

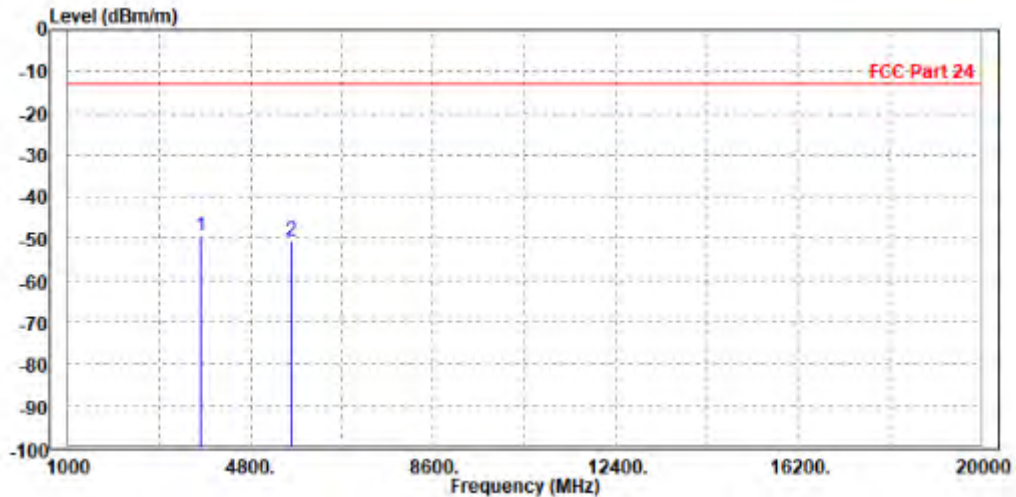


**BUREAU
VERITAS**

Test Report No.: W7L-221021W001RF02

MODE	TX channel 18900	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3755.000	-49.33	-57.02	-13.00	-36.33	7.69	Peak	Vertical
2	5636.000	-50.51	-61.63	-13.00	-37.51	11.12	Peak	Vertical





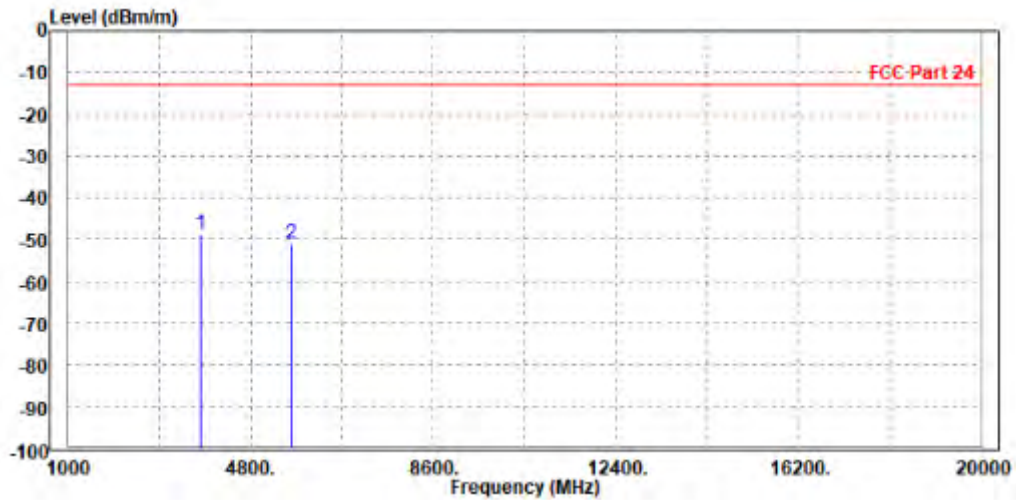
**BUREAU
VERITAS**

Test Report No.: W7L-221021W001RF02

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 18900	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3755.000	-48.55	-56.53	-13.00	-35.55	7.98	Peak	Horizontal
2	5636.000	-50.96	-61.69	-13.00	-37.96	10.73	Peak	Horizontal



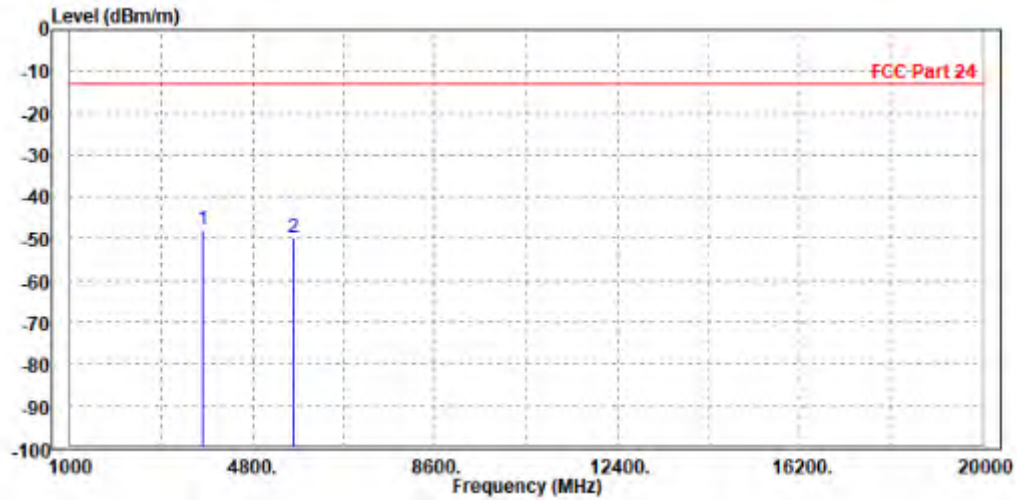


**BUREAU
VERITAS**

Test Report No.: W7L-221021W001RF02

MODE	TX channel 18900	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3755.000	-47.80	-55.49	-13.00	-34.80	7.69	Peak	Vertical
2	5636.000	-49.86	-60.98	-13.00	-36.86	11.12	Peak	Vertical



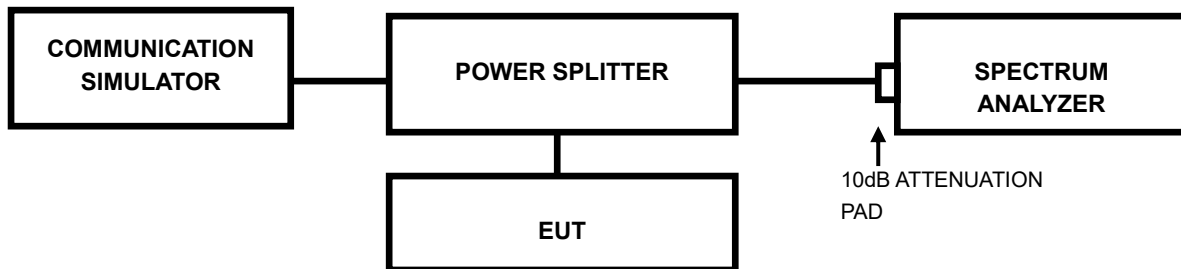


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.



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Test Report No.: W7L-221021W001RF02

3.7.4 TEST RESULTS

Please Refer to Appendix B Of this test report.



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Test Report No.: W7L-221021W001RF02

4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Shenzhen EMC/RF Lab:

Tel: +86-755-88696566

Fax: +86-755-88696577

Email: customerservice.sw@bureauveritas.com

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.



Test Report No.: W7L-221021W001RF02

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

Please Refer to Appendix B Of this test report.



Test Report No.: W7L-221021W001RF02

APPENDIX B:

GSM1900

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

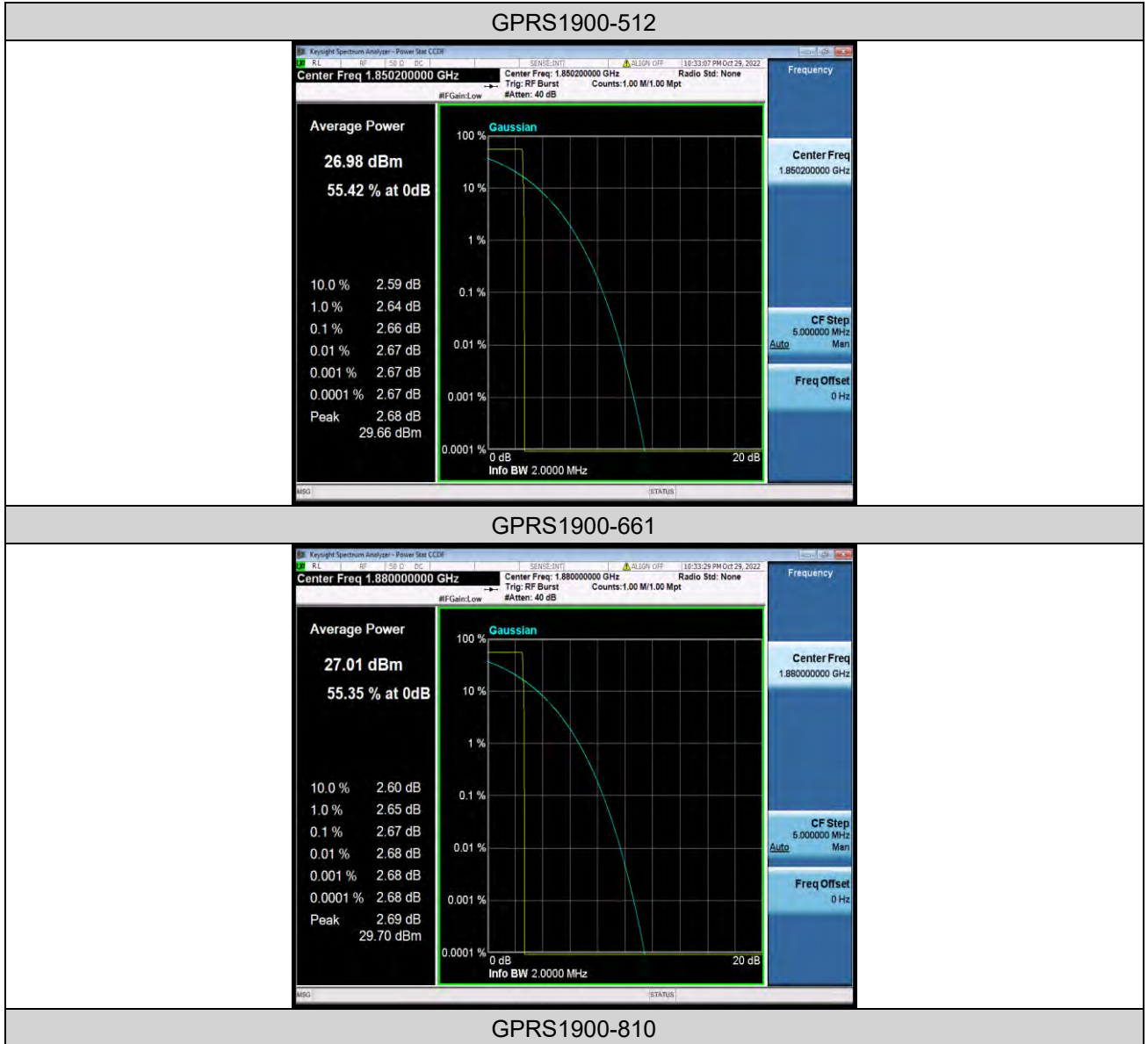
Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS1900	512	2.66	13	PASS
GPRS1900	661	2.67	13	PASS
GPRS1900	810	2.71	13	PASS
EGPRS1900	512	5.65	13	PASS
EGPRS1900	661	5.59	13	PASS
EGPRS1900	810	5.59	13	PASS



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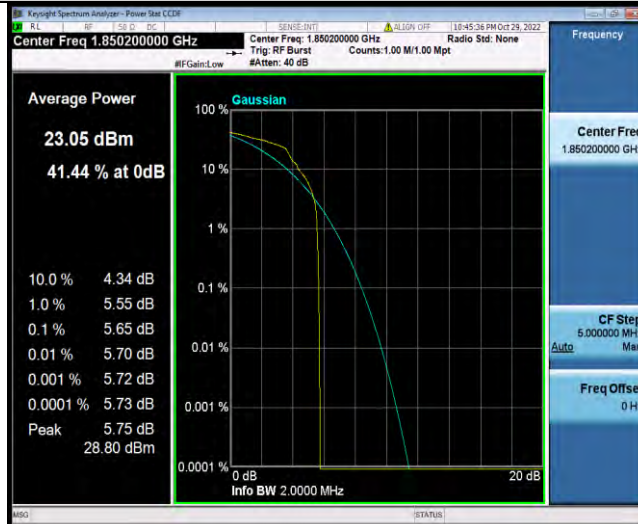
Test Report No.: W7L-221021W001RF02

Test Graphs

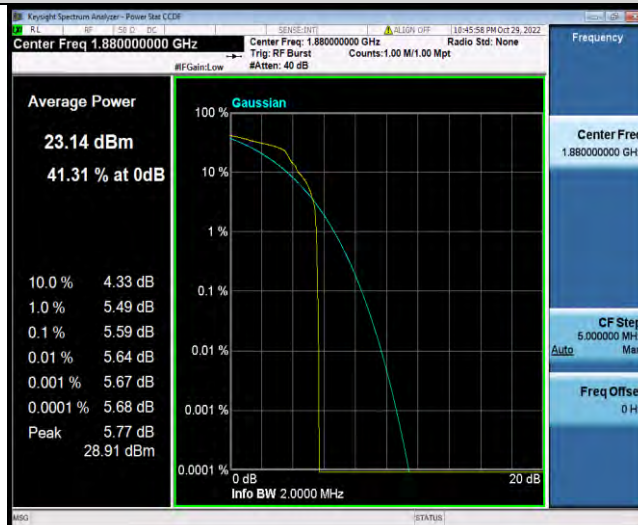




EGPRS1900-512



EGPRS1900-661

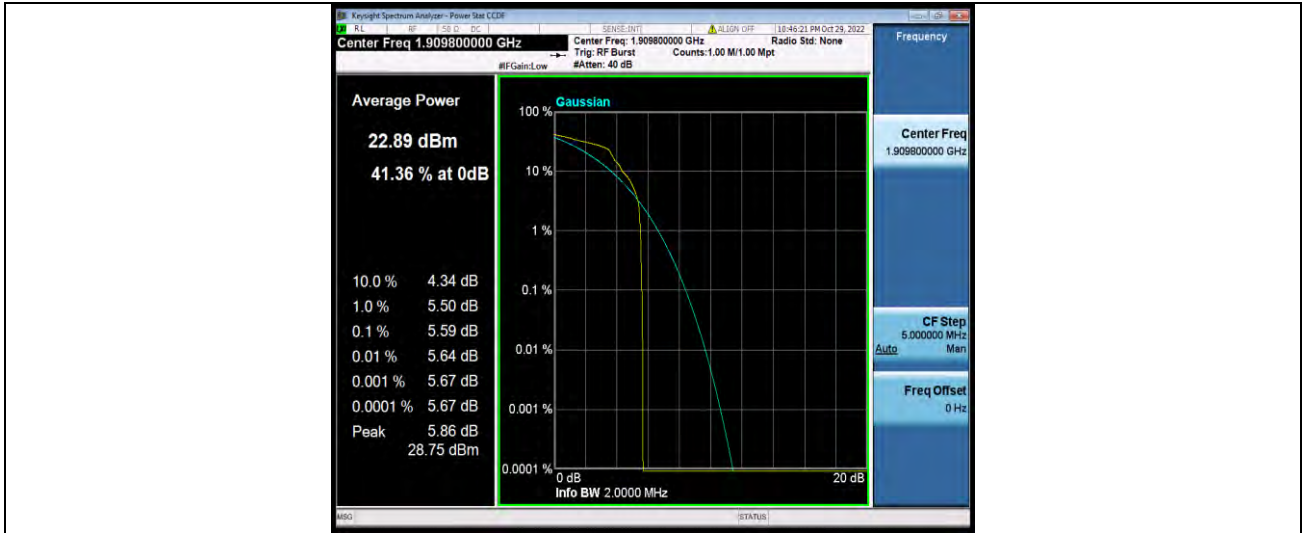


EGPRS1900-810



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VERITAS

Test Report No.: W7L-221021W001RF02





Test Report No.: W7L-221021W001RF02

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

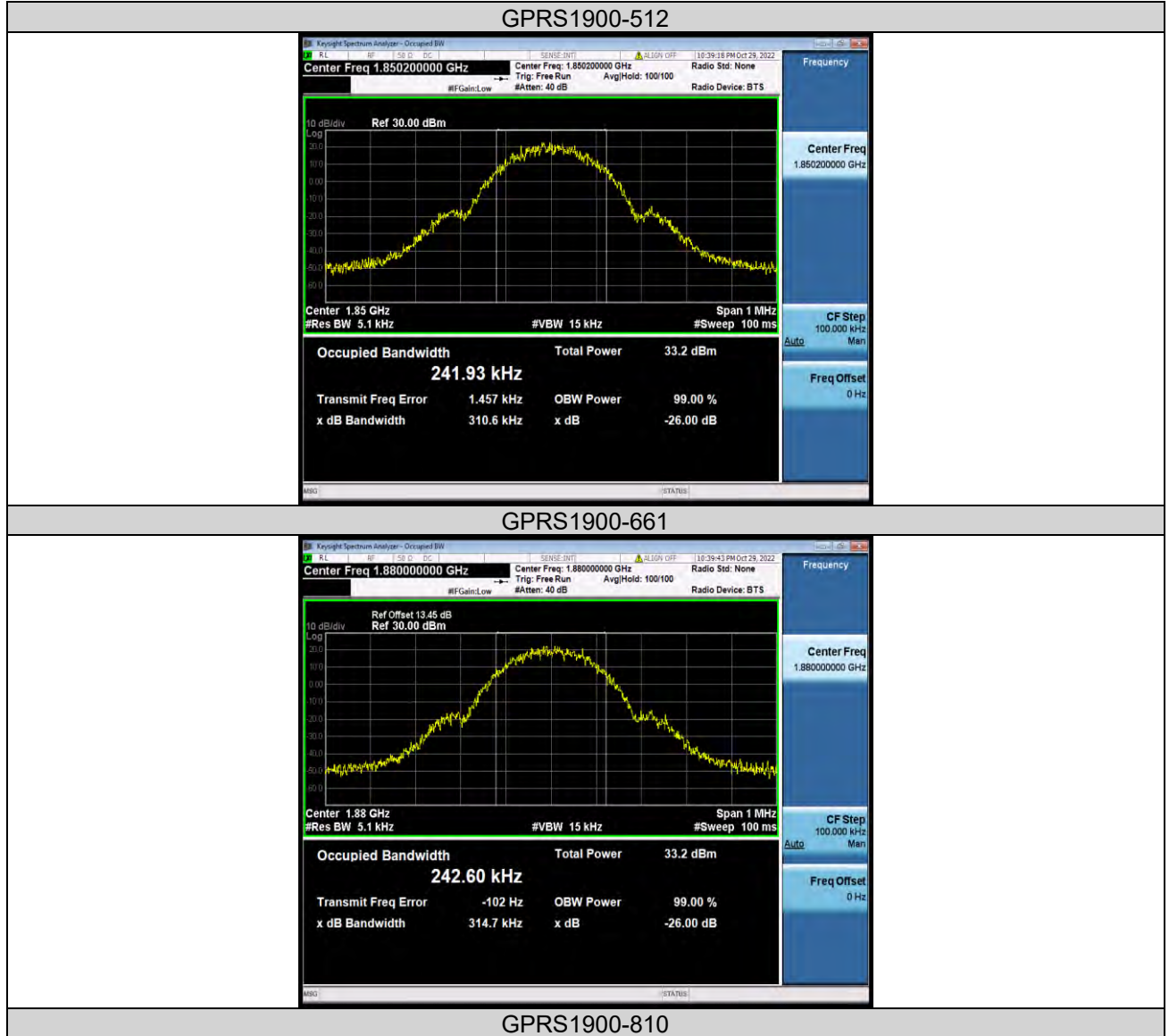
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS1900	512	0.24193	0.3106	---	PASS
GPRS1900	661	0.24260	0.3147	---	PASS
GPRS1900	810	0.24313	0.3070	---	PASS
EGPRS1900	512	0.24209	0.3040	---	PASS
EGPRS1900	661	0.24019	0.3029	---	PASS
EGPRS1900	810	0.24683	0.3040	---	PASS



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Test Report No.: W7L-221021W001RF02

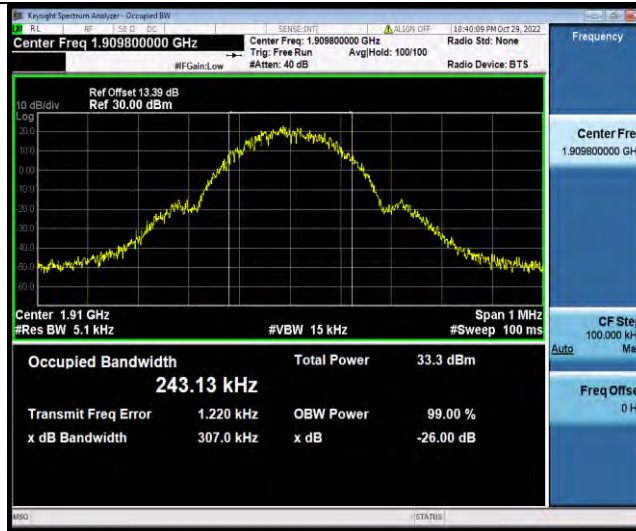
Test Graphs





BUREAU VERITAS

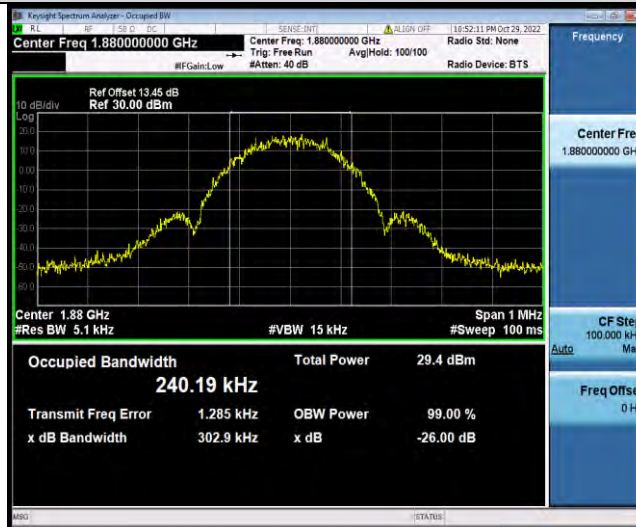
Test Report No.: W7L-221021W001RF02



EGPRS1900-512



EGPRS1900-661

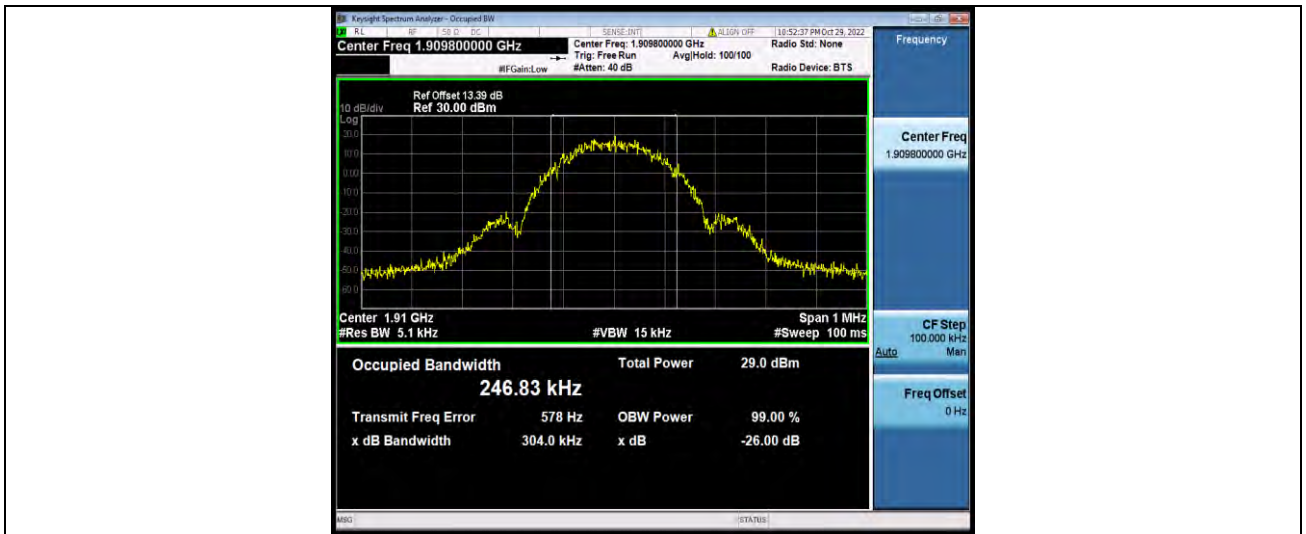


EGPRS1900-810



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Test Report No.: W7L-221021W001RF02





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VERITAS

Test Report No.: W7L-221021W001RF02

BAND EDGE

Test Result

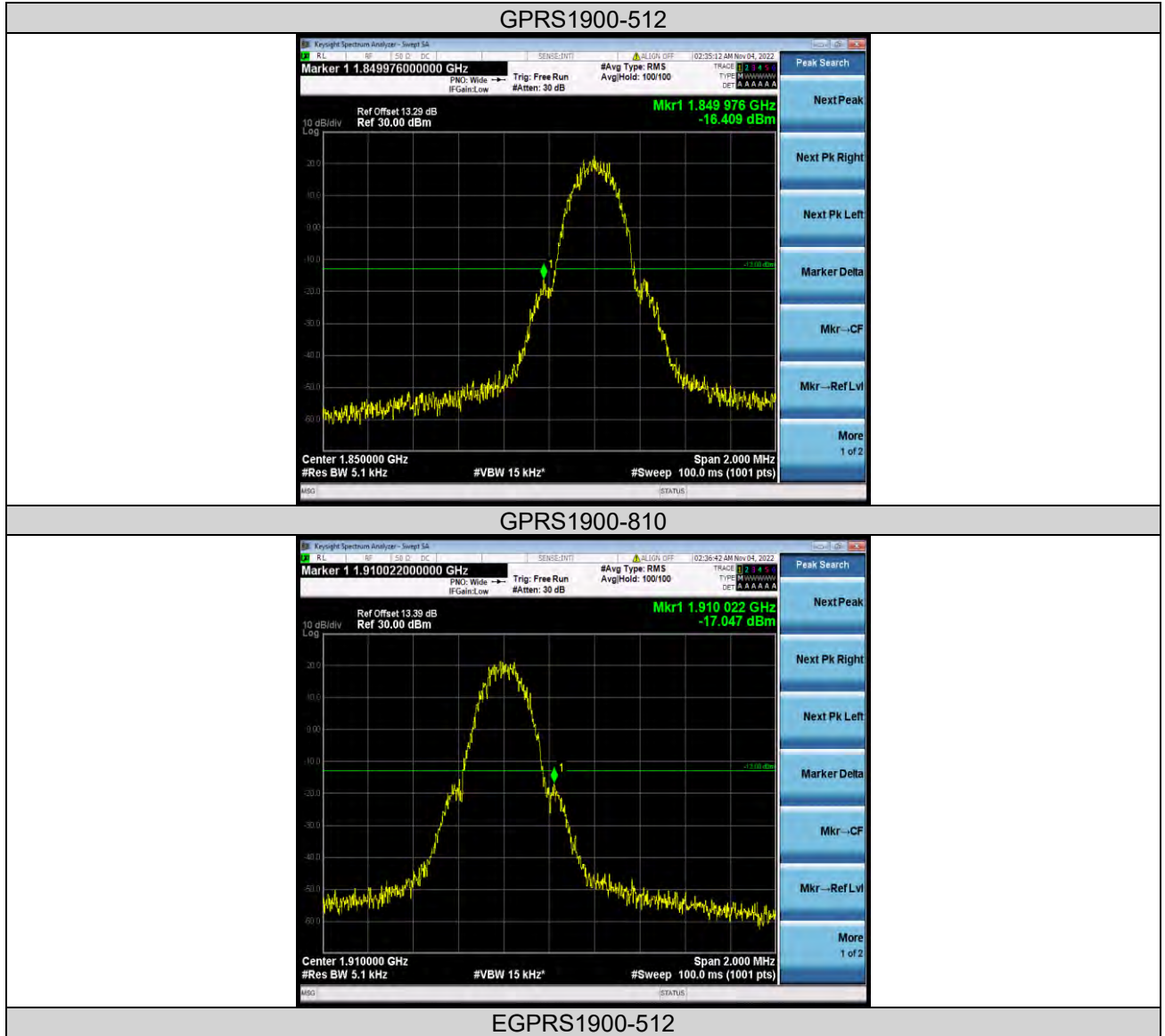
Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GPRS1900	512	1849.98	-16.41	-13	PASS
GPRS1900	810	1910.02	-17.05	-13	PASS
EGPRS1900	512	1849.98	-20.51	-13	PASS
EGPRS1900	810	1910.02	-21.27	-13	PASS



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VERITAS

Test Report No.: W7L-221021W001RF02

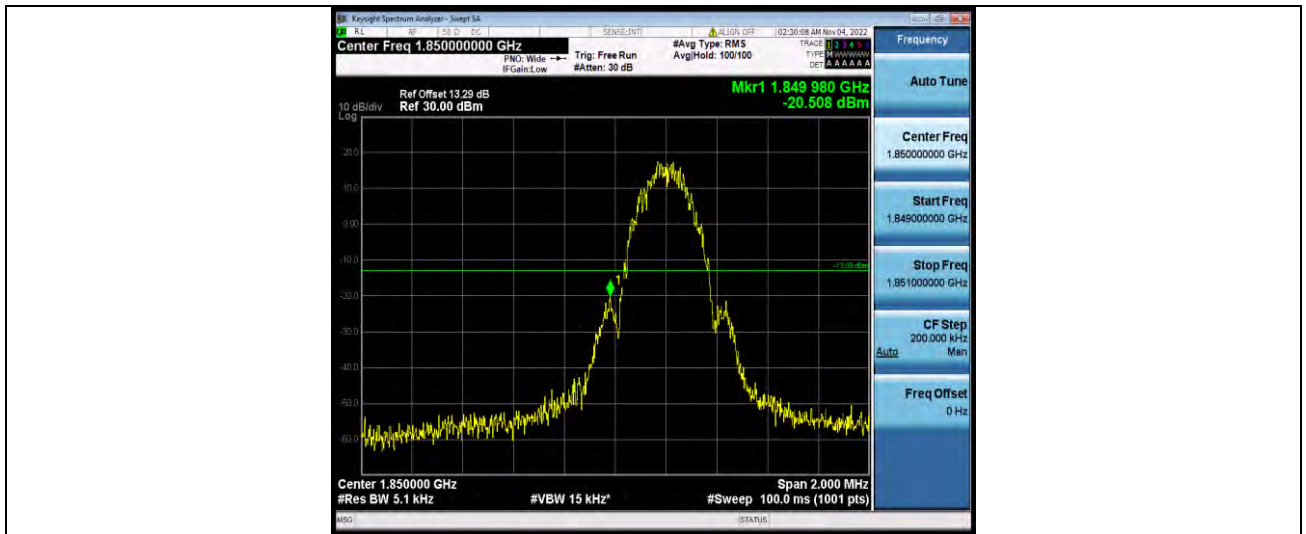
Test Graphs



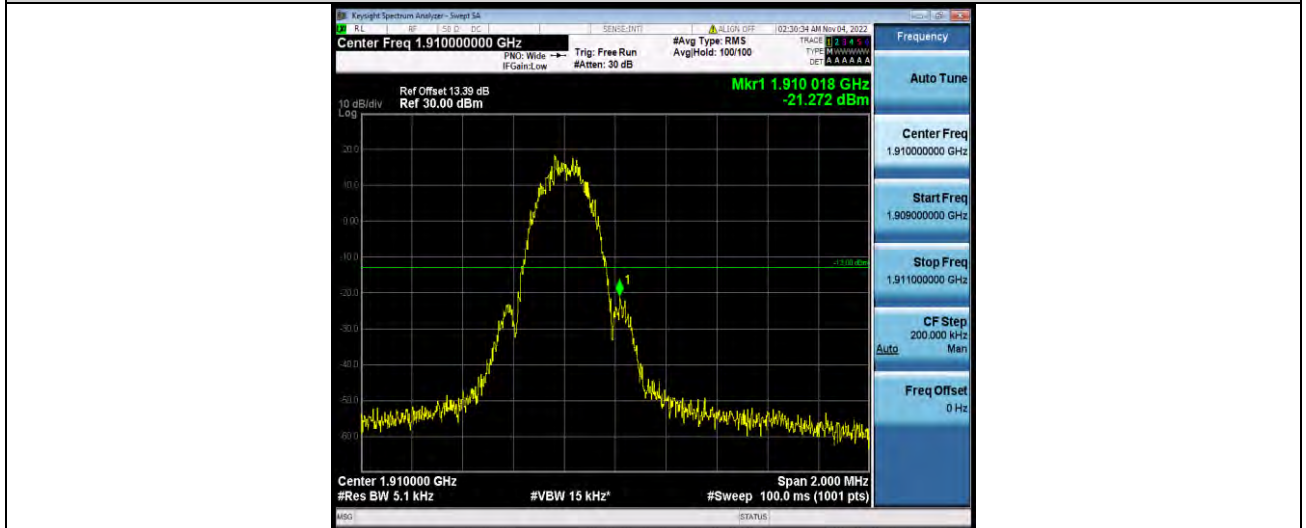


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



EGPRS1900-810





**BUREAU
VERITAS**

Test Report No.: W7L-221021W001RF02

CONDUCTED SPURIOUS EMISSION

Test Result

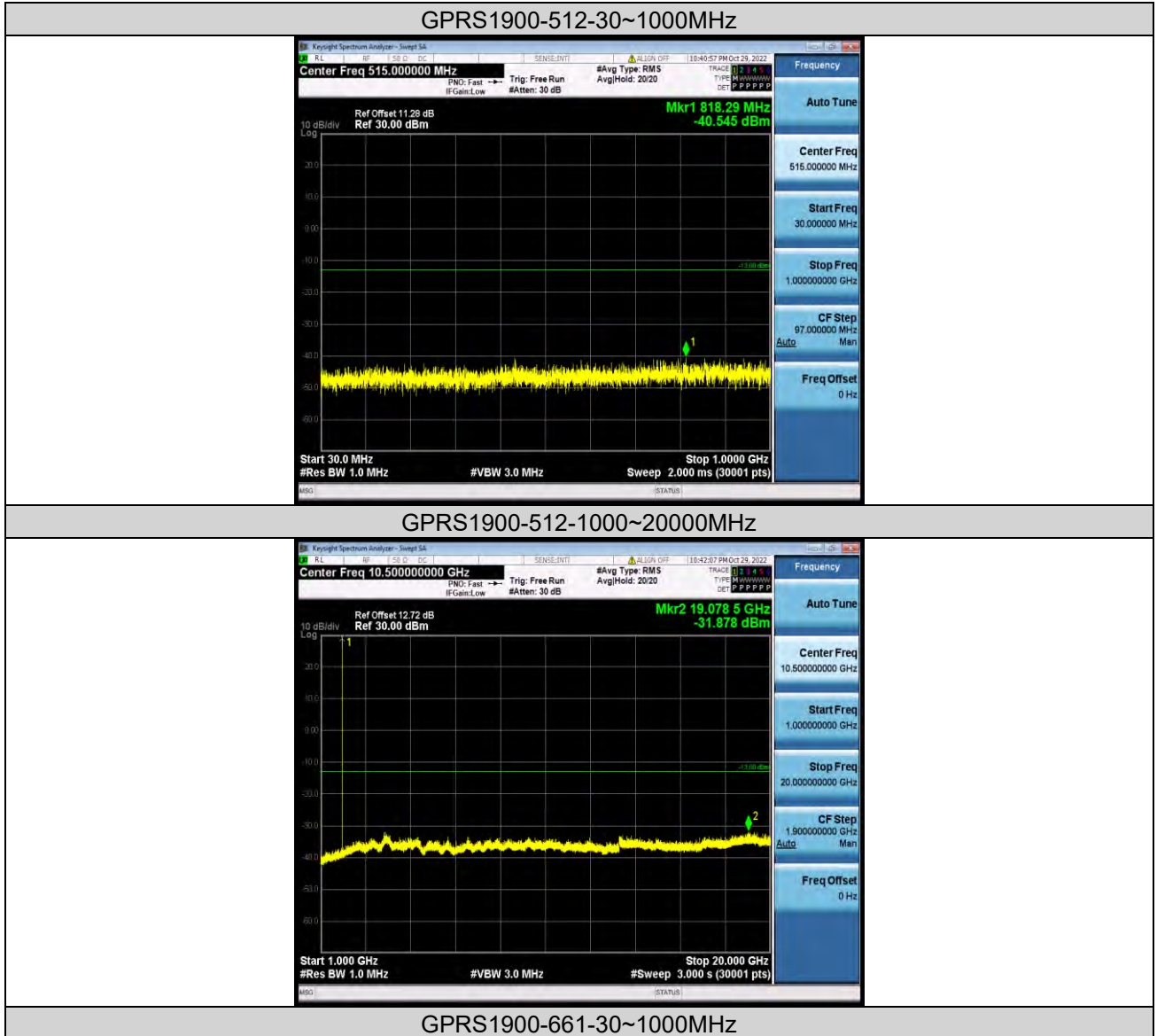
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS1900	512	30~1000MHz	818.29	-40.55	-13	PASS
GPRS1900	512	1000~20000MHz	19078.5	-31.88	-13	PASS
GPRS1900	661	30~1000MHz	926.93	-41.04	-13	PASS
GPRS1900	661	1000~20000MHz	19088	-32.16	-13	PASS
GPRS1900	810	30~1000MHz	873.77	-40.56	-13	PASS
GPRS1900	810	1000~20000MHz	19075.33	-32.18	-13	PASS
EGPRS1900	512	30~1000MHz	889.32	-40.15	-13	PASS
EGPRS1900	512	1000~20000MHz	3784.13	-31.95	-13	PASS
EGPRS1900	661	30~1000MHz	933.36	-40.01	-13	PASS
EGPRS1900	661	1000~20000MHz	14286.07	-32.05	-13	PASS
EGPRS1900	810	30~1000MHz	712.27	-40.6	-13	PASS
EGPRS1900	810	1000~20000MHz	19253.93	-32.04	-13	PASS



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Test Report No.: W7L-221021W001RF02

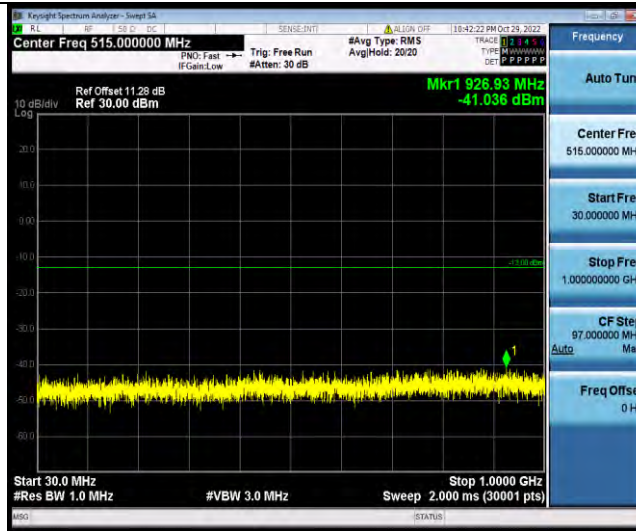
Test Graphs





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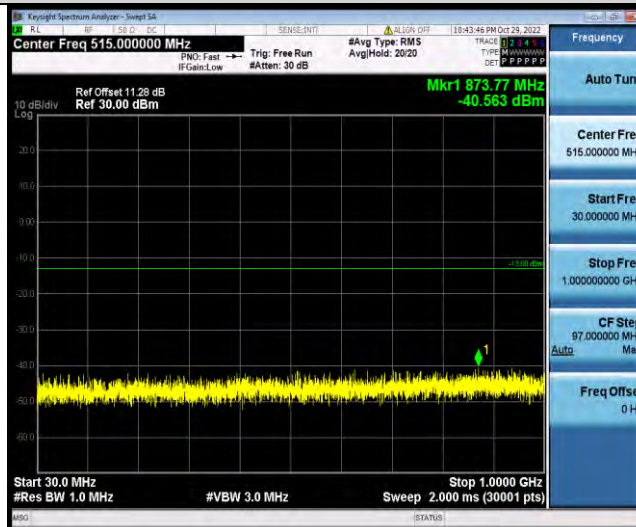
Test Report No.: W7L-221021W001RF02



GPRS1900-661-1000~20000MHz



GPRS1900-810-30~1000MHz

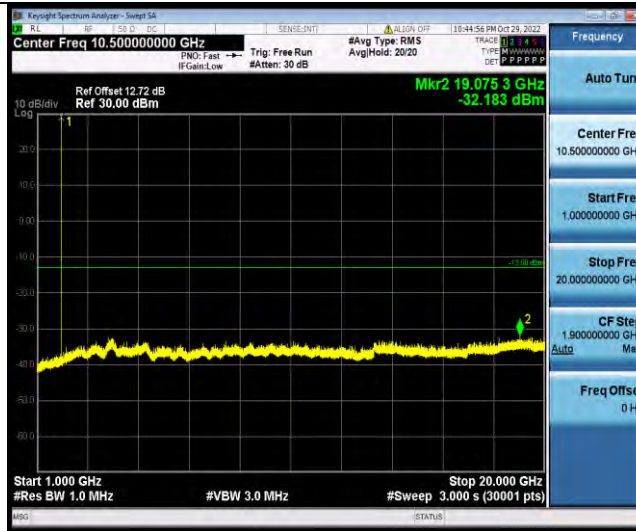


GPRS1900-810-1000~20000MHz

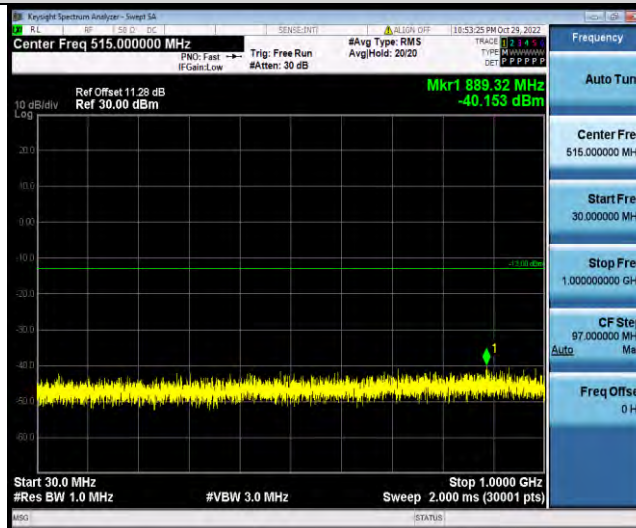


BUREAU VERITAS

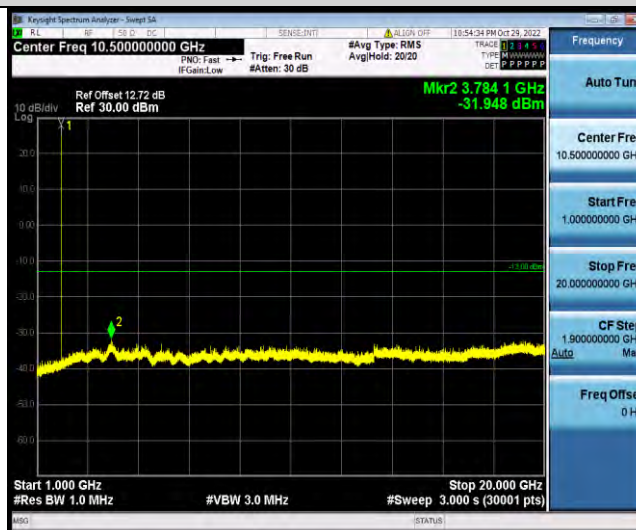
Test Report No.: W7L-221021W001RF02



EGPRS1900-512-30~1000MHz



EGPRS1900-512-1000~2000MHz

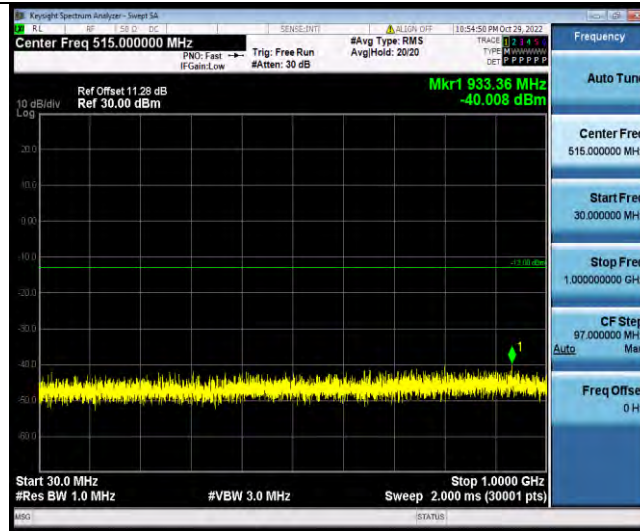


EGPRS1900-661-30~1000MHz



BUREAU VERITAS

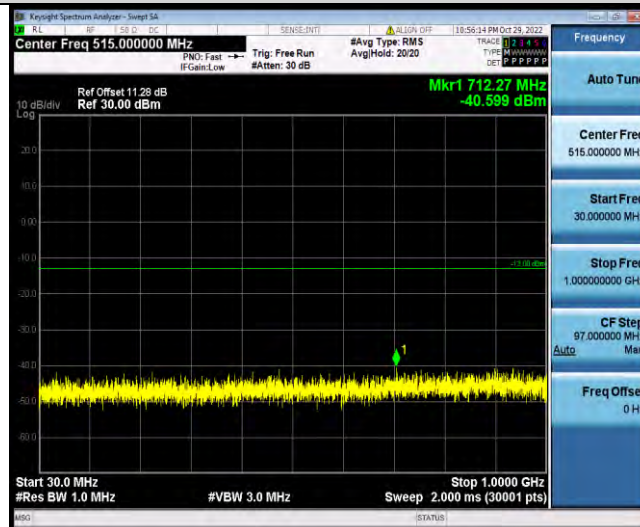
Test Report No.: W7L-221021W001RF02



EGPRS1900-661-1000~20000MHz



EGPRS1900-810-30~1000MHz



EGPRS1900-810-1000~20000MHz

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

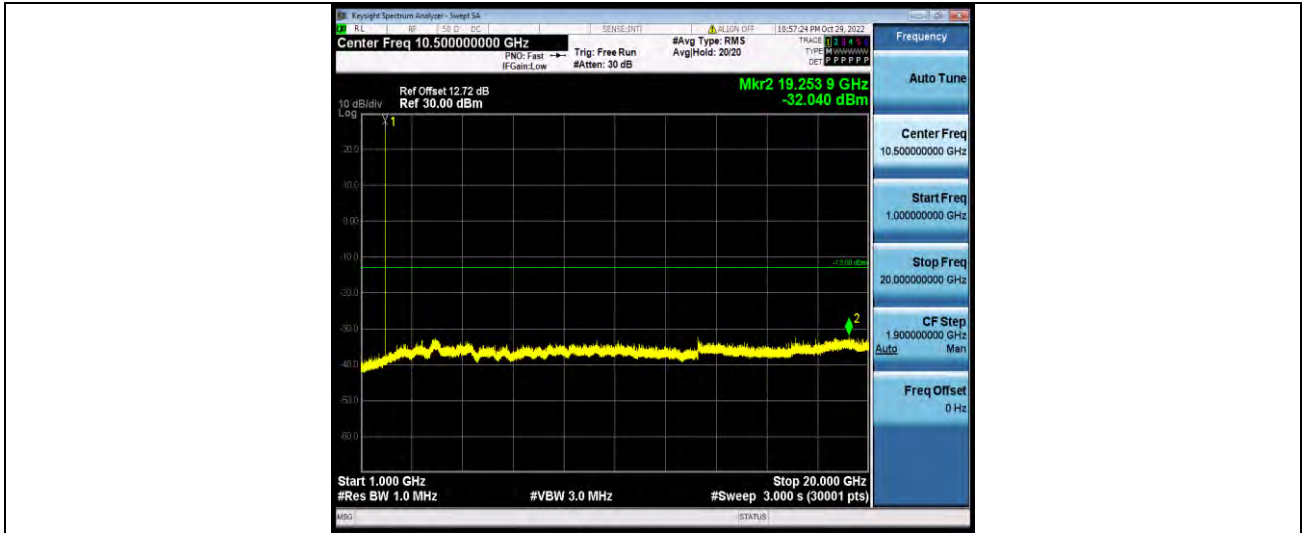
Tel: +86 755 8869 6566 Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



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Test Report No.: W7L-221021W001RF02





FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS1900	512	VL	NT	27.96	0.015112	±2.5	PASS
GPRS1900	512	VN	NT	27.02	0.014604	±2.5	PASS
GPRS1900	512	VH	NT	32.80	0.017728	±2.5	PASS
GPRS1900	661	VL	NT	38.61	0.020537	±2.5	PASS
GPRS1900	661	VN	NT	38.42	0.020436	±2.5	PASS
GPRS1900	661	VH	NT	30.90	0.016436	±2.5	PASS
GPRS1900	810	VL	NT	19.05	0.009975	±2.5	PASS
GPRS1900	810	VN	NT	30.32	0.015876	±2.5	PASS
GPRS1900	810	VH	NT	17.40	0.009111	±2.5	PASS
EGPRS1900	512	VL	NT	35.48	0.019176	±2.5	PASS
EGPRS1900	512	VN	NT	36.64	0.019803	±2.5	PASS
EGPRS1900	512	VH	NT	39.78	0.021500	±2.5	PASS
EGPRS1900	661	VL	NT	30.80	0.016383	±2.5	PASS
EGPRS1900	661	VN	NT	33.29	0.017707	±2.5	PASS
EGPRS1900	661	VH	NT	36.35	0.019335	±2.5	PASS
EGPRS1900	810	VL	NT	30.28	0.015855	±2.5	PASS
EGPRS1900	810	VN	NT	29.35	0.015368	±2.5	PASS
EGPRS1900	810	VH	NT	25.86	0.013541	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS1900	512	NV	-30	26.05	0.014080	±2.5	PASS
GPRS1900	512	NV	-20	41.84	0.022614	±2.5	PASS
GPRS1900	512	NV	-10	35.26	0.019057	±2.5	PASS



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Test Report No.: W7L-221021W001RF02

GPRS1900	512	NV	0	38.03	0.020555	±2.5	PASS
GPRS1900	512	NV	10	37.42	0.020225	±2.5	PASS
GPRS1900	512	NV	20	23.70	0.012809	±2.5	PASS
GPRS1900	512	NV	30	26.67	0.014415	±2.5	PASS
GPRS1900	512	NV	40	38.10	0.020592	±2.5	PASS
GPRS1900	512	NV	50	32.12	0.017360	±2.5	PASS
GPRS1900	661	NV	-30	39.81	0.021176	±2.5	PASS
GPRS1900	661	NV	-20	42.46	0.022585	±2.5	PASS
GPRS1900	661	NV	-10	43.07	0.022910	±2.5	PASS
GPRS1900	661	NV	0	40.03	0.021293	±2.5	PASS
GPRS1900	661	NV	10	33.03	0.017569	±2.5	PASS
GPRS1900	661	NV	20	39.00	0.020745	±2.5	PASS
GPRS1900	661	NV	30	44.10	0.023457	±2.5	PASS
GPRS1900	661	NV	40	34.80	0.018511	±2.5	PASS
GPRS1900	661	NV	50	27.44	0.014596	±2.5	PASS
GPRS1900	810	NV	-30	23.86	0.012493	±2.5	PASS
GPRS1900	810	NV	-20	28.67	0.015012	±2.5	PASS
GPRS1900	810	NV	-10	25.60	0.013405	±2.5	PASS
GPRS1900	810	NV	0	20.02	0.010483	±2.5	PASS
GPRS1900	810	NV	10	28.64	0.014996	±2.5	PASS
GPRS1900	810	NV	20	30.28	0.015855	±2.5	PASS
GPRS1900	810	NV	30	26.73	0.013996	±2.5	PASS
GPRS1900	810	NV	40	28.93	0.015148	±2.5	PASS
GPRS1900	810	NV	50	28.83	0.015096	±2.5	PASS
EGPRS1900	512	NV	-30	28.86	0.015598	±2.5	PASS
EGPRS1900	512	NV	-20	38.90	0.021025	±2.5	PASS
EGPRS1900	512	NV	-10	31.45	0.016998	±2.5	PASS
EGPRS1900	512	NV	0	24.28	0.013123	±2.5	PASS
EGPRS1900	512	NV	10	23.21	0.012545	±2.5	PASS
EGPRS1900	512	NV	20	35.55	0.019214	±2.5	PASS
EGPRS1900	512	NV	30	20.57	0.011118	±2.5	PASS
EGPRS1900	512	NV	40	27.09	0.014642	±2.5	PASS
EGPRS1900	512	NV	50	39.00	0.021079	±2.5	PASS
EGPRS1900	661	NV	-30	37.06	0.019713	±2.5	PASS
EGPRS1900	661	NV	-20	28.48	0.015149	±2.5	PASS
EGPRS1900	661	NV	-10	21.99	0.011697	±2.5	PASS
EGPRS1900	661	NV	0	35.84	0.019064	±2.5	PASS
EGPRS1900	661	NV	10	29.25	0.015559	±2.5	PASS



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VERITAS

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00							
EGPRS19 00	661	NV	20	31.03	0.016505	±2.5	PASS
EGPRS19 00	661	NV	30	31.96	0.017000	±2.5	PASS
EGPRS19 00	661	NV	40	31.28	0.016638	±2.5	PASS
EGPRS19 00	661	NV	50	39.39	0.020952	±2.5	PASS
EGPRS19 00	810	NV	-30	27.64	0.014473	±2.5	PASS
EGPRS19 00	810	NV	-20	32.45	0.016991	±2.5	PASS
EGPRS19 00	810	NV	-10	20.21	0.010582	±2.5	PASS
EGPRS19 00	810	NV	0	14.63	0.007660	±2.5	PASS
EGPRS19 00	810	NV	10	23.05	0.012069	±2.5	PASS
EGPRS19 00	810	NV	20	17.72	0.009278	±2.5	PASS
EGPRS19 00	810	NV	30	30.77	0.016112	±2.5	PASS
EGPRS19 00	810	NV	40	15.37	0.008048	±2.5	PASS



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WCDMA BAND2

PEAK-TO-AVERAGE RATIO

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.25	13	PASS
Band2	9400	3.08	13	PASS
Band2	9538	2.99	13	PASS



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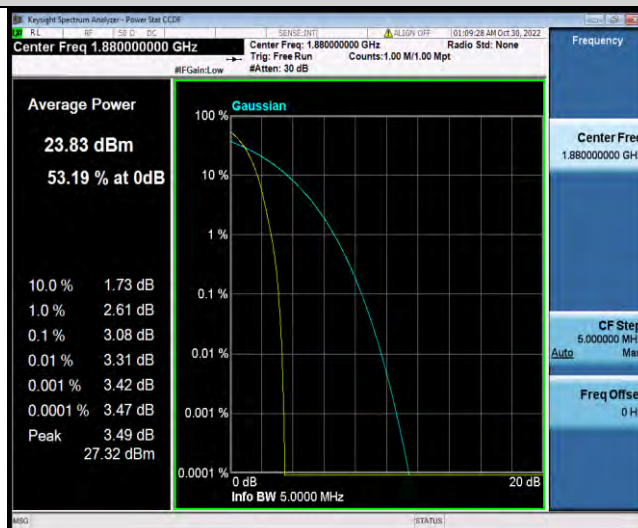
Test Report No.: W7L-221021W001RF02

Test Graphs

Band2-9262



Band2-9400

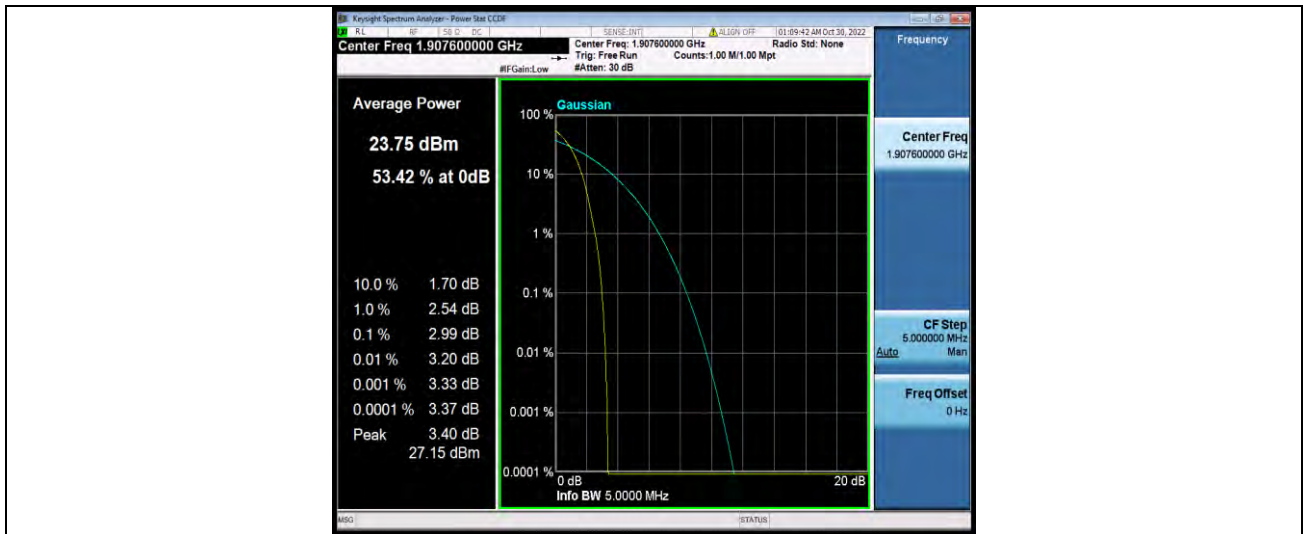


Band2-9538



**BUREAU
VERITAS**

Test Report No.: W7L-221021W001RF02





Test Report No.: W7L-221021W001RF02

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.1618	4.723	---	PASS
Band2	9400	4.1621	4.737	---	PASS
Band2	9538	4.1537	4.726	---	PASS



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Test Report No.: W7L-221021W001RF02

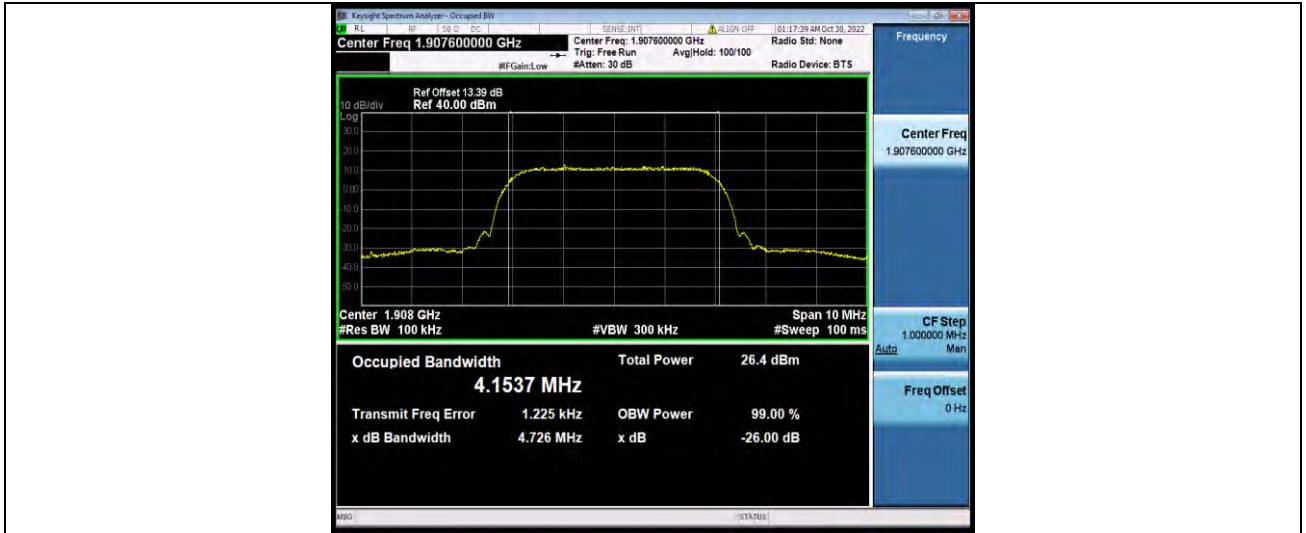
Test Graphs





BUREAU
VERITAS

Test Report No.: W7L-221021W001RF02





Test Report No.: W7L-221021W001RF02

BAND EDGE

Test Result

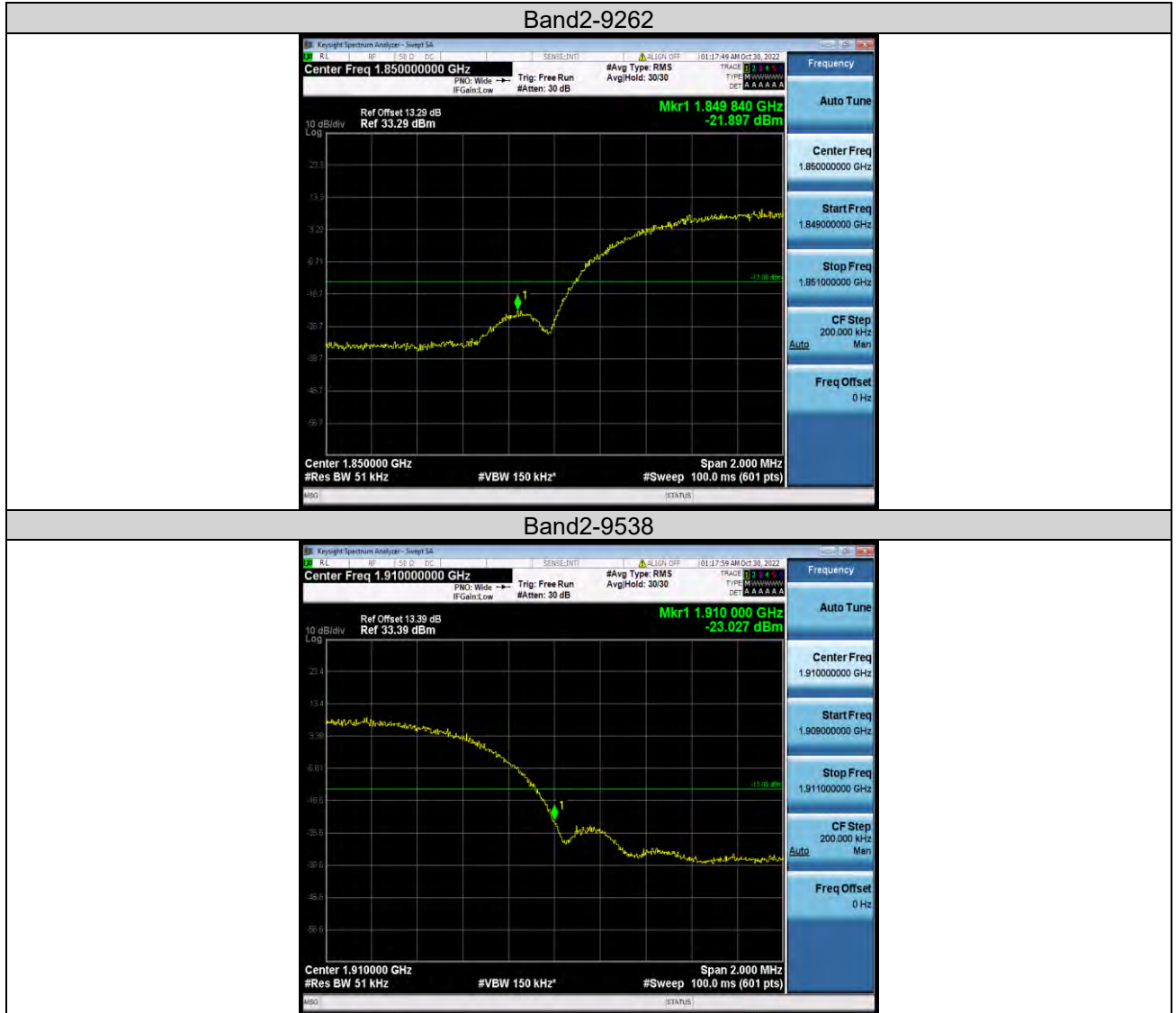
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.84	-21.90	-13	PASS
Band2	9538	1910.00	-23.03	-13	PASS



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Test Report No.: W7L-221021W001RF02

Test Graphs





Test Report No.: W7L-221021W001RF02

CONDUCTED SPURIOUS EMISSION

Test Result

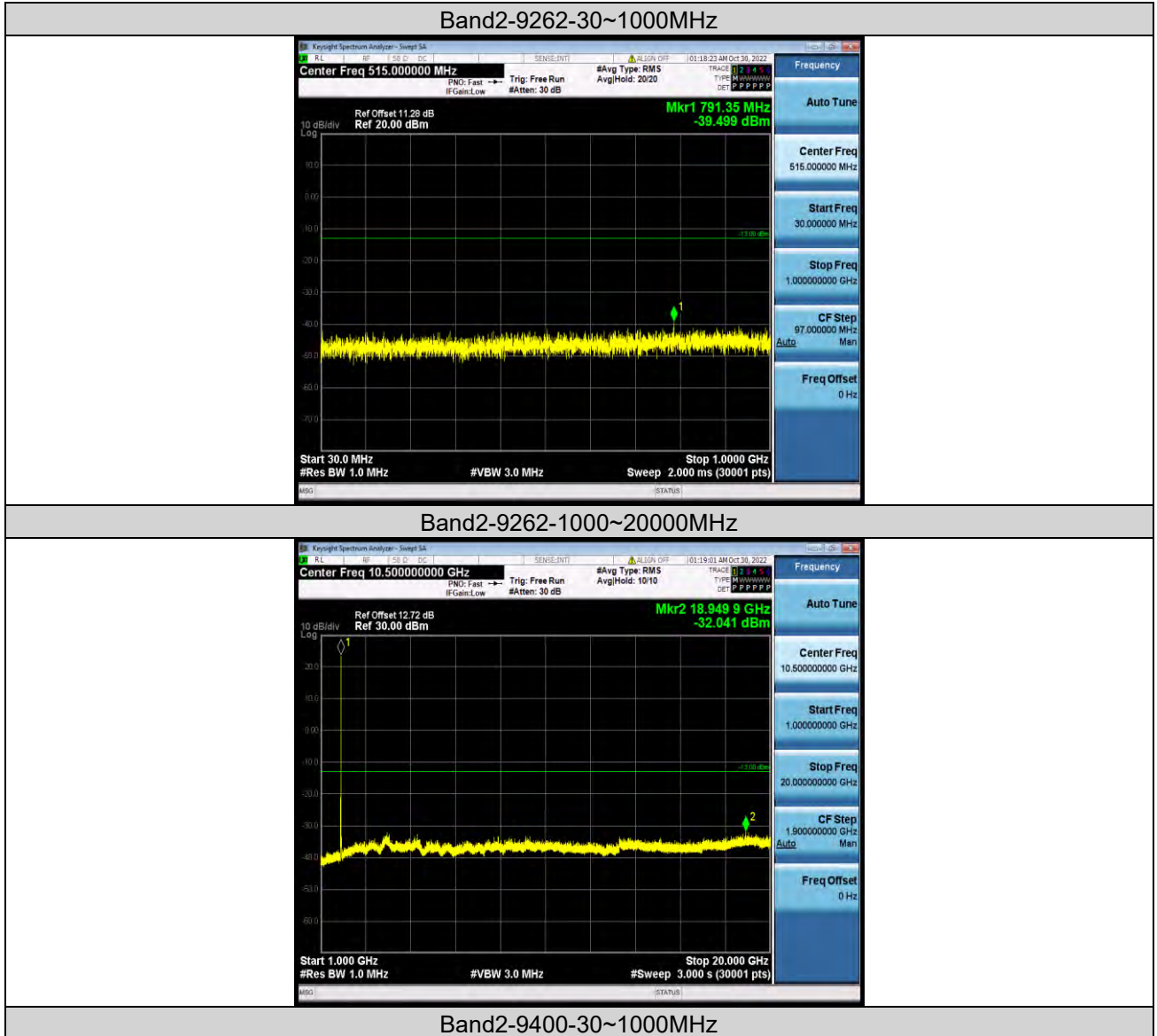
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	791.35	-39.5	-13	PASS
Band2	9262	1000~20000MHz	18949.93	-32.04	-13	PASS
Band2	9400	30~1000MHz	876.42	-40.79	-13	PASS
Band2	9400	1000~20000MHz	19487	-32.04	-13	PASS
Band2	9538	30~1000MHz	878.72	-39.73	-13	PASS
Band2	9538	1000~20000MHz	18965.13	-31.94	-13	PASS



BUREAU
VERITAS

Test Report No.: W7L-221021W001RF02

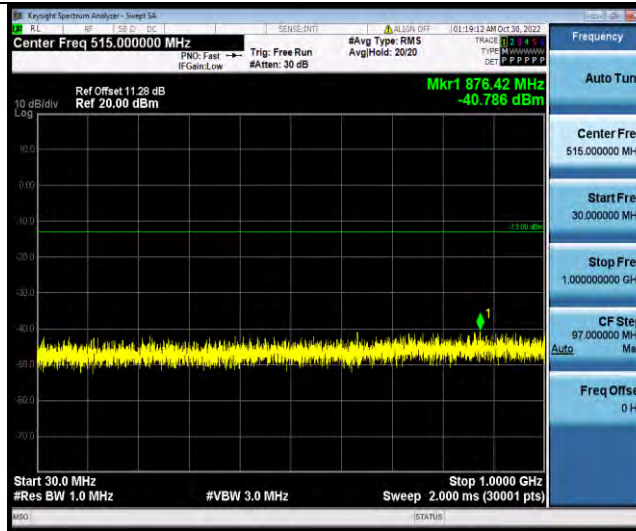
Test Graphs





BUREAU VERITAS

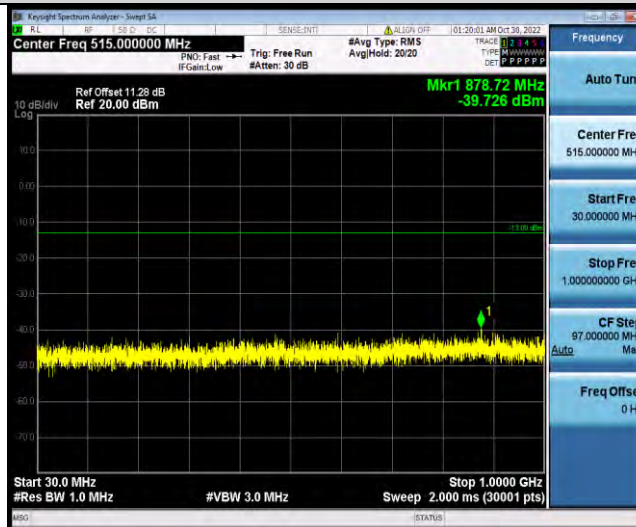
Test Report No.: W7L-221021W001RF02



Band2-9400-1000~20000MHz



Band2-9538-30~1000MHz

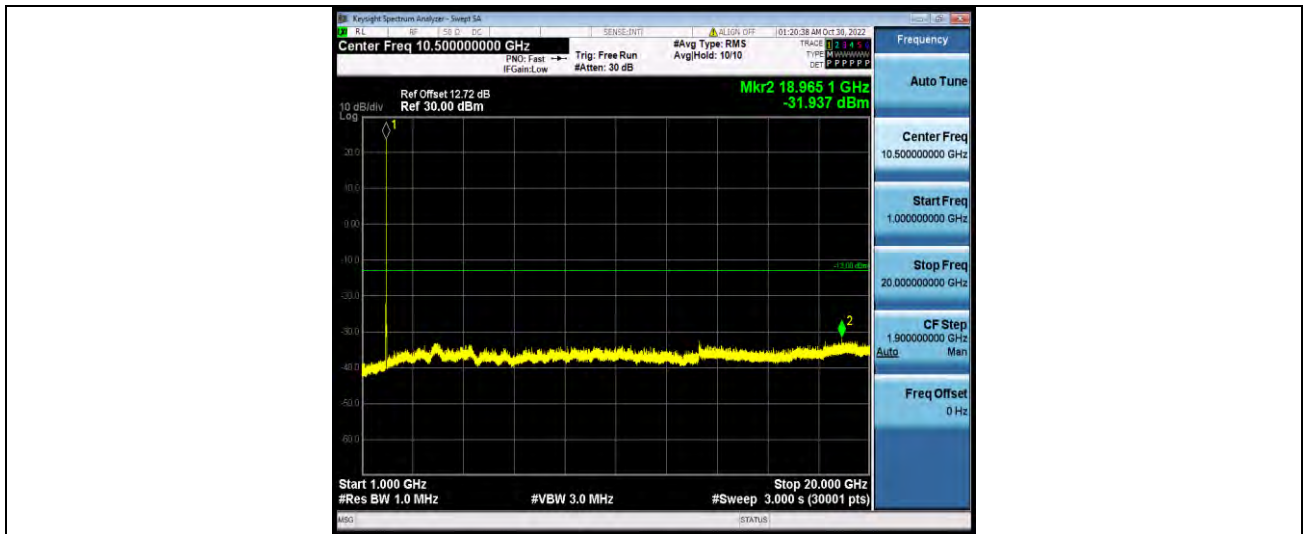


Band2-9538-1000~20000MHz



**BUREAU
VERITAS**

Test Report No.: W7L-221021W001RF02



FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	14.26	0.007698	±2.5	PASS
Band2	9262	VN	NT	12.97	0.007002	±2.5	PASS
Band2	9262	VH	NT	14.63	0.007898	±2.5	PASS
Band2	9400	VL	NT	11.43	0.006080	±2.5	PASS
Band2	9400	VN	NT	11.86	0.006309	±2.5	PASS
Band2	9400	VH	NT	11.75	0.006250	±2.5	PASS
Band2	9538	VL	NT	7.67	0.004021	±2.5	PASS
Band2	9538	VN	NT	7.36	0.003858	±2.5	PASS
Band2	9538	VH	NT	7.32	0.003837	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	14.82	0.008000	±2.5	PASS
Band2	9262	NV	-20	14.95	0.008071	±2.5	PASS
Band2	9262	NV	0	15.29	0.008254	±2.5	PASS
Band2	9262	NV	10	15.18	0.008195	±2.5	PASS
Band2	9262	NV	20	15.19	0.008200	±2.5	PASS
Band2	9262	NV	30	15.23	0.008222	±2.5	PASS
Band2	9262	NV	40	14.93	0.008060	±2.5	PASS
Band2	9262	NV	50	15.16	0.008184	±2.5	PASS
Band2	9400	NV	-30	11.58	0.006160	±2.5	PASS
Band2	9400	NV	-20	11.51	0.006122	±2.5	PASS



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VERITAS

Test Report No.: W7L-221021W001RF02

Band2	9400	NV	0	11.68	0.006213	±2.5	PASS
Band2	9400	NV	10	11.52	0.006128	±2.5	PASS
Band2	9400	NV	20	11.76	0.006255	±2.5	PASS
Band2	9400	NV	30	11.84	0.006298	±2.5	PASS
Band2	9400	NV	40	11.68	0.006213	±2.5	PASS
Band2	9400	NV	50	11.49	0.006112	±2.5	PASS
Band2	9538	NV	-30	7.54	0.003953	±2.5	PASS
Band2	9538	NV	-20	7.25	0.003801	±2.5	PASS
Band2	9538	NV	0	7.36	0.003858	±2.5	PASS
Band2	9538	NV	10	7.40	0.003879	±2.5	PASS
Band2	9538	NV	20	7.19	0.003769	±2.5	PASS
Band2	9538	NV	30	7.11	0.003727	±2.5	PASS
Band2	9538	NV	40	6.82	0.003575	±2.5	PASS
Band2	9538	NV	50	7.47	0.003916	±2.5	PASS



LTE BAND2

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	3.88	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.45	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3.67	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.05	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.67	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.02	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.60	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.30	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.35	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.00	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.15	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.80	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	3.76	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.46	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	3.61	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.08	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3.51	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.95	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.45	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.27	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.13	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.87	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.10	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.79	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	3.78	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.55	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	3.63	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.16	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	3.60	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.09	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.56	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.31	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.22	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.93	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.19	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.86	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	3.74	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.58	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	3.77	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.20	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3.64	13	PASS



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VERITAS

Test Report No.: W7L-221021W001RF02

Band2	10MHz	QPSK	19150	50RB#0	5.28	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.56	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.36	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.39	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.98	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.54	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.11	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3.74	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.74	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	3.60	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.37	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	3.71	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.59	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.42	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.40	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.25	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.09	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.52	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.24	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	3.69	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.47	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	3.63	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.17	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	3.67	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.41	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.46	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.23	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.36	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.00	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.46	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.20	13	PASS



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VERITAS

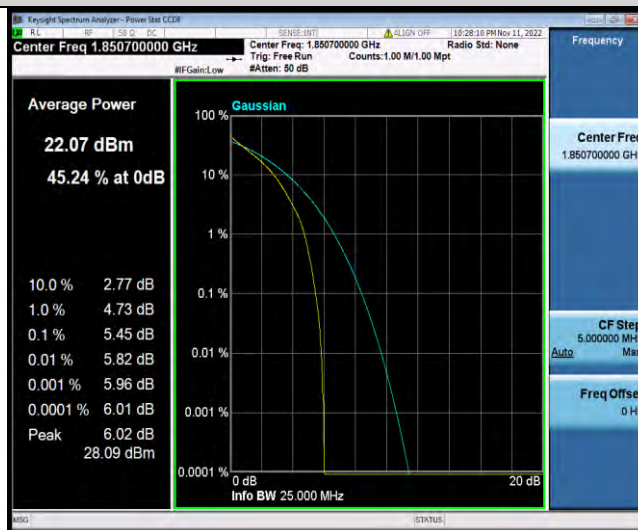
Test Report No.: W7L-221021W001RF02

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



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

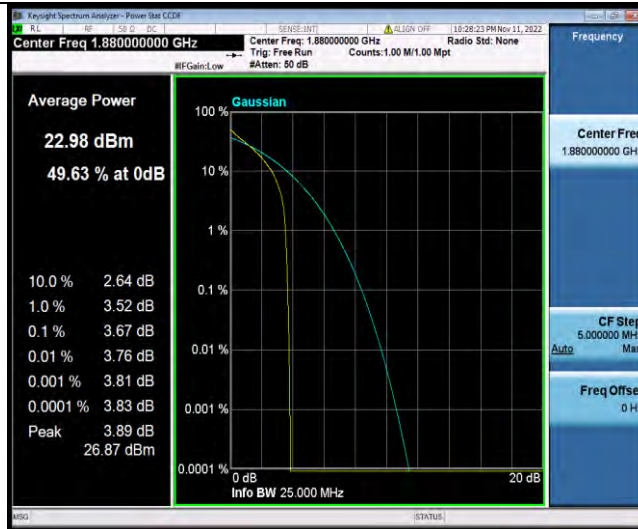


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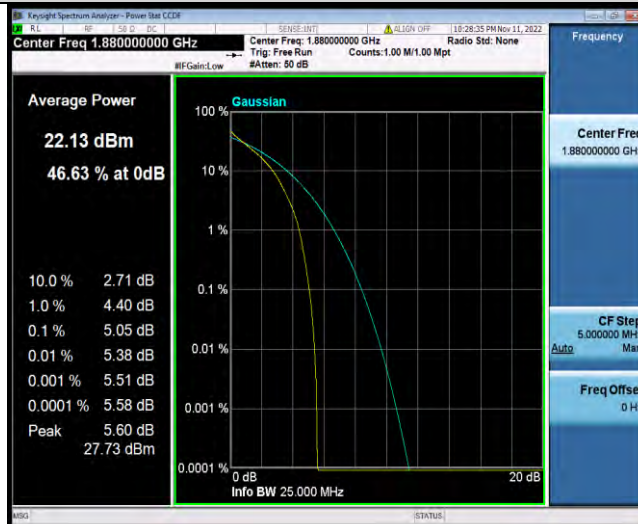


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VERITAS

Test Report No.: W7L-221021W001RF02



Band2-1.4MHz-QPSK-18900-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#0

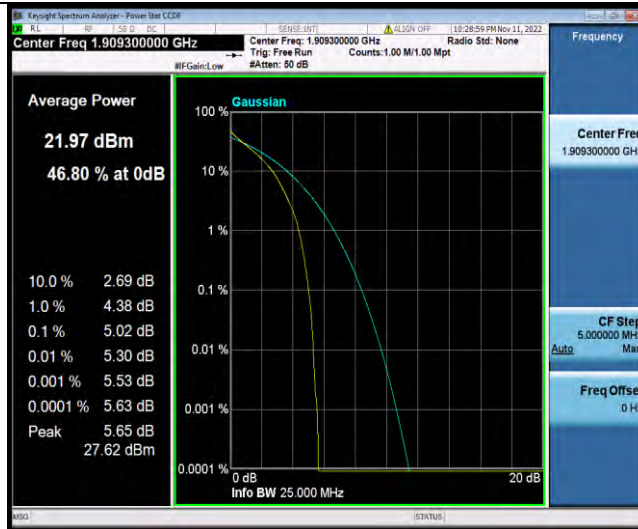


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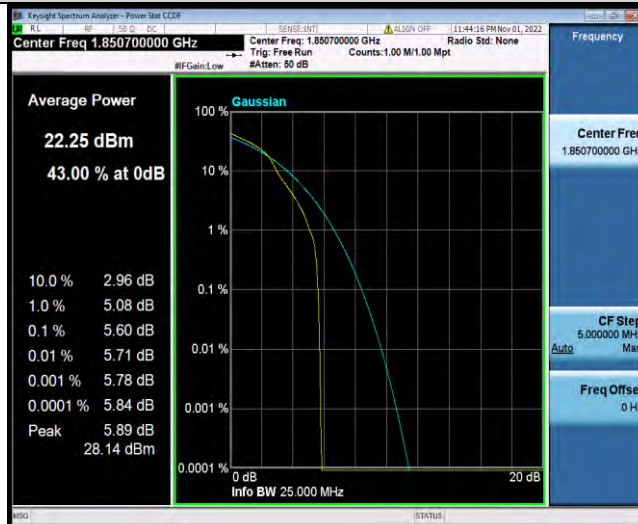


BUREAU VERITAS

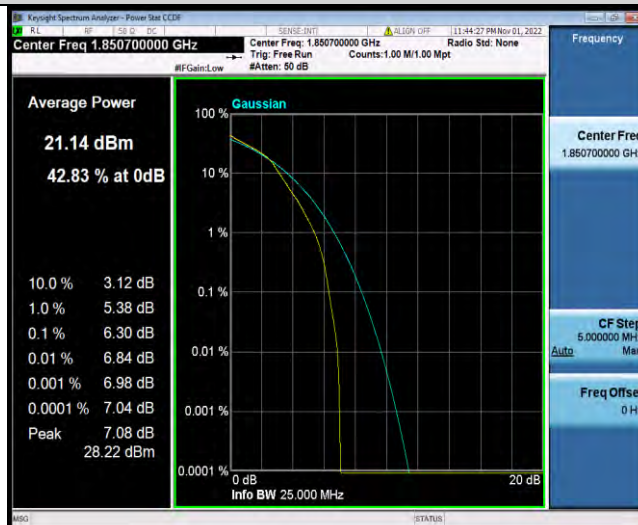
Test Report No.: W7L-221021W001RF02



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



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

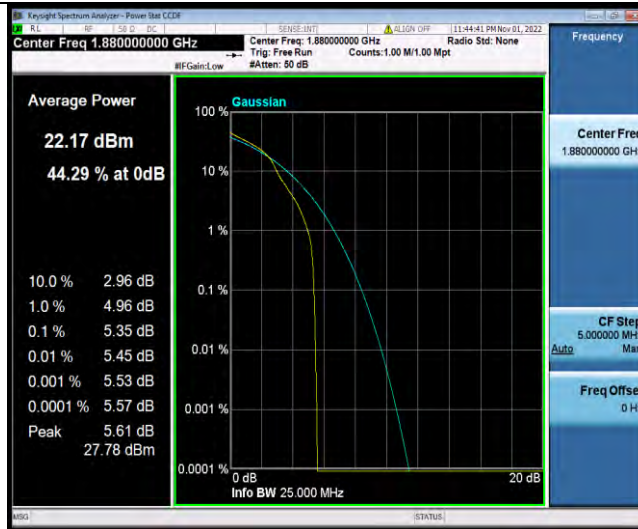


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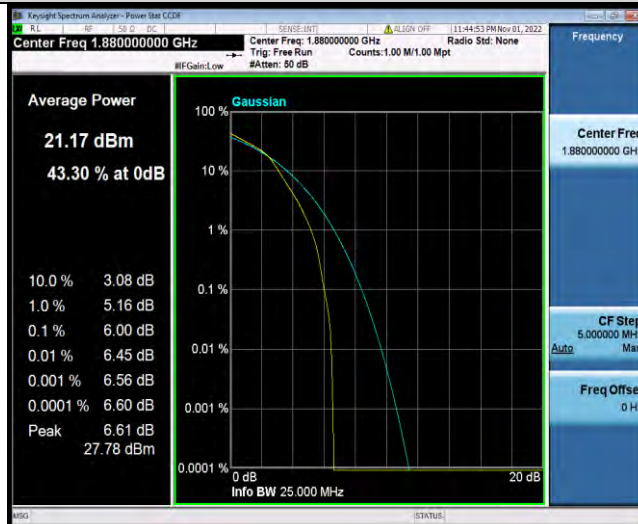


BUREAU VERITAS

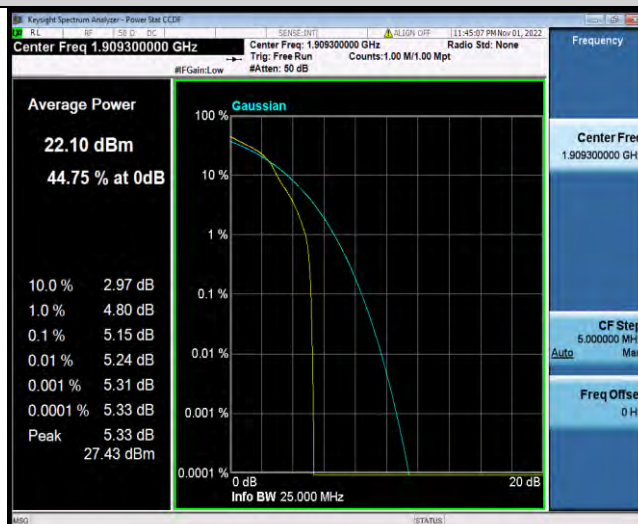
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Band2-1.4MHz-16QAM-18900-6RB#0



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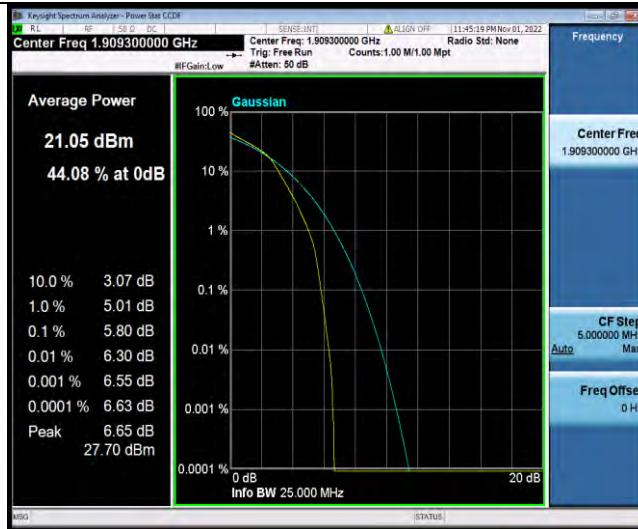


Band2-1.4MHz-16QAM-19193-6RB#0



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VERITAS

Test Report No.: W7L-221021W001RF02



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



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



Band2-3MHz-QPSK-18900-1RB#0

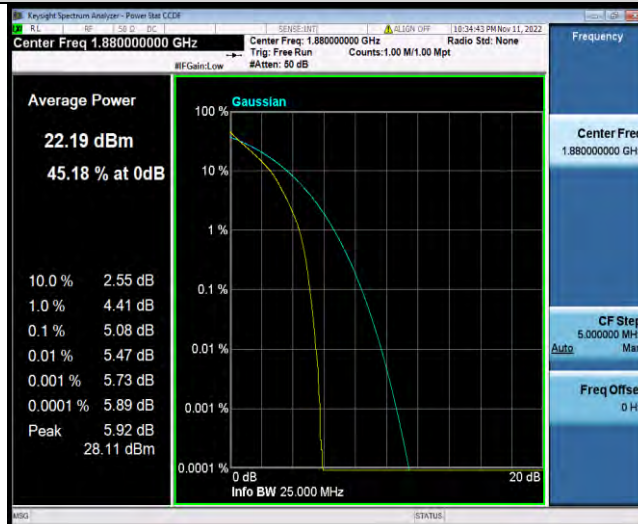


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



Band2-3MHz-QPSK-19185-1RB#0

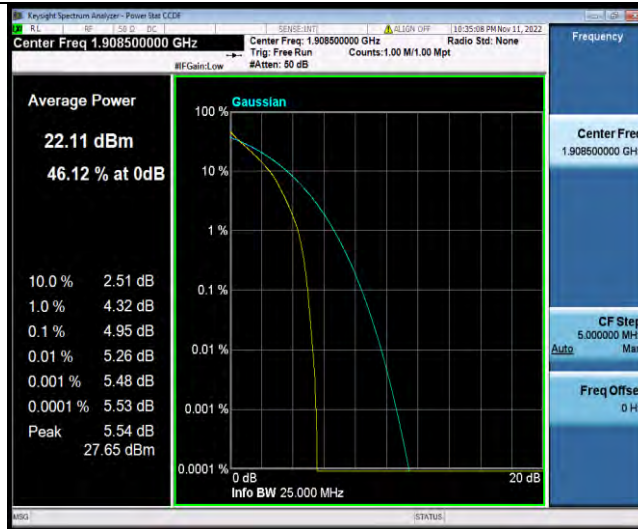


Band2-3MHz-QPSK-19185-15RB#0



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Test Report No.: W7L-221021W001RF02



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



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

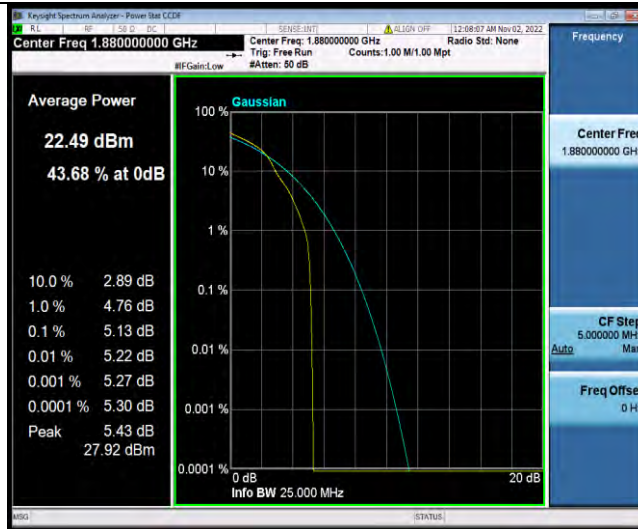


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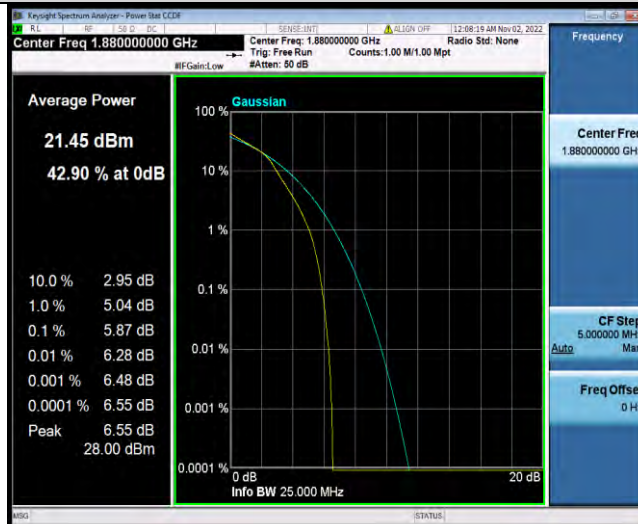


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



Band2-3MHz-16QAM-19185-1RB#0



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



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Test Report No.: W7L-221021W001RF02



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



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

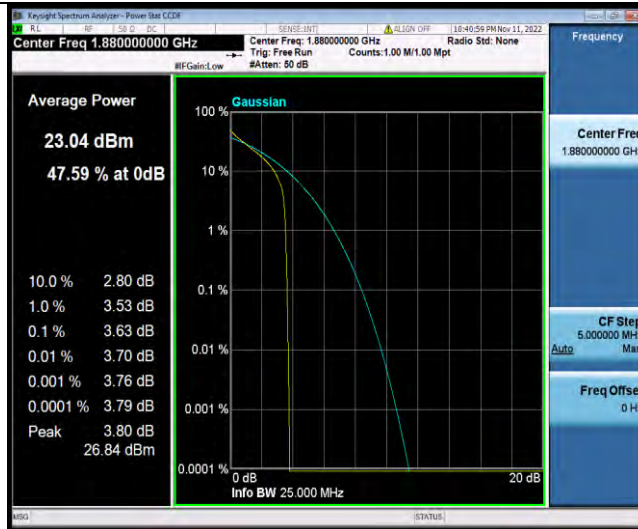


Band2-5MHz-QPSK-18900-1RB#0



BUREAU VERITAS

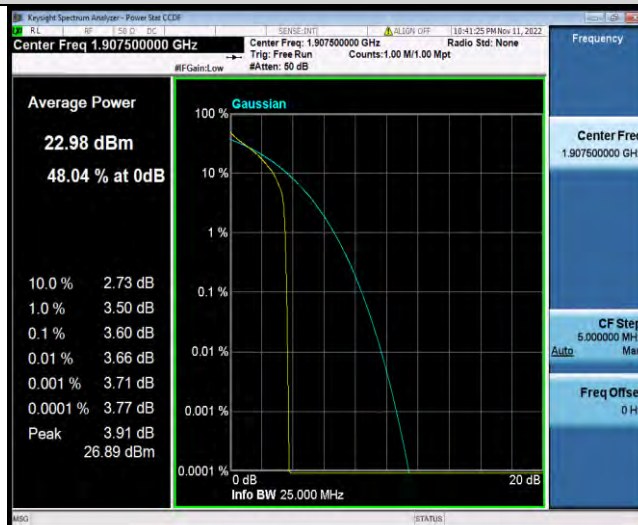
Test Report No.: W7L-221021W001RF02



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



Band2-5MHz-QPSK-19175-1RB#0

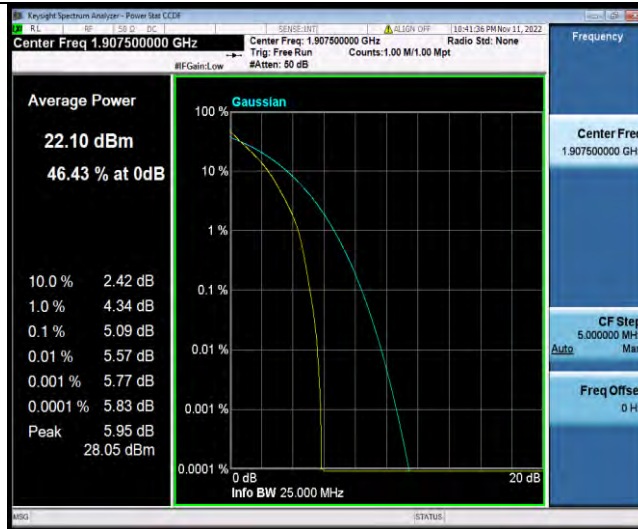


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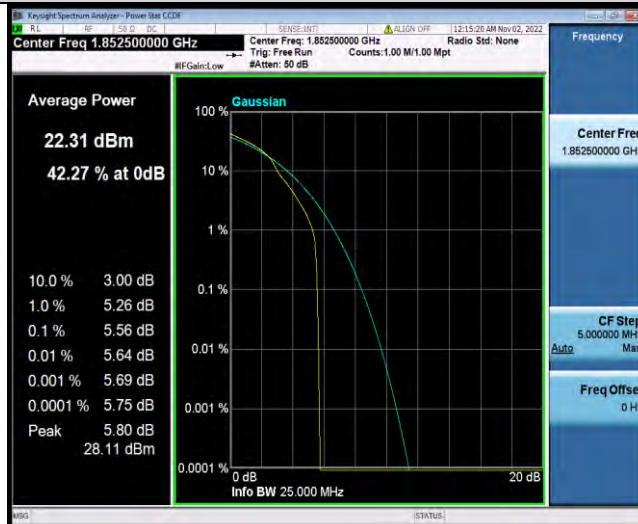


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VERITAS

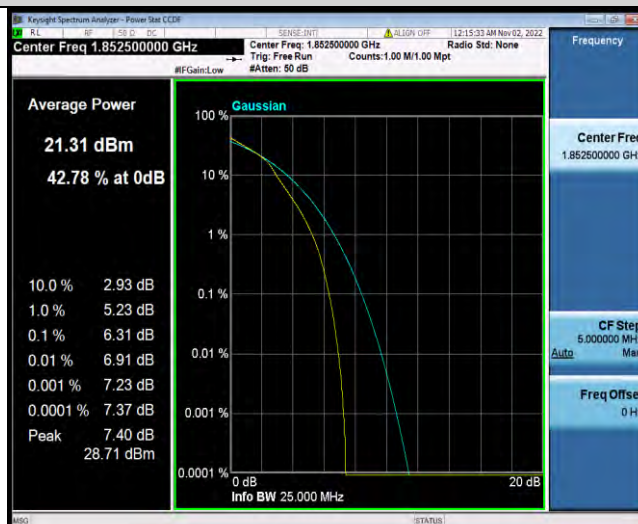
Test Report No.: W7L-221021W001RF02



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



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

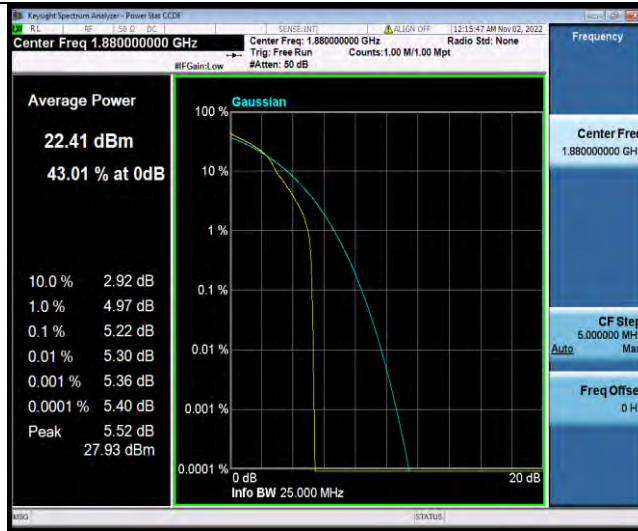


Band2-5MHz-16QAM-18900-1RB#0



BUREAU VERITAS

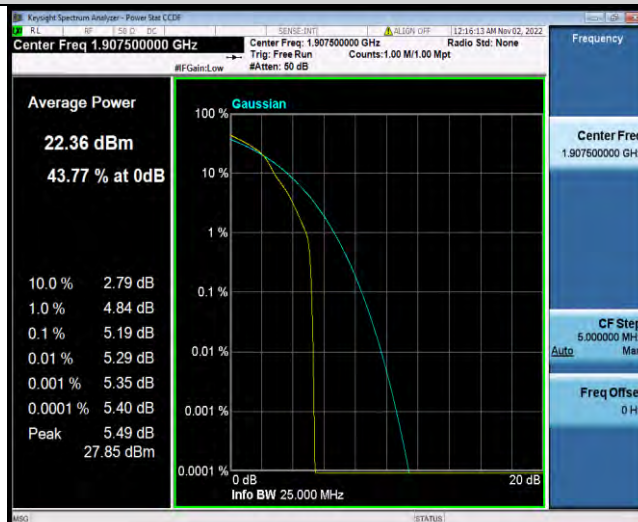
Test Report No.: W7L-221021W001RF02



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



Band2-5MHz-16QAM-19175-1RB#0

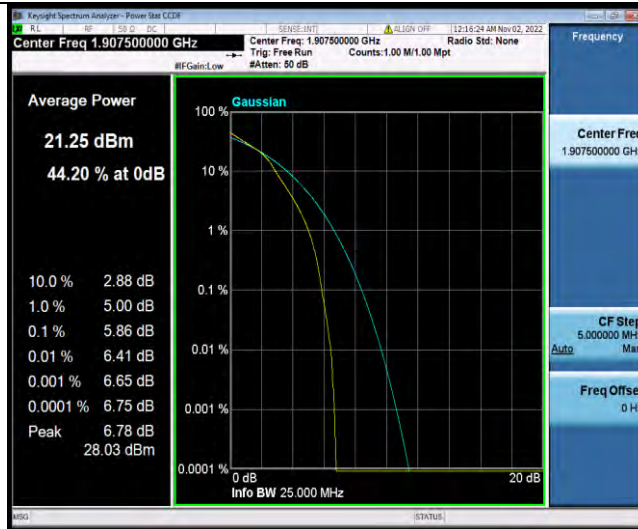


Band2-5MHz-16QAM-19175-25RB#0



BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



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

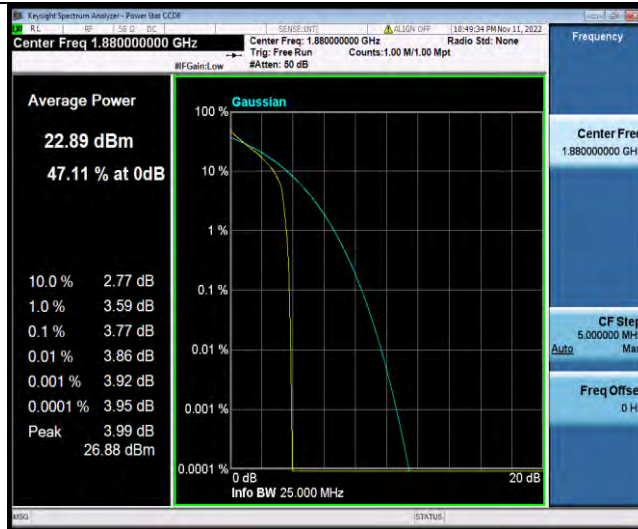


Band2-10MHz-QPSK-18900-1RB#0

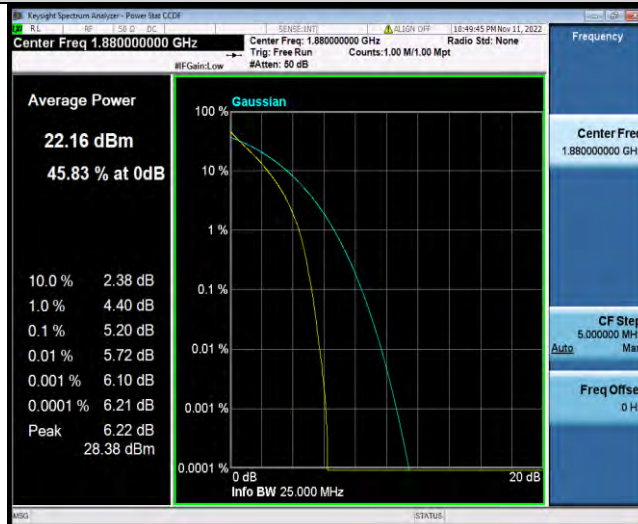


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



Band2-10MHz-QPSK-19150-1RB#0



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



BUREAU
VERITAS

Test Report No.: W7L-221021W001RF02



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



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



Band2-10MHz-16QAM-18900-1RB#0



BUREAU VERITAS

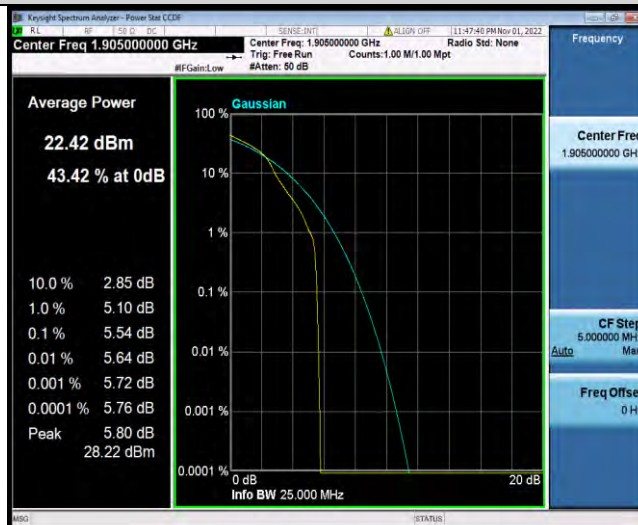
Test Report No.: W7L-221021W001RF02



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



Band2-10MHz-16QAM-19150-1RB#0



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

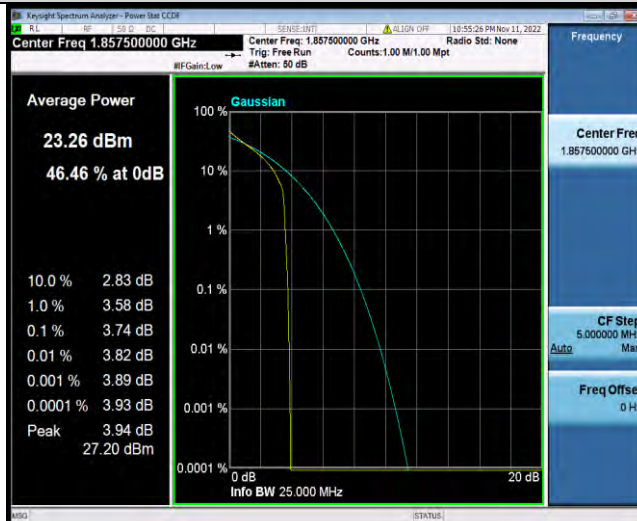


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



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

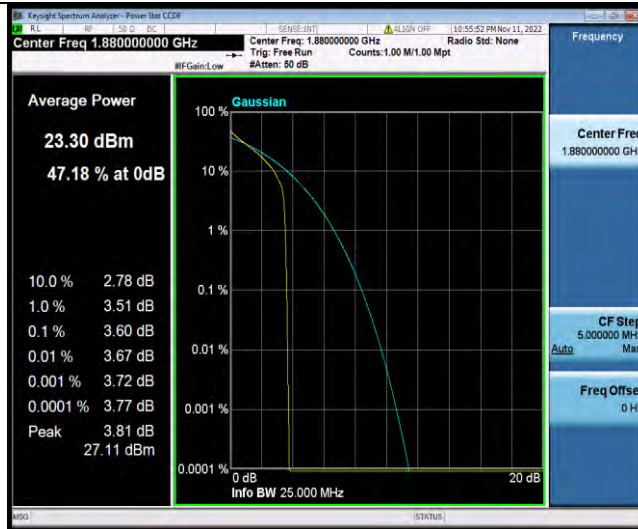


Band2-15MHz-QPSK-18900-1RB#0

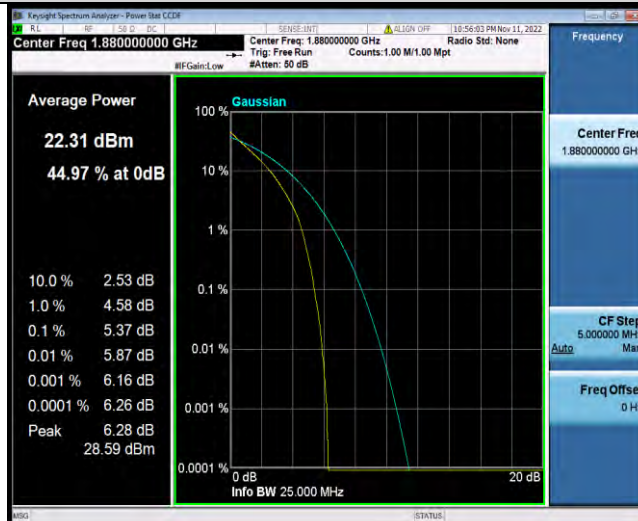


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



Band2-15MHz-QPSK-19125-1RB#0

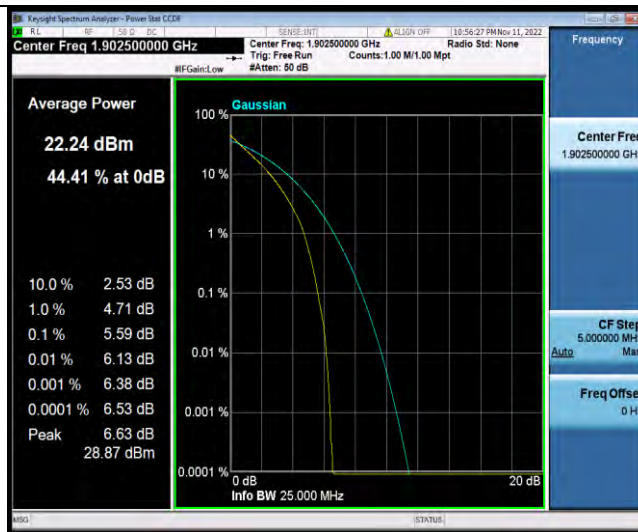


Band2-15MHz-QPSK-19125-75RB#0



BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



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

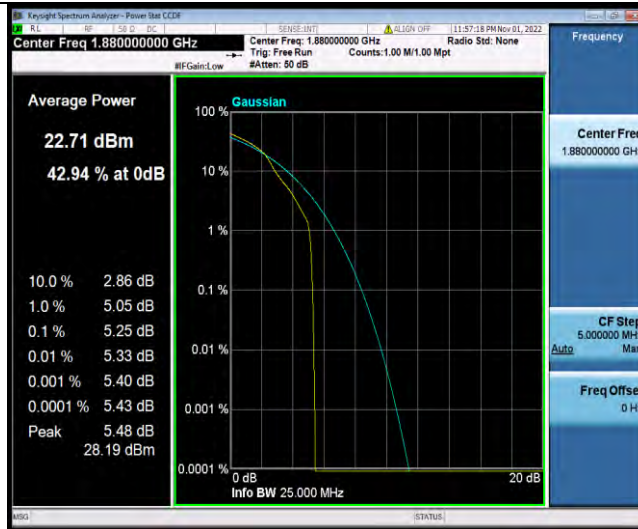


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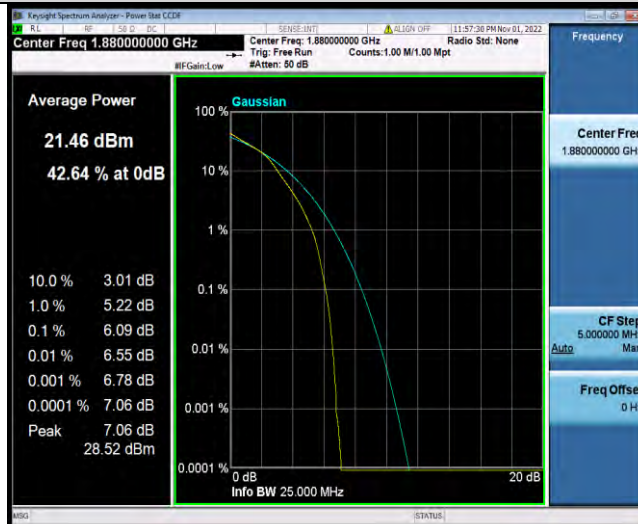


BUREAU VERITAS

Test Report No.: W7L-221021W001RF02



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



Band2-15MHz-16QAM-19125-1RB#0

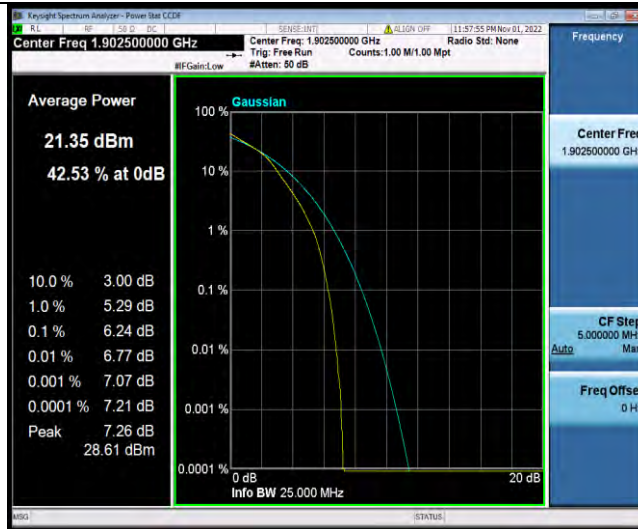


Band2-15MHz-16QAM-19125-75RB#0

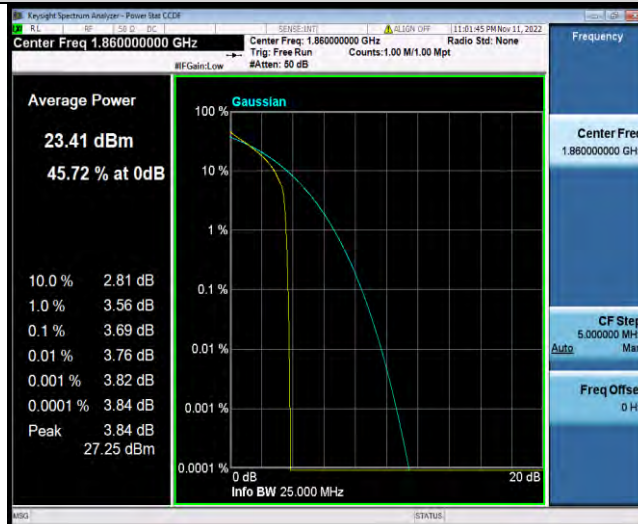


BUREAU VERITAS

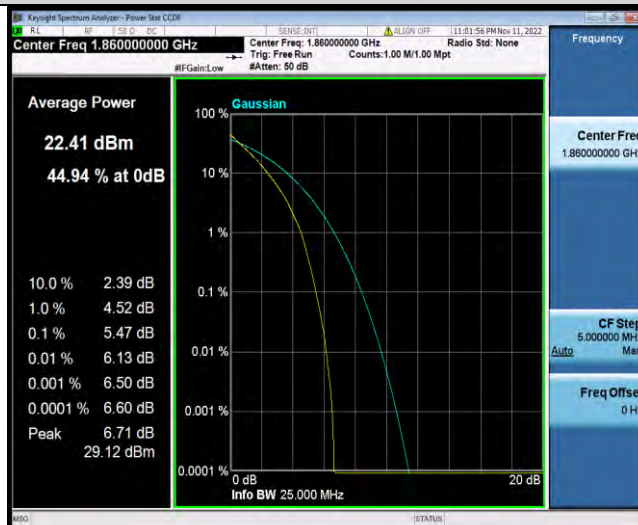
Test Report No.: W7L-221021W001RF02



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



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

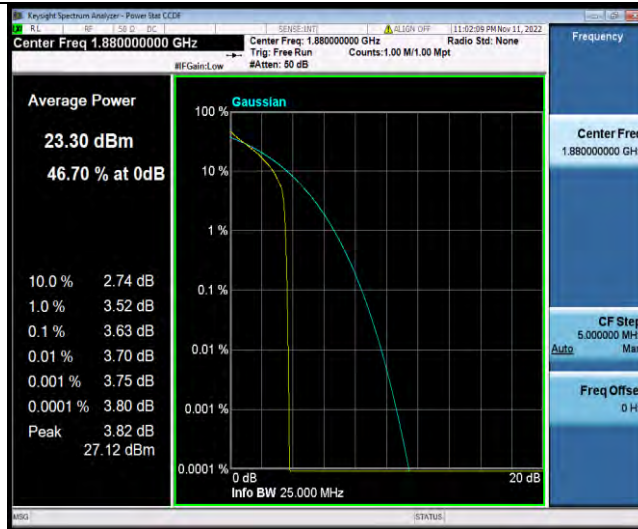


Band2-20MHz-QPSK-18900-1RB#0

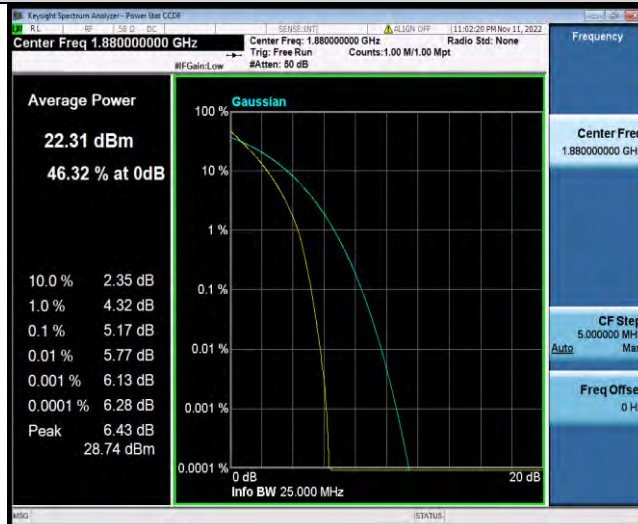


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Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-1RB#0

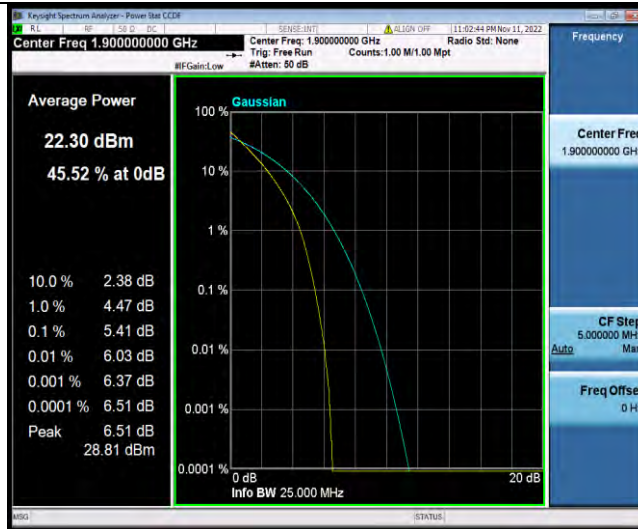


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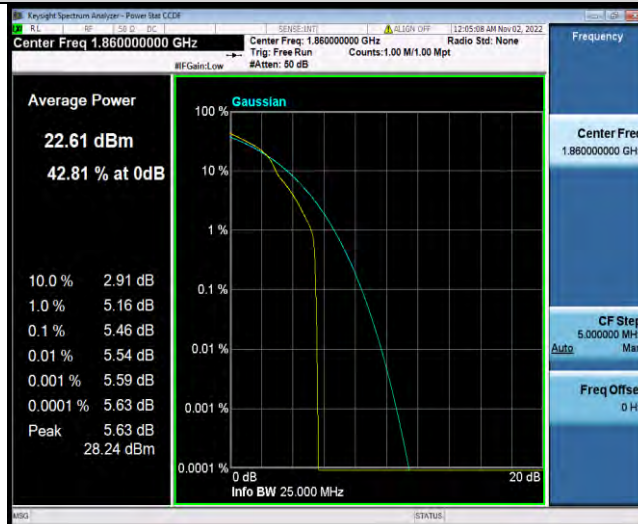


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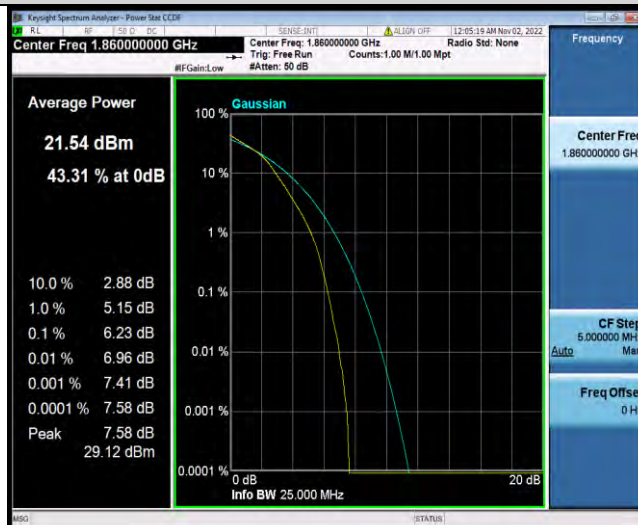
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Band2-20MHz-16QAM-18700-1RB#0



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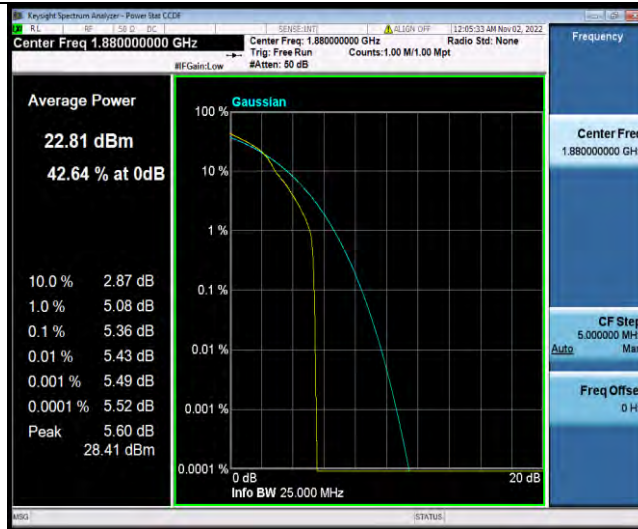


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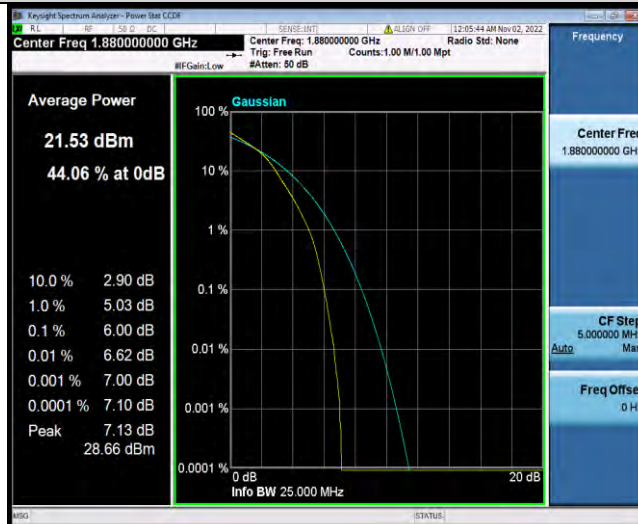


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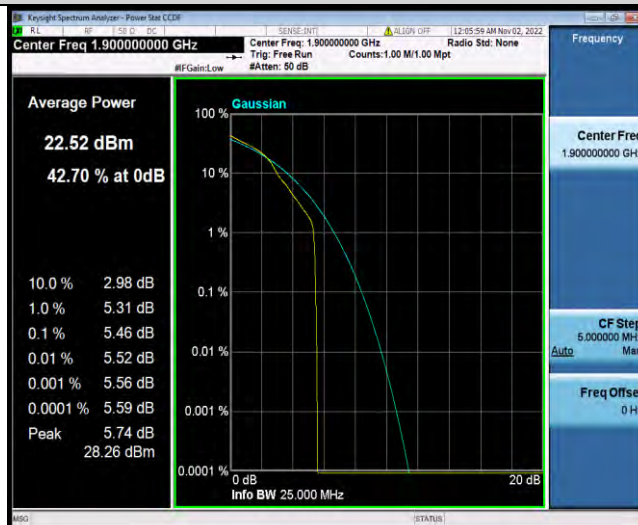
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Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-1RB#0



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