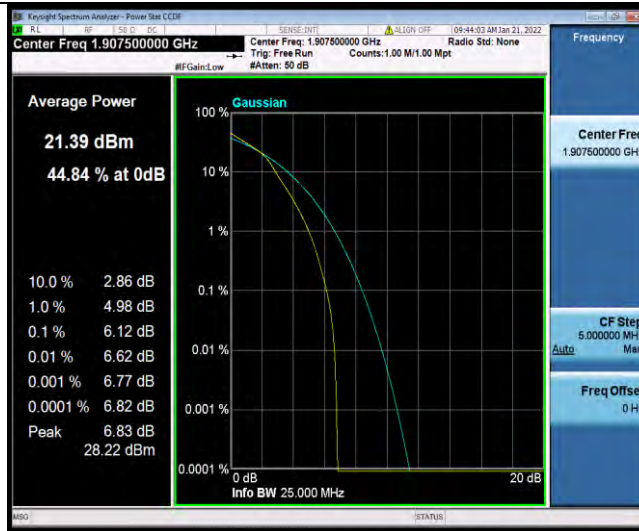


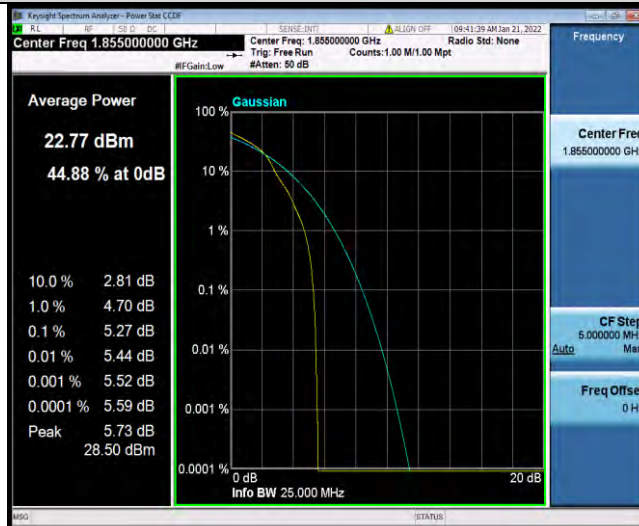


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Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-64QAM-18650-1RB#0



Band2-10MHz-64QAM-18650-50RB#0



Band2-10MHz-64QAM-18900-1RB#0

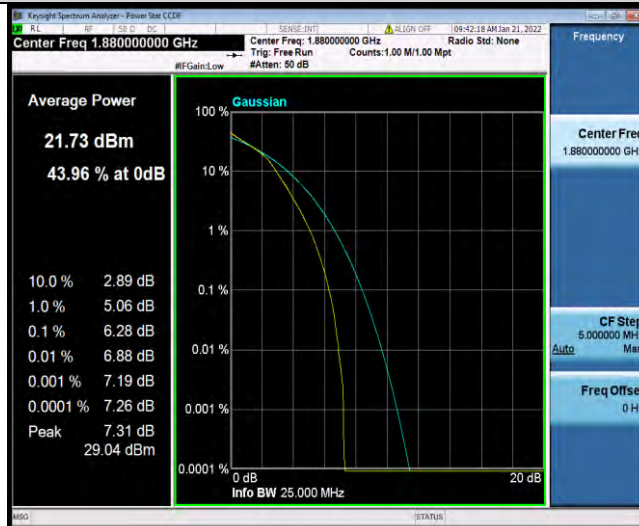


BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-64QAM-18900-50RB#0



Band2-10MHz-64QAM-19150-1RB#0

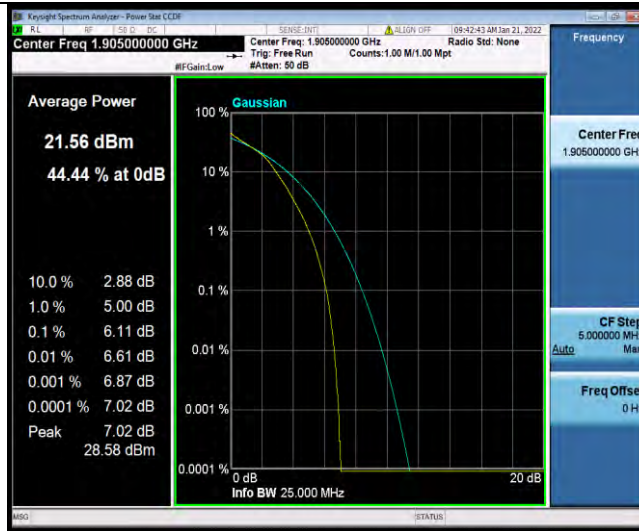


Band2-10MHz-64QAM-19150-50RB#0

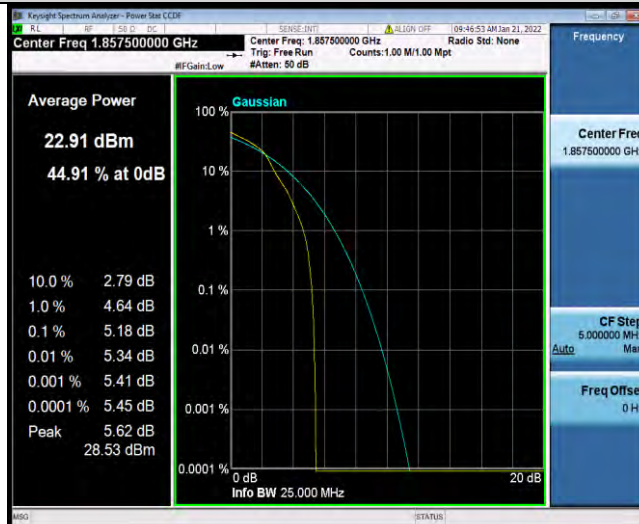


BUREAU VERITAS

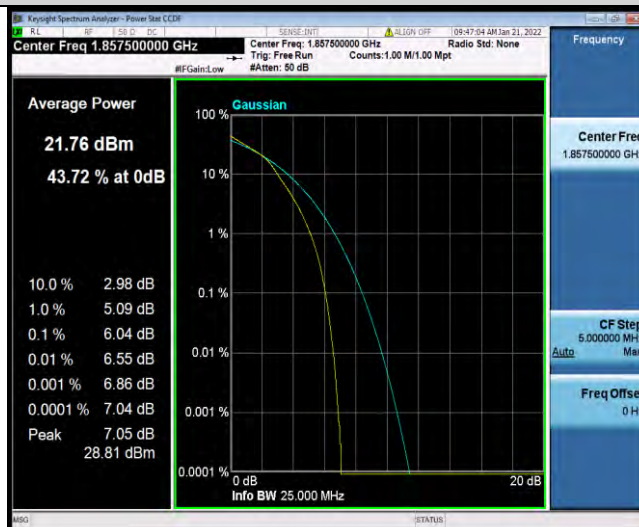
Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-64QAM-18675-1RB#0



Band2-15MHz-64QAM-18675-75RB#0



Band2-15MHz-64QAM-18900-1RB#0



BUREAU VERITAS

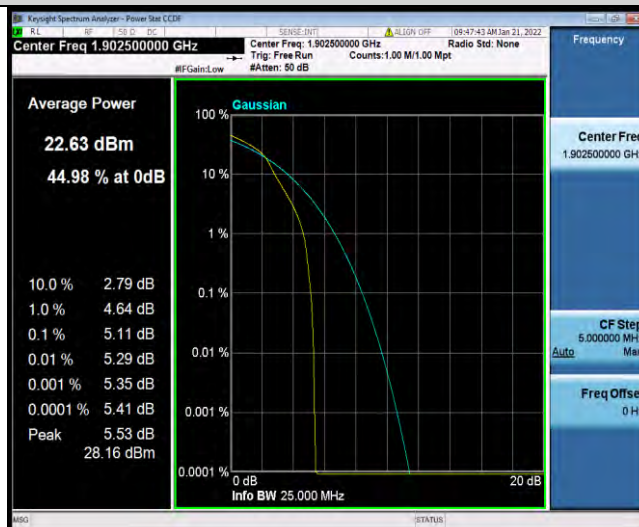
Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-64QAM-18900-75RB#0



Band2-15MHz-64QAM-19125-1RB#0



Band2-15MHz-64QAM-19125-75RB#0

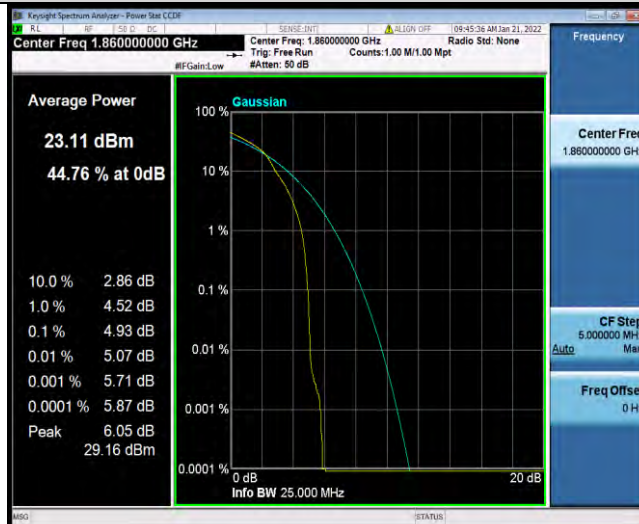


BUREAU VERITAS

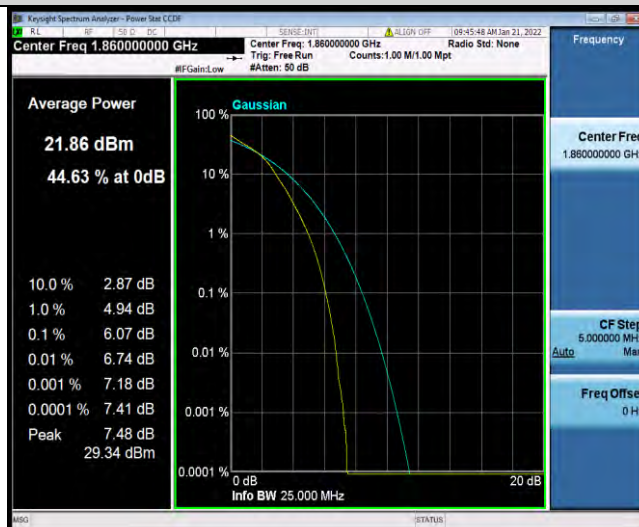
Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-64QAM-18700-1RB#0



Band2-20MHz-64QAM-18700-100RB#0

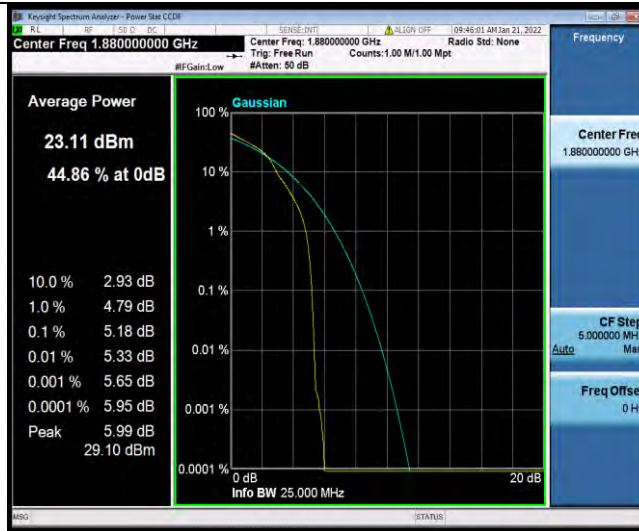


Band2-20MHz-64QAM-18900-1RB#0

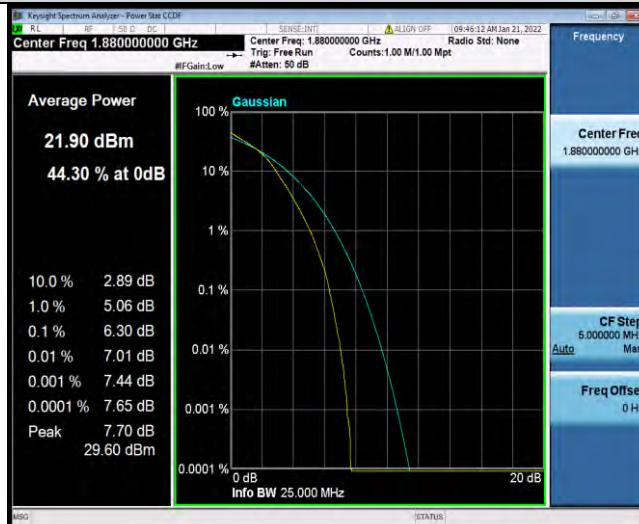


BUREAU VERITAS

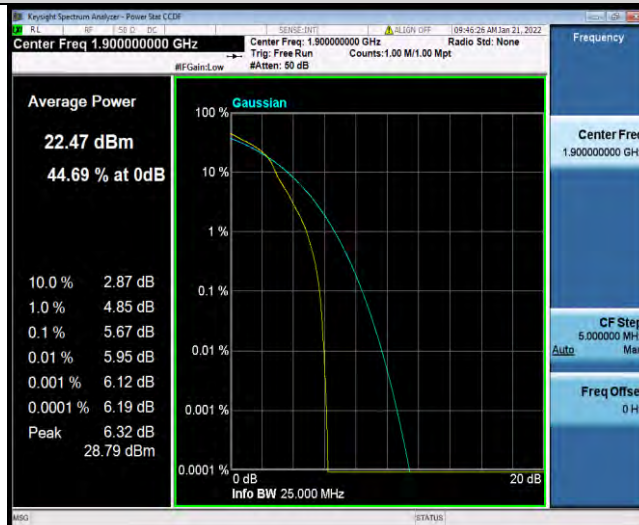
Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-64QAM-18900-100RB#0



Band2-20MHz-64QAM-19100-1RB#0

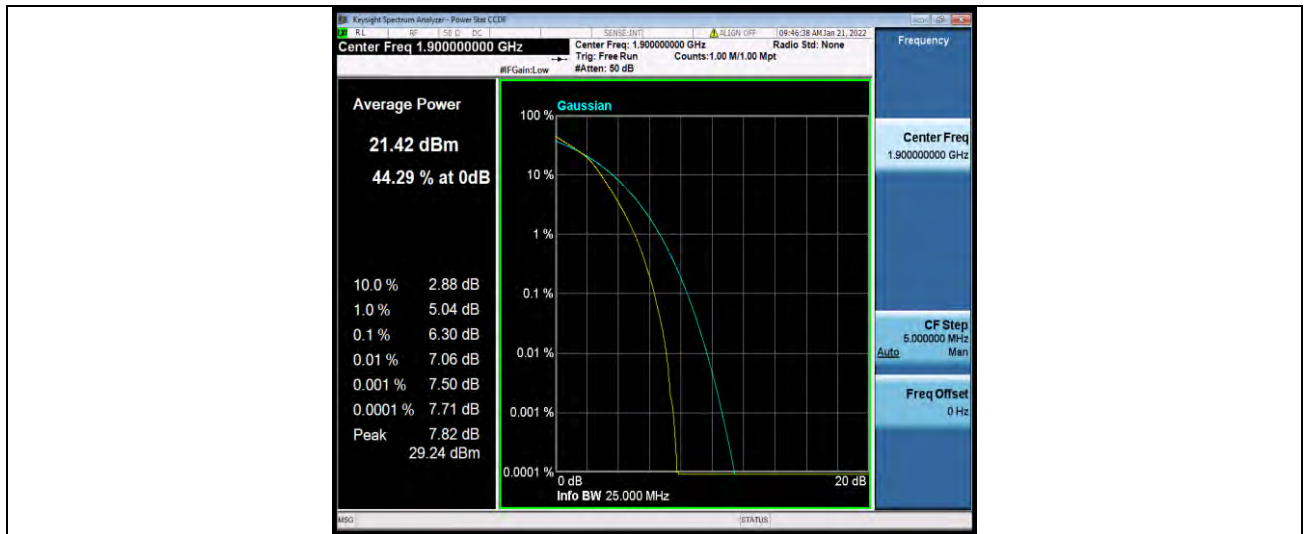


Band2-20MHz-64QAM-19100-100RB#0



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Test Report No.: W7L-P22030026-5RF04





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0892	1.238	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0887	1.232	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0884	1.238	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0869	1.229	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0888	1.234	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0890	1.232	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6963	2.949	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6966	2.935	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6991	2.985	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6925	2.962	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6887	2.952	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6951	2.987	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4955	4.880	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4964	4.876	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4947	4.881	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4947	4.878	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4933	4.863	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4966	4.877	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9852	9.570	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9828	9.570	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9678	9.580	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9764	9.579	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9698	9.575	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9722	9.619	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.468	14.32	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.471	14.31	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.432	14.28	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.468	14.31	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.463	14.29	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.438	14.34	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.964	19.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.967	19.05	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.933	19.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.964	19.03	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.979	19.04	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.931	19.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.0887	1.242	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.0901	1.237	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.0888	1.241	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.6909	2.953	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.6922	2.981	PASS



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Test Report No.: W7L-P22030026-5RF04

Band2	3MHz	64QAM	19185	15RB#0	2.6970	2.990	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.4966	4.860	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.5004	4.870	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.4930	4.915	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.9739	9.578	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.9709	9.589	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.9836	9.621	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.453	14.31	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.455	14.30	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.474	14.35	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.964	19.02	PASS
Band2	20MHz	64QAM	18900	100RB#0	18.003	19.03	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.989	19.07	PASS



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Test Report No.: W7L-P22030026-5RF04

Test Graphs



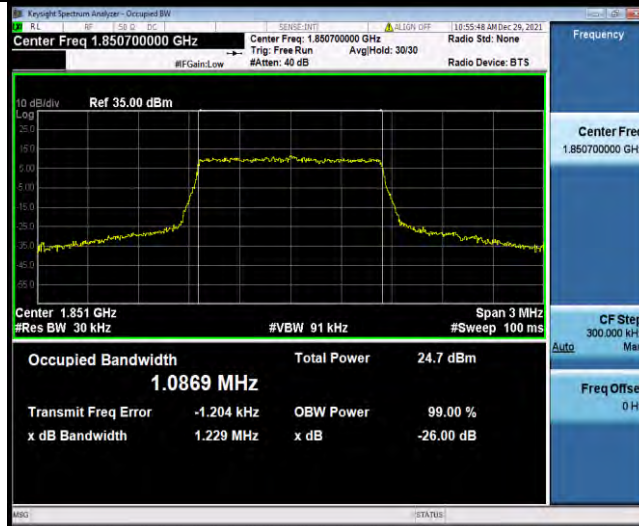


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Test Report No.: W7L-P22030026-5RF04



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-6RB#0

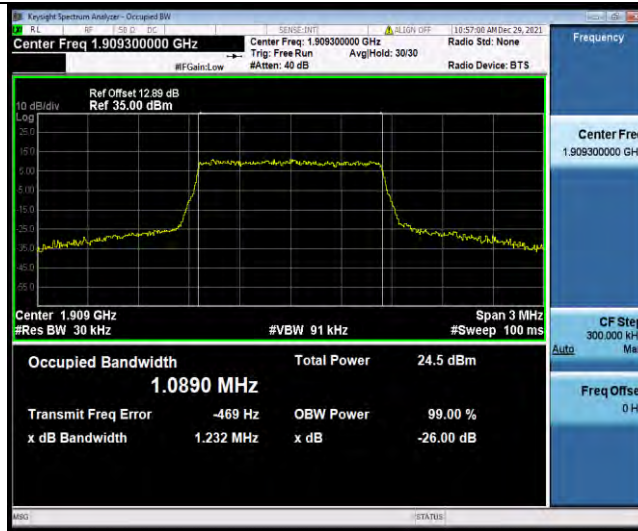


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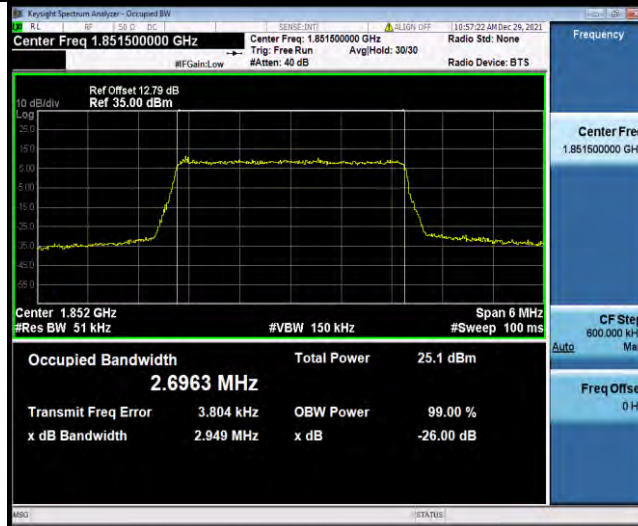


BUREAU VERITAS

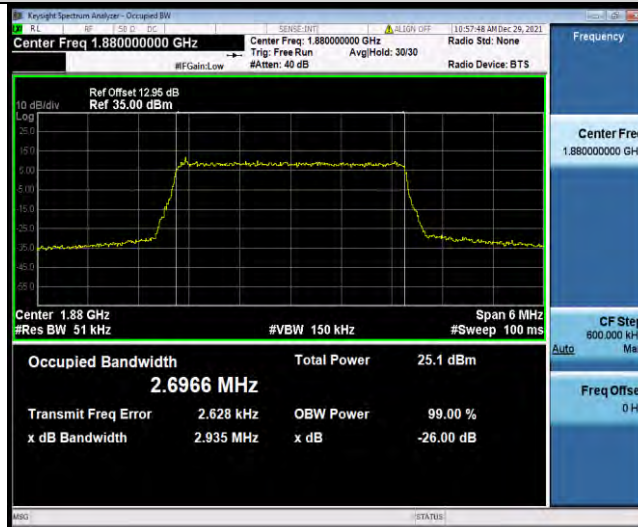
Test Report No.: W7L-P22030026-5RF04



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0

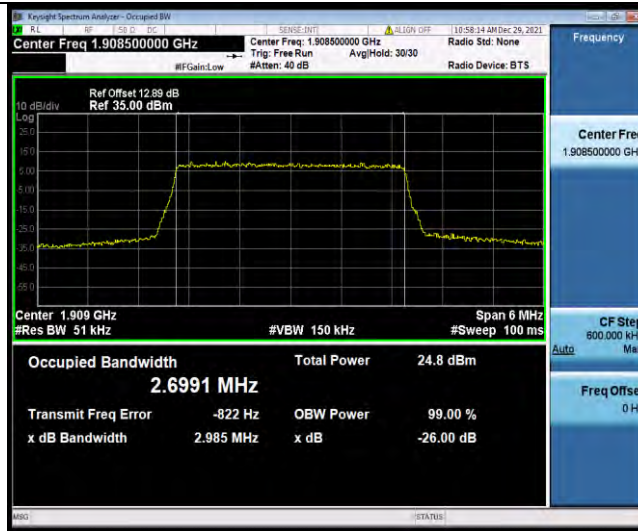


Band2-3MHz-QPSK-19185-15RB#0



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Test Report No.: W7L-P22030026-5RF04



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0

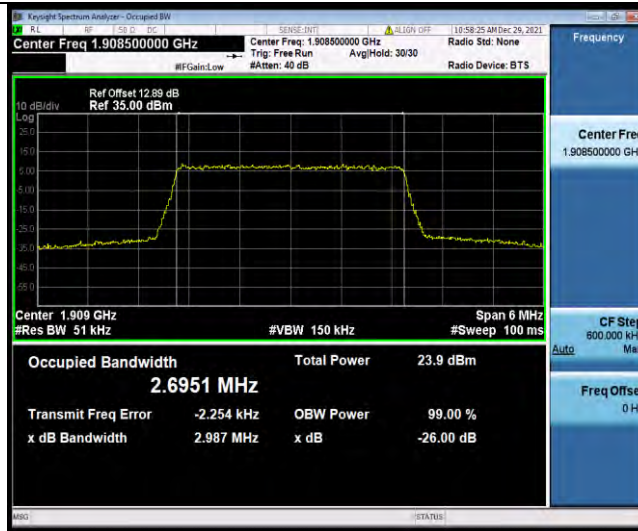


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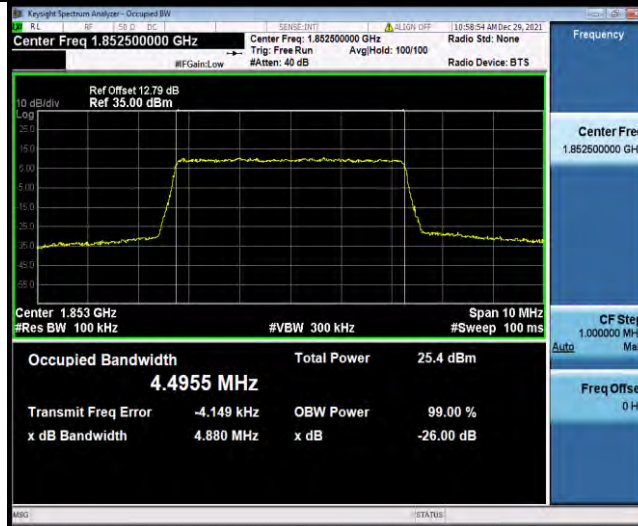


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Test Report No.: W7L-P22030026-5RF04



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0

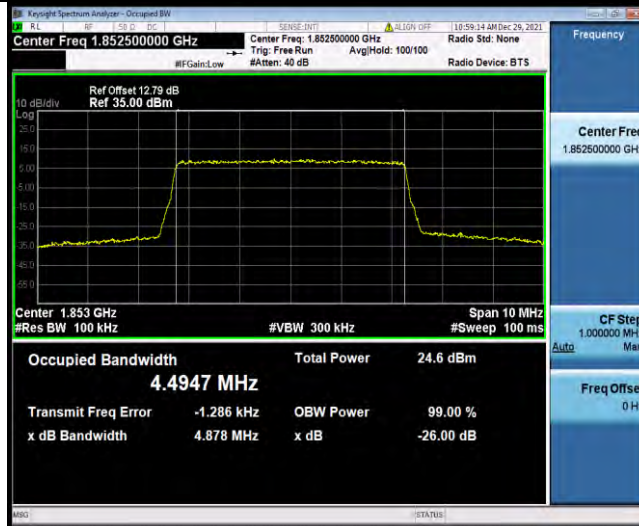


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Test Report No.: W7L-P22030026-5RF04



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-25RB#0

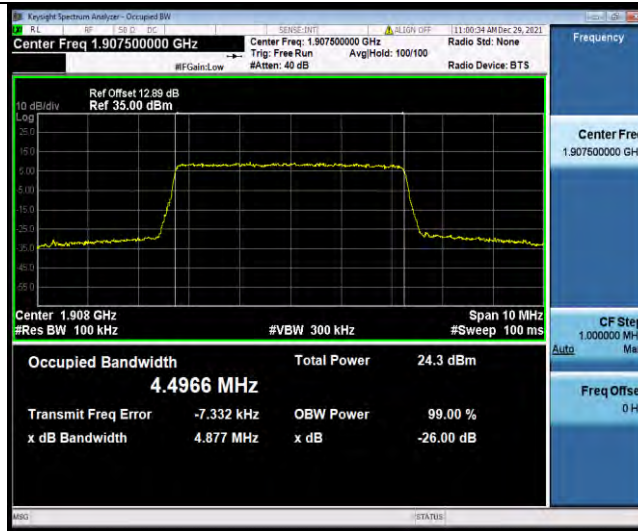


Band2-5MHz-16QAM-19175-25RB#0



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Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-16QAM-18650-50RB#0



Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-50RB#0

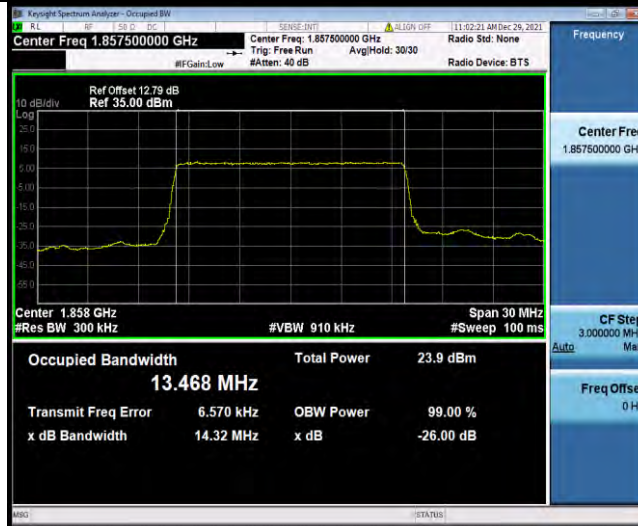


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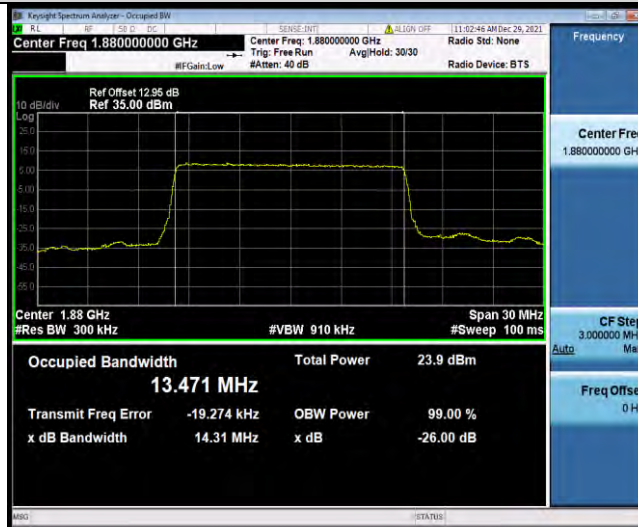
Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-75RB#0

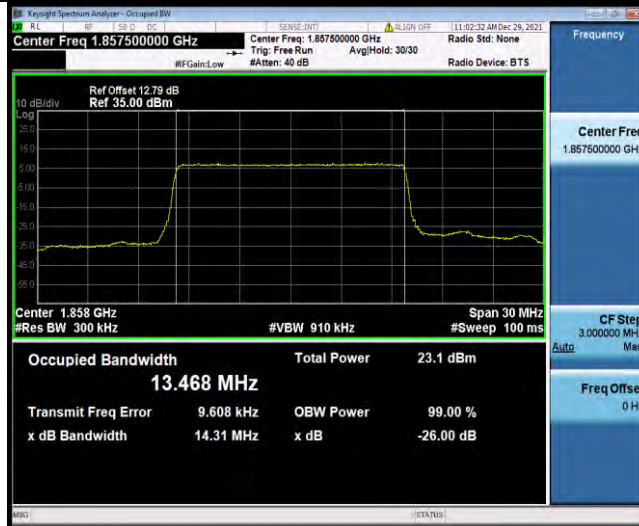


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Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-18900-75RB#0

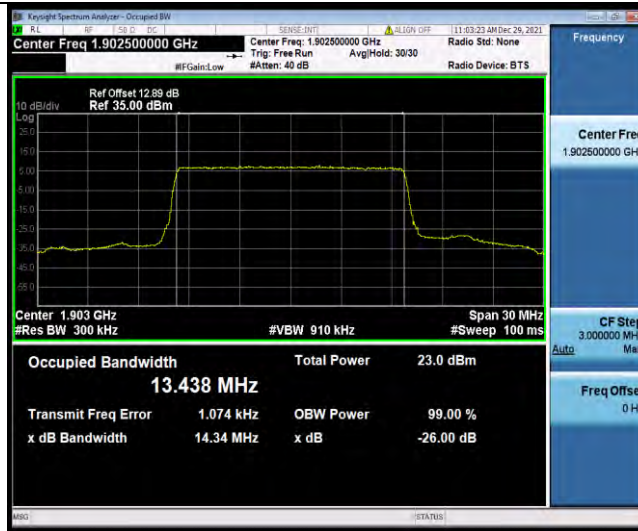


Band2-15MHz-16QAM-19125-75RB#0



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Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-100RB#0



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Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0

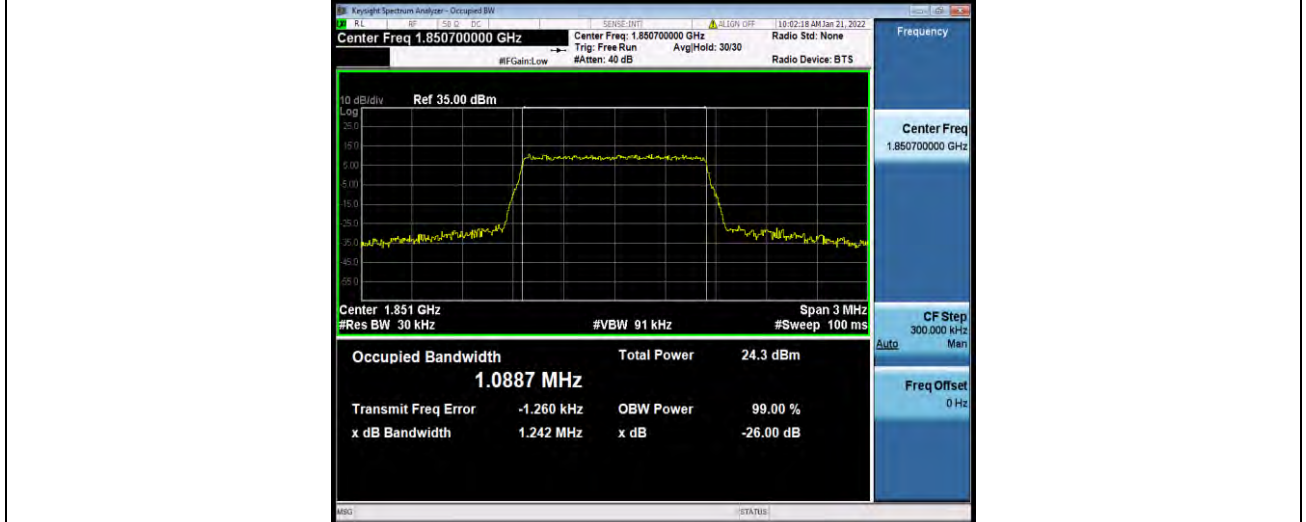


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Test Report No.: W7L-P22030026-5RF04



Band2-1.4MHz-64QAM-18607-6RB#0



Band2-1.4MHz-64QAM-18900-6RB#0



Band2-1.4MHz-64QAM-19193-6RB#0

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

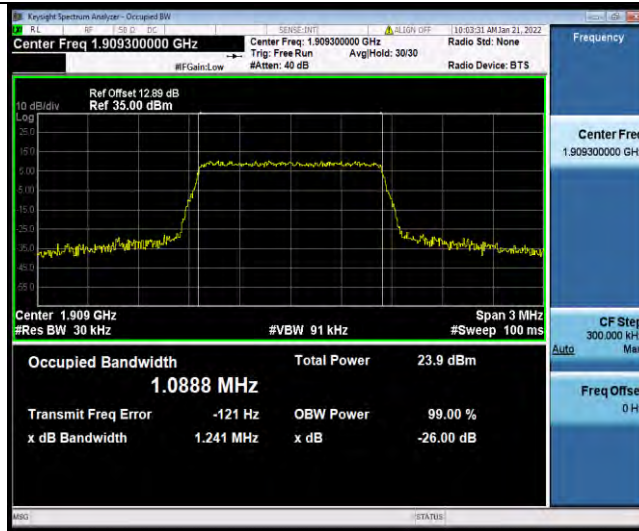
No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



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Test Report No.: W7L-P22030026-5RF04



Band2-3MHz-64QAM-18615-15RB#0



Band2-3MHz-64QAM-18900-15RB#0

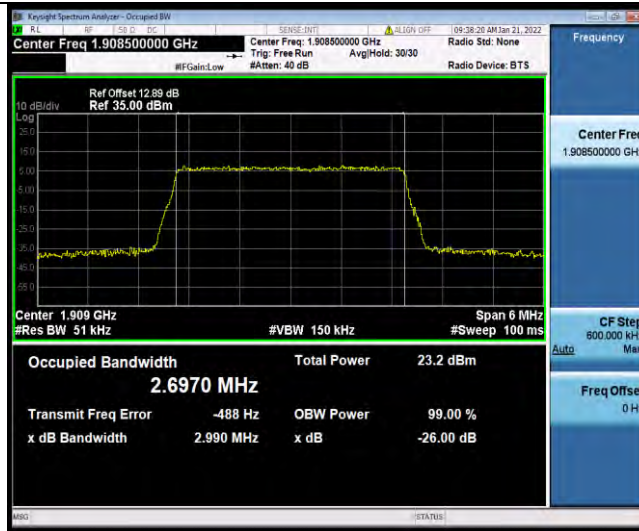


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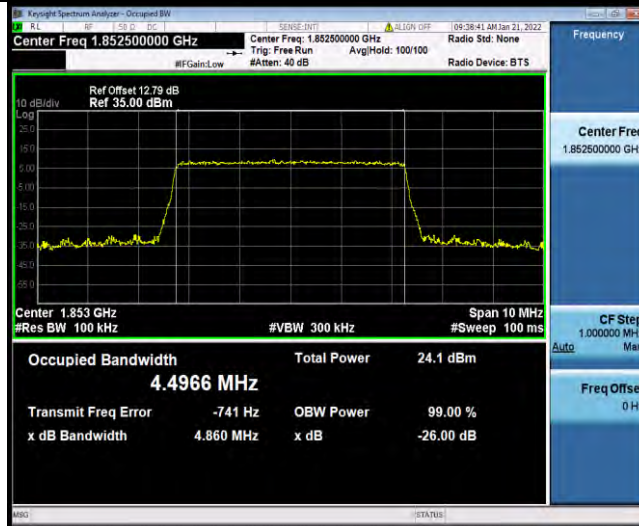


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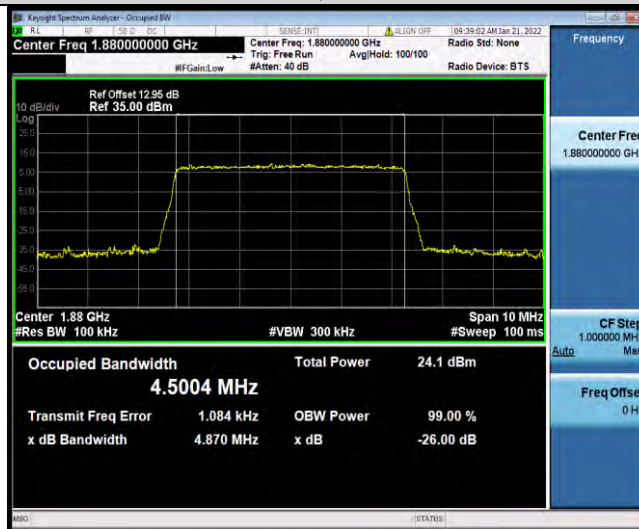
Test Report No.: W7L-P22030026-5RF04



Band2-5MHz-64QAM-18625-25RB#0



Band2-5MHz-64QAM-18900-25RB#0

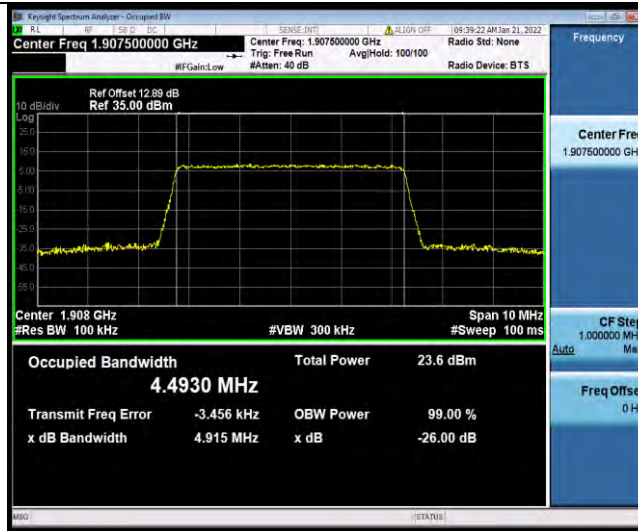


Band2-5MHz-64QAM-19175-25RB#0



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Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-64QAM-18650-50RB#0



Band2-10MHz-64QAM-18900-50RB#0



Band2-10MHz-64QAM-19150-50RB#0

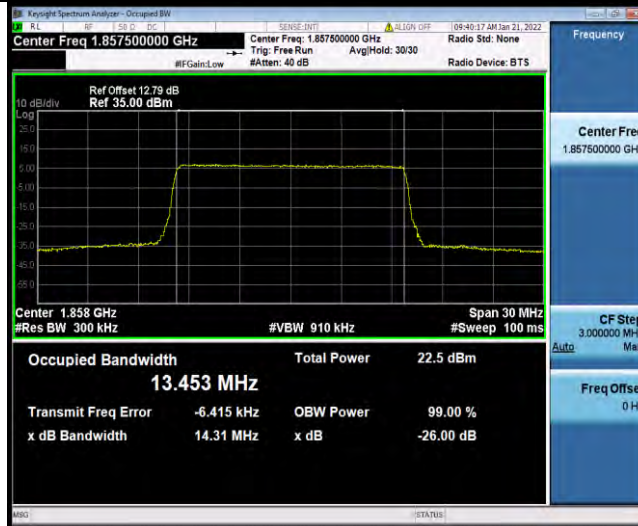


BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-64QAM-18675-75RB#0



Band2-15MHz-64QAM-18900-75RB#0

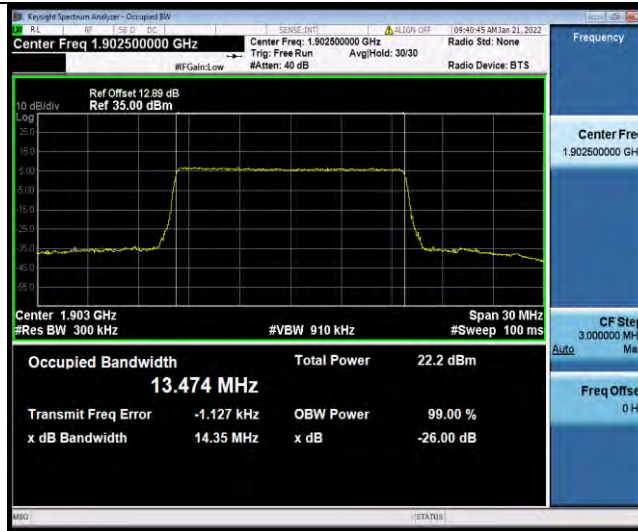


Band2-15MHz-64QAM-19125-75RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-18900-100RB#0



Band2-20MHz-64QAM-19100-100RB#0



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Test Report No.: W7L-P22030026-5RF04





BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-30.68	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.26	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-32.63	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-27.23	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-32.91	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.99	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-35.73	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.49	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.76	PASS
Band2	3MHz	QPSK	18615	15RB#0	-20.73	PASS
Band2	3MHz	QPSK	19185	1RB#14	-21.36	PASS
Band2	3MHz	QPSK	19185	15RB#0	-22.19	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.47	PASS
Band2	3MHz	16QAM	18615	15RB#0	-22.52	PASS
Band2	3MHz	16QAM	19185	1RB#14	-21.38	PASS
Band2	3MHz	16QAM	19185	15RB#0	-22.53	PASS
Band2	5MHz	QPSK	18625	1RB#0	-27.84	PASS
Band2	5MHz	QPSK	18625	25RB#0	-25.41	PASS
Band2	5MHz	QPSK	19175	1RB#24	-28.97	PASS
Band2	5MHz	QPSK	19175	25RB#0	-25.65	PASS
Band2	5MHz	16QAM	18625	1RB#0	-28.52	PASS
Band2	5MHz	16QAM	18625	25RB#0	-26.58	PASS
Band2	5MHz	16QAM	19175	1RB#24	-29.58	PASS
Band2	5MHz	16QAM	19175	25RB#0	-26.66	PASS
Band2	10MHz	QPSK	18650	1RB#0	-33.03	PASS
Band2	10MHz	QPSK	18650	50RB#0	-28.75	PASS
Band2	10MHz	QPSK	19150	1RB#49	-34.17	PASS
Band2	10MHz	QPSK	19150	50RB#0	-27.33	PASS
Band2	10MHz	16QAM	18650	1RB#0	-34.68	PASS
Band2	10MHz	16QAM	18650	50RB#0	-29.44	PASS
Band2	10MHz	16QAM	19150	1RB#49	-33.15	PASS
Band2	10MHz	16QAM	19150	50RB#0	-28.04	PASS
Band2	15MHz	QPSK	18675	1RB#0	-33.64	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.32	PASS
Band2	15MHz	QPSK	19125	1RB#74	-36.06	PASS
Band2	15MHz	QPSK	19125	75RB#0	-26.69	PASS
Band2	15MHz	16QAM	18675	1RB#0	-34.10	PASS
Band2	15MHz	16QAM	18675	75RB#0	-29.53	PASS
Band2	15MHz	16QAM	19125	1RB#74	-35.83	PASS
Band2	15MHz	16QAM	19125	75RB#0	-27.76	PASS
Band2	20MHz	QPSK	18700	1RB#0	-19.29	PASS
Band2	20MHz	QPSK	18700	100RB#0	-31.66	PASS
Band2	20MHz	QPSK	19100	1RB#99	-20.99	PASS



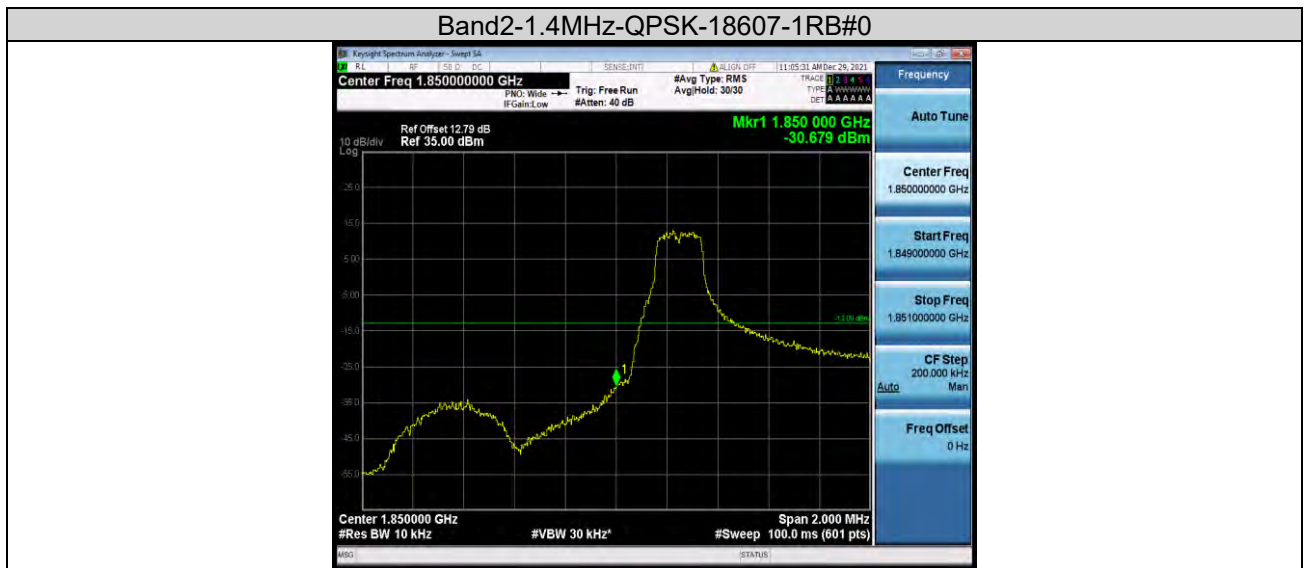
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Test Report No.: W7L-P22030026-5RF04

Band2	20MHz	QPSK	19100	100RB#0	-26.80	PASS
Band2	20MHz	16QAM	18700	1RB#0	-19.92	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.12	PASS
Band2	20MHz	16QAM	19100	1RB#99	-20.40	PASS
Band2	20MHz	16QAM	19100	100RB#0	-27.85	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	64QAM	18607	1RB#0	-28.90	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-31.96	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-31.04	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-33.16	PASS
Band2	3MHz	64QAM	18615	1RB#0	-20.55	PASS
Band2	3MHz	64QAM	18615	15RB#0	-22.89	PASS
Band2	3MHz	64QAM	19185	1RB#14	-21.46	PASS
Band2	3MHz	64QAM	19185	15RB#0	-23.95	PASS
Band2	5MHz	64QAM	18625	1RB#0	-28.36	PASS
Band2	5MHz	64QAM	18625	25RB#0	-27.11	PASS
Band2	5MHz	64QAM	19175	1RB#24	-29.80	PASS
Band2	5MHz	64QAM	19175	25RB#0	-28.10	PASS
Band2	10MHz	64QAM	18650	1RB#0	-34.38	PASS
Band2	10MHz	64QAM	18650	50RB#0	-30.64	PASS
Band2	10MHz	64QAM	19150	1RB#49	-33.54	PASS
Band2	10MHz	64QAM	19150	50RB#0	-30.57	PASS
Band2	15MHz	64QAM	18675	1RB#0	-33.71	PASS
Band2	15MHz	64QAM	18675	75RB#0	-29.98	PASS
Band2	15MHz	64QAM	19125	1RB#74	-35.43	PASS
Band2	15MHz	64QAM	19125	75RB#0	-31.04	PASS
Band2	20MHz	64QAM	18700	1RB#0	-20.05	PASS
Band2	20MHz	64QAM	18700	100RB#0	-32.05	PASS
Band2	20MHz	64QAM	19100	1RB#99	-20.31	PASS
Band2	20MHz	64QAM	19100	100RB#0	-32.79	PASS

Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04

Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#5



Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-1RB#0

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BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#5



Band2-1.4MHz-16QAM-19193-6RB#0

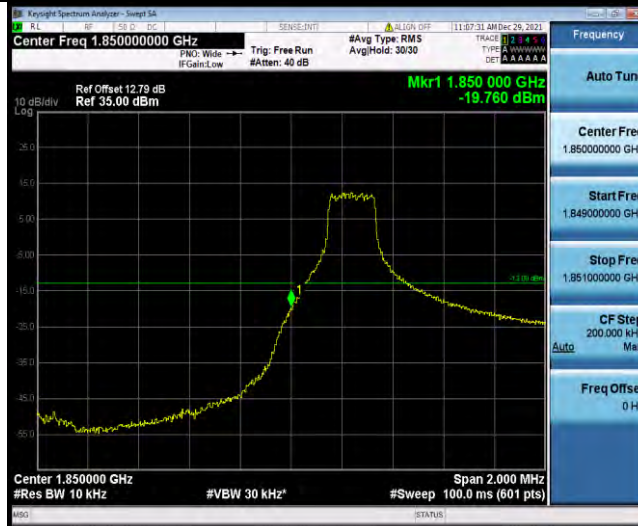


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Test Report No.: W7L-P22030026-5RF04



Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-19185-1RB#14



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#0

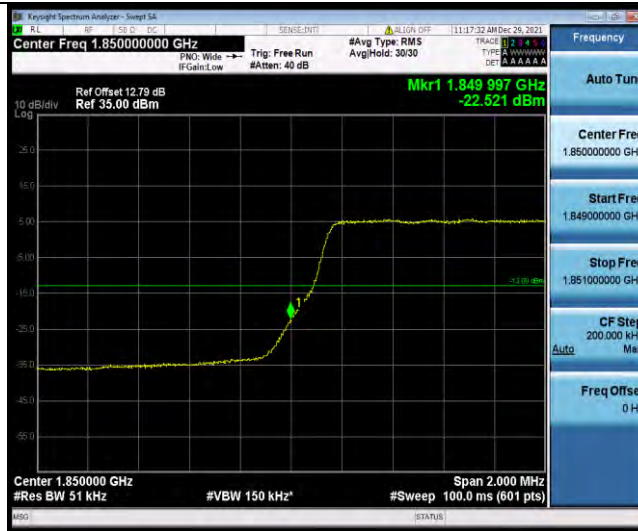


Band2-3MHz-16QAM-18615-15RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-3MHz-16QAM-19185-1RB#14



Band2-3MHz-16QAM-19185-15RB#0

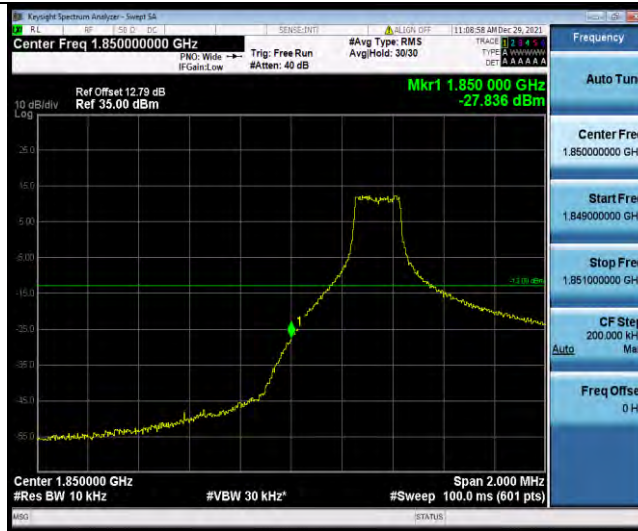


Band2-5MHz-QPSK-18625-1RB#0



BUREAU VERITAS

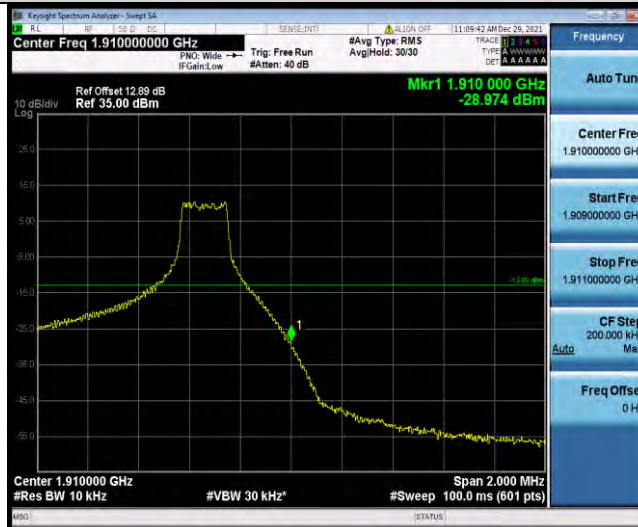
Test Report No.: W7L-P22030026-5RF04



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-19175-1RB#24



Band2-5MHz-QPSK-19175-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-5MHz-16QAM-18625-1RB#0



Band2-5MHz-16QAM-18625-25RB#0

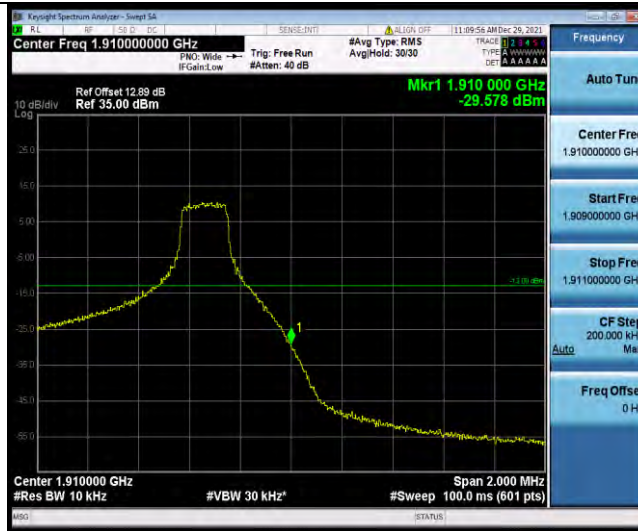


Band2-5MHz-16QAM-19175-1RB#24



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Test Report No.: W7L-P22030026-5RF04



Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-1RB#0



Band2-10MHz-QPSK-18650-50RB#0

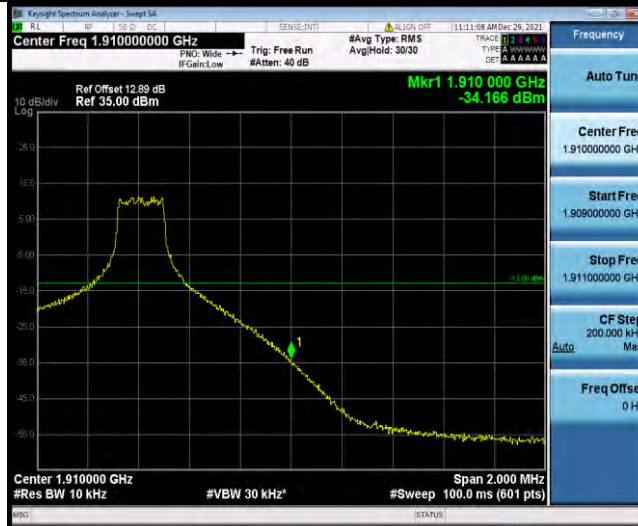


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Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-QPSK-19150-1RB#49



Band2-10MHz-QPSK-19150-50RB#0

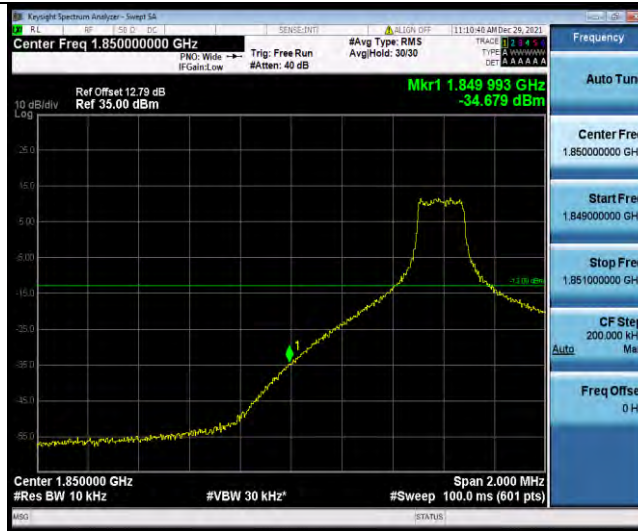


Band2-10MHz-16QAM-18650-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-10MHz-16QAM-18650-50RB#0



Band2-10MHz-16QAM-19150-1RB#49



Band2-10MHz-16QAM-19150-50RB#0

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Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#74



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-16QAM-18675-1RB#0

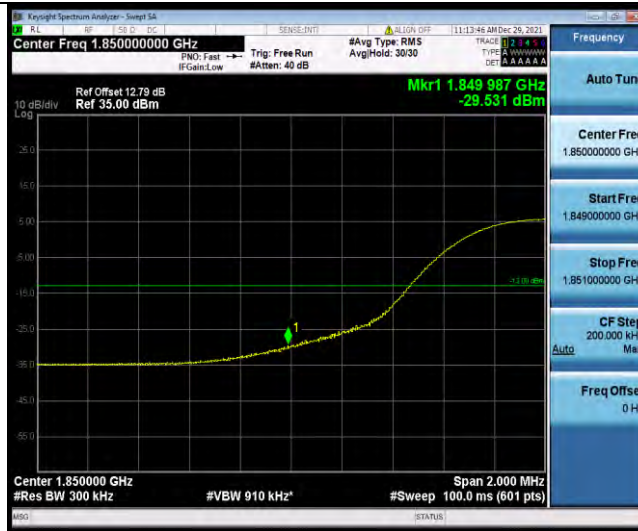


Band2-15MHz-16QAM-18675-75RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-15MHz-16QAM-19125-1RB#74



Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0

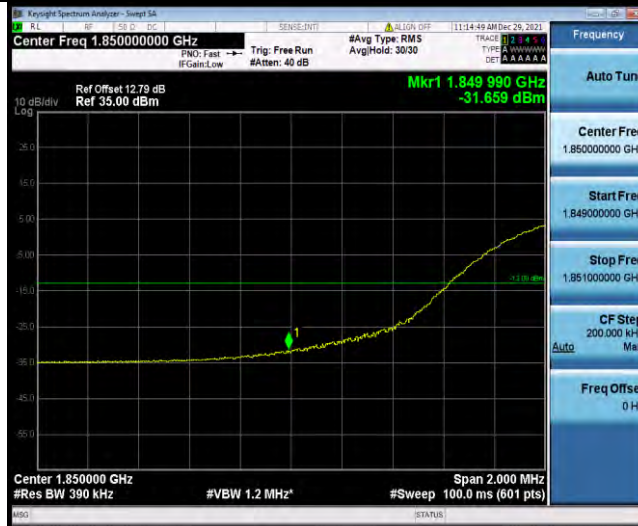


BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-19100-1RB#99



Band2-20MHz-QPSK-19100-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF04



Band2-20MHz-16QAM-18700-1RB#0



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#99