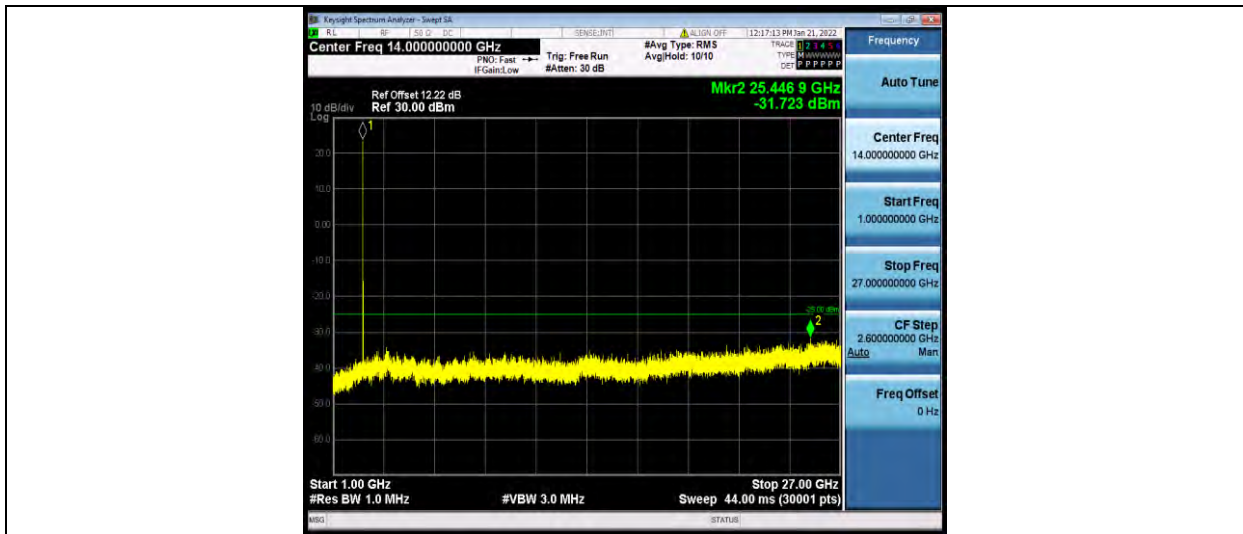


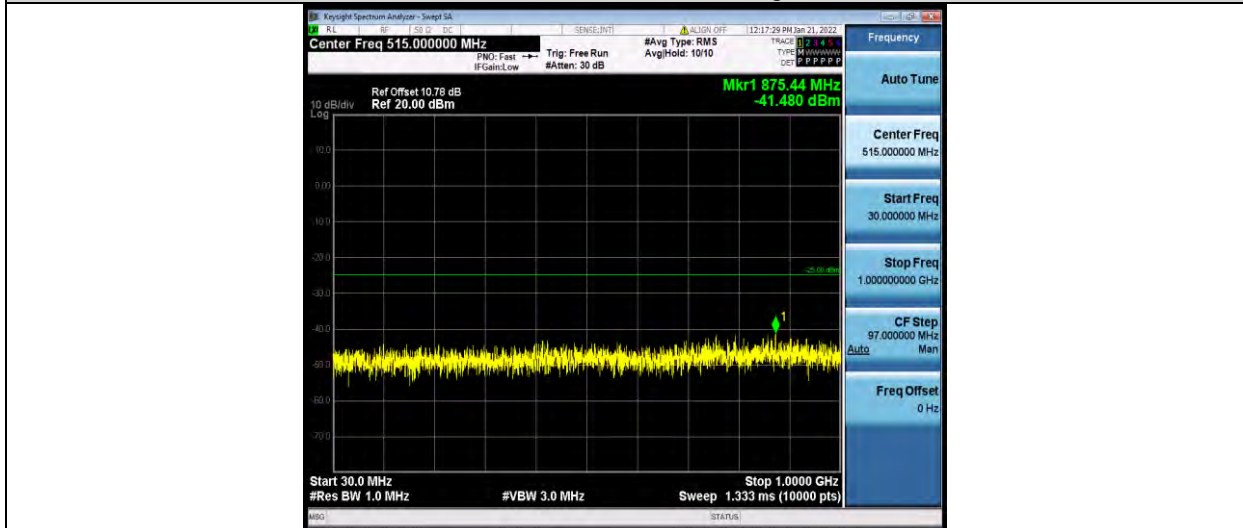


BUREAU VERITAS

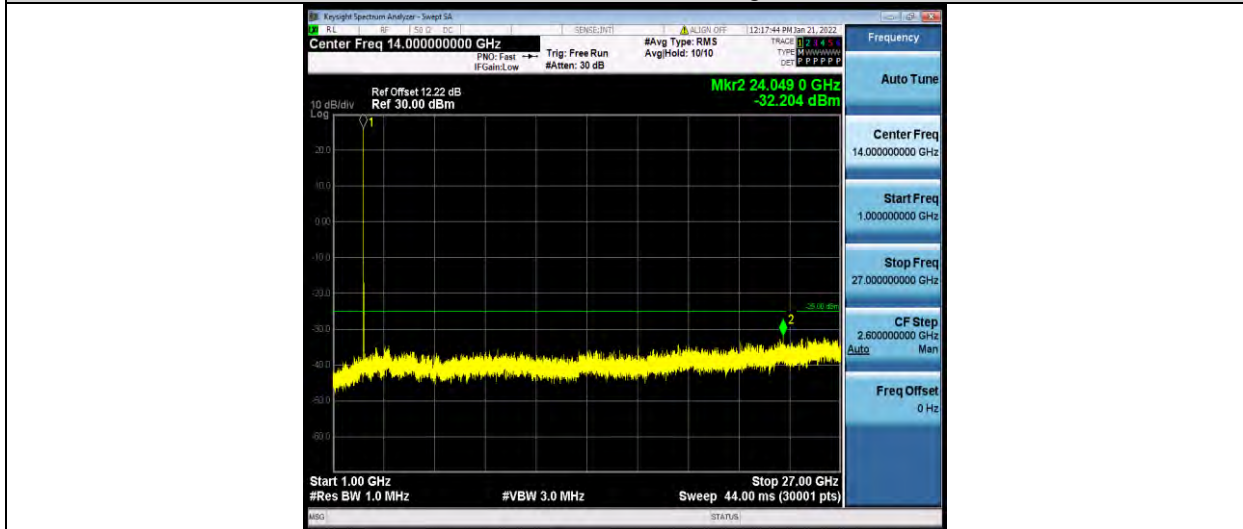
Test Report No.: W7L-P21120038RF05



Band7-10MHz-64QAM-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~27000MHz

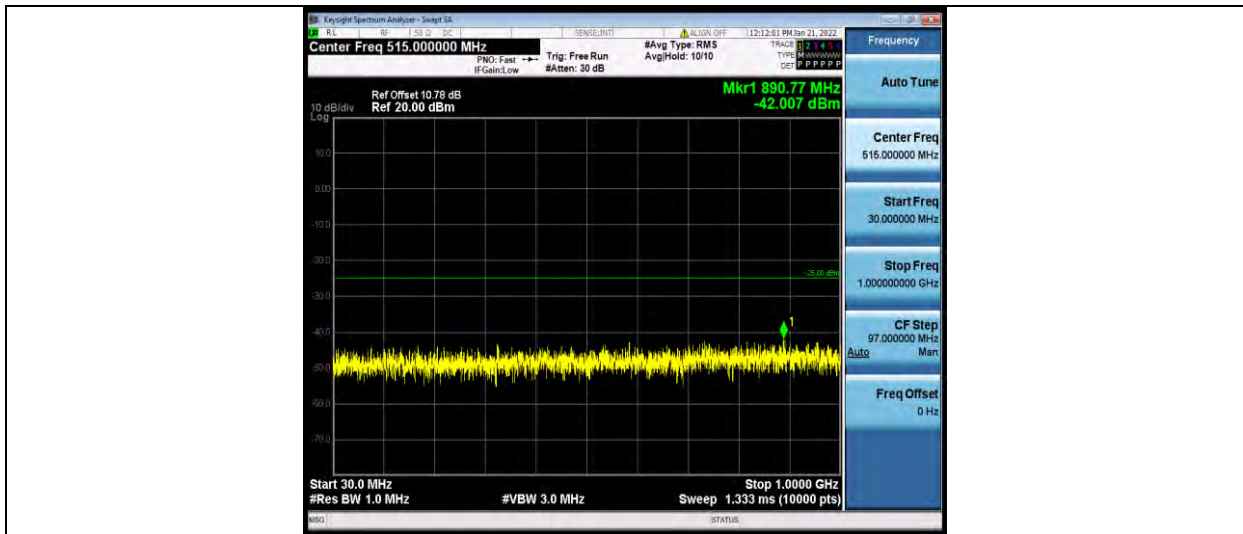


Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz

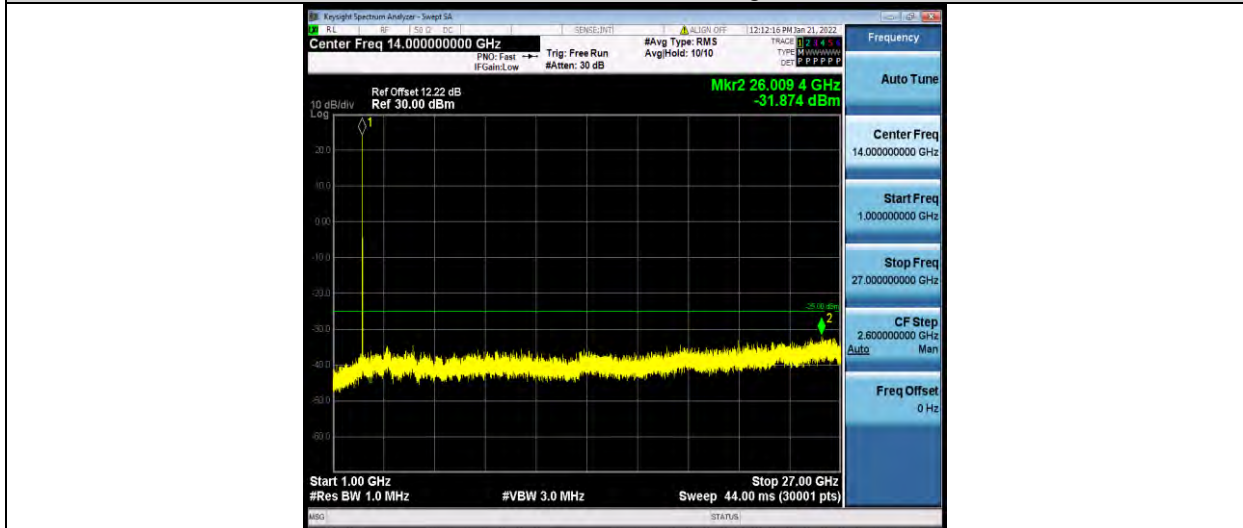


BUREAU VERITAS

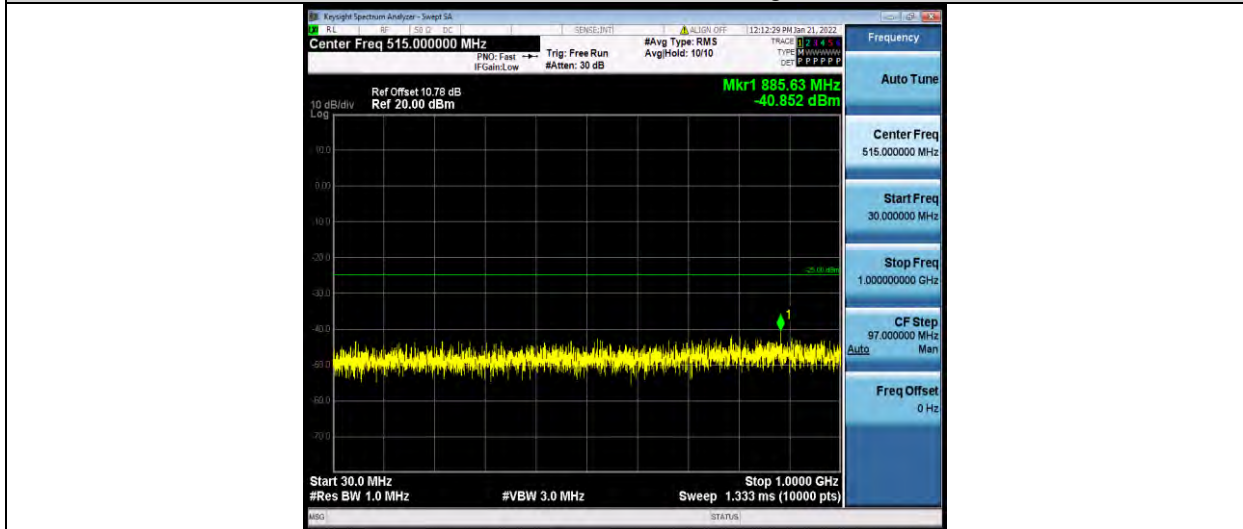
Test Report No.: W7L-P21120038RF05



Band7-15MHz-64QAM-20825-1RB#0-Range2:1000~27000MHz



Band7-15MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

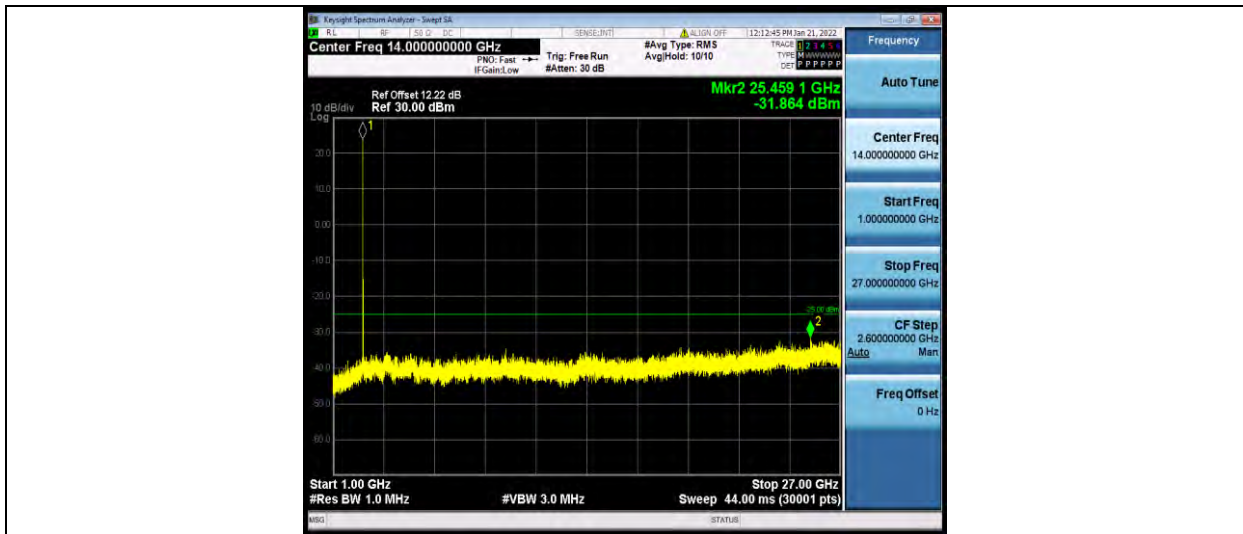


Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz

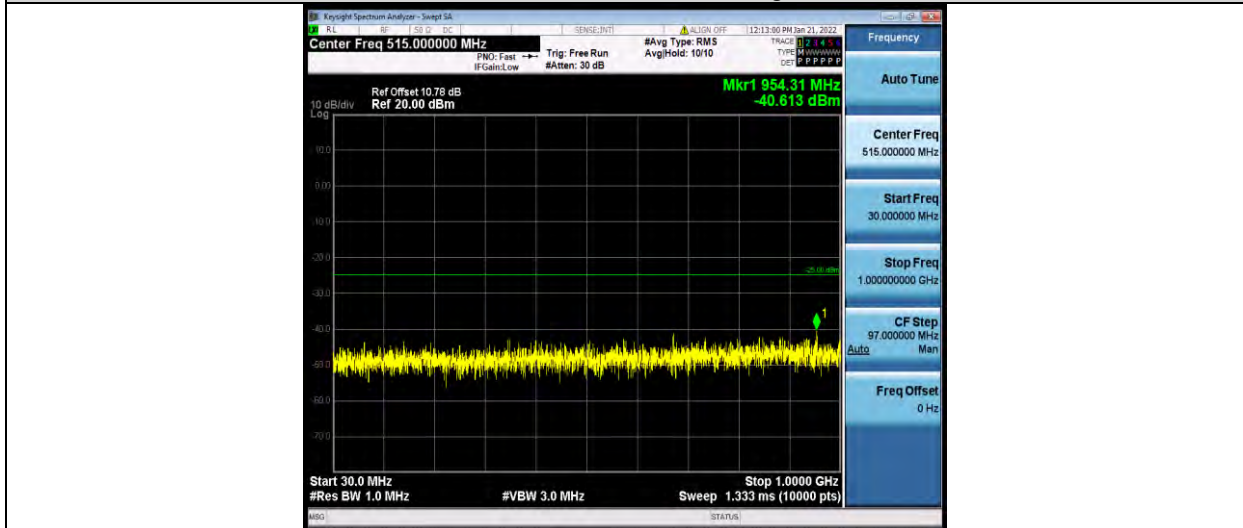


BUREAU VERITAS

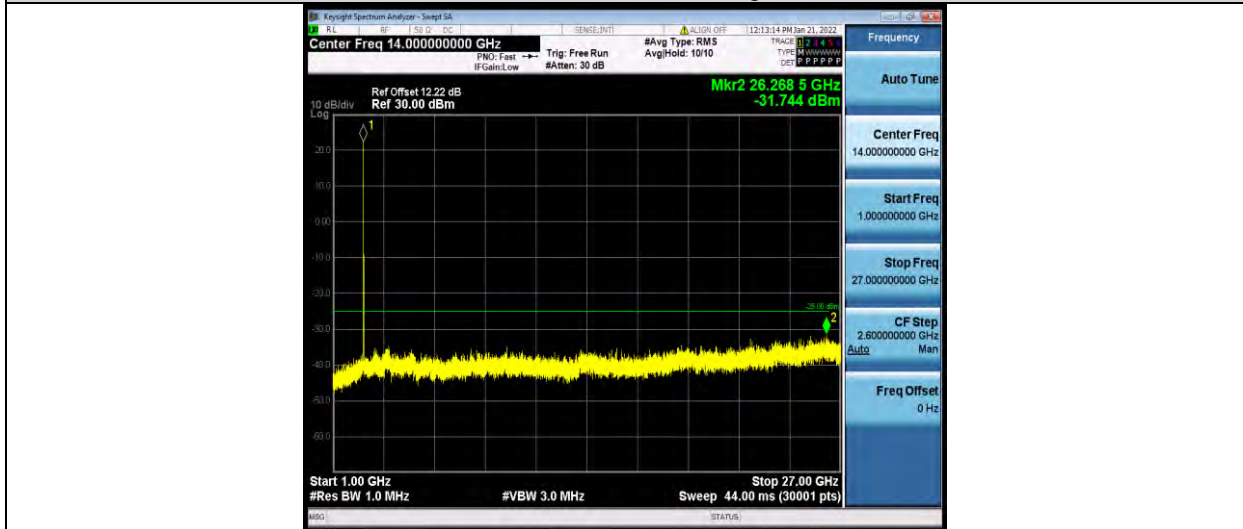
Test Report No.: W7L-P21120038RF05



Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz



Band7-15MHz-64QAM-21375-1RB#0-Range2:1000~27000MHz



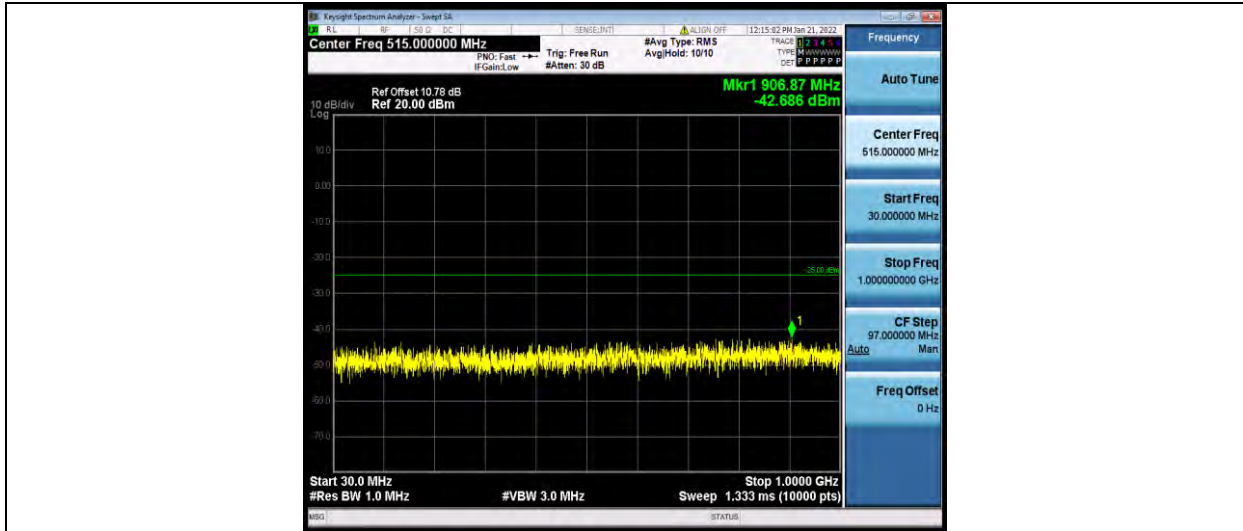
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



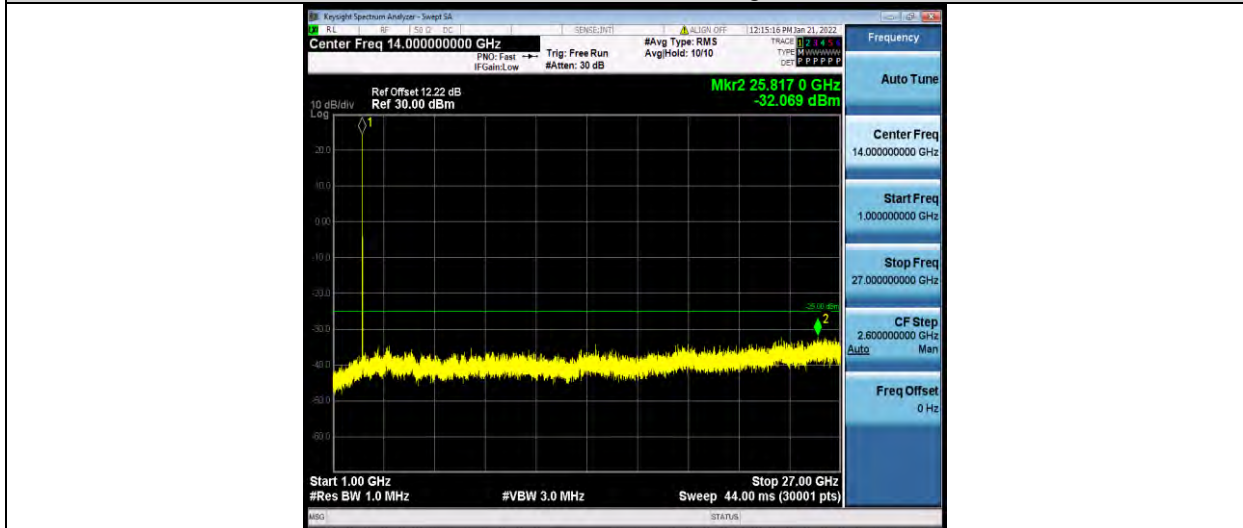


BUREAU VERITAS

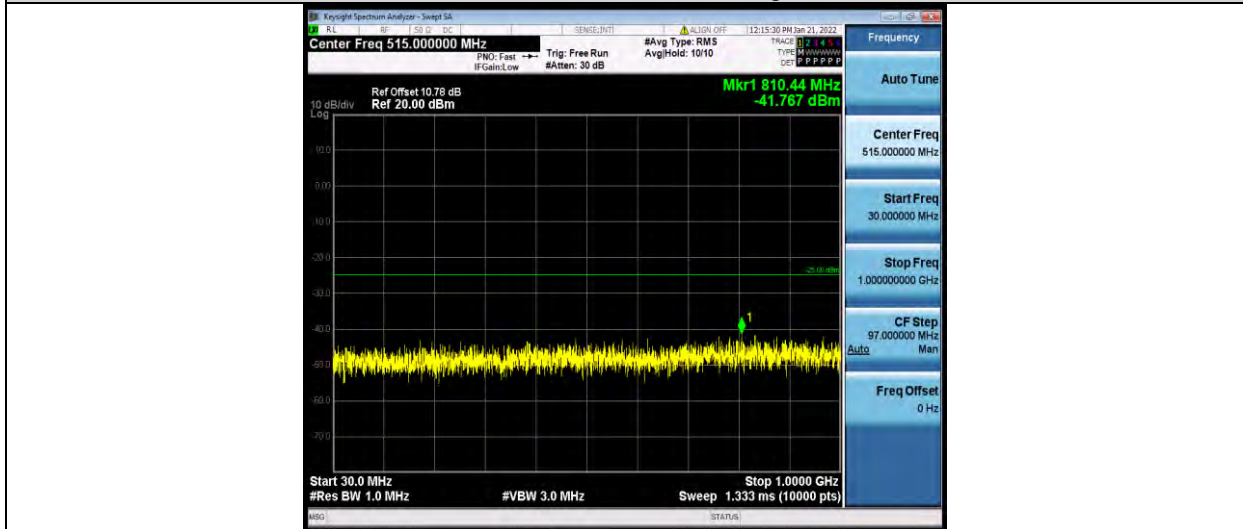
Test Report No.: W7L-P21120038RF05



Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~27000MHz



Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

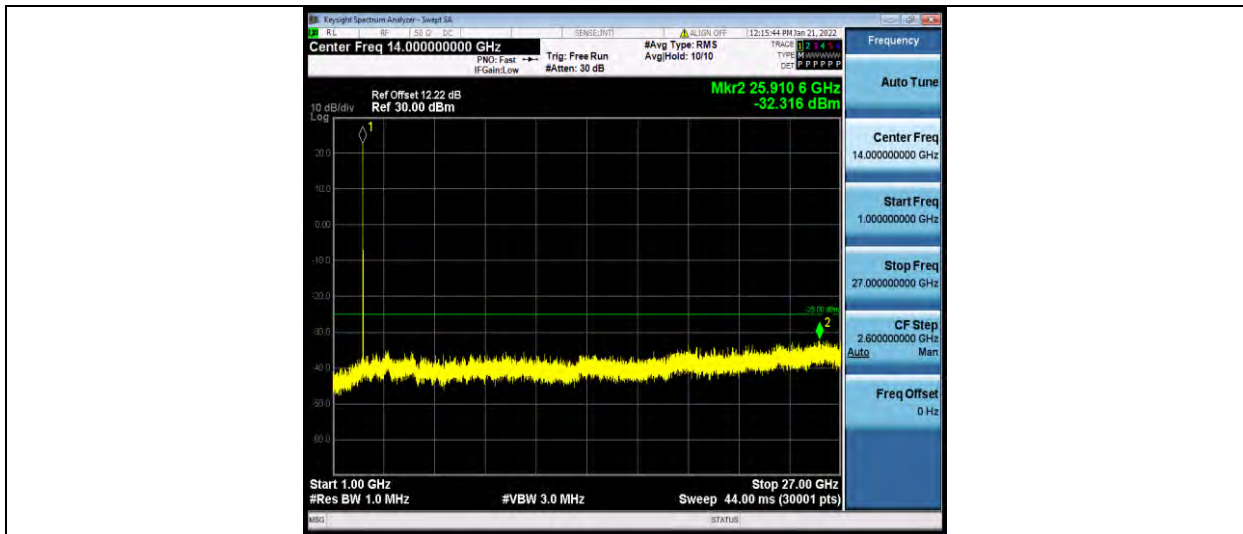


Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz

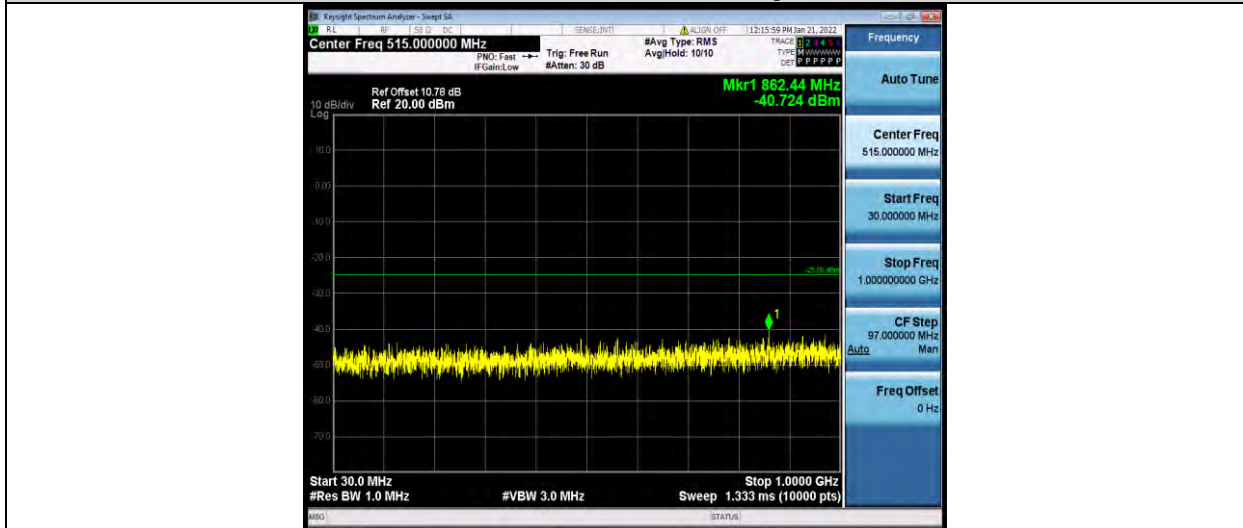


BUREAU VERITAS

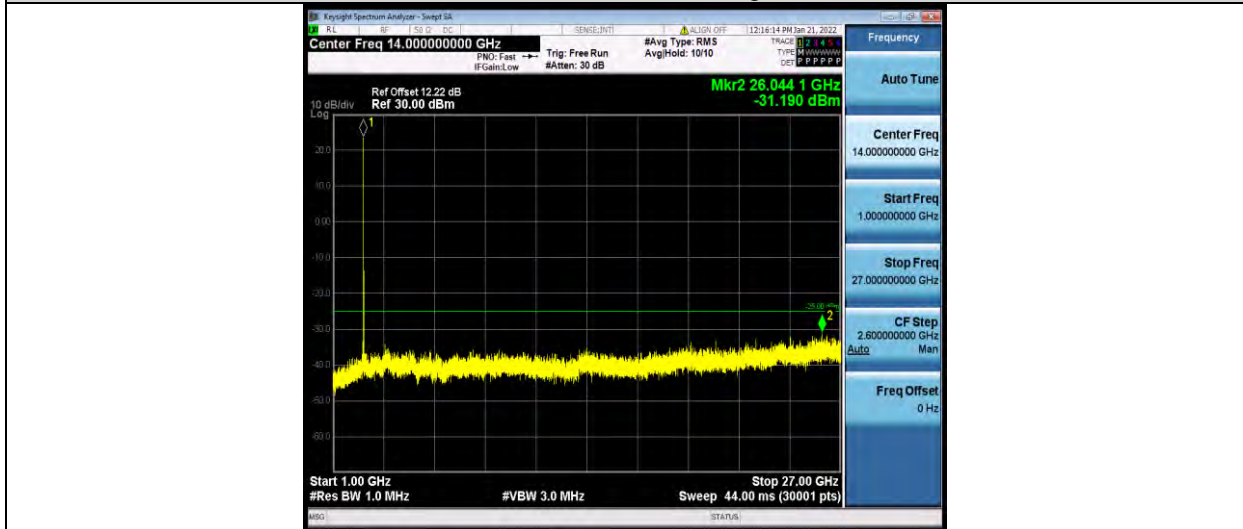
Test Report No.: W7L-P21120038RF05



Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~27000MHz





Test Report No.: W7L-P21120038RF05

## FREQUENCY STABILITY

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	46.39	0.018537	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	52.44	0.020955	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	12.23	0.004887	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	25.12	0.009909	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	27.52	0.010856	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	46.38	0.018296	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-36.75	-0.014314	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	44.50	0.017332	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-25.31	-0.009858	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-28.84	-0.011524	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-52.50	-0.020979	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-27.49	-0.010985	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	23.57	0.009298	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	42.86	0.016907	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-7.57	-0.002986	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	8.73	0.003400	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-56.02	-0.021819	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	11.37	0.004428	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	35.02	0.013980	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	38.07	0.015198	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	35.12	0.014020	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	13.48	0.005318	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	40.90	0.016134	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-18.67	-0.007365	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-26.25	-0.010234	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	36.64	0.014285	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-13.83	-0.005392	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-49.78	-0.019872	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-29.77	-0.011884	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	18.60	0.007425	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	55.68	0.021964	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	55.02	0.021704	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	15.12	0.005964	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-16.29	-0.006351	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	33.47	0.013049	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	11.36	0.004429	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-49.02	-0.019549	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-73.44	-0.029288	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	-48.51	-0.019346	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-46.71	-0.018426	±2.5	PASS



BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	15MHz	QPSK	21100	75RB#0	VN	NT	30.97	0.012217	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-29.87	-0.011783	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-13.55	-0.005288	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	12.93	0.005046	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-47.78	-0.018646	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-18.41	-0.007342	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	-26.21	-0.010453	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-41.13	-0.016403	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-21.24	-0.008379	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-44.98	-0.017744	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	22.93	0.009045	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	21.20	0.008273	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-20.81	-0.008121	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	30.43	0.011875	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	24.65	0.009821	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	43.52	0.017339	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	16.95	0.006753	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	17.78	0.007014	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	52.54	0.020726	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	20.56	0.008110	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	14.86	0.005805	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	24.26	0.009477	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-23.98	-0.009367	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-26.55	-0.010578	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-26.36	-0.010502	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	44.16	0.017594	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	41.36	0.016316	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	29.80	0.011755	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	56.25	0.022189	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-11.66	-0.004555	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-38.51	-0.015043	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	40.00	0.015625	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	52.37	0.020927	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	33.70	0.013467	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	45.49	0.018178	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	24.52	0.009673	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	58.44	0.023053	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	31.09	0.012264	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	-15.48	-0.006029	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	60.04	0.023385	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	-40.91	-0.015934	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	37.92	0.015138	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	18.30	0.007305	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	17.77	0.007094	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	19.57	0.007720	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	41.84	0.016505	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	40.10	0.015819	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	-18.57	-0.007240	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	13.73	0.005353	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	5.91	0.002304	±2.5	PASS





**BUREAU  
VERITAS**

**Test Report No.: W7L-P21120038RF05**

Band7	15MHz	64QAM	20825	75RB#0	VL	NT	39.65	0.015813	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	37.85	0.015095	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	31.36	0.012506	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	34.29	0.013527	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VN	NT	28.27	0.011152	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	24.45	0.009645	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	-46.62	-0.018193	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	26.01	0.010150	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	-29.70	-0.011590	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	32.29	0.012865	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	21.09	0.008402	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-26.25	-0.010458	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	53.30	0.021026	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	42.04	0.016584	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	51.07	0.020146	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	14.53	0.005676	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	34.53	0.013488	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-35.71	-0.013949	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-43.56	-0.017407	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-41.57	-0.016611	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-26.36	-0.010533	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-31.86	-0.012731	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-27.88	-0.011141	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	-2.15	-0.001162	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-0.85	-0.000459	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	0.64	0.000346	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	27.24	0.010746	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	55.40	0.021854	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	60.94	0.024039	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-19.86	-0.007834	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	28.15	0.011105	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	2.21	0.001194	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-2.42	-0.001308	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	1.84	0.000994	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-13.36	-0.005204	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-19.40	-0.007556	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-18.34	-0.007143	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-48.87	-0.019034	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-37.21	-0.014493	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-9.89	-0.012000	±2.5	PASS

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](mailto:customerservice.sw@bureauveritas.com)





BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	5MHz	QPSK	21425	25RB#0	NV	40	-8.74	-0.010604	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-7.27	-0.008821	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	11.69	0.004671	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	36.52	0.014593	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	17.40	0.006953	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	37.09	0.014821	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	40.15	0.016044	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-6.63	-0.008044	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-5.18	-0.006285	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	-4.09	-0.004962	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	31.43	0.012398	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	34.88	0.013759	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	26.36	0.010398	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	9.03	0.003562	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	16.87	0.006655	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-2.85	-0.003458	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-1.78	-0.002160	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	0.69	0.000837	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	0.49	0.000595	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-18.11	-0.007054	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-16.78	-0.006536	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-22.14	-0.008623	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-52.53	-0.020460	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	1.74	0.002111	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	-2.16	-0.002621	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	1.57	0.001905	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-23.96	-0.009565	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-23.10	-0.009222	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	7.08	0.002826	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	28.20	0.011257	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	8.71	0.003477	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-10.22	-0.005517	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-9.54	-0.005150	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-8.28	-0.004470	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	9.31	0.003673	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-15.48	-0.006107	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-28.35	-0.011183	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	18.38	0.007250	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	18.34	0.007235	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-7.18	-0.003876	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-5.43	-0.002931	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-4.21	-0.002273	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-20.73	-0.008082	±2.5	PASS



BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-33.13	-0.012916	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-49.47	-0.019287	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	13.65	0.005322	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	39.05	0.015224	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-3.23	-0.001744	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-2.29	-0.001236	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-0.95	-0.000513	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-14.71	-0.005872	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-22.14	-0.008838	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	11.82	0.004719	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-22.93	-0.009154	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	9.43	0.003764	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	1.74	0.000939	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	-1.84	-0.000993	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	1.62	0.000875	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	11.12	0.004387	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	20.18	0.007961	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	12.97	0.005116	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	53.90	0.021262	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	37.08	0.014627	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	-10.40	-0.012585	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	-9.58	-0.011592	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-8.19	-0.009910	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-8.30	-0.003236	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	7.57	0.002951	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	10.96	0.004273	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-24.49	-0.009548	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-14.98	-0.005840	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-7.36	-0.008906	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	-5.58	-0.006752	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-4.44	-0.005373	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-57.92	-0.023099	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-19.66	-0.007840	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-40.78	-0.016263	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-51.57	-0.020566	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-53.22	-0.021224	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-3.59	-0.004344	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-2.28	-0.002759	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-1.17	-0.001416	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	12.42	0.004899	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-53.09	-0.020943	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-8.74	-0.003448	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-39.37	-0.015531	±2.5	PASS



BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	15MHz	QPSK	21100	75RB#0	NV	20	8.31	0.003278	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	1.54	0.001864	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-1.88	-0.002275	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	1.58	0.001912	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-37.85	-0.014771	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-35.29	-0.013772	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-65.20	-0.025444	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-31.23	-0.012187	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-18.02	-0.007032	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-10.47	-0.012669	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-9.57	-0.011580	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-8.18	-0.009898	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	-25.71	-0.010253	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-59.92	-0.023896	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-32.33	-0.012893	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	-51.13	-0.020391	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	11.24	0.004483	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	-7.31	-0.008846	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	-5.41	-0.006546	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	-4.28	-0.005179	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	40.56	0.016000	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	17.12	0.006753	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-10.31	-0.004067	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-15.78	-0.006225	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-20.20	-0.007968	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	-3.59	-0.004344	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	-2.18	-0.002638	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	-1.17	-0.001416	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	-17.14	-0.006689	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	20.01	0.007809	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	14.59	0.005694	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	27.34	0.010669	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	20.01	0.007809	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	1.54	0.001864	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	-1.84	-0.002227	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	1.59	0.001924	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-7.04	-0.002805	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-29.88	-0.011904	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-5.09	-0.002028	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-18.41	-0.007335	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-40.53	-0.016147	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-9.74	-0.011644	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-8.52	-0.010185	±2.5	PASS



BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	20MHz	QPSK	20850	100RB#0	NV	50	-7.48	-0.008942	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	49.77	0.019633	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-8.93	-0.003523	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-12.47	-0.004919	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	25.26	0.009964	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	34.75	0.013708	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-6.58	-0.007866	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-6.13	-0.007331	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-4.52	-0.005400	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	17.41	0.006801	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-8.05	-0.003145	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-55.45	-0.021660	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	7.84	0.003063	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-37.16	-0.014516	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-9.45	-0.011297	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-8.65	-0.010343	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-7.27	-0.008692	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	37.18	0.014813	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	16.26	0.006478	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	14.41	0.005741	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-11.54	-0.004598	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	20.07	0.007996	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-5.95	-0.007119	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-5.02	-0.006003	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-3.90	-0.004664	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	42.84	0.016899	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	49.54	0.019542	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-21.03	-0.008296	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	28.97	0.011428	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	49.42	0.019495	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-2.31	-0.002756	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-1.38	-0.001651	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-0.34	-0.000402	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	40.53	0.015832	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-12.35	-0.004824	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	38.88	0.015188	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	10.46	0.004086	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	21.03	0.008215	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-9.17	-0.010957	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-7.63	-0.009116	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-6.78	-0.008100	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-30	40.68	0.016256	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-20	-20.50	-0.008192	±2.5	PASS





BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	5MHz	64QAM	20775	25RB#0	NV	0	-33.85	-0.013526	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	10	-26.34	-0.010525	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	20	-31.94	-0.012763	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	30	-5.73	-0.006851	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	40	-4.17	-0.004987	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	50	-2.97	-0.003548	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-30	-7.82	-0.003085	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-20	24.38	0.009617	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	0	-13.32	-0.005254	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	10	17.71	0.006986	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	20	-11.44	-0.004513	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	30	-2.37	-0.002834	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	40	-1.46	-0.001741	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	50	-0.35	-0.000424	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-30	-41.41	-0.016129	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-20	-44.40	-0.017293	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	0	-47.01	-0.018310	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	10	-24.06	-0.009371	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	20	-16.61	-0.006469	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	30	-9.04	-0.010812	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	40	-7.91	-0.009450	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	50	-6.79	-0.008123	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	-23.32	-0.009309	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	-21.54	-0.008599	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	0	14.79	0.005904	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	26.76	0.010683	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	33.93	0.013545	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	30	-5.01	-0.005992	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	40	-3.97	-0.004742	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	50	-3.13	-0.003738	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	43.83	0.017290	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	11.66	0.004600	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	18.20	0.007179	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	-9.54	-0.003763	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	-8.45	-0.003333	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	30	-2.03	-0.002432	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	40	-1.10	-0.001317	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	50	0.17	0.000201	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	-26.71	-0.010413	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	-21.07	-0.008214	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	-34.02	-0.013263	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	5.74	0.002238	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	-8.45	-0.003294	±2.5	PASS



BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band7	10MHz	64QAM	21400	50RB#0	NV	30	-9.96	-0.003930	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	40	-8.73	-0.003442	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	50	-7.77	-0.003063	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-30	41.86	0.016694	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-20	39.98	0.015944	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	0	-28.57	-0.011394	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	10	-6.15	-0.002453	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	20	11.19	0.004463	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	30	-6.73	-0.002655	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	40	-5.61	-0.002213	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	50	-4.62	-0.001822	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-30	11.73	0.004627	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-20	47.41	0.018702	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	0	7.37	0.002907	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	10	27.11	0.010694	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	20	-7.78	-0.003069	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	30	-3.48	-0.001372	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	40	-1.93	-0.000762	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	50	-0.42	-0.000164	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-30	-25.62	-0.009998	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-20	-46.38	-0.018100	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	0	-46.06	-0.017975	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	10	-37.11	-0.014482	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	20	-13.35	-0.005210	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	30	-10.52	-0.004149	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	40	-9.33	-0.003682	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	50	-7.18	-0.002832	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-41.20	-0.016414	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-43.89	-0.017486	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	-26.26	-0.010462	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-26.61	-0.010602	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	7.68	0.003060	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	-5.60	-0.002209	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	-4.70	-0.001856	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	-3.94	-0.001553	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	34.60	0.013649	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	40.78	0.016087	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	25.79	0.010174	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	24.78	0.009775	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	17.92	0.007069	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-2.28	-0.000900	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	-1.86	-0.000732	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	-0.90	-0.000353	±2.5	PASS



**BUREAU  
VERITAS**

**Test Report No.: W7L-P21120038RF05**

Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-28.05	-0.010957	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-49.51	-0.019340	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-10.97	-0.004285	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	-15.58	-0.006086	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	-35.89	-0.014020	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	-10.97	-0.004326	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-10.31	-0.004069	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	-7.98	-0.003147	±2.5	PASS



Test Report No.: W7L-P21120038RF05

## LTE BAND12

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

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.84	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.61	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.36	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.99	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.92	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.66	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.97	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.48	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.85	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.03	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.94	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.29	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.09	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.64	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.30	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.04	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.90	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.72	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.30	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.51	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.94	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.11	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.67	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.94	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.82	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.39	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.10	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.44	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.90	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.71	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.42	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.81	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.25	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.72	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.06	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.92	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.97	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.17	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.11	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.05	13	PASS



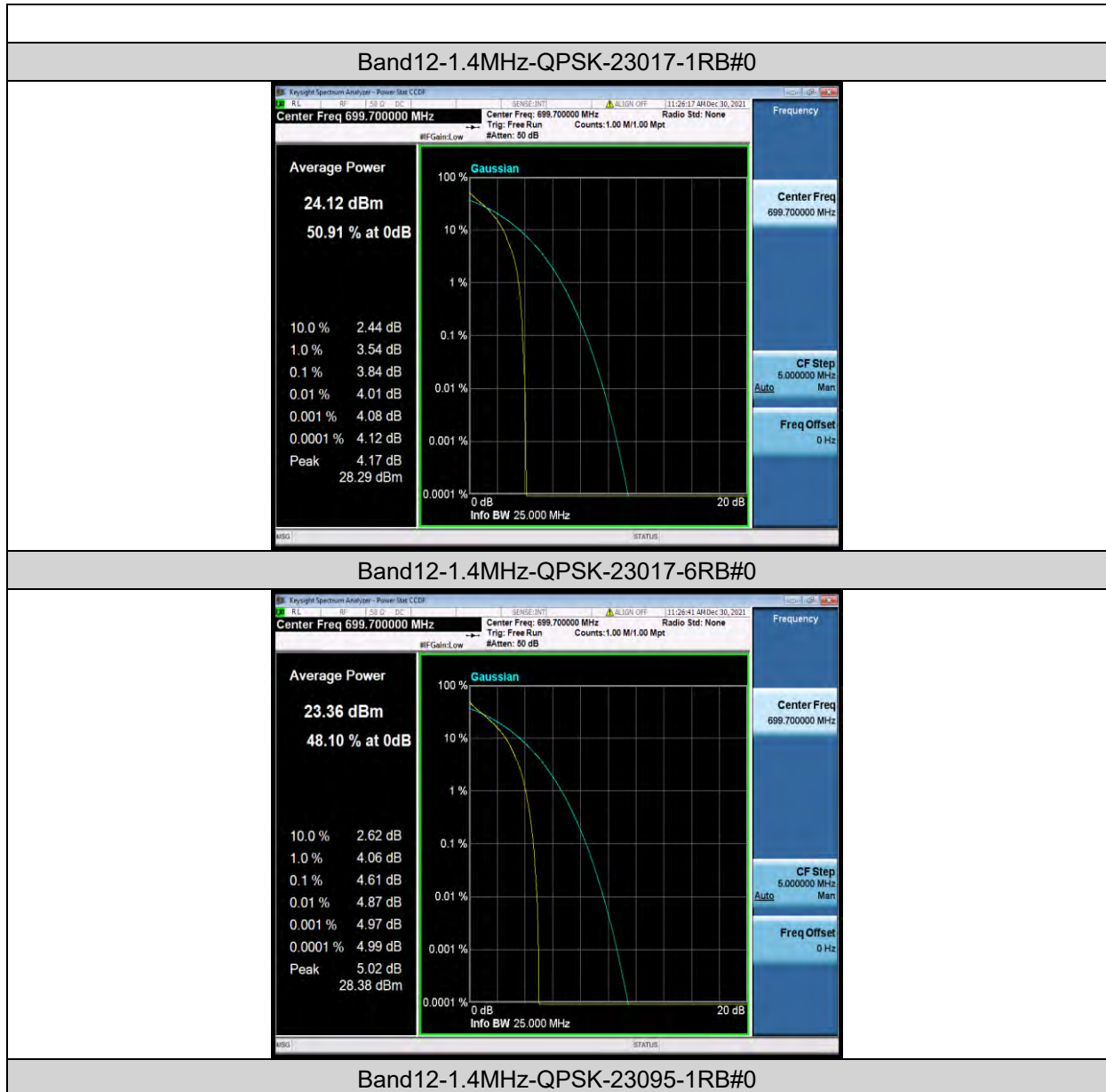


BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05

Band12	10MHz	16QAM	23060	1RB#0	4.44	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.97	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.99	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.20	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.74	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	5.74	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	5.94	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	5.68	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.04	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	5.52	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.20	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	5.40	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	5.95	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	5.73	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.14	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	5.65	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.31	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	5.34	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.11	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	5.84	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.04	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	5.51	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.24	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	5.08	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.28	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	5.52	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.18	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	5.43	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.36	13	PASS

## Test Graphs



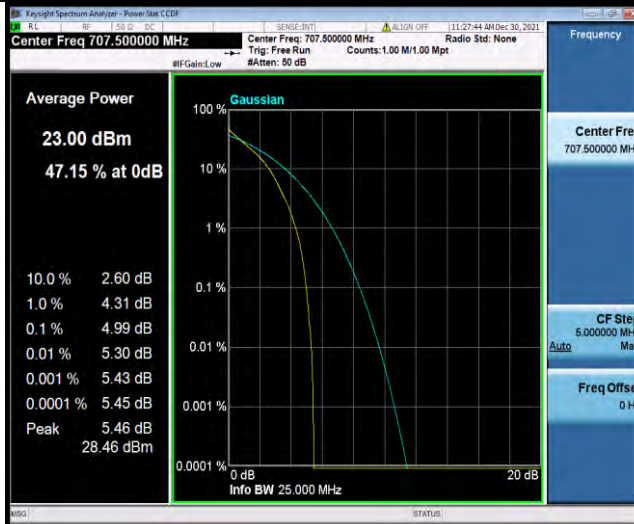


BUREAU  
VERITAS

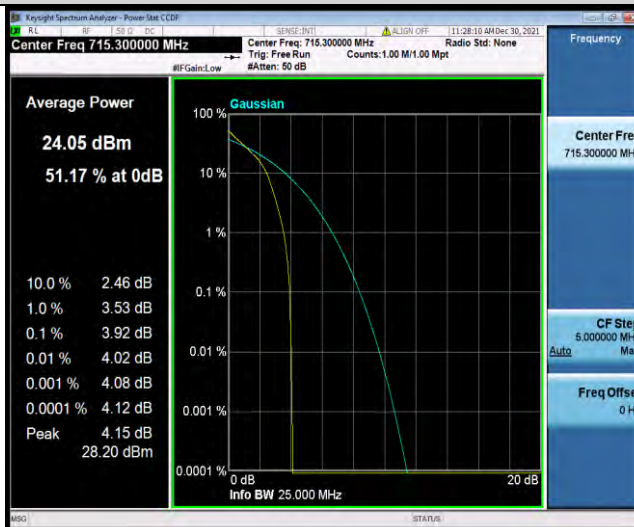
Test Report No.: W7L-P21120038RF05



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

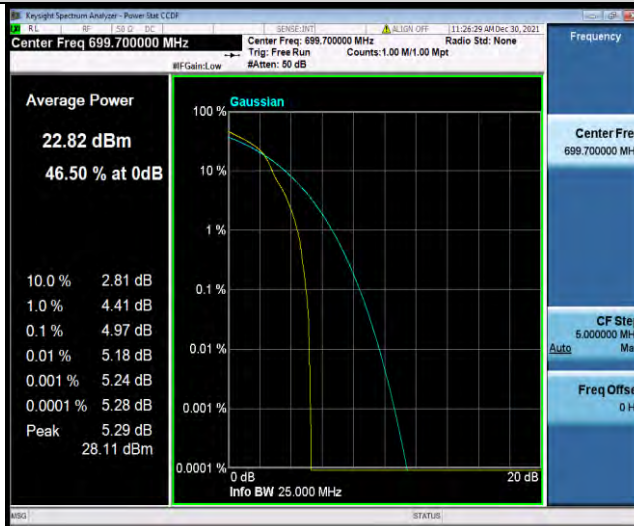


BUREAU VERITAS

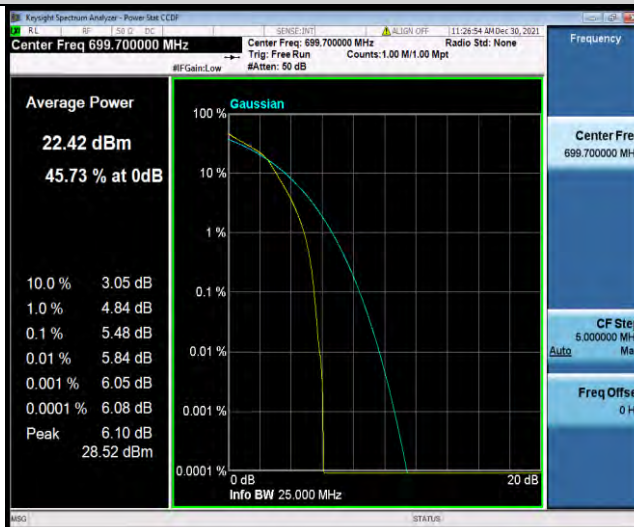
Test Report No.: W7L-P21120038RF05



Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



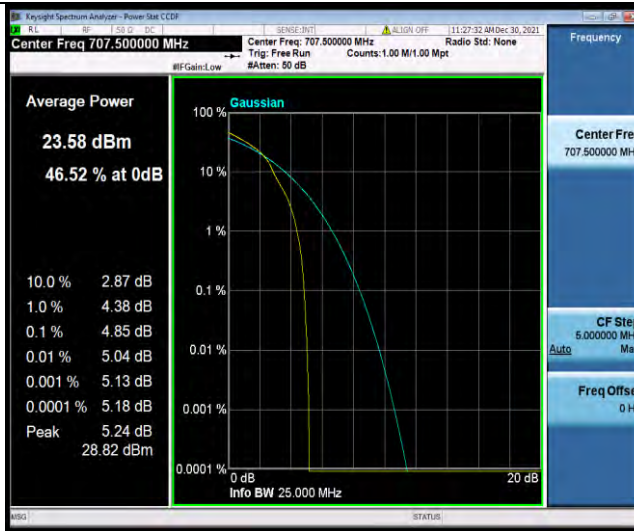
Band12-1.4MHz-16QAM-23095-1RB#0



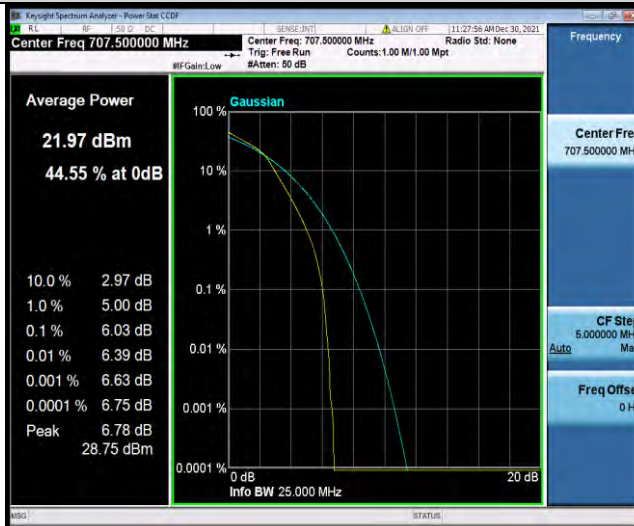


BUREAU VERITAS

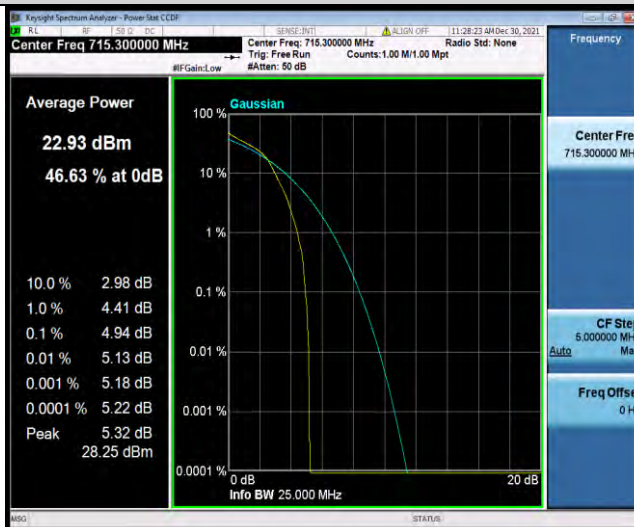
Test Report No.: W7L-P21120038RF05



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-1RB#0

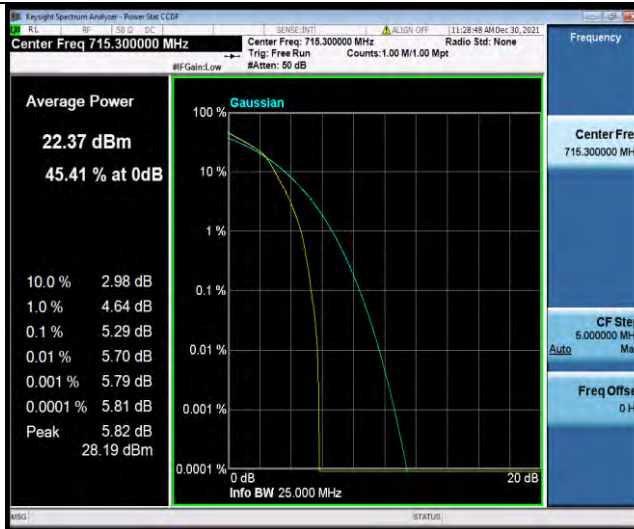


Band12-1.4MHz-16QAM-23173-6RB#0

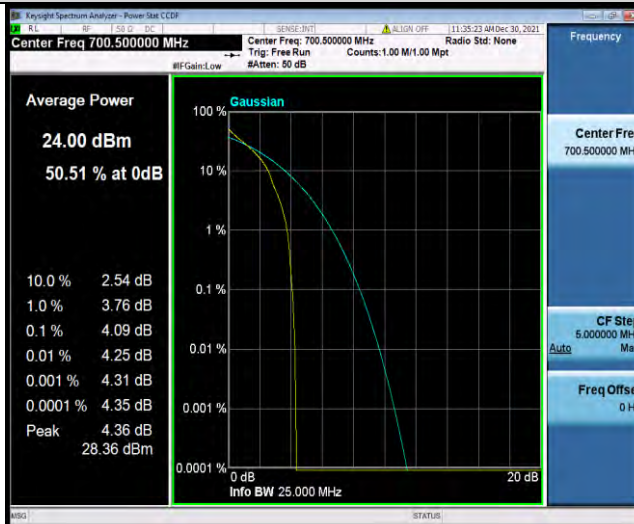


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0

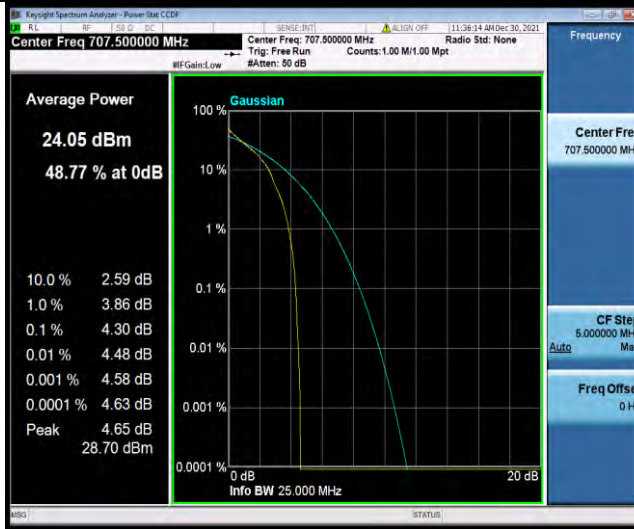


Band12-3MHz-QPSK-23095-1RB#0

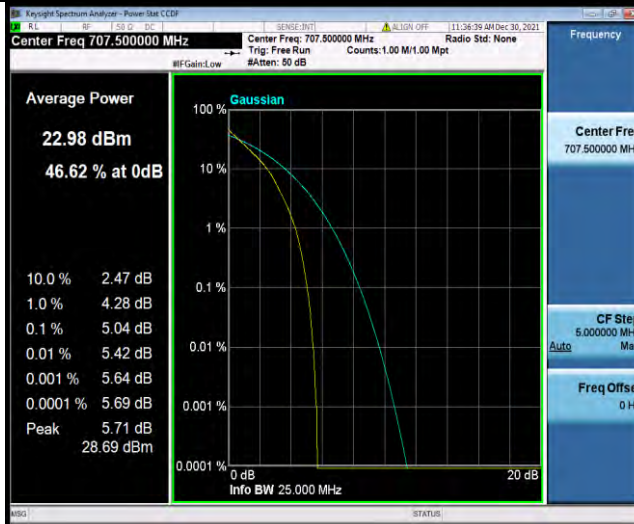


BUREAU VERITAS

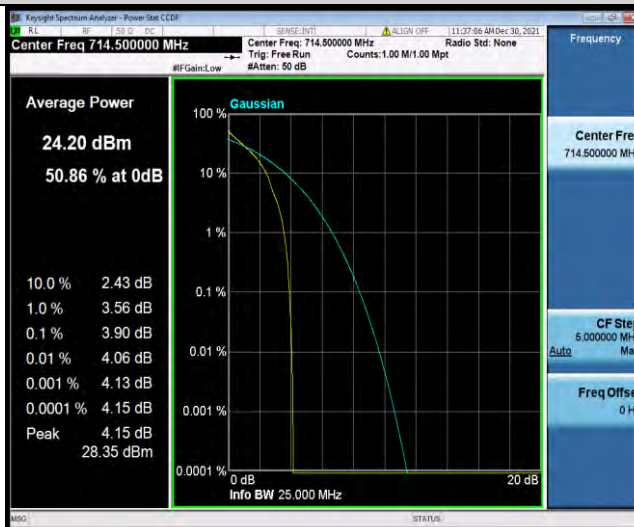
Test Report No.: W7L-P21120038RF05



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-1RB#0



Band12-3MHz-QPSK-23165-15RB#0



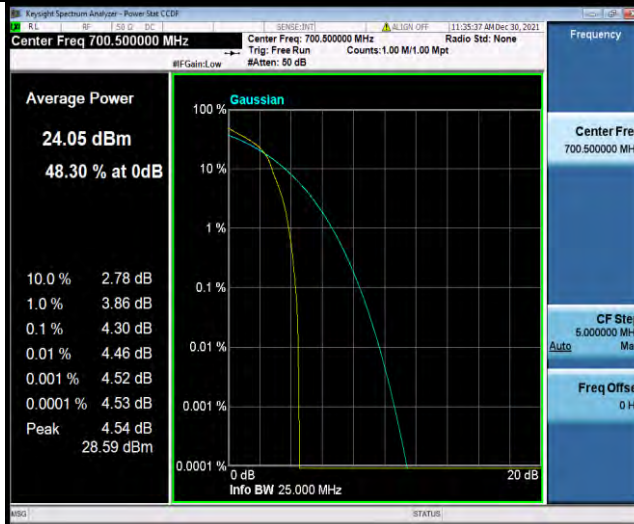


BUREAU VERITAS

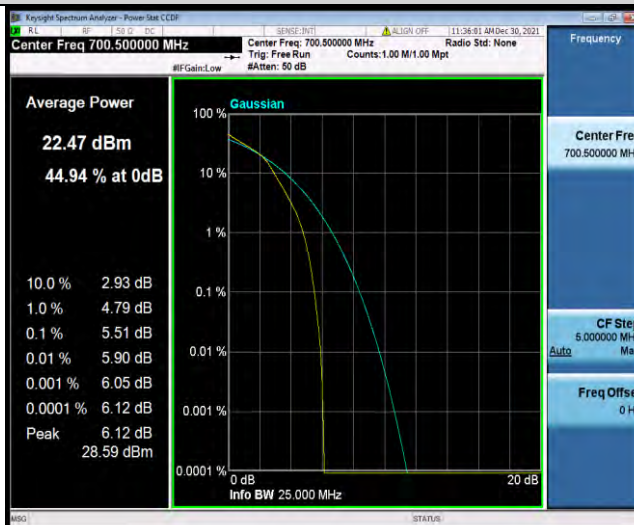
Test Report No.: W7L-P21120038RF05



Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-15RB#0



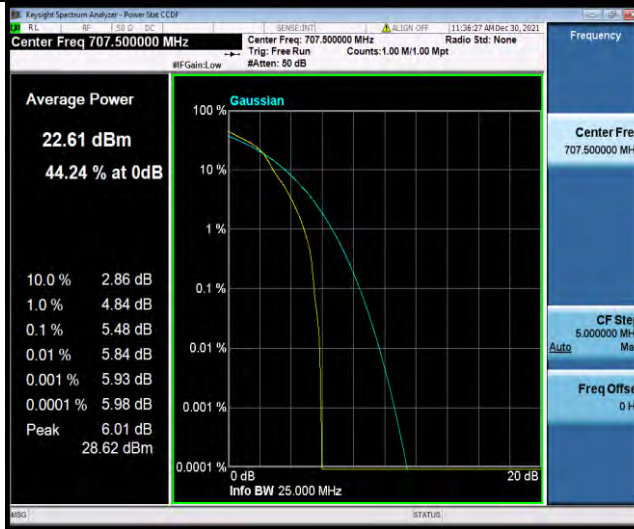
Band12-3MHz-16QAM-23095-1RB#0



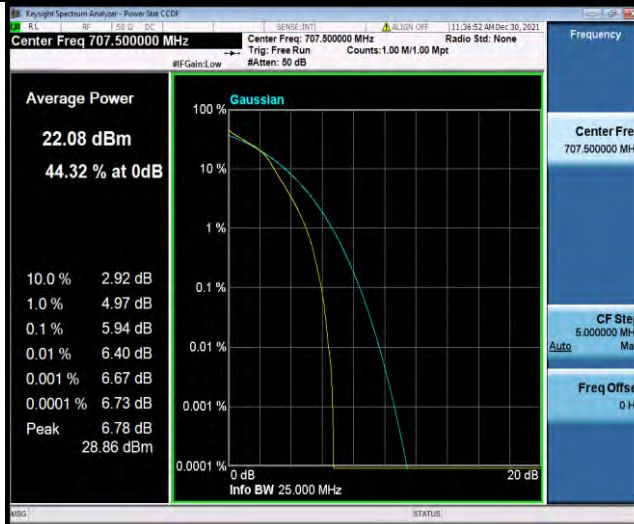


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-1RB#0



Band12-3MHz-16QAM-23165-15RB#0

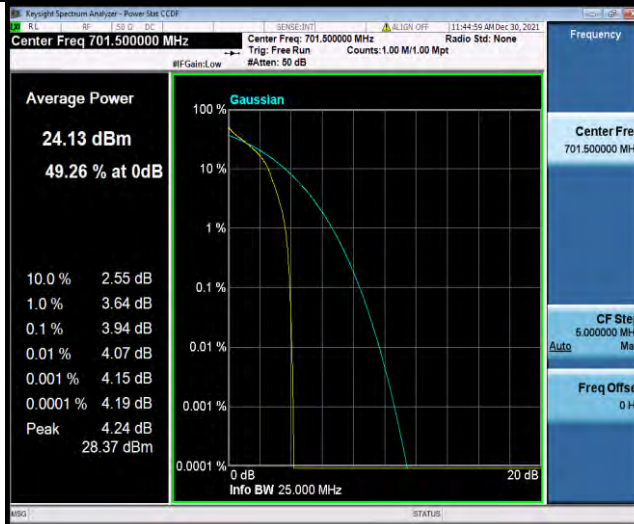


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-5MHz-QPSK-23035-1RB#0



Band12-5MHz-QPSK-23035-25RB#0

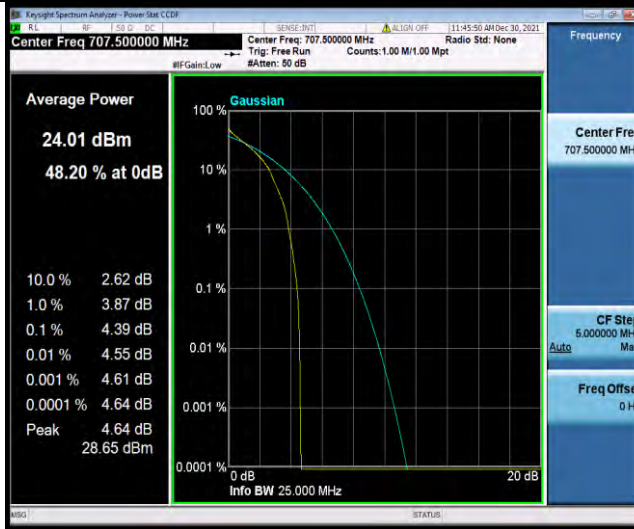


Band12-5MHz-QPSK-23095-1RB#0

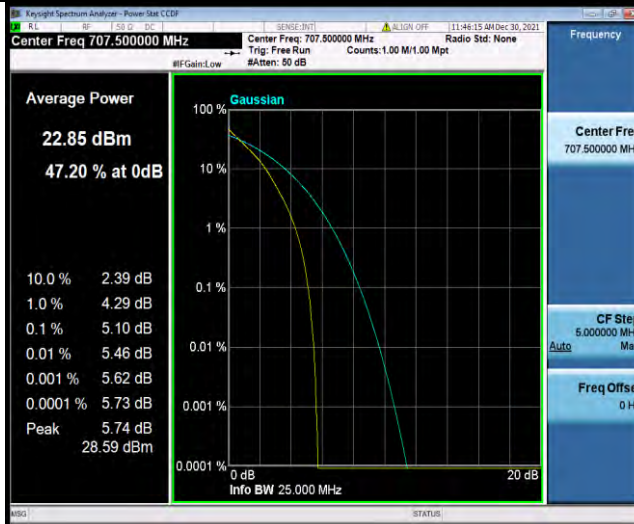


BUREAU VERITAS

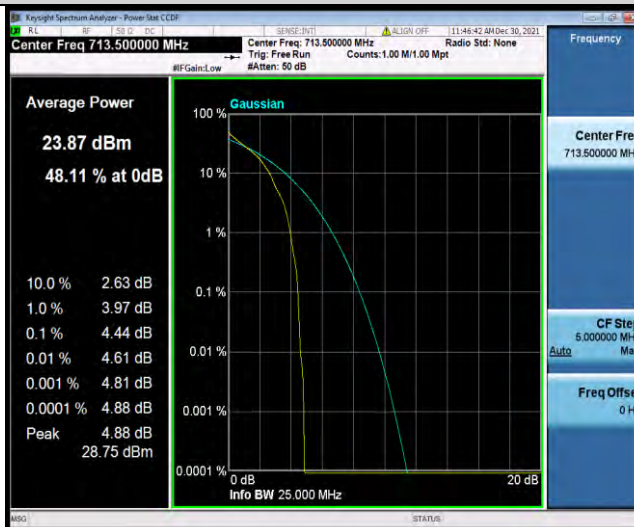
Test Report No.: W7L-P21120038RF05



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-1RB#0



Band12-5MHz-QPSK-23155-25RB#0



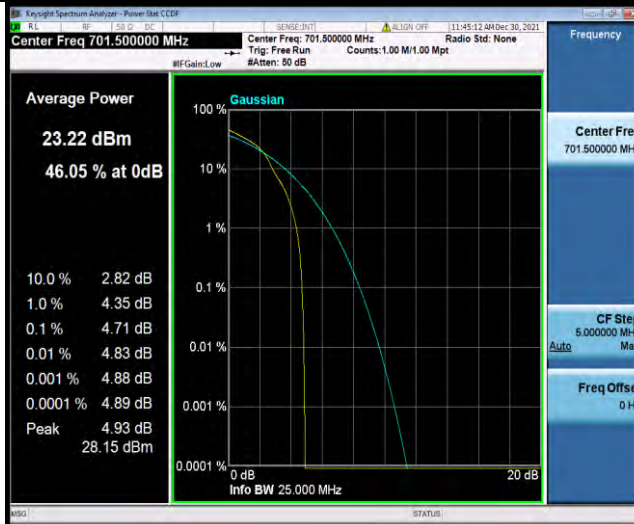


BUREAU VERITAS

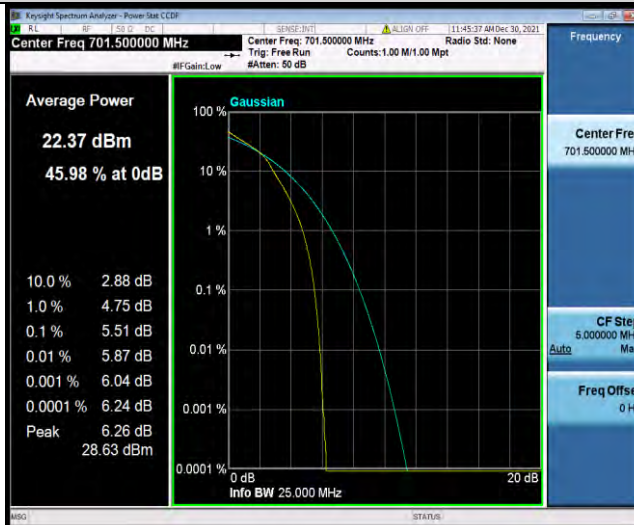
Test Report No.: W7L-P21120038RF05



Band12-5MHz-16QAM-23035-1RB#0



Band12-5MHz-16QAM-23035-25RB#0



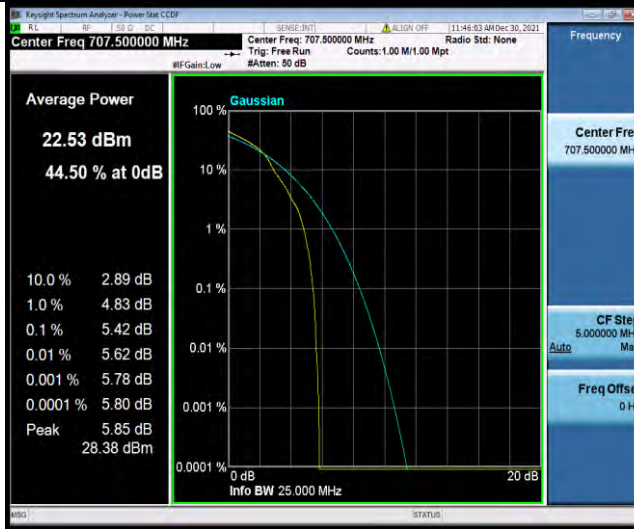
Band12-5MHz-16QAM-23095-1RB#0



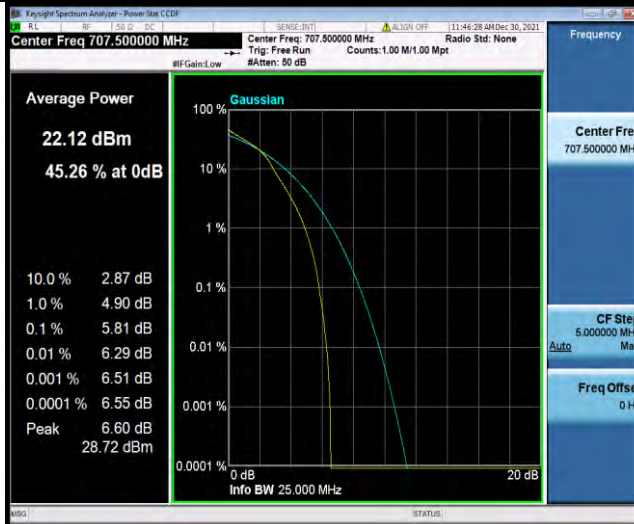


BUREAU VERITAS

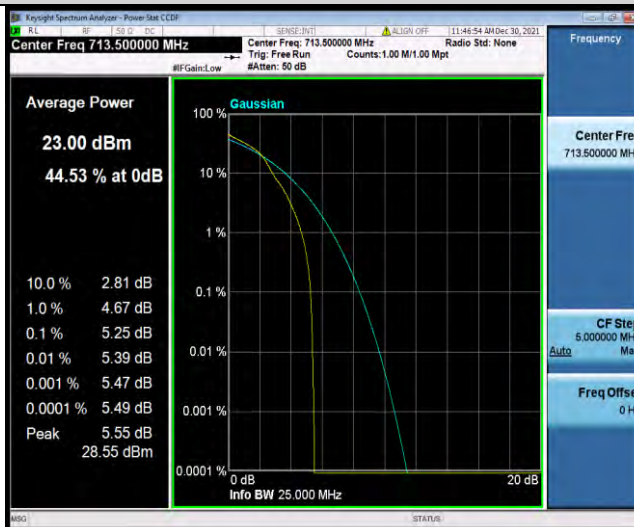
Test Report No.: W7L-P21120038RF05



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-1RB#0



Band12-5MHz-16QAM-23155-25RB#0

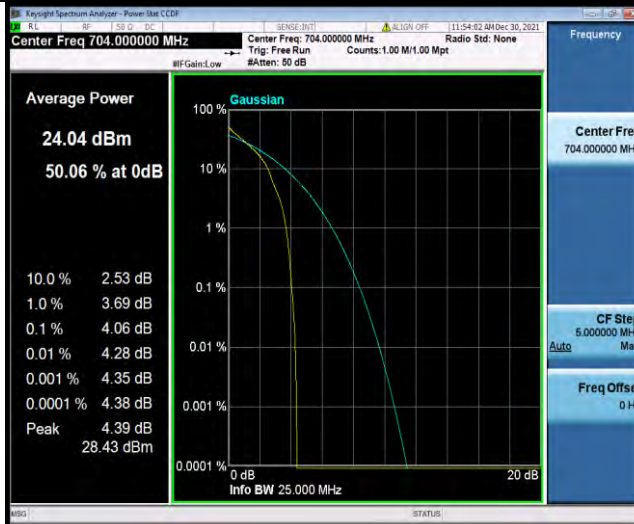


BUREAU VERITAS

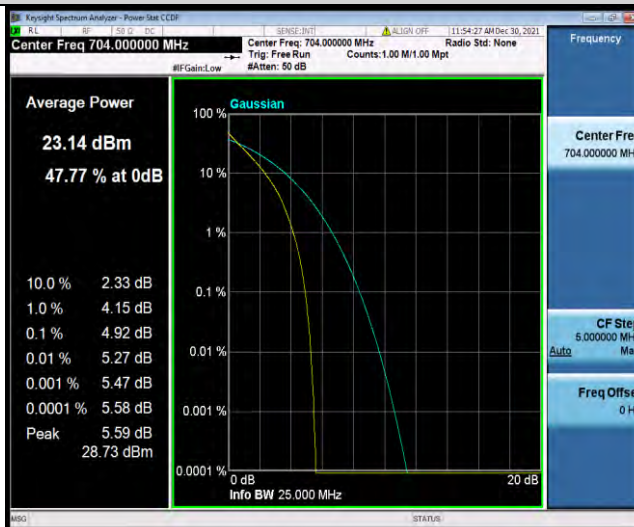
Test Report No.: W7L-P21120038RF05



Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-50RB#0

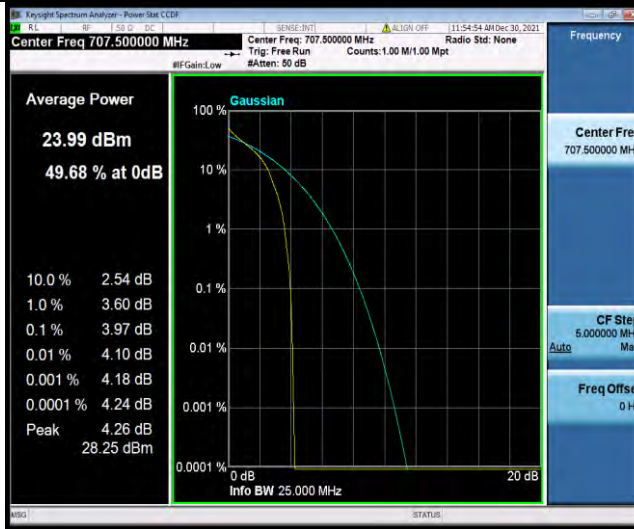


Band12-10MHz-QPSK-23095-1RB#0

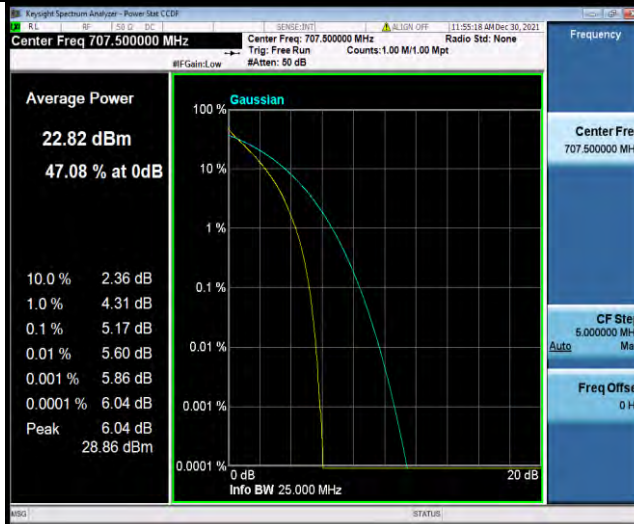


BUREAU VERITAS

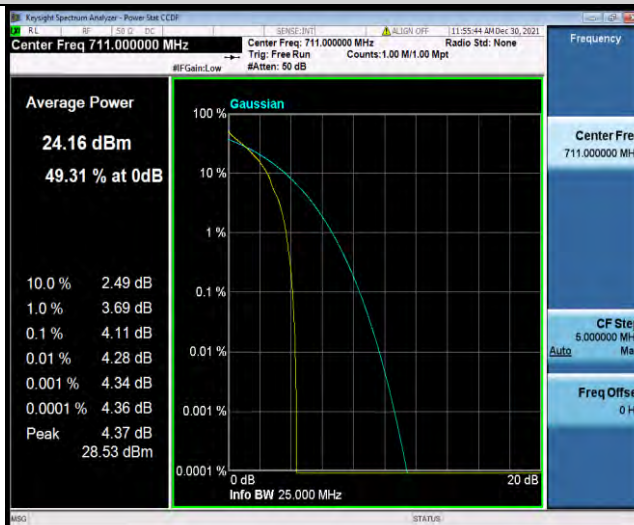
Test Report No.: W7L-P21120038RF05



Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-1RB#0



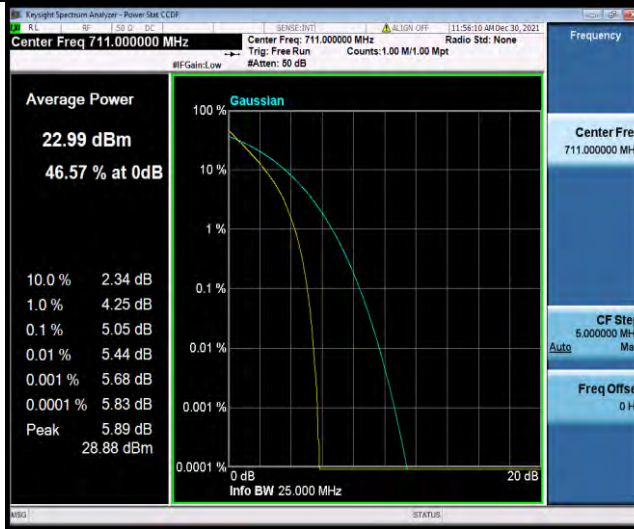
Band12-10MHz-QPSK-23130-50RB#0



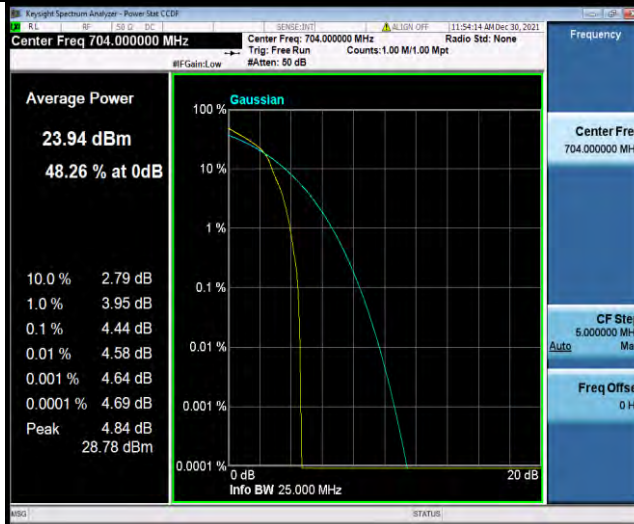


BUREAU VERITAS

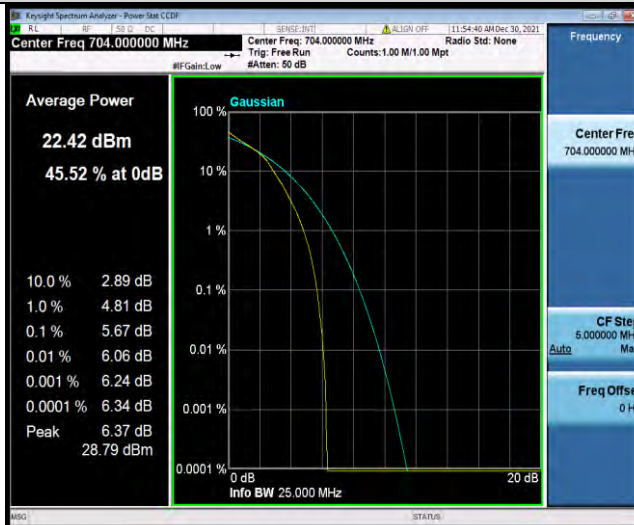
Test Report No.: W7L-P21120038RF05



Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0



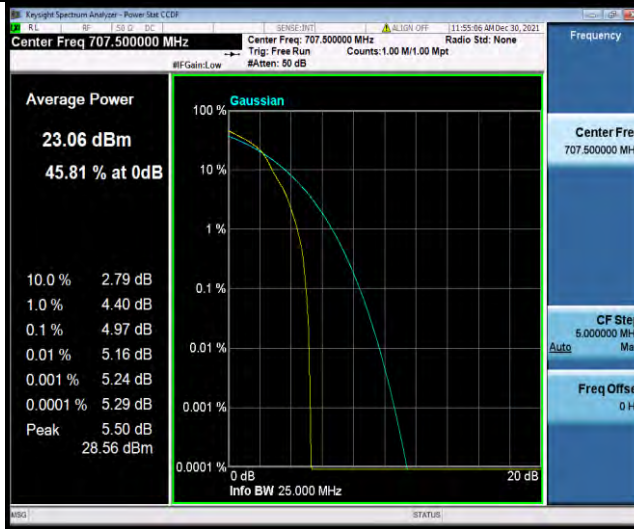
Band12-10MHz-16QAM-23095-1RB#0



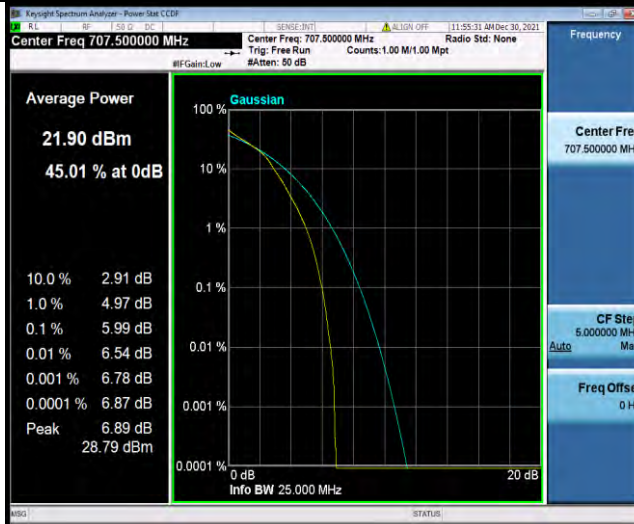


BUREAU VERITAS

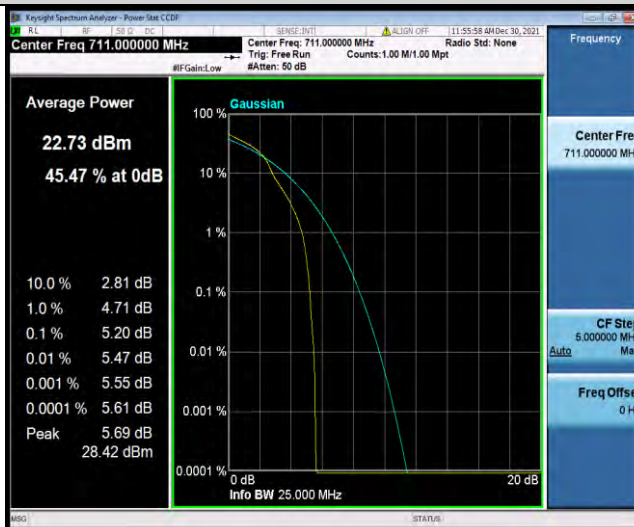
Test Report No.: W7L-P21120038RF05



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-50RB#0

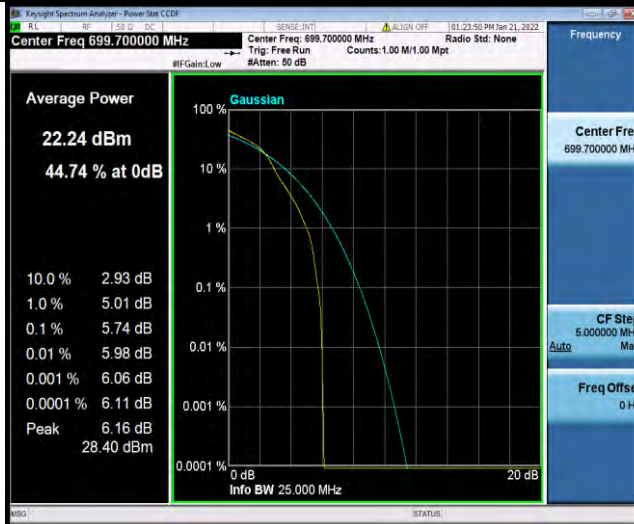


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-1.4MHz-64QAM-23017-1RB#0



Band12-1.4MHz-64QAM-23017-6RB#0

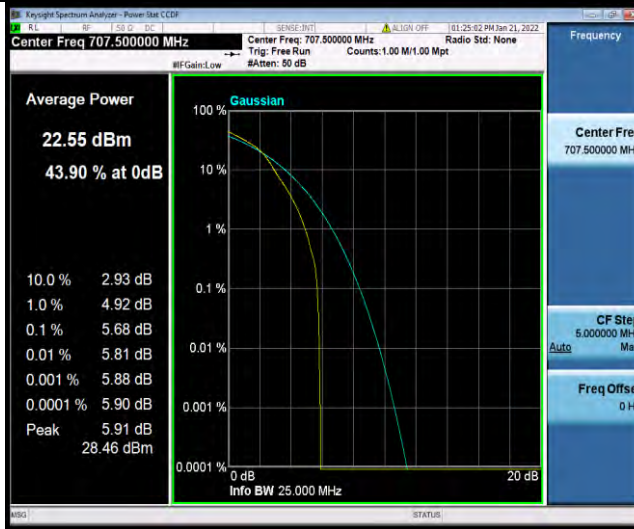


Band12-1.4MHz-64QAM-23095-1RB#0

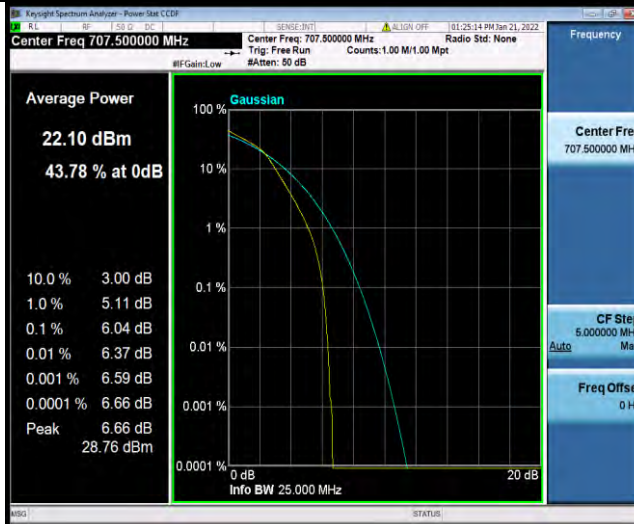


BUREAU VERITAS

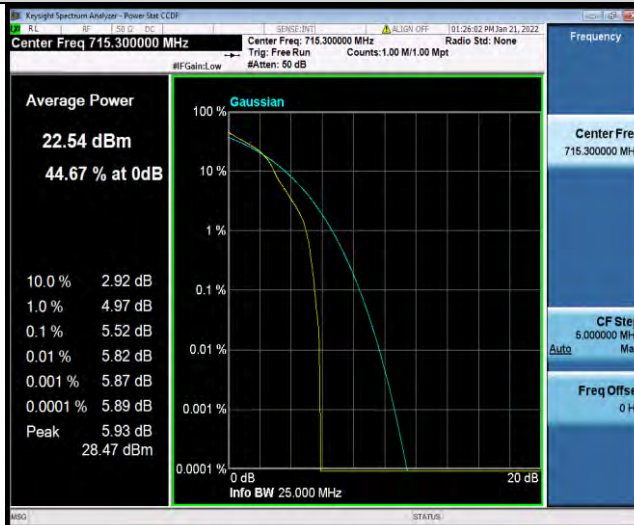
Test Report No.: W7L-P21120038RF05



Band12-1.4MHz-64QAM-23095-6RB#0



Band12-1.4MHz-64QAM-23173-1RB#0



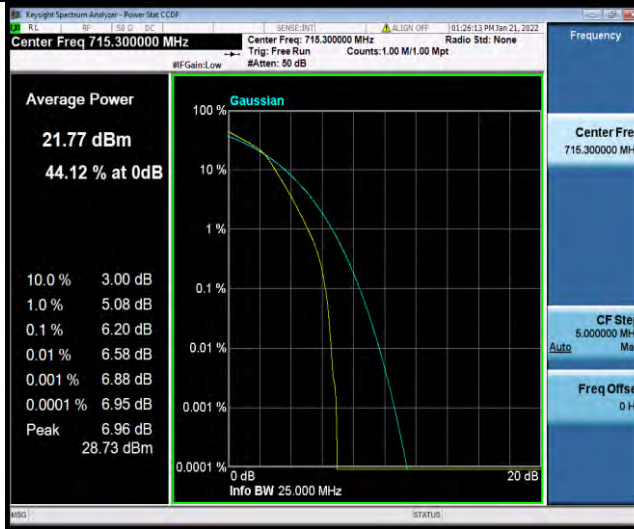
Band12-1.4MHz-64QAM-23173-6RB#0



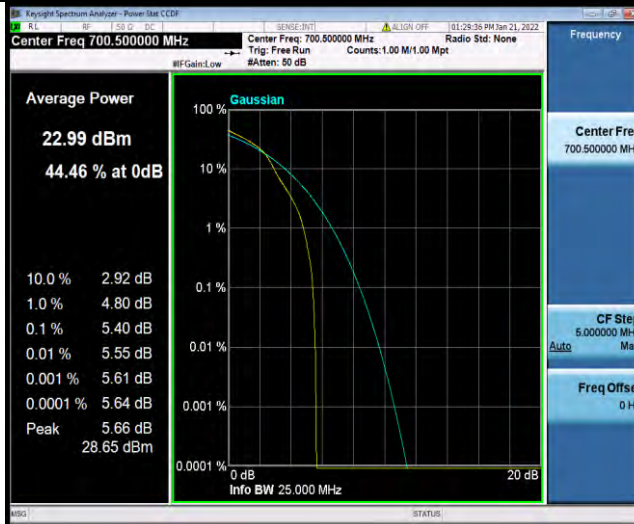


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-3MHz-64QAM-23025-1RB#0



Band12-3MHz-64QAM-23025-15RB#0



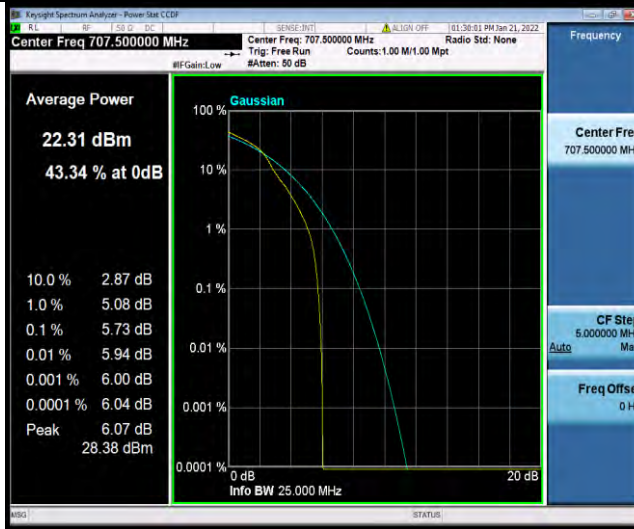
Band12-3MHz-64QAM-23095-1RB#0



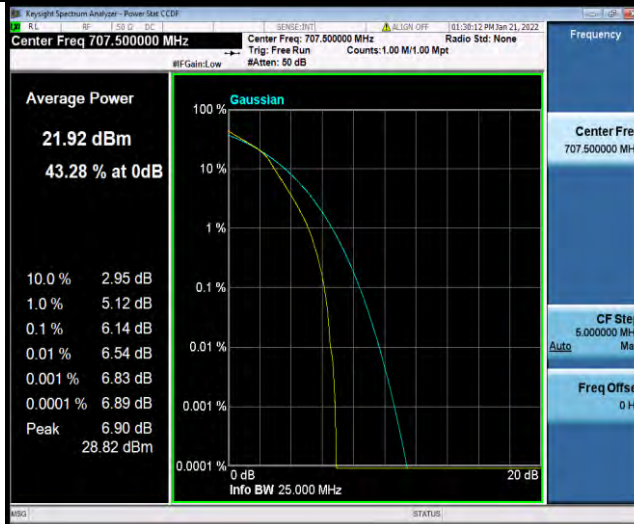


BUREAU  
VERITAS

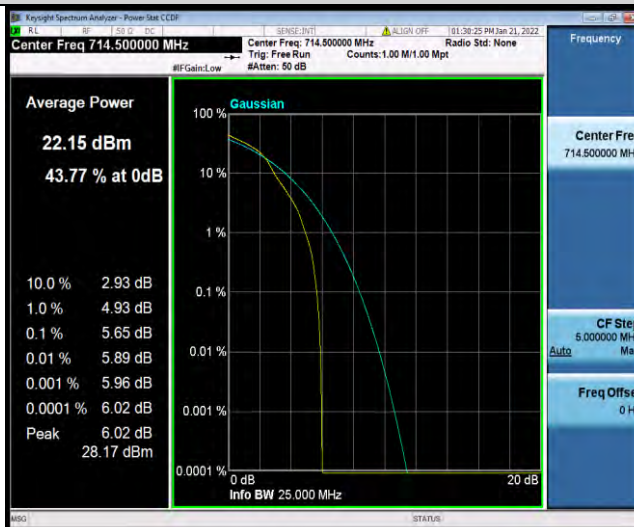
Test Report No.: W7L-P21120038RF05



Band12-3MHz-64QAM-23095-15RB#0



Band12-3MHz-64QAM-23165-1RB#0

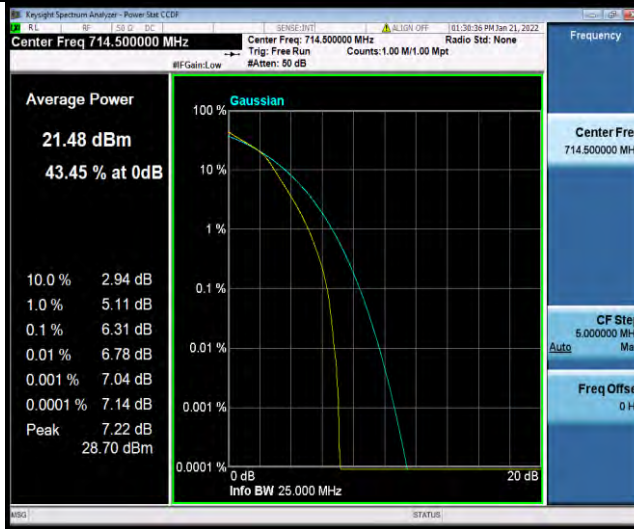


Band12-3MHz-64QAM-23165-15RB#0

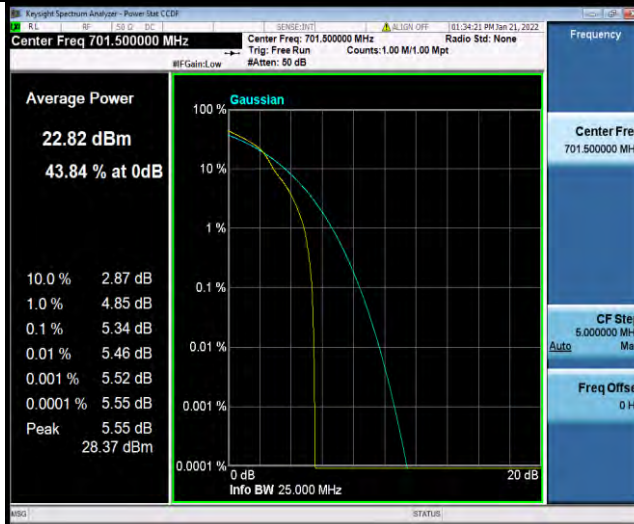


BUREAU VERITAS

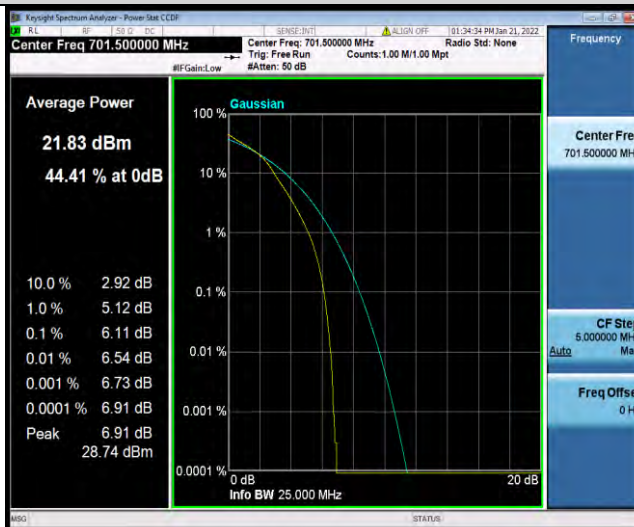
Test Report No.: W7L-P21120038RF05



Band12-5MHz-64QAM-23035-1RB#0



Band12-5MHz-64QAM-23035-25RB#0

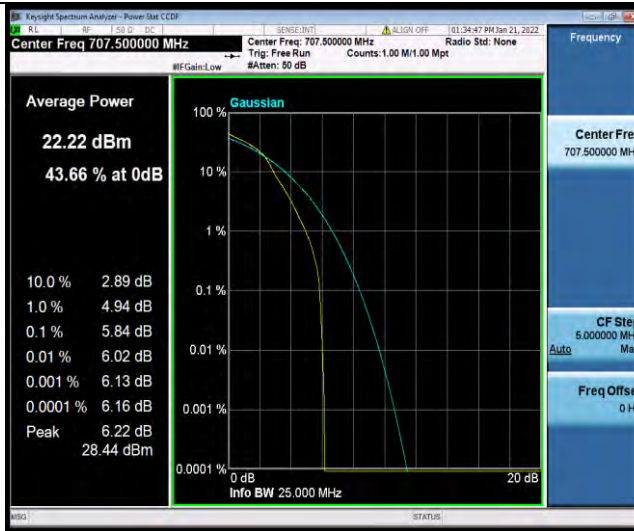


Band12-5MHz-64QAM-23095-1RB#0

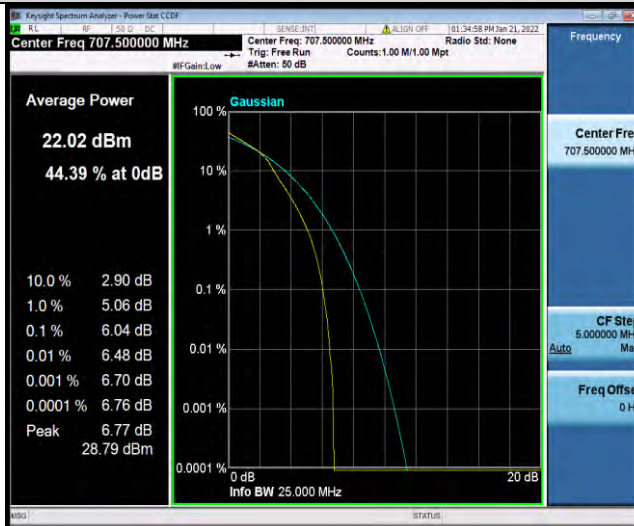


BUREAU VERITAS

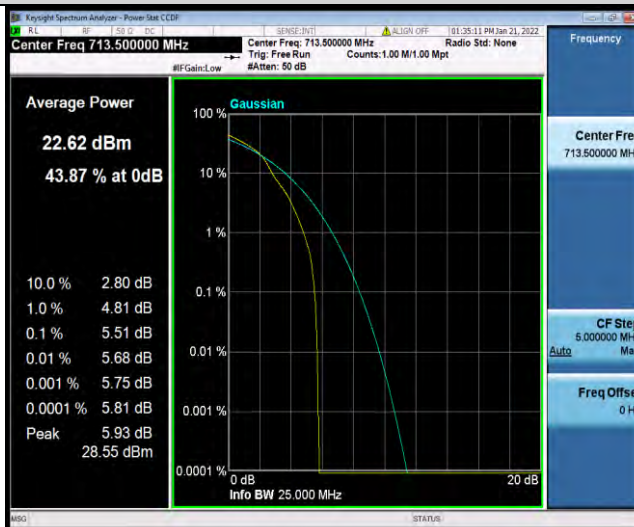
Test Report No.: W7L-P21120038RF05



Band12-5MHz-64QAM-23095-25RB#0



Band12-5MHz-64QAM-23155-1RB#0



Band12-5MHz-64QAM-23155-25RB#0



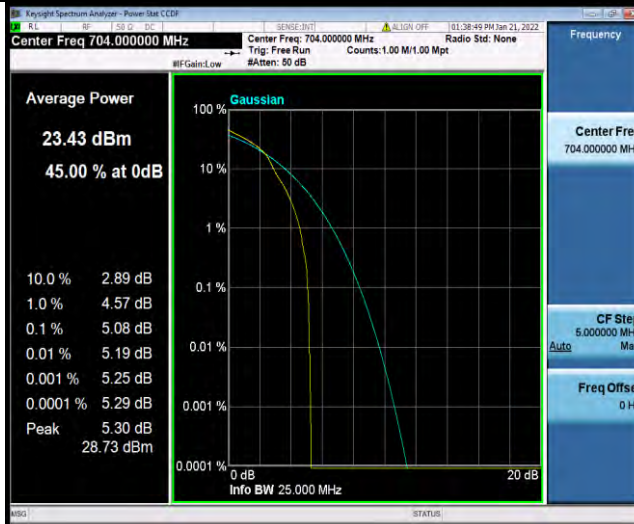


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-10MHz-64QAM-23060-1RB#0



Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23095-1RB#0



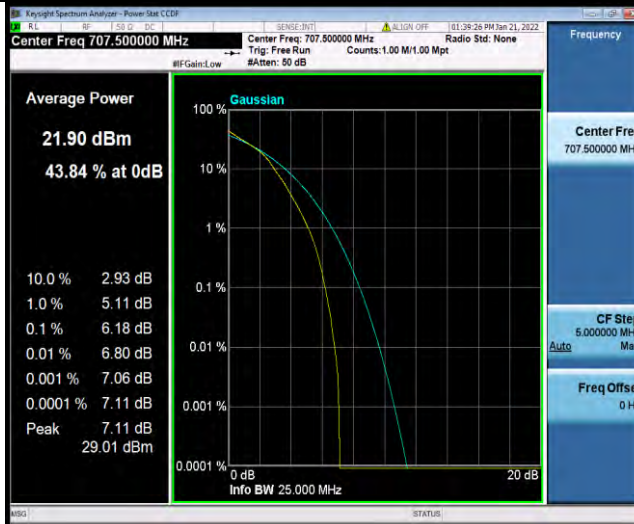


BUREAU  
VERITAS

Test Report No.: W7L-P21120038RF05



Band12-10MHz-64QAM-23095-50RB#0



Band12-10MHz-64QAM-23130-1RB#0

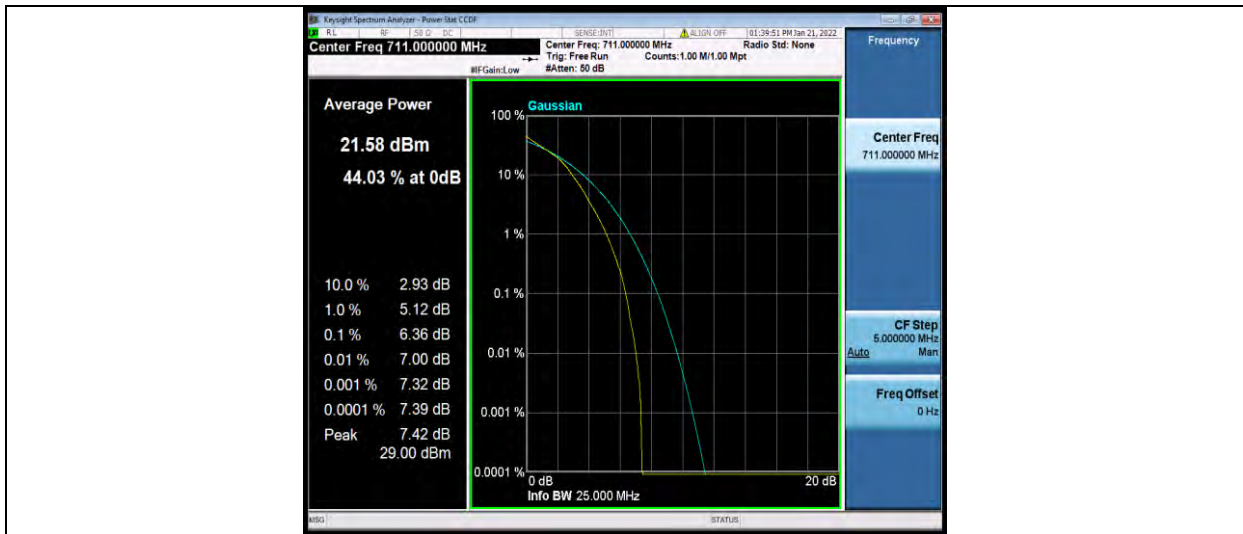


Band12-10MHz-64QAM-23130-50RB#0



**BUREAU  
VERITAS**

### Test Report No.: W7L-P21120038RF05





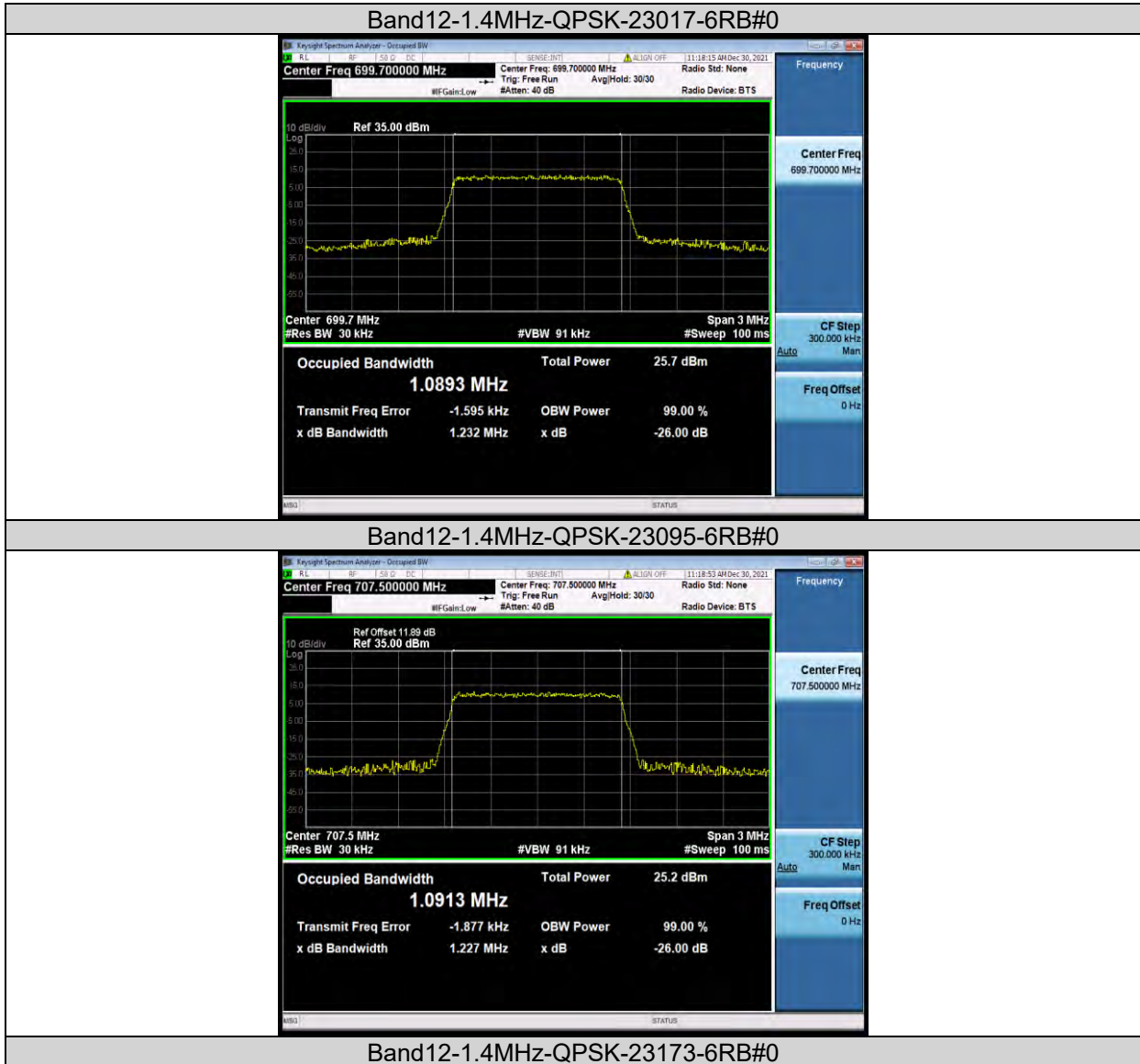
Test Report No.: W7L-P21120038RF05

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0893	1.232	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0913	1.227	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0898	1.232	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0885	1.228	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0882	1.224	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0895	1.228	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6939	2.932	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6998	2.982	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7011	2.956	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6881	2.975	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6963	2.983	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6952	2.961	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4974	4.880	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4943	4.892	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5014	4.881	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4986	4.877	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4932	4.887	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5022	4.871	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9795	9.555	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9832	9.584	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9765	9.556	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9647	9.563	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9814	9.604	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9788	9.552	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0879	1.224	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0906	1.233	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0886	1.223	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6917	2.962	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6971	3.003	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6951	2.964	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5021	4.877	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4974	4.909	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5043	4.870	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9677	9.604	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9799	9.604	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9699	9.586	PASS

### Test Graphs

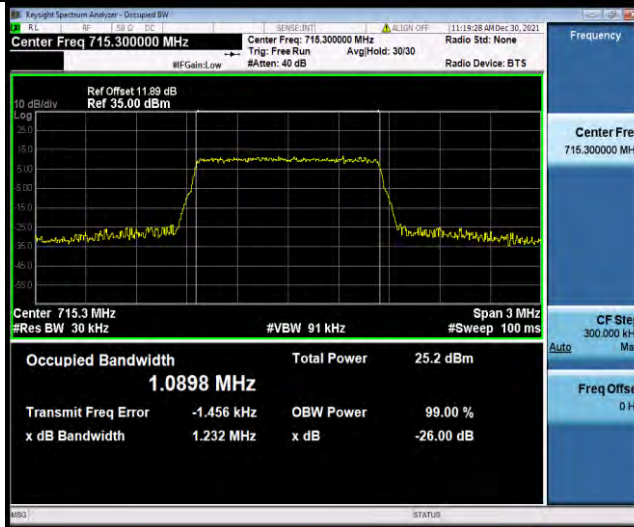




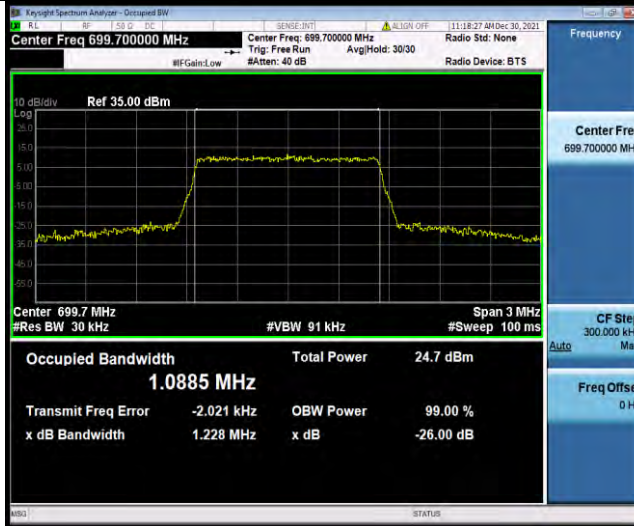


BUREAU VERITAS

Test Report No.: W7L-P21120038RF05



Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0



BUREAU VERITAS

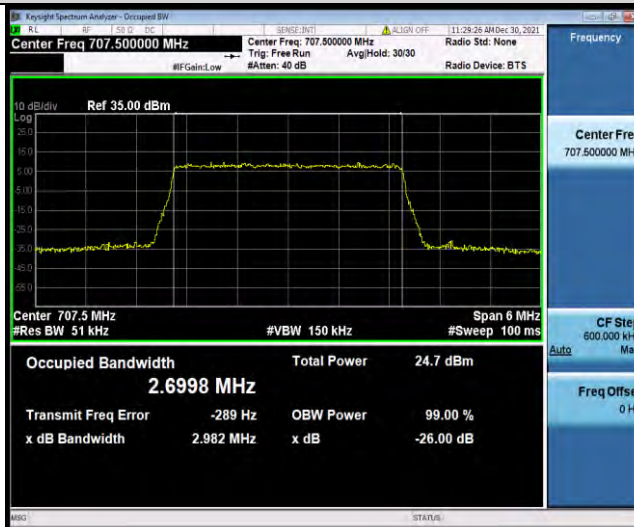
Test Report No.: W7L-P21120038RF05



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0

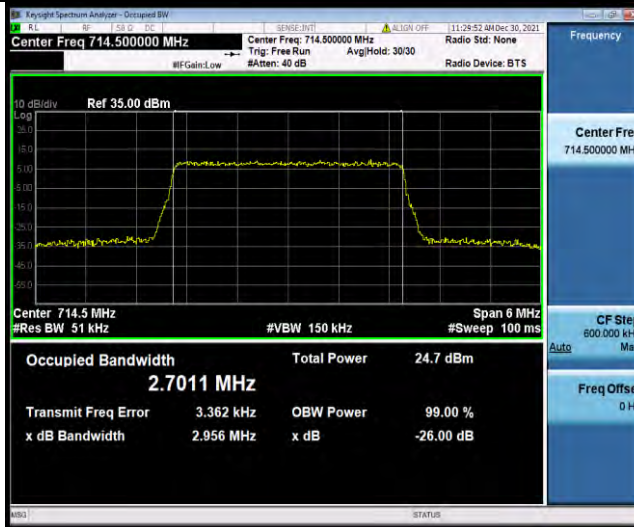


Band12-3MHz-QPSK-23165-15RB#0

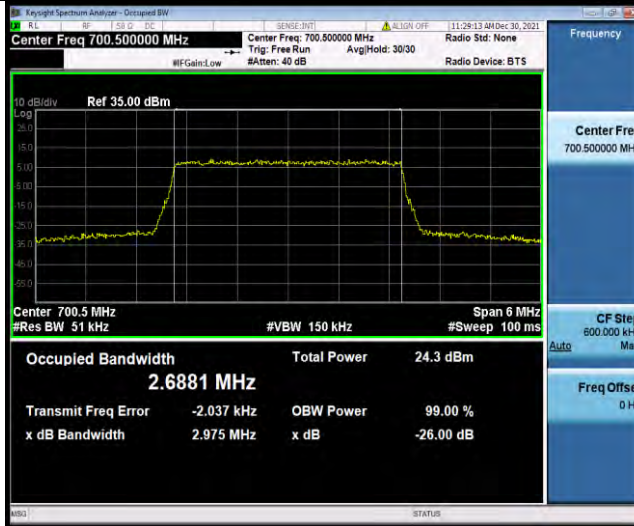


BUREAU VERITAS

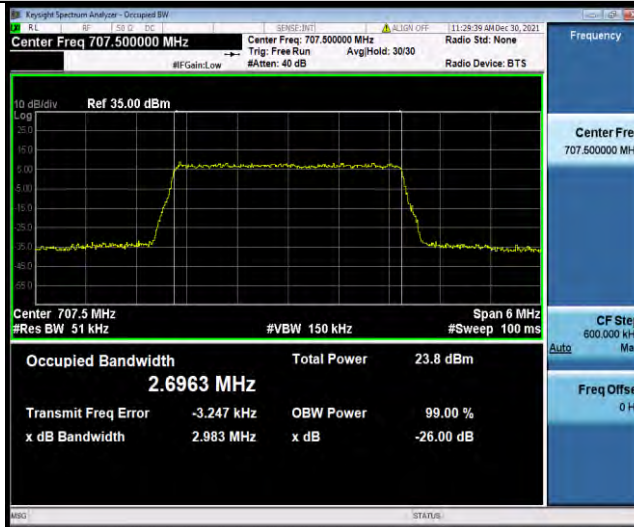
Test Report No.: W7L-P21120038RF05



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0