

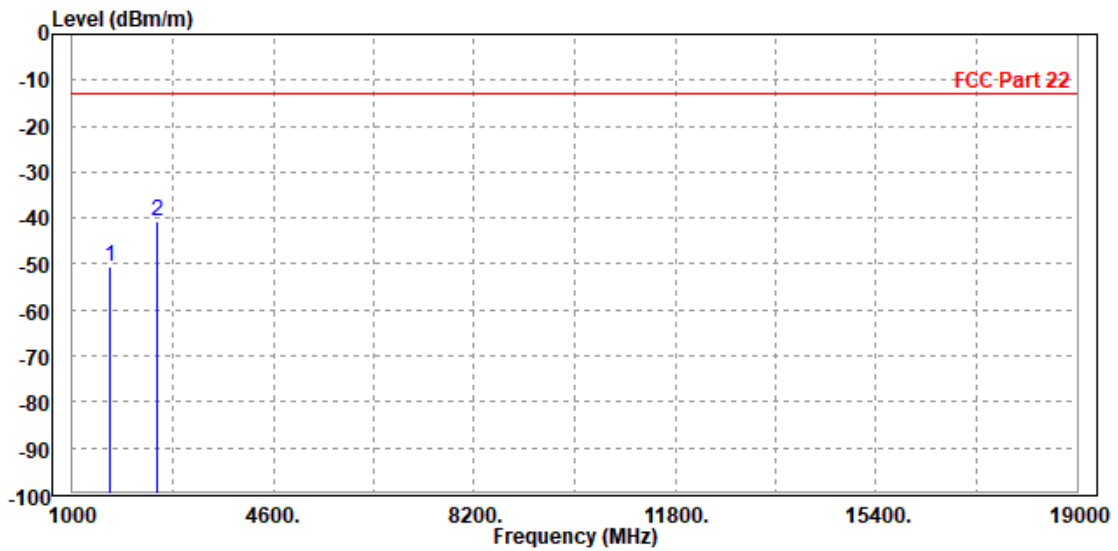


**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04

MODE	TX channel 20525	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	1666.000	-50.60	-54.14	-13.00	-37.60	3.54	Peak	Vertical
2	PP 2509.500	-40.78	-47.88	-13.00	-27.78	7.10	Peak	Vertical





**BUREAU
VERITAS**

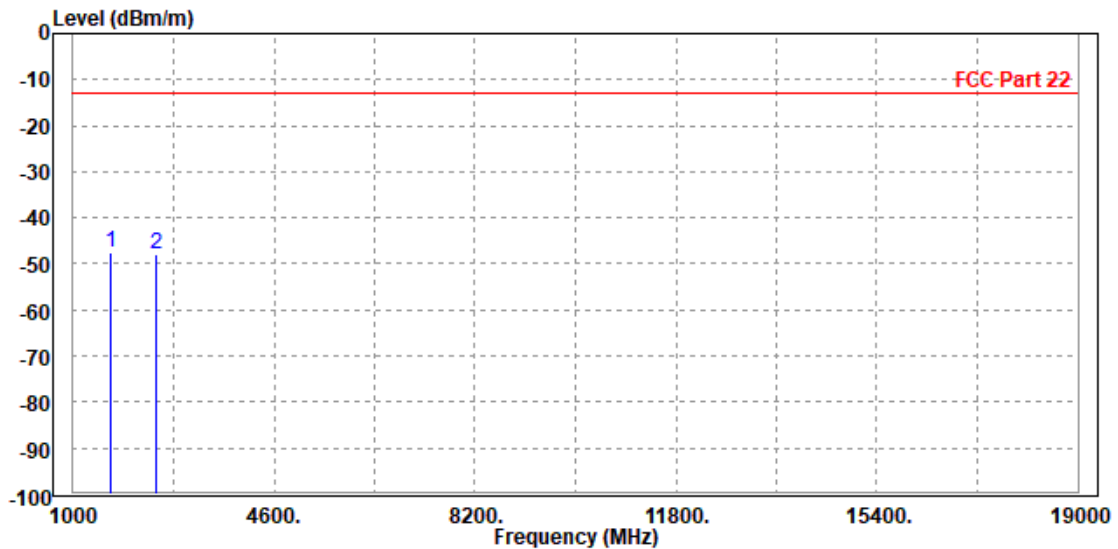
Test Report No.: W7L-P22090015-1RF04

CHANNEL BANDWIDTH: 10MHz / QPSK

CH 20450

MODE	TX channel 20450	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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 1666.000	-47.51	-50.98	-13.00	-34.51	3.47	Peak	Horizontal
2	2487.000	-48.06	-56.10	-13.00	-35.06	8.04	Peak	Horizontal



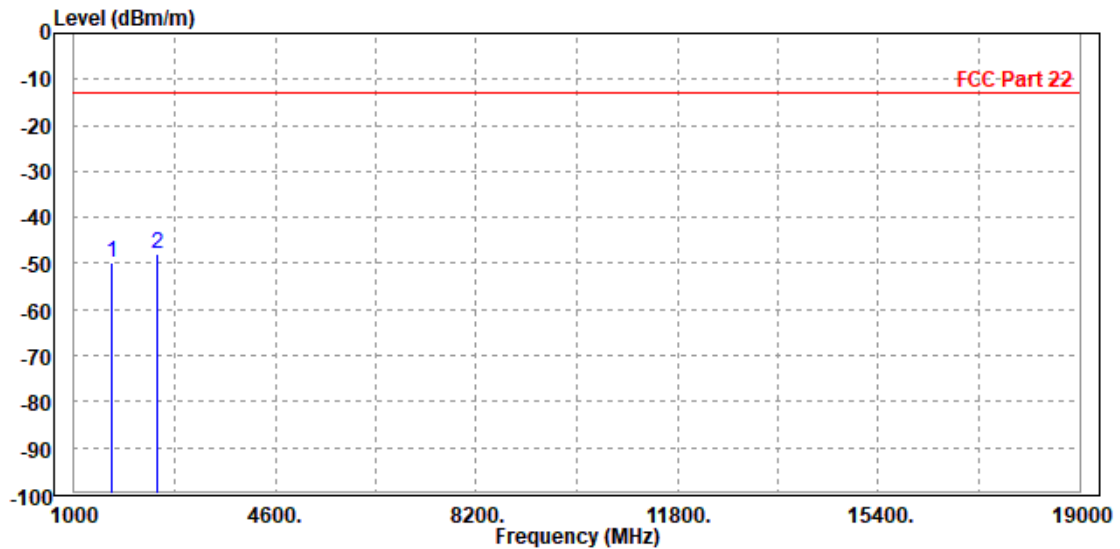


**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04

MODE	TX channel 20450	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	1666.000	-49.94	-53.48	-13.00	-36.94	3.54	Peak	Vertical
2	PP 2487.000	-48.09	-55.14	-13.00	-35.09	7.05	Peak	Vertical





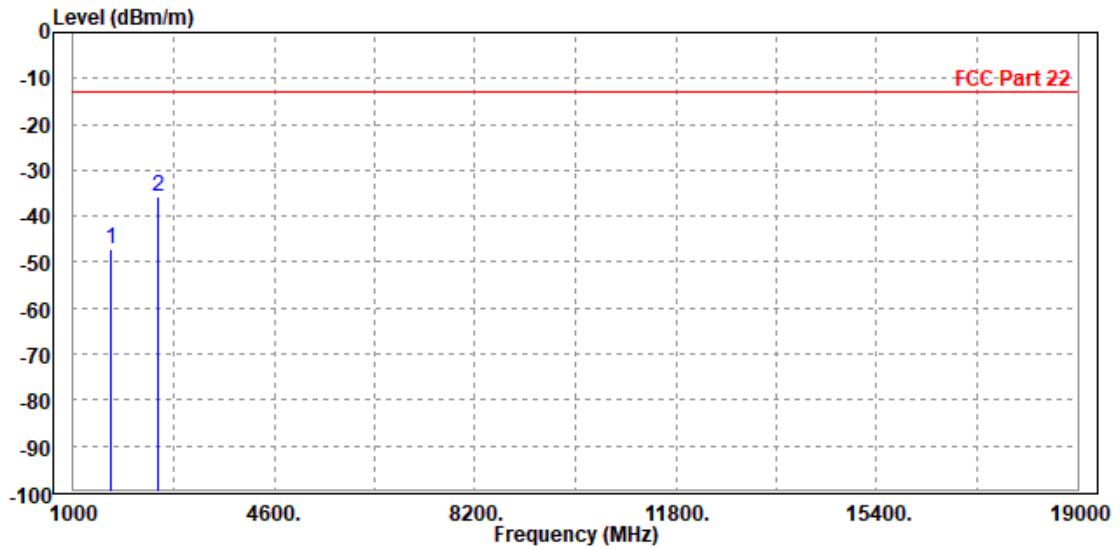
BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF04

CH 20525

MODE	TX channel 20525	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	1666.000	-46.97	-50.44	-13.00	-33.97	3.47	Peak	Horizontal
2 PP	2509.500	-35.62	-43.68	-13.00	-22.62	8.06	Peak	Horizontal



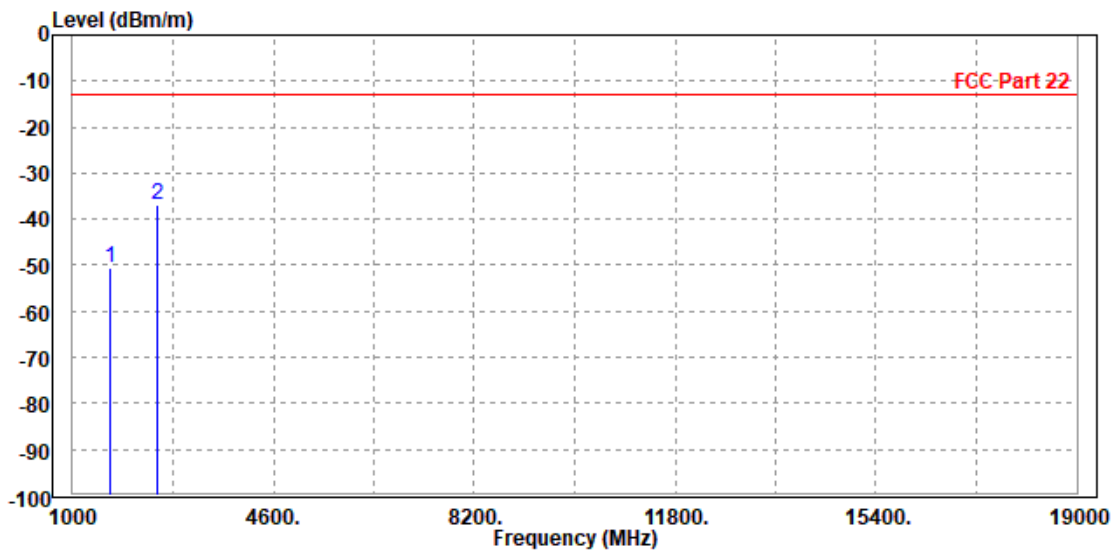


**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04

MODE	TX channel 20525	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	1666.000	-50.72	-54.26	-13.00	-37.72	3.54	Peak	Vertical
2 PP	2509.500	-36.70	-43.80	-13.00	-23.70	7.10	Peak	Vertical





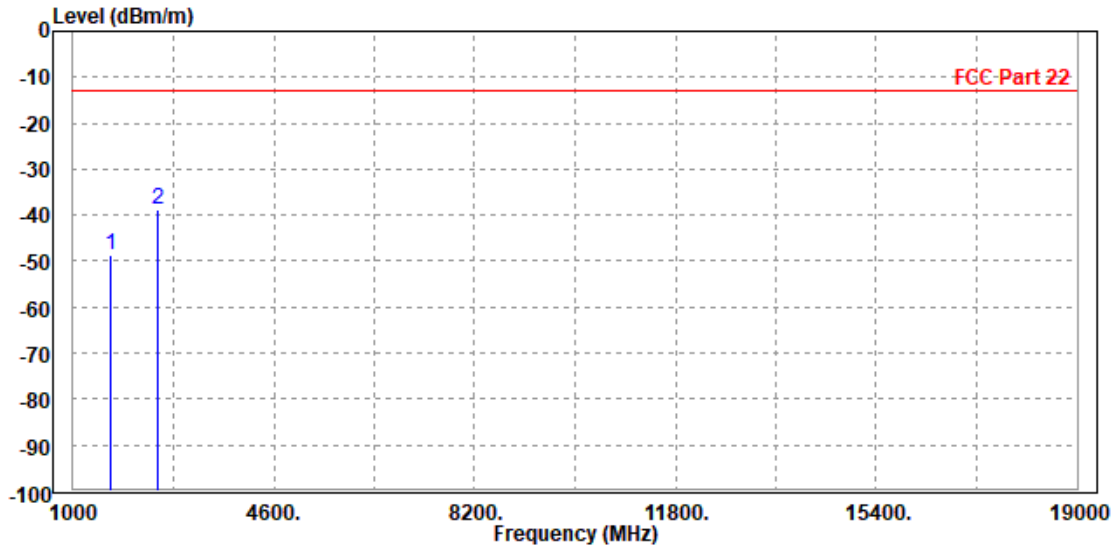
BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF04

CH 20600

MODE	TX channel 20600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	1684.000	-48.85	-52.54	-13.00	-35.85	3.69	Peak	Horizontal
2 PP	2532.000	-38.64	-46.73	-13.00	-25.64	8.09	Peak	Horizontal



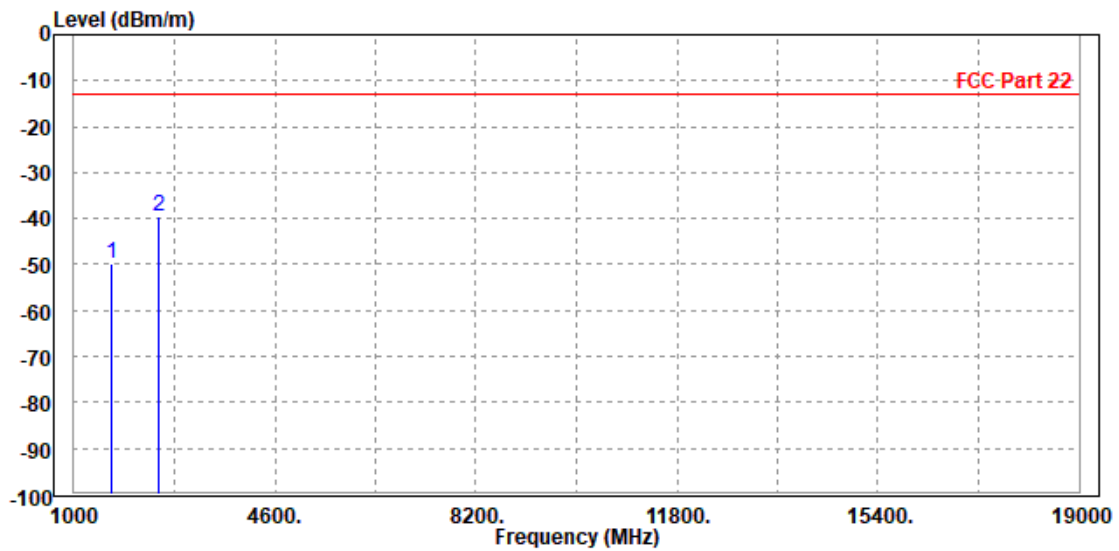


**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04

MODE	TX channel 20600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
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	1684.000	-49.72	-53.43	-13.00	-36.72	3.71	Peak	Vertical
2 PP	2532.000	-39.68	-46.85	-13.00	-26.68	7.17	Peak	Vertical

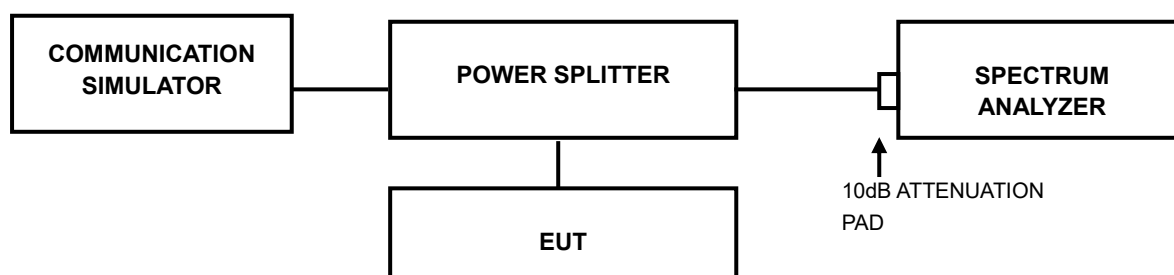


3.7 PEAK TO AVERAGE RATIO

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-P22090015-1RF04

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



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4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



Test Report No.: W7L-P22090015-1RF04

5 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-P22090015-1RF04

6 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.



7 APPENDIX

APPENDIX A: GSM 850

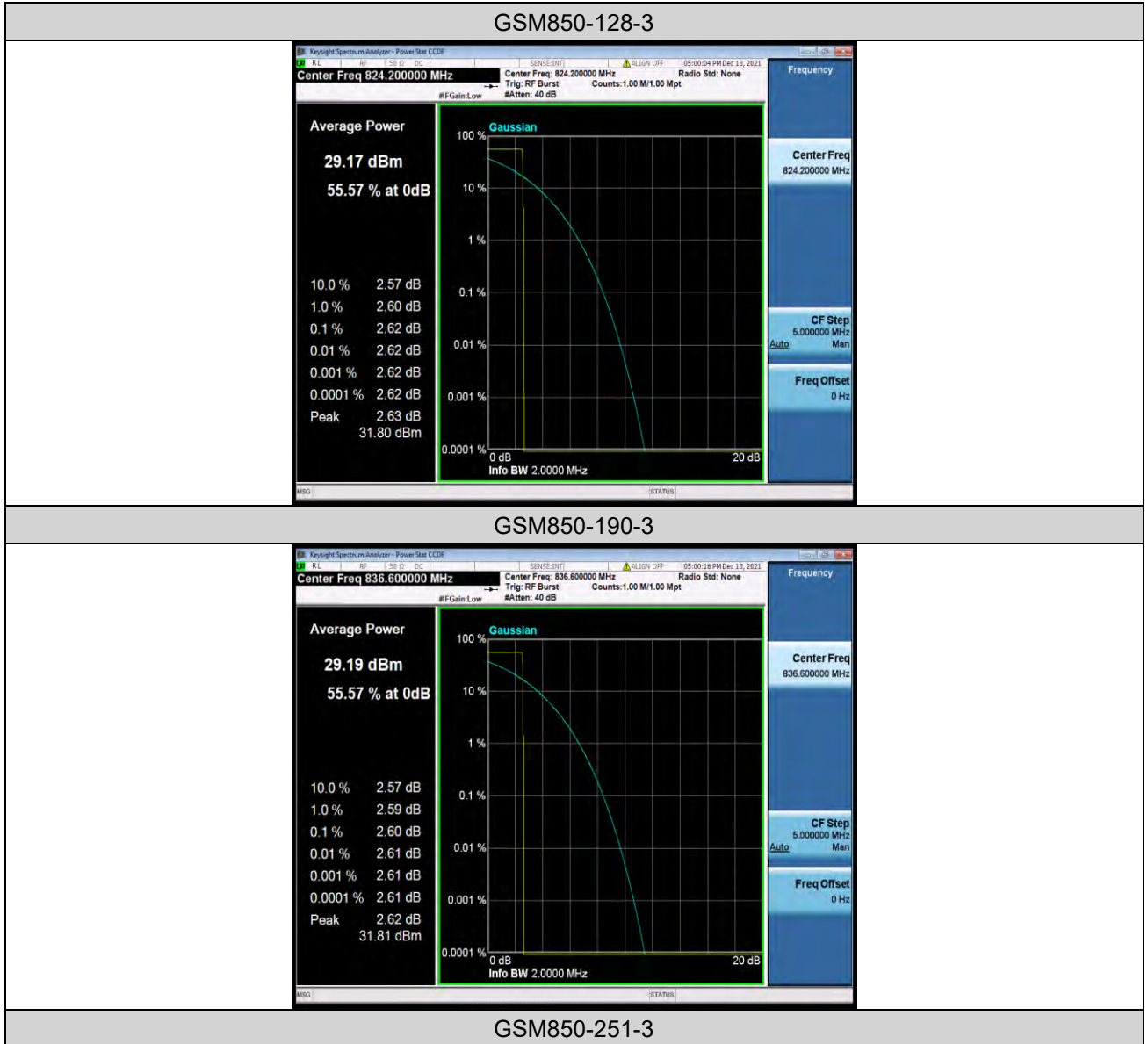
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	2.62	13	PASS
GSM850	190	2.60	13	PASS
GSM850	251	2.61	13	PASS
EGPRS850	128	5.32	13	PASS
EGPRS850	190	5.58	13	PASS
EGPRS850	251	5.31	13	PASS



Test Graphs



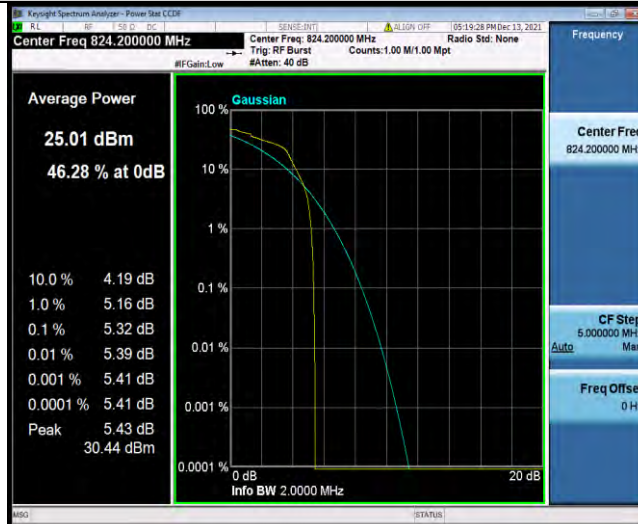


BUREAU VERITAS

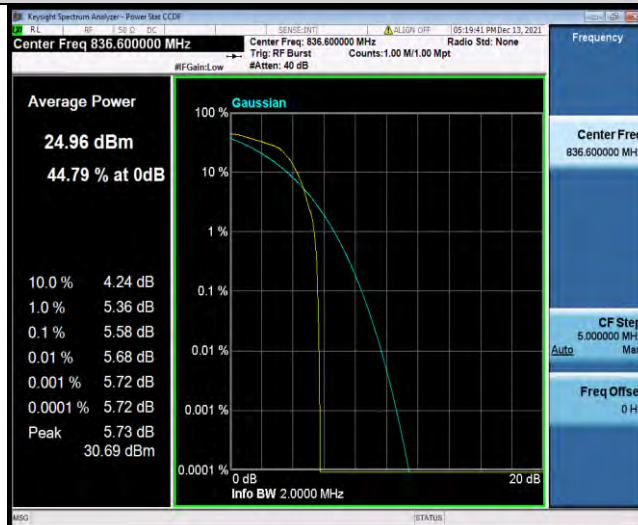
Test Report No.: W7L-P22090015-1RF04



EGPRS850-128-8



EGPRS850-190-8

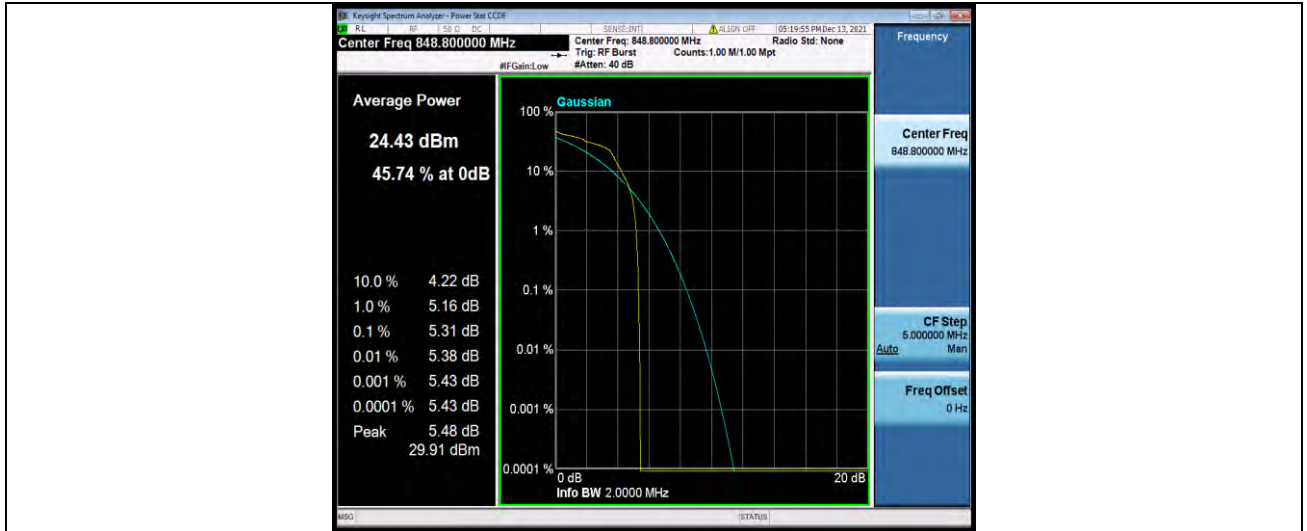


EGPRS850-251-8



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26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

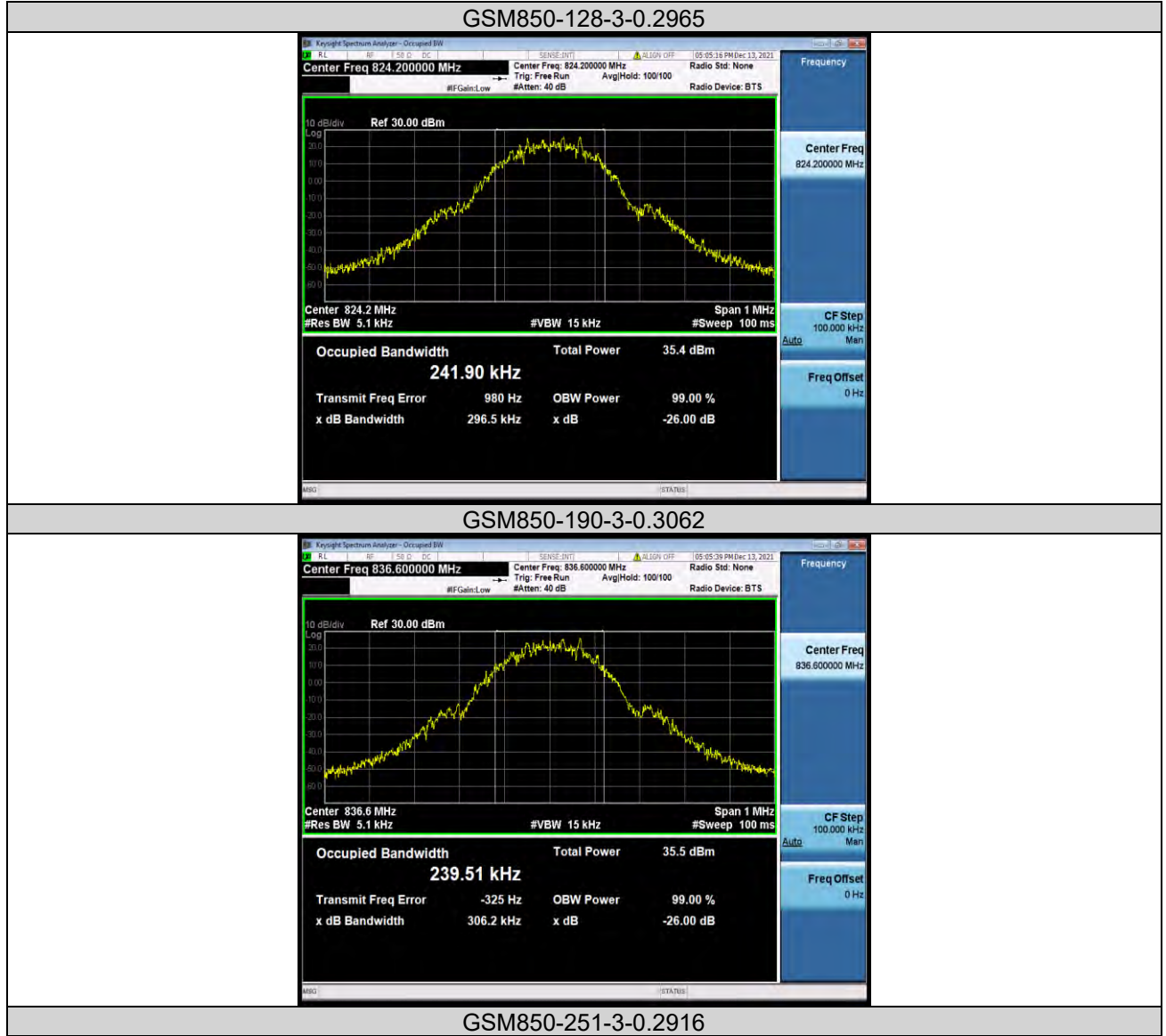
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24190	0.2965	---	PASS
GSM850	190	0.23951	0.3062	---	PASS
GSM850	251	0.24517	0.2916	---	PASS
EGPRS850	128	0.24796	0.3115	---	PASS
EGPRS850	190	0.24728	0.3119	---	PASS
EGPRS850	251	0.24720	0.3144	---	PASS



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VERITAS

Test Report No.: W7L-P22090015-1RF04

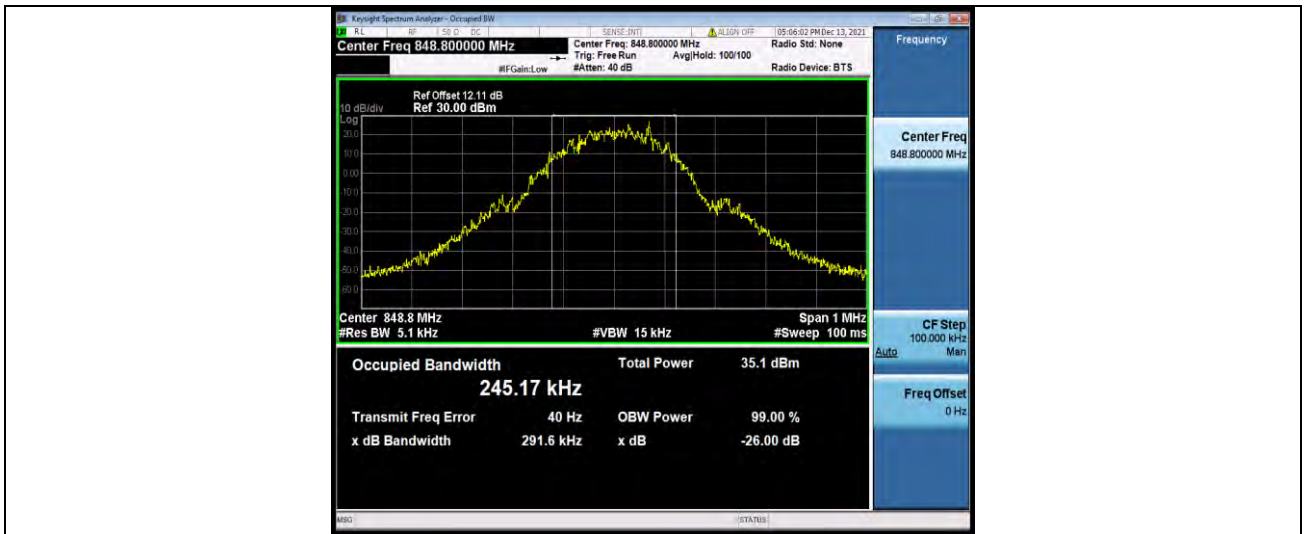
Test Graphs



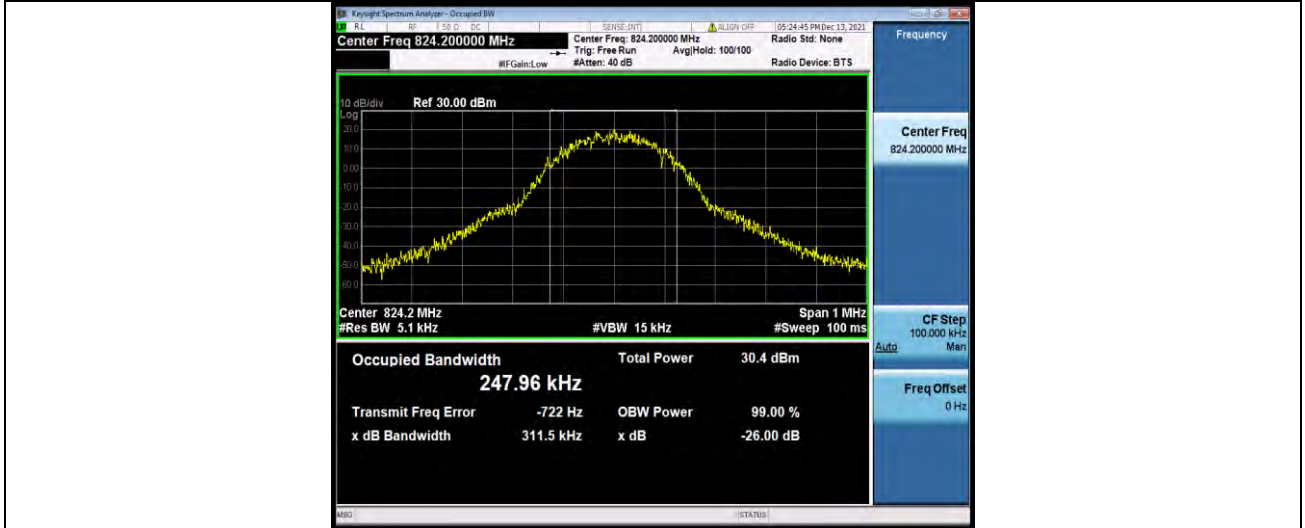


BUREAU VERITAS

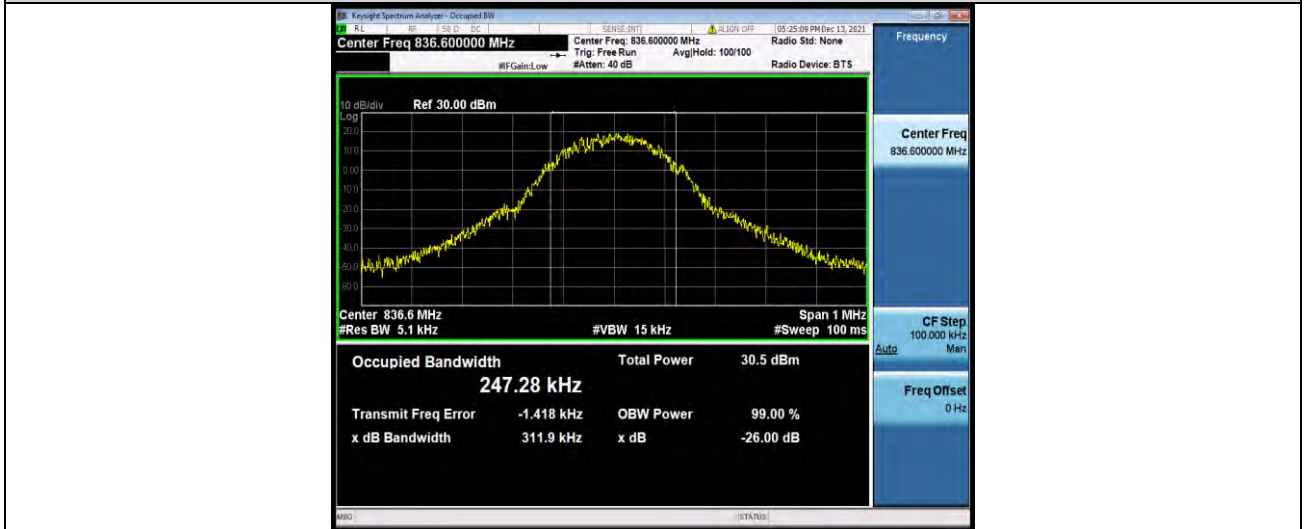
Test Report No.: W7L-P22090015-1RF04



EGPRS850-128-8-0.3115



EGPRS850-190-8-0.3119

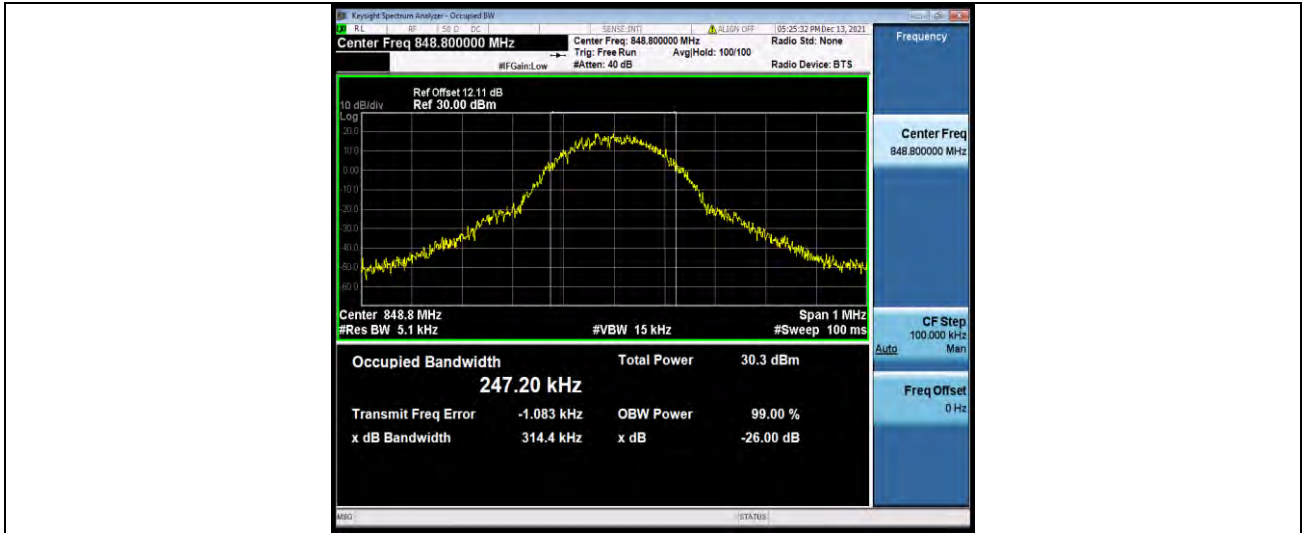


EGPRS850-251-8-0.3144



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Test Report No.: W7L-P22090015-1RF04





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Test Report No.: W7L-P22090015-1RF04

BAND EDGE

Test Result

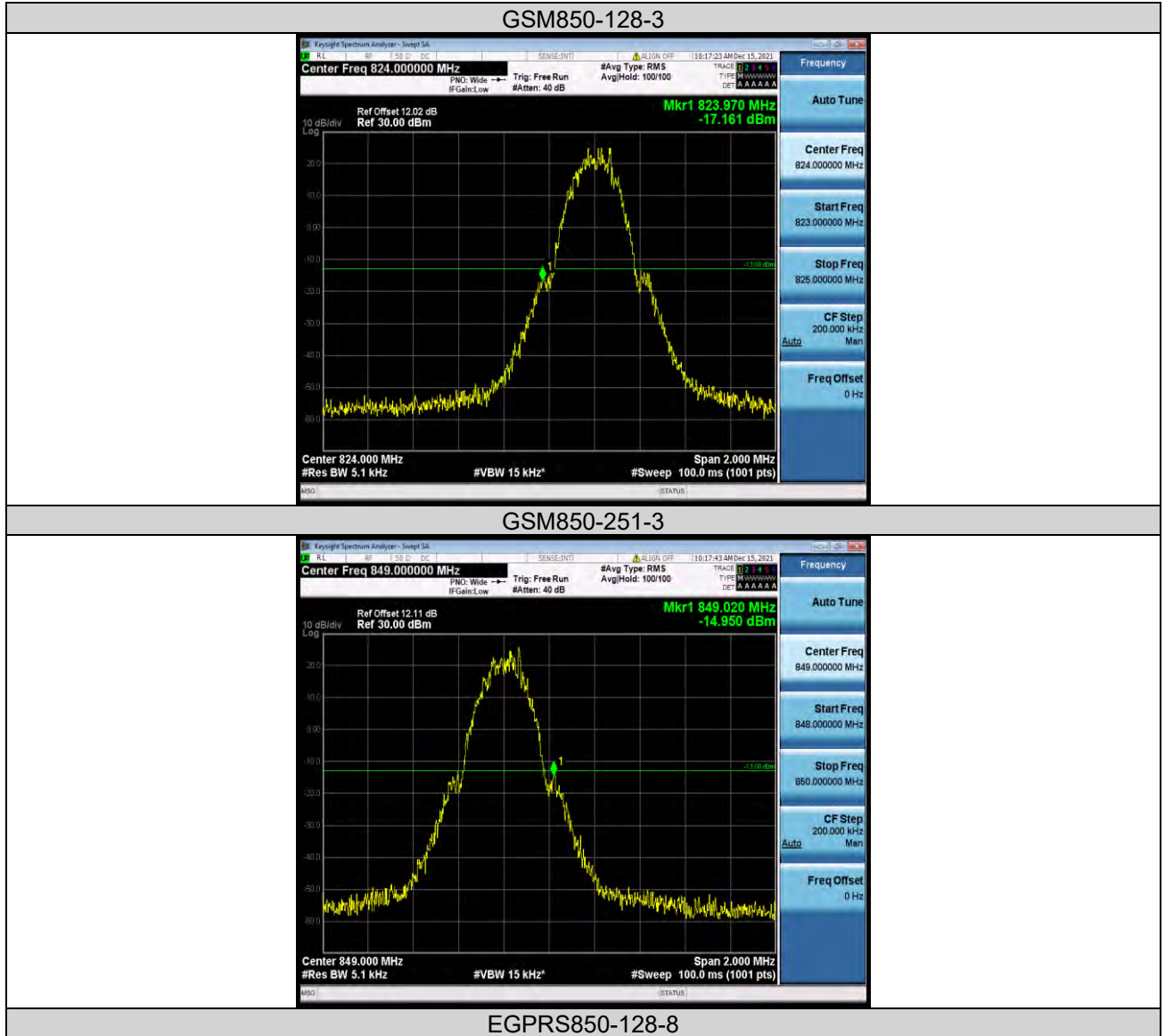
Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.97	-17.16	-13	PASS
GSM850	251	849.02	-14.95	-13	PASS
EGPRS850	128	824.00	-16.26	-13	PASS
EGPRS850	251	849.01	-19.89	-13	PASS



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VERITAS

Test Report No.: W7L-P22090015-1RF04

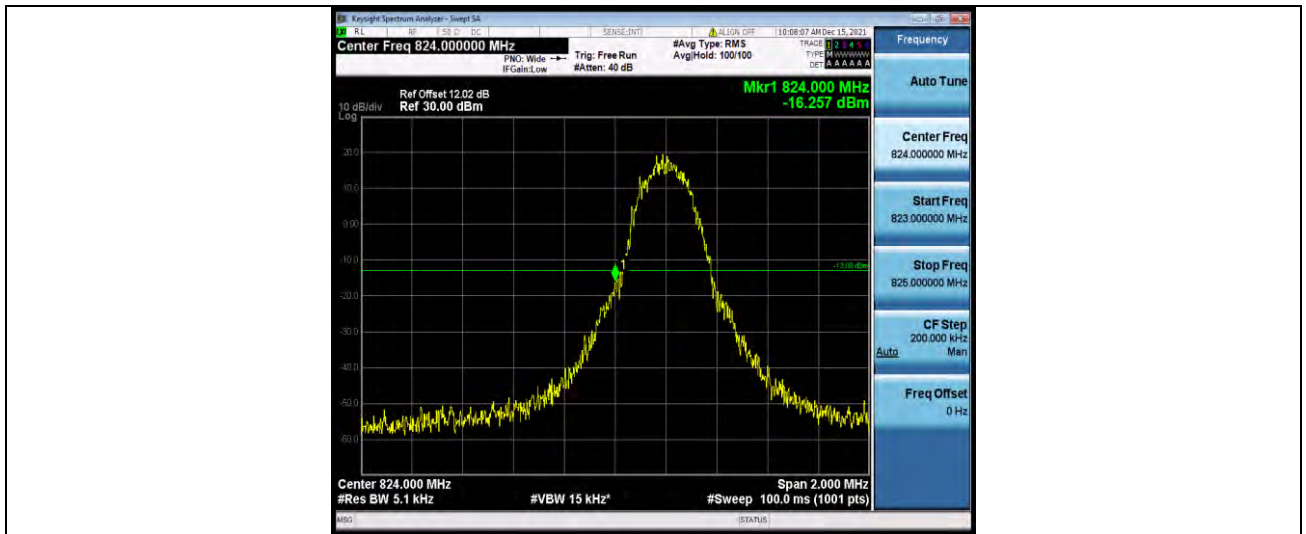
Test Graphs



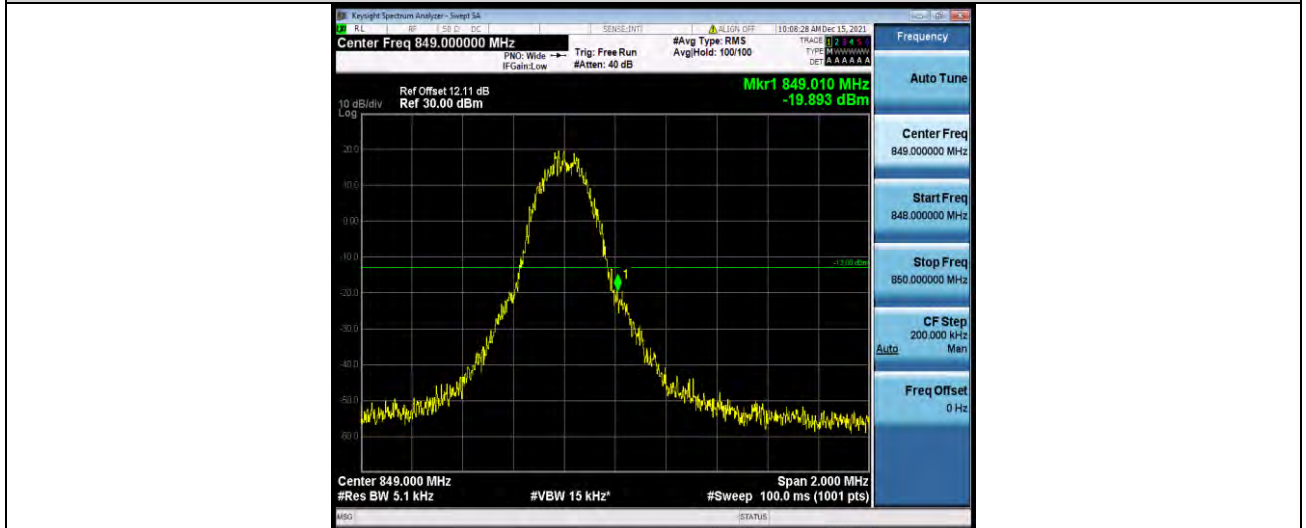


BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF04



EGPRS850-251-8





CONDUCTED SPURIOUS EMISSION

Test Result

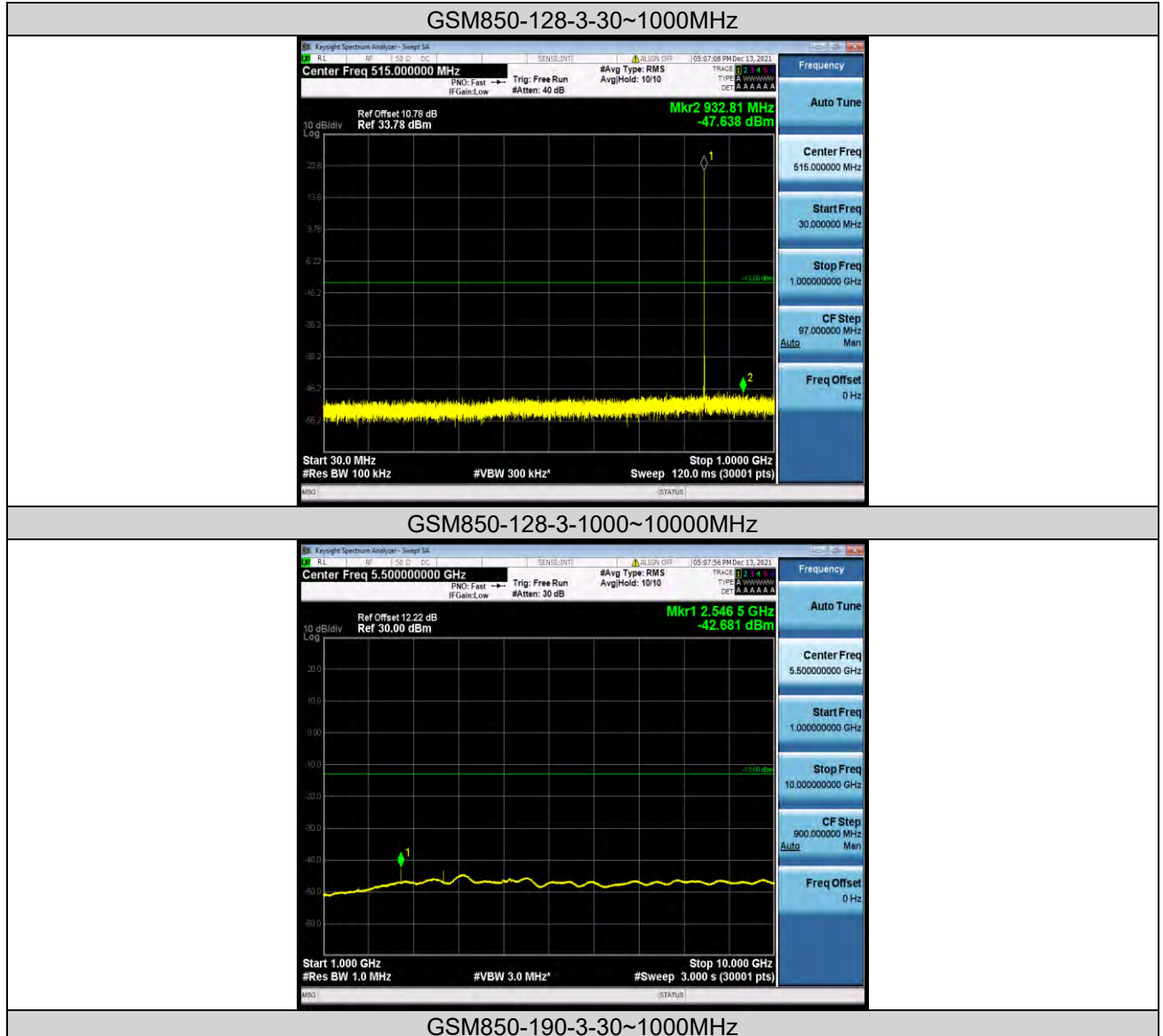
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	30~1000MHz	932.81	-47.64	-13	PASS
GSM850	128	1000~10000MHz	2546.5	-42.68	-13	PASS
GSM850	190	30~1000MHz	950.43	-47.95	-13	PASS
GSM850	190	1000~10000MHz	2546.5	-43.59	-13	PASS
GSM850	251	30~1000MHz	950.95	-47.75	-13	PASS
GSM850	251	1000~10000MHz	2546.8	-42.22	-13	PASS
EGPRS850	128	30~1000MHz	964.21	-47.88	-13	PASS
EGPRS850	128	1000~10000MHz	3803.8	-44.51	-13	PASS
EGPRS850	190	30~1000MHz	946.29	-47.68	-13	PASS
EGPRS850	190	1000~10000MHz	3796.6	-44.53	-13	PASS
EGPRS850	251	30~1000MHz	961.78	-48.16	-13	PASS
EGPRS850	251	1000~10000MHz	3763.3	-44.48	-13	PASS



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VERITAS

Test Report No.: W7L-P22090015-1RF04

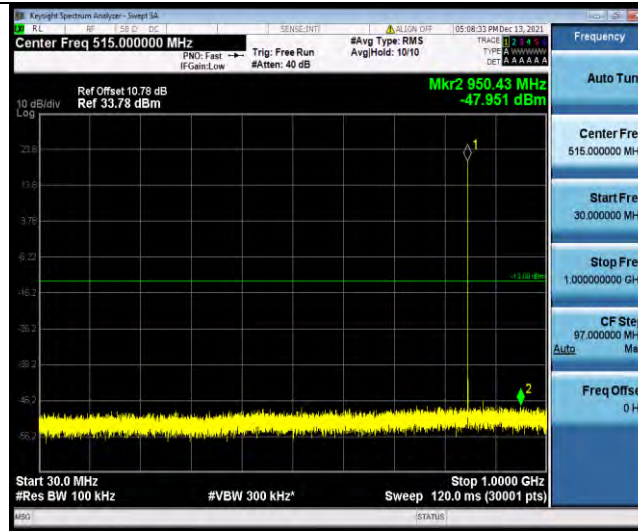
Test Graphs





BUREAU VERITAS

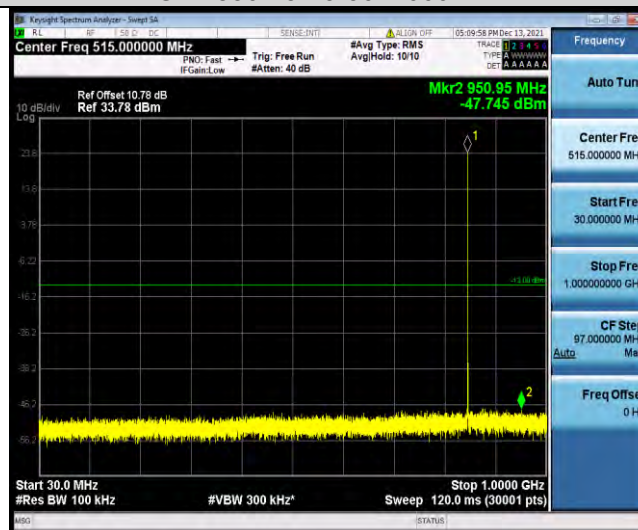
Test Report No.: W7L-P22090015-1RF04



GSM850-190-3-1000~10000MHz



GSM850-251-3-30~1000MHz

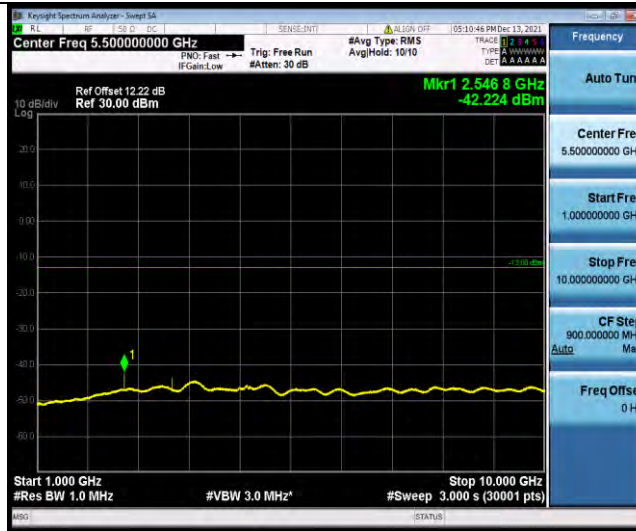


GSM850-251-3-1000~10000MHz



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EGPRS850-128-8-30~1000MHz



EGPRS850-128-8-1000~10000MHz

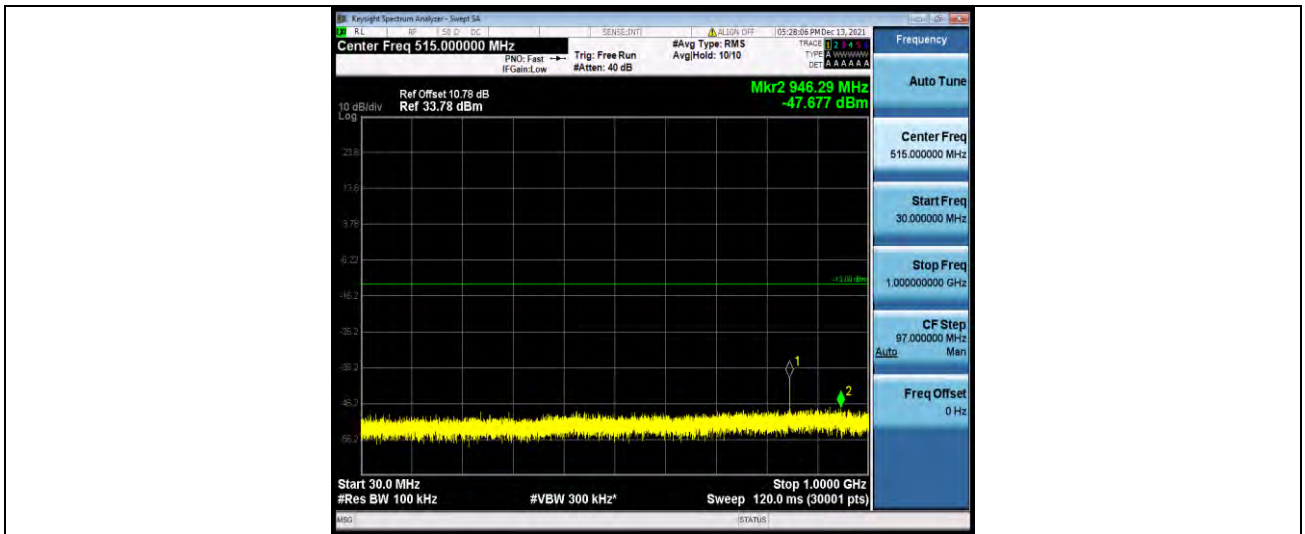


EGPRS850-190-8-30~1000MHz

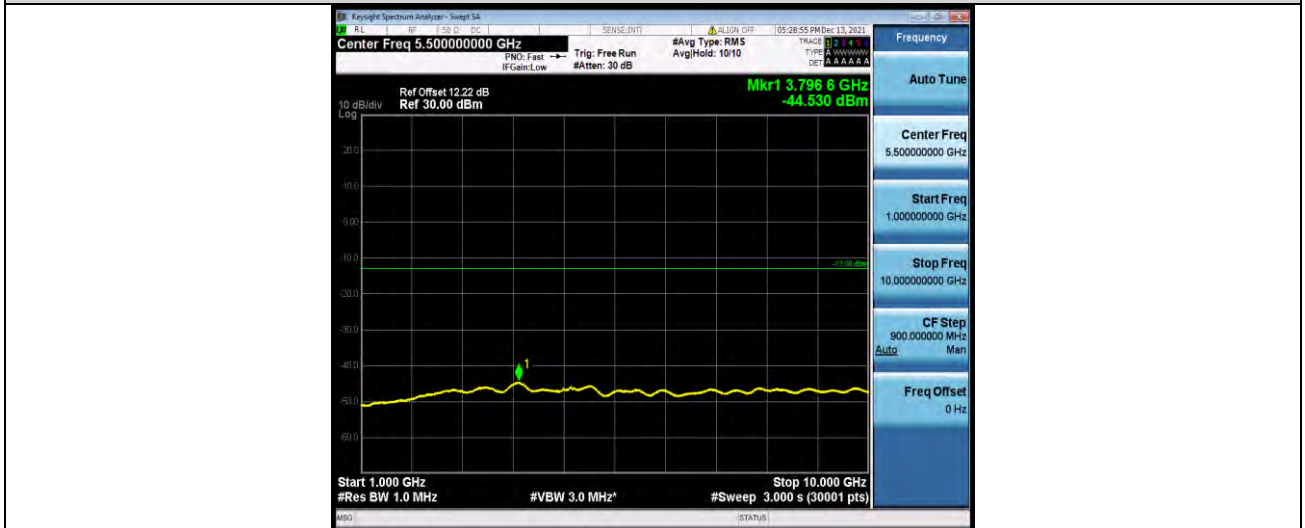


BUREAU VERITAS

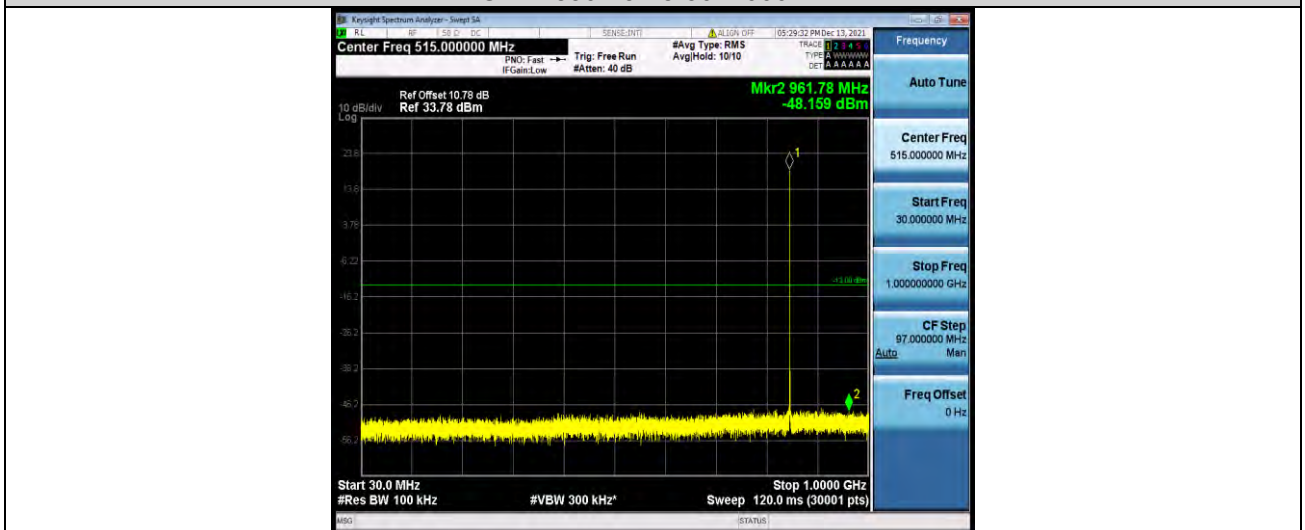
Test Report No.: W7L-P22090015-1RF04



EGPRS850-190-8-1000~10000MHz



EGPRS850-251-8-30~1000MHz

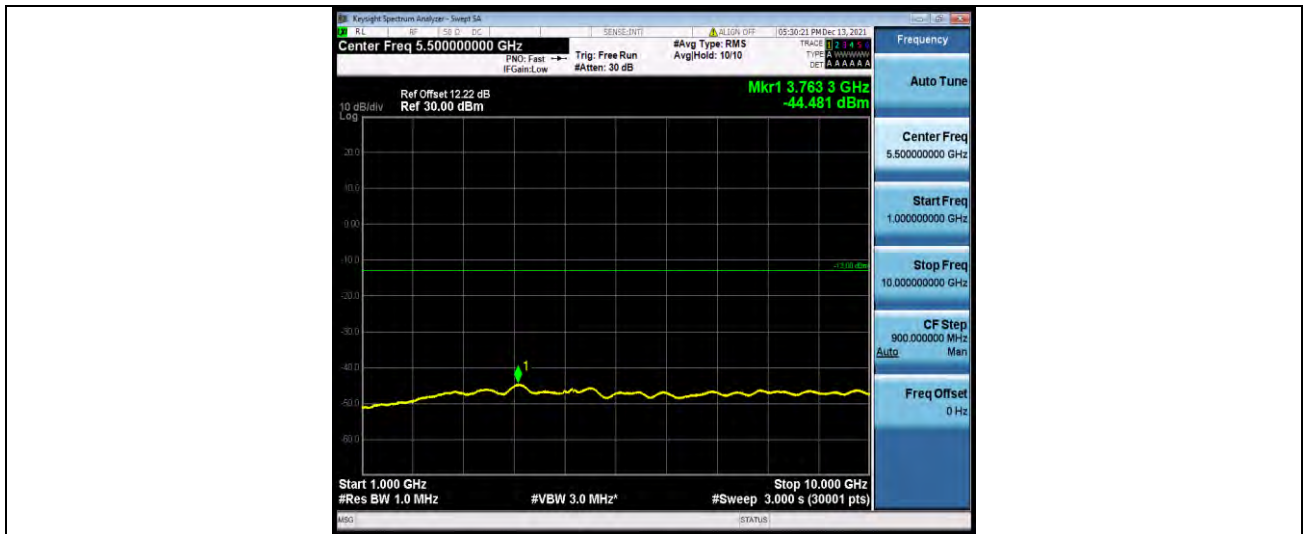


EGPRS850-251-8-1000~10000MHz



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VERITAS**

Test Report No.: W7L-P22090015-1RF04



FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	NT	2.16	0.002621	±2.5	PASS
GSM850	128	VN	NT	-7.43	-0.009015	±2.5	PASS
GSM850	128	VH	NT	-0.16	-0.000194	±2.5	PASS
GSM850	190	VL	NT	4.16	0.004973	±2.5	PASS
GSM850	190	VN	NT	1.26	0.001506	±2.5	PASS
GSM850	190	VH	NT	4.52	0.005403	±2.5	PASS
GSM850	251	VL	NT	-5.39	-0.006350	±2.5	PASS
GSM850	251	VN	NT	0.32	0.000377	±2.5	PASS
GSM850	251	VH	NT	-6.42	-0.007564	±2.5	PASS
EGPRS850	128	VL	NT	3.78	0.004586	±2.5	PASS
EGPRS850	128	VN	NT	18.82	0.022834	±2.5	PASS
EGPRS850	128	VH	NT	12.59	0.015275	±2.5	PASS
EGPRS850	190	VL	NT	-0.10	-0.000120	±2.5	PASS
EGPRS850	190	VN	NT	4.00	0.004781	±2.5	PASS
EGPRS850	190	VH	NT	0.03	0.000036	±2.5	PASS
EGPRS850	251	VL	NT	10.69	0.012594	±2.5	PASS
EGPRS850	251	VN	NT	1.61	0.001897	±2.5	PASS
EGPRS850	251	VH	NT	0.58	0.000683	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	-2.16	-0.002621	±2.5	PASS



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GSM850	128	NV	-20	-3.16	-0.003834	±2.5	PASS
GSM850	128	NV	-10	2.45	0.002973	±2.5	PASS
GSM850	128	NV	0	2.91	0.003531	±2.5	PASS
GSM850	128	NV	10	-1.32	-0.001602	±2.5	PASS
GSM850	128	NV	20	0.10	0.000121	±2.5	PASS
GSM850	128	NV	30	2.23	0.002706	±2.5	PASS
GSM850	128	NV	40	3.26	0.003955	±2.5	PASS
GSM850	128	NV	50	4.52	0.005484	±2.5	PASS
GSM850	190	NV	-30	1.42	0.001697	±2.5	PASS
GSM850	190	NV	-20	2.16	0.002582	±2.5	PASS
GSM850	190	NV	-10	6.23	0.007447	±2.5	PASS
GSM850	190	NV	0	6.65	0.007949	±2.5	PASS
GSM850	190	NV	10	3.26	0.003897	±2.5	PASS
GSM850	190	NV	20	4.20	0.005020	±2.5	PASS
GSM850	190	NV	30	6.49	0.007758	±2.5	PASS
GSM850	190	NV	40	4.75	0.005678	±2.5	PASS
GSM850	190	NV	50	4.88	0.005833	±2.5	PASS
GSM850	251	NV	-30	-6.04	-0.007116	±2.5	PASS
GSM850	251	NV	-20	-3.33	-0.003923	±2.5	PASS
GSM850	251	NV	-10	-7.88	-0.009284	±2.5	PASS
GSM850	251	NV	0	-4.68	-0.005514	±2.5	PASS
GSM850	251	NV	10	-2.00	-0.002356	±2.5	PASS
GSM850	251	NV	20	-3.45	-0.004065	±2.5	PASS
GSM850	251	NV	30	-6.88	-0.008106	±2.5	PASS
GSM850	251	NV	40	3.39	0.003994	±2.5	PASS
GSM850	251	NV	50	-3.10	-0.003652	±2.5	PASS
EGPRS850	128	NV	-30	-3.68	-0.004465	±2.5	PASS
EGPRS850	128	NV	-20	-4.62	-0.005605	±2.5	PASS
EGPRS850	128	NV	-10	-0.39	-0.000473	±2.5	PASS
EGPRS850	128	NV	0	0.16	0.000194	±2.5	PASS
EGPRS850	128	NV	10	1.29	0.001565	±2.5	PASS
EGPRS850	128	NV	20	-5.84	-0.007086	±2.5	PASS
EGPRS850	128	NV	30	-8.30	-0.010070	±2.5	PASS
EGPRS850	128	NV	40	-1.00	-0.001213	±2.5	PASS
EGPRS850	128	NV	50	12.27	0.014887	±2.5	PASS
EGPRS850	190	NV	-30	-5.71	-0.006825	±2.5	PASS
EGPRS850	190	NV	-20	1.32	0.001578	±2.5	PASS
EGPRS850	190	NV	-10	-4.16	-0.004973	±2.5	PASS
EGPRS850	190	NV	0	-0.32	-0.000383	±2.5	PASS
EGPRS850	190	NV	10	-10.59	-0.012658	±2.5	PASS
EGPRS850	190	NV	20	2.81	0.003359	±2.5	PASS
EGPRS850	190	NV	30	-5.26	-0.006287	±2.5	PASS
EGPRS850	190	NV	40	9.27	0.011081	±2.5	PASS
EGPRS850	190	NV	50	-3.23	-0.003861	±2.5	PASS
EGPRS850	251	NV	-30	3.33	0.003923	±2.5	PASS
EGPRS850	251	NV	-20	-0.36	-0.000424	±2.5	PASS
EGPRS850	251	NV	-10	13.11	0.015445	±2.5	PASS
EGPRS850	251	NV	0	6.13	0.007222	±2.5	PASS
EGPRS850	251	NV	10	6.68	0.007870	±2.5	PASS



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EGPRS850	251	NV	20	-11.62	-0.013690	±2.5	PASS
EGPRS850	251	NV	30	0.00	0.000000	±2.5	PASS
EGPRS850	251	NV	40	10.82	0.012747	±2.5	PASS
EGPRS850	251	NV	50	2.32	0.002733	±2.5	PASS

APPENDIX B: WCDMA BAND 5

PEAK-TO-AVERAGE RATIO

Test Result

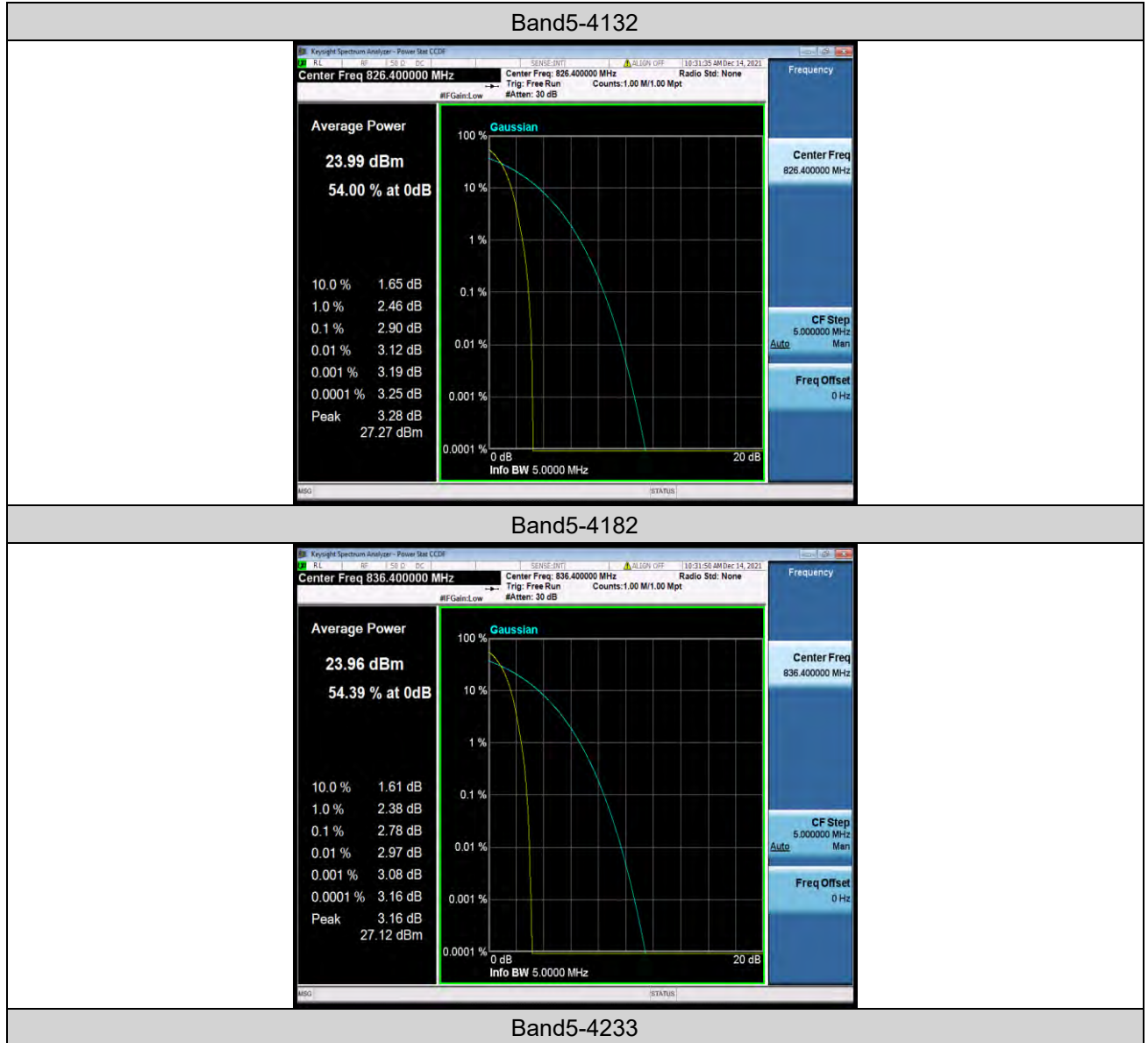
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	2.90	13	PASS
Band5	4182	2.78	13	PASS
Band5	4233	2.98	13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22090015-1RF04

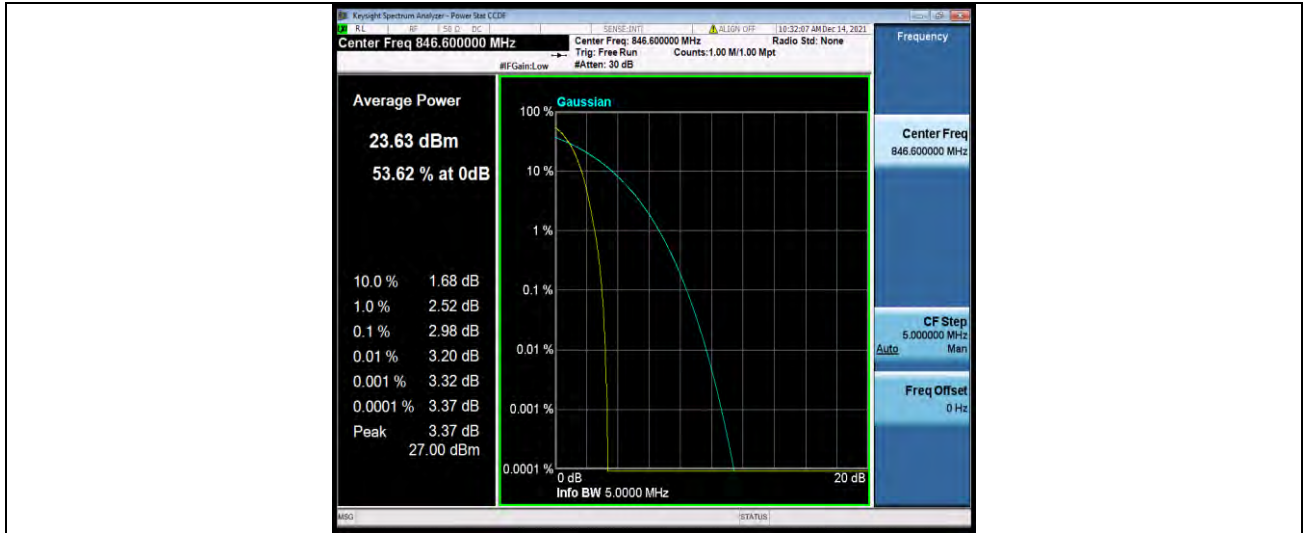
Test Graphs





**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.1639	4.695	---	PASS
Band5	4182	4.1625	4.701	---	PASS
Band5	4233	4.1678	4.688	---	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22090015-1RF04

Test Graphs





**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04



BAND EDGE

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-30.91	-13	PASS
Band5	4233	849.09	-30.09	-13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22090015-1RF04

Test Graphs





Test Report No.: W7L-P22090015-1RF04

CONDUCTED SPURIOUS EMISSION

Test Result

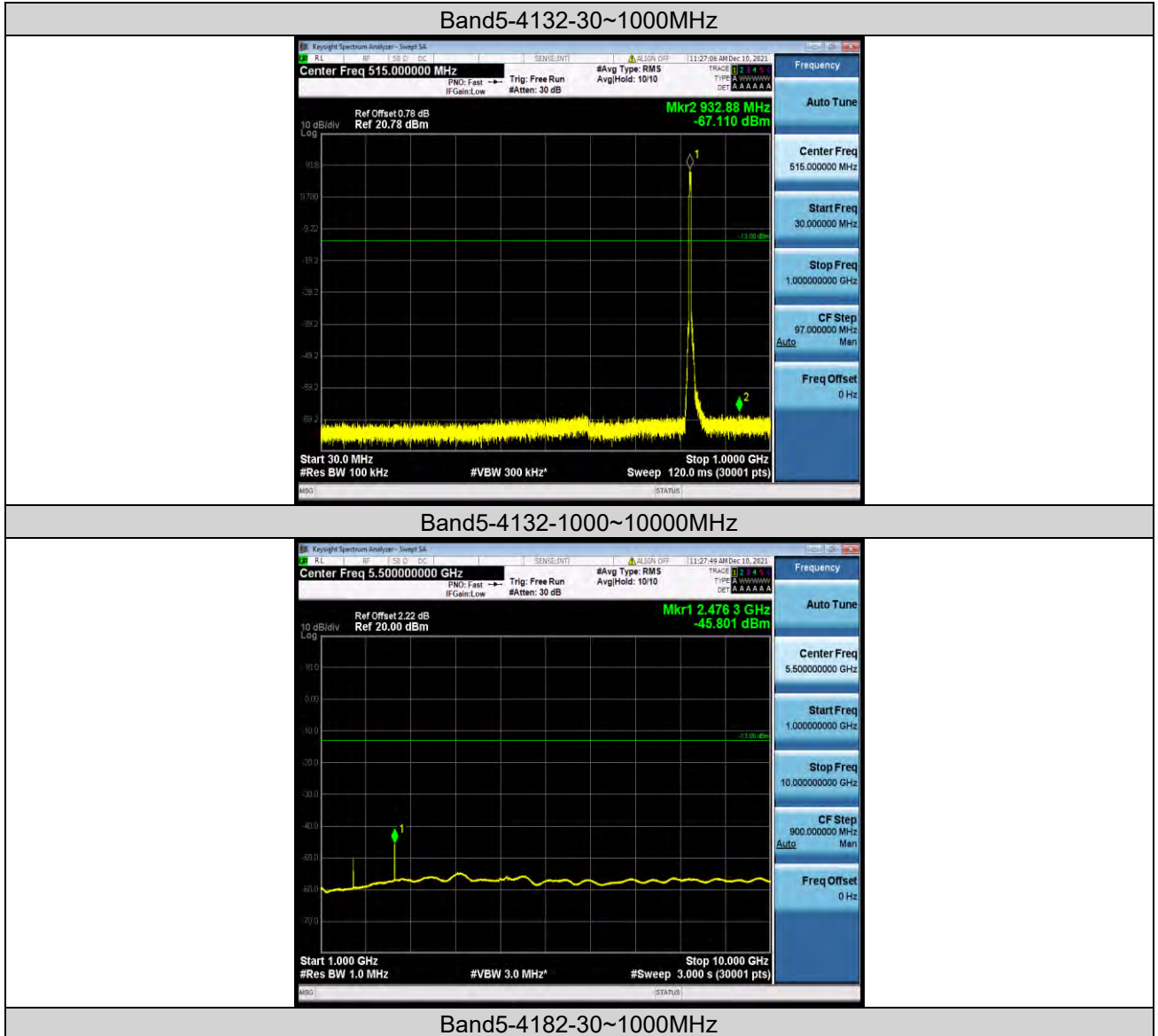
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	30~1000MHz	932.88	-67.11	-13	PASS
Band5	4132	1000~10000MHz	2476.3	-45.8	-13	PASS
Band5	4182	30~1000MHz	951.44	-67.8	-13	PASS
Band5	4182	1000~10000MHz	2512	-45.76	-13	PASS
Band5	4233	30~1000MHz	969.54	-67.68	-13	PASS
Band5	4233	1000~10000MHz	2536.9	-46.89	-13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22090015-1RF04

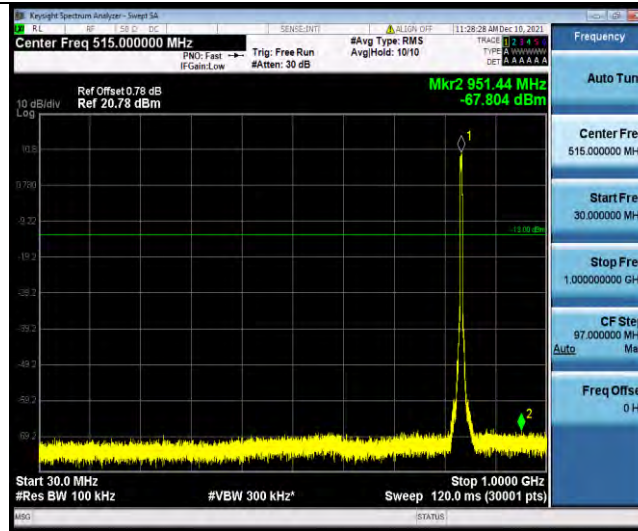
Test Graphs





BUREAU VERITAS

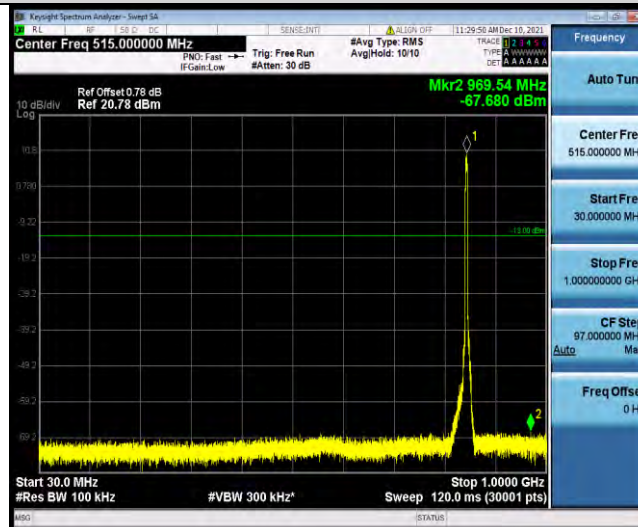
Test Report No.: W7L-P22090015-1RF04



Band5-4182-1000~10000MHz



Band5-4233-30~1000MHz



Band5-4233-1000~10000MHz



**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF04



FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	0.06	0.000073	±2.5	PASS
Band5	4132	VN	NT	-0.85	-0.001029	±2.5	PASS
Band5	4132	VH	NT	-0.30	-0.000363	±2.5	PASS
Band5	4182	VL	NT	0.80	0.000956	±2.5	PASS
Band5	4182	VN	NT	-0.65	-0.000777	±2.5	PASS
Band5	4182	VH	NT	-0.48	-0.000574	±2.5	PASS
Band5	4233	VL	NT	-2.02	-0.002386	±2.5	PASS
Band5	4233	VN	NT	-2.68	-0.003166	±2.5	PASS
Band5	4233	VH	NT	-0.72	-0.000850	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-1.02	-0.001234	±2.5	PASS
Band5	4132	NV	-20	-0.07	-0.000085	±2.5	PASS
Band5	4132	NV	0	0.52	0.000629	±2.5	PASS
Band5	4132	NV	10	-2.75	-0.003328	±2.5	PASS
Band5	4132	NV	20	-1.80	-0.002178	±2.5	PASS
Band5	4182	NV	-30	-1.56	-0.001865	±2.5	PASS
Band5	4182	NV	-20	-2.02	-0.002415	±2.5	PASS
Band5	4182	NV	0	-0.21	-0.000251	±2.5	PASS
Band5	4182	NV	10	-1.66	-0.001985	±2.5	PASS
Band5	4182	NV	20	-0.40	-0.000478	±2.5	PASS
Band5	4233	NV	-30	-1.85	-0.002185	±2.5	PASS
Band5	4233	NV	-20	-0.82	-0.000969	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22090015-1RF04

Band5	4233	NV	0	-0.80	-0.000945	±2.5	PASS
Band5	4233	NV	10	-0.72	-0.000850	±2.5	PASS
Band5	4233	NV	20	0.34	0.000402	±2.5	PASS



APPENDIX C: LTE BAND 5

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.15	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.83	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.18	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.89	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.26	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.26	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.65	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.66	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.85	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.12	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.96	13	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	4.24	13	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	4.88	13	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	4.40	13	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	4.95	13	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	4.25	13	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	5.24	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.22	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.98	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.29	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.97	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.13	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.13	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.09	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.93	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.68	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.19	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.10	13	PASS
Band5	3MHz	64QAM	20415	1RB#0	4.19	13	PASS
Band5	3MHz	64QAM	20415	15RB#0	5.03	13	PASS
Band5	3MHz	64QAM	20525	1RB#0	4.40	13	PASS
Band5	3MHz	64QAM	20525	15RB#0	4.98	13	PASS
Band5	3MHz	64QAM	20635	1RB#0	4.10	13	PASS
Band5	3MHz	64QAM	20635	15RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.09	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.65	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.89	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.13	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.08	13	PASS



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Test Report No.: W7L-P22090015-1RF04

Band5	5MHz	16QAM	20425	1RB#0	4.95	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.98	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.45	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.65	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.91	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.93	13	PASS
Band5	5MHz	64QAM	20425	1RB#0	4.19	13	PASS
Band5	5MHz	64QAM	20425	25RB#0	5.15	13	PASS
Band5	5MHz	64QAM	20525	1RB#0	4.63	13	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.98	13	PASS
Band5	5MHz	64QAM	20625	1RB#0	4.19	13	PASS
Band5	5MHz	64QAM	20625	25RB#0	5.07	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.19	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.31	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.82	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.98	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.88	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.07	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.25	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.08	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.82	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.06	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.93	13	PASS
Band5	10MHz	64QAM	20450	1RB#0	4.30	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	5.38	13	PASS
Band5	10MHz	64QAM	20525	1RB#0	4.93	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	5.22	13	PASS
Band5	10MHz	64QAM	20600	1RB#0	3.95	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	5.25	13	PASS



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VERITAS

Test Report No.: W7L-P22090015-1RF04

Test Graphs



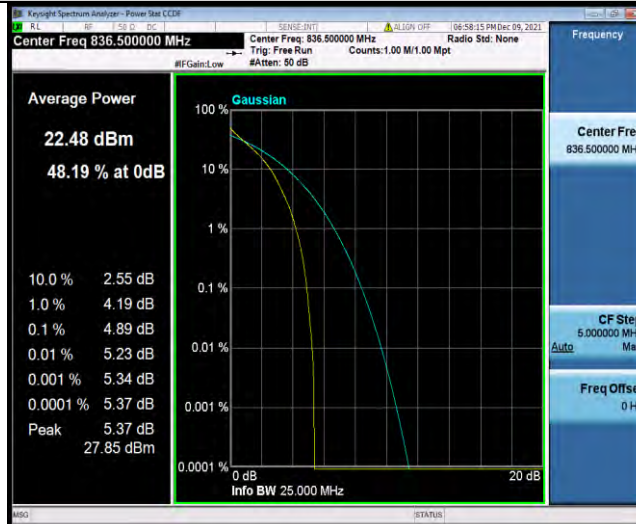


BUREAU VERITAS

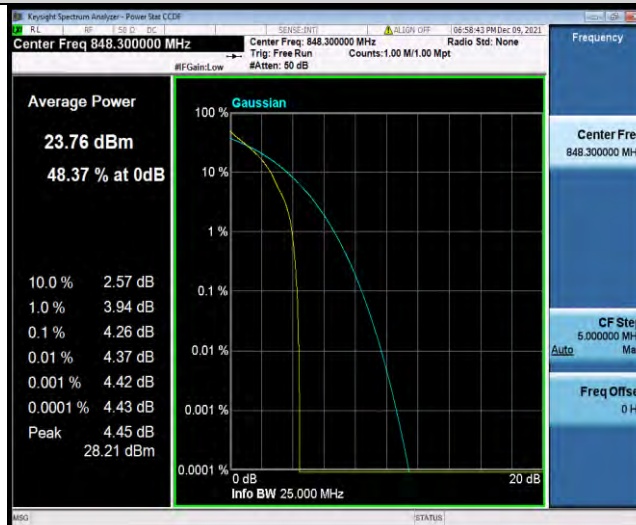
Test Report No.: W7L-P22090015-1RF04



Band5-1.4MHz-QPSK-20525-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0

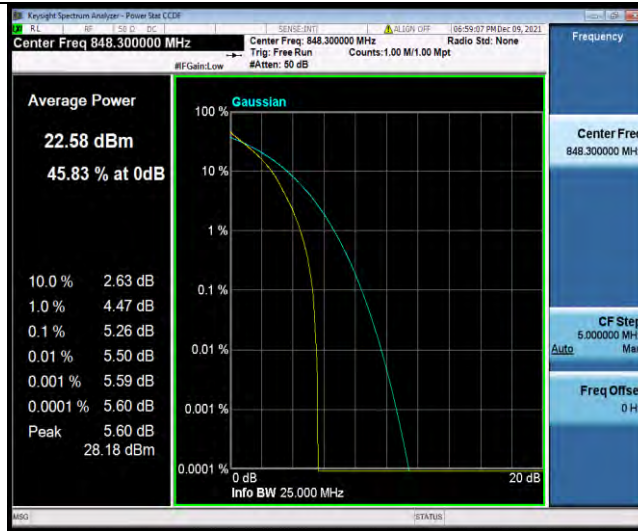


Band5-1.4MHz-QPSK-20643-6RB#0

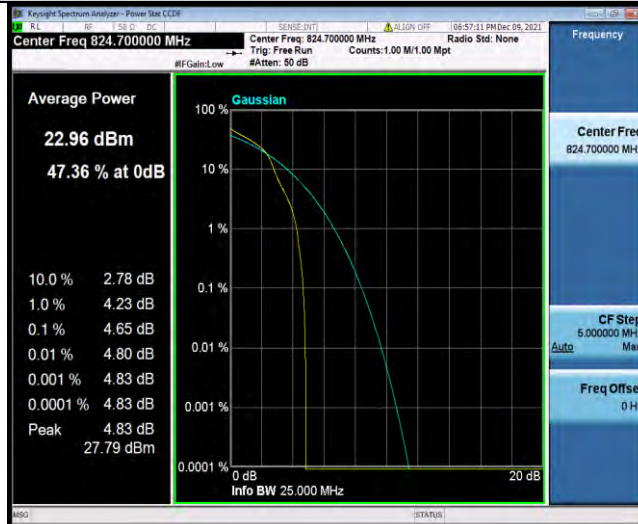


BUREAU VERITAS

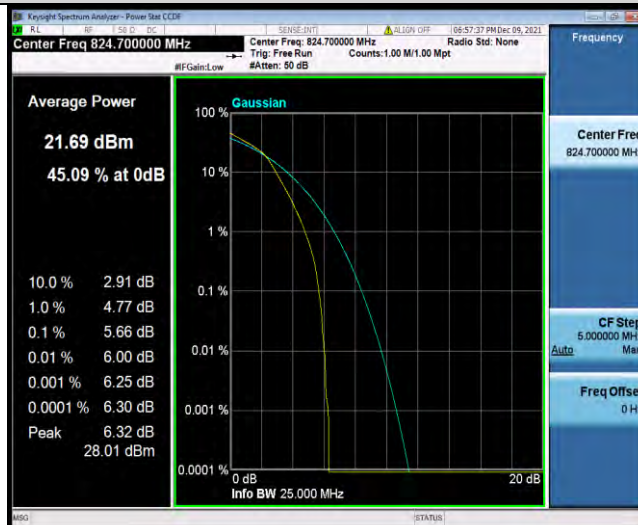
Test Report No.: W7L-P22090015-1RF04



Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-1RB#0

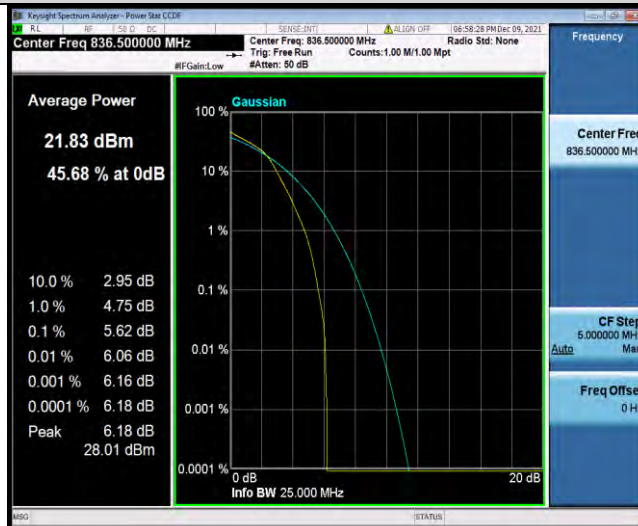


BUREAU VERITAS

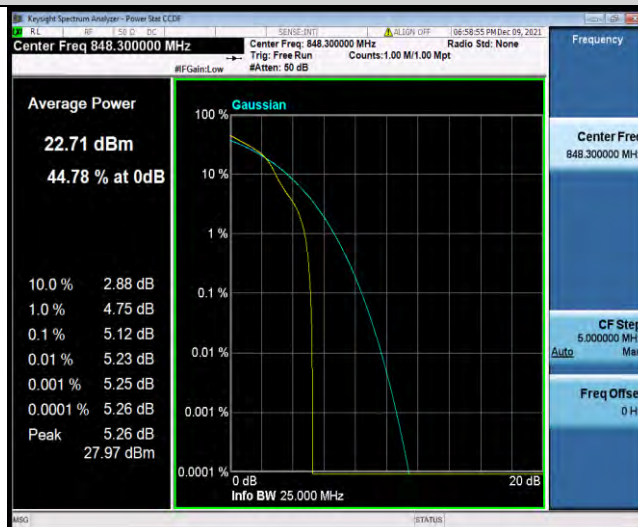
Test Report No.: W7L-P22090015-1RF04



Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0

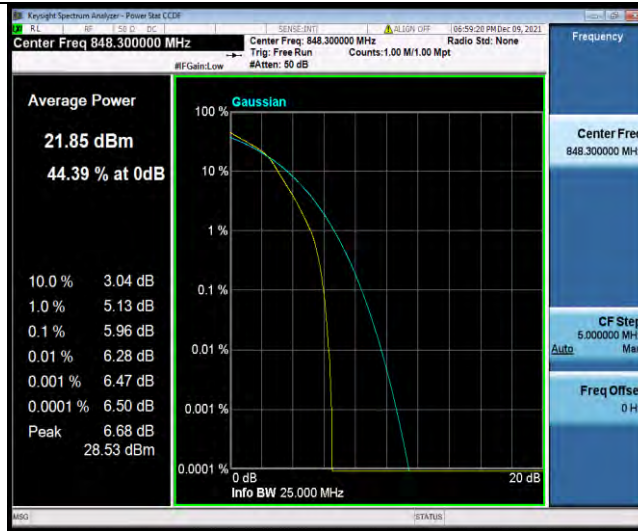


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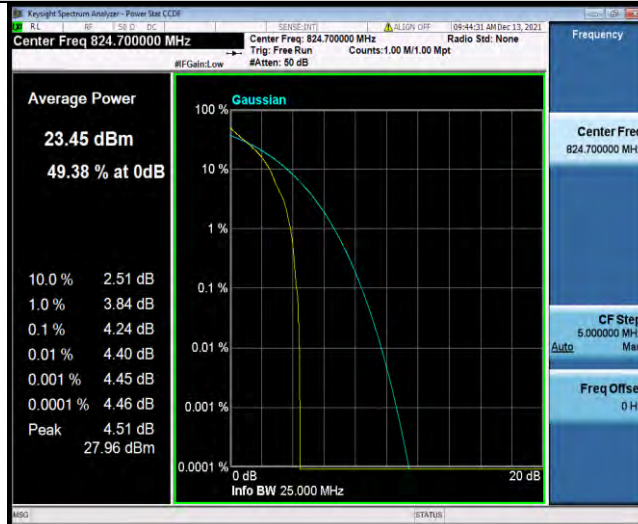


BUREAU VERITAS

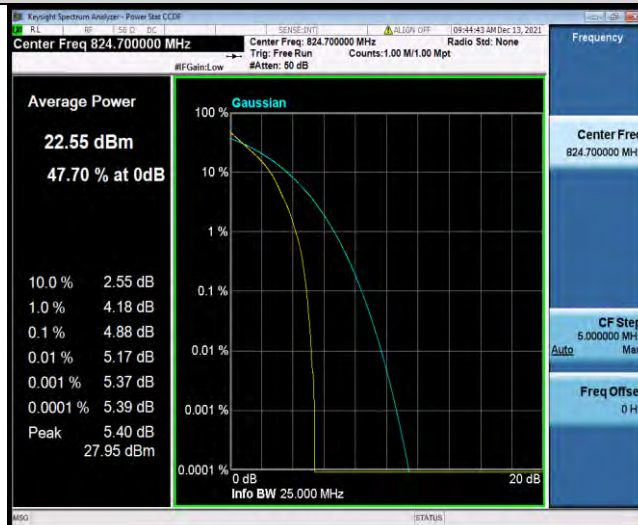
Test Report No.: W7L-P22090015-1RF04



Band5-1.4MHz-64QAM-20407-1RB#0



Band5-1.4MHz-64QAM-20407-6RB#0



Band5-1.4MHz-64QAM-20525-1RB#0

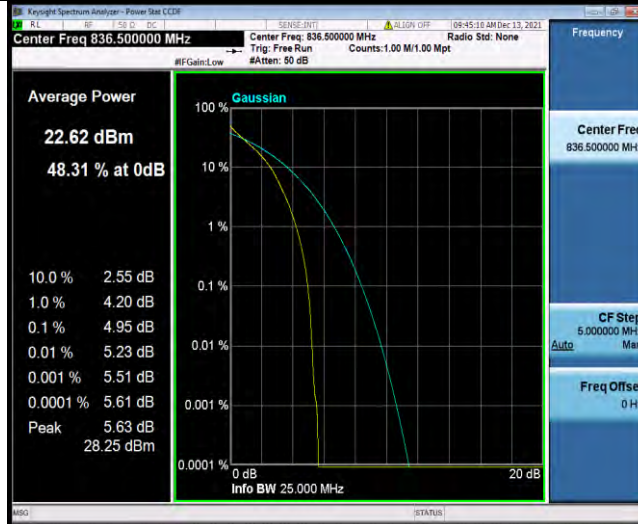


BUREAU VERITAS

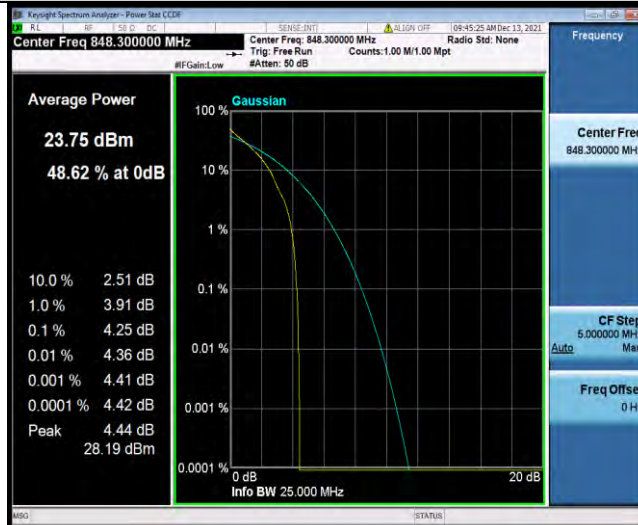
Test Report No.: W7L-P22090015-1RF04



Band5-1.4MHz-64QAM-20525-6RB#0



Band5-1.4MHz-64QAM-20643-1RB#0

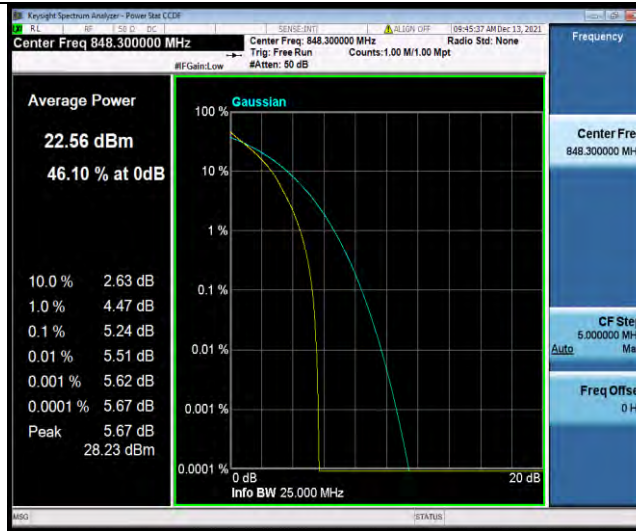


Band5-1.4MHz-64QAM-20643-6RB#0

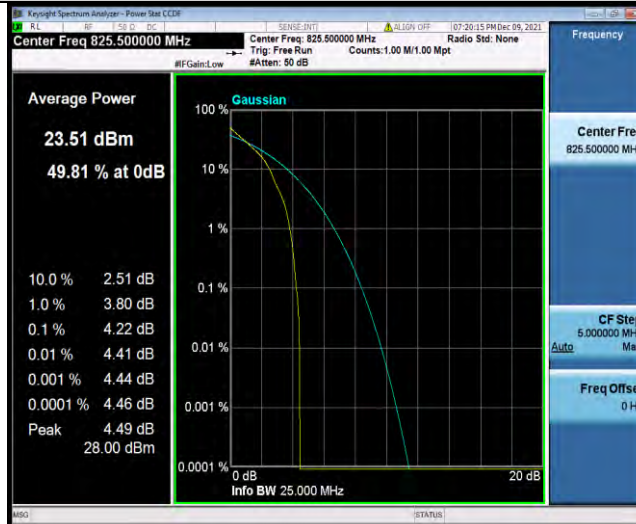


BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF04



Band5-3MHz-QPSK-20415-1RB#0



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-1RB#0

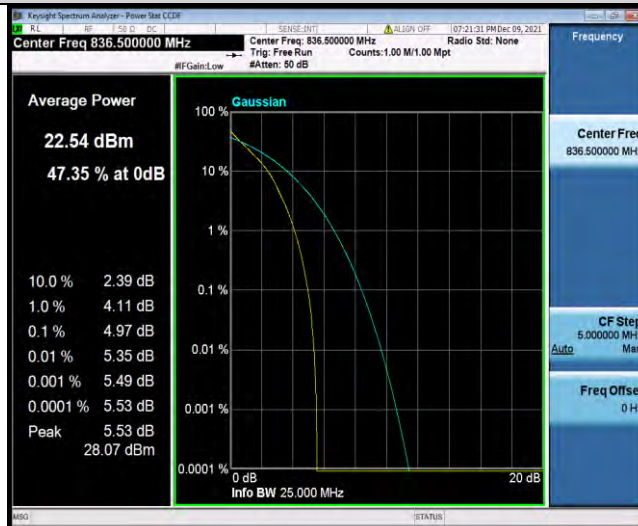


BUREAU VERITAS

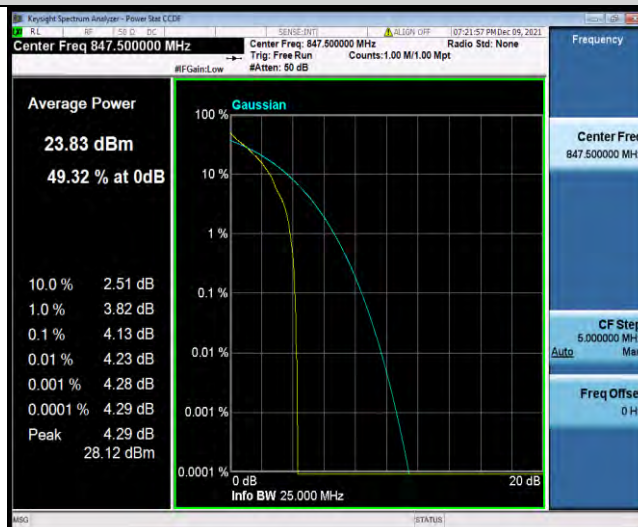
Test Report No.: W7L-P22090015-1RF04



Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-1RB#0

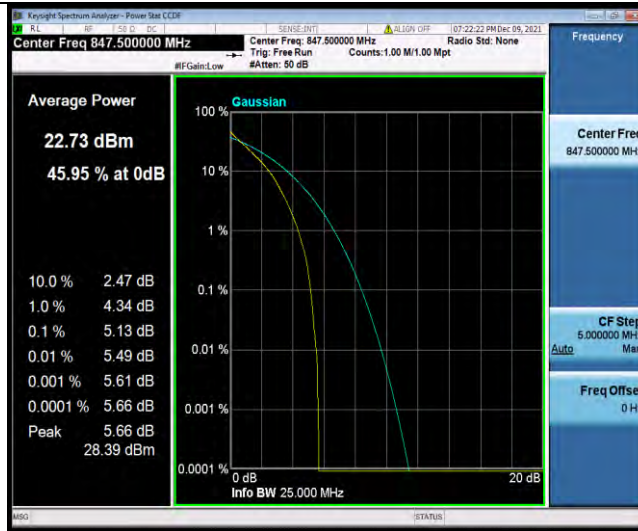


Band5-3MHz-QPSK-20635-15RB#0

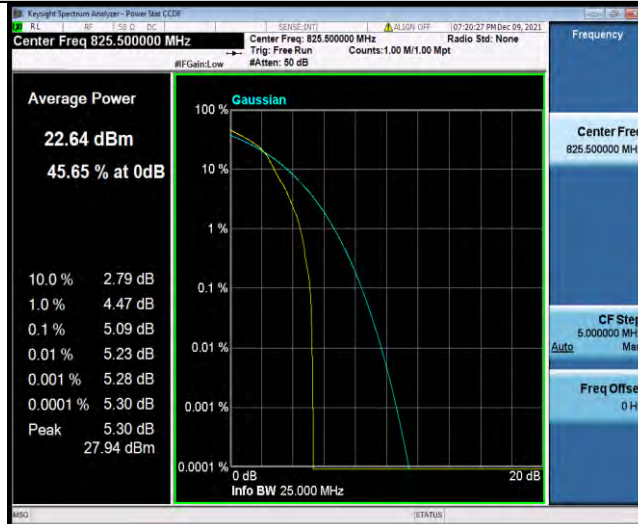


BUREAU VERITAS

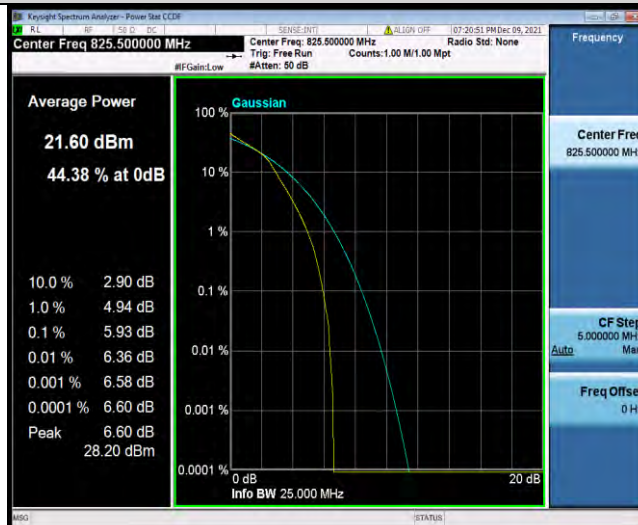
Test Report No.: W7L-P22090015-1RF04



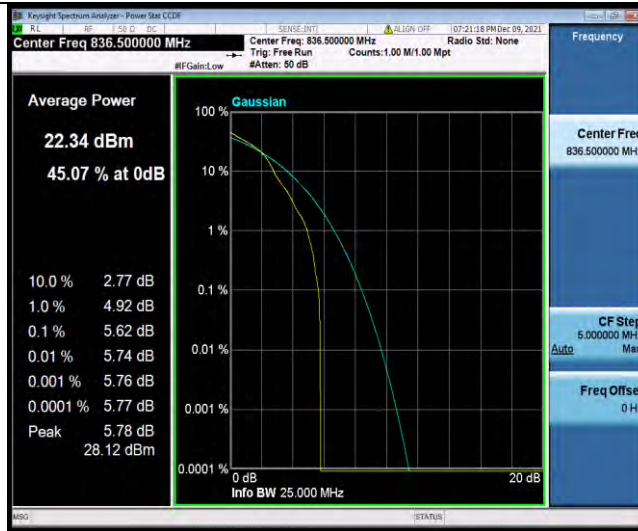
Band5-3MHz-16QAM-20415-1RB#0



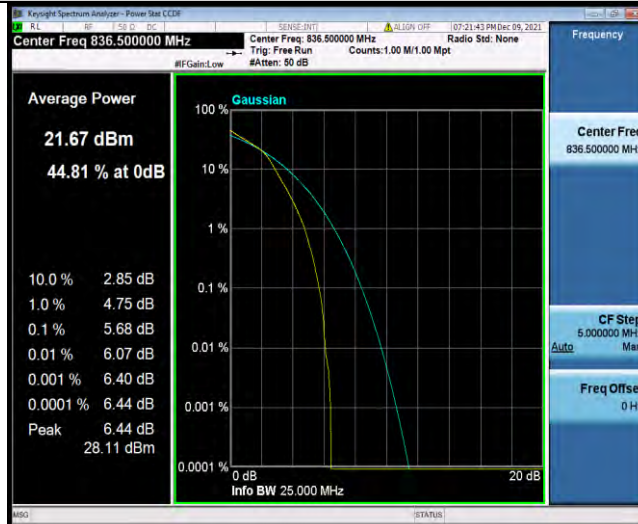
Band5-3MHz-16QAM-20415-15RB#0



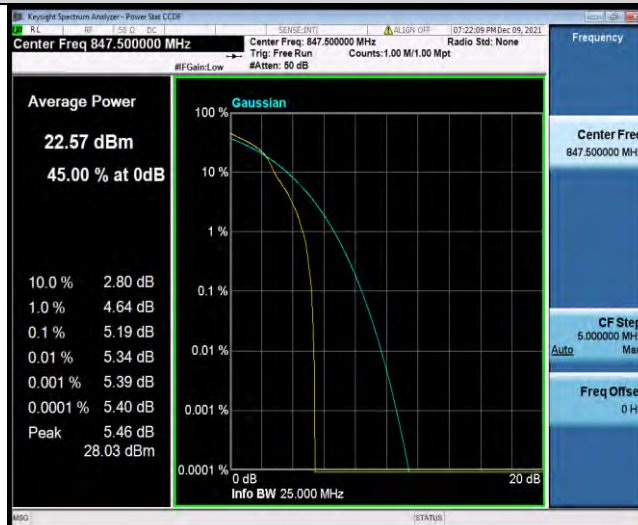
Band5-3MHz-16QAM-20525-1RB#0



Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-1RB#0



Band5-3MHz-16QAM-20635-15RB#0

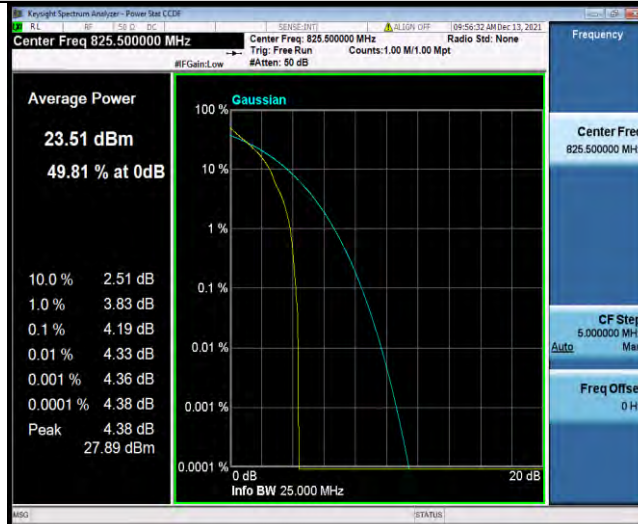


BUREAU VERITAS

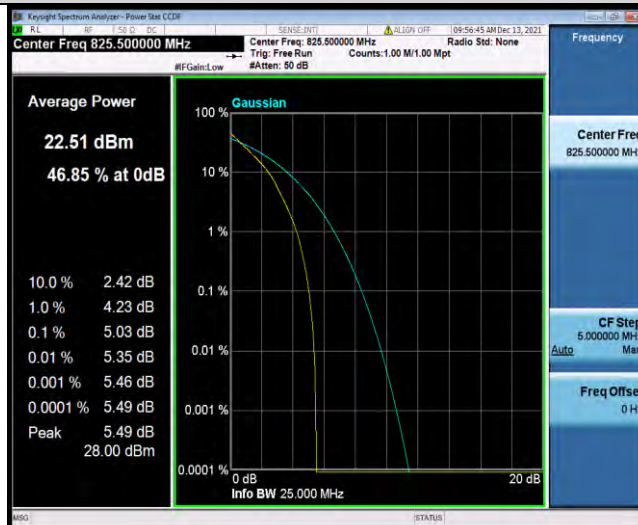
Test Report No.: W7L-P22090015-1RF04



Band5-3MHz-64QAM-20415-1RB#0



Band5-3MHz-64QAM-20415-15RB#0



Band5-3MHz-64QAM-20525-1RB#0

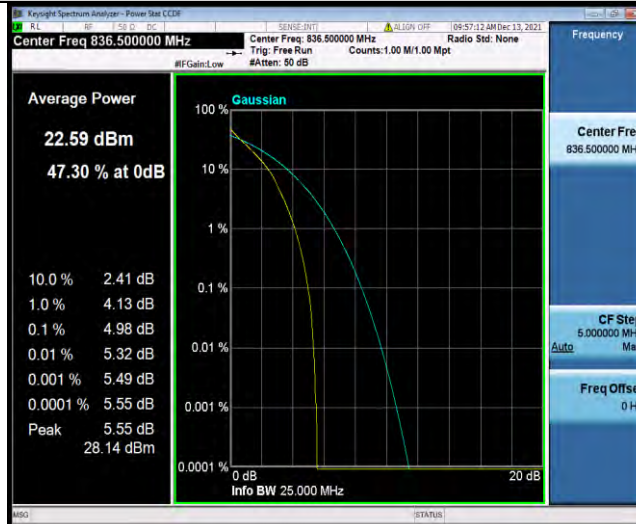


BUREAU VERITAS

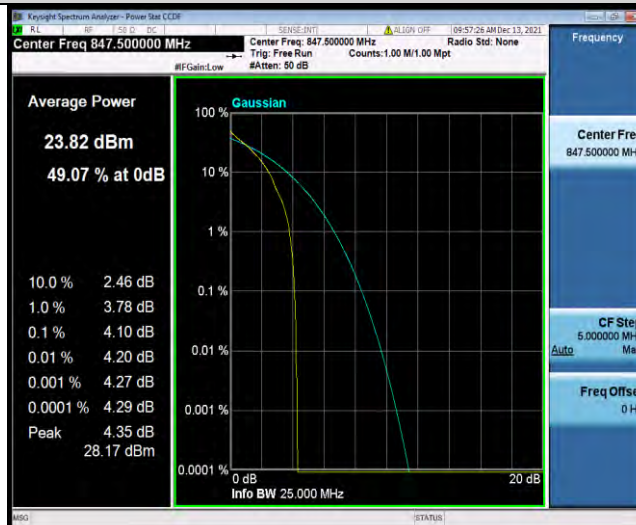
Test Report No.: W7L-P22090015-1RF04



Band5-3MHz-64QAM-20525-15RB#0



Band5-3MHz-64QAM-20635-1RB#0

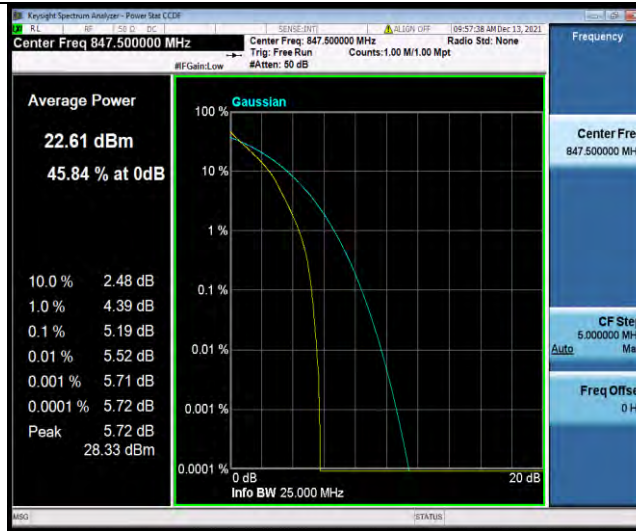


Band5-3MHz-64QAM-20635-15RB#0

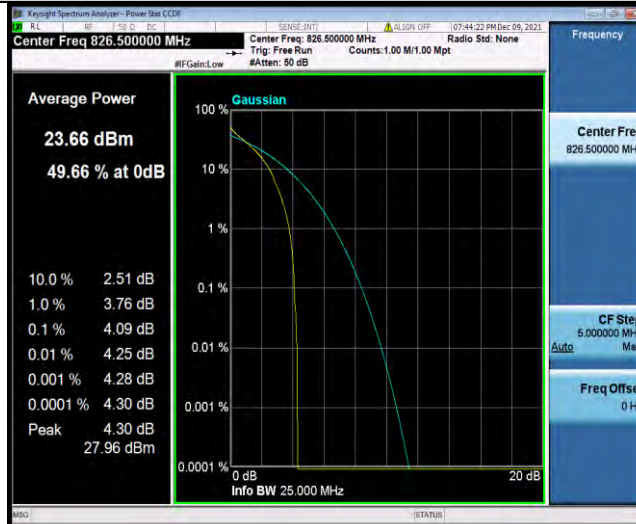


BUREAU VERITAS

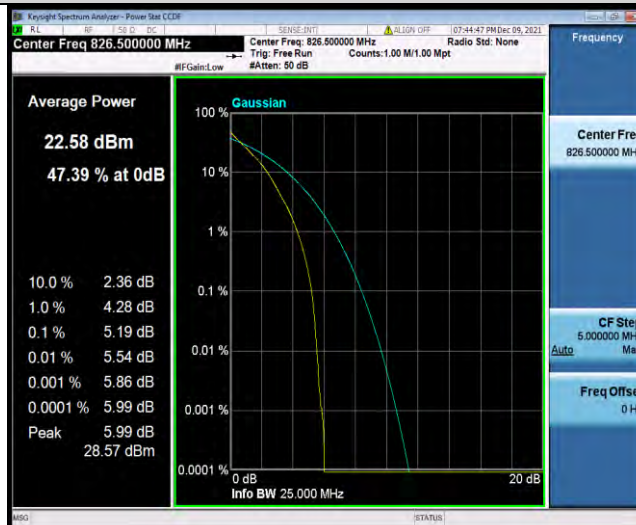
Test Report No.: W7L-P22090015-1RF04



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-1RB#0



BUREAU VERITAS

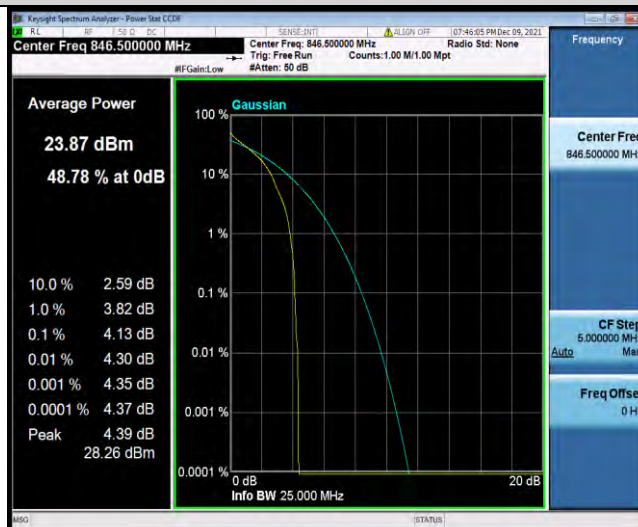
Test Report No.: W7L-P22090015-1RF04



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-25RB#0

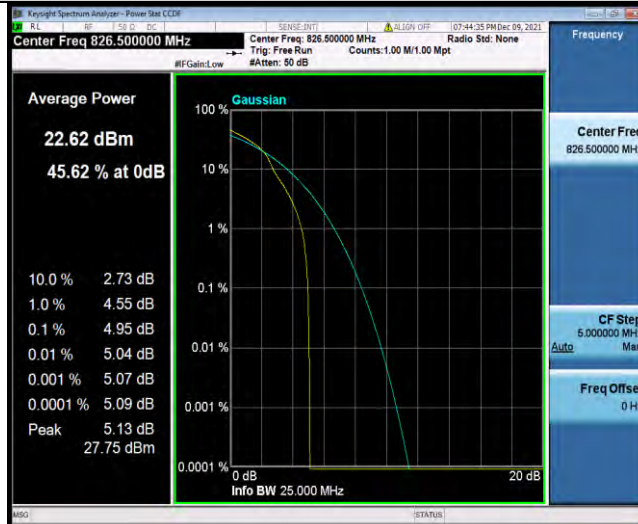


BUREAU VERITAS

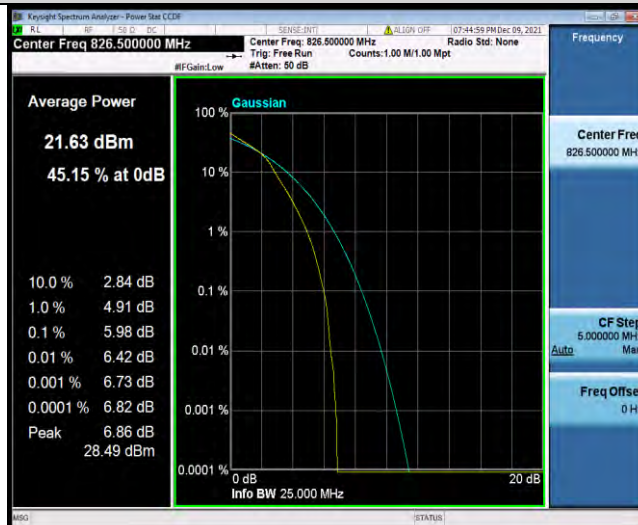
Test Report No.: W7L-P22090015-1RF04



Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-1RB#0

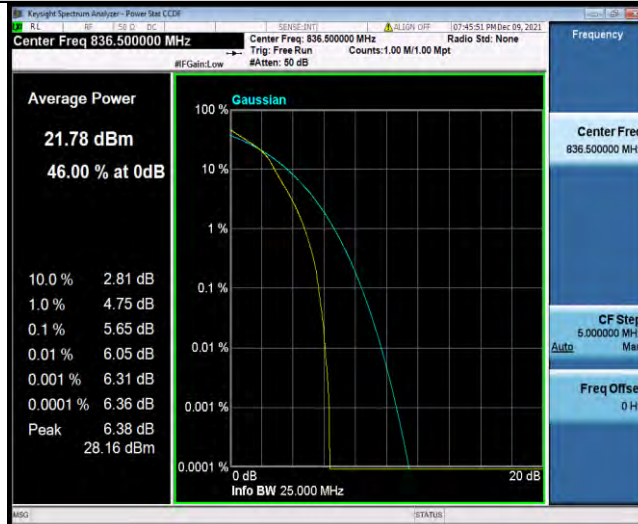


BUREAU VERITAS

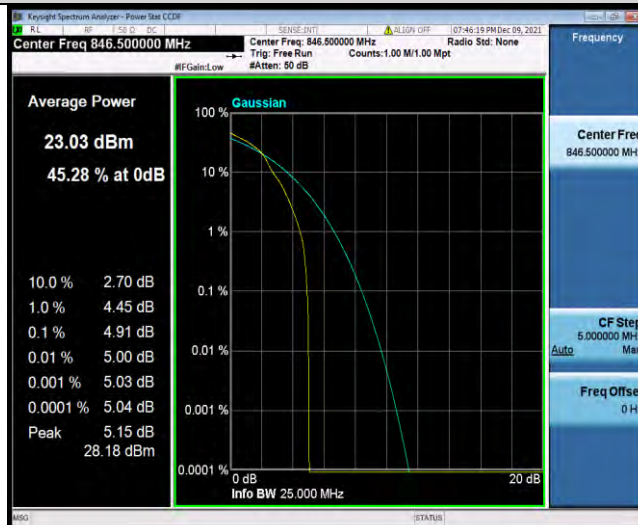
Test Report No.: W7L-P22090015-1RF04



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-1RB#0

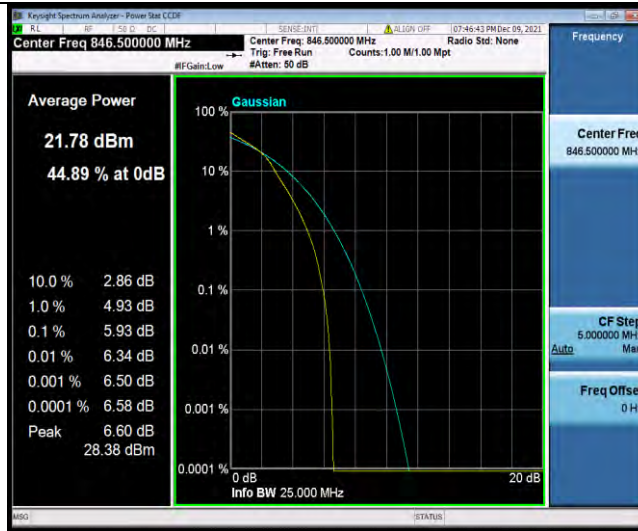


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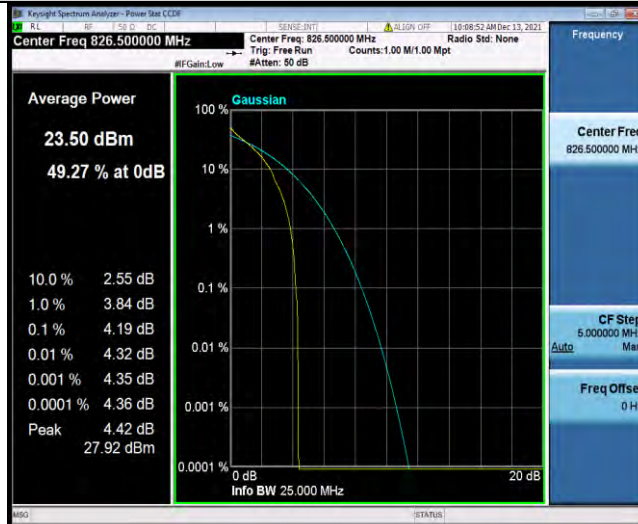


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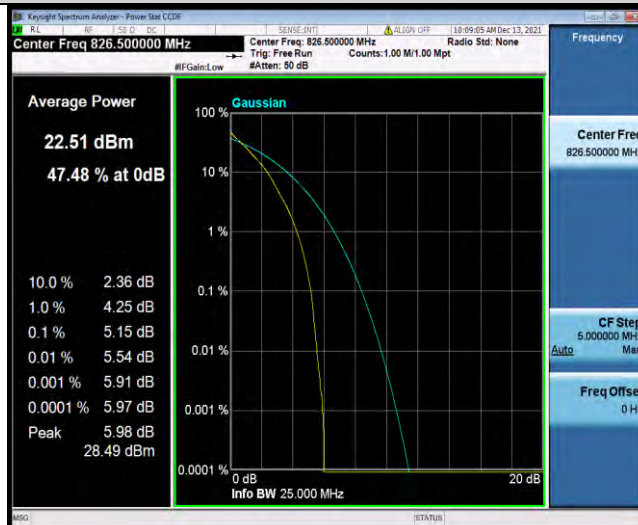
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Band5-5MHz-64QAM-20425-1RB#0



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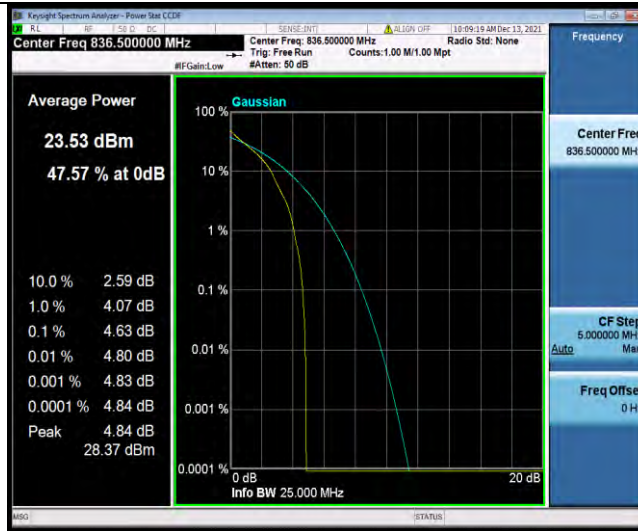


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BUREAU VERITAS

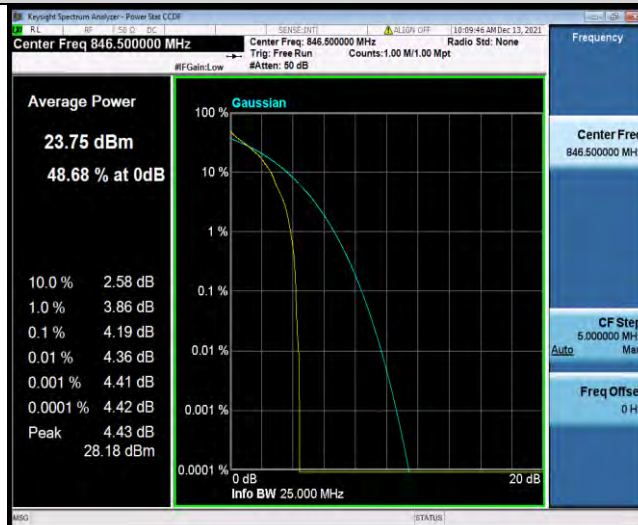
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Band5-5MHz-64QAM-20625-1RB#0

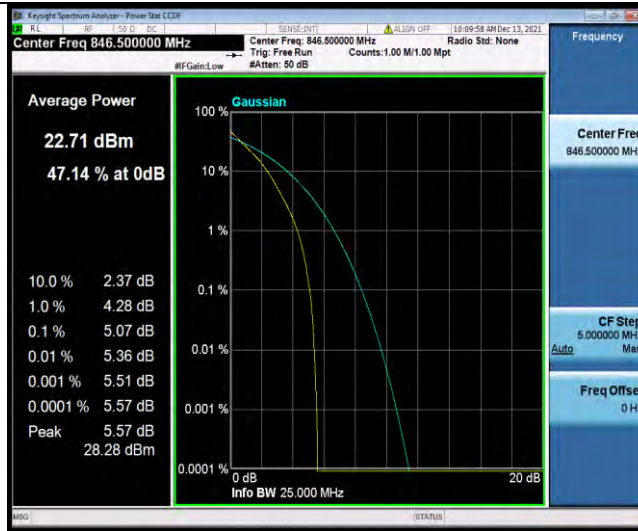


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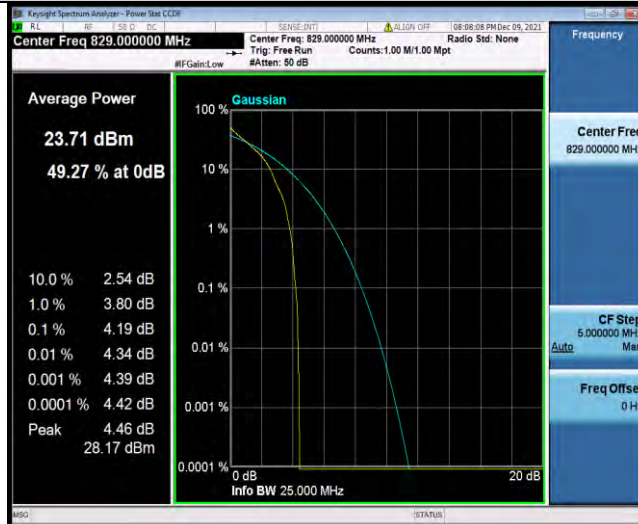


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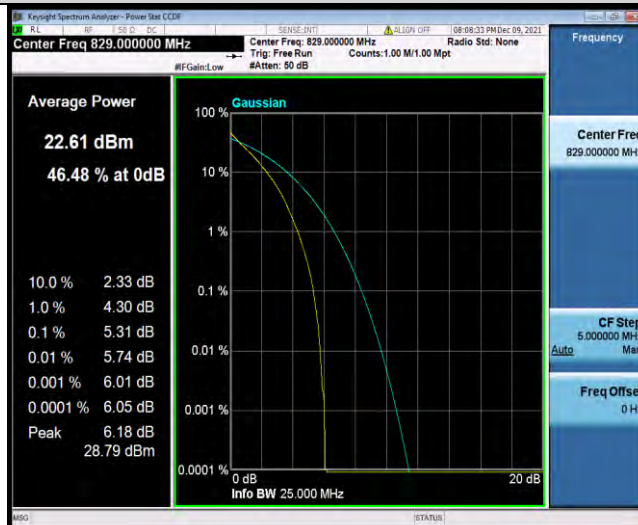
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Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-1RB#0



BUREAU VERITAS

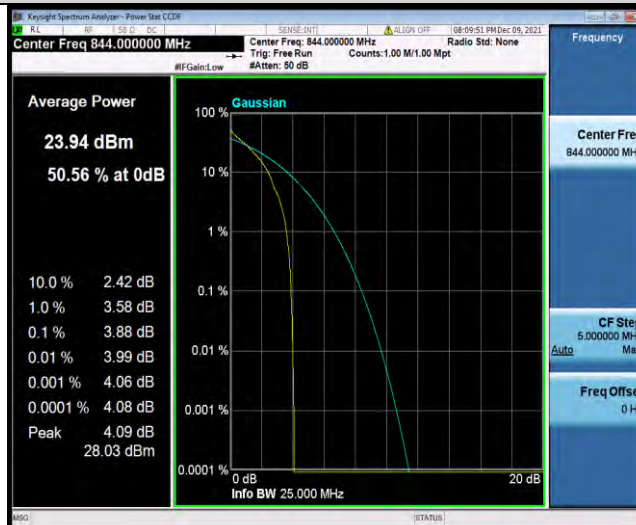
Test Report No.: W7L-P22090015-1RF04



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-50RB#0

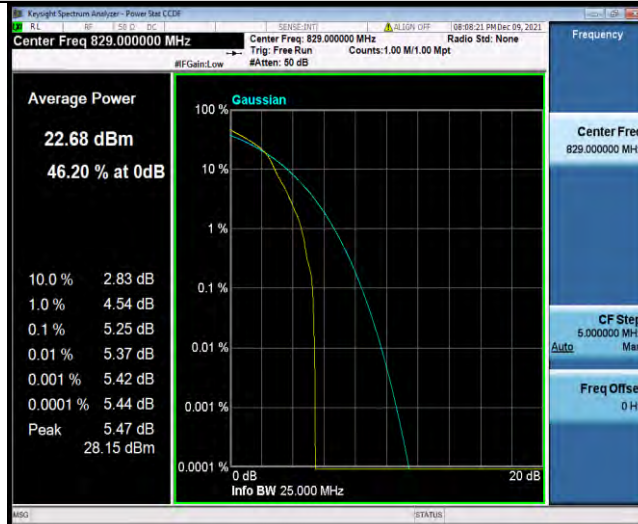


BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF04



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0

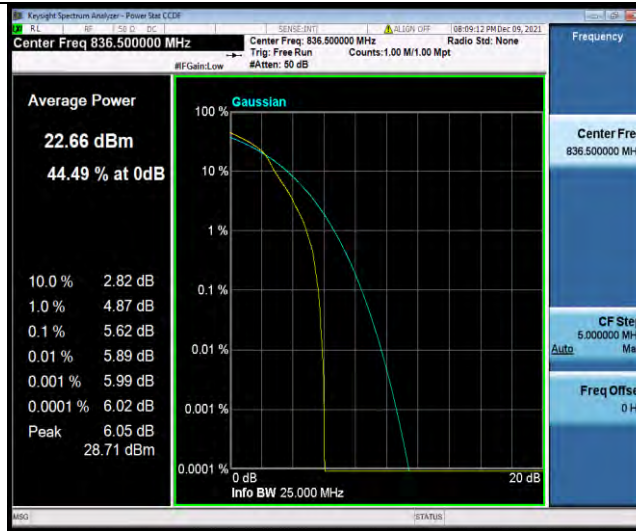


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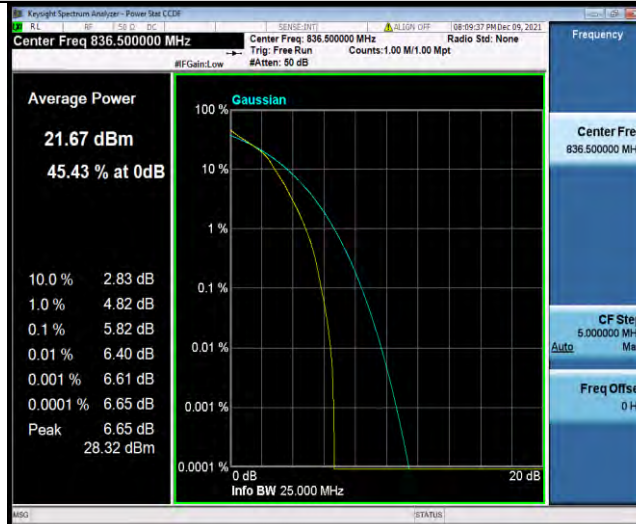


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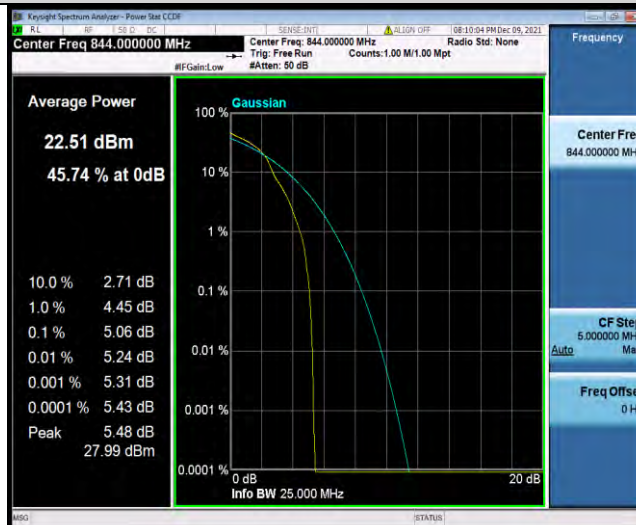
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Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0