

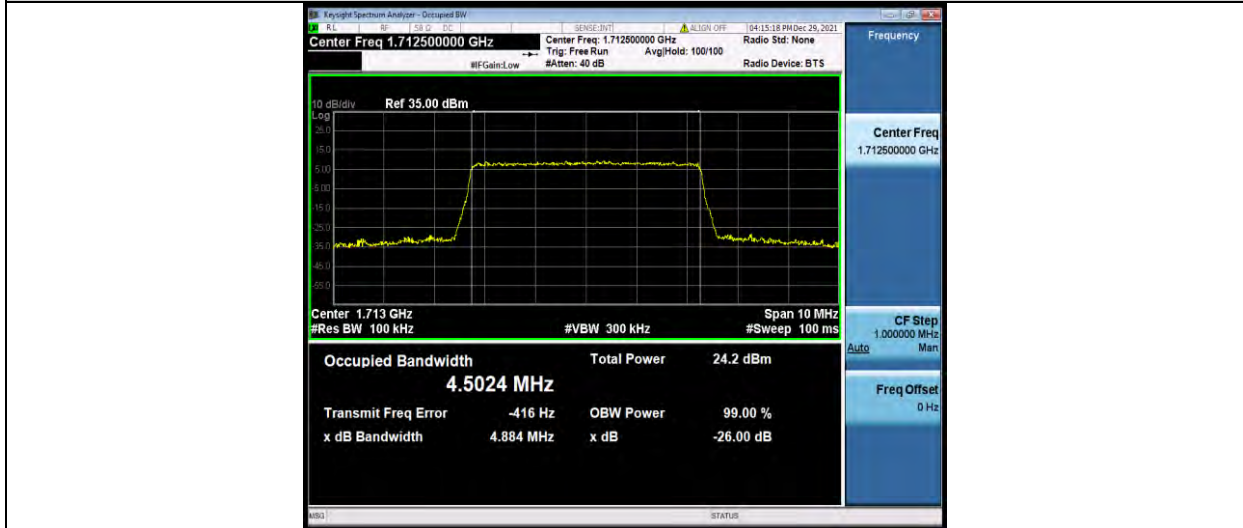


BUREAU VERITAS

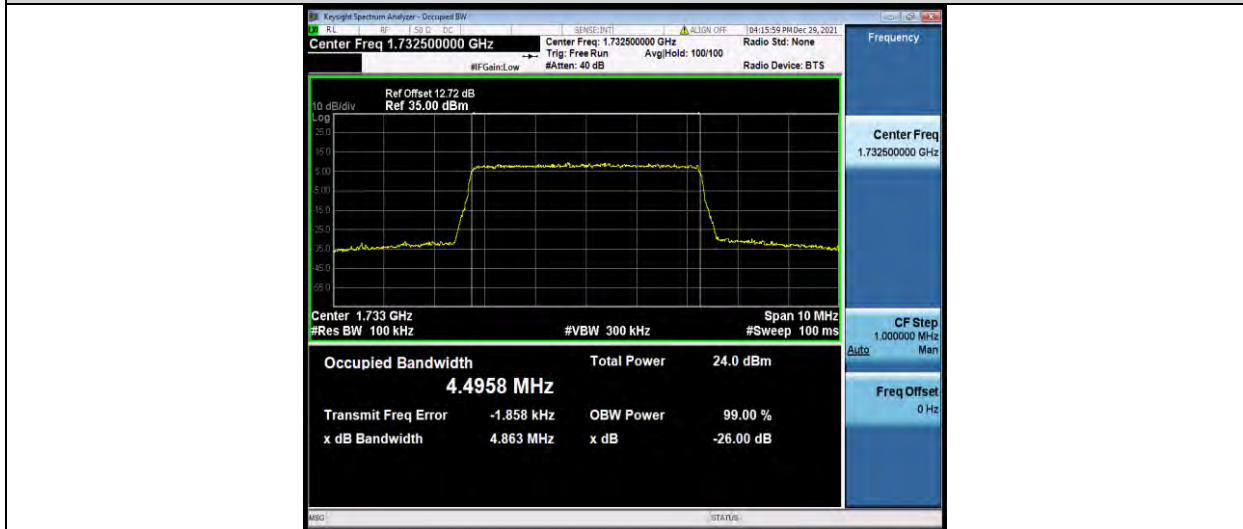
### Test Report No.: W7L-P22030026-5RF05



Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-25RB#0

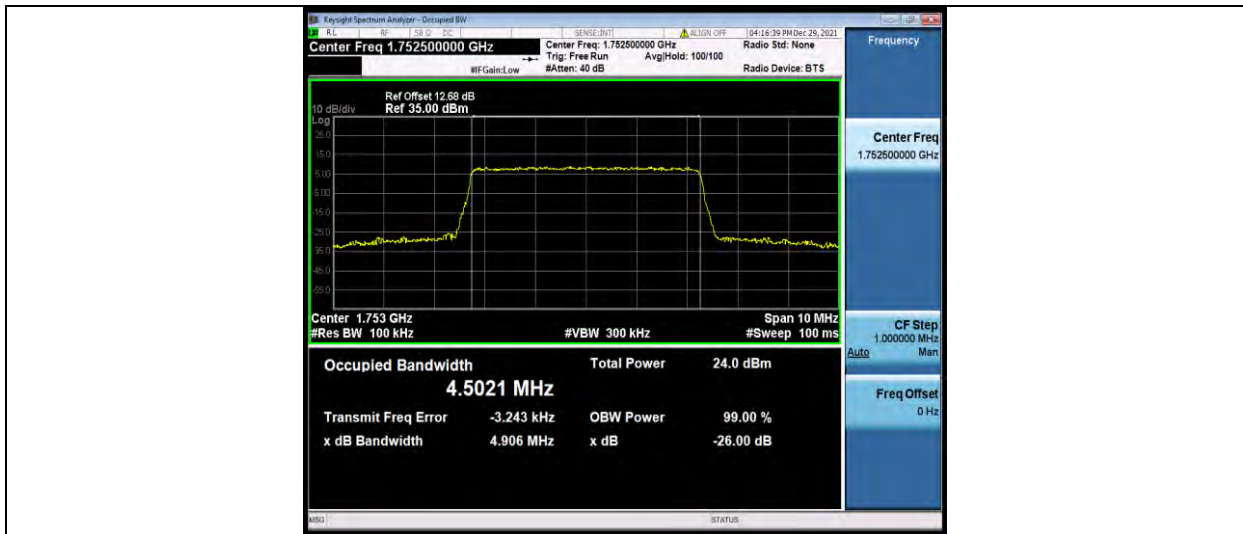


Band4-5MHz-16QAM-20375-25RB#0



BUREAU VERITAS

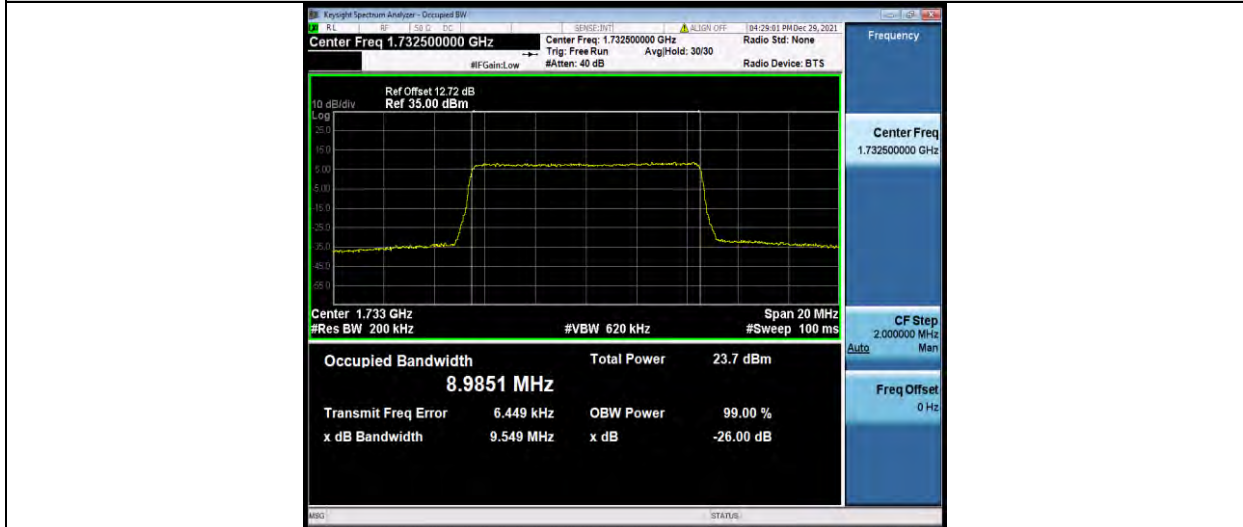
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Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20175-50RB#0



Band4-10MHz-QPSK-20350-50RB#0



BUREAU VERITAS

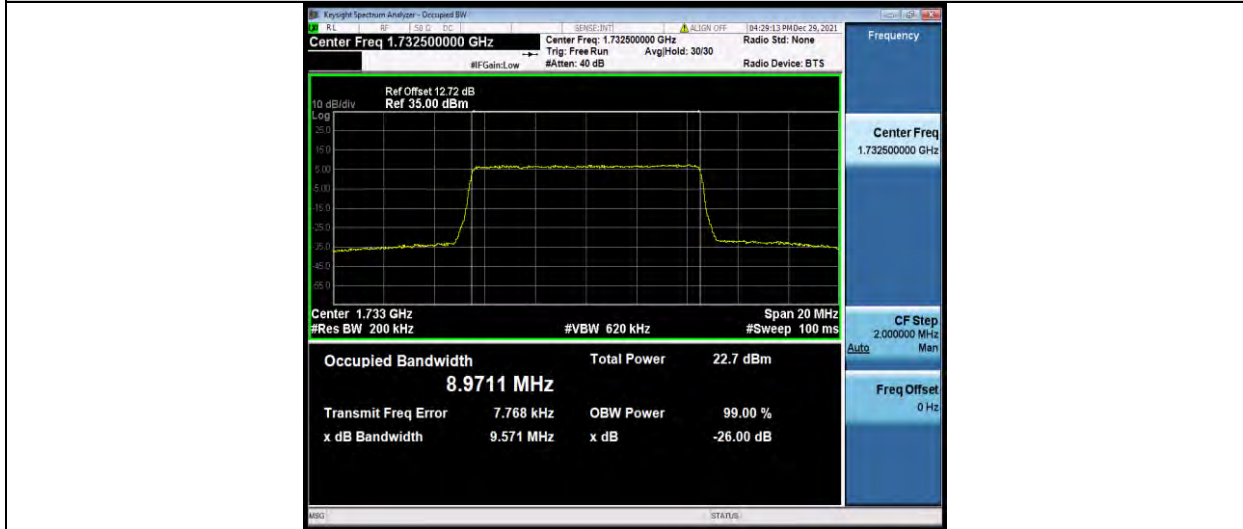
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Band4-10MHz-16QAM-20000-50RB#0



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Band4-10MHz-16QAM-20350-50RB#0



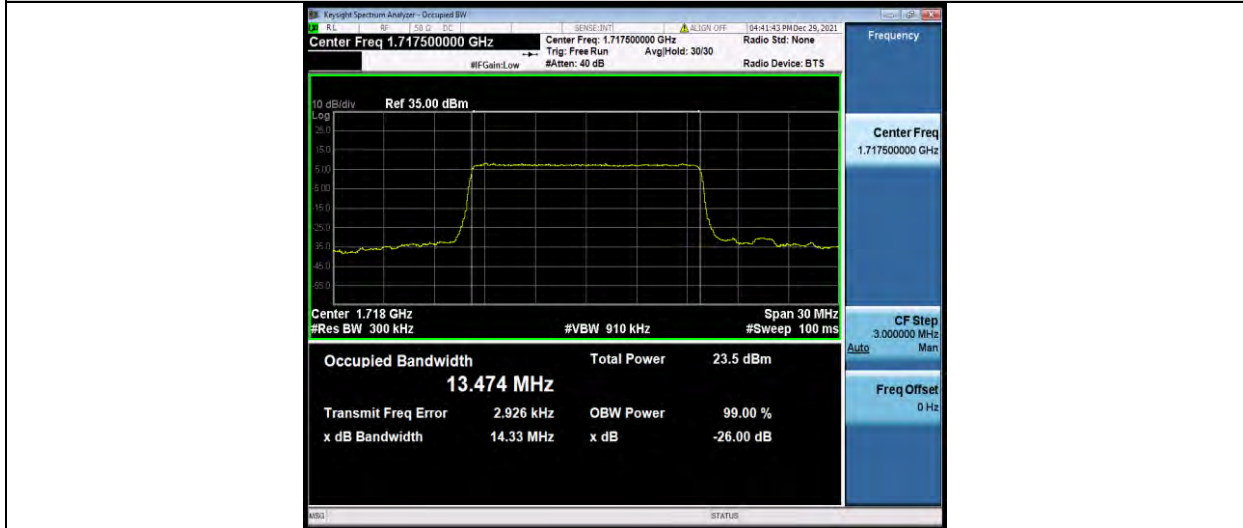


BUREAU VERITAS

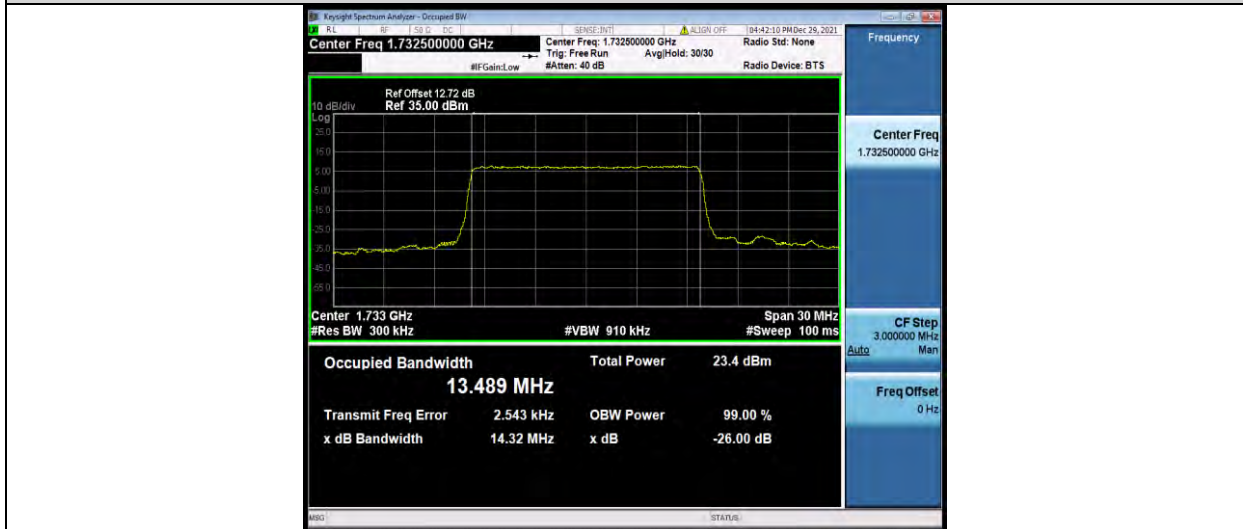
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Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-75RB#0

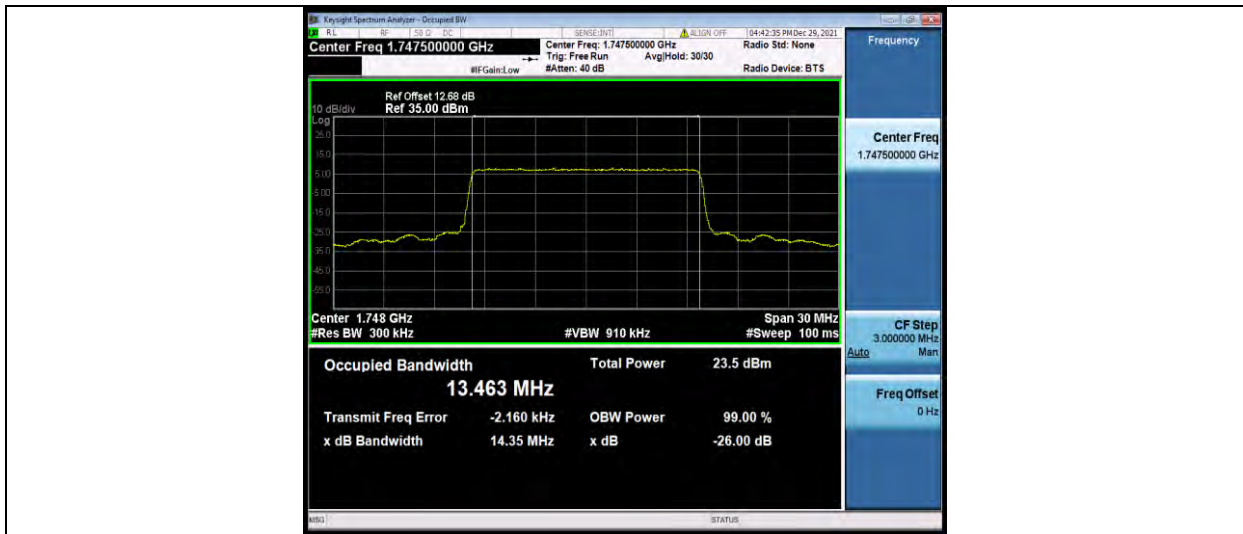


Band4-15MHz-QPSK-20325-75RB#0

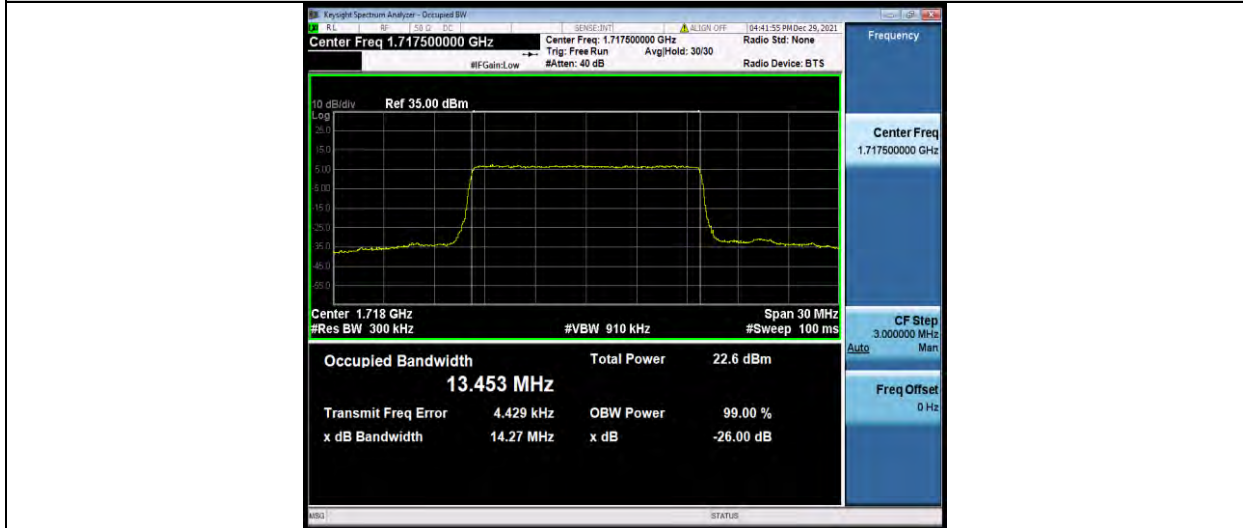


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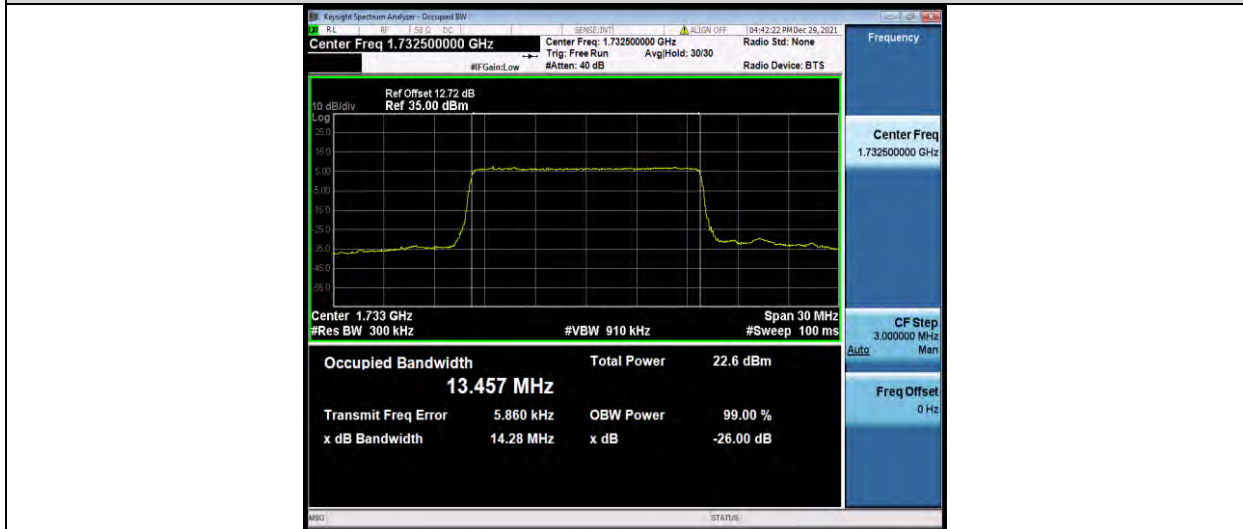
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Band4-15MHz-16QAM-20175-75RB#0

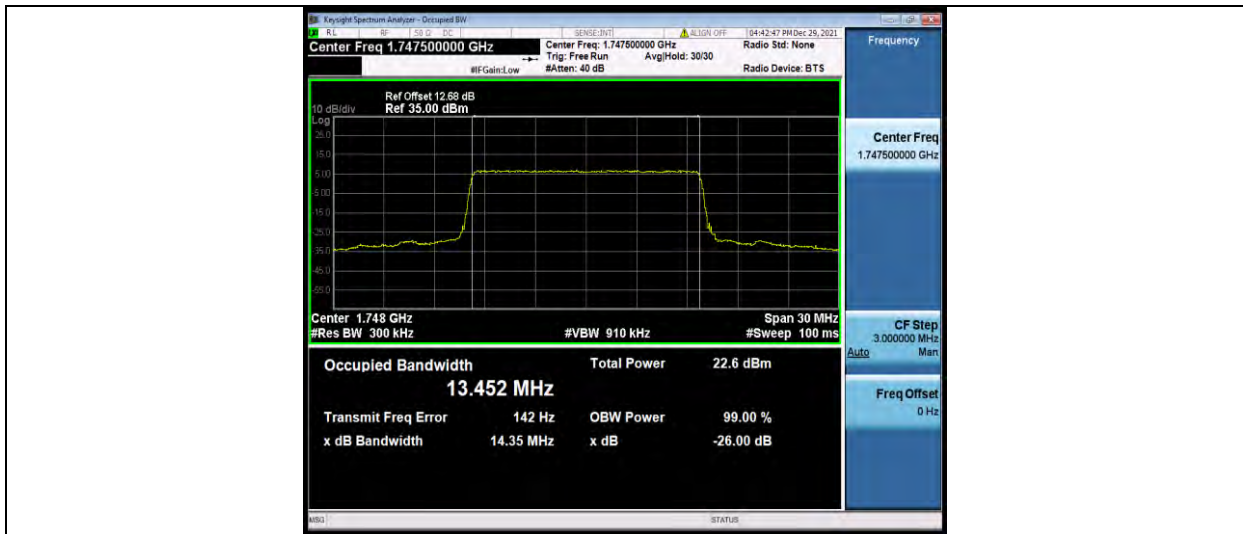


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BUREAU VERITAS

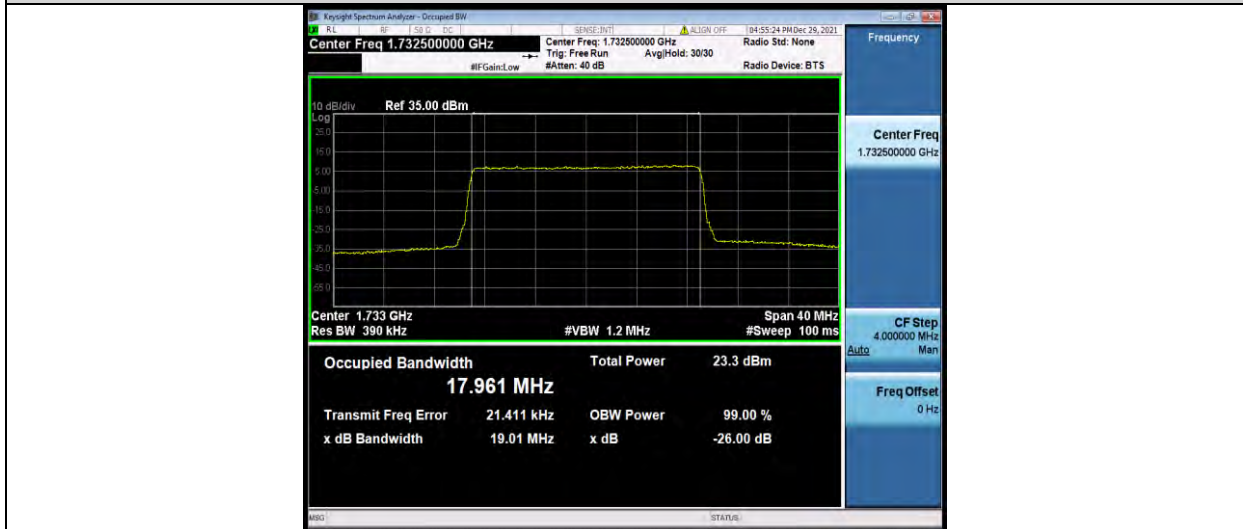
Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-100RB#0





BUREAU VERITAS

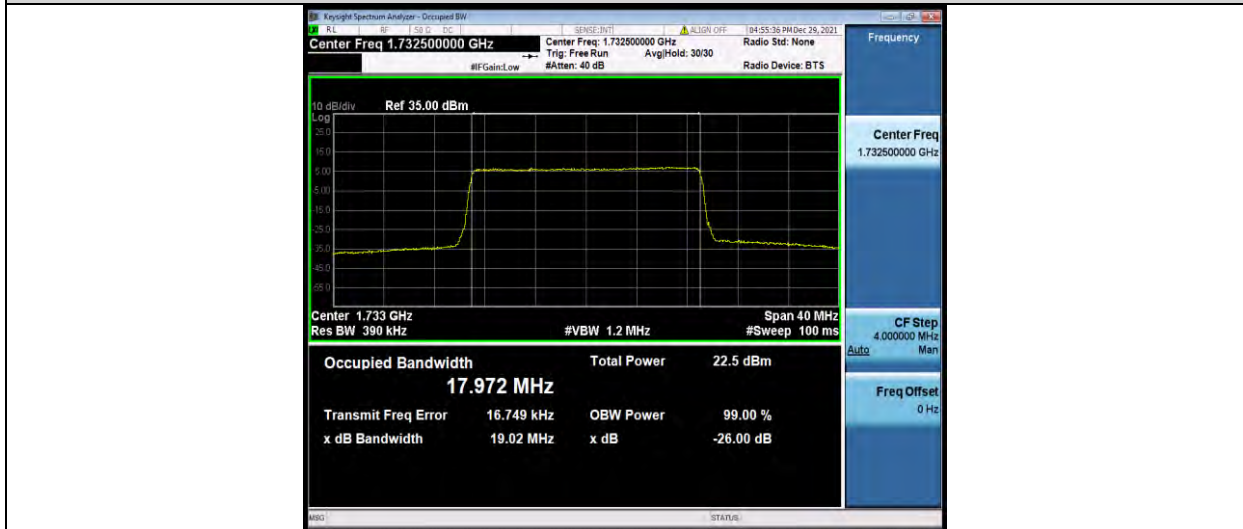
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Band4-20MHz-16QAM-20175-100RB#0

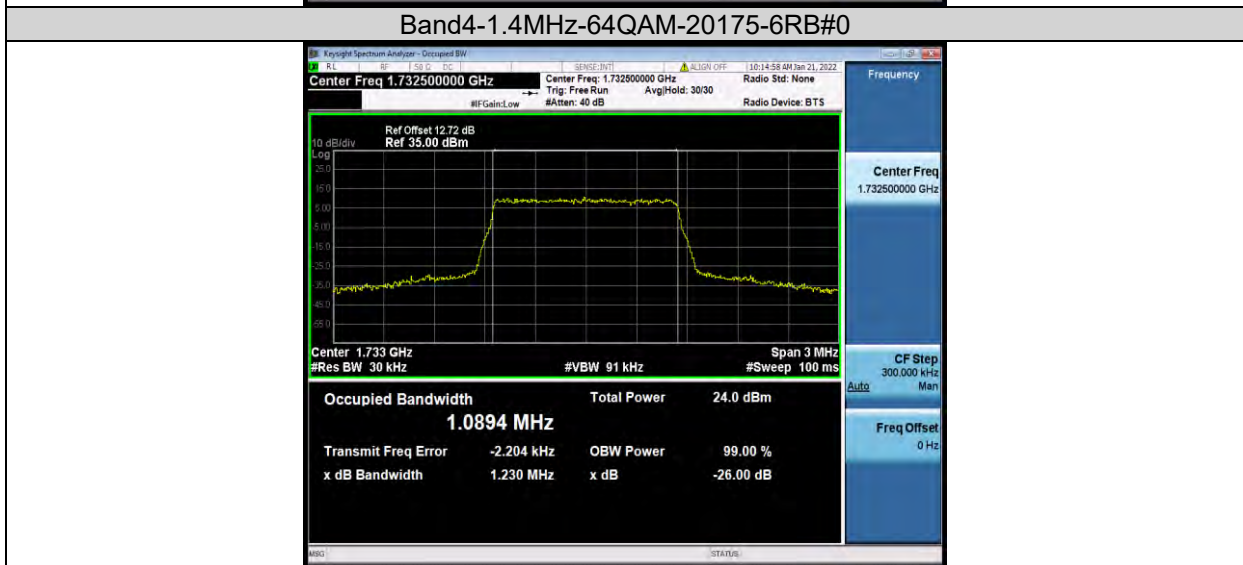
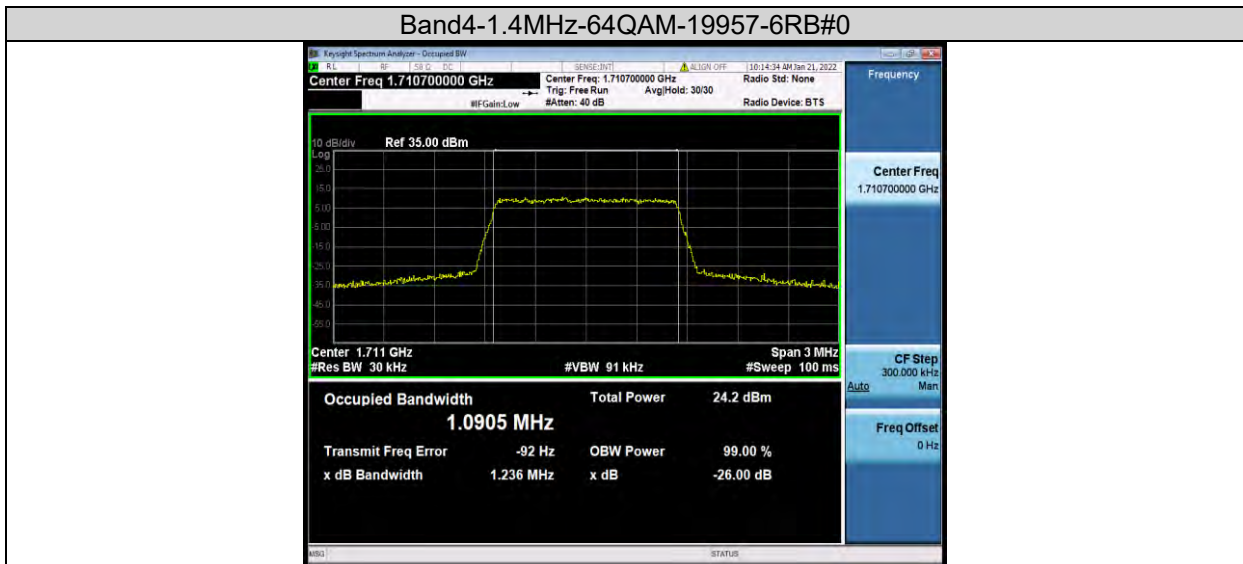
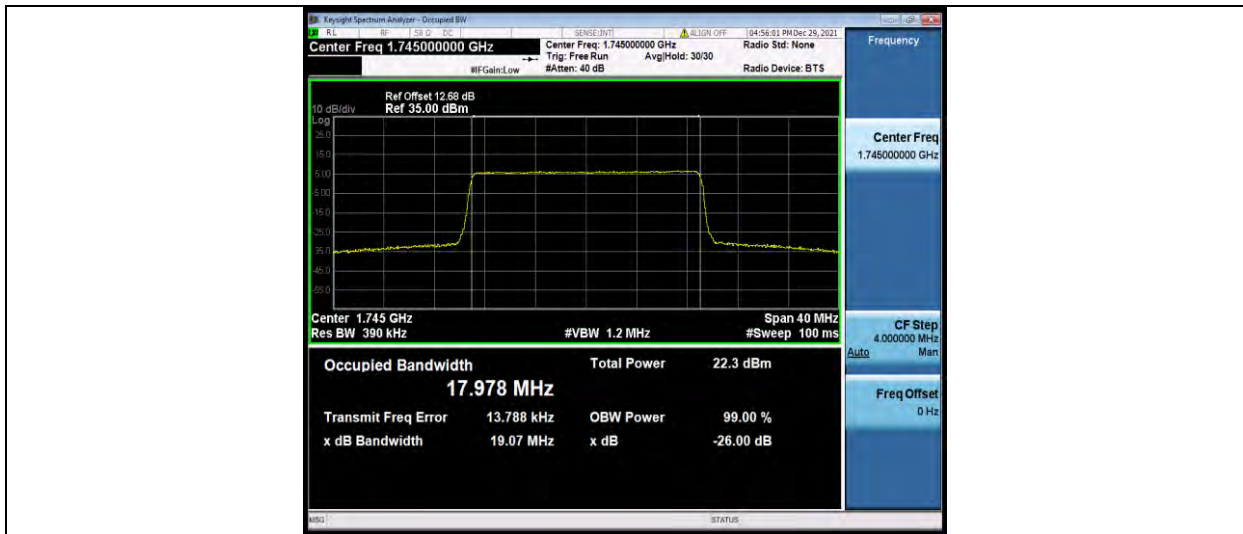


Band4-20MHz-16QAM-20300-100RB#0



BUREAU VERITAS

### Test Report No.: W7L-P22030026-5RF05



**Band4-1.4MHz-64QAM-20393-6RB#0**



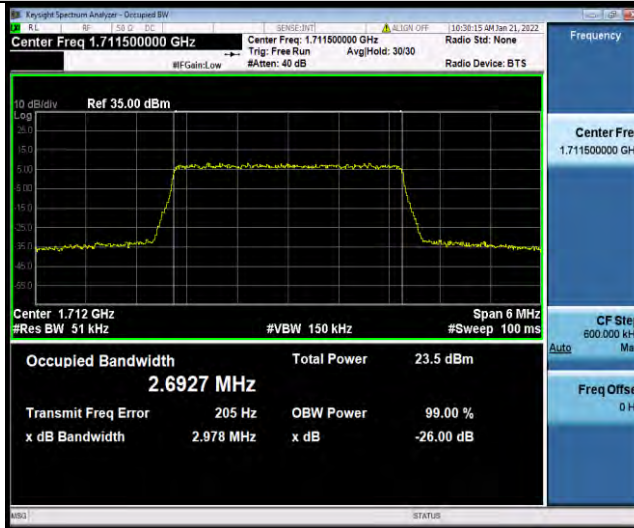


BUREAU VERITAS

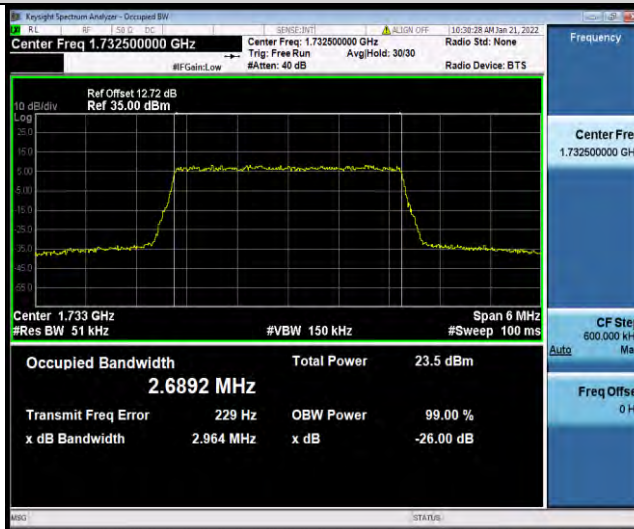
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Band4-3MHz-64QAM-19965-15RB#0



Band4-3MHz-64QAM-20175-15RB#0

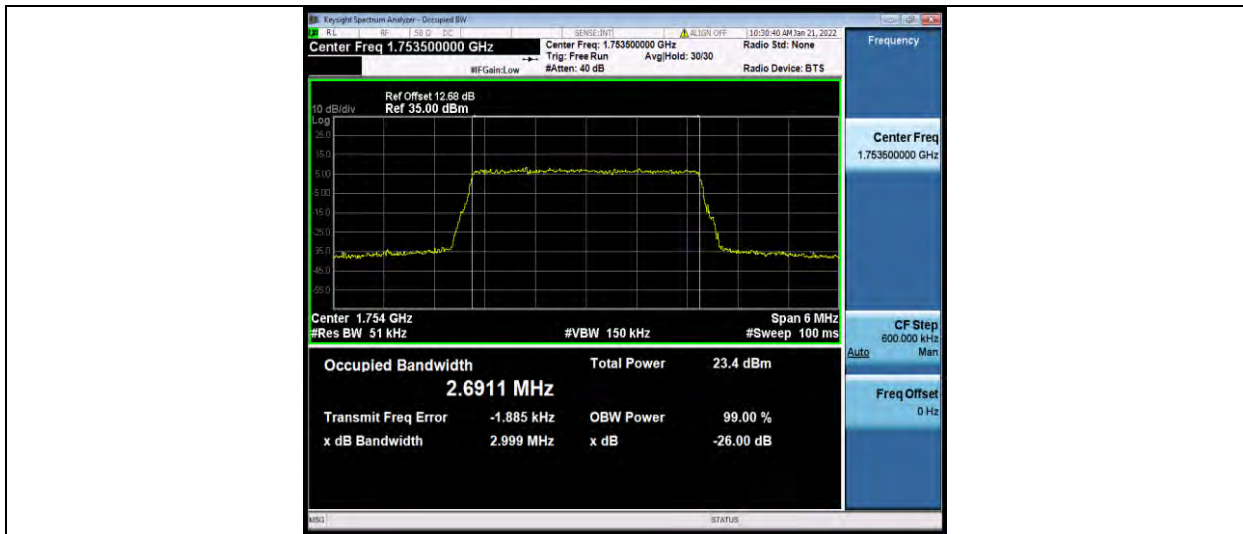


Band4-3MHz-64QAM-20385-15RB#0

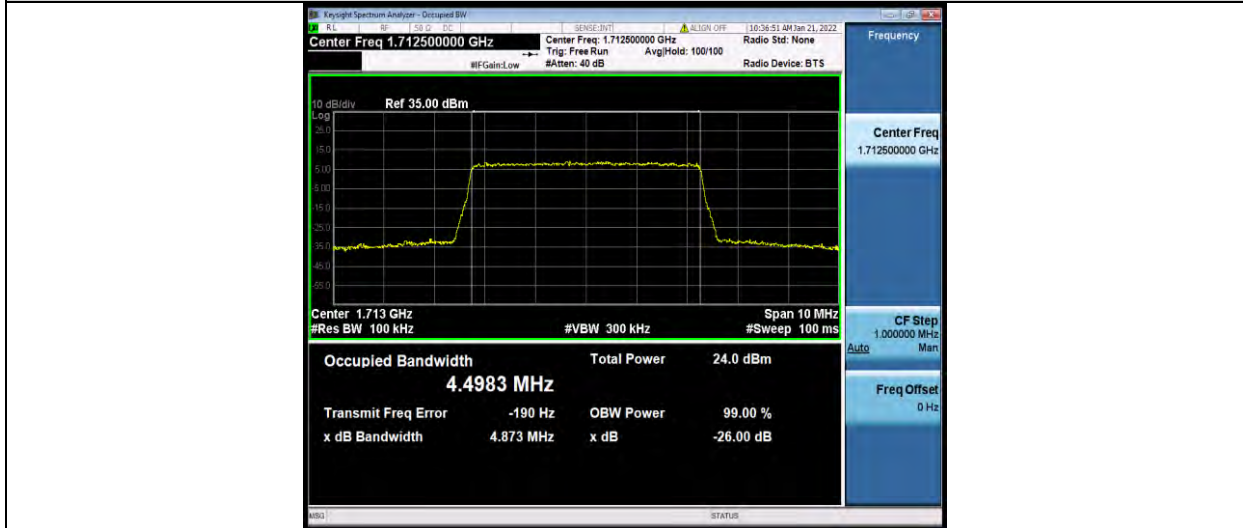


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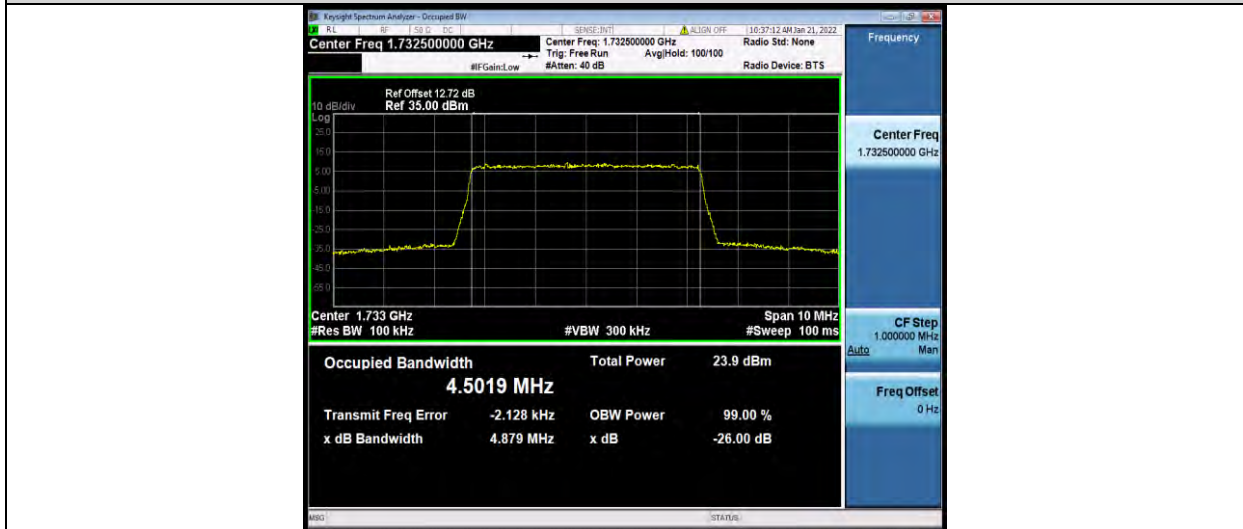
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Band4-5MHz-64QAM-19975-25RB#0



Band4-5MHz-64QAM-20175-25RB#0

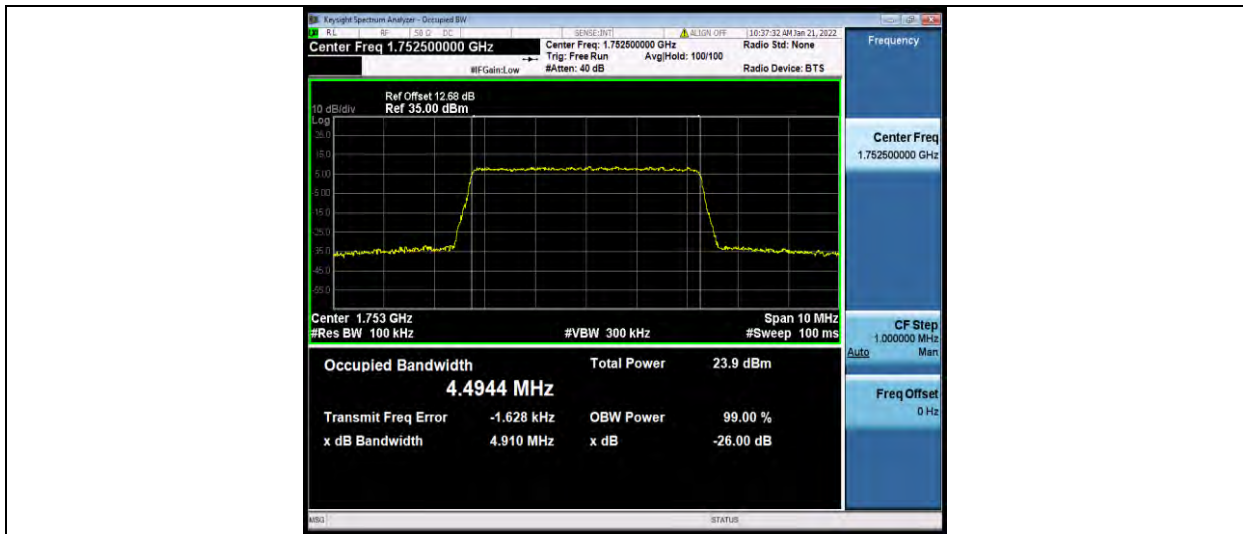


Band4-5MHz-64QAM-20375-25RB#0

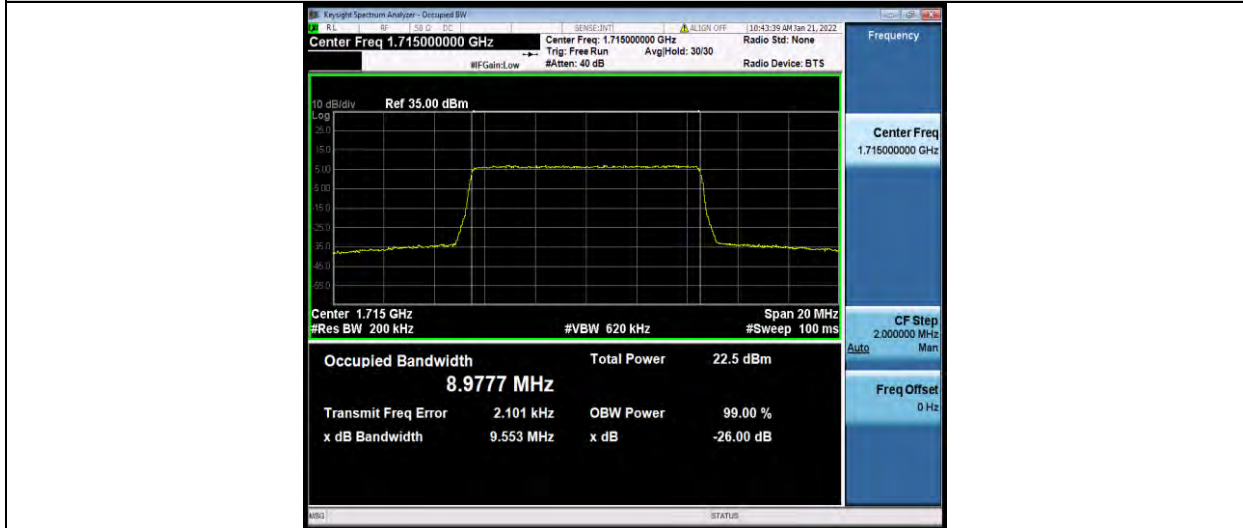


BUREAU VERITAS

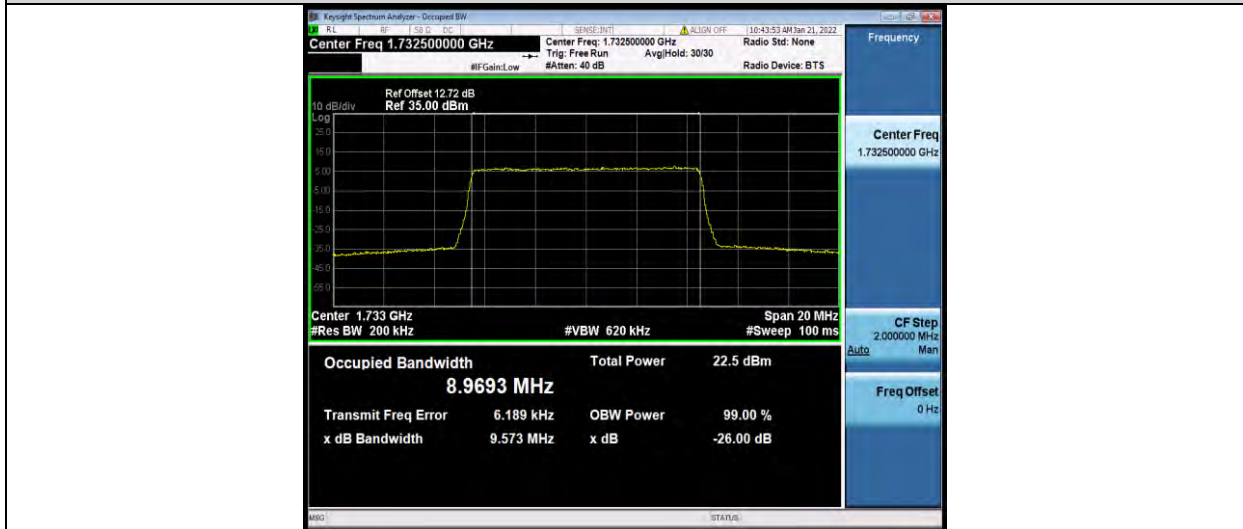
### Test Report No.: W7L-P22030026-5RF05



Band4-10MHz-64QAM-20000-50RB#0



Band4-10MHz-64QAM-20175-50RB#0



Band4-10MHz-64QAM-20350-50RB#0





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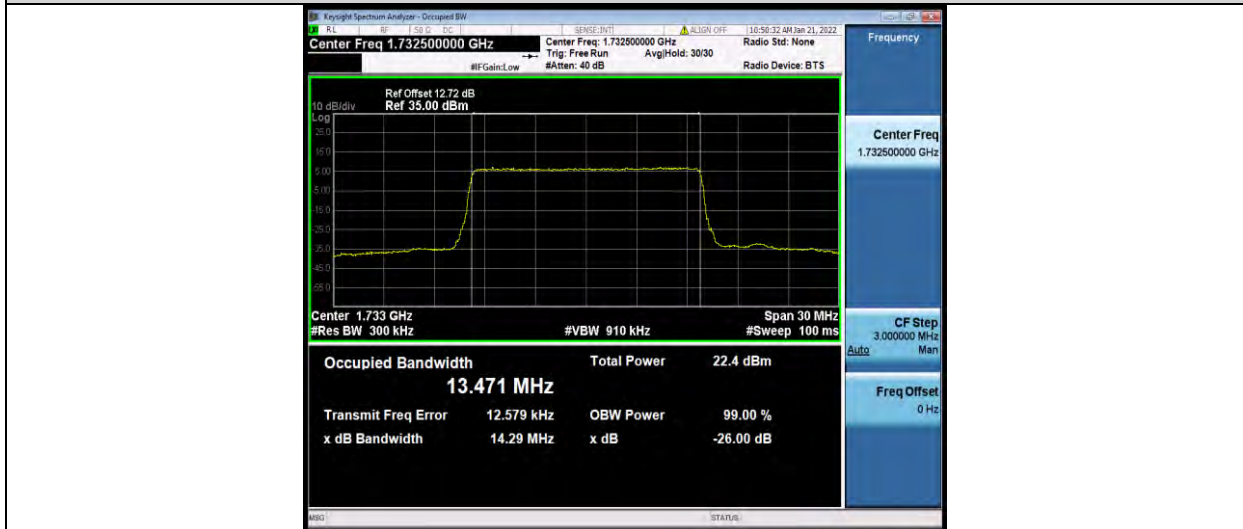
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Band4-15MHz-64QAM-20025-75RB#0



Band4-15MHz-64QAM-20175-75RB#0



Band4-15MHz-64QAM-20325-75RB#0



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### Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-64QAM-20050-100RB#0



Band4-20MHz-64QAM-20175-100RB#0



Band4-20MHz-64QAM-20300-100RB#0



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Test Report No.: W7L-P22030026-5RF05







Test Report No.: W7L-P22030026-5RF05

## BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-26.95	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-30.27	PASS
Band4	1.4MHz	QPSK	20350	1RB#5	-26.51	PASS
Band4	1.4MHz	QPSK	20350	6RB#0	-29.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-29.18	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.76	PASS
Band4	1.4MHz	16QAM	20350	1RB#5	-31.32	PASS
Band4	1.4MHz	16QAM	20350	6RB#0	-29.13	PASS
Band4	3MHz	QPSK	19965	1RB#0	-20.04	PASS
Band4	3MHz	QPSK	19965	15RB#0	-21.79	PASS
Band4	3MHz	QPSK	20385	1RB#14	-19.44	PASS
Band4	3MHz	QPSK	20385	15RB#0	-22.19	PASS
Band4	3MHz	16QAM	19965	1RB#0	-21.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.10	PASS
Band4	3MHz	16QAM	20385	1RB#14	-20.92	PASS
Band4	3MHz	16QAM	20385	15RB#0	-23.13	PASS
Band4	5MHz	QPSK	19975	1RB#0	-27.52	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.28	PASS
Band4	5MHz	QPSK	20375	1RB#24	-27.01	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.25	PASS
Band4	5MHz	16QAM	19975	1RB#0	-28.46	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.25	PASS
Band4	5MHz	16QAM	20375	1RB#24	-28.53	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.26	PASS
Band4	10MHz	QPSK	20000	1RB#0	-33.74	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.73	PASS
Band4	10MHz	QPSK	20350	1RB#49	-32.75	PASS
Band4	10MHz	QPSK	20350	50RB#0	-27.50	PASS
Band4	10MHz	16QAM	20000	1RB#0	-34.71	PASS
Band4	10MHz	16QAM	20000	50RB#0	-30.22	PASS
Band4	10MHz	16QAM	20350	1RB#49	-33.75	PASS
Band4	10MHz	16QAM	20350	50RB#0	-28.49	PASS
Band4	15MHz	QPSK	20025	1RB#0	-33.75	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.06	PASS
Band4	15MHz	QPSK	20325	1RB#74	-34.11	PASS
Band4	15MHz	QPSK	20325	75RB#0	-26.92	PASS
Band4	15MHz	16QAM	20025	1RB#0	-34.16	PASS
Band4	15MHz	16QAM	20025	75RB#0	-29.92	PASS
Band4	15MHz	16QAM	20325	1RB#74	-35.44	PASS
Band4	15MHz	16QAM	20325	75RB#0	-28.75	PASS
Band4	20MHz	QPSK	20050	1RB#0	-19.62	PASS
Band4	20MHz	QPSK	20050	100RB#0	-31.86	PASS
Band4	20MHz	QPSK	20300	1RB#99	-19.63	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.40	PASS

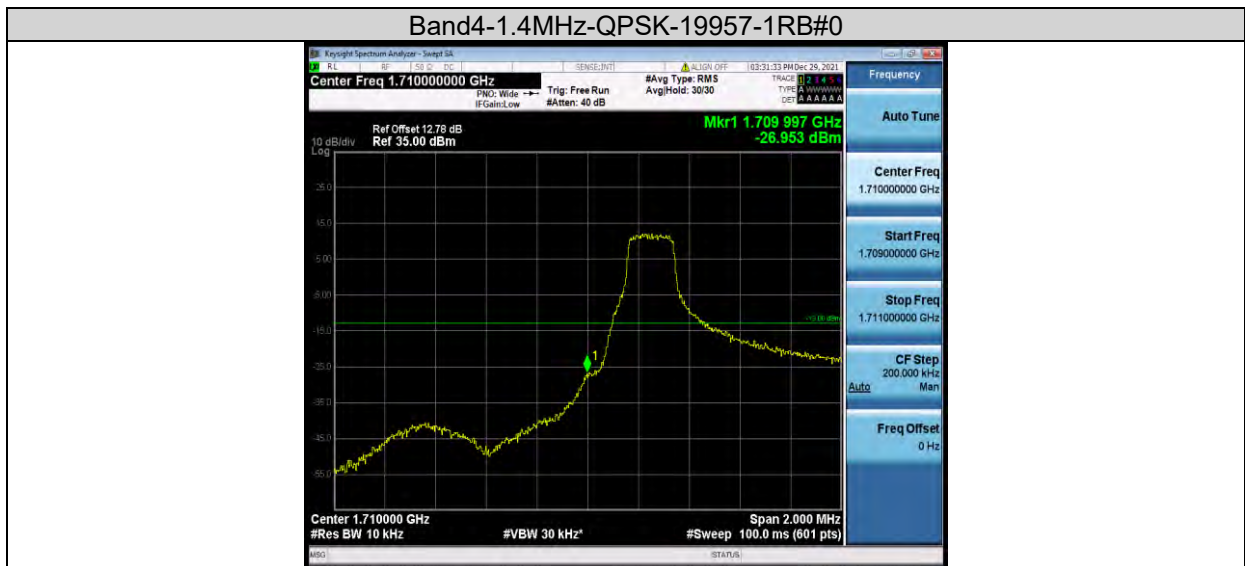


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VERITAS**

**Test Report No.: W7L-P22030026-5RF05**

Band4	20MHz	16QAM	20050	1RB#0	-20.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.41	PASS
Band4	20MHz	16QAM	20300	1RB#99	-19.68	PASS
Band4	20MHz	16QAM	20300	100RB#0	-30.01	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	-28.59	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	-31.09	PASS
Band4	1.4MHz	64QAM	20350	1RB#5	-30.88	PASS
Band4	1.4MHz	64QAM	20350	6RB#0	-32.73	PASS
Band4	3MHz	64QAM	19965	1RB#0	-20.27	PASS
Band4	3MHz	64QAM	19965	15RB#0	-23.05	PASS
Band4	3MHz	64QAM	20385	1RB#14	-21.13	PASS
Band4	3MHz	64QAM	20385	15RB#0	-23.38	PASS
Band4	5MHz	64QAM	19975	1RB#0	-28.87	PASS
Band4	5MHz	64QAM	19975	25RB#0	-27.40	PASS
Band4	5MHz	64QAM	20375	1RB#24	-29.45	PASS
Band4	5MHz	64QAM	20375	25RB#0	-28.21	PASS
Band4	10MHz	64QAM	20000	1RB#49	-50.63	PASS
Band4	10MHz	64QAM	20000	50RB#0	-30.37	PASS
Band4	10MHz	64QAM	20350	1RB#0	-52.62	PASS
Band4	10MHz	64QAM	20350	50RB#0	-30.16	PASS
Band4	15MHz	64QAM	20025	1RB#0	-34.62	PASS
Band4	15MHz	64QAM	20025	75RB#0	-30.55	PASS
Band4	15MHz	64QAM	20325	1RB#74	-35.97	PASS
Band4	15MHz	64QAM	20325	75RB#0	-30.86	PASS
Band4	20MHz	64QAM	20050	1RB#0	-19.89	PASS
Band4	20MHz	64QAM	20050	100RB#0	-31.28	PASS
Band4	20MHz	64QAM	20300	1RB#99	-20.26	PASS
Band4	20MHz	64QAM	20300	100RB#0	-31.49	PASS

**Test Graphs**



BV 7Layers Communications Technology  
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Test Report No.: W7L-P22030026-5RF05

Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20350-1RB#5



Band4-1.4MHz-QPSK-20350-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0



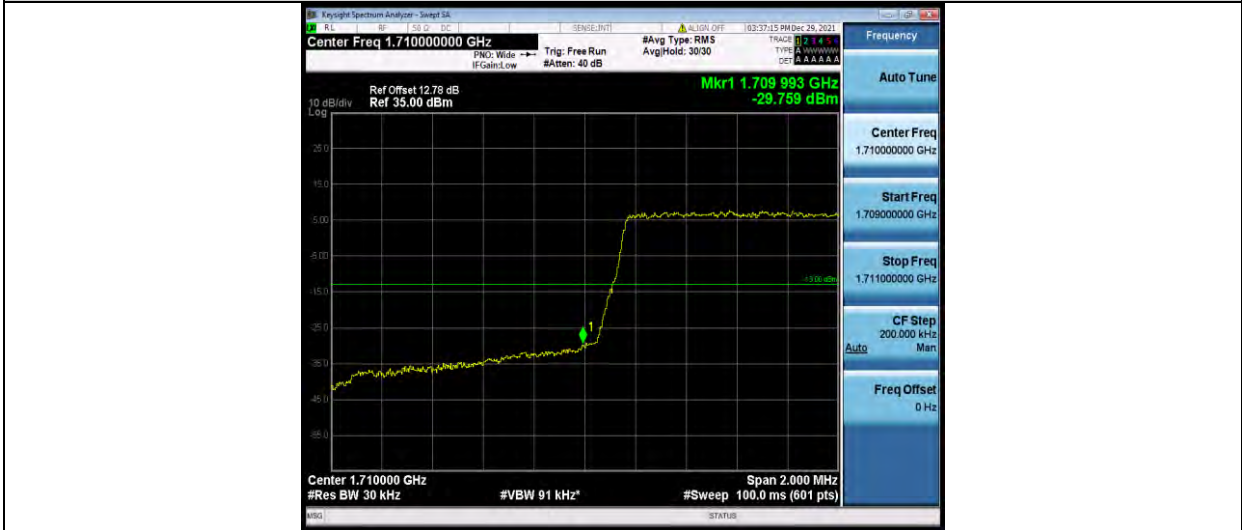


BUREAU VERITAS

### Test Report No.: W7L-P22030026-5RF05



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20350-1RB#5



Band4-1.4MHz-16QAM-20350-6RB#0

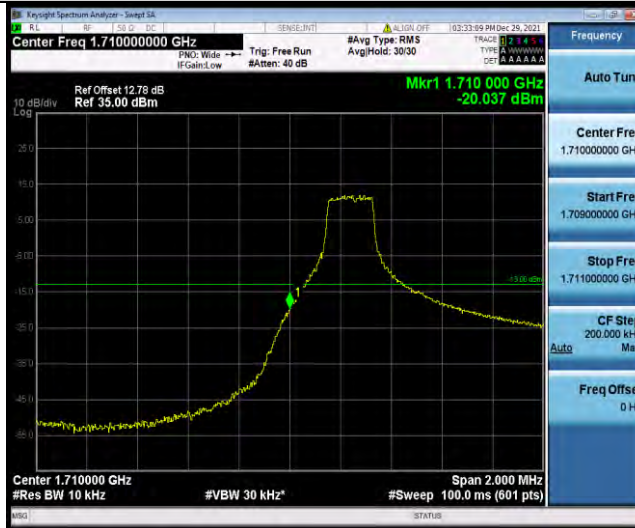


BUREAU VERITAS

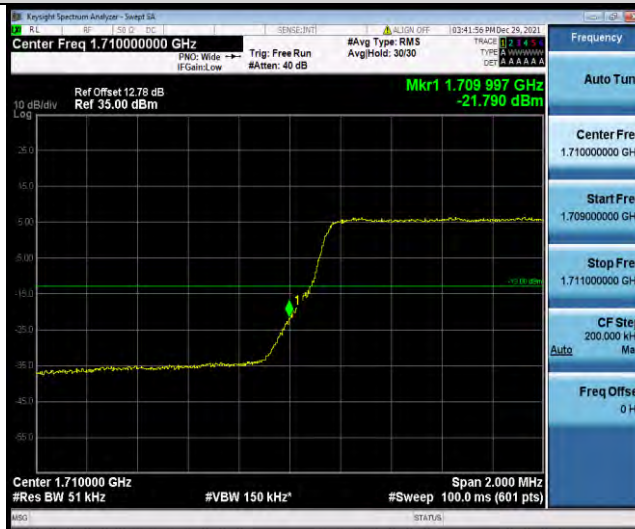
### Test Report No.: W7L-P22030026-5RF05



Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#14



BUREAU VERITAS

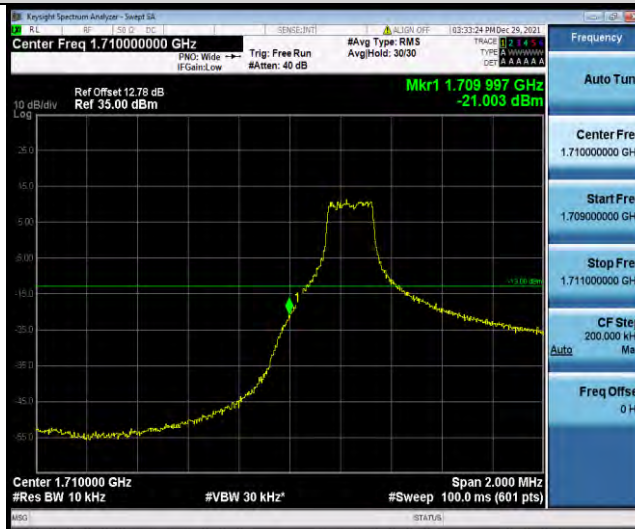
### Test Report No.: W7L-P22030026-5RF05



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-1RB#0



Band4-3MHz-16QAM-19965-15RB#0





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Test Report No.: W7L-P22030026-5RF05



Band4-3MHz-16QAM-20385-1RB#14



Band4-3MHz-16QAM-20385-15RB#0



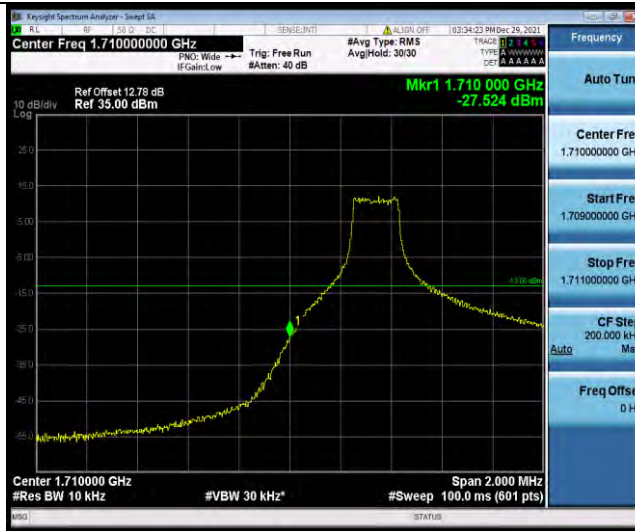
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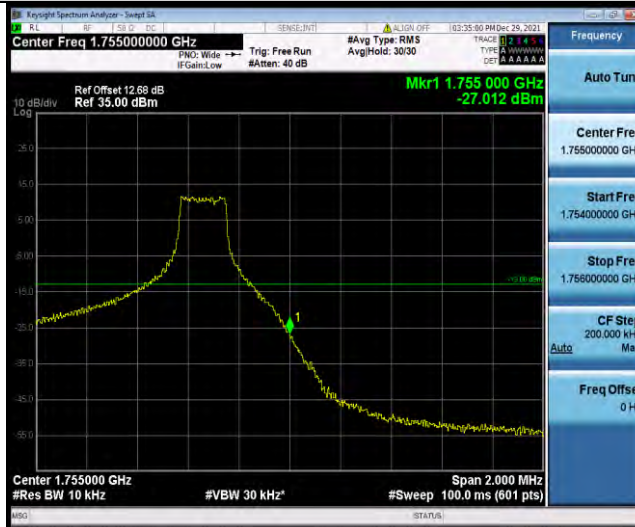
Test Report No.: W7L-P22030026-5RF05



Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-1RB#24



Band4-5MHz-QPSK-20375-25RB#0

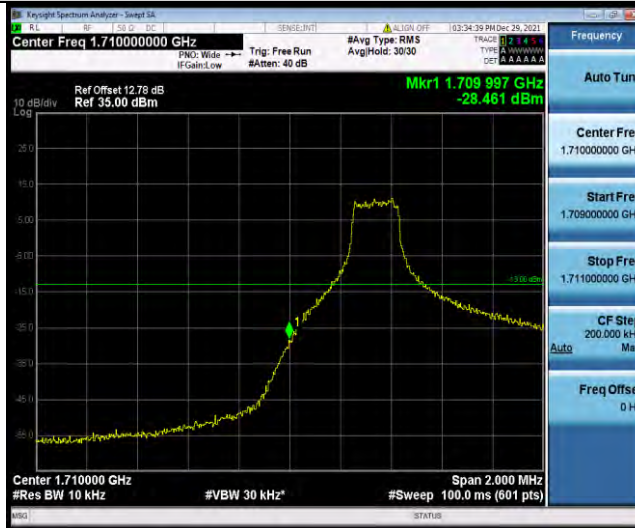


BUREAU VERITAS

### Test Report No.: W7L-P22030026-5RF05



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-25RB#0

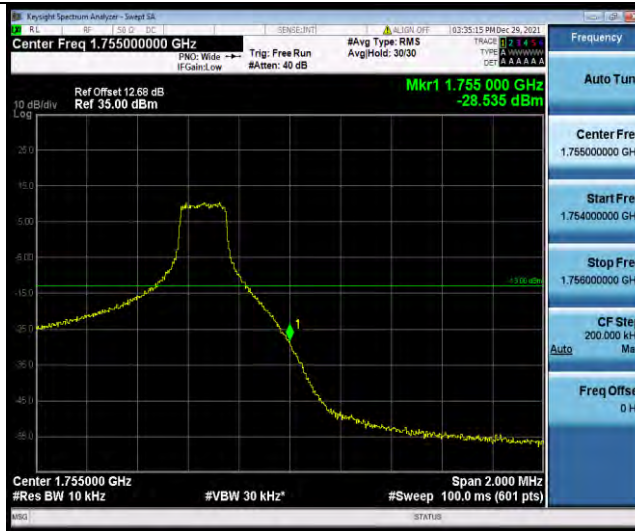


Band4-5MHz-16QAM-20375-1RB#24



BUREAU VERITAS

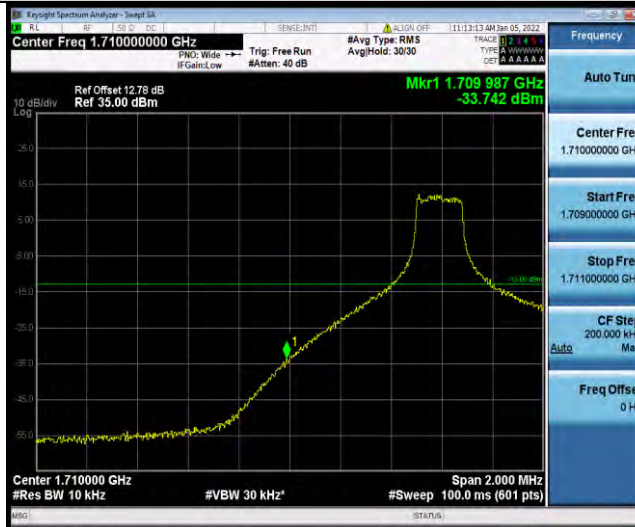
Test Report No.: W7L-P22030026-5RF05



Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-1RB#0



Band4-10MHz-QPSK-20000-50RB#0



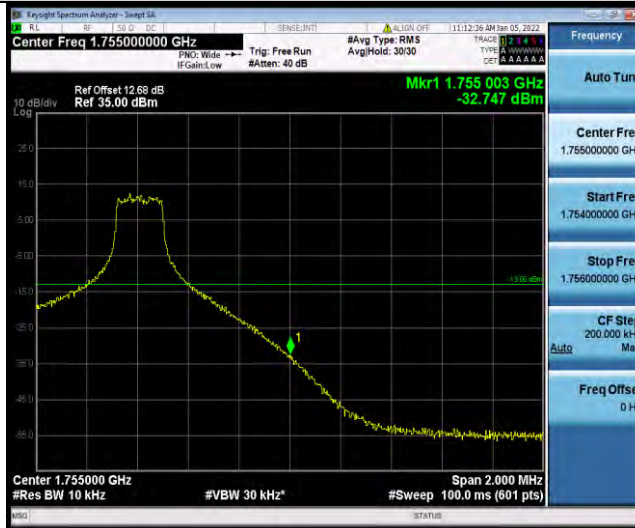


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### Test Report No.: W7L-P22030026-5RF05



Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



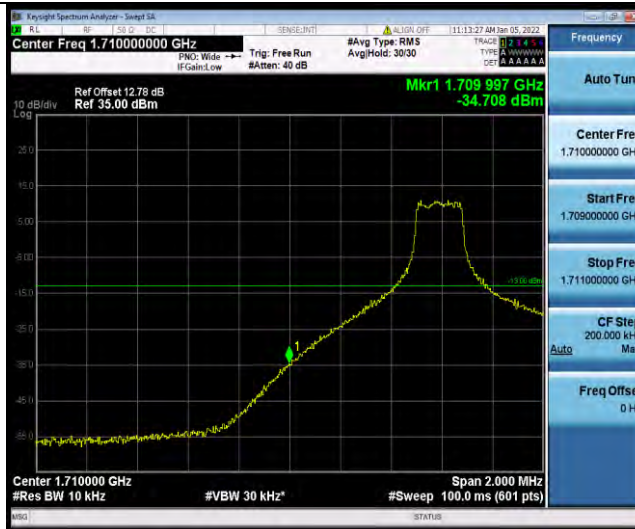
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BUREAU VERITAS

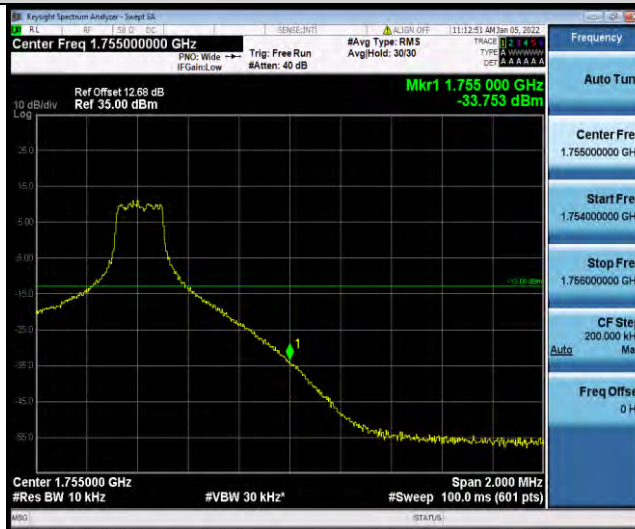
### Test Report No.: W7L-P22030026-5RF05



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0

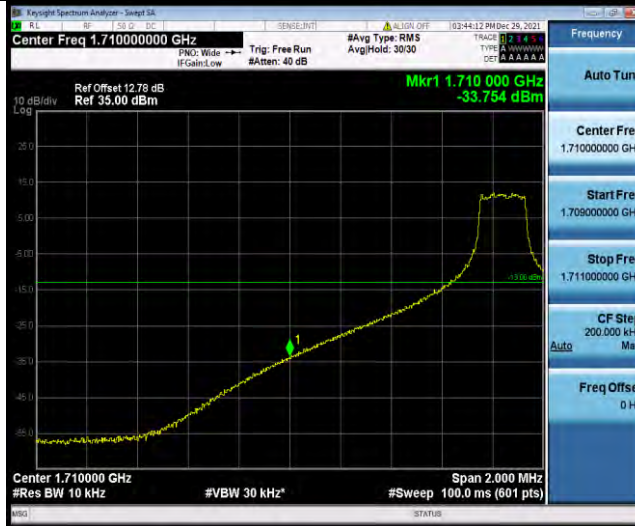


BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-1RB#74



BUREAU VERITAS

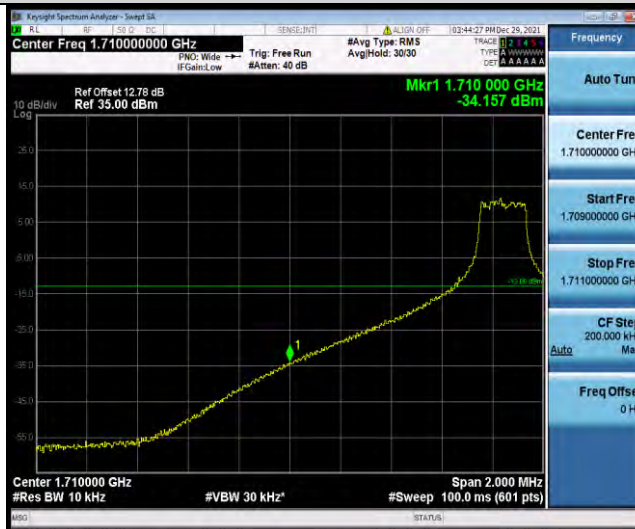
Test Report No.: W7L-P22030026-5RF05



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



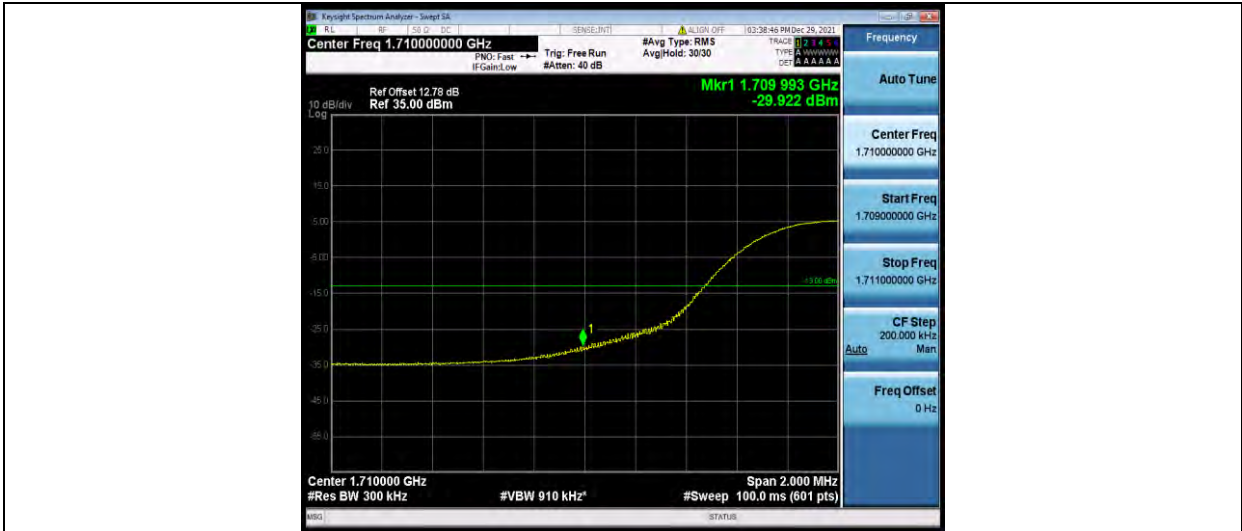
Band4-15MHz-16QAM-20025-75RB#0



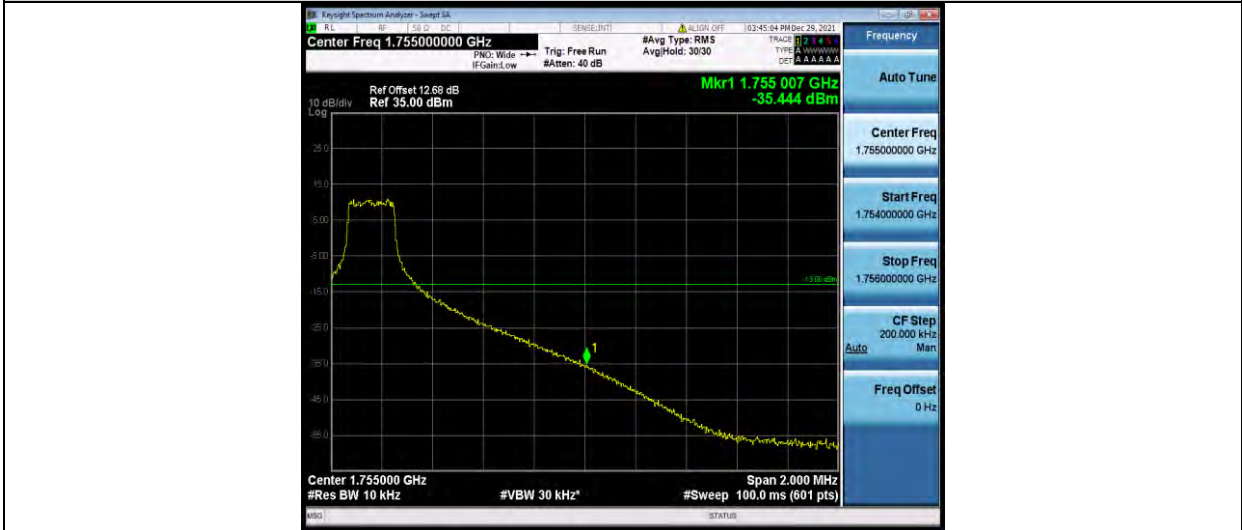


BUREAU VERITAS

# Test Report No.: W7L-P22030026-5RF05



Band4-15MHz-16QAM-20325-1RB#74



Band4-15MHz-16QAM-20325-75RB#0



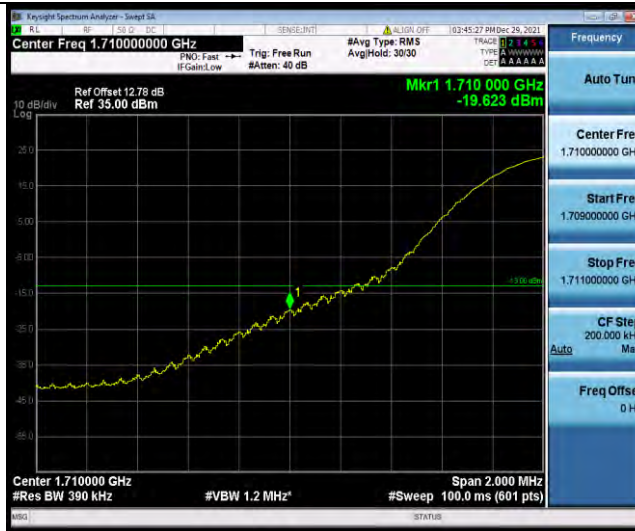
Band4-20MHz-QPSK-20050-1RB#0





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Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-1RB#99

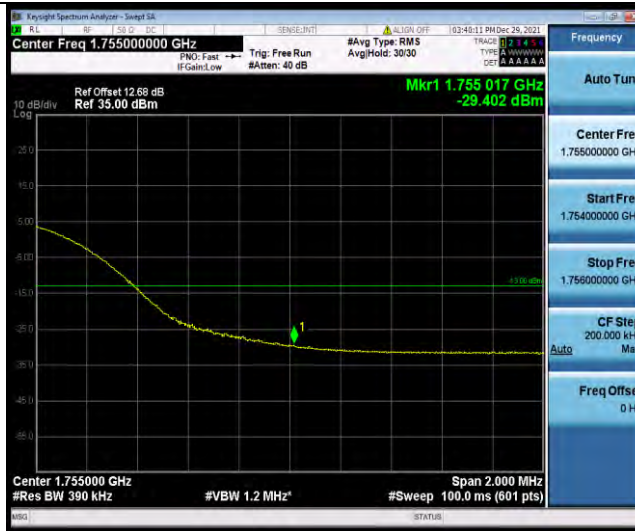


Band4-20MHz-QPSK-20300-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#99



BUREAU VERITAS

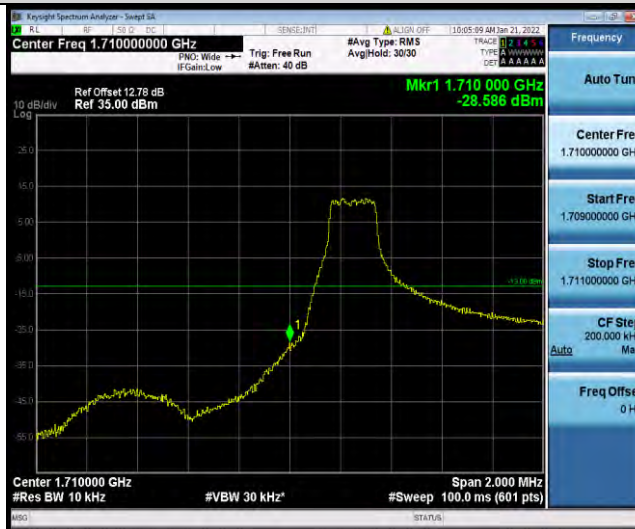
Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-16QAM-20300-100RB#0



Band4-1.4MHz-64QAM-19957-1RB#0



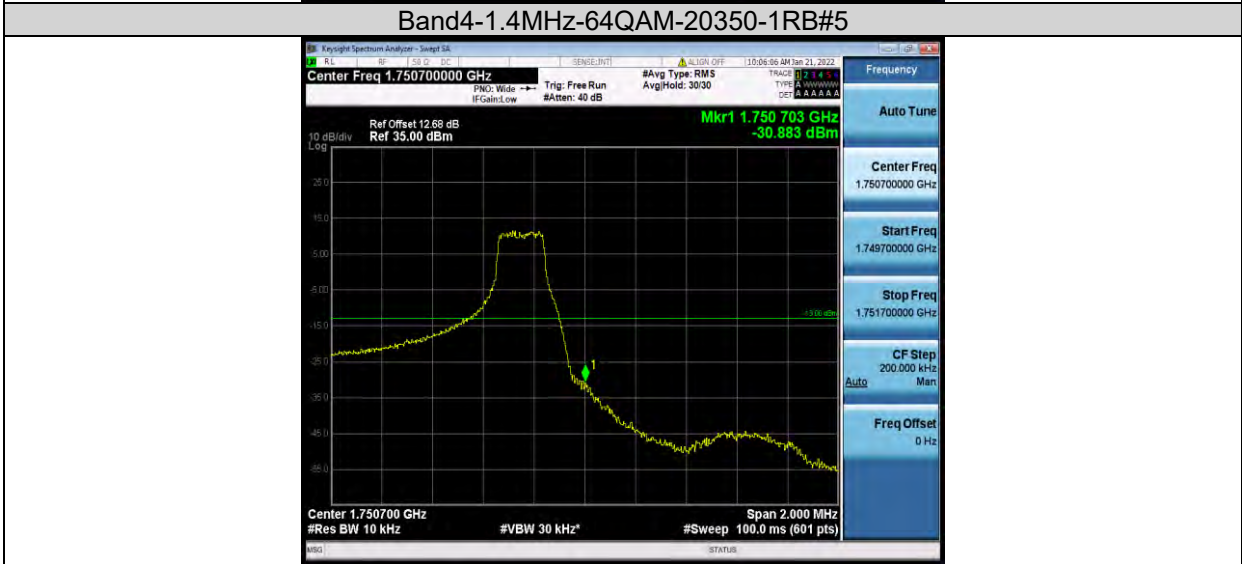
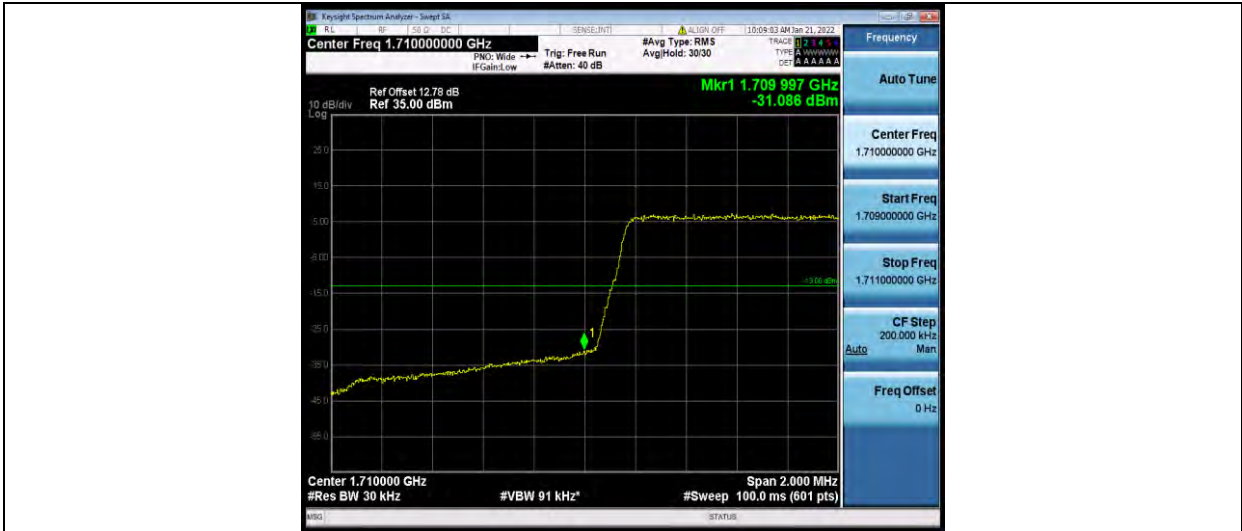
Band4-1.4MHz-64QAM-19957-6RB#0





BUREAU VERITAS

### Test Report No.: W7L-P22030026-5RF05

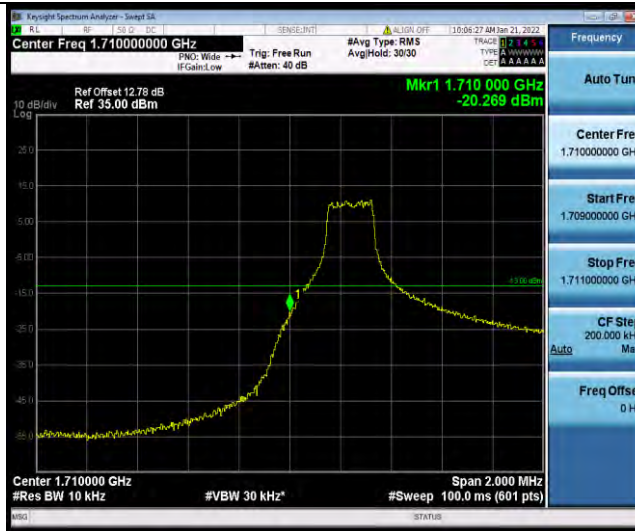






BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-3MHz-64QAM-19965-15RB#0



Band4-3MHz-64QAM-20385-1RB#14



Band4-3MHz-64QAM-20385-15RB#0

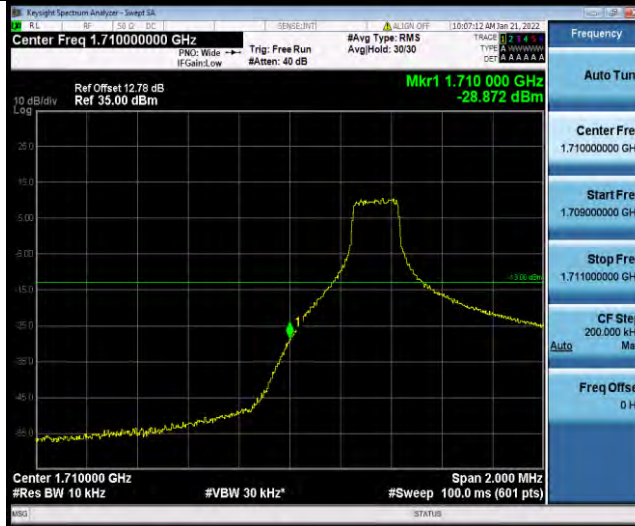


BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-5MHz-64QAM-19975-1RB#0



Band4-5MHz-64QAM-19975-25RB#0

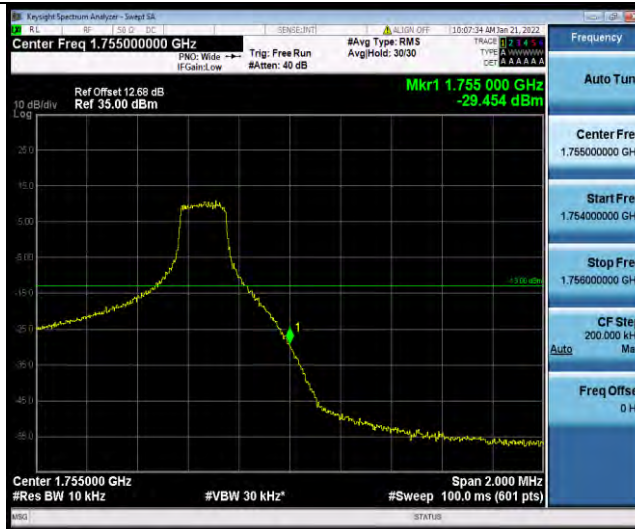


Band4-5MHz-64QAM-20375-1RB#24



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-5MHz-64QAM-20375-25RB#0



Band4-10MHz-64QAM-20000-1RB#49



Band4-10MHz-64QAM-20000-50RB#0





BUREAU VERITAS

### Test Report No.: W7L-P22030026-5RF05



Band4-10MHz-64QAM-20350-1RB#0



Band4-10MHz-64QAM-20350-50RB#0



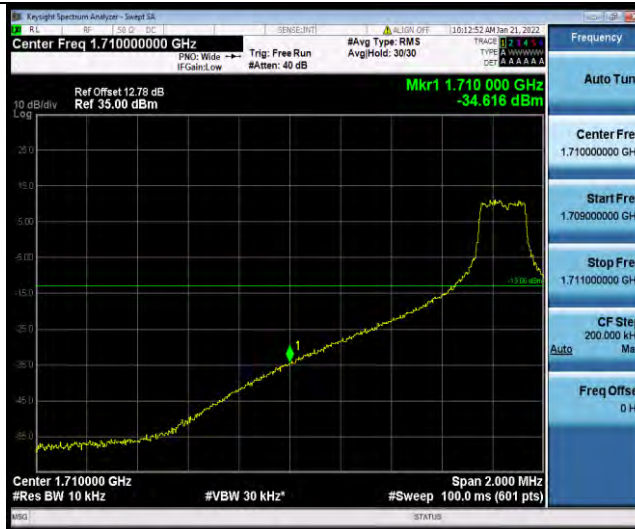
Band4-15MHz-64QAM-20025-1RB#0



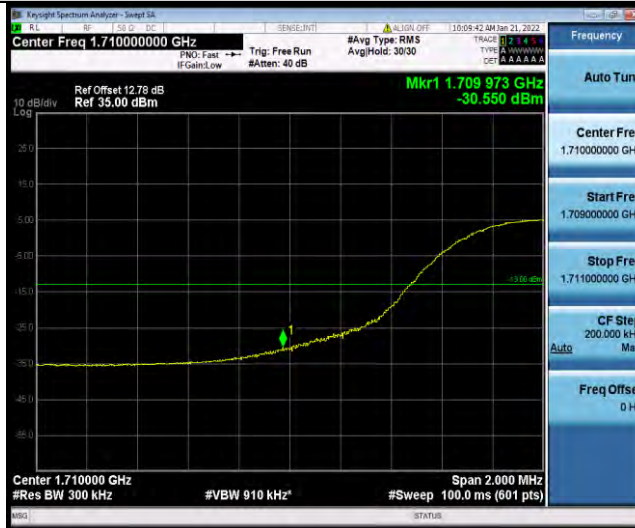


BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-15MHz-64QAM-20025-75RB#0



Band4-15MHz-64QAM-20325-1RB#74



Band4-15MHz-64QAM-20325-75RB#0



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-64QAM-20050-1RB#0



Band4-20MHz-64QAM-20050-100RB#0



Band4-20MHz-64QAM-20300-1RB#99



BUREAU VERITAS

Test Report No.: W7L-P22030026-5RF05



Band4-20MHz-64QAM-20300-100RB#0





Test Report No.: W7L-P22030026-5RF05

## CONDUCTED SPURIOUS EMISSION

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-41.13	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-33.82	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-40.92	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.96	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-34.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-40.31	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.58	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-41.53	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-33.98	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-41.47	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-33.91	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-40.91	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.59	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-41.47	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-33.77	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-40.63	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-34.05	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-40.56	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.6	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-41.25	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-33.9	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-41.06	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-33.89	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-41.16	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.35	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-40.86	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-34.3	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-41.43	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-34.34	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-41.02	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.39	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-41.65	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-34.11	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-39.54	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-34.49	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-41.61	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.88	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-40.93	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-33.49	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-40.61	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-33.89	PASS