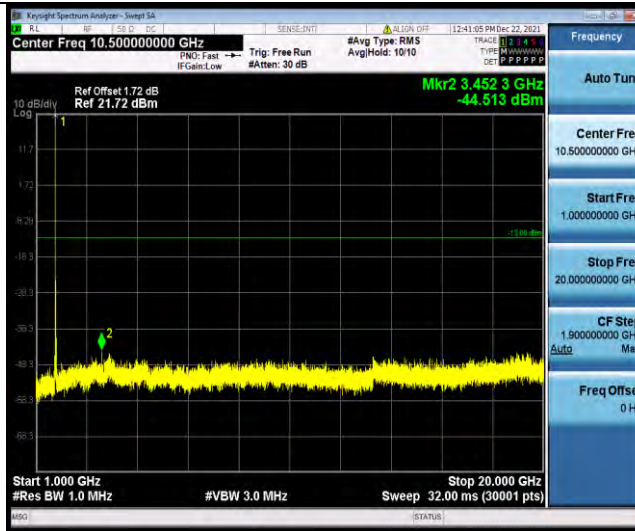


Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

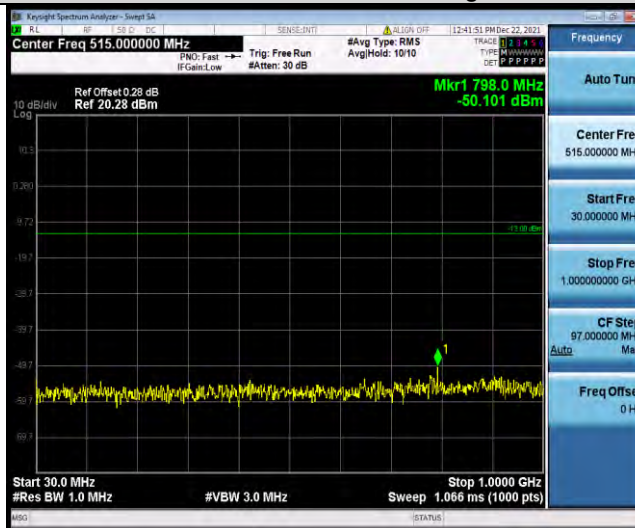


BUREAU VERITAS

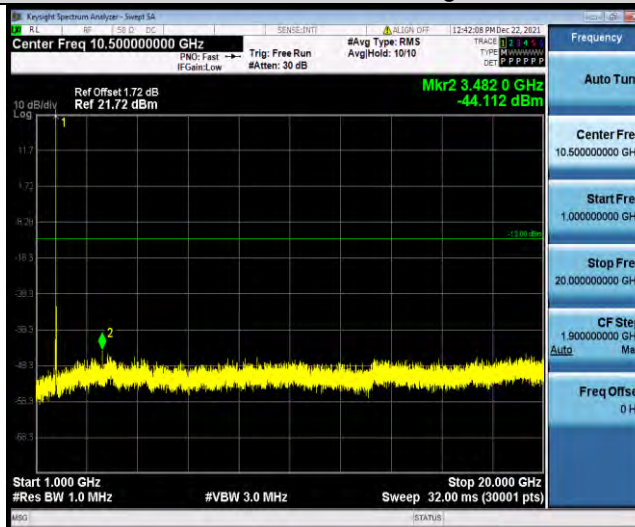
Test Report No.: W7L-211220W001RF03



Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz

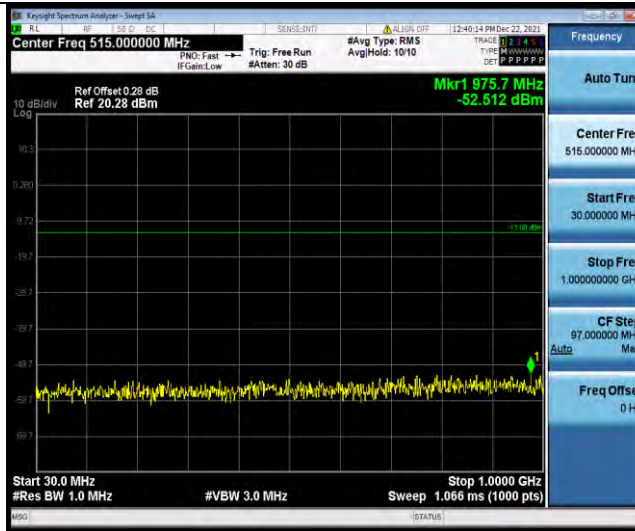


Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz

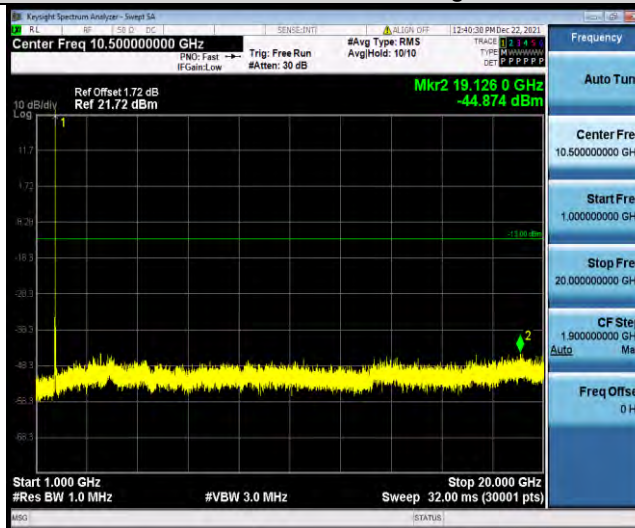


BUREAU VERITAS

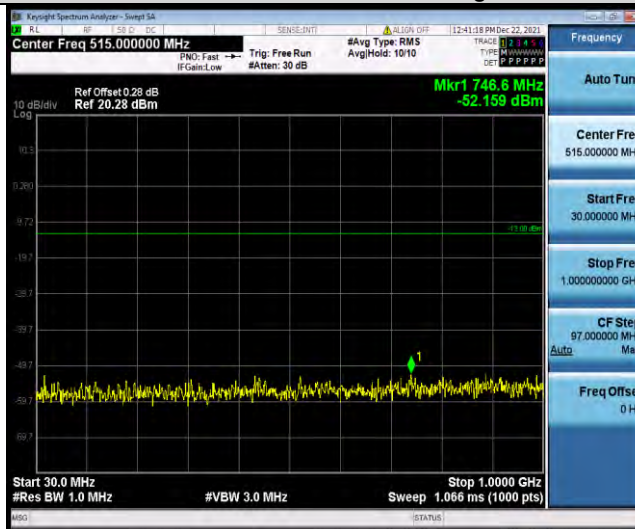
Test Report No.: W7L-211220W001RF03



Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

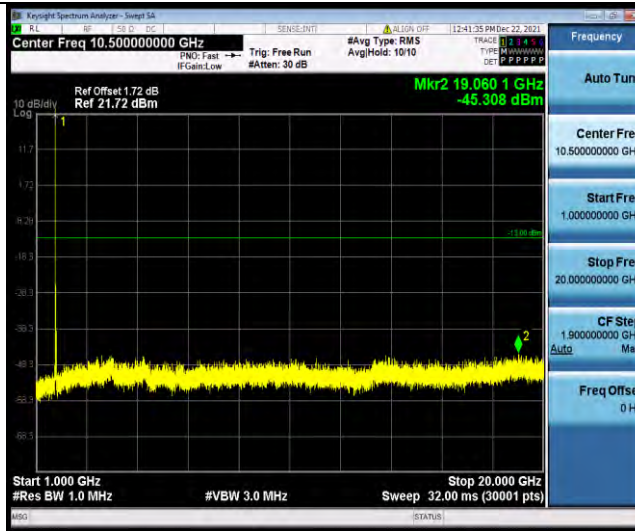


Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

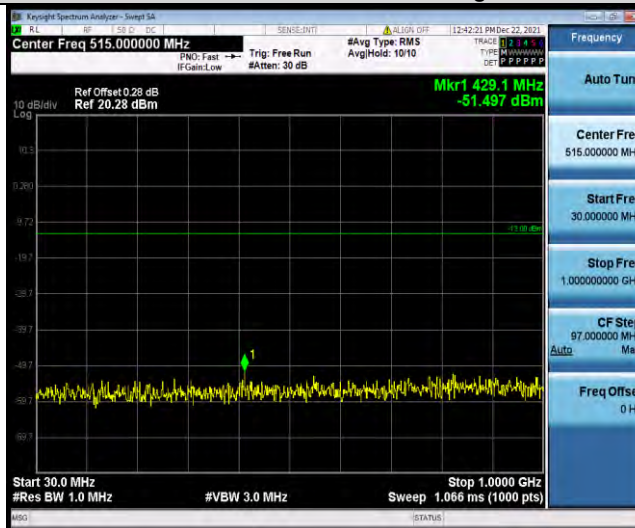


BUREAU VERITAS

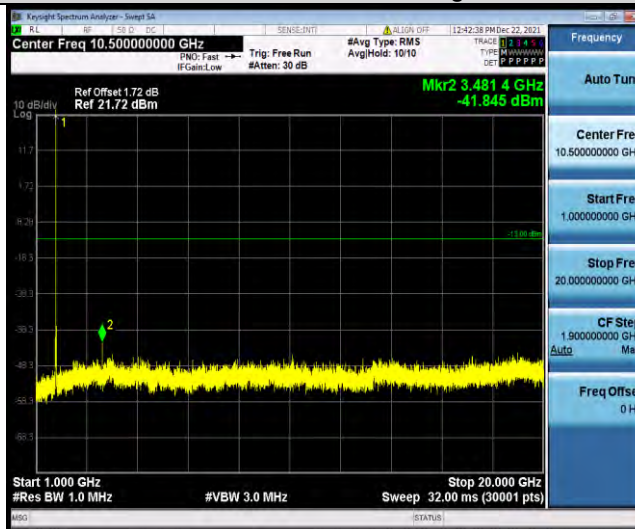
Test Report No.: W7L-211220W001RF03



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~2000MHz

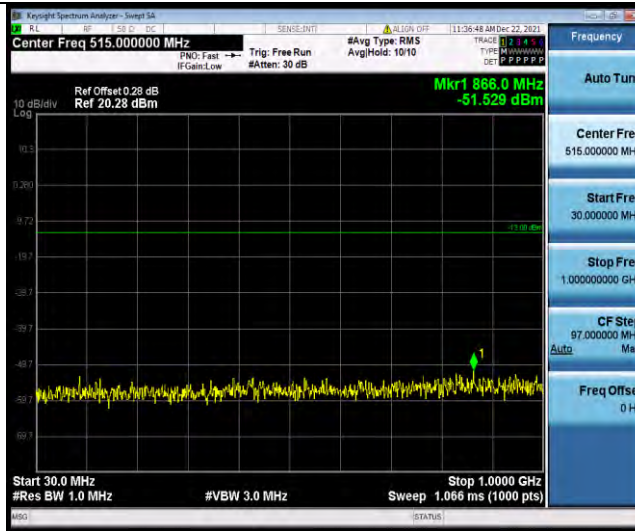


Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz

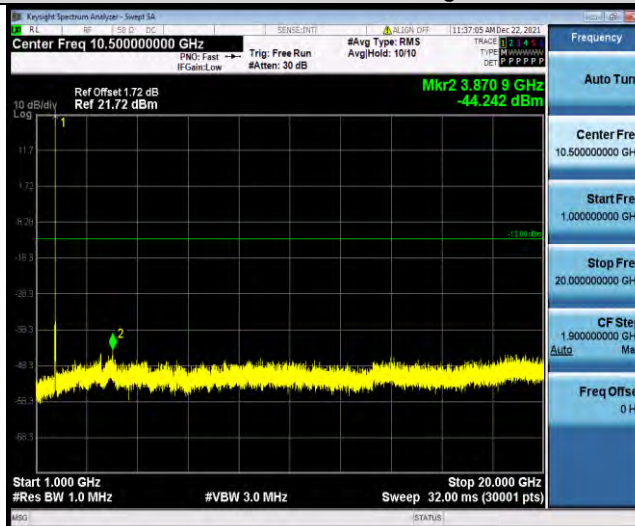


BUREAU VERITAS

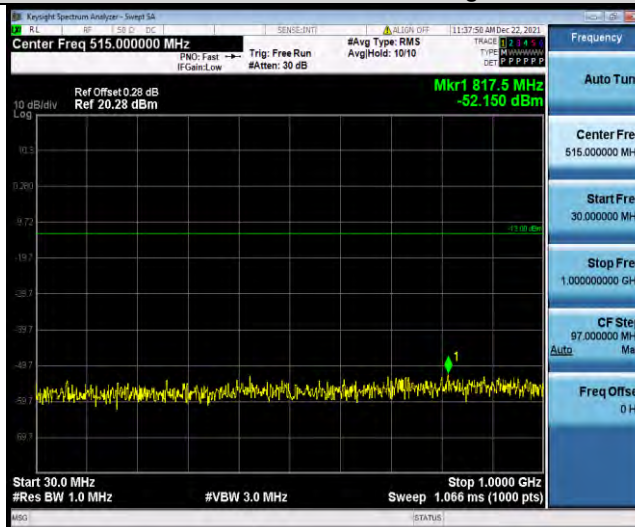
Test Report No.: W7L-211220W001RF03



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

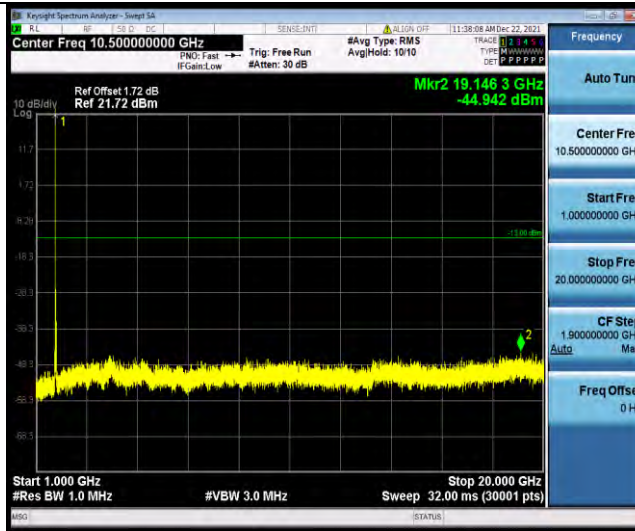


Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

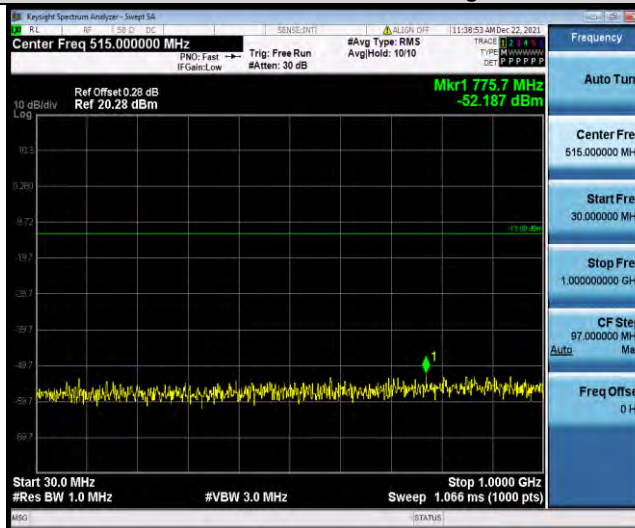


BUREAU VERITAS

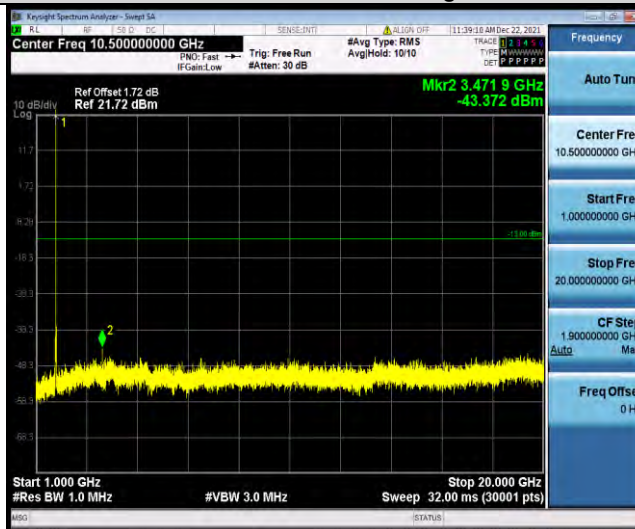
Test Report No.: W7L-211220W001RF03



Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz

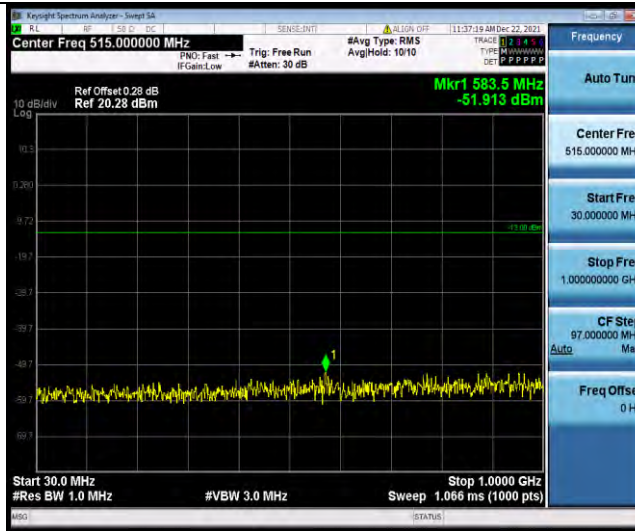


Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz

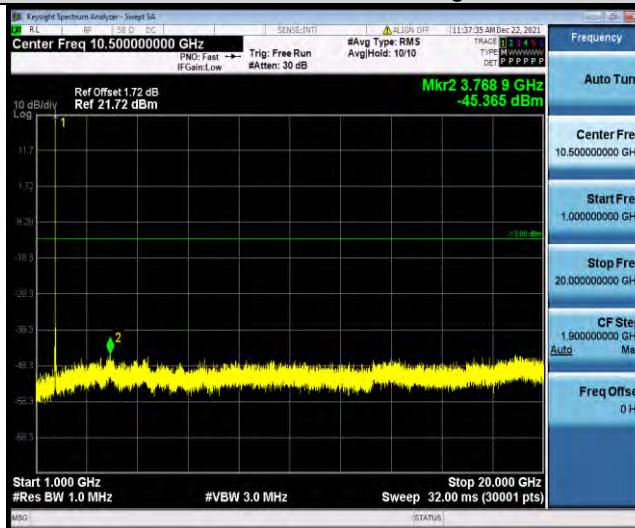


BUREAU VERITAS

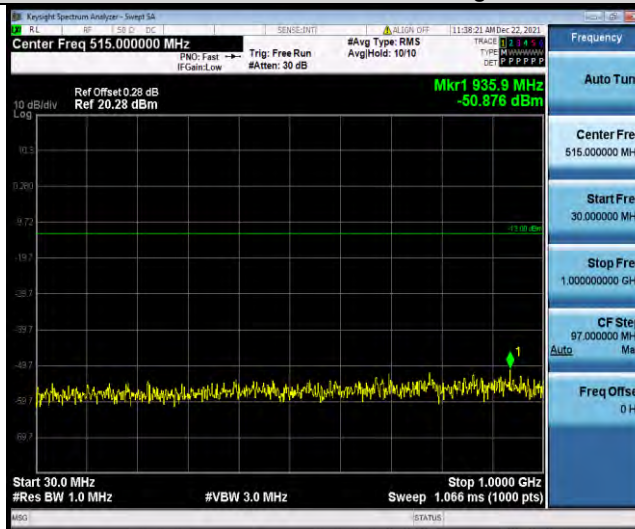
Test Report No.: W7L-211220W001RF03



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



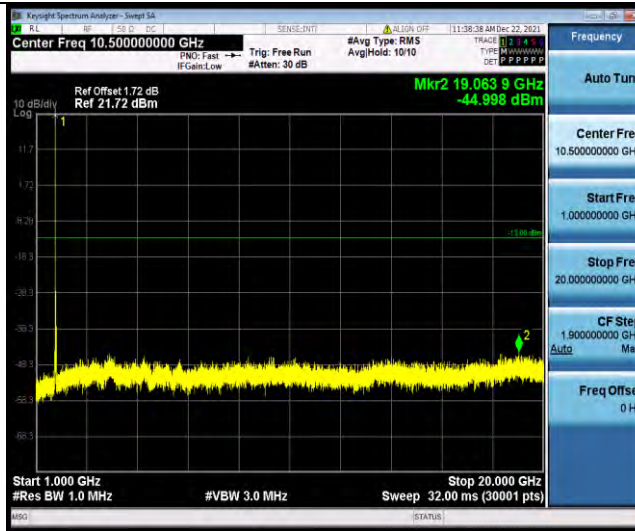
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



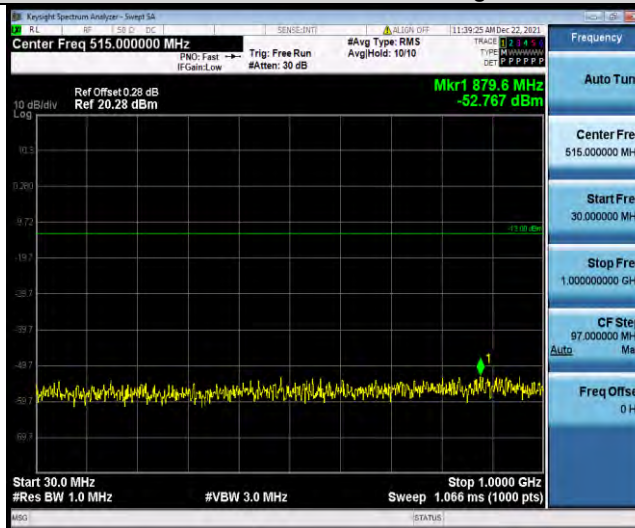


BUREAU VERITAS

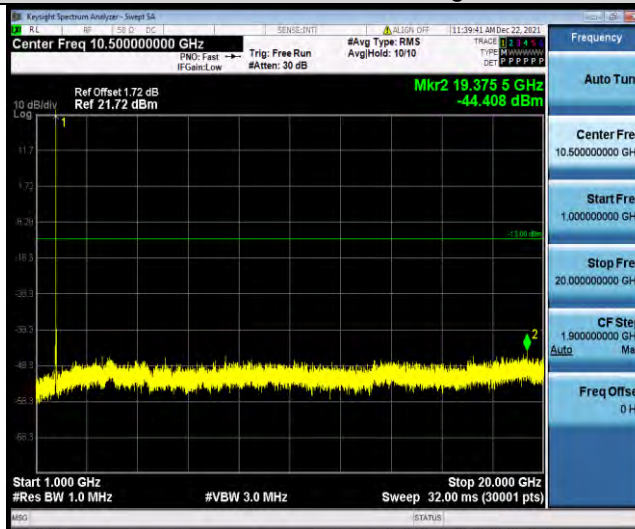
Test Report No.: W7L-211220W001RF03



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz





Test Report No.: W7L-211220W001RF03

## FREQUENCY STABILITY

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-1.47	-0.000859	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-3.03	-0.001771	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-3.76	-0.002198	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	12.29	0.007094	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	16.06	0.009270	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	14.49	0.008364	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-24.60	-0.014023	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-4.95	-0.002822	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-19.01	-0.010836	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	3.66	0.002139	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	7.48	0.004372	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-8.97	-0.005243	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-9.20	-0.005310	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	8.25	0.004762	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-8.23	-0.004750	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-7.10	-0.004047	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-7.95	-0.004532	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.88	-0.003922	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-10.74	-0.006275	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-9.66	-0.005644	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-14.69	-0.008583	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	11.40	0.006580	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	3.49	0.002014	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	2.57	0.001483	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-11.43	-0.006518	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-4.25	-0.002424	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-9.46	-0.005395	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-8.68	-0.005072	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-9.98	-0.005831	±2.5	PASS



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Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-19.86	-0.011604	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-2.16	-0.001247	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	1.69	0.000975	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-3.13	-0.001807	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	8.57	0.004887	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	12.23	0.006975	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-2.16	-0.001232	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-5.01	-0.002926	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-10.50	-0.006131	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-6.17	-0.003603	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-4.38	-0.002528	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-8.08	-0.004664	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-8.45	-0.004877	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-8.51	-0.004856	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	8.60	0.004907	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-9.48	-0.005409	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-7.64	-0.004461	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-8.90	-0.005197	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-18.47	-0.010785	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	2.10	0.001212	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-2.57	-0.001483	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-5.71	-0.003296	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	3.88	0.002214	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-8.38	-0.004782	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-5.99	-0.003418	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-2.36	-0.001376	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-6.32	-0.003685	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-6.01	-0.003504	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-2.92	-0.001685	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	5.51	0.003180	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	6.32	0.003648	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-9.54	-0.005451	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-11.90	-0.006800	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-7.02	-0.004011	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	5.52	0.003219	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-8.68	-0.005061	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-6.39	-0.003726	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	11.12	0.006418	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	0.96	0.000554	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	-10.06	-0.005807	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-8.94	-0.005109	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-14.31	-0.008177	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	-12.73	-0.007274	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-8.70	-0.005066	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	1.73	0.001007	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	8.90	0.005182	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-11.64	-0.006719	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-4.68	-0.002701	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-10.10	-0.005830	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	8.97	0.005133	±2.5	PASS



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Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-10.27	-0.005877	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-7.62	-0.004361	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	-10.41	-0.006061	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	-5.38	-0.003132	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	-9.41	-0.005479	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	-9.56	-0.005518	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	6.29	0.003631	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	-7.42	-0.004283	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	6.11	0.003496	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	11.00	0.006295	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	2.40	0.001373	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-7.27	-0.004227	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-7.24	-0.004209	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-3.85	-0.002238	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	7.15	0.004127	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	7.98	0.004606	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-2.36	-0.001362	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-7.51	-0.004304	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-7.31	-0.004189	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	4.26	0.002441	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-7.93	-0.004610	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-3.28	-0.001907	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-4.65	-0.002703	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-4.36	-0.002517	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	4.31	0.002488	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	4.53	0.002615	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	12.45	0.007135	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-5.48	-0.003140	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	9.37	0.005370	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	8.24	0.004817	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-11.20	-0.006547	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-4.05	-0.002367	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	8.78	0.005132	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	3.78	0.002210	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	11.97	0.006909	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	4.45	0.002569	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-7.85	-0.004531	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-4.31	-0.002488	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-9.13	-0.005270	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-10.97	-0.006253	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-16.18	-0.009223	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-22.96	-0.013088	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-9.17	-0.005227	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	4.72	0.002691	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-3.19	-0.001865	±2.5	PASS



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Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-6.22	-0.003636	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	7.47	0.004367	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-10.04	-0.005869	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-2.52	-0.001473	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	7.80	0.004502	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	10.60	0.006118	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	5.54	0.003198	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-5.12	-0.002955	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-8.21	-0.004739	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	3.39	0.001932	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-1.90	-0.001083	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-11.79	-0.006721	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-11.01	-0.006276	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-7.31	-0.004167	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-12.02	-0.007023	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-15.98	-0.009337	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-16.82	-0.009828	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-4.53	-0.002647	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-2.32	-0.001356	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	4.96	0.002863	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	3.48	0.002009	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-6.57	-0.003792	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	12.22	0.007053	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	7.12	0.004110	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	4.73	0.002697	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-5.49	-0.003131	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-4.16	-0.002372	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	2.33	0.001329	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	7.48	0.004266	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-18.45	-0.010780	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-11.63	-0.006795	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-13.39	-0.007824	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-15.92	-0.009302	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-15.89	-0.009284	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-7.55	-0.004358	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-1.06	-0.000612	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	3.09	0.001784	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	1.46	0.000843	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	1.10	0.000635	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	3.71	0.002116	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	10.80	0.006159	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-6.29	-0.003587	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	6.09	0.003473	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	13.05	0.007442	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-12.16	-0.007101	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-6.11	-0.003568	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-8.44	-0.004928	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-9.84	-0.005746	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-10.06	-0.005874	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	4.73	0.002730	±2.5	PASS



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Band4	5MHz	QPSK	20175	25RB#0	NV	-20	1.27	0.000733	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	1.56	0.000900	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-10.01	-0.005778	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-10.63	-0.006136	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	5.98	0.003412	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-2.89	-0.001649	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	5.31	0.003030	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-7.91	-0.004514	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	7.04	0.004017	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-10.46	-0.006108	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-7.77	-0.004537	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-16.82	-0.009822	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-14.83	-0.008660	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-14.69	-0.008578	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-5.29	-0.003053	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	5.91	0.003411	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	2.52	0.001455	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-11.09	-0.006401	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	3.25	0.001876	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	7.77	0.004434	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-9.61	-0.005484	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-3.43	-0.001957	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-6.69	-0.003817	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-3.69	-0.002106	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-4.51	-0.002630	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-2.82	-0.001644	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-6.90	-0.004023	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-1.43	-0.000834	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-3.45	-0.002012	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-4.98	-0.002874	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-9.44	-0.005449	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-10.10	-0.005830	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	9.98	0.005760	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	9.13	0.005270	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-14.63	-0.008360	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-11.36	-0.006491	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-15.22	-0.008697	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-16.89	-0.009651	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-12.27	-0.007011	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	2.23	0.001300	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	8.74	0.005096	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-2.07	-0.001207	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	8.10	0.004723	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	3.99	0.002327	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	5.95	0.003434	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-2.92	-0.001685	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	-4.23	-0.002442	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	5.36	0.003094	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	3.49	0.002014	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	-7.30	-0.004171	±2.5	PASS



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Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-9.31	-0.005320	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	-15.36	-0.008777	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-11.36	-0.006491	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	-11.06	-0.006320	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	8.40	0.004891	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	4.31	0.002509	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	7.15	0.004163	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	10.13	0.005898	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	7.62	0.004437	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-7.18	-0.004144	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	4.45	0.002569	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	7.58	0.004375	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	8.63	0.004981	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-2.35	-0.001356	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-8.77	-0.005019	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-3.71	-0.002123	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	9.24	0.005288	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	9.63	0.005511	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-4.52	-0.002587	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	-5.58	-0.003249	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	7.88	0.004588	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	4.18	0.002434	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	6.47	0.003767	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	-4.66	-0.002713	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	3.95	0.002280	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	10.39	0.005997	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	-4.58	-0.002644	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	-9.47	-0.005466	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	5.56	0.003209	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	5.21	0.002981	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	2.52	0.001442	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	-3.95	-0.002260	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	2.60	0.001488	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	4.21	0.002409	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-2.15	-0.001250	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	7.74	0.004500	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	8.14	0.004733	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-7.80	-0.004535	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	2.07	0.001203	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	6.42	0.003706	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	8.68	0.005010	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	7.27	0.004196	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	3.05	0.001760	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-9.17	-0.005293	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-11.92	-0.006831	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	6.49	0.003719	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-2.95	-0.001691	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-12.47	-0.007146	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	5.52	0.003163	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	3.39	0.001971	±2.5	PASS



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Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.68	0.002721	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-4.81	-0.002797	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	6.21	0.003610	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-1.87	-0.001087	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-4.81	-0.002776	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-2.89	-0.001668	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-6.79	-0.003919	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-2.53	-0.001460	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	4.35	0.002511	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	6.25	0.003582	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	8.20	0.004699	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	11.92	0.006831	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-8.41	-0.004819	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-5.45	-0.003123	±2.5	PASS

## LTE BAND7

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

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.70	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.47	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.60	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.24	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.62	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.28	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.49	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.23	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.05	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.03	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.22	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.08	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.67	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.48	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.50	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.25	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.70	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.32	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.36	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.30	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.16	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.08	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.52	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.15	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.61	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.63	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.53	13	PASS



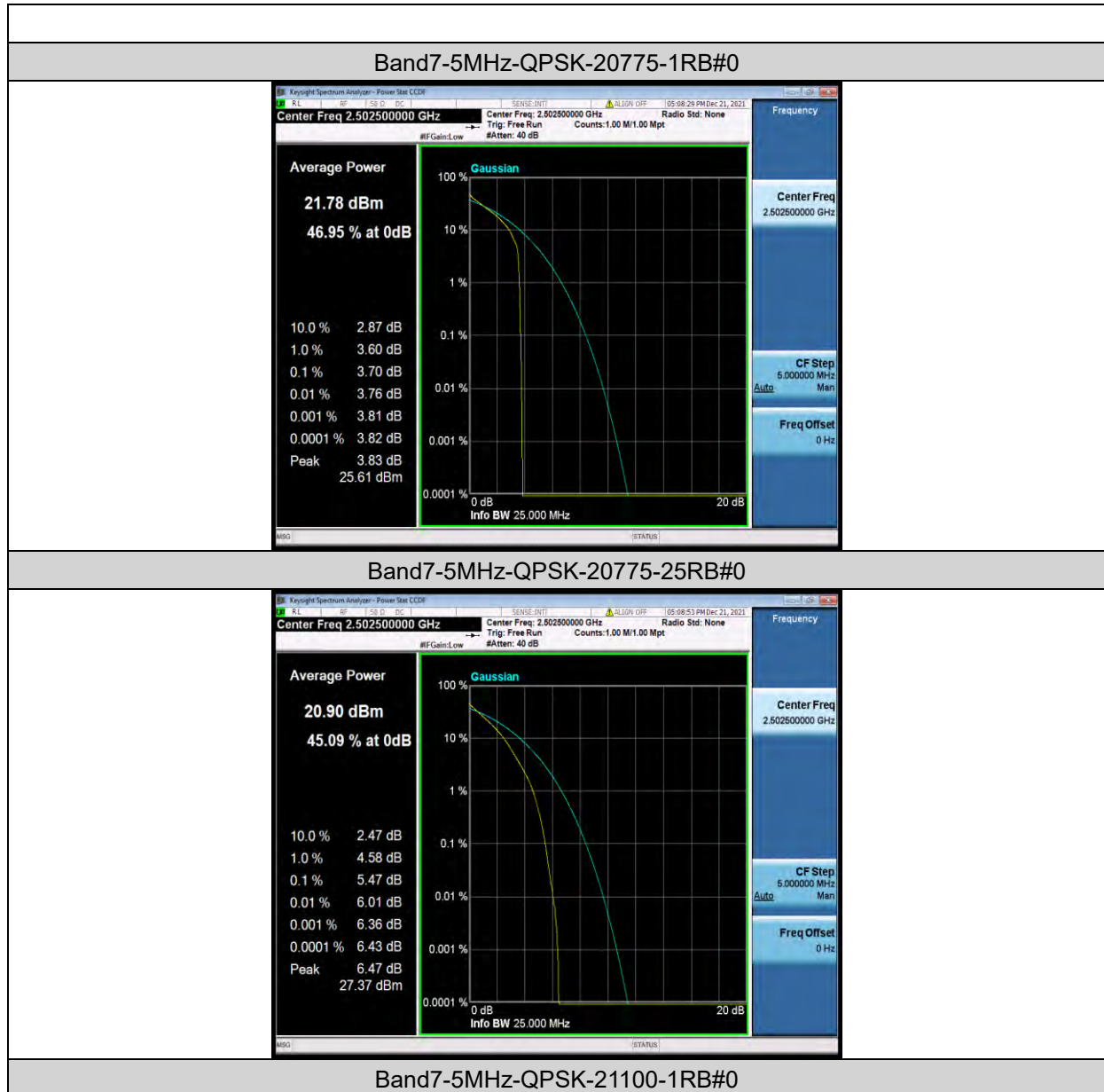


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**Test Report No.: W7L-211220W001RF03**

Band7	15MHz	QPSK	21100	75RB#0	5.45	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.63	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.55	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.27	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.31	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.13	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.17	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.55	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.27	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.53	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.40	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.50	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.27	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.63	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.37	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.27	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.21	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.27	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.09	13	PASS
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Band7	20MHz	16QAM	21350	100RB#0	6.18	13	PASS

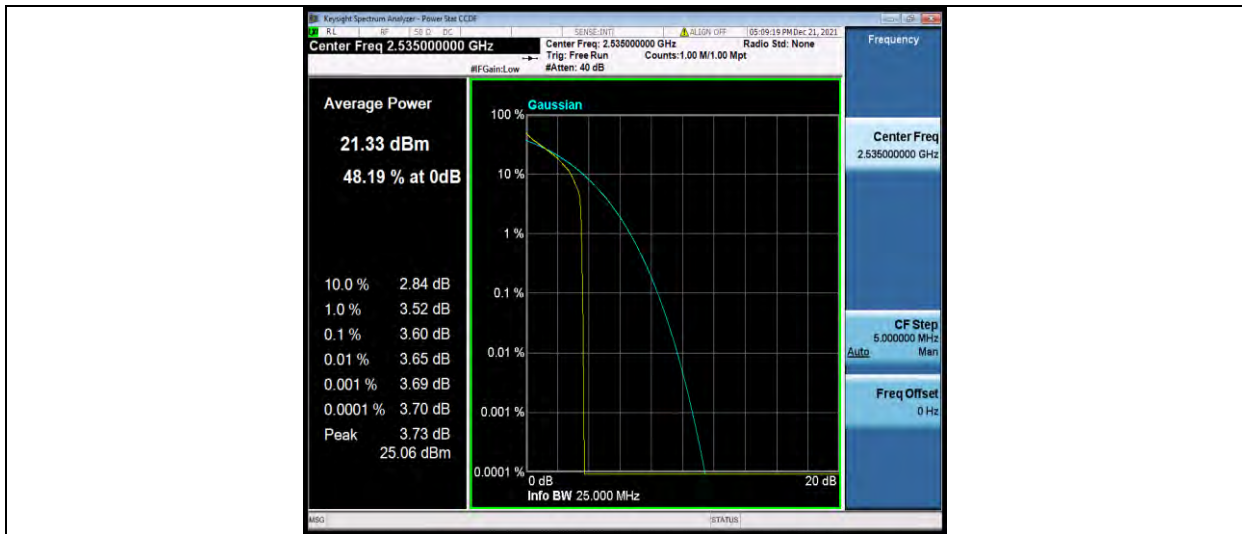
## Test Graphs



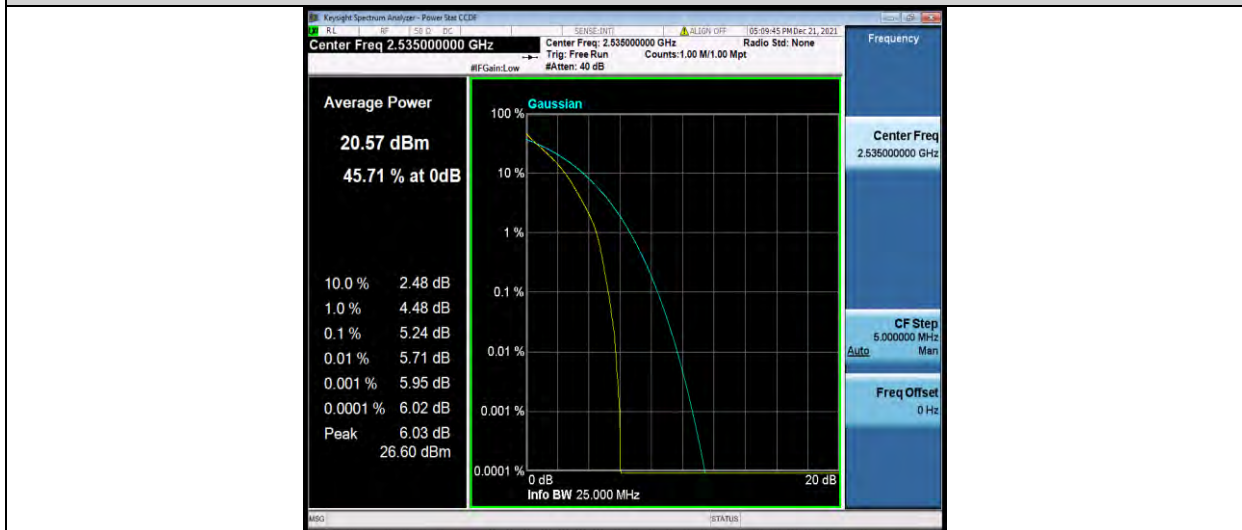


BUREAU VERITAS

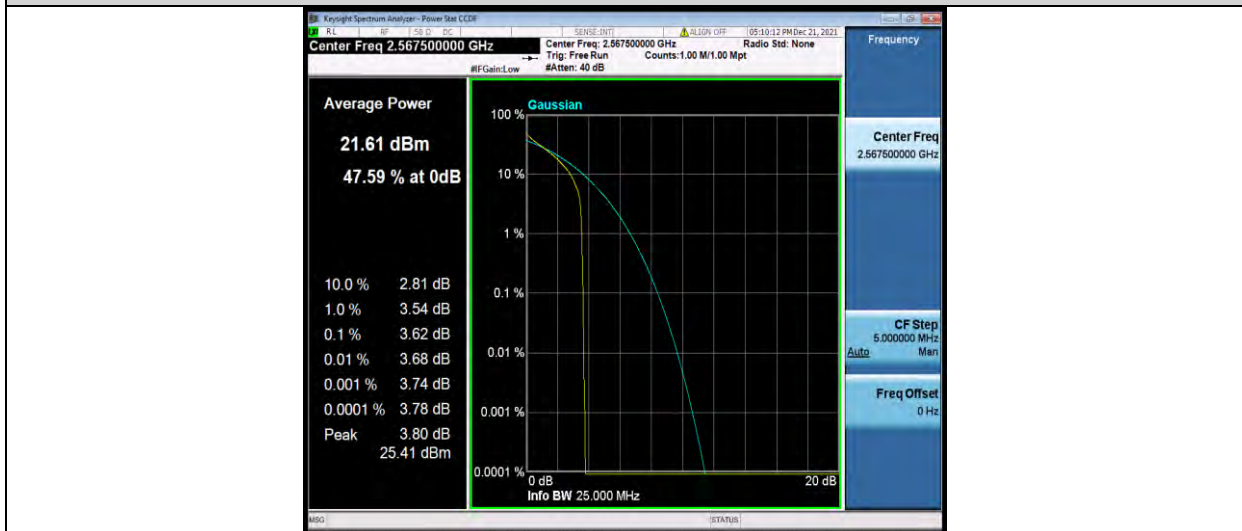
Test Report No.: W7L-211220W001RF03



Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-1RB#0

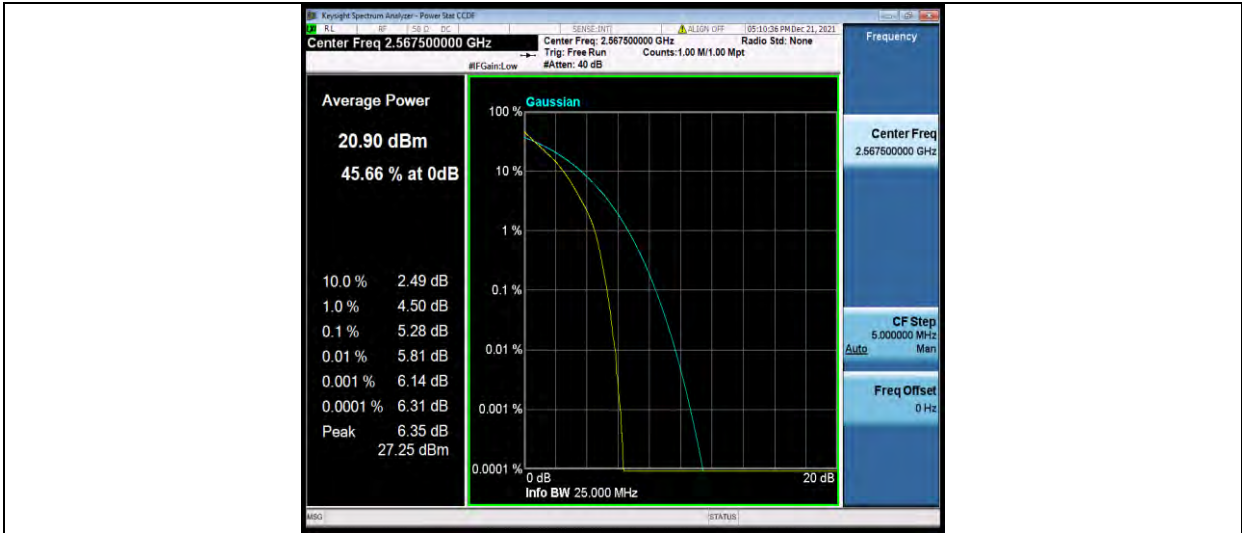


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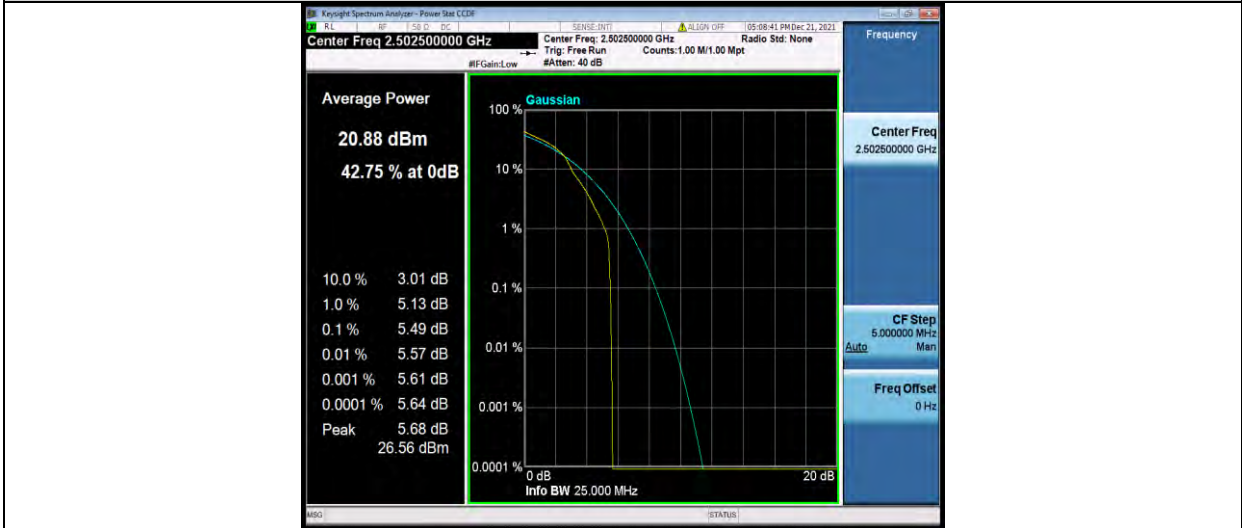


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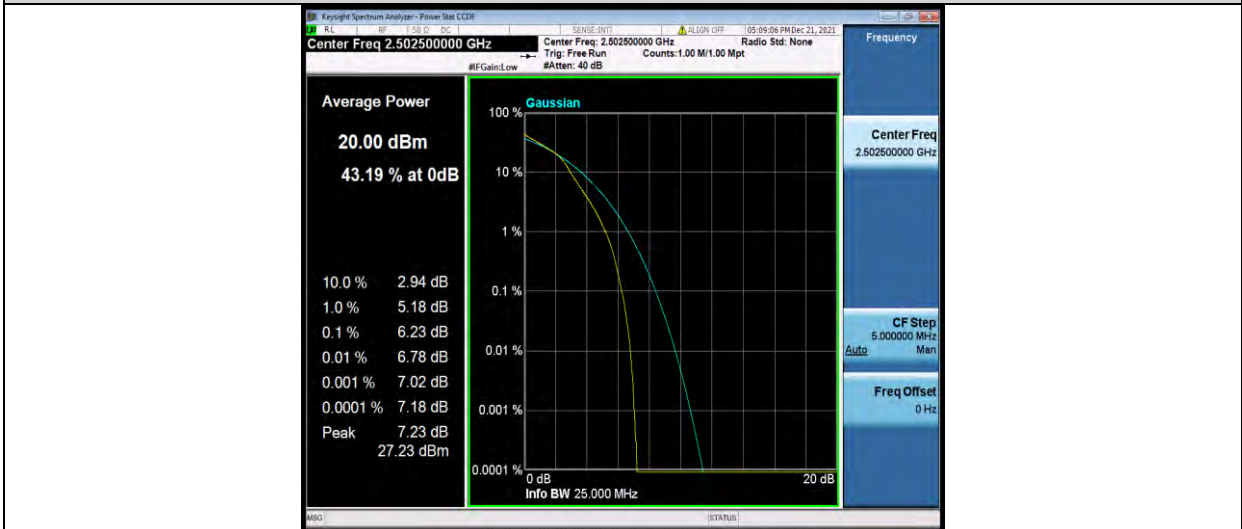
Test Report No.: W7L-211220W001RF03



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0

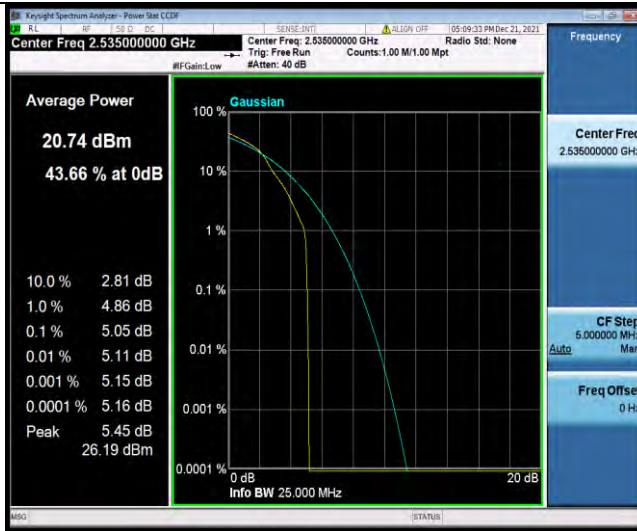


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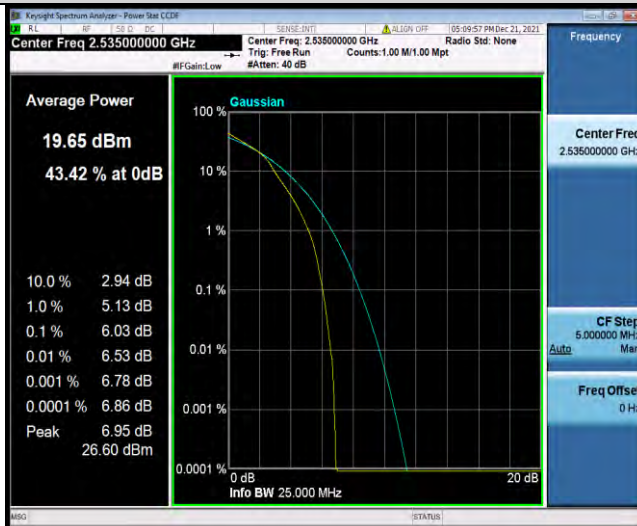


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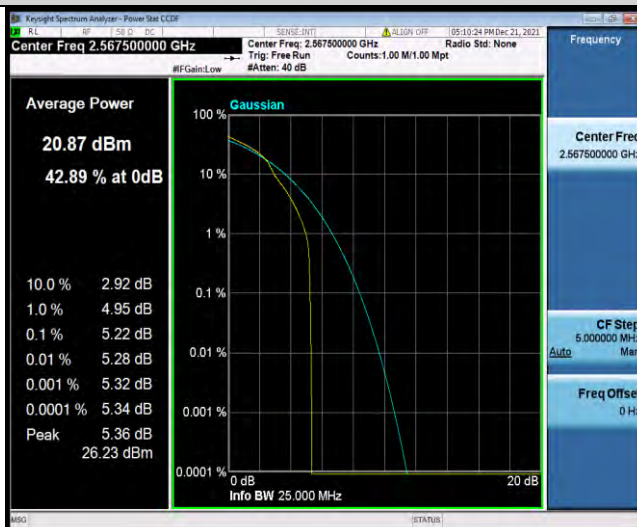
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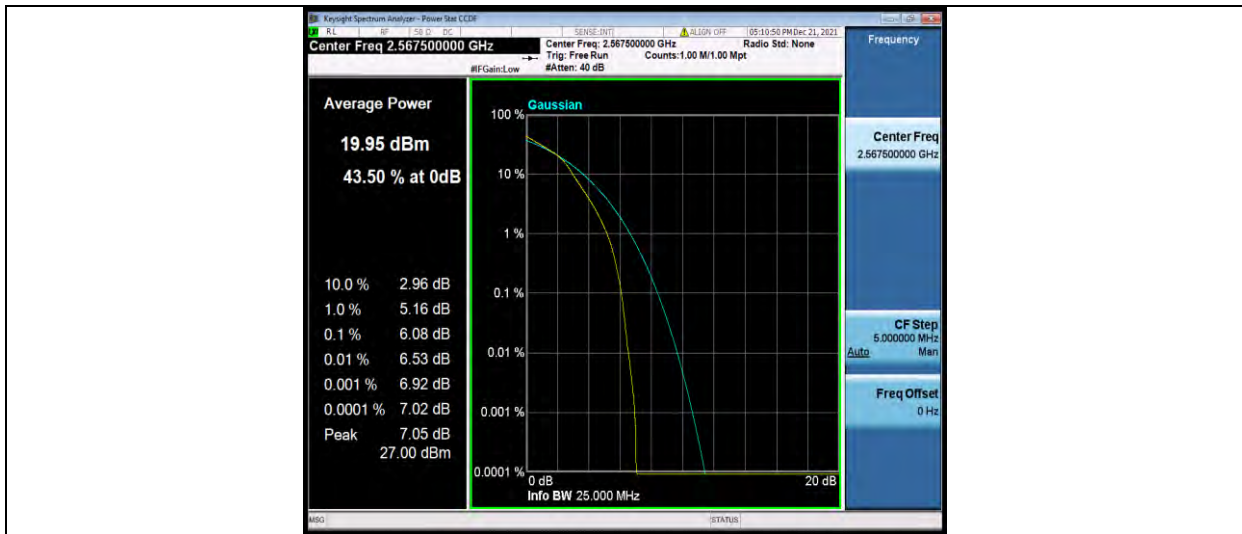


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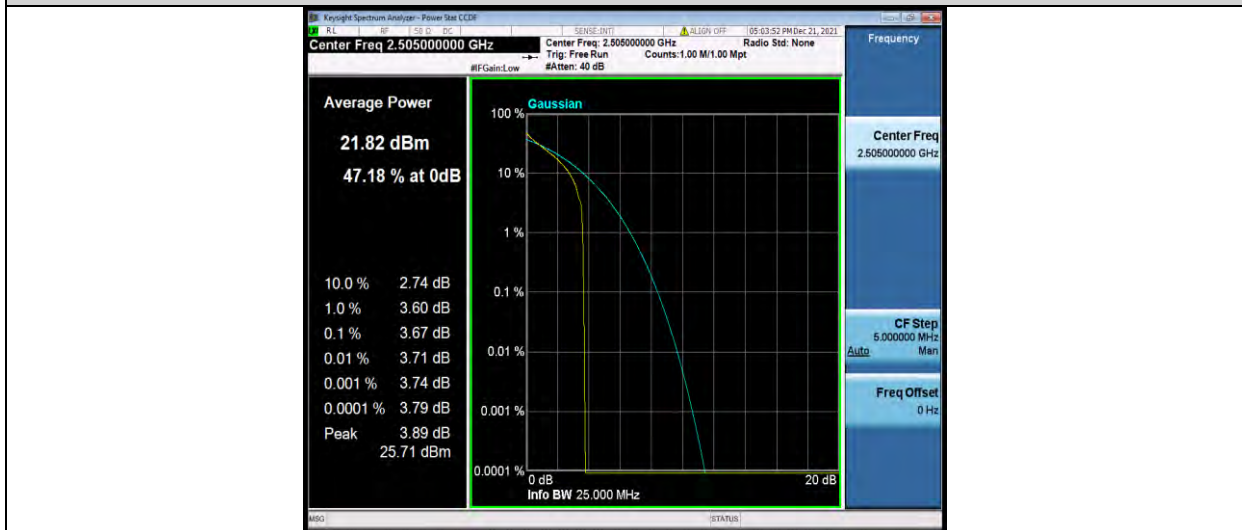


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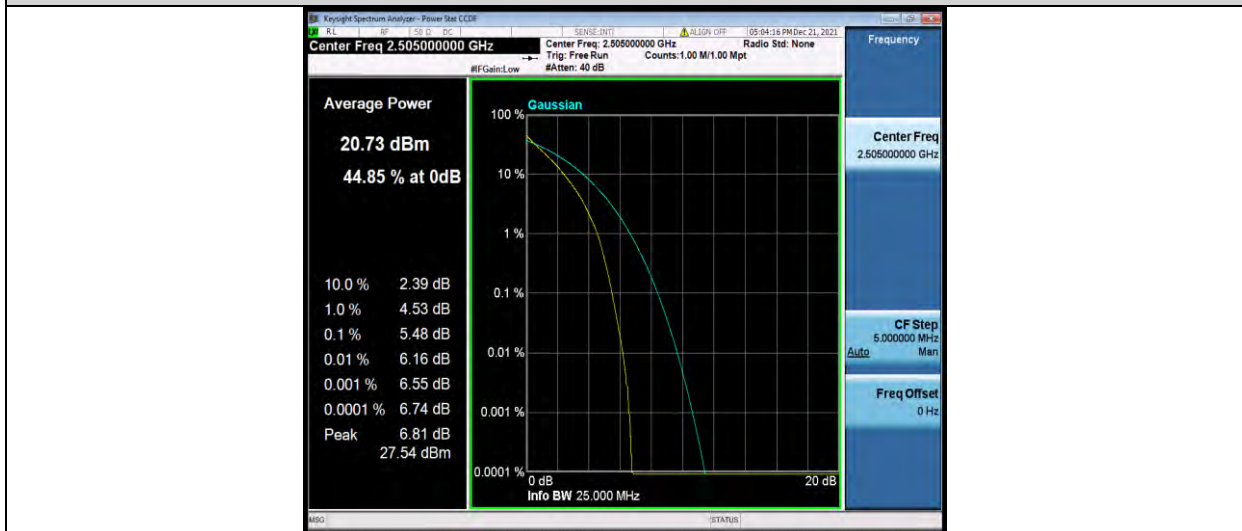
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Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0

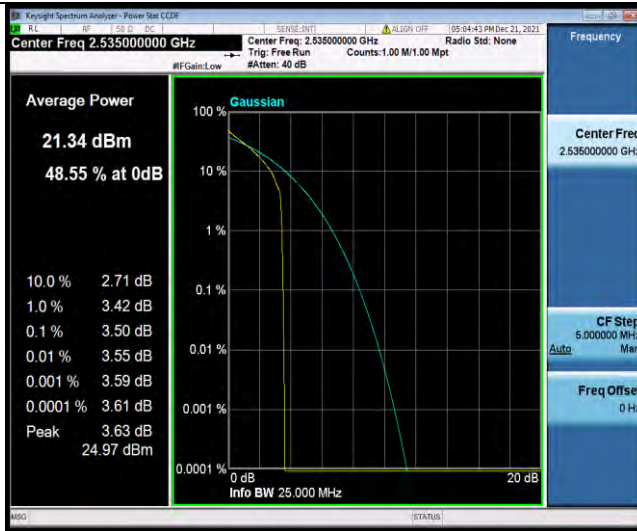


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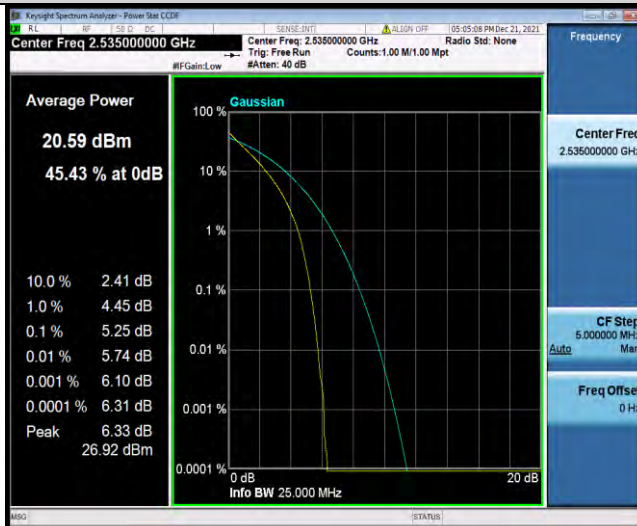


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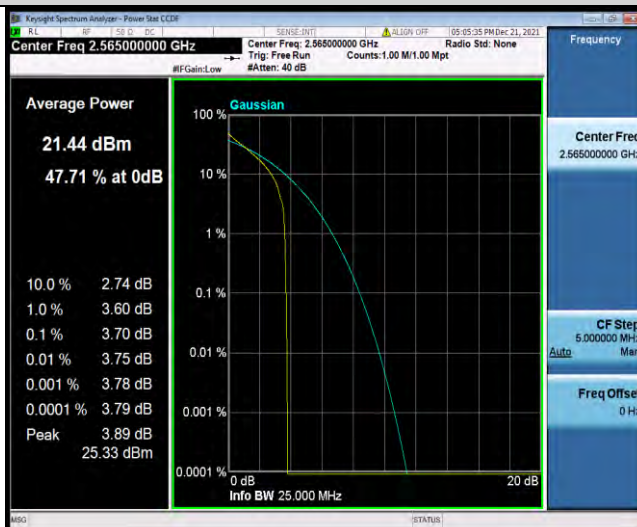
Test Report No.: W7L-211220W001RF03



Band7-10MHz-QPSK-21100-50RB#0



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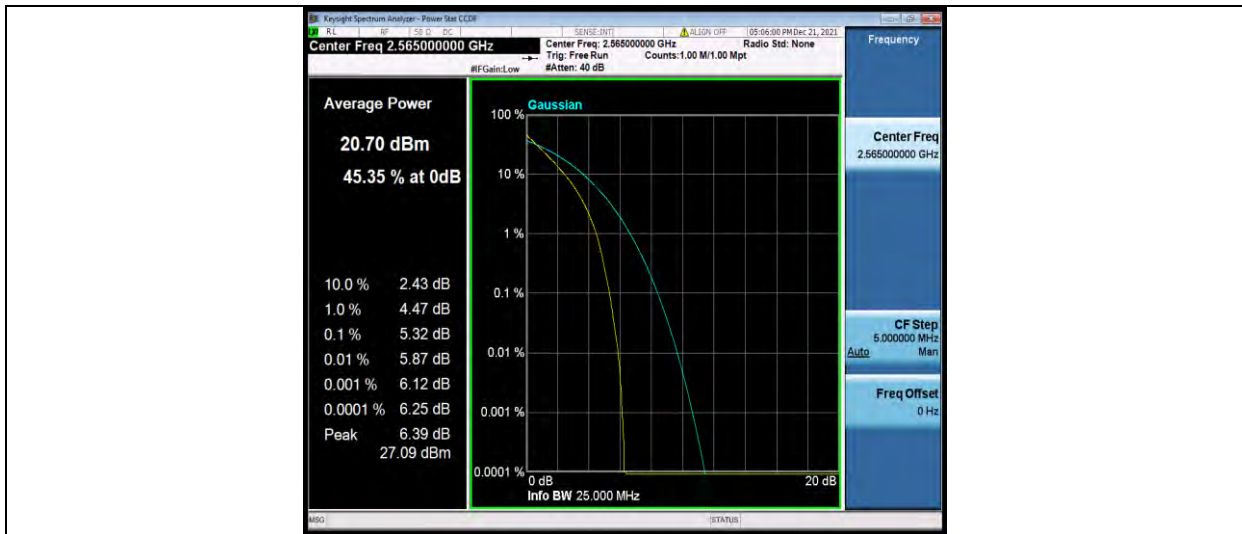


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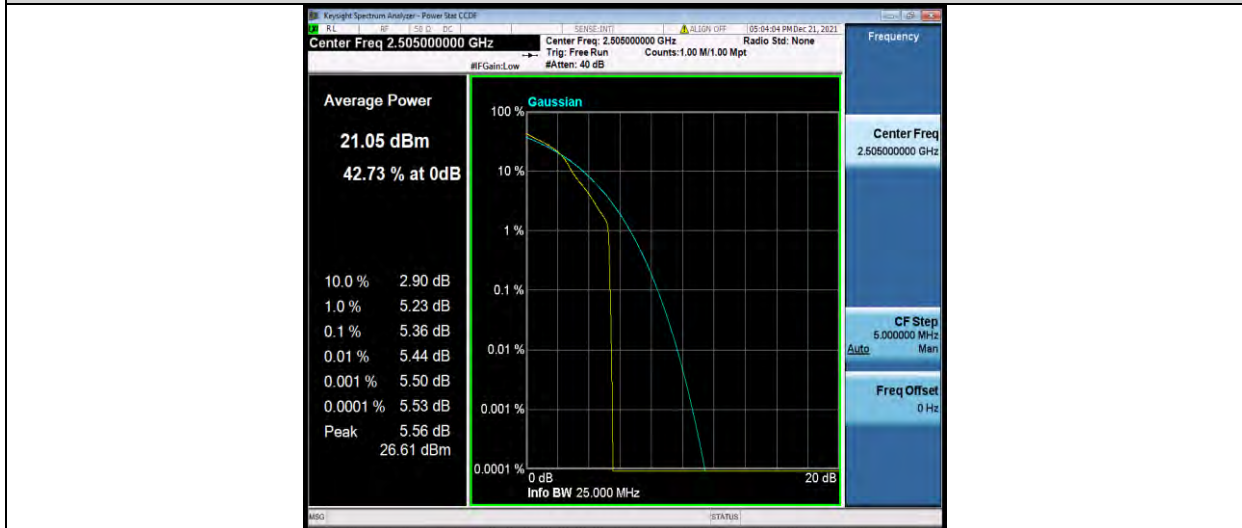


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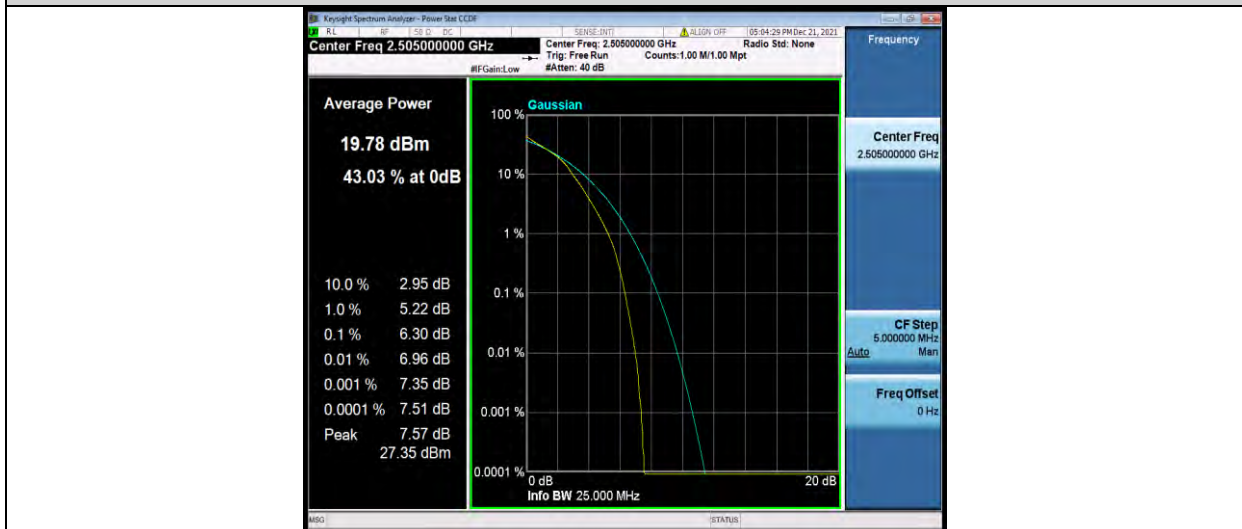
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Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-50RB#0



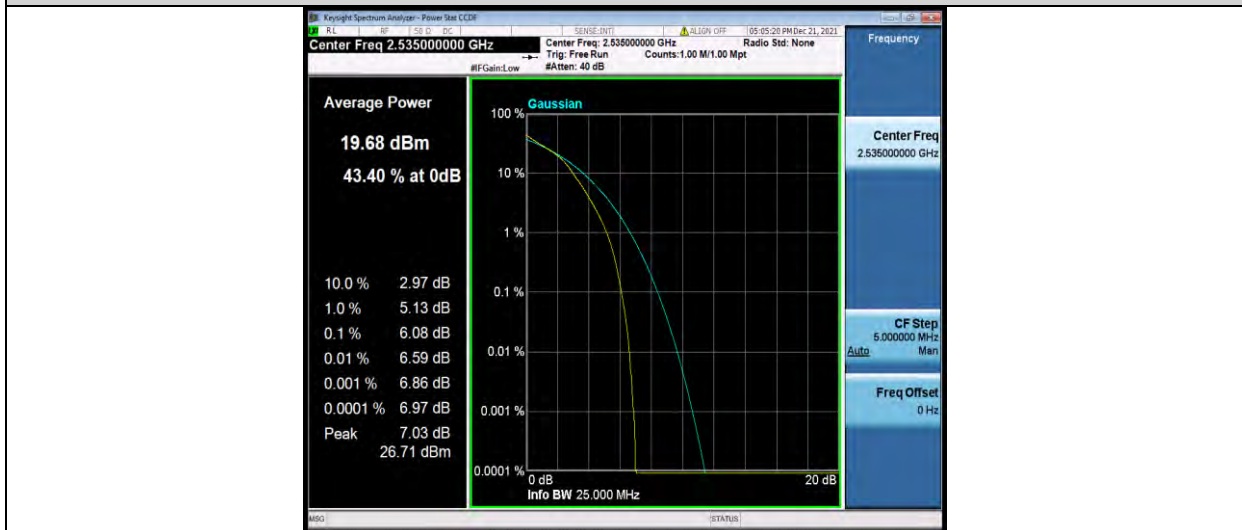
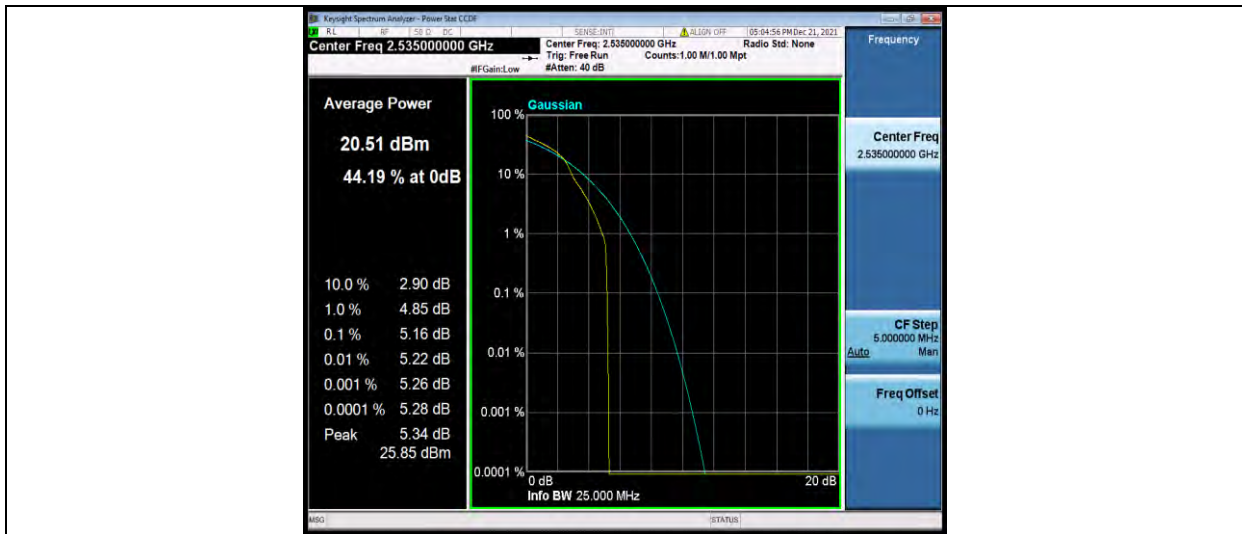
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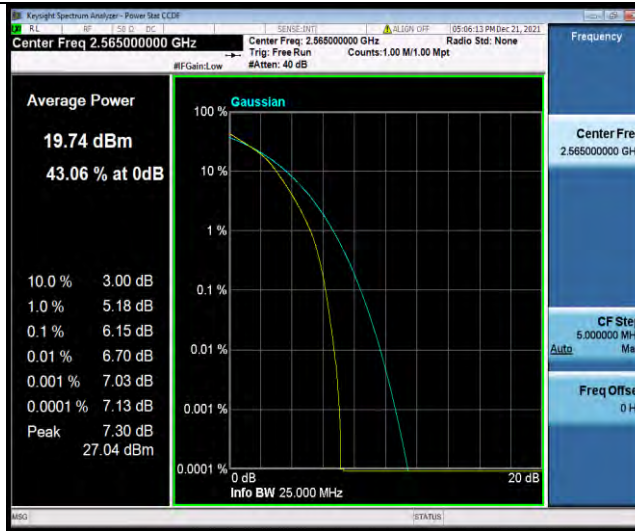
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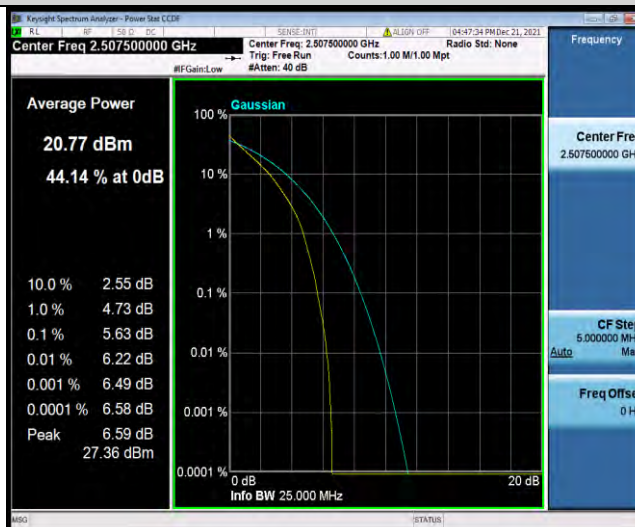
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Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0

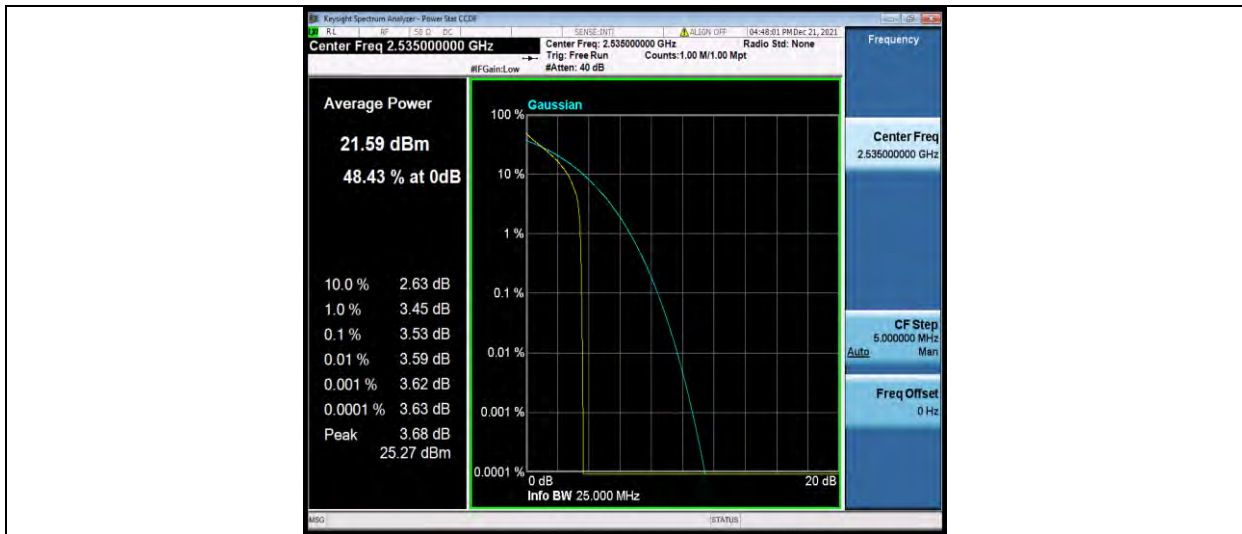


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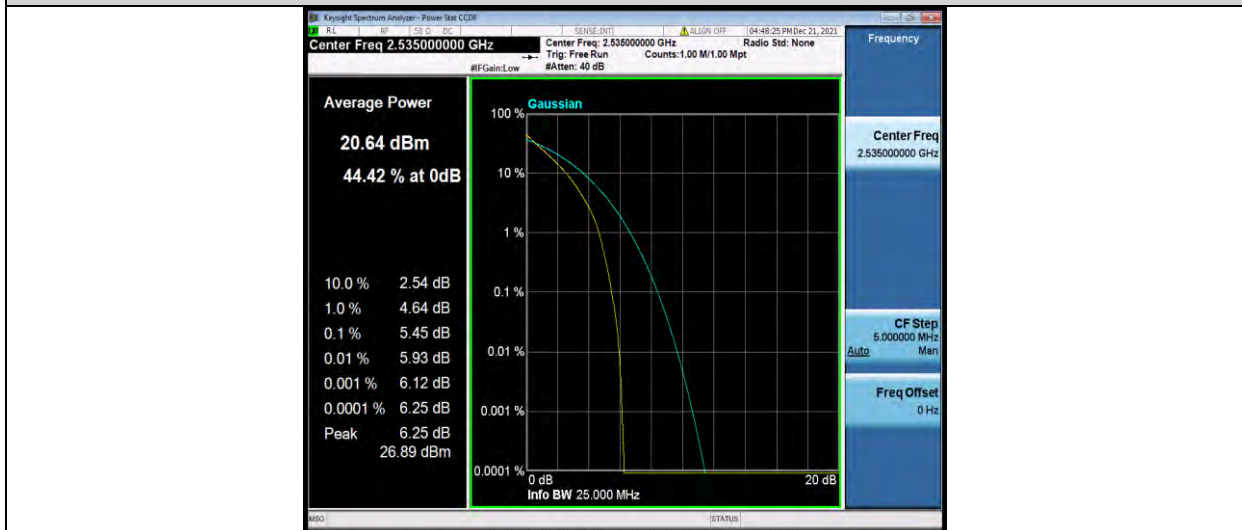


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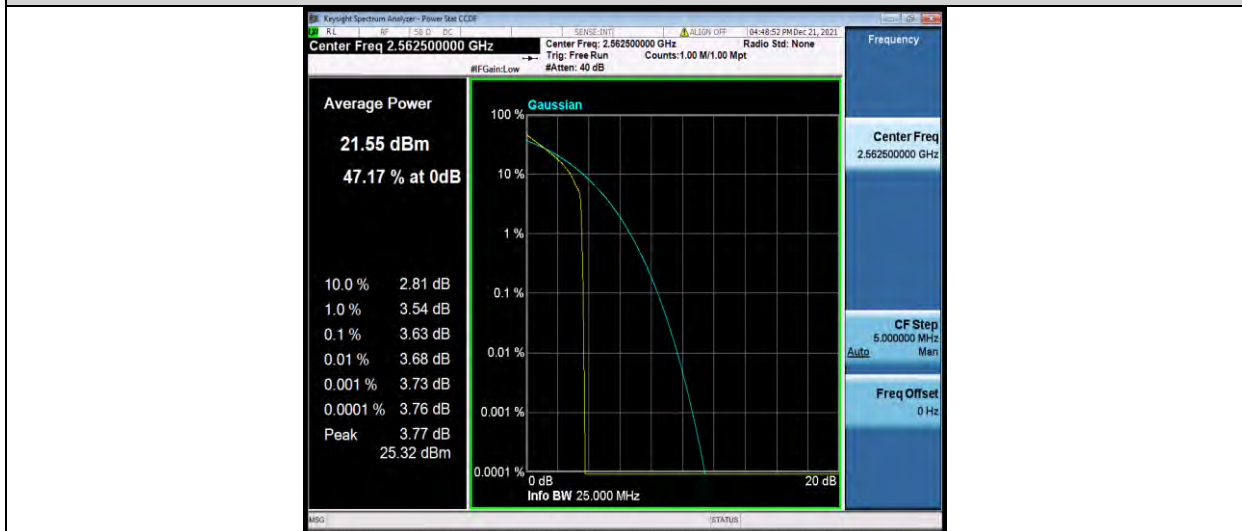
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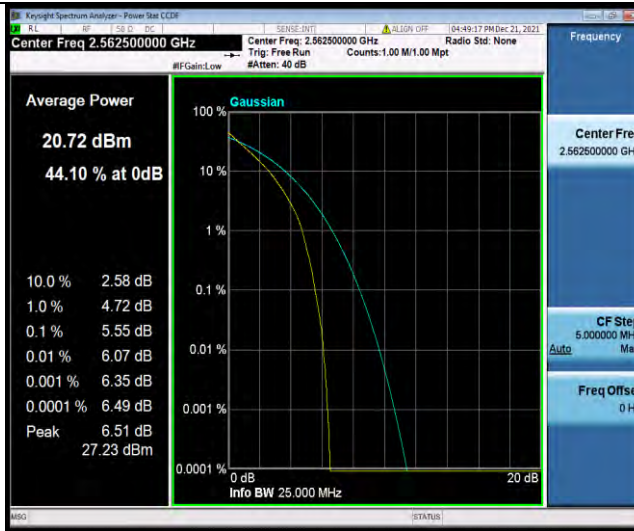


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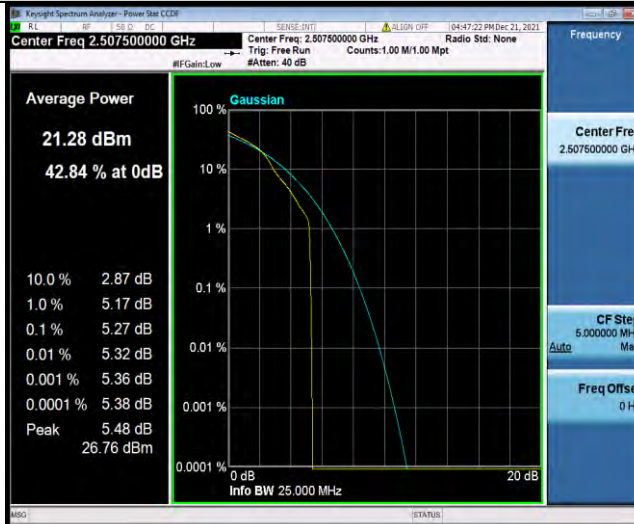


BUREAU  
VERITAS

Test Report No.: W7L-211220W001RF03



Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0

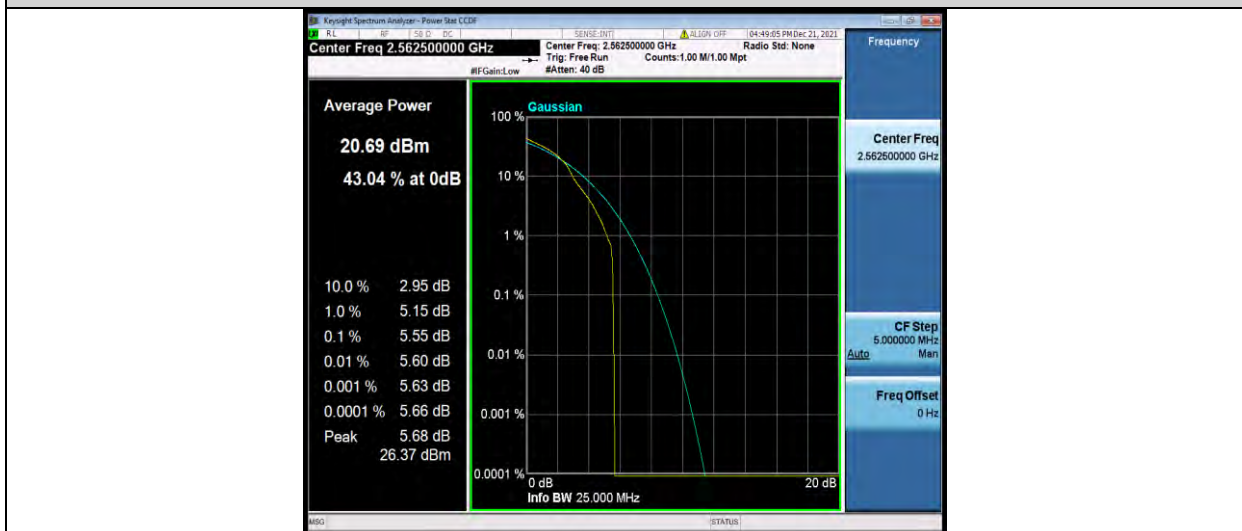
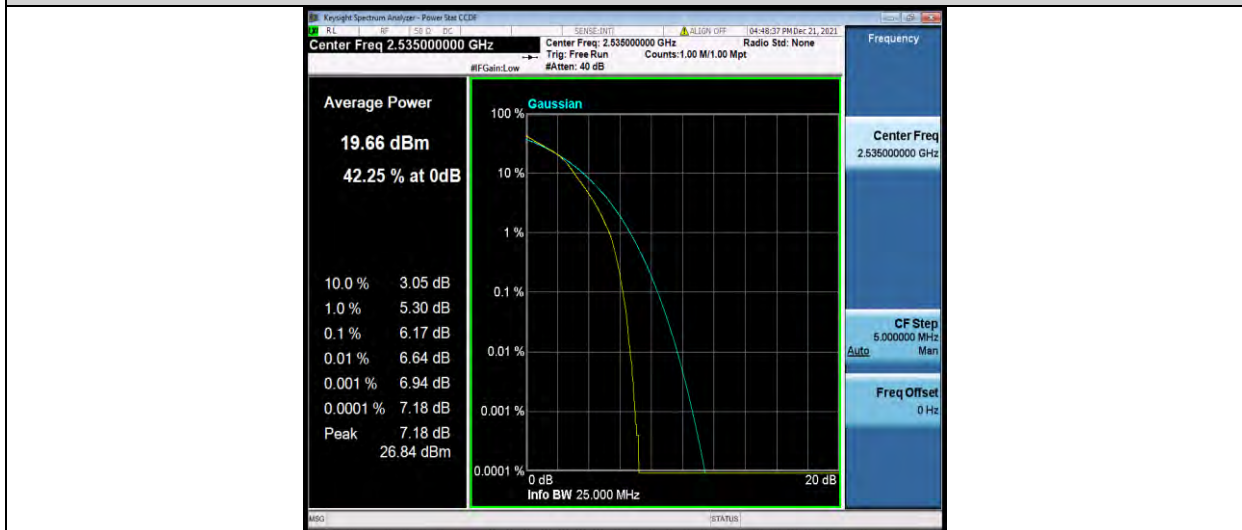
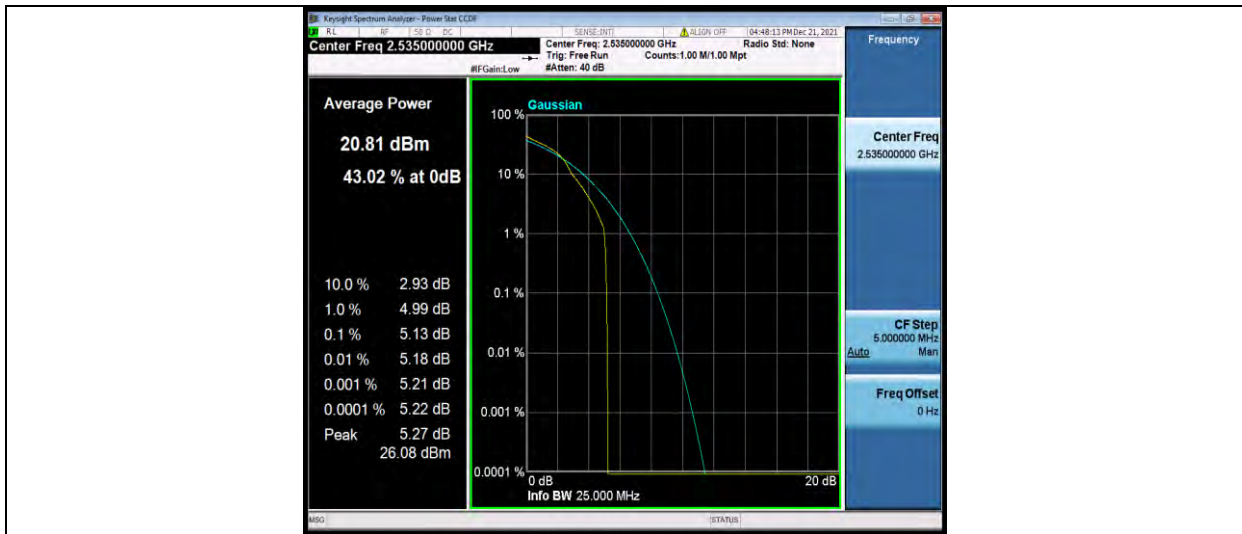


Band7-15MHz-16QAM-21100-1RB#0



BUREAU VERITAS

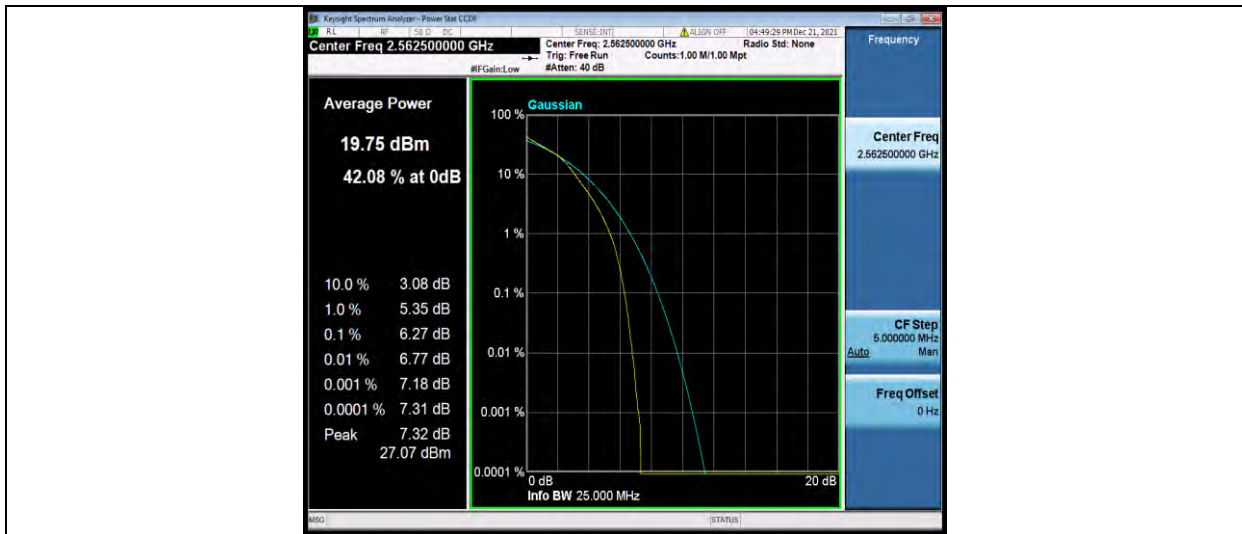
Test Report No.: W7L-211220W001RF03



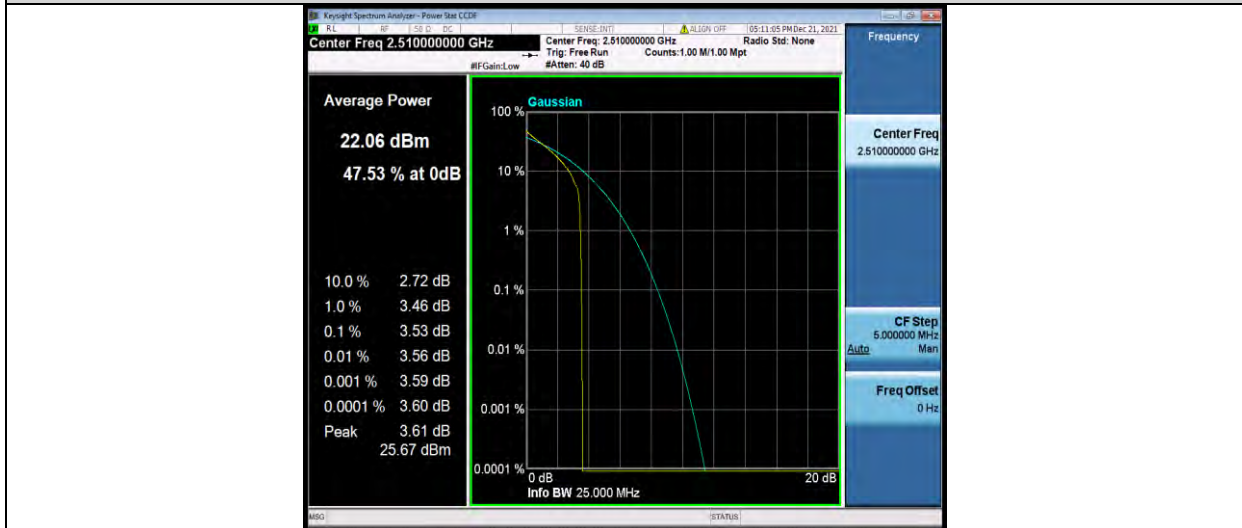


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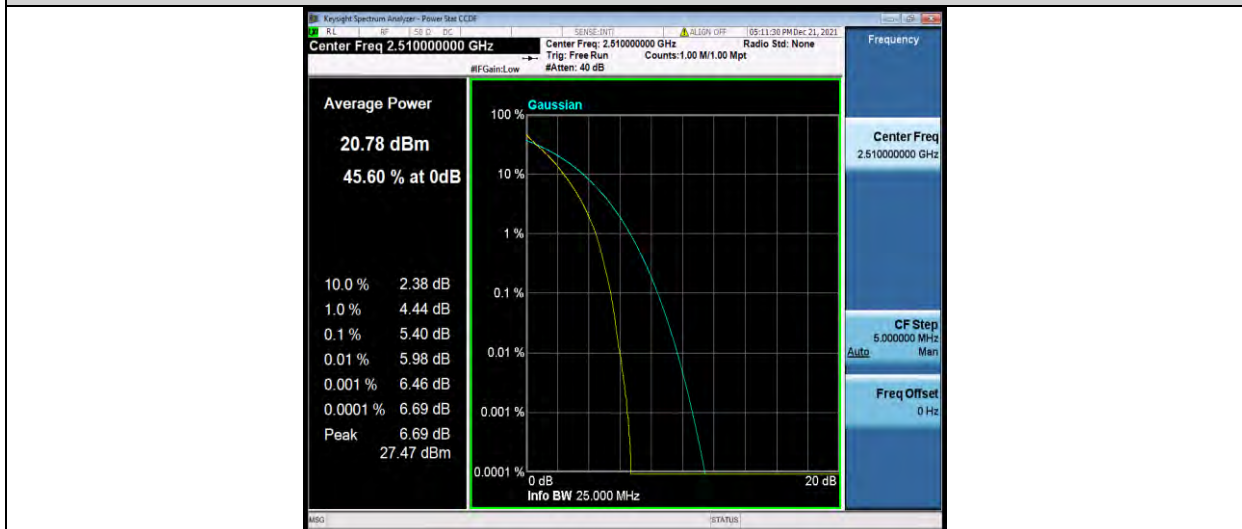
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Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-100RB#0

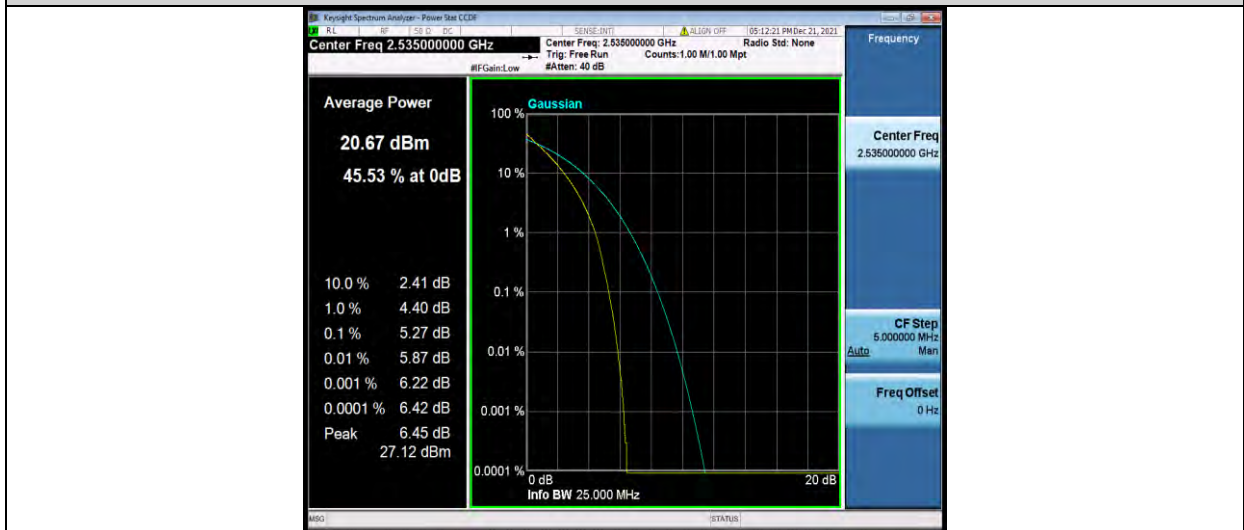
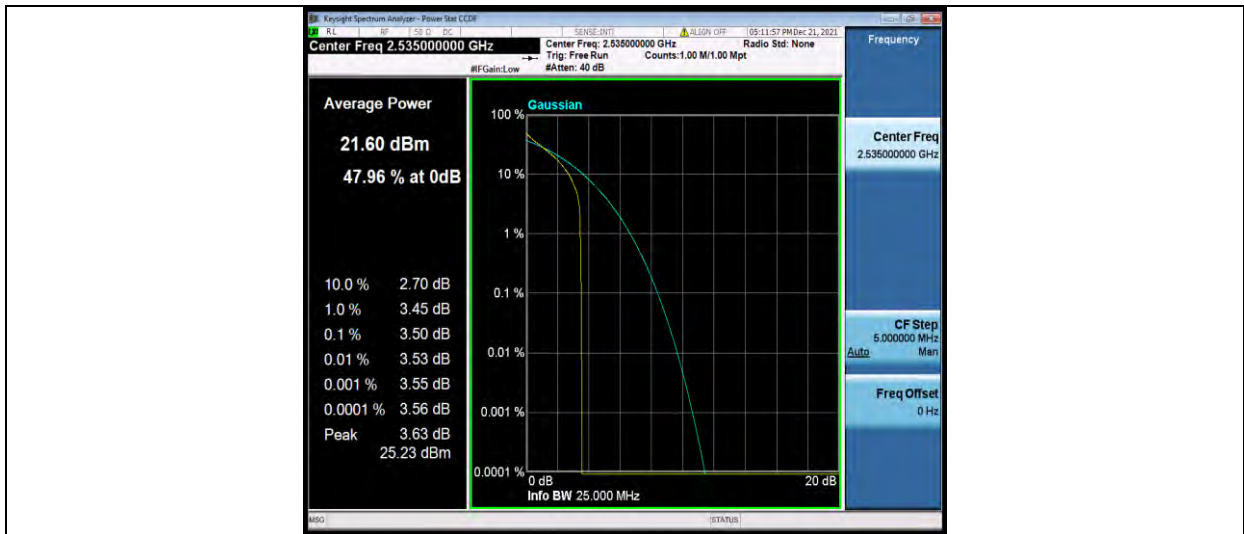


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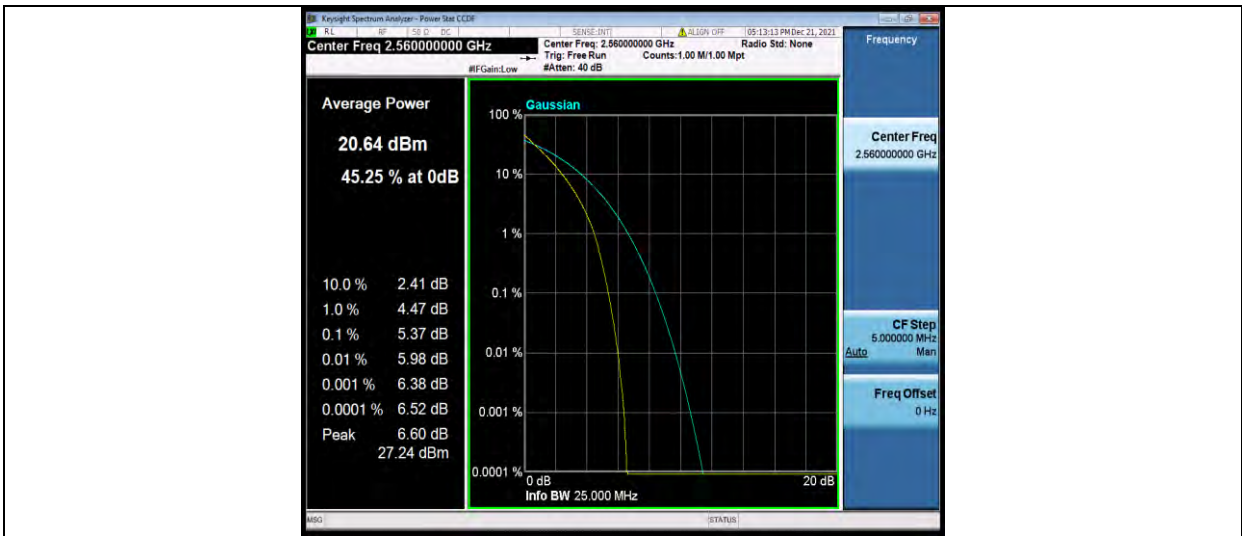
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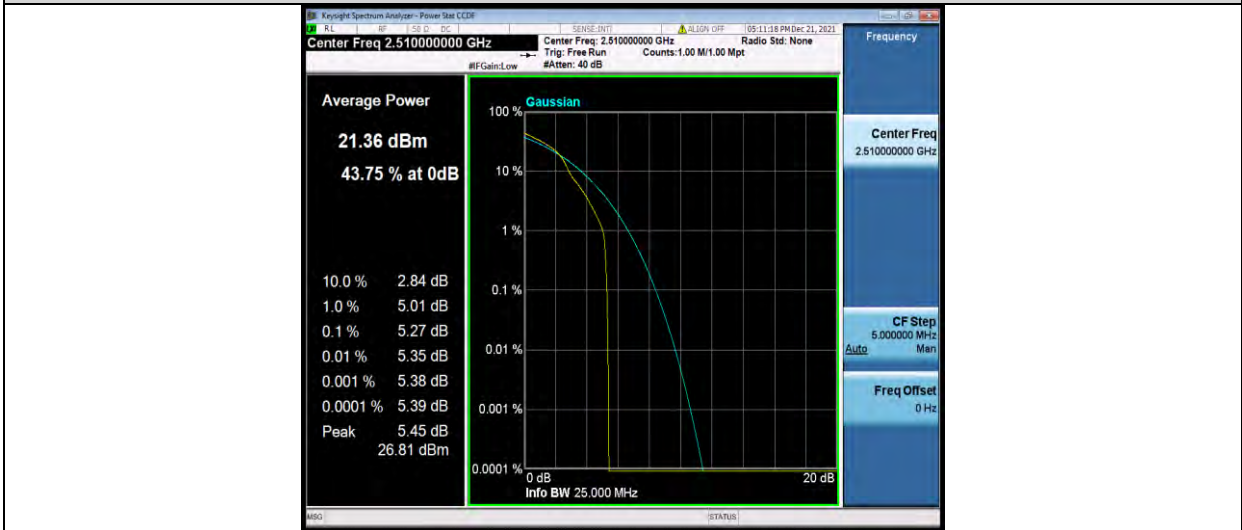


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VERITAS

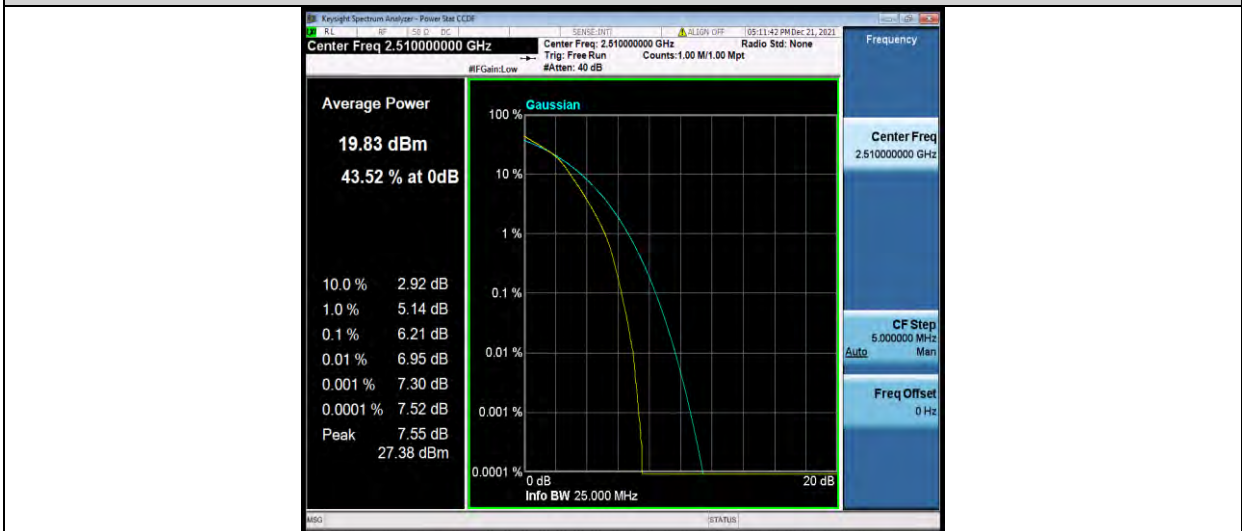
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Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-100RB#0



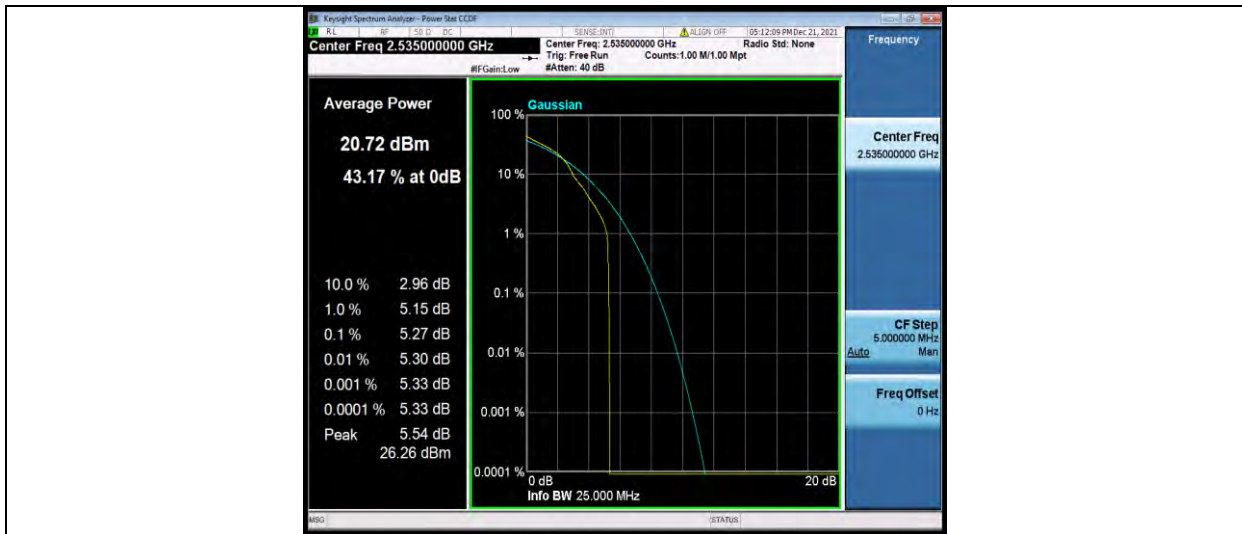
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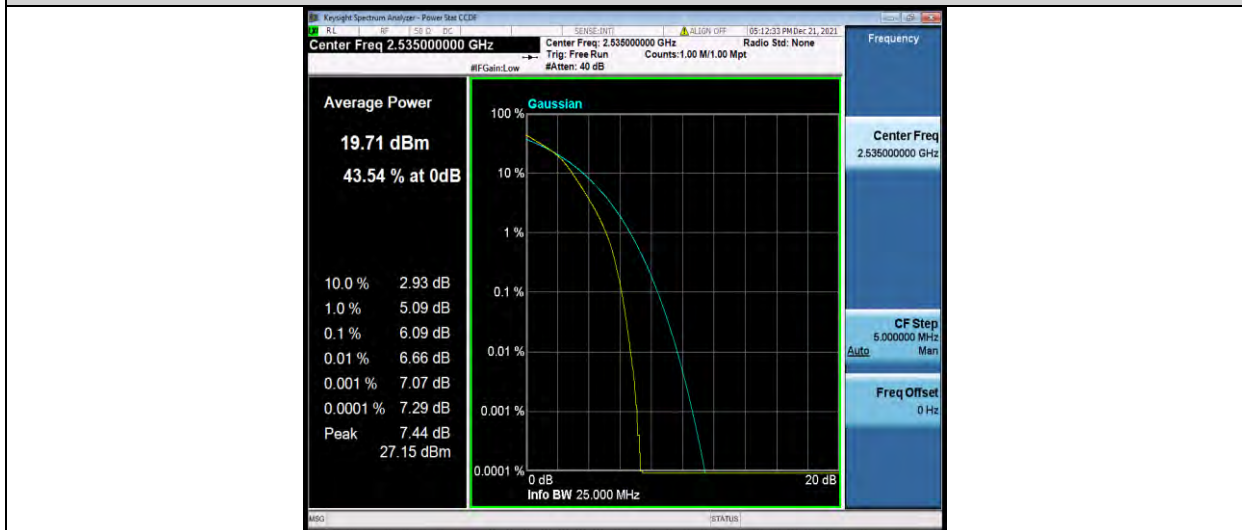


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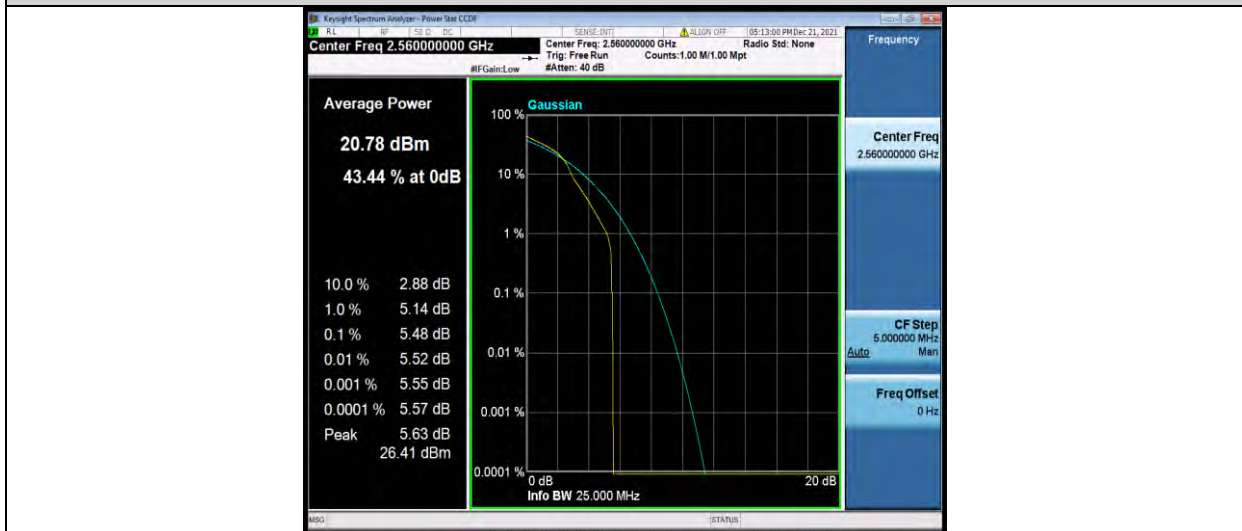
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Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-100RB#0