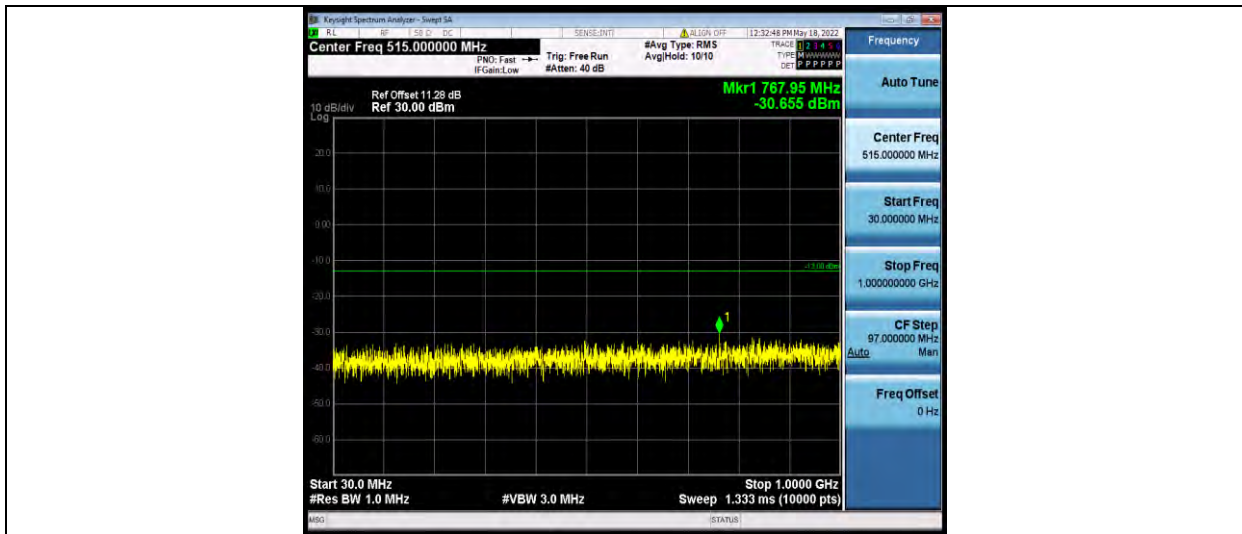


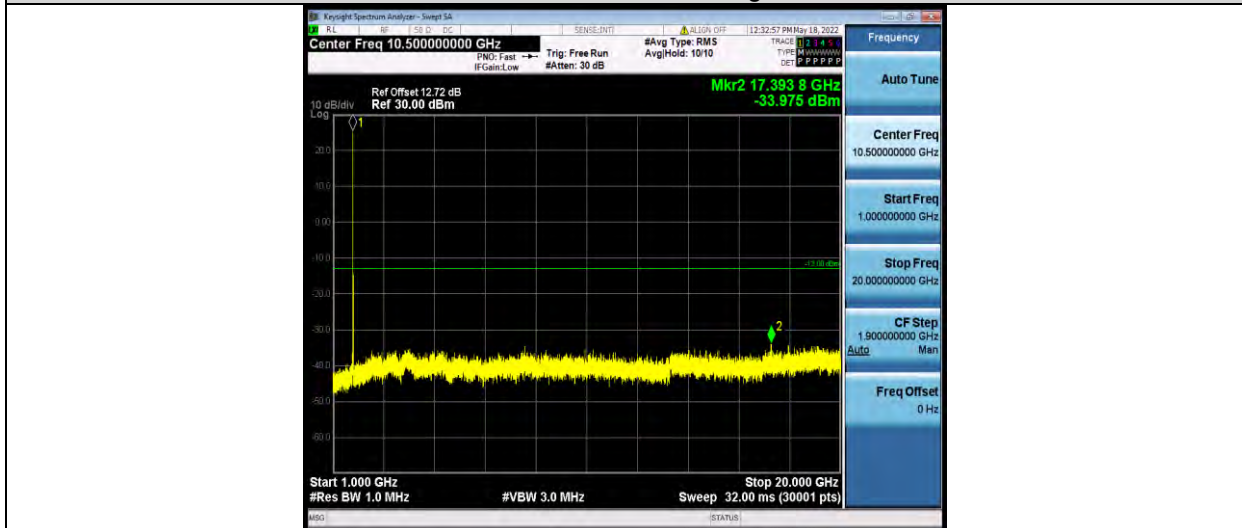


BUREAU VERITAS

Test Report No.: W7L-P22050002RF06



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz





Test Report No.: W7L-P22050002RF06

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-28.14	-0.016449	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-17.94	-0.010487	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-38.54	-0.022529	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-26.14	-0.015088	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-16.31	-0.009414	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-14.99	-0.008652	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-29.05	-0.016559	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-51.00	-0.029071	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-22.30	-0.012712	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-24.65	-0.014409	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-50.18	-0.029333	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-38.37	-0.022429	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-27.07	-0.015625	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-27.11	-0.015648	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-24.32	-0.014038	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	17.09	0.009742	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-25.02	-0.014262	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	18.14	0.010340	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-7.20	-0.004207	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-11.89	-0.006947	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	20.18	0.011791	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	51.77	0.029882	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	12.55	0.007244	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	24.91	0.014378	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	17.61	0.010043	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-17.81	-0.010157	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	31.17	0.017776	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	20.28	0.011849	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	44.13	0.025784	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	40.45	0.023634	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	41.08	0.023711	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	13.56	0.007827	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	17.64	0.010182	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	35.02	0.019971	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	30.84	0.017588	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	34.92	0.019914	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	40.97	0.023924	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	25.16	0.014692	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	23.35	0.013635	±2.5	PASS



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Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-26.16	-0.015100	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-27.71	-0.015994	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-27.41	-0.015821	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-6.15	-0.003509	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	6.01	0.003429	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-9.14	-0.005215	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	15.06	0.008794	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	17.80	0.010394	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-12.37	-0.007223	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-33.89	-0.019561	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-31.97	-0.018453	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-34.05	-0.019654	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-33.10	-0.018887	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-28.35	-0.016177	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-31.96	-0.018237	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-31.81	-0.018548	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-26.31	-0.015341	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-30.30	-0.017668	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-12.36	-0.007134	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-8.61	-0.004970	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-15.32	-0.008843	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-11.69	-0.006680	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-12.16	-0.006949	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-15.69	-0.008966	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-37.75	-0.022012	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-35.95	-0.020962	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-35.76	-0.020851	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	9.46	0.005460	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-4.51	-0.002603	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	15.01	0.008664	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-21.00	-0.012000	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-16.65	-0.009514	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	-15.45	-0.008829	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-29.85	-0.017380	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	-28.34	-0.016501	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	-34.72	-0.020215	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-12.80	-0.007388	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	13.15	0.007590	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-15.39	-0.008883	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	-21.33	-0.012206	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-24.09	-0.013785	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-24.25	-0.013877	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	12.96	0.007546	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	10.60	0.006172	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	11.13	0.006480	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	20.79	0.012000	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	15.58	0.008993	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	20.56	0.011867	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	-15.45	-0.008841	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	-11.36	-0.006501	±2.5	PASS



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Band4	15MHz	16QAM	20325	75RB#0	VH	NT	-11.49	-0.006575	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	7.61	0.004424	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	19.63	0.011413	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	8.81	0.005122	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-16.28	-0.009397	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-20.83	-0.012023	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-14.83	-0.008560	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-19.87	-0.011387	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-22.10	-0.012665	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-19.83	-0.011364	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-41.93	-0.024378	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-41.86	-0.024337	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-8.90	-0.005174	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-25.56	-0.014753	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-27.09	-0.015636	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-25.09	-0.014482	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-46.96	-0.026911	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-36.38	-0.020848	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	22.76	0.013043	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-41.76	-0.024411	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-16.21	-0.009476	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-25.23	-0.014748	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-80.42	-0.047010	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-19.15	-0.011194	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-22.13	-0.012936	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-24.29	-0.014199	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-32.16	-0.018799	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-17.81	-0.010280	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-18.63	-0.010753	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-29.25	-0.016883	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-25.49	-0.014713	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-29.13	-0.016814	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-31.24	-0.018032	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-22.17	-0.012797	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-31.91	-0.018418	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	19.05	0.010859	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	36.99	0.021085	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	49.11	0.027994	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	34.53	0.019683	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-26.46	-0.015083	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-31.41	-0.017905	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-35.41	-0.020185	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-30.58	-0.017431	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-47.15	-0.027562	±2.5	PASS



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Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-17.08	-0.009984	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-38.37	-0.022429	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-41.13	-0.024043	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-14.76	-0.008628	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-27.32	-0.015970	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-28.37	-0.016584	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-33.04	-0.019314	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-23.27	-0.013431	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-28.01	-0.016167	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-18.64	-0.010759	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-16.29	-0.009403	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-19.70	-0.011371	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-23.22	-0.013403	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-28.84	-0.016646	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-19.86	-0.011463	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	27.54	0.015699	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	19.15	0.010916	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	54.26	0.030930	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	9.64	0.005495	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	22.89	0.013048	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	43.85	0.024996	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	31.37	0.017882	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	52.50	0.029926	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	28.57	0.016693	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	33.57	0.019614	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-14.89	-0.008700	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-13.07	-0.007637	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-14.53	-0.008490	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	15.32	0.008951	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	11.30	0.006602	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	24.23	0.014157	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	39.12	0.022580	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	18.05	0.010418	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	12.42	0.007169	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	25.31	0.014609	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	31.30	0.018066	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	47.91	0.027654	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-14.52	-0.008381	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	24.89	0.014367	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	38.34	0.021865	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-12.70	-0.007243	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	27.91	0.015917	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	15.85	0.009039	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	20.31	0.011583	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	19.35	0.011035	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	22.65	0.012917	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	32.42	0.018489	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	36.13	0.021110	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	34.58	0.020204	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	20.11	0.011750	±2.5	PASS



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Band4	3MHz	16QAM	19965	15RB#0	NV	10	41.18	0.024061	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	34.72	0.020286	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-16.85	-0.009845	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	-12.89	-0.007531	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	8.20	0.004791	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	24.85	0.014343	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	38.90	0.022453	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	48.49	0.027988	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	19.01	0.010973	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	31.76	0.018332	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-18.22	-0.010517	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	9.23	0.005328	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	18.78	0.010840	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	35.52	0.020257	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	34.00	0.019390	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	36.48	0.020804	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	38.45	0.021928	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-15.32	-0.008737	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-9.17	-0.005230	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-6.11	-0.003484	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	6.54	0.003730	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	37.29	0.021775	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	38.82	0.022669	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	42.94	0.025074	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	44.78	0.026149	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	48.65	0.028409	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	39.60	0.023124	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	34.16	0.019947	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	28.48	0.016631	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-29.33	-0.016929	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-28.22	-0.016289	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-40.43	-0.023336	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-32.20	-0.018586	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-35.92	-0.020733	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-31.29	-0.018061	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-32.59	-0.018811	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-31.49	-0.018176	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-8.17	-0.004662	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-8.55	-0.004879	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-11.87	-0.006773	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-14.02	-0.008000	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-22.12	-0.012622	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-26.91	-0.015355	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-22.85	-0.013039	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-26.55	-0.015150	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-16.69	-0.009746	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-17.68	-0.010324	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-20.47	-0.011953	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-19.91	-0.011626	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-31.84	-0.018593	±2.5	PASS



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Band4	5MHz	16QAM	19975	25RB#0	NV	30	-21.41	-0.012502	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-26.88	-0.015696	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-23.16	-0.013524	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-29.84	-0.017224	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-31.21	-0.018014	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-31.36	-0.018101	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-29.03	-0.016756	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-28.87	-0.016664	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-30.77	-0.017760	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-36.45	-0.021039	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-30.30	-0.017489	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-35.03	-0.019989	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-33.75	-0.019258	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-36.99	-0.021107	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-38.88	-0.022185	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-41.83	-0.023869	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-41.94	-0.023932	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-37.87	-0.021609	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-36.62	-0.020896	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-29.21	-0.017032	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-31.40	-0.018309	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-35.78	-0.020863	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-31.99	-0.018653	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-38.07	-0.022198	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-33.93	-0.019784	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-37.31	-0.021755	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-30.48	-0.017773	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-10.91	-0.006297	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-17.29	-0.009980	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-19.33	-0.011157	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-10.31	-0.005951	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-15.41	-0.008895	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-12.02	-0.006938	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-10.20	-0.005887	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-13.22	-0.007631	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-13.36	-0.007634	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-16.58	-0.009474	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-7.98	-0.004560	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-19.24	-0.010994	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-10.87	-0.006211	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-8.84	-0.005051	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	-13.99	-0.007994	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-16.42	-0.009383	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-35.41	-0.020647	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-35.71	-0.020822	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-35.06	-0.020443	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-33.40	-0.019475	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-31.39	-0.018303	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-40.45	-0.023586	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-37.18	-0.021679	±2.5	PASS



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Band4	10MHz	16QAM	20000	50RB#0	NV	50	-35.62	-0.020770	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	19.66	0.011348	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	19.25	0.011111	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	23.05	0.013304	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	31.06	0.017928	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	28.42	0.016404	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	27.27	0.015740	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	35.29	0.020369	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	34.70	0.020029	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	-12.57	-0.007183	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-19.68	-0.011246	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	-16.55	-0.009457	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-16.51	-0.009434	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	-21.46	-0.012263	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-8.74	-0.004994	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	-11.50	-0.006571	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	-10.40	-0.005943	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-33.20	-0.019330	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-32.23	-0.018766	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-40.33	-0.023482	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-37.31	-0.021723	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-38.27	-0.022282	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-38.32	-0.022311	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	22.40	0.013042	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	15.85	0.009229	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-11.66	-0.006730	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-11.22	-0.006476	±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	8.31	0.004797	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	13.28	0.007665	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	25.51	0.014724	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	9.64	0.005564	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	14.32	0.008266	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-22.69	-0.012984	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-18.42	-0.010541	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	-16.65	-0.009528	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-14.73	-0.008429	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-13.18	-0.007542	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-8.08	-0.004624	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-10.36	-0.005928	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-14.51	-0.008303	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	7.54	0.004390	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	-8.63	-0.005025	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	-6.71	-0.003907	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	-6.71	-0.003907	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	-10.74	-0.006253	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	-6.65	-0.003872	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	-12.43	-0.007237	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	-12.49	-0.007272	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	26.68	0.015400	±2.5	PASS



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Band4	15MHz	16QAM	20175	75RB#0	NV	-20	39.14	0.022592	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	29.73	0.017160	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	34.63	0.019988	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	31.60	0.018240	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	34.88	0.020133	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	39.35	0.022713	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	34.68	0.020017	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-9.14	-0.005230	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	-17.77	-0.010169	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	-10.21	-0.005843	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-9.80	-0.005608	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	9.80	0.005608	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	17.62	0.010083	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	18.84	0.010781	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	26.06	0.014913	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-6.65	-0.003866	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-10.01	-0.005820	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-8.40	-0.004884	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-11.50	-0.006686	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-22.63	-0.013157	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-27.97	-0.016262	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-26.68	-0.015512	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-36.36	-0.021140	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-16.29	-0.009403	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-16.08	-0.009281	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-18.15	-0.010476	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-19.24	-0.011105	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-17.31	-0.009991	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-21.54	-0.012433	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-20.17	-0.011642	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-23.70	-0.013680	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-19.34	-0.011083	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-19.78	-0.011335	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-24.00	-0.013754	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-25.95	-0.014871	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-27.11	-0.015536	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-33.92	-0.019438	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-33.76	-0.019347	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-31.54	-0.018074	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-16.29	-0.009471	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-20.74	-0.012058	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-29.74	-0.017291	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-33.60	-0.019535	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-31.94	-0.018570	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-31.87	-0.018529	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-33.86	-0.019686	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-36.52	-0.021233	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-28.00	-0.016162	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-34.26	-0.019775	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-36.96	-0.021333	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22050002RF06

Band4	20MHz	16QAM	20175	100RB#0	NV	10	-32.07	-0.018511	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-35.73	-0.020623	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-34.86	-0.020121	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-35.45	-0.020462	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-37.09	-0.021408	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	14.43	0.008269	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	20.59	0.011799	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	14.53	0.008327	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	10.46	0.005994	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-9.54	-0.005467	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-10.41	-0.005966	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-12.89	-0.007387	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-14.69	-0.008418	±2.5	PASS



Test Report No.: W7L-P22050002RF06

LTE BAND7

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Table with 8 columns: Band, Bandwidth, Modulation, Channel, RB Configuration, Result(dB), Limit(dB), Verdict. It contains 50 rows of test data for LTE Band 7, showing various modulation schemes (QPSK, 16QAM) and bandwidths (5MHz, 10MHz, 15MHz, 20MHz) with results consistently passing the 13dB limit.

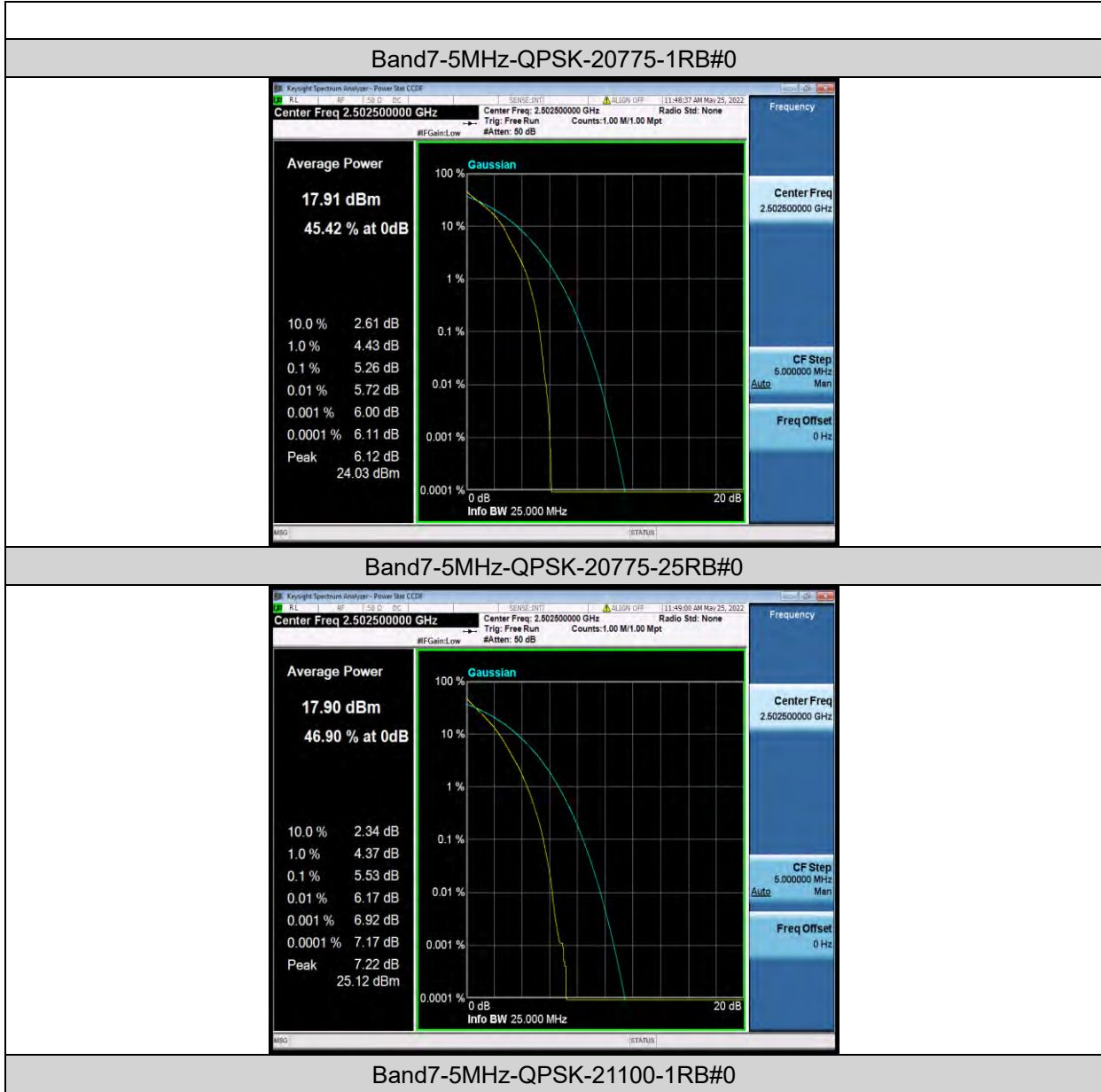


**BUREAU
VERITAS**

Test Report No.: W7L-P22050002RF06

Band7	20MHz	16QAM	20850	100RB#0	5.82	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.11	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.01	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.18	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.92	13	PASS

Test Graphs





BUREAU VERITAS

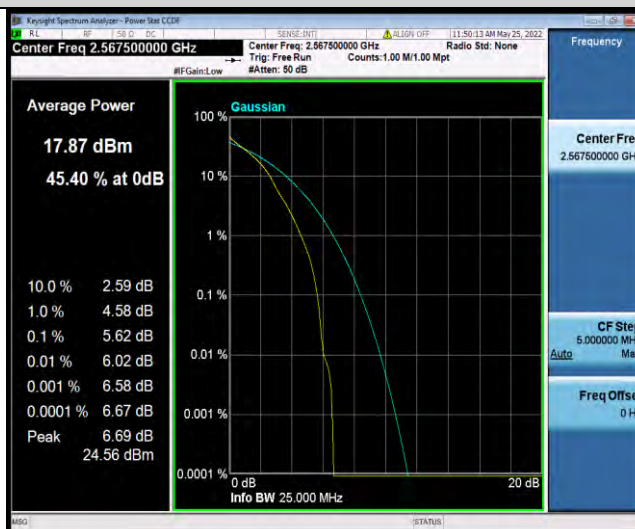
Test Report No.: W7L-P22050002RF06



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



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



Band7-5MHz-QPSK-21425-25RB#0

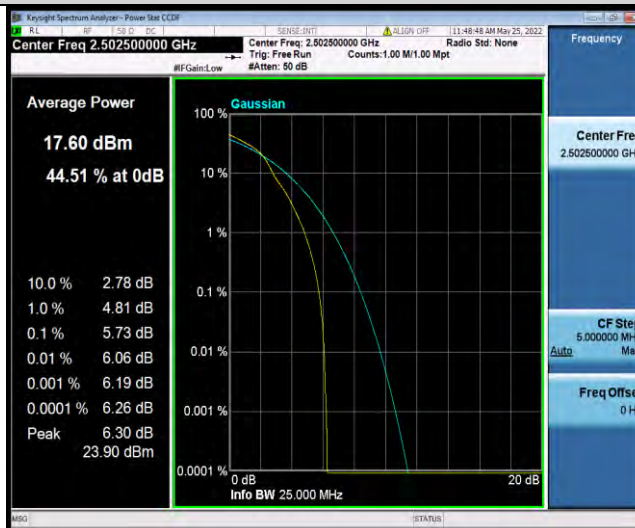


BUREAU
VERITAS

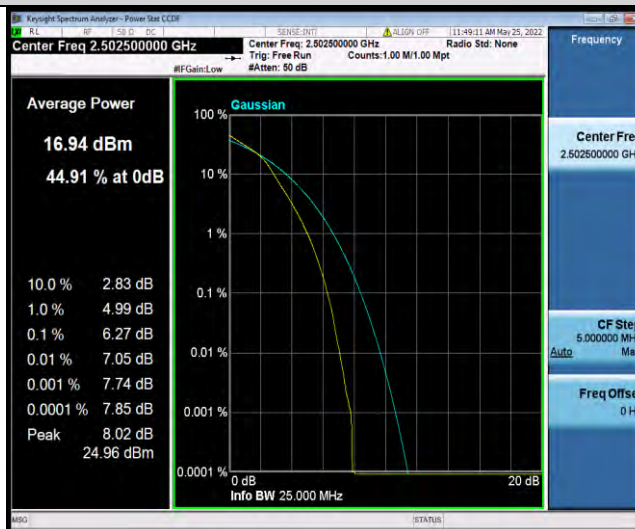
Test Report No.: W7L-P22050002RF06



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



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

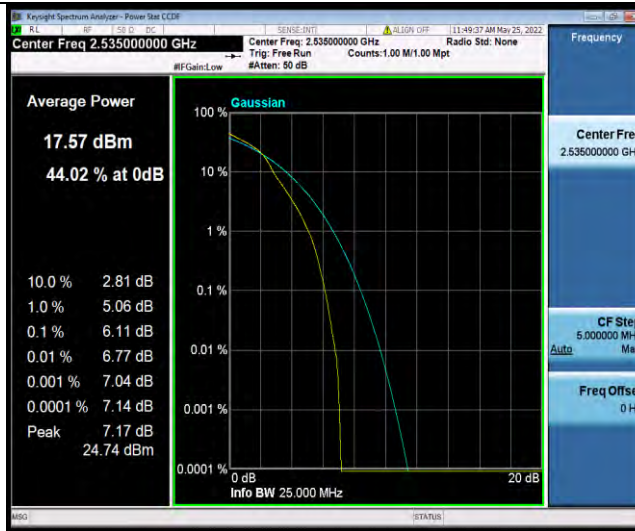


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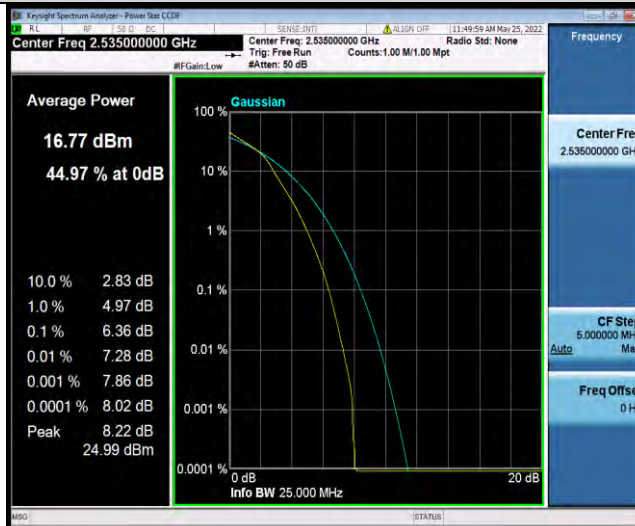


BUREAU
VERITAS

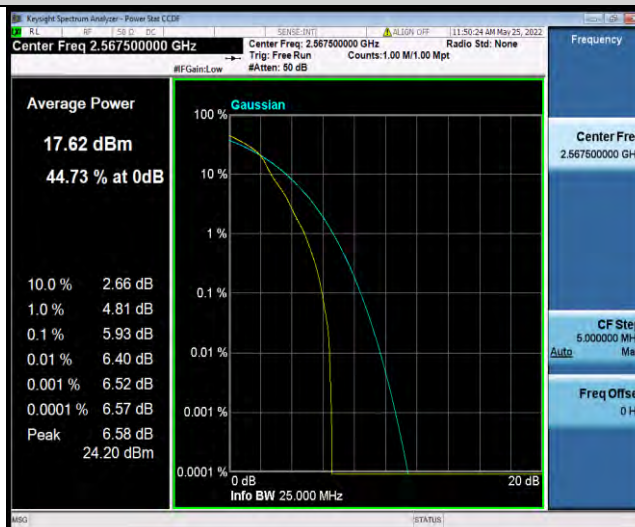
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Band7-5MHz-16QAM-21100-25RB#0



Band7-5MHz-16QAM-21425-1RB#0



Band7-5MHz-16QAM-21425-25RB#0



BUREAU VERITAS

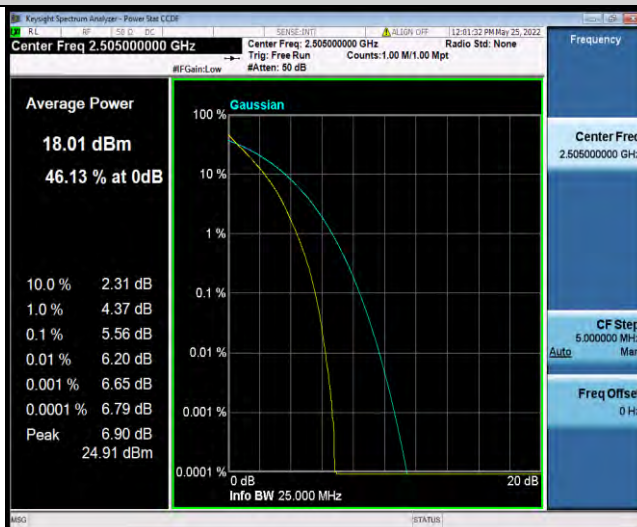
Test Report No.: W7L-P22050002RF06



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



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

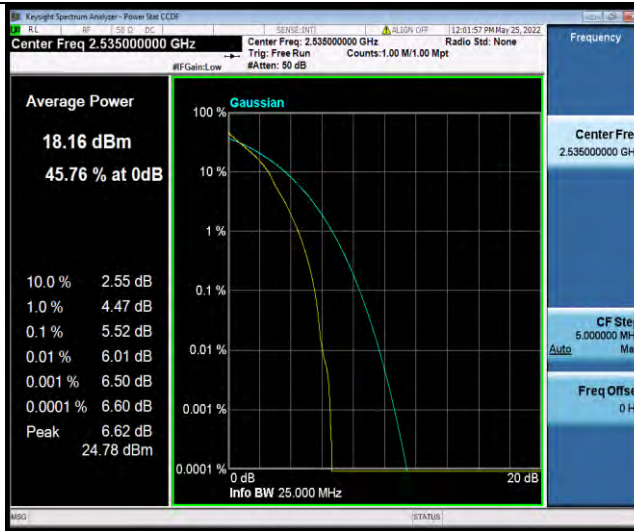


Band7-10MHz-QPSK-21100-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P22050002RF06



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



Band7-10MHz-QPSK-21400-1RB#0

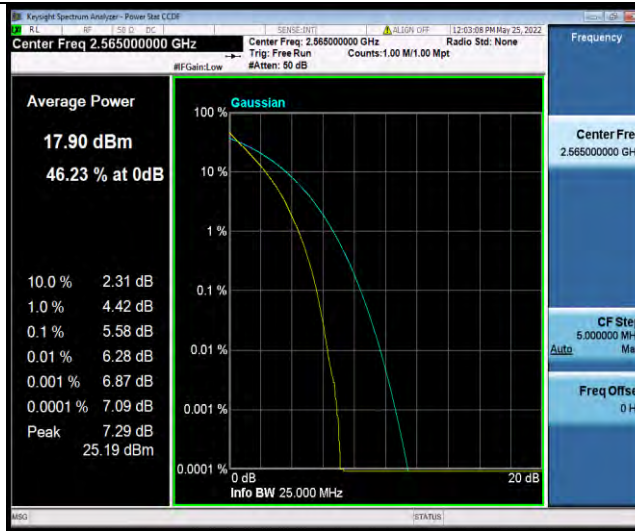


Band7-10MHz-QPSK-21400-50RB#0

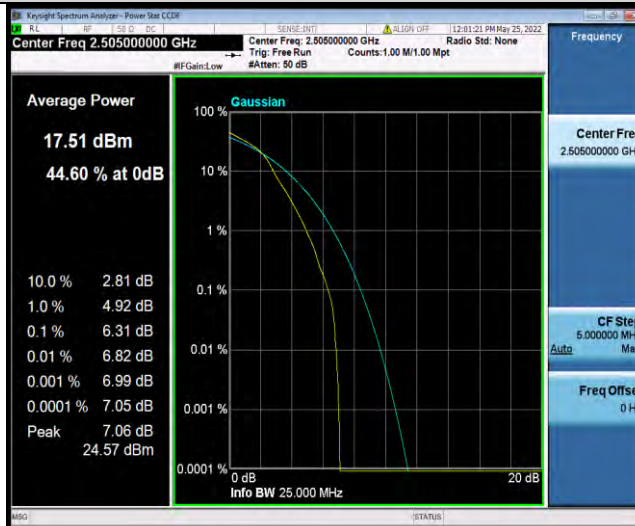


BUREAU VERITAS

Test Report No.: W7L-P22050002RF06



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



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

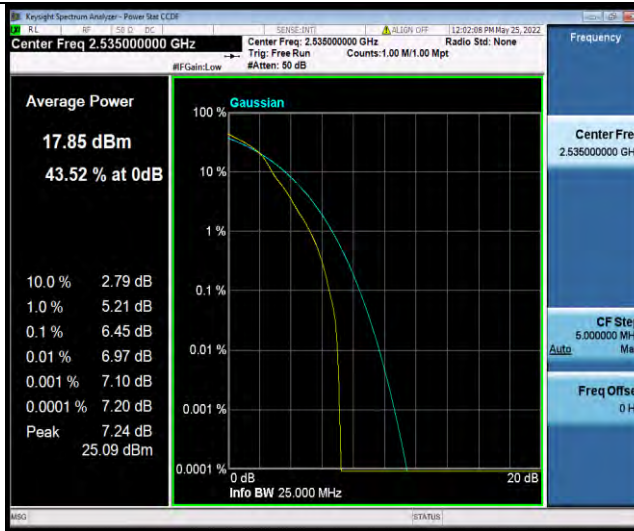


Band7-10MHz-16QAM-21100-1RB#0

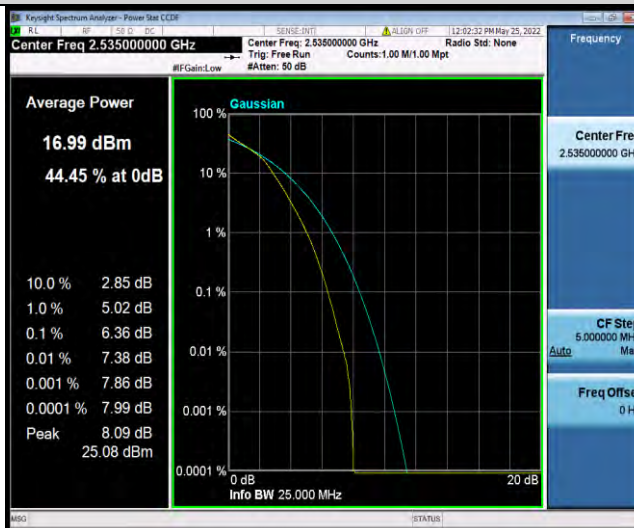


BUREAU VERITAS

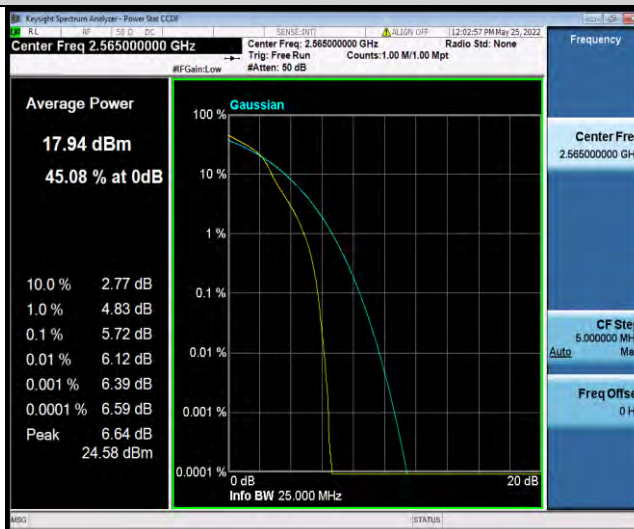
Test Report No.: W7L-P22050002RF06



Band7-10MHz-16QAM-21100-50RB#0



Band7-10MHz-16QAM-21400-1RB#0

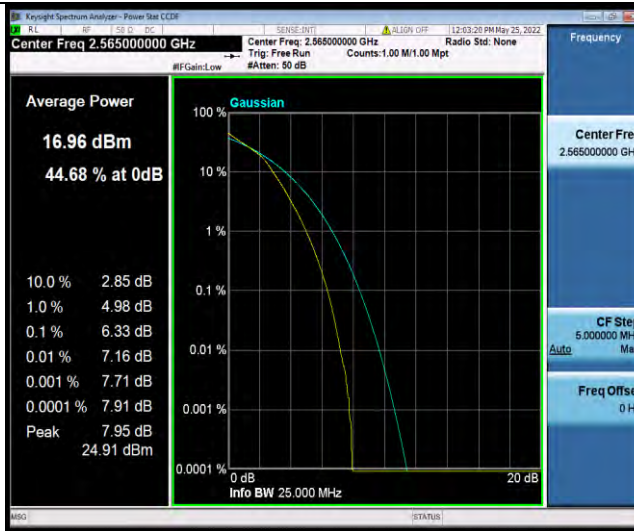


Band7-10MHz-16QAM-21400-50RB#0

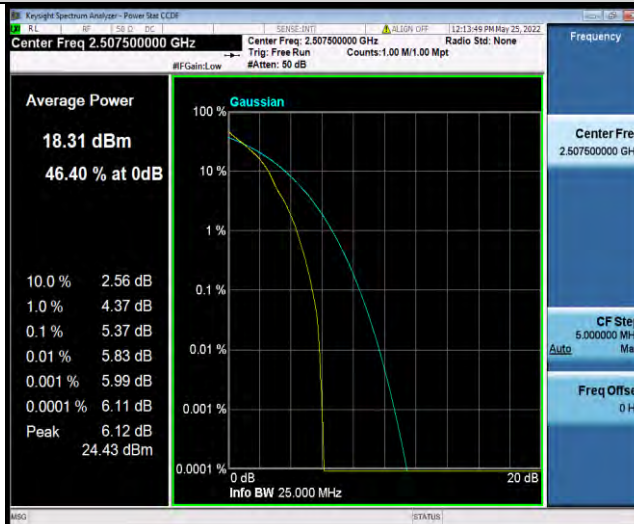


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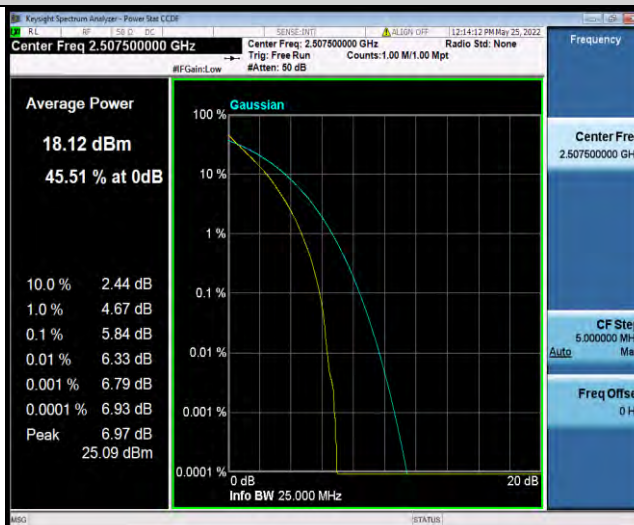
Test Report No.: W7L-P22050002RF06



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



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

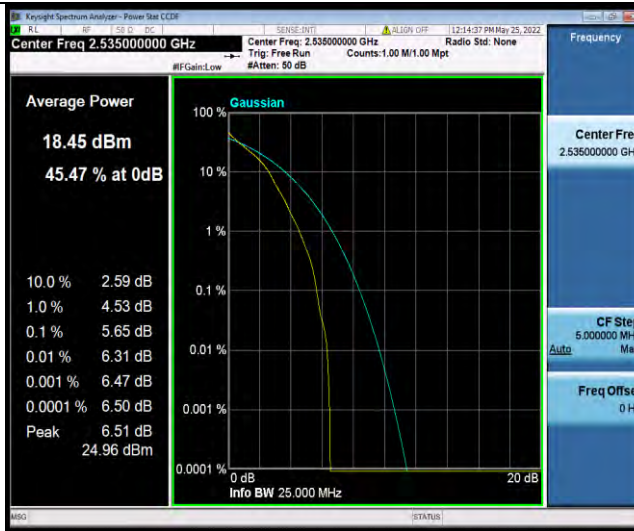


Band7-15MHz-QPSK-21100-1RB#0

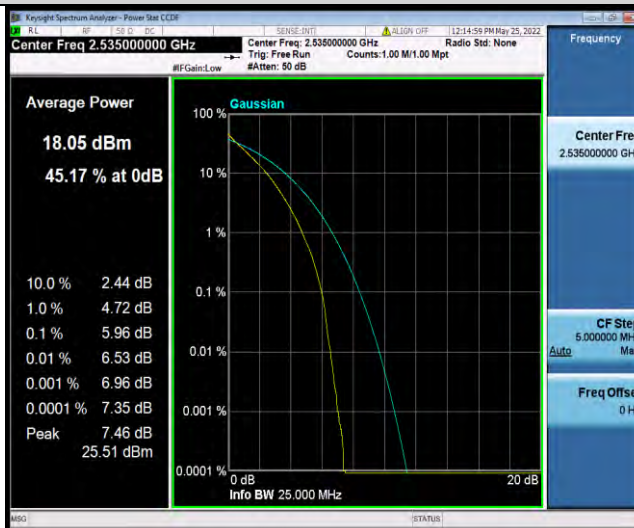


BUREAU VERITAS

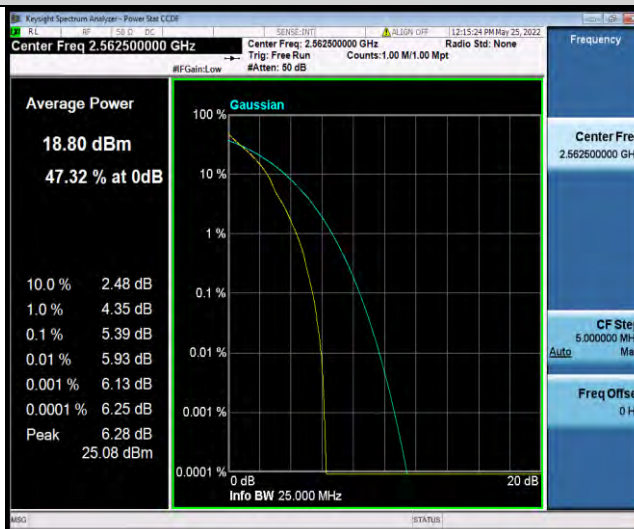
Test Report No.: W7L-P22050002RF06



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-1RB#0

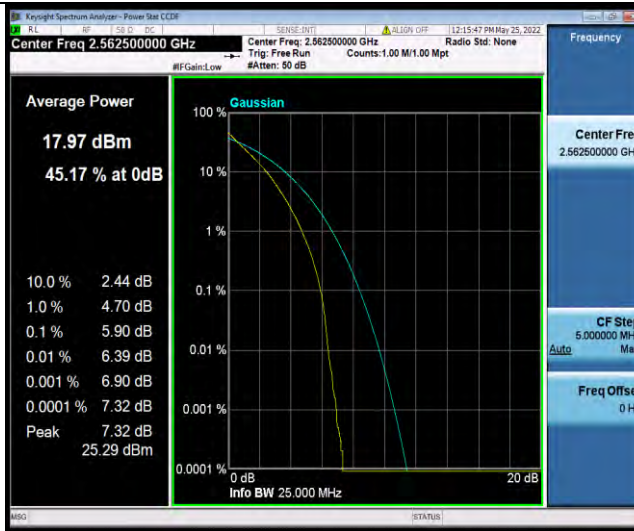


Band7-15MHz-QPSK-21375-75RB#0

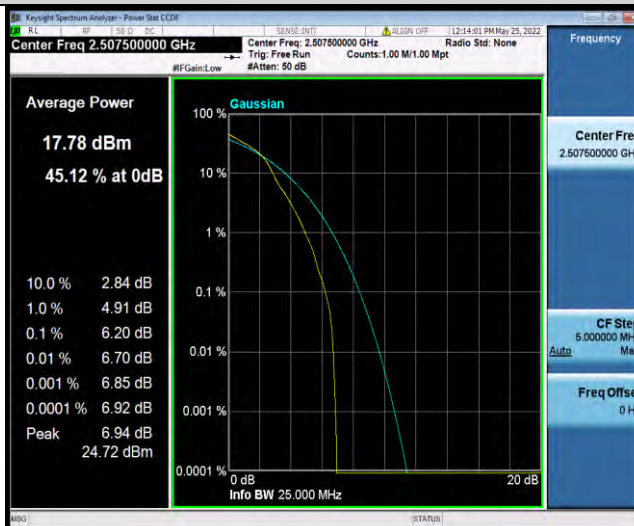


BUREAU VERITAS

Test Report No.: W7L-P22050002RF06



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



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

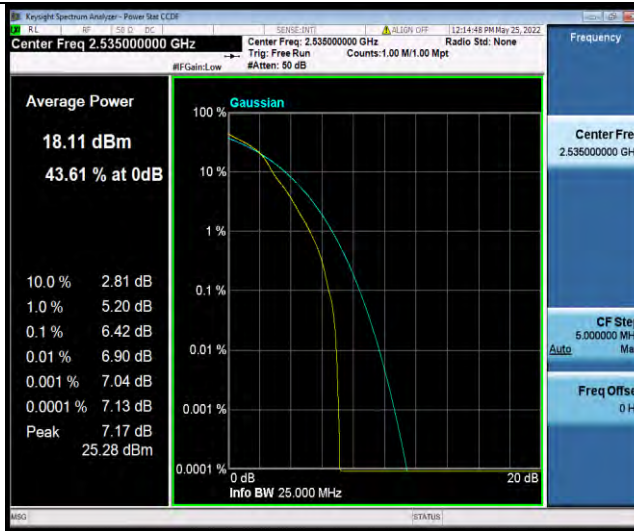


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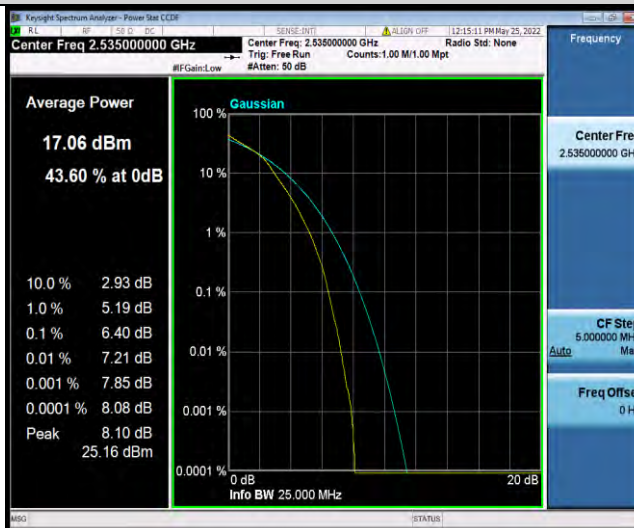


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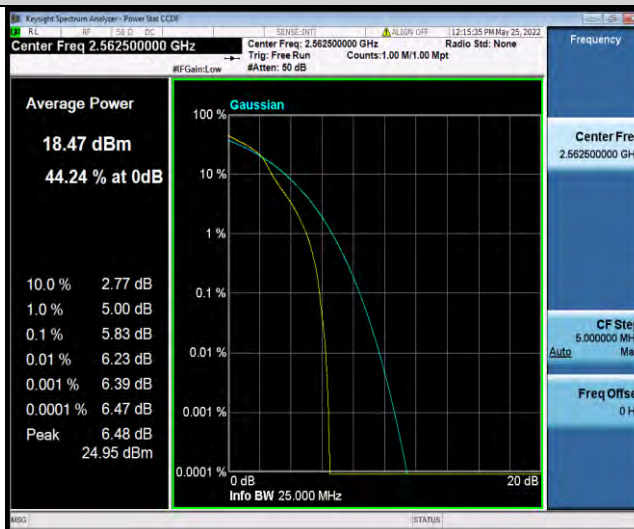
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Band7-15MHz-16QAM-21100-75RB#0



Band7-15MHz-16QAM-21375-1RB#0

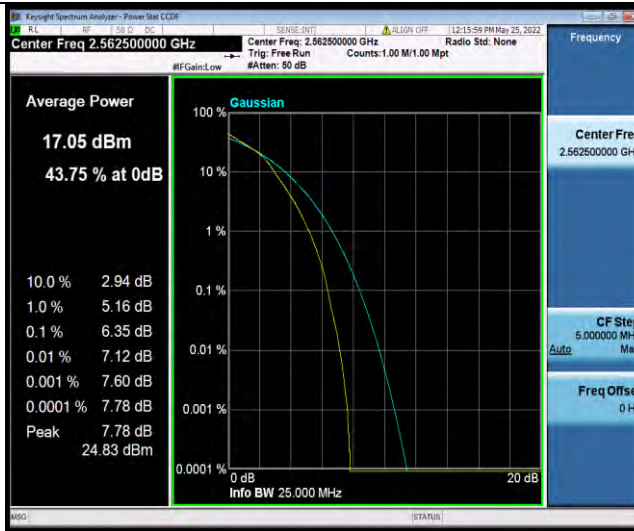


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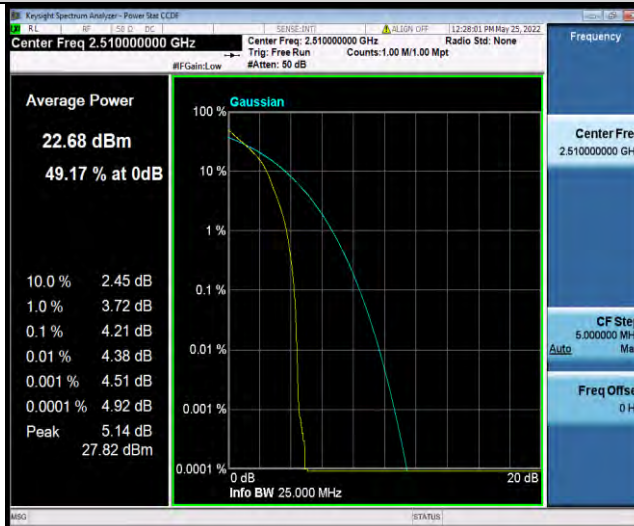


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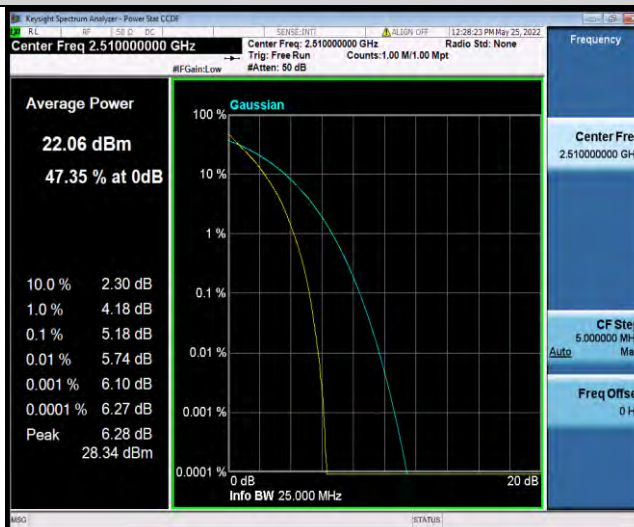
Test Report No.: W7L-P22050002RF06



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



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



Band7-20MHz-QPSK-21100-1RB#0



BUREAU VERITAS

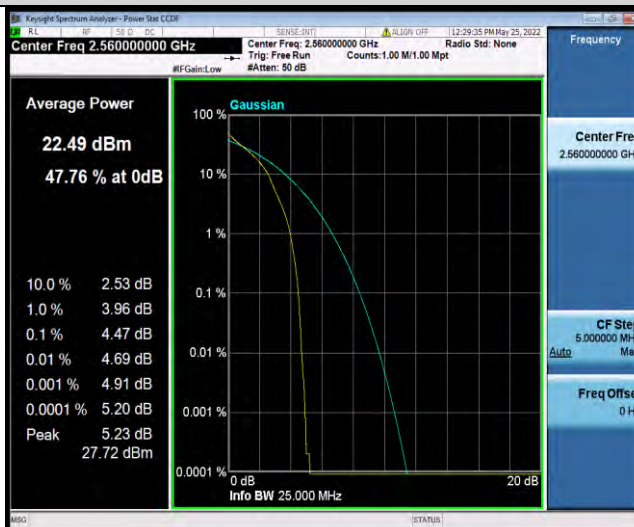
Test Report No.: W7L-P22050002RF06



Band7-20MHz-QPSK-21100-100RB#0



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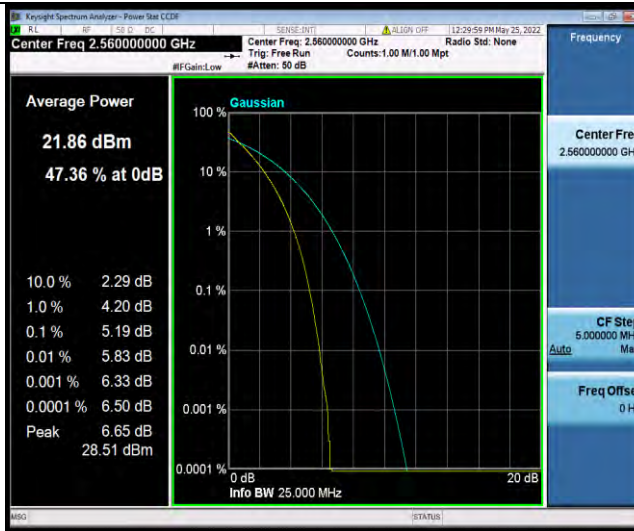


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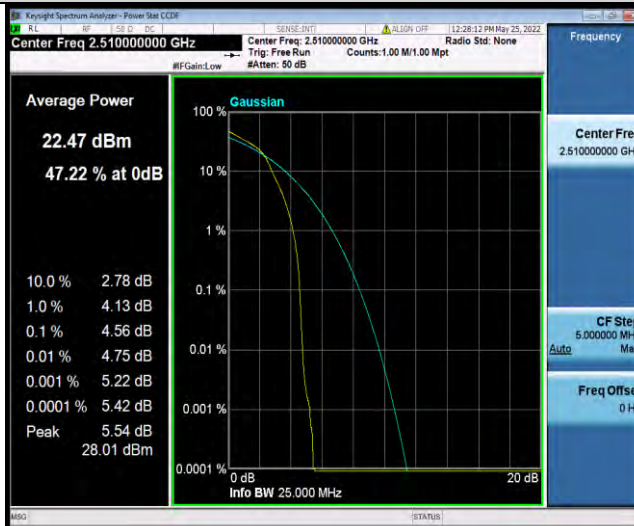


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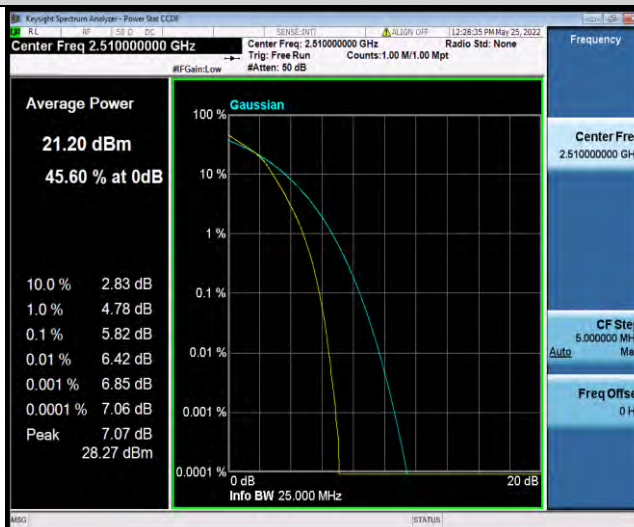
Test Report No.: W7L-P22050002RF06



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



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



Band7-20MHz-16QAM-21100-1RB#0

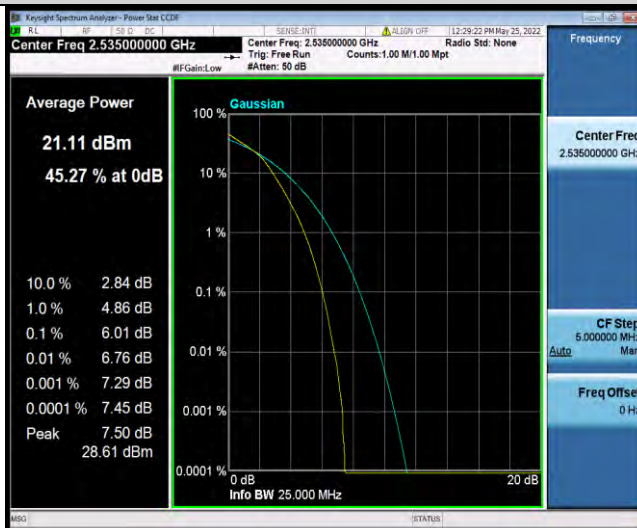


BUREAU VERITAS

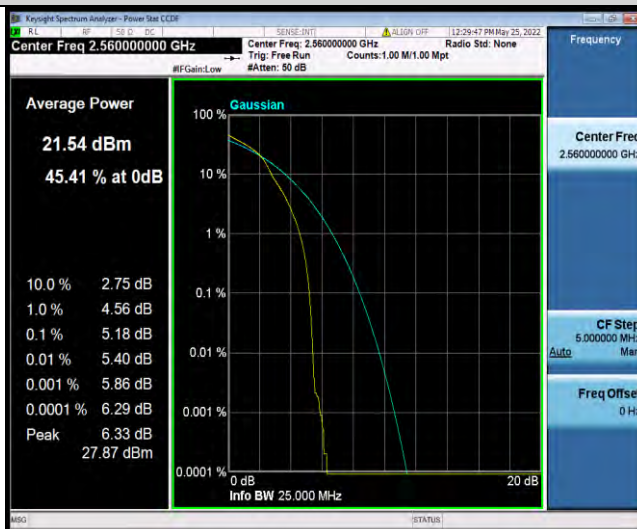
Test Report No.: W7L-P22050002RF06



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



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

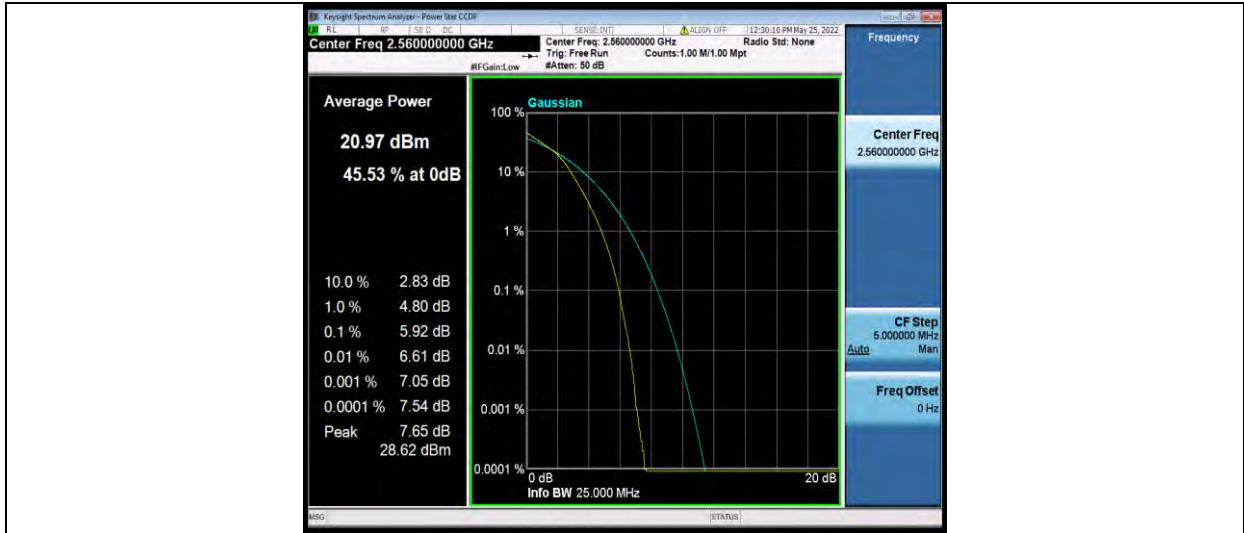


Band7-20MHz-16QAM-21350-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P22050002RF06





Test Report No.: W7L-P22050002RF06

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4918	4.900	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4925	4.891	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5038	4.896	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4896	4.868	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5008	4.894	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5006	4.860	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9820	9.566	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9858	9.594	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9769	9.550	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9674	9.589	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9811	9.588	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9854	9.594	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.468	14.31	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.465	14.35	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.458	14.31	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.28	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.456	14.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.462	14.36	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.960	19.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.956	19.06	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.956	18.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.945	18.99	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.974	19.05	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.953	19.01	PASS



Test Report No.: W7L-P22050002RF06

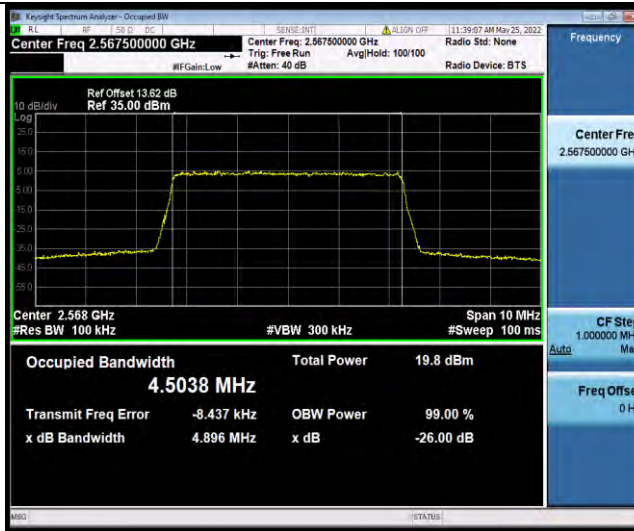
Test Graphs



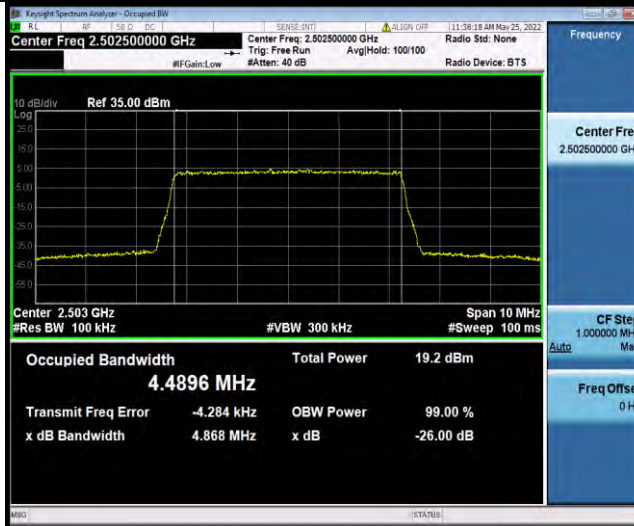


BUREAU VERITAS

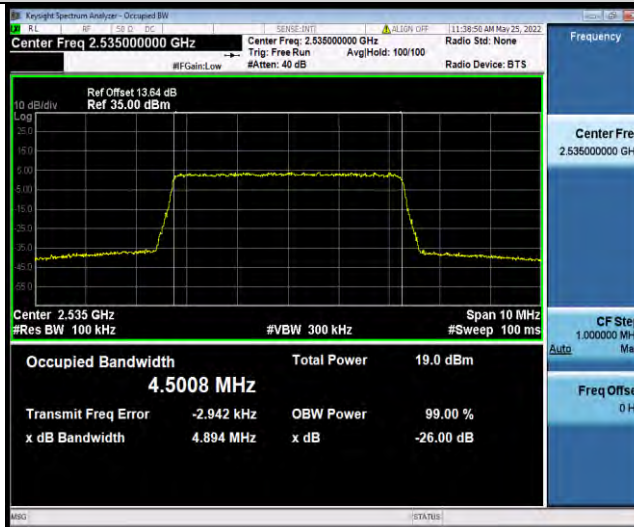
Test Report No.: W7L-P22050002RF06



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



Band7-5MHz-16QAM-21100-25RB#0

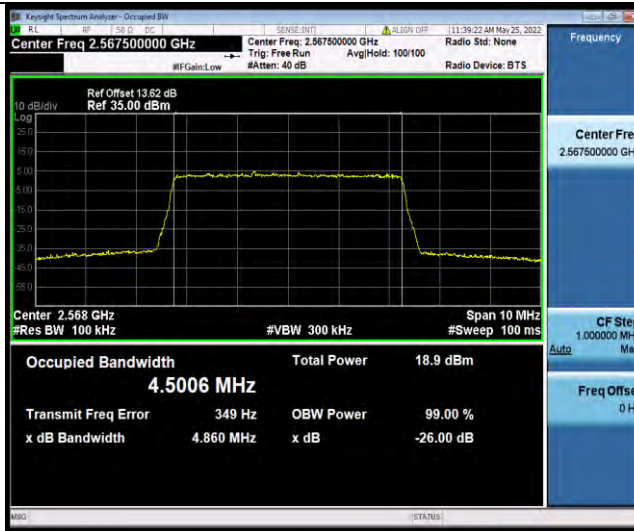


Band7-5MHz-16QAM-21425-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P22050002RF06



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



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



Band7-10MHz-QPSK-21400-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P22050002RF06



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



Band7-10MHz-16QAM-21100-50RB#0



Band7-10MHz-16QAM-21400-50RB#0