



BUREAU
VERITAS

Test Report No.: W7L-P23030003RF06





Test Report No.: W7L-P23030003RF06

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-27.21,-18.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.10,-28.00	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-16.74,-24.20	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-21.92,-21.54	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-31.04,-20.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.24,-27.47	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-18.03,-25.47	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-24.57,-25.24	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	-31.83,-23.01	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-29.47,-29.08	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-21.87,-30.28	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-29.25,-29.71	PASS
Band12	3MHz	QPSK	23025	1RB#0	-29.58,-19.09	PASS
Band12	3MHz	QPSK	23025	15RB#0	-32.43,-32.20	PASS
Band12	3MHz	QPSK	23165	1RB#14	-16.29,-24.16	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.38,-27.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	-29.19,-20.17	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.37,-32.44	PASS
Band12	3MHz	16QAM	23165	1RB#14	-17.08,-25.69	PASS
Band12	3MHz	16QAM	23165	15RB#0	-30.80,-29.15	PASS
Band12	3MHz	64QAM	23025	1RB#0	-34.01,-23.43	PASS
Band12	3MHz	64QAM	23025	15RB#0	-32.85,-33.29	PASS
Band12	3MHz	64QAM	23165	1RB#14	-22.00,-32.83	PASS
Band12	3MHz	64QAM	23165	15RB#0	-33.87,-33.54	PASS
Band12	5MHz	QPSK	23035	1RB#0	-28.21,-17.90	PASS
Band12	5MHz	QPSK	23035	25RB#0	-31.23,-29.14	PASS
Band12	5MHz	QPSK	23155	1RB#24	-16.90,-25.75	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.47,-29.40	PASS
Band12	5MHz	16QAM	23035	1RB#0	-27.57,-18.45	PASS
Band12	5MHz	16QAM	23035	25RB#0	-32.02,-29.61	PASS
Band12	5MHz	16QAM	23155	1RB#24	-17.28,-27.60	PASS
Band12	5MHz	16QAM	23155	25RB#0	-30.24,-31.08	PASS
Band12	5MHz	64QAM	23035	1RB#0	-31.30,-18.68	PASS
Band12	5MHz	64QAM	23035	25RB#0	-33.39,-30.73	PASS
Band12	5MHz	64QAM	23155	1RB#24	-19.34,-29.50	PASS
Band12	5MHz	64QAM	23155	25RB#0	-31.60,-33.38	PASS
Band12	10MHz	QPSK	23060	1RB#0	-32.69,-23.36	PASS
Band12	10MHz	QPSK	23060	50RB#0	-34.64,-34.75	PASS
Band12	10MHz	QPSK	23130	1RB#49	-22.46,-32.65	PASS
Band12	10MHz	QPSK	23130	50RB#0	-36.10,-35.43	PASS
Band12	10MHz	16QAM	23060	1RB#0	-35.80,-24.22	PASS
Band12	10MHz	16QAM	23060	50RB#0	-34.04,-35.33	PASS
Band12	10MHz	16QAM	23130	1RB#49	-23.70,-33.20	PASS
Band12	10MHz	16QAM	23130	50RB#0	-35.45,-34.99	PASS

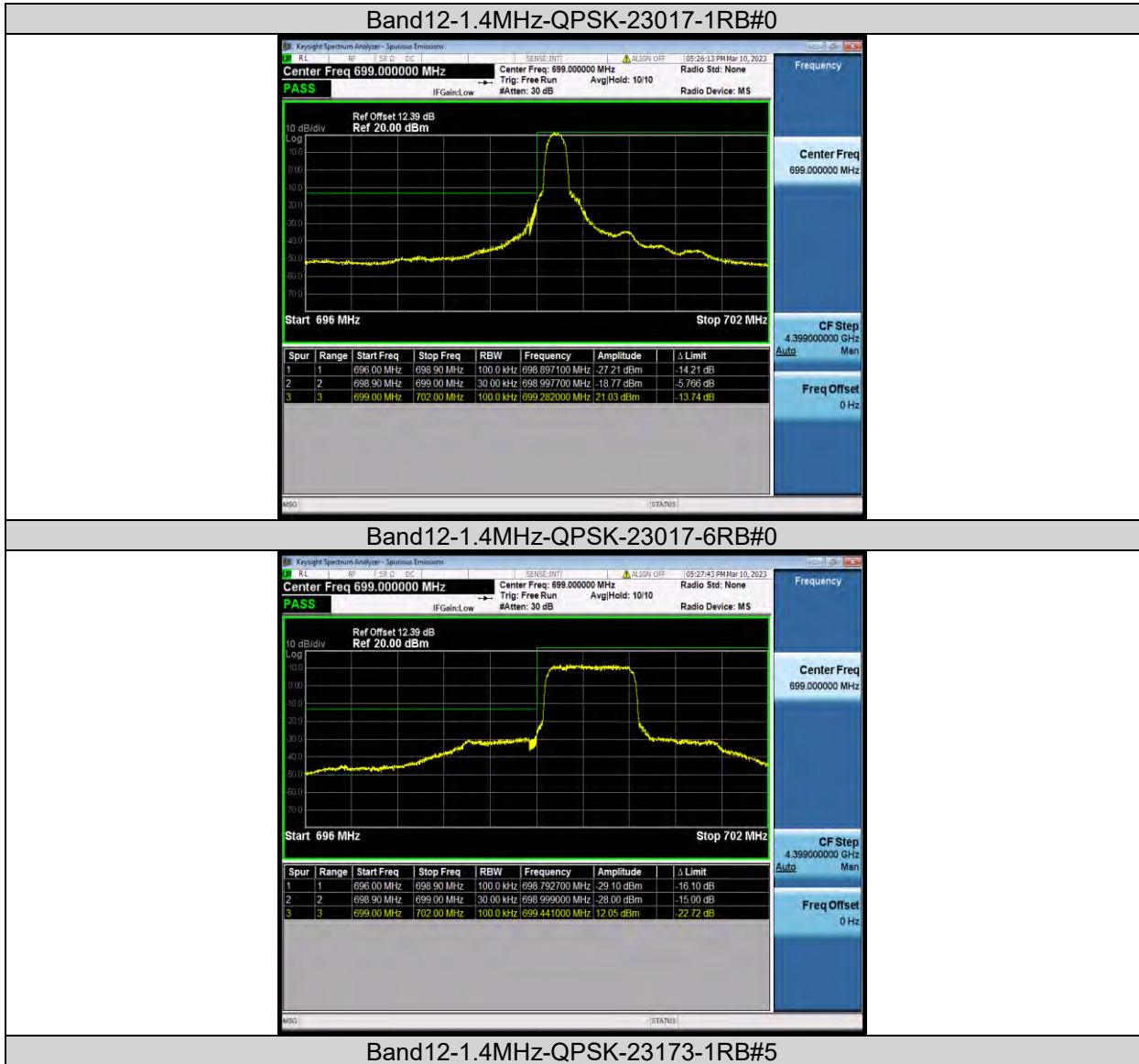


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Band12	10MHz	64QAM	23060	1RB#0	-34.40,-24.31	PASS
Band12	10MHz	64QAM	23060	50RB#0	-35.61,-36.10	PASS
Band12	10MHz	64QAM	23130	1RB#49	-24.70,-36.11	PASS
Band12	10MHz	64QAM	23130	50RB#0	-38.60,-37.48	PASS

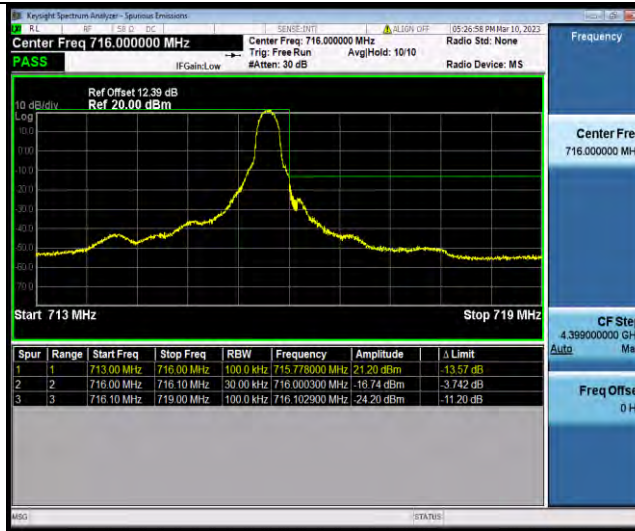
Test Graphs



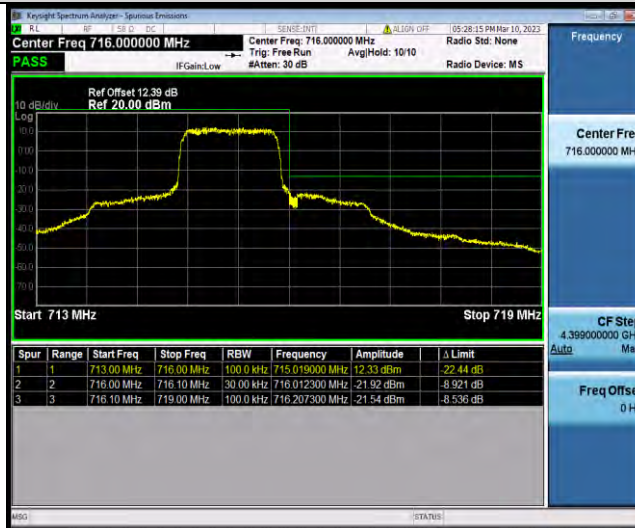


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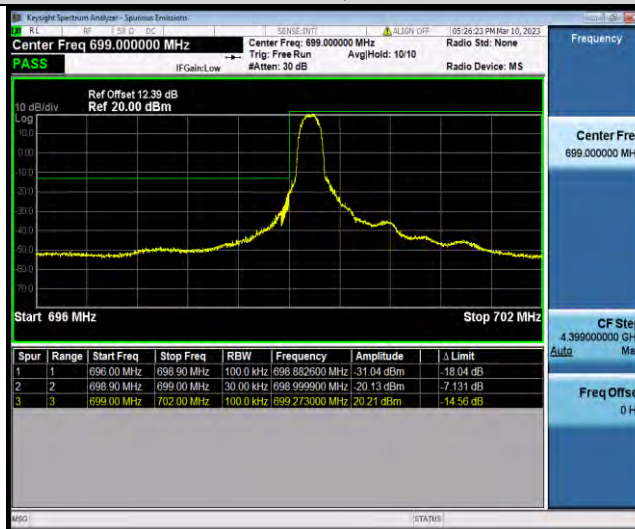
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Band12-1.4MHz-QPSK-23173-6RB#0



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

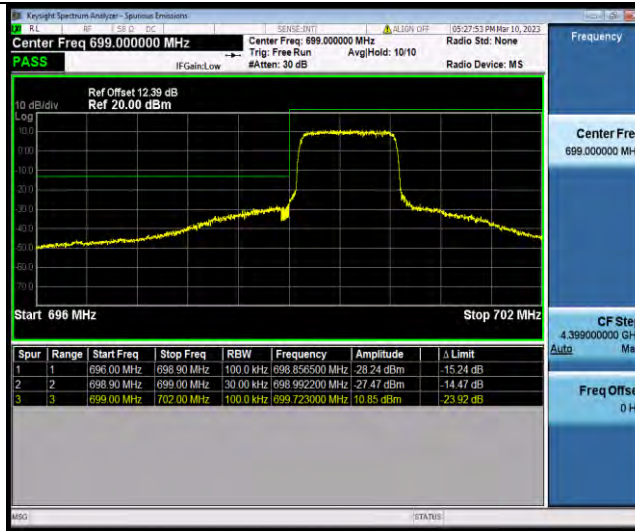


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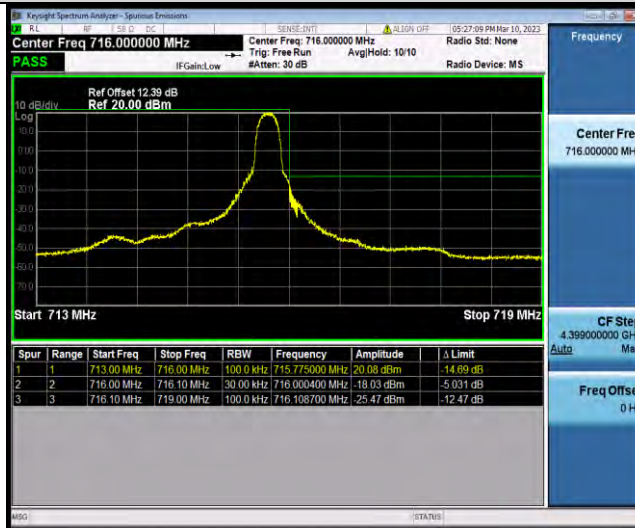


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Band12-1.4MHz-16QAM-23173-1RB#5



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

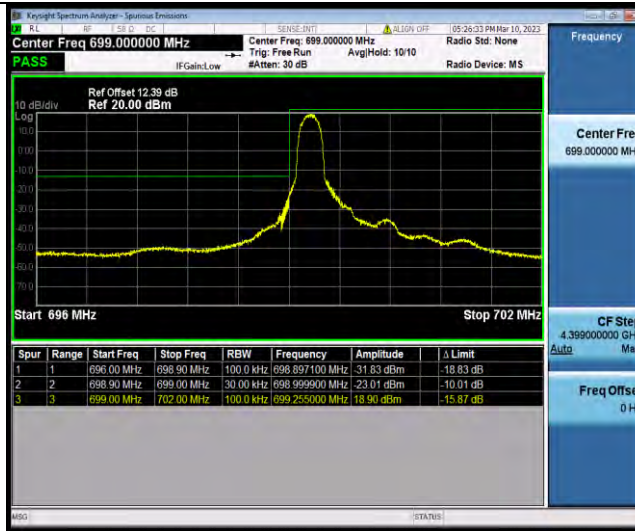


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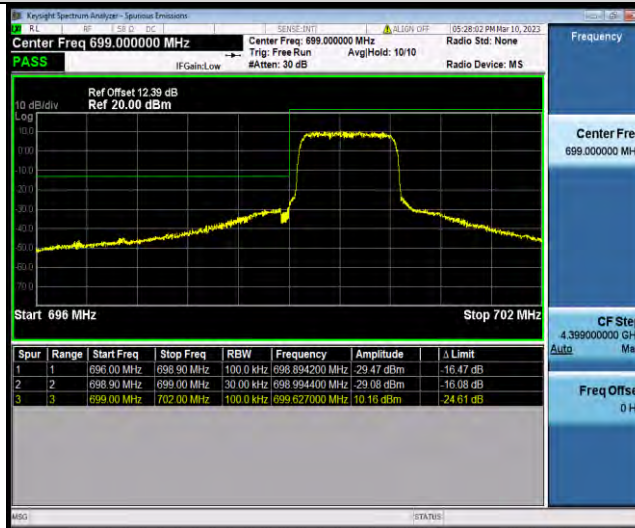


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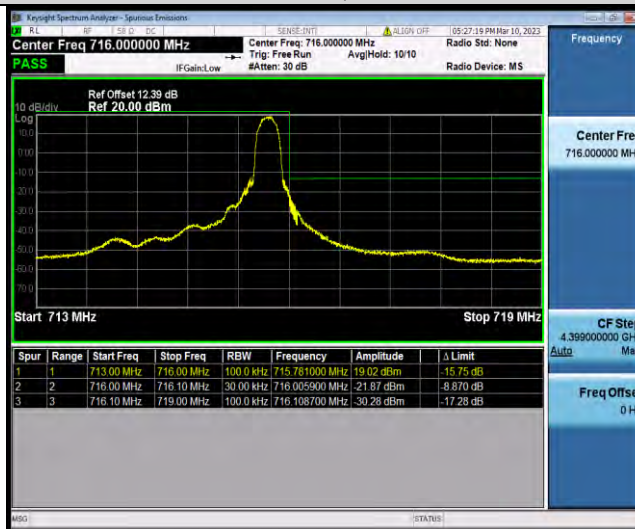
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Band12-1.4MHz-64QAM-23017-6RB#0



Band12-1.4MHz-64QAM-23173-1RB#5



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

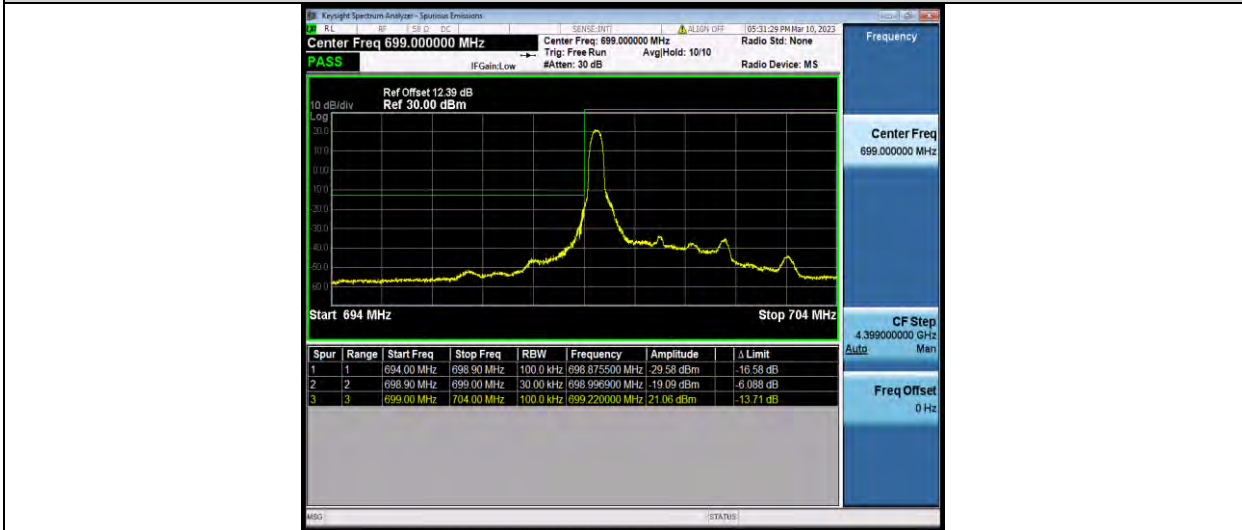


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Band12-3MHz-QPSK-23025-1RB#0



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

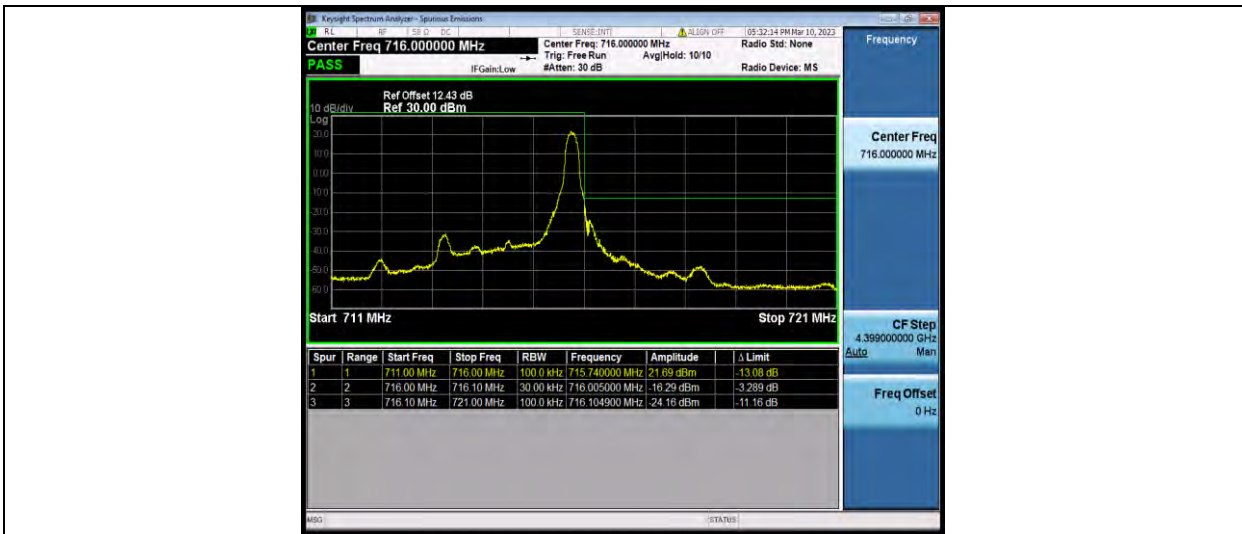


Band12-3MHz-QPSK-23165-1RB#14



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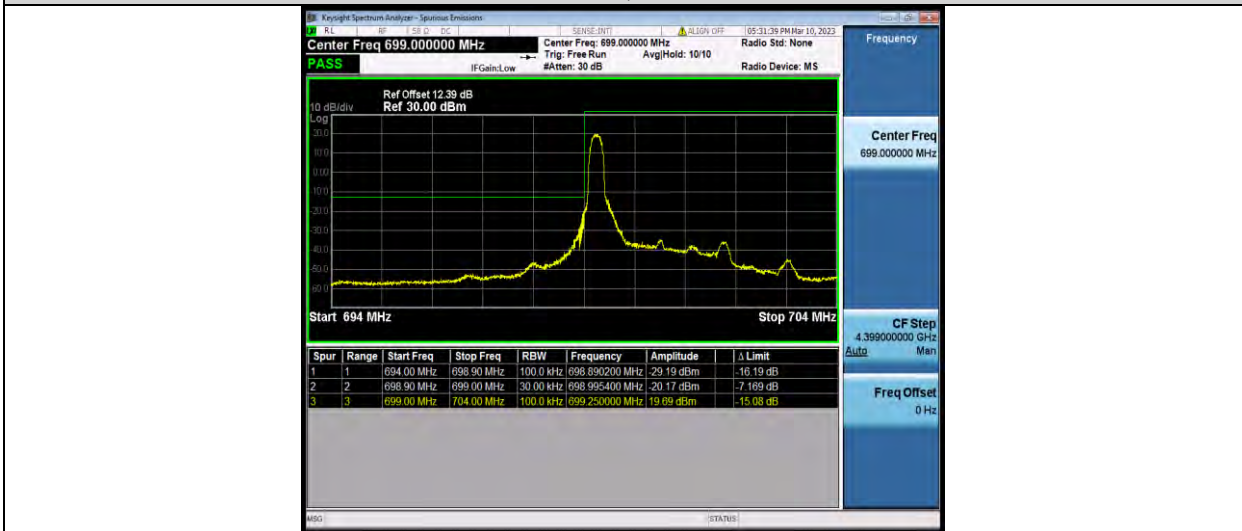
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Band12-3MHz-QPSK-23165-15RB#0



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



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

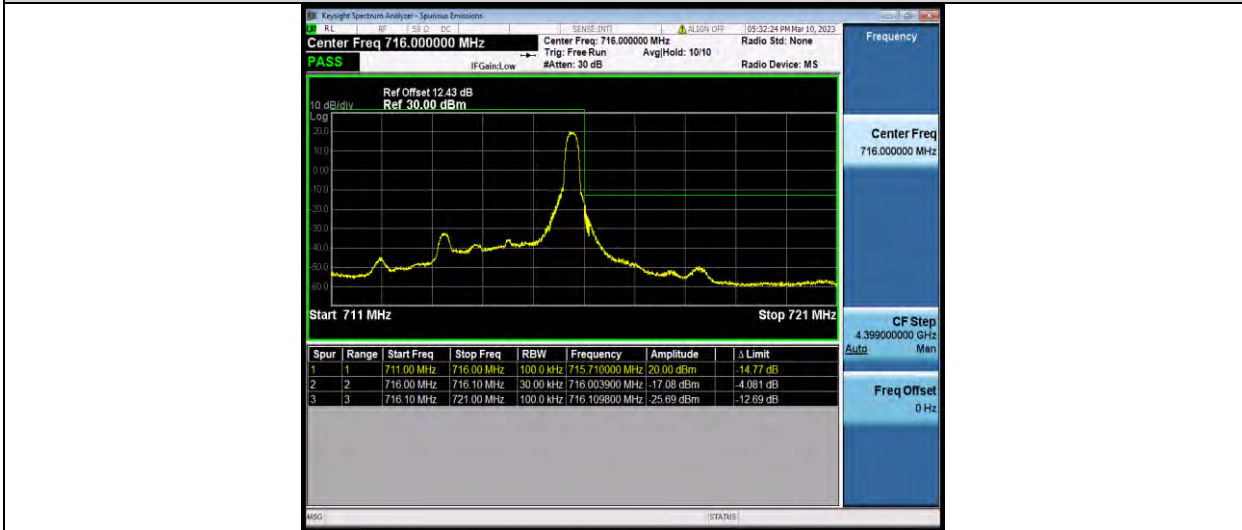


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Band12-3MHz-16QAM-23165-1RB#14



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

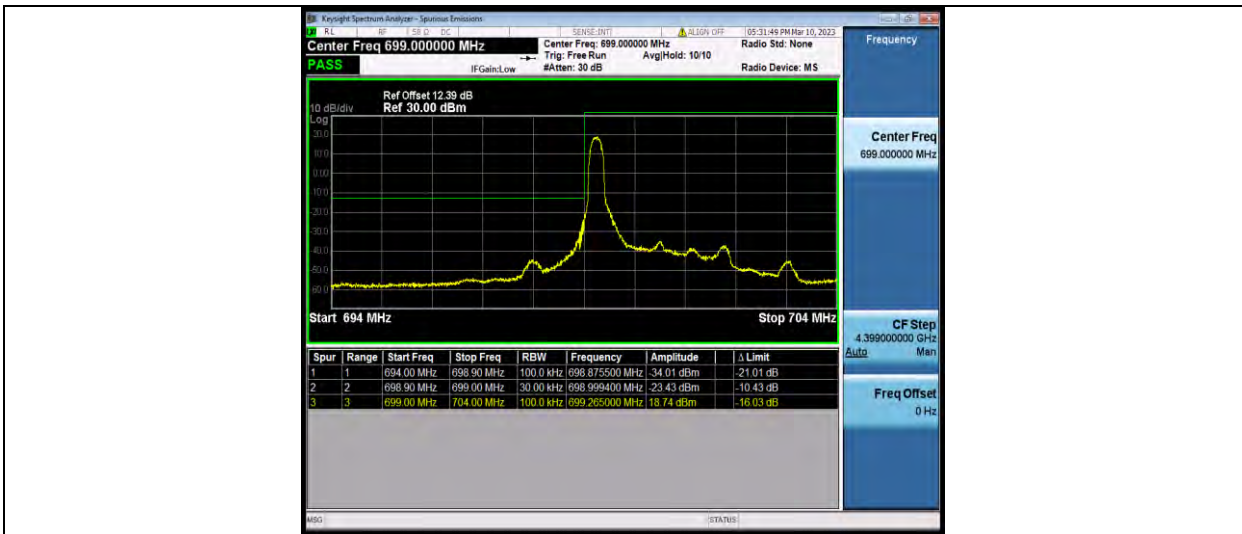


Band12-3MHz-64QAM-23025-1RB#0



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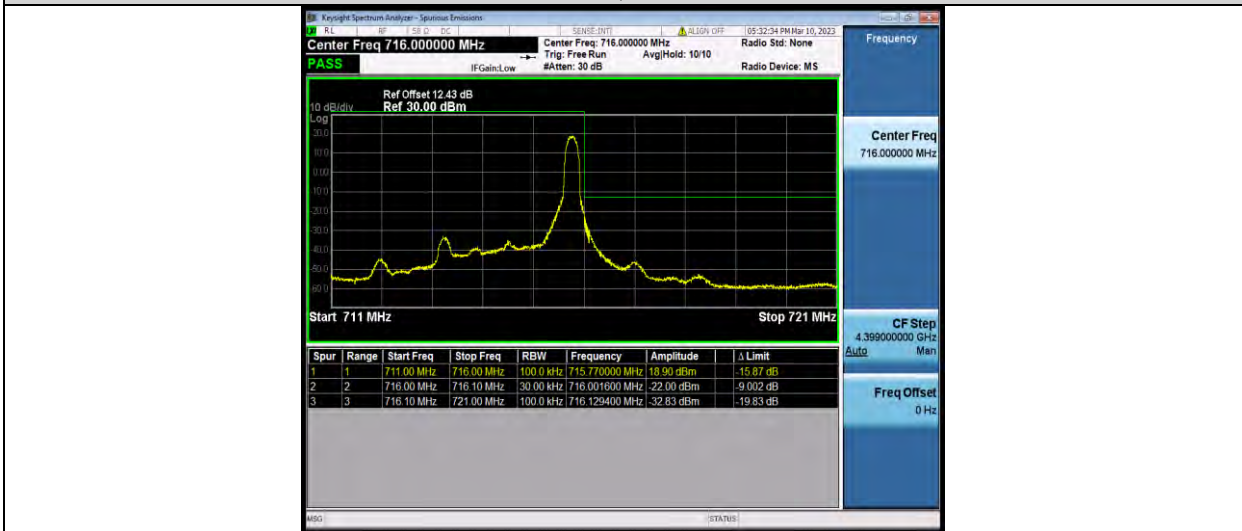
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Band12-3MHz-64QAM-23025-15RB#0



Band12-3MHz-64QAM-23165-1RB#14

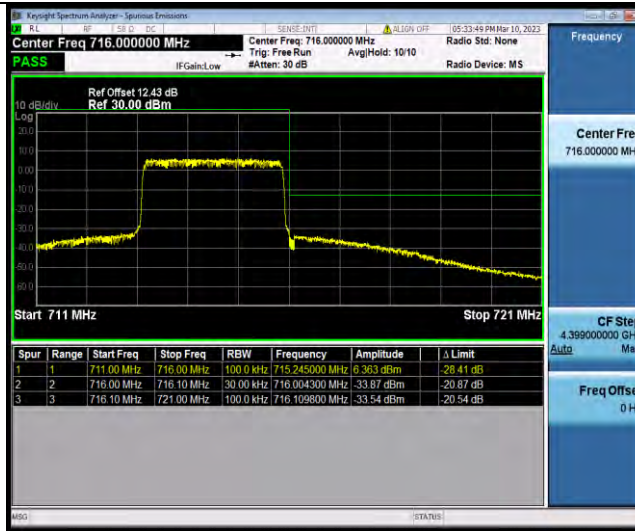


Band12-3MHz-64QAM-23165-15RB#0

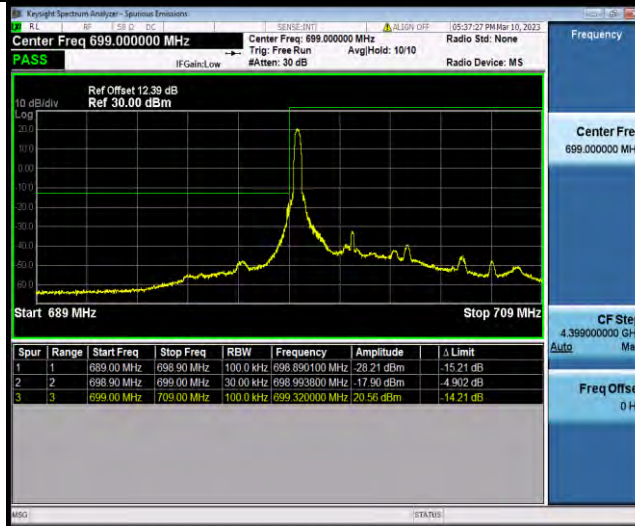


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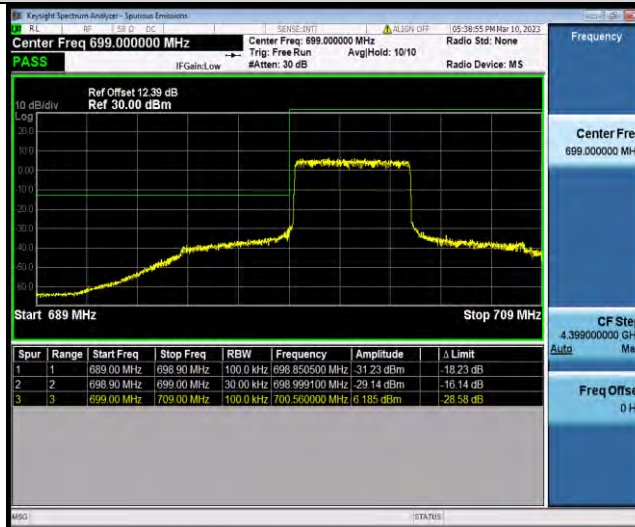
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Band12-5MHz-QPSK-23035-1RB#0



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

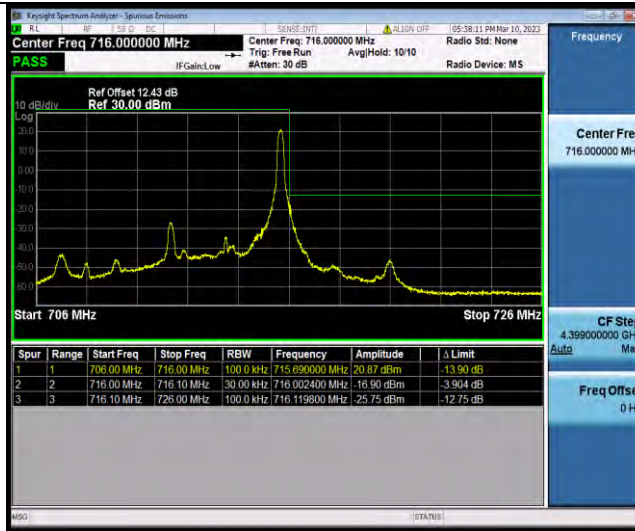


Band12-5MHz-QPSK-23155-1RB#24

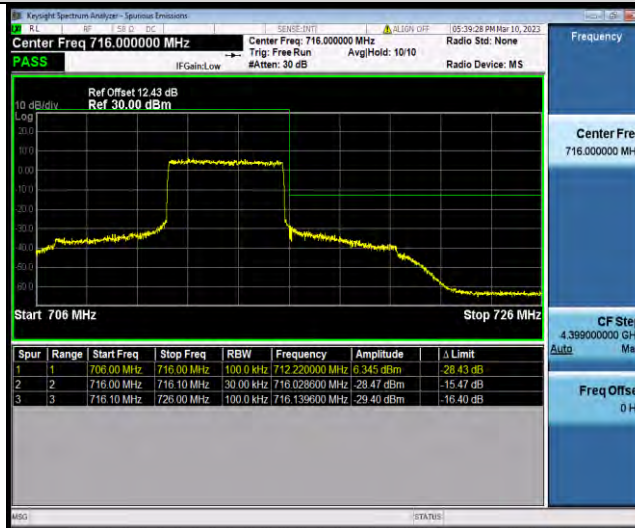


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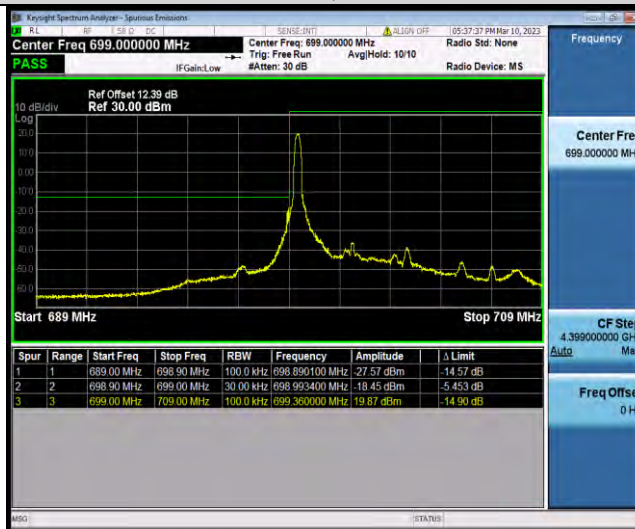
Test Report No.: W7L-P23030003RF06



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



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



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

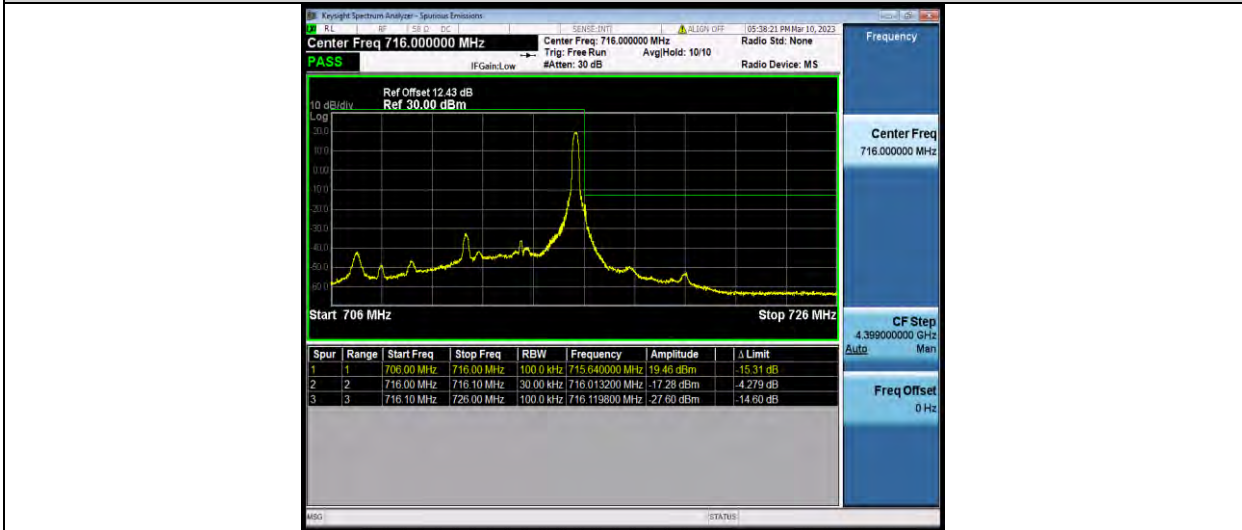


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Band12-5MHz-16QAM-23155-1RB#24



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

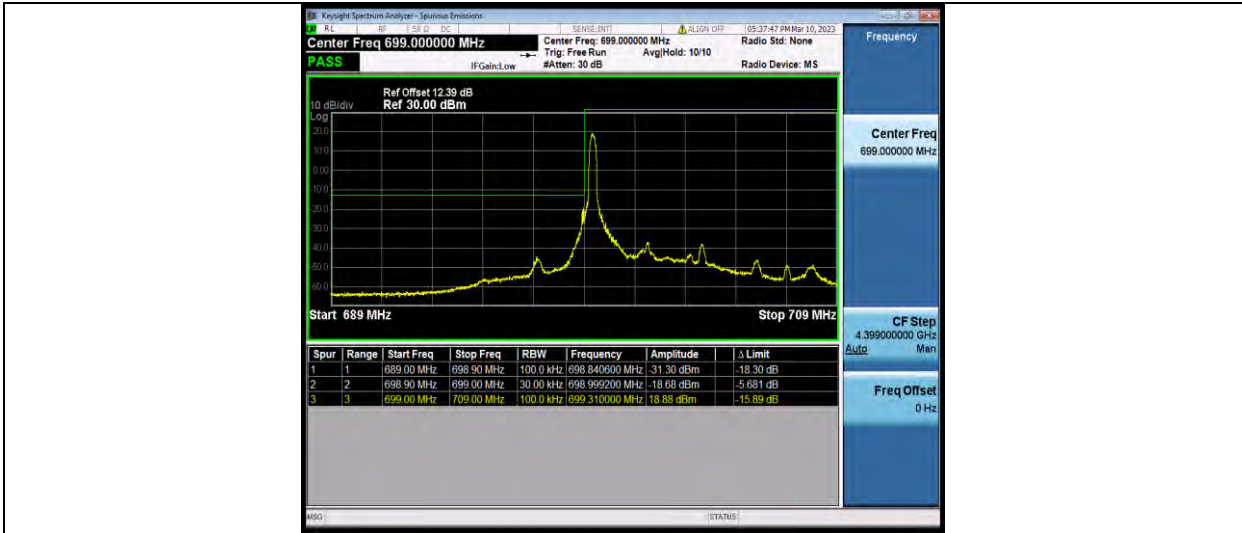


Band12-5MHz-64QAM-23035-1RB#0



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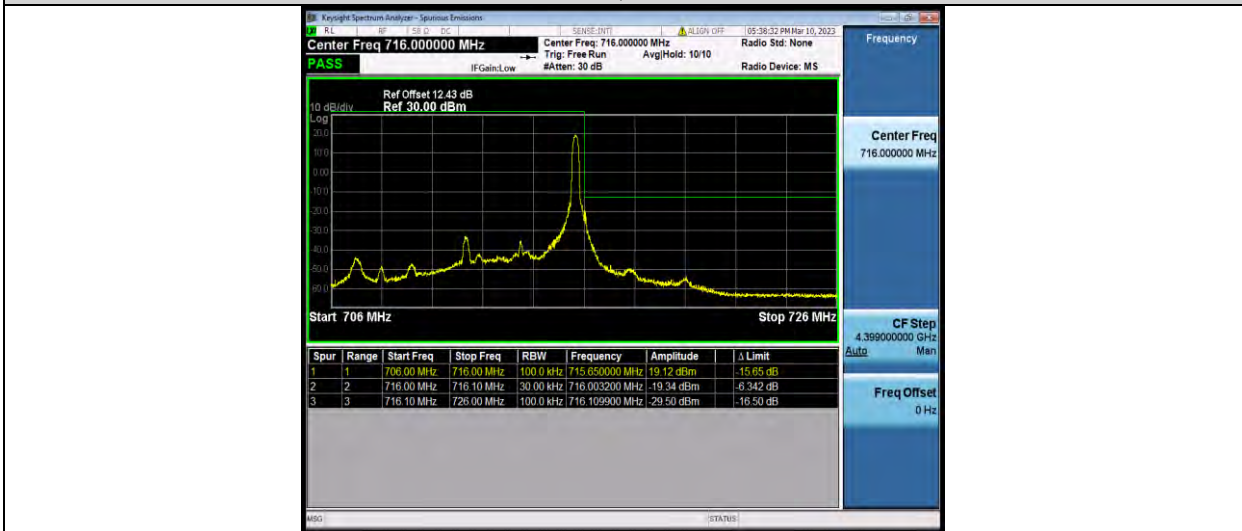
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Band12-5MHz-64QAM-23035-25RB#0



Band12-5MHz-64QAM-23155-1RB#24



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

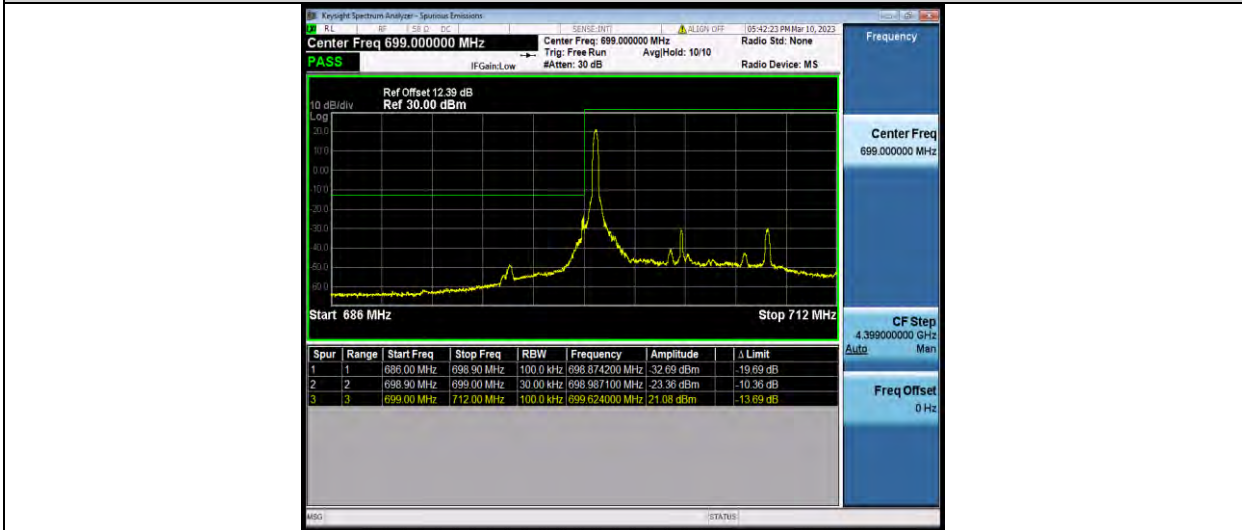


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Band12-10MHz-QPSK-23060-1RB#0



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

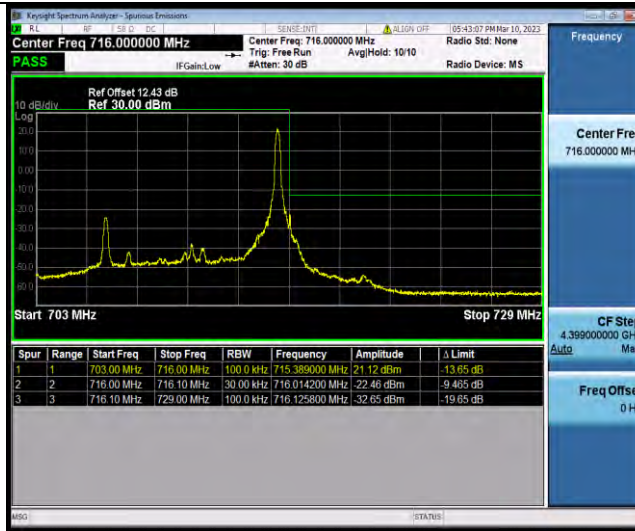


Band12-10MHz-QPSK-23130-1RB#49

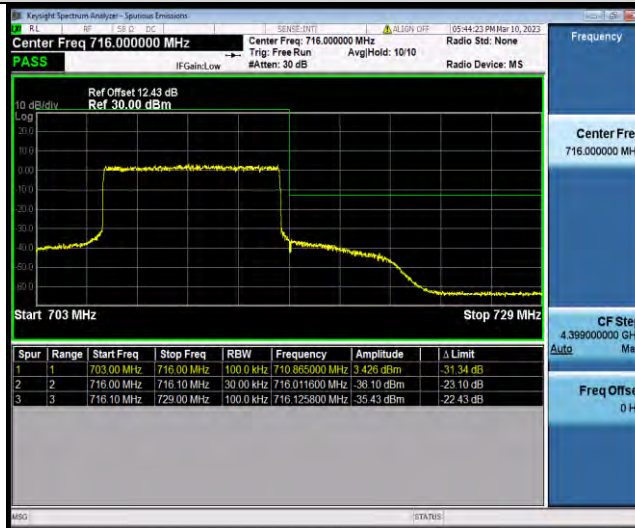


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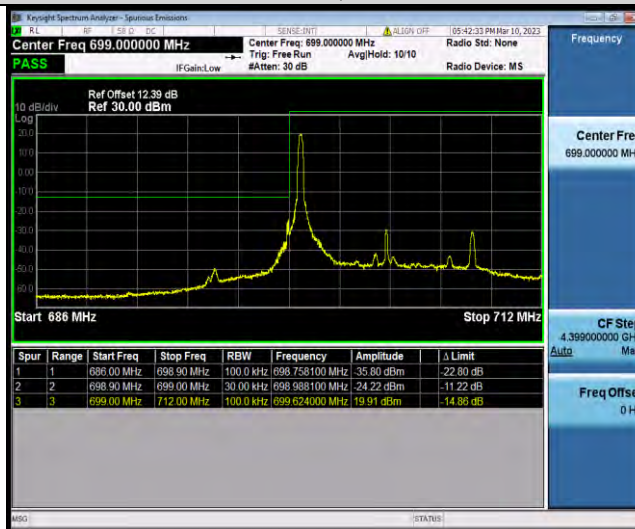
Test Report No.: W7L-P23030003RF06



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



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



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

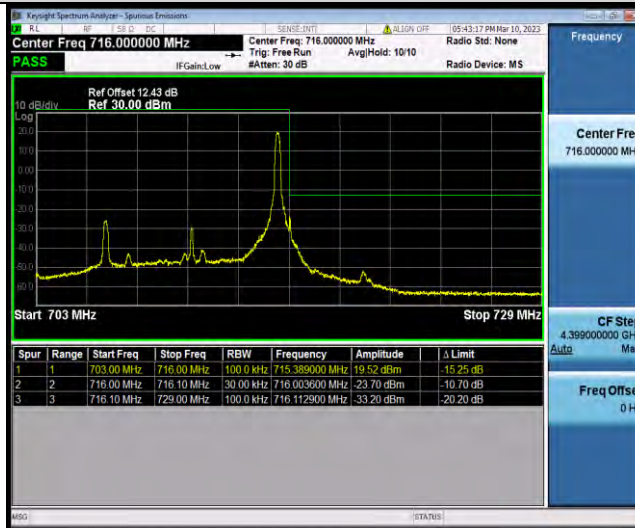


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Band12-10MHz-16QAM-23130-1RB#49



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

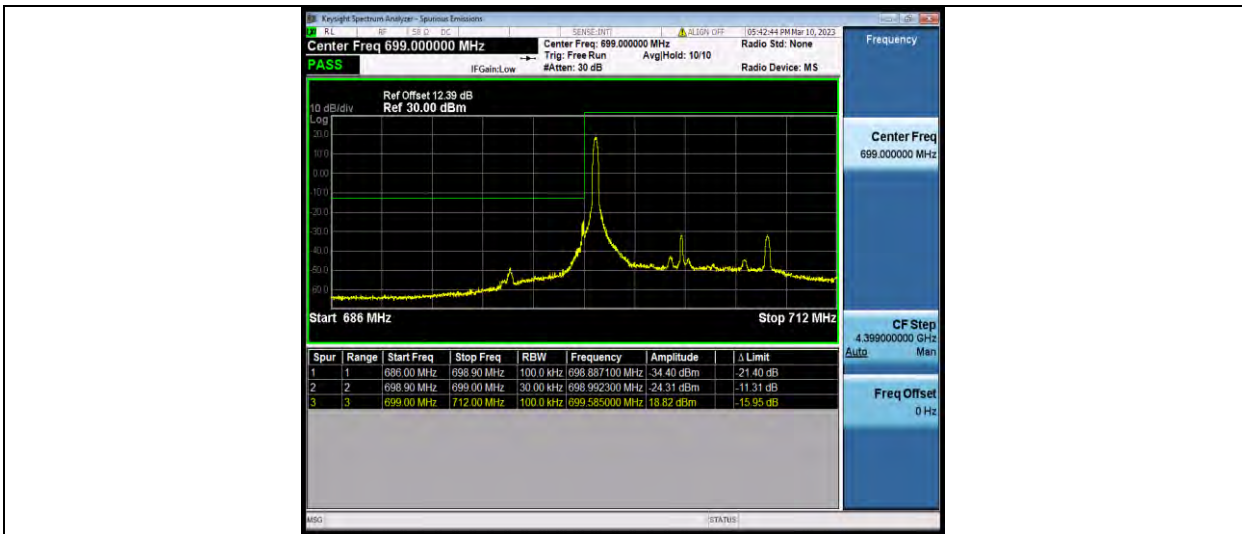


Band12-10MHz-64QAM-23060-1RB#0



BUREAU VERITAS

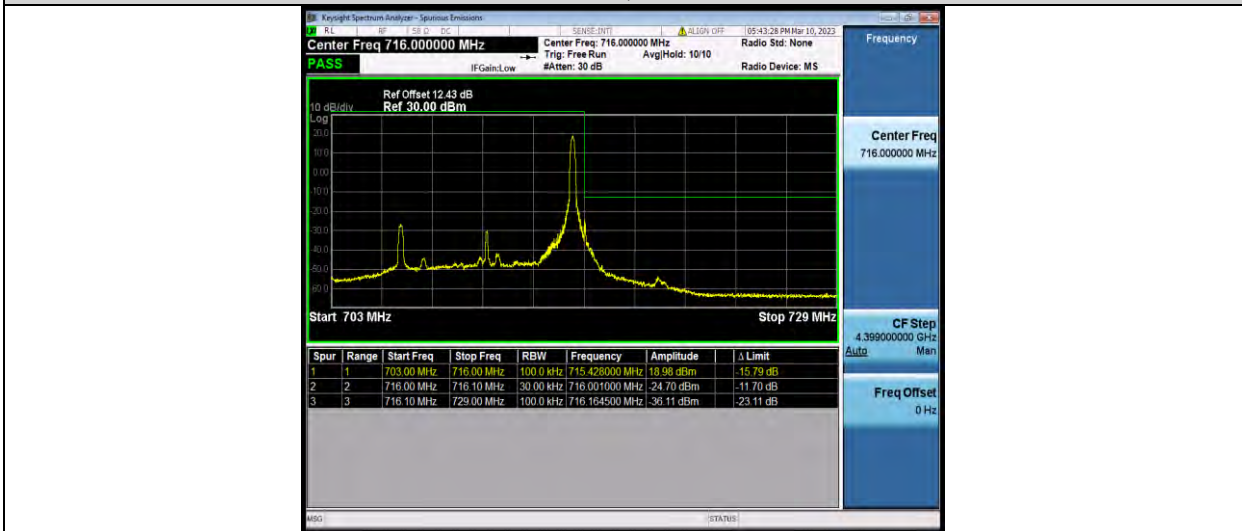
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Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23130-1RB#49



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



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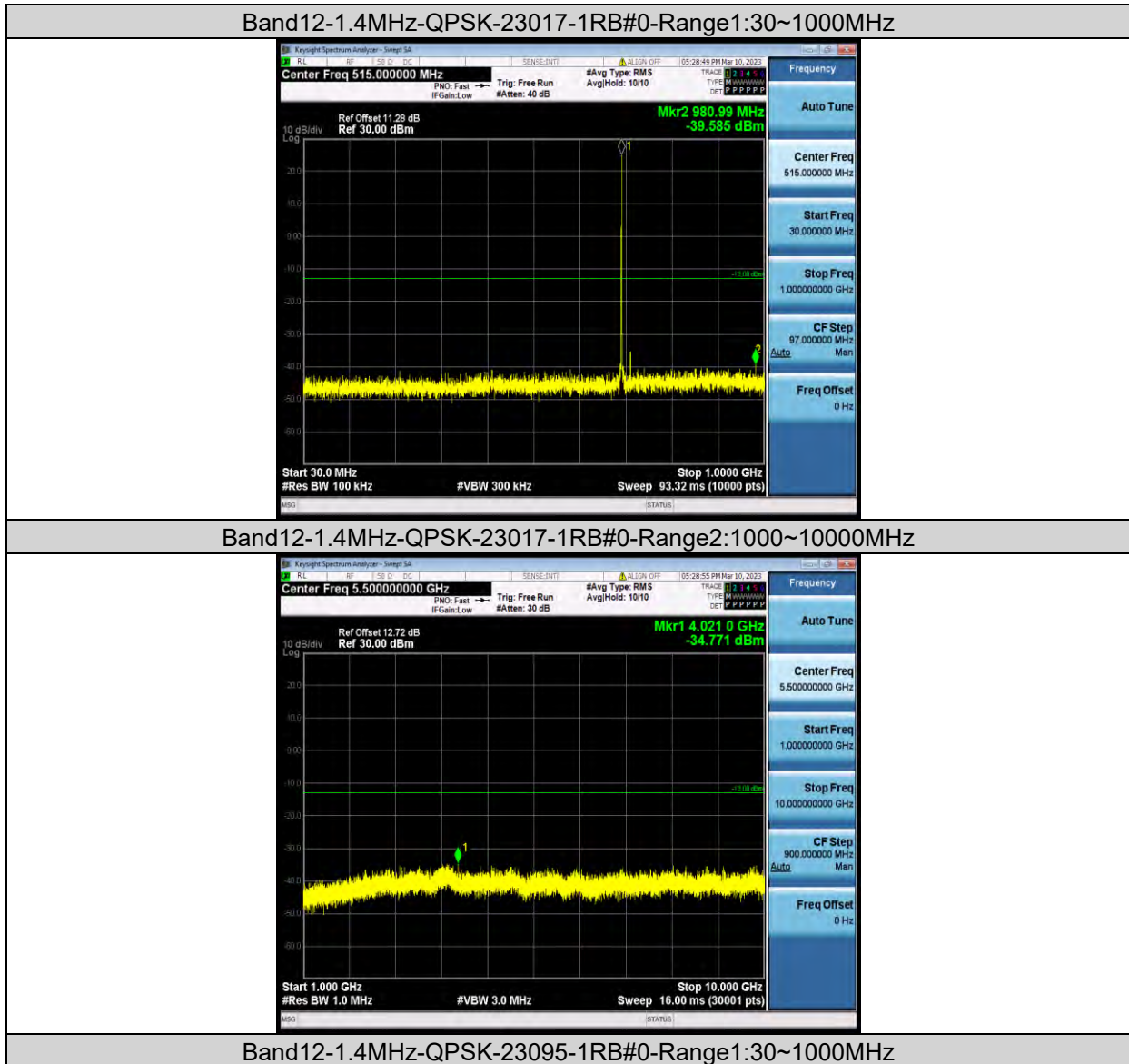
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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-39.59	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.94	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.81	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-32.69	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-39.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-33.68	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-39.65	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-34.69	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-39.2	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-33.61	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.96	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.39	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-39.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-33.57	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-40.63	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.02	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.02	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-40.08	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-33.74	PASS

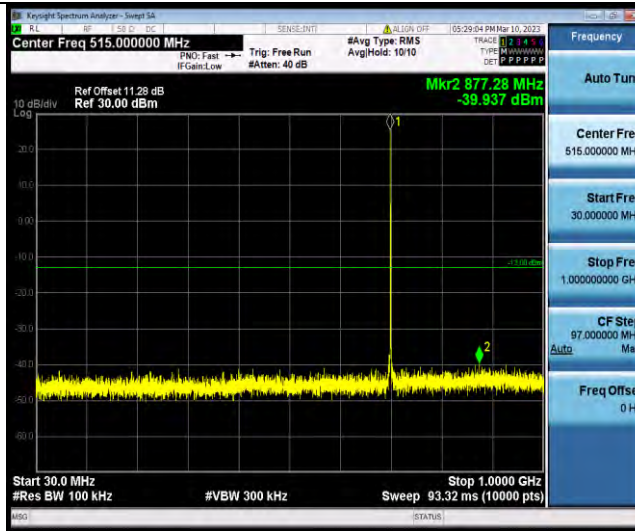
Test Graphs





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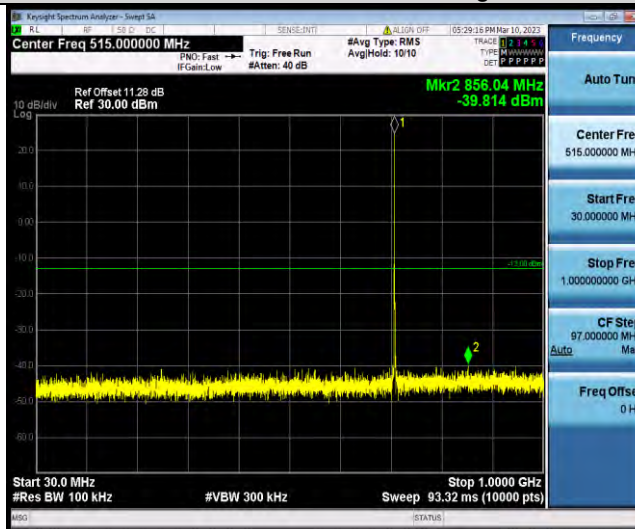
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Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz

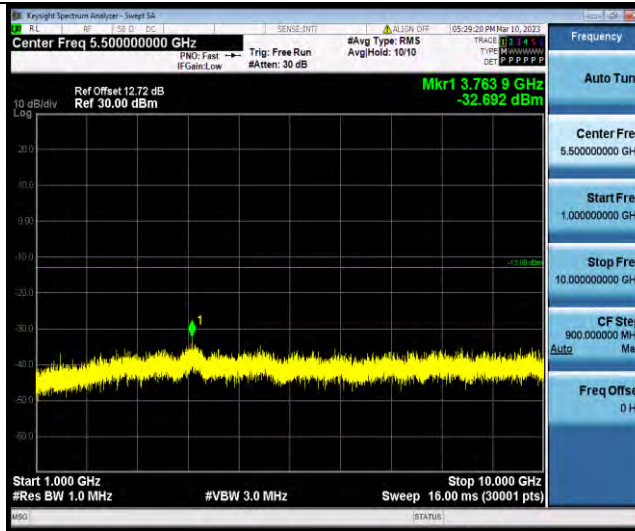


Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



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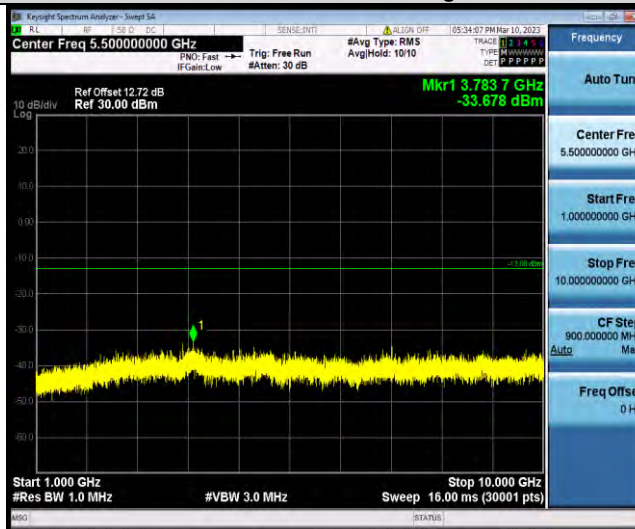
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Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz

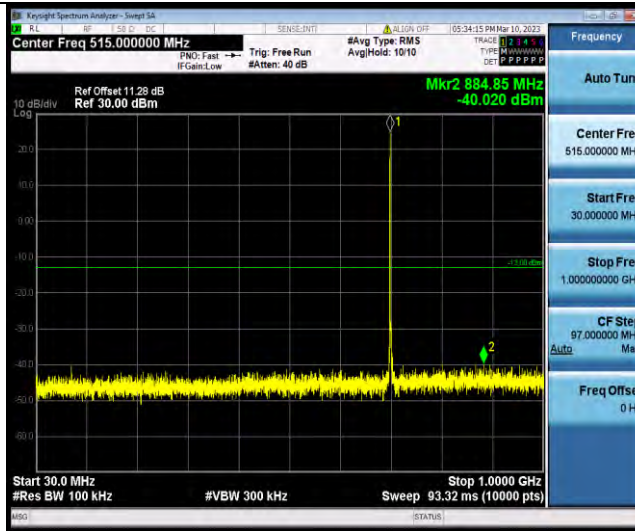


Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

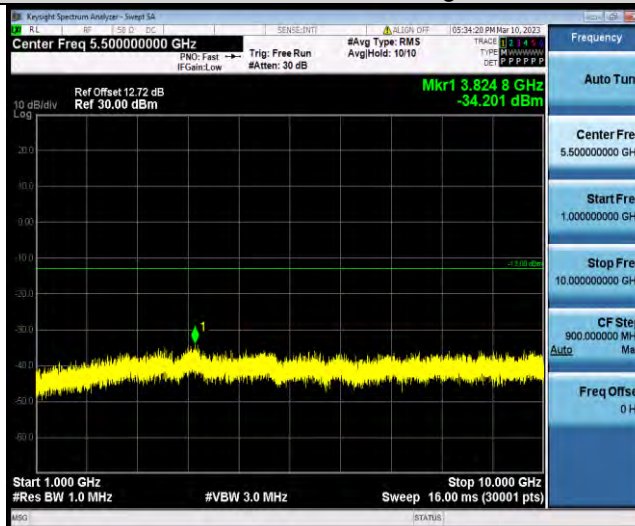


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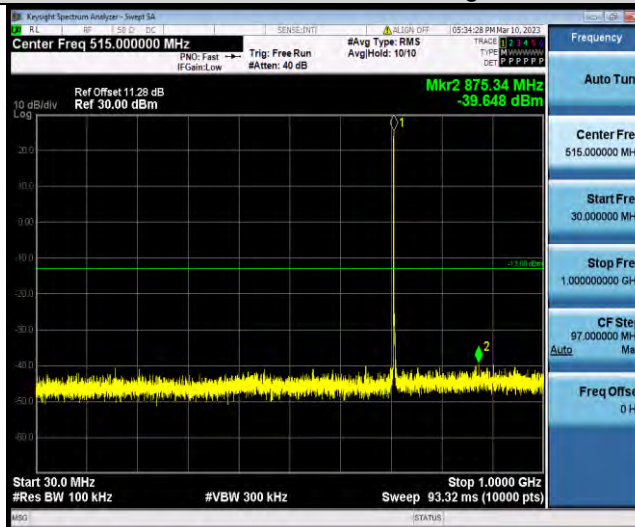
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Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz

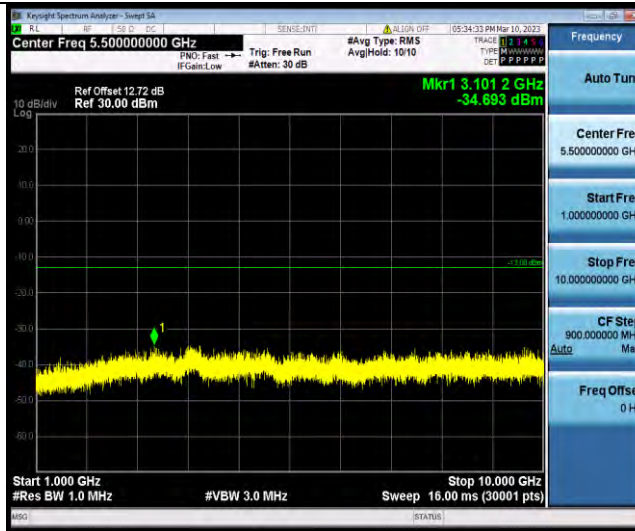


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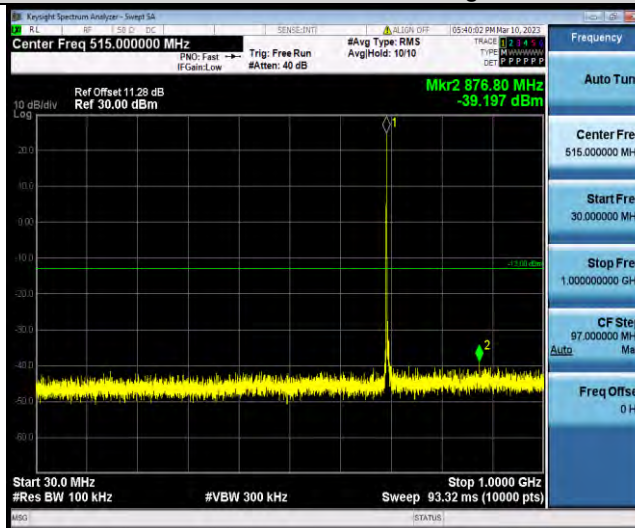


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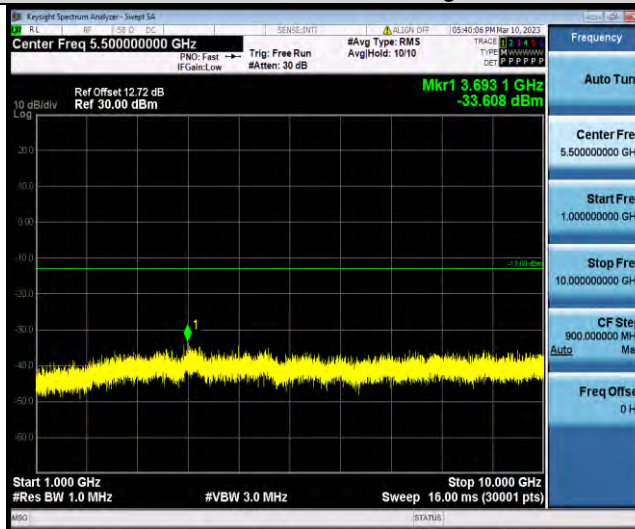
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Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz

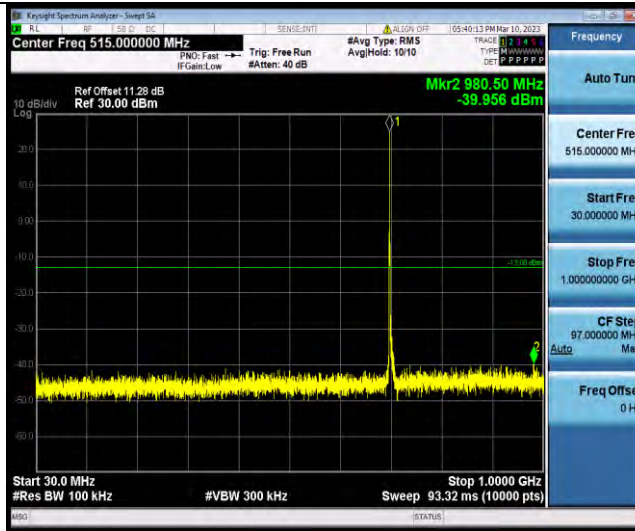


Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

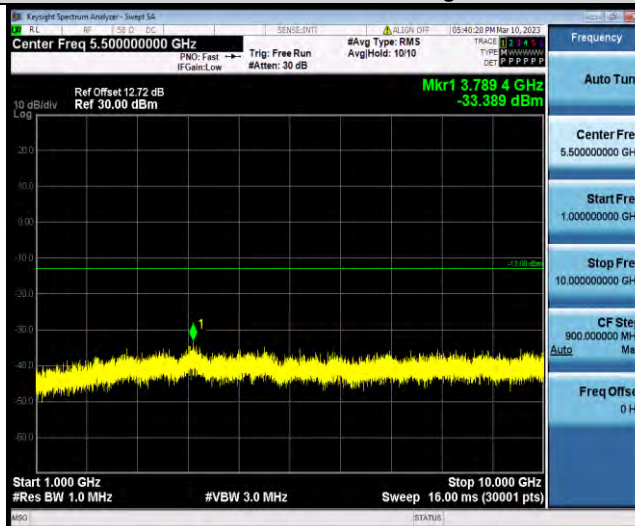


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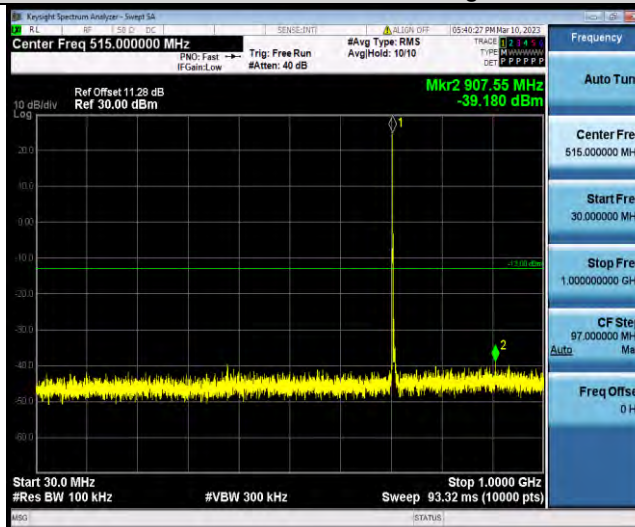
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Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz

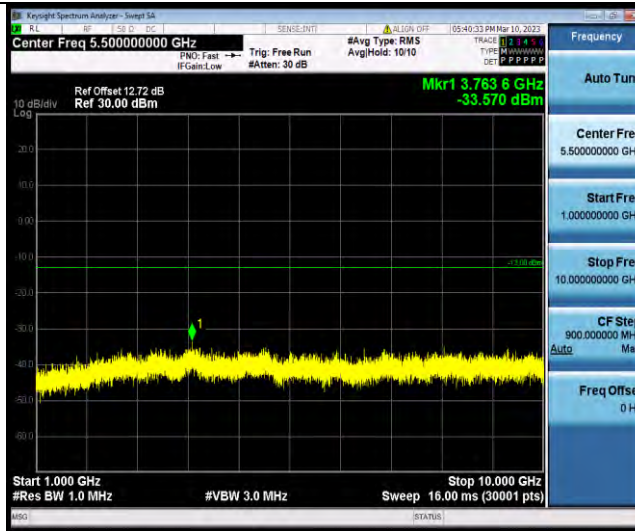


Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz

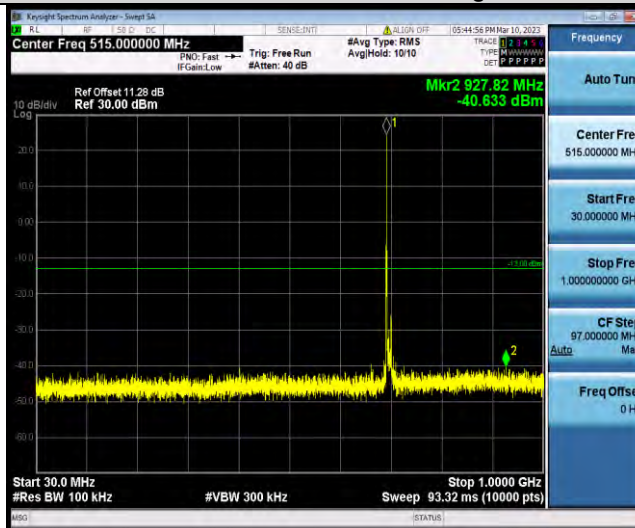


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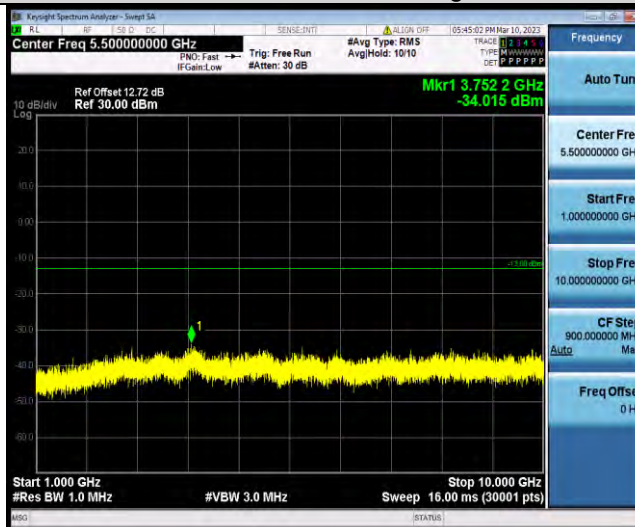
Test Report No.: W7L-P23030003RF06



Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz

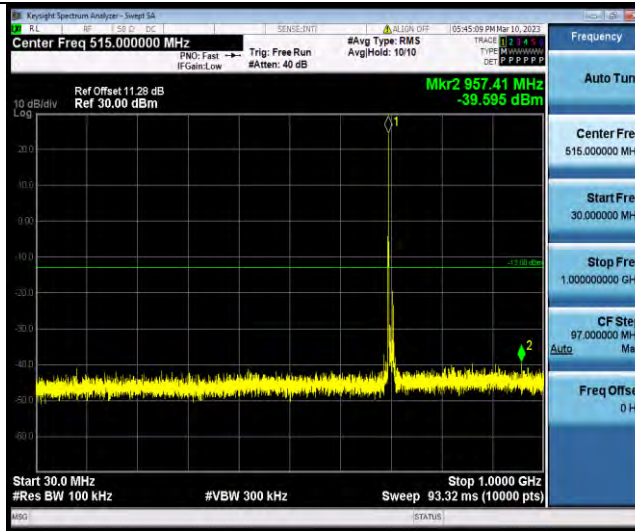


Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

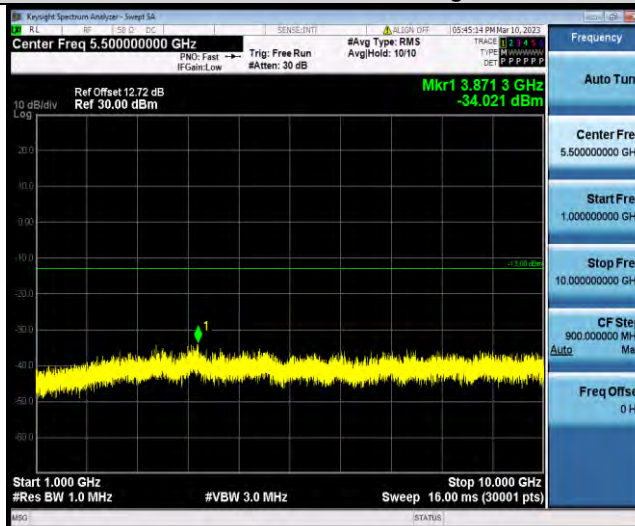


BUREAU VERITAS

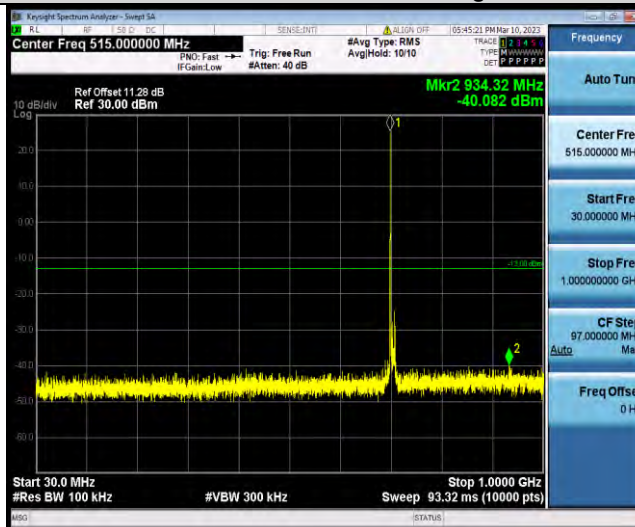
Test Report No.: W7L-P23030003RF06



Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz

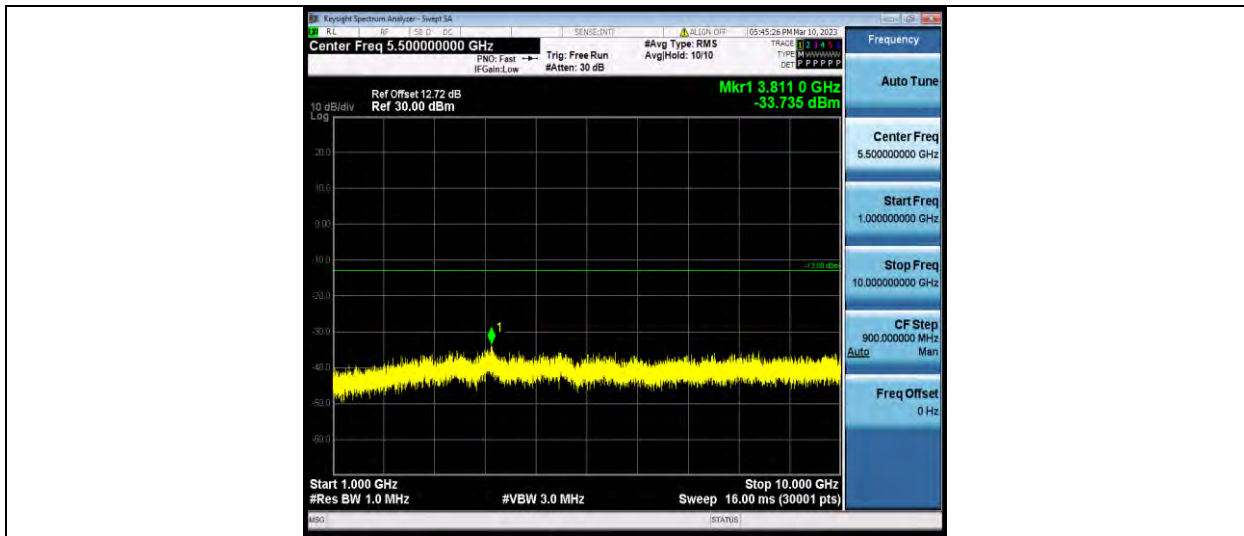


Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



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Test Report No.: W7L-P23030003RF06





Test Report No.: W7L-P23030003RF06

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	10MHz	QPSK	23060	50RB#0	LV	NT	-7.31	-0.010384	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	NT	-9.96	-0.014148	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	HV	NT	-5.84	-0.008295	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	LV	NT	-10.10	-0.014276	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	NT	-4.32	-0.006106	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	HV	NT	-8.74	-0.012353	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	LV	NT	-8.83	-0.012419	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	NT	-4.02	-0.005654	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	HV	NT	-7.84	-0.011027	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	-8.53	-0.012116	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-7.77	-0.011037	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-10	-9.43	-0.013395	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-7.27	-0.010327	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-8.90	-0.012642	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-4.52	-0.006420	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	-4.92	-0.006989	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-8.53	-0.012116	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	-9.63	-0.013679	±2.5	PASS
Band1	10MHz	QPSK	23095	50RB#0	NV	-30	-7.51	-0.010615	±2.5	PASS



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Test Report No.: W7L-P23030003RF06

2										
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-3.12	-0.004410	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-10	-7.11	-0.010049	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-9.34	-0.013201	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	-8.20	-0.011590	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-8.45	-0.011943	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	-7.88	-0.011138	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	-8.90	-0.012580	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	2.85	0.004028	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-11.86	-0.016681	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-4.63	-0.006512	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-10	-6.68	-0.009395	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-7.68	-0.010802	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-5.32	-0.007482	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-4.46	-0.006273	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	-5.16	-0.007257	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-8.35	-0.011744	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	-5.59	-0.007862	±2.5	PASS

Note: LV = Low voltage(3.5V); NV = Normal voltage(3.8V); HV = High voltage(4.2V);
NT = Normal temperature (25°C).

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
fL- MAX(Δ f)	699.505650	≥699	PASS
fH- MAX(Δ f)	715.48680	≤716	

Note : 1. |MAX(Δ f)| = Max Deviation

2. fL = Occ low channel fL(-13dBm/MHz)

3. fH = Occ High channel fH(-13dBm/MHz)

4. |MAX(Δ f)| = -11.86Hz.



Test Report No.: W7L-P23030003RF06

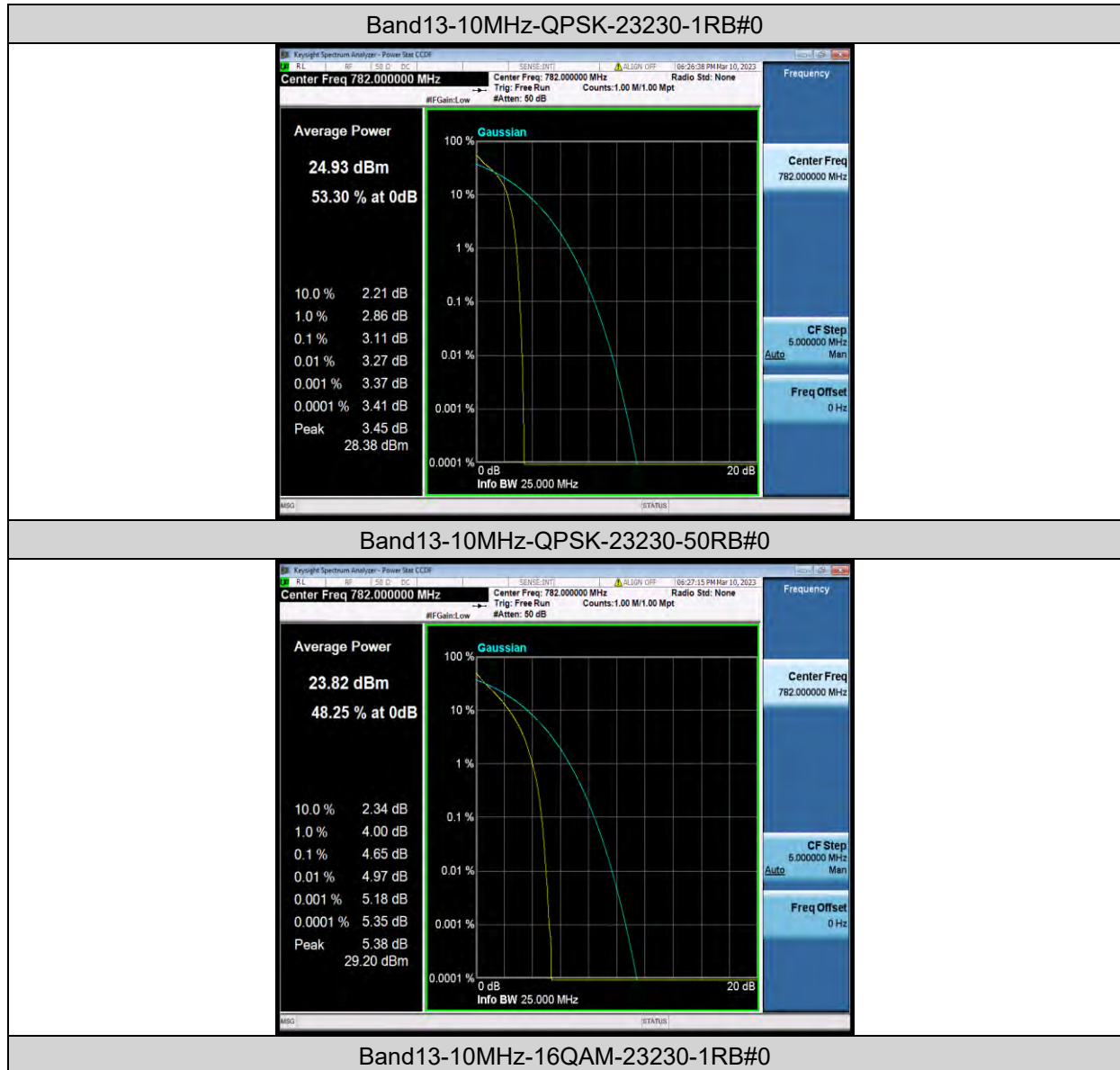
LTE BAND13

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	3.11	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.65	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.13	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.51	13	PASS
Band13	10MHz	64QAM	23230	1RB#0	4.73	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.12	13	PASS

Test Graphs



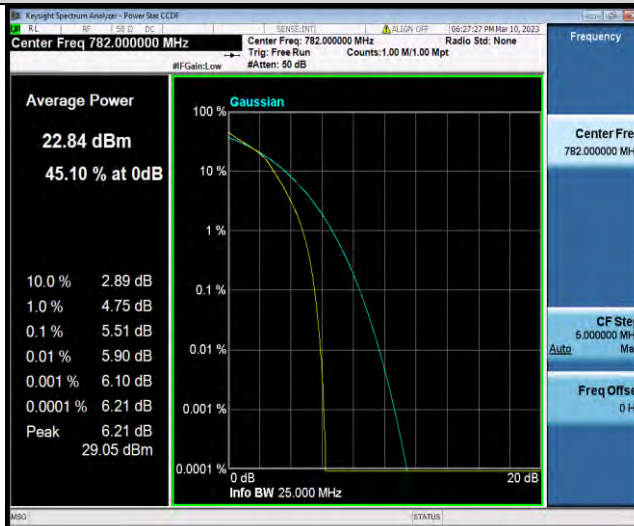


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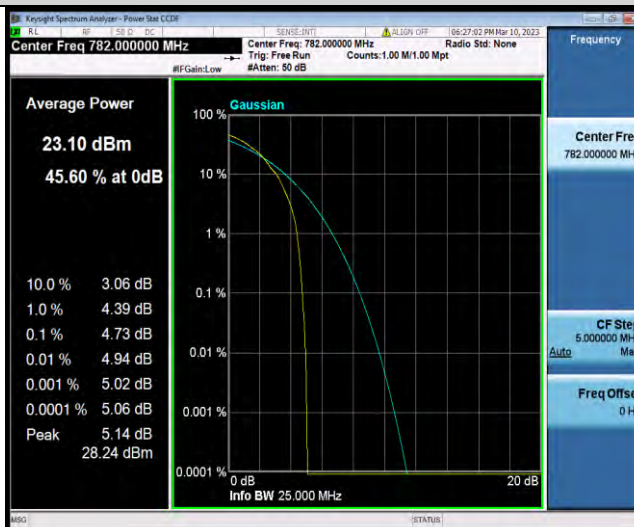
Test Report No.: W7L-P23030003RF06



Band13-10MHz-16QAM-23230-50RB#0



Band13-10MHz-64QAM-23230-1RB#0

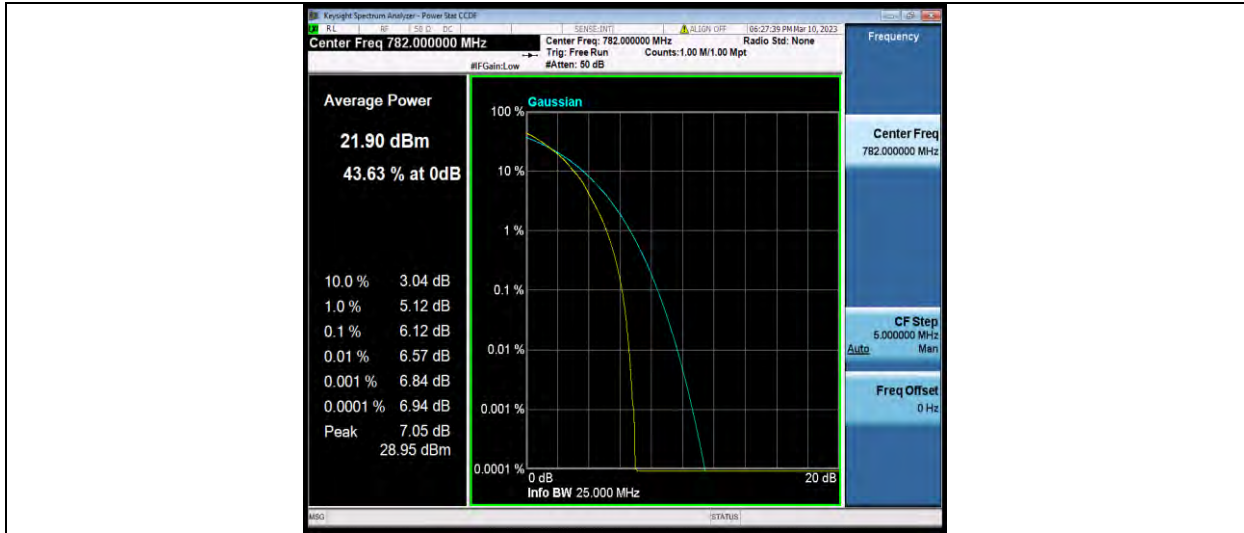


Band13-10MHz-64QAM-23230-50RB#0



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Test Report No.: W7L-P23030003RF06





Test Report No.: W7L-P23030003RF06

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

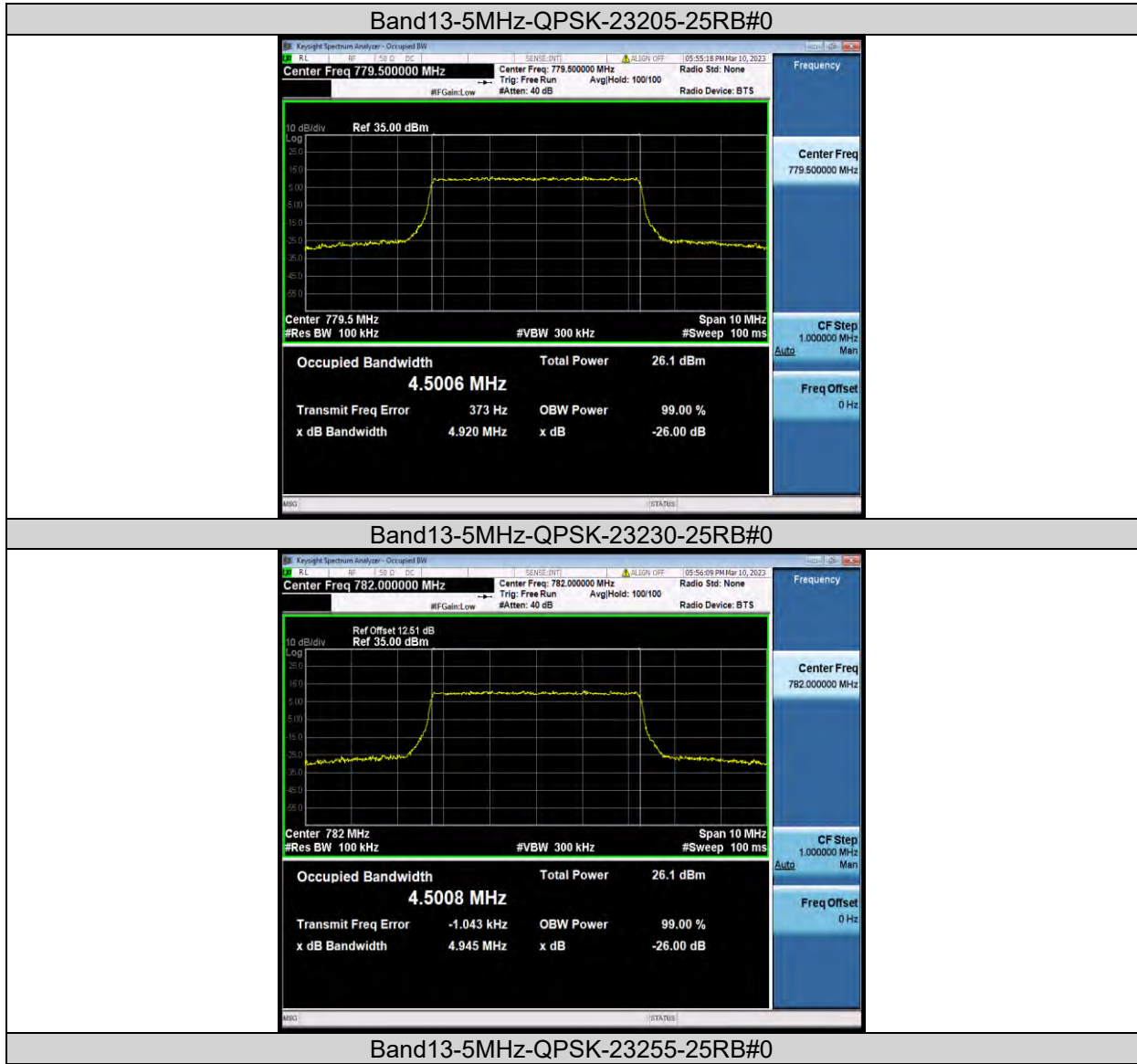
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5006	4.920	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5008	4.945	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5006	4.904	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5108	4.953	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5082	4.963	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5013	4.928	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.5031	4.948	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.5035	4.924	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.5021	4.919	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9882	9.596	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9782	9.608	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.9785	9.595	PASS



Test Report No.: W7L-P23030003RF06

Test Graphs





BUREAU VERITAS

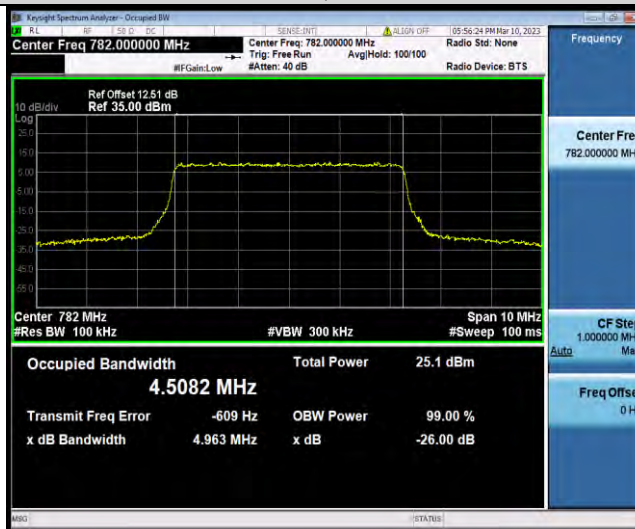
Test Report No.: W7L-P23030003RF06



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0

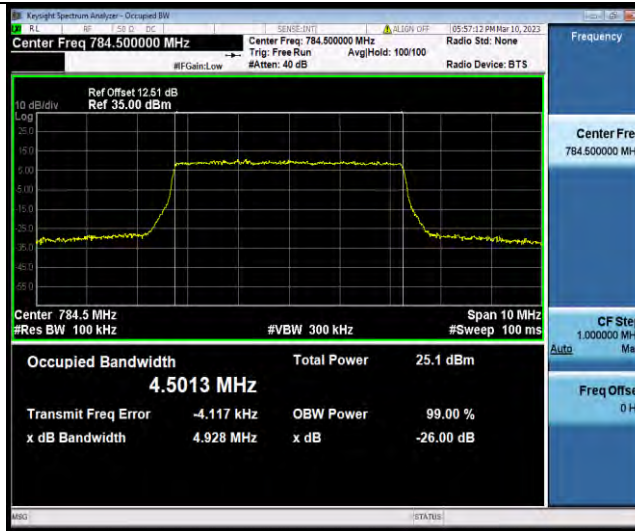


Band13-5MHz-16QAM-23255-25RB#0



BUREAU VERITAS

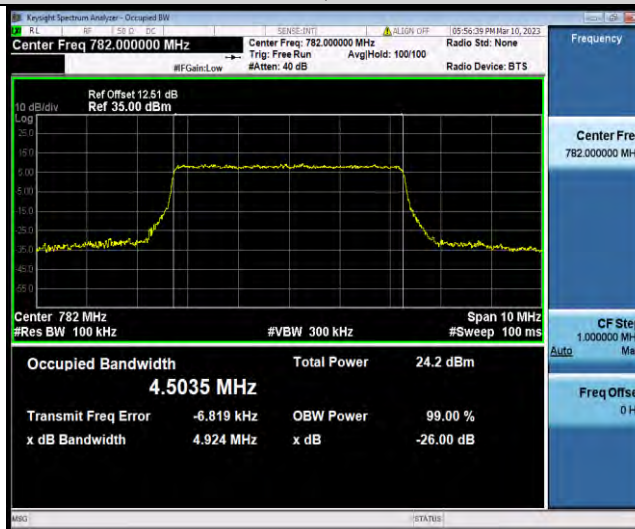
Test Report No.: W7L-P23030003RF06



Band13-5MHz-64QAM-23205-25RB#0



Band13-5MHz-64QAM-23230-25RB#0

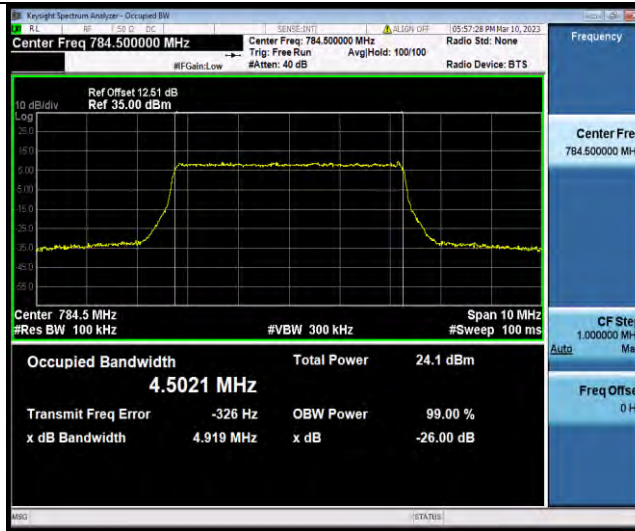


Band13-5MHz-64QAM-23255-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



Band13-10MHz-64QAM-23230-50RB#0



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VERITAS

Test Report No.: W7L-P23030003RF06





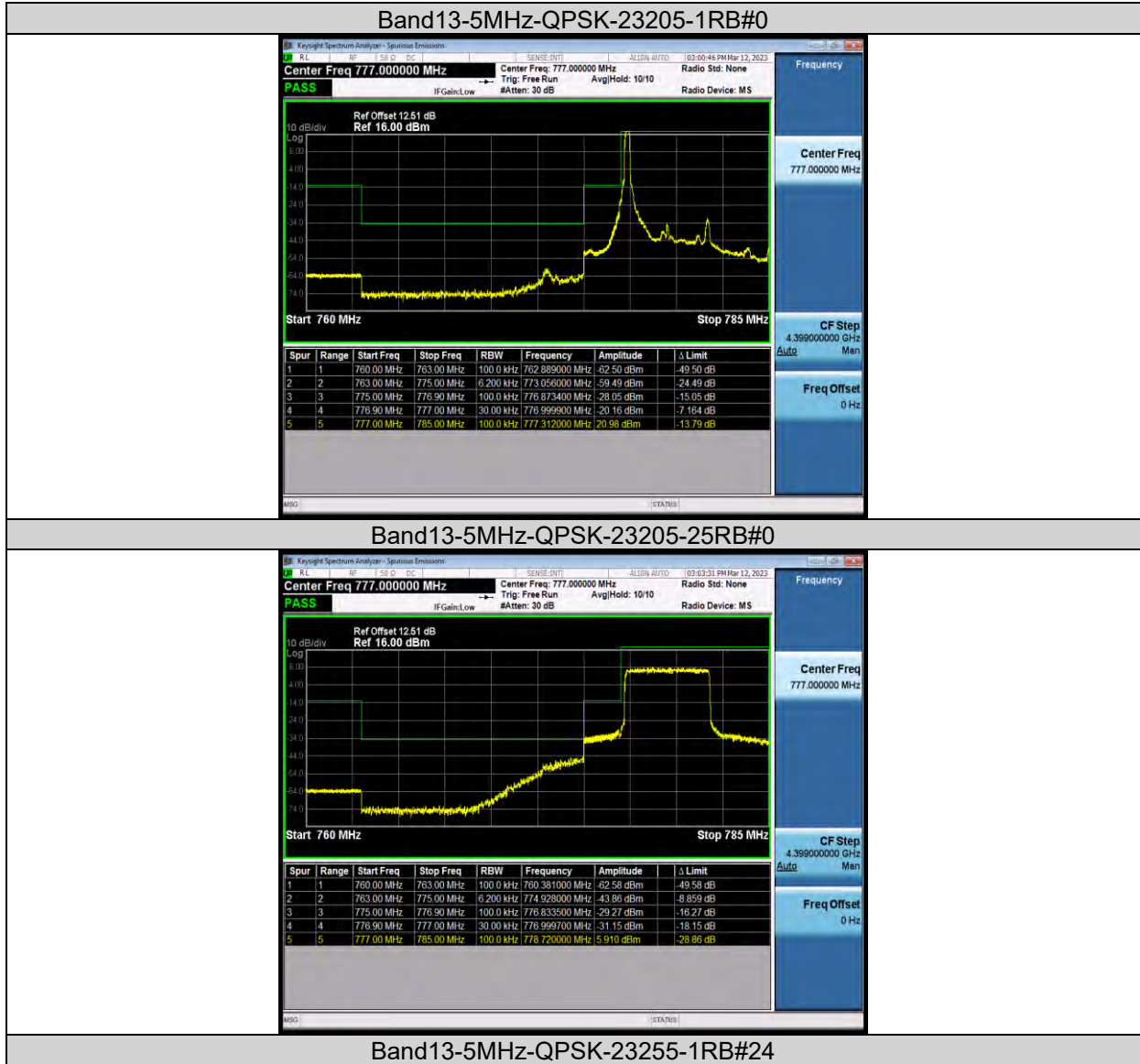
Test Report No.: W7L-P23030003RF06

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-62.50,-59.49,-28.05,-20.16	PASS
Band13	5MHz	QPSK	23205	25RB#0	-62.58,-43.86,-29.27,-31.15	PASS
Band13	5MHz	QPSK	23255	1RB#24	-20.61,-28.72,-63.46,-62.10	PASS
Band13	5MHz	QPSK	23255	25RB#0	-32.64,-31.75,-58.44,-61.99	PASS
Band13	5MHz	16QAM	23205	1RB#0	-62.24,-59.53,-27.62,-21.00	PASS
Band13	5MHz	16QAM	23205	25RB#0	-62.34,-47.60,-31.86,-32.94	PASS
Band13	5MHz	16QAM	23255	1RB#24	-20.74,-29.64,-69.25,-62.12	PASS
Band13	5MHz	16QAM	23255	25RB#0	-33.94,-34.52,-58.85,-62.31	PASS
Band13	5MHz	64QAM	23205	1RB#0	-62.67,-62.38,-28.41,-21.79	PASS
Band13	5MHz	64QAM	23205	25RB#0	-62.21,-49.94,-34.27,-34.35	PASS
Band13	5MHz	64QAM	23255	1RB#24	-22.69,-30.21,-69.65,-62.50	PASS
Band13	5MHz	64QAM	23255	25RB#0	-34.95,-35.61,-59.87,-62.35	PASS
Band13	10MHz	QPSK	23230	1RB#0	-62.28,-62.96,-32.00,-23.11	PASS
Band13	10MHz	QPSK	23230	1RB#49	-62.47,-60.86,-49.32,-52.21	PASS
Band13	10MHz	QPSK	23230	50RB#0	-62.18,-45.23,-32.05,-34.57	PASS
Band13	10MHz	16QAM	23230	1RB#0	-62.63,-62.46,-33.62,-23.19	PASS
Band13	10MHz	16QAM	23230	1RB#49	-62.46,-63.00,-48.81,-52.21	PASS
Band13	10MHz	16QAM	23230	50RB#0	-62.60,-49.12,-35.74,-34.79	PASS
Band13	10MHz	64QAM	23230	1RB#0	-62.62,-64.41,-33.74,-24.57	PASS
Band13	10MHz	64QAM	23230	1RB#49	-62.17,-59.86,-50.01,-52.90	PASS
Band13	10MHz	64QAM	23230	50RB#0	-62.55,-52.61,-39.09,-38.39	PASS

Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0

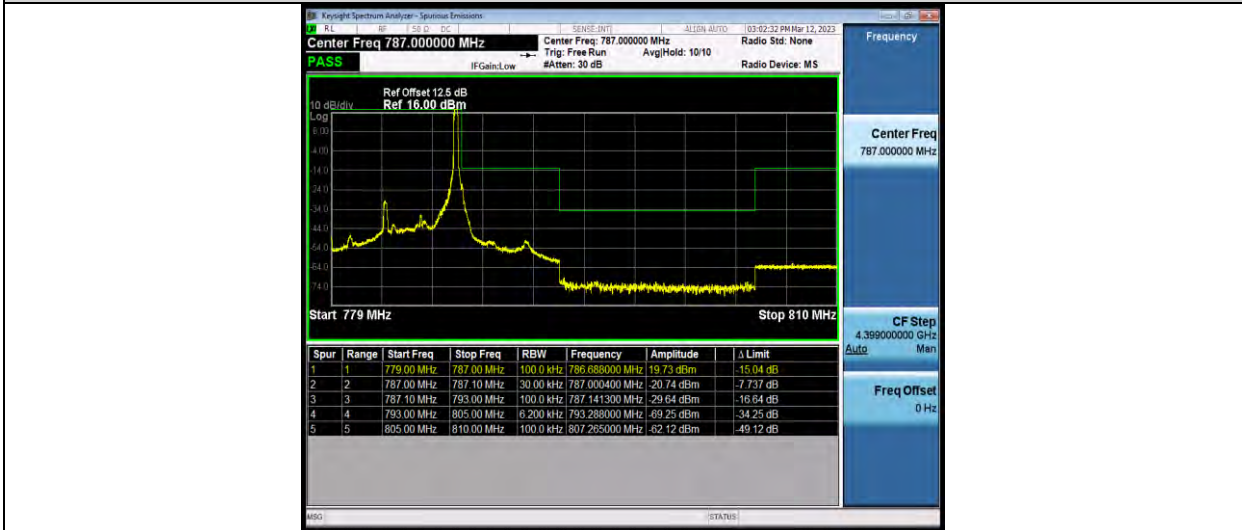


BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-5MHz-16QAM-23255-1RB#24



Band13-5MHz-16QAM-23255-25RB#0

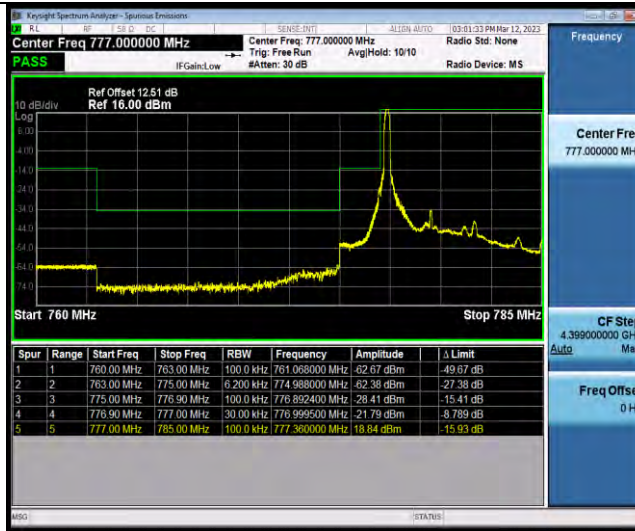


Band13-5MHz-64QAM-23205-1RB#0

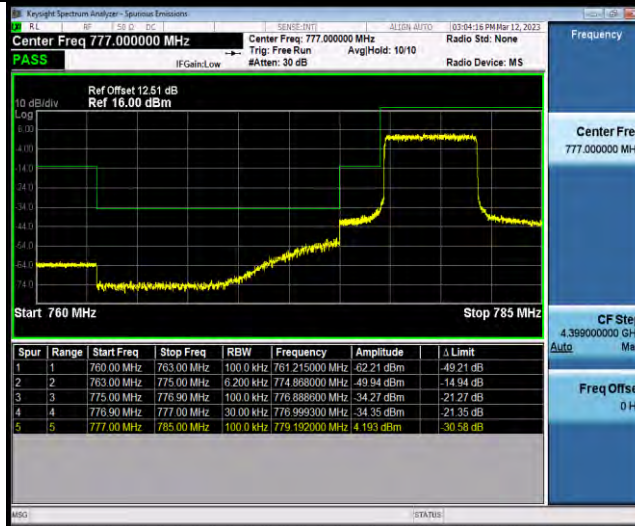


BUREAU VERITAS

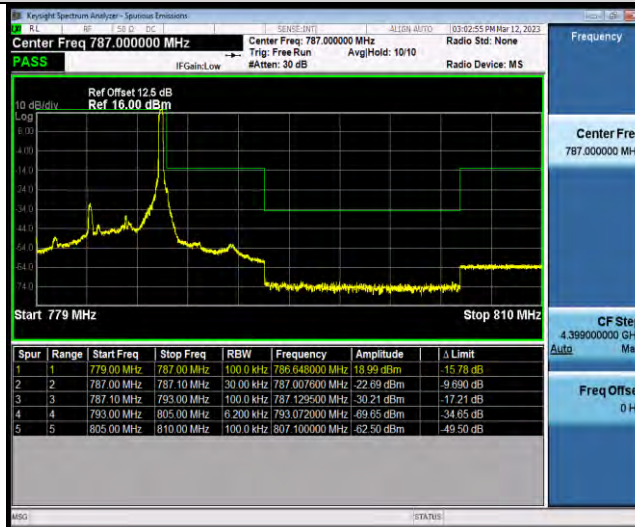
Test Report No.: W7L-P23030003RF06



Band13-5MHz-64QAM-23205-25RB#0



Band13-5MHz-64QAM-23255-1RB#24



Band13-5MHz-64QAM-23255-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-1RB#49



Band13-10MHz-QPSK-23230-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-1RB#49



Band13-10MHz-16QAM-23230-50RB#0

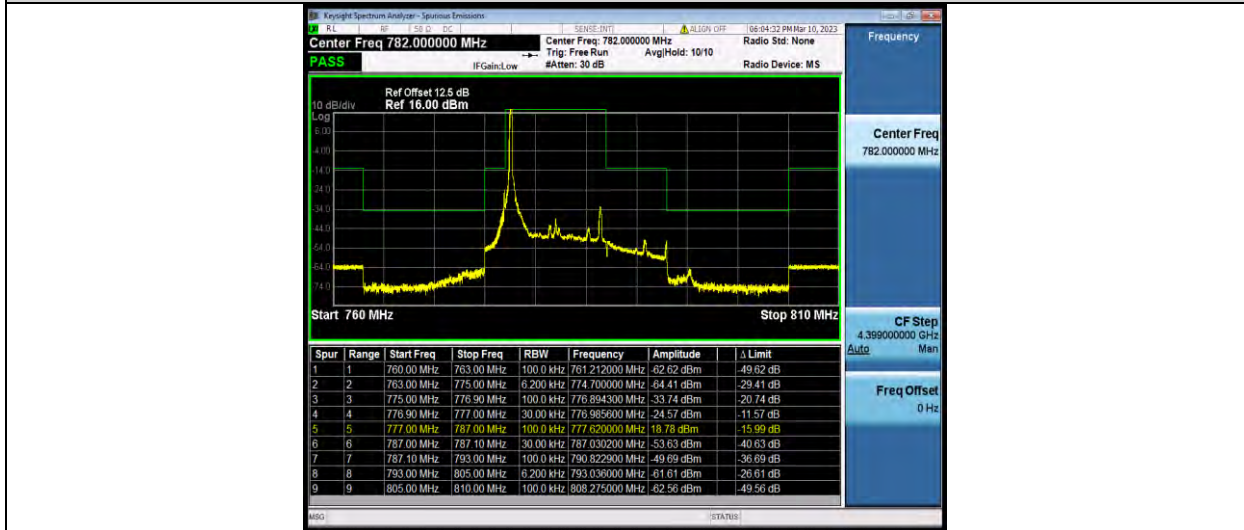


BUREAU VERITAS

Test Report No.: W7L-P23030003RF06



Band13-10MHz-64QAM-23230-1RB#0



Band13-10MHz-64QAM-23230-1RB#49



Band13-10MHz-64QAM-23230-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030003RF06

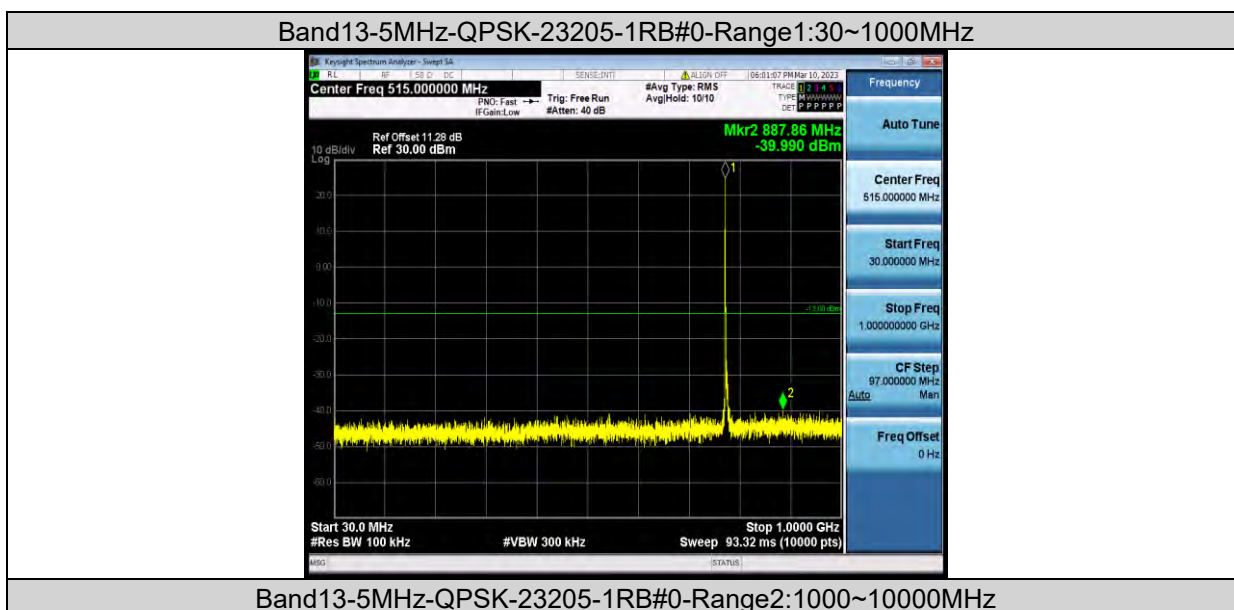


CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-39.99	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-34.49	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:1559~1610MHz	-59.09	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-38.87	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.3	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-44.97	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-39.32	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.41	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:1559~1610MHz	-45.78	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-39.9	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.73	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-58.99	PASS

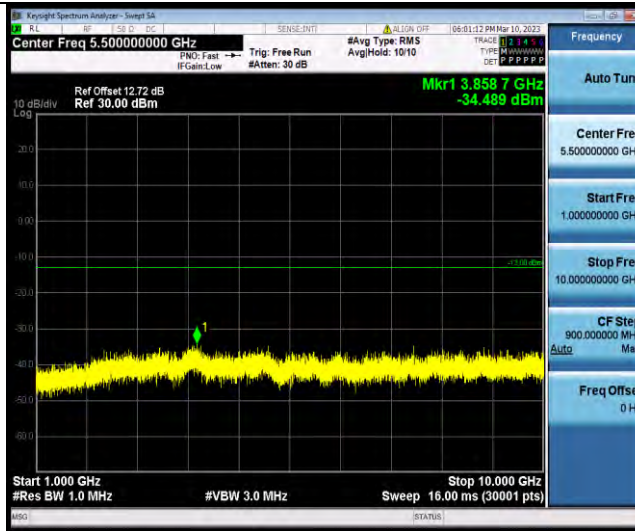
Test Graphs





BUREAU VERITAS

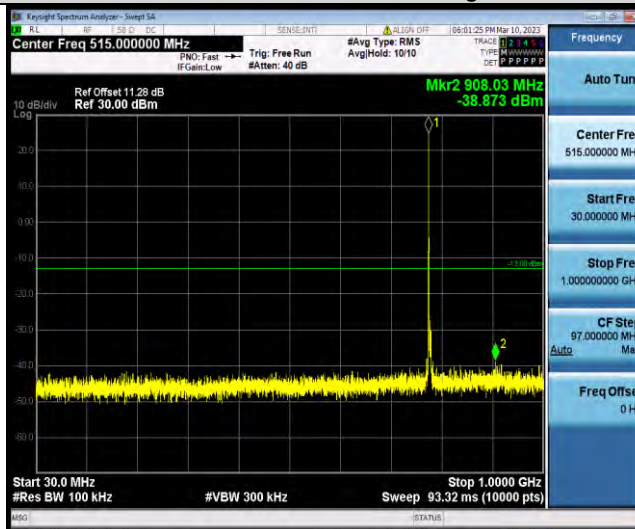
Test Report No.: W7L-P23030003RF06



Band13-5MHz-QPSK-23205-1RB#0-Range3:1559~1610MHz



Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz

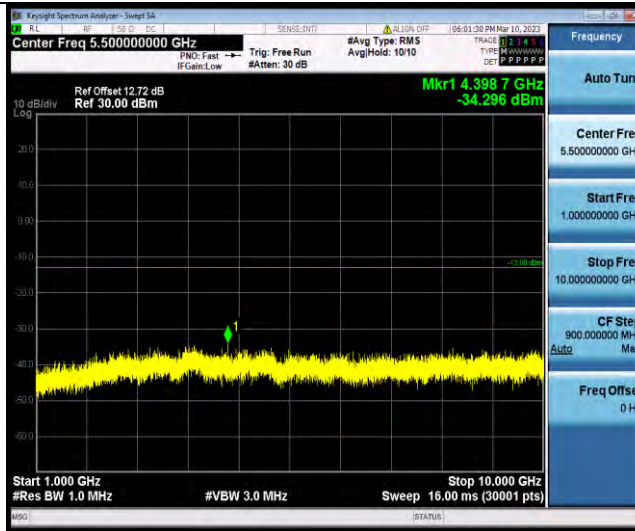


Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



BUREAU VERITAS

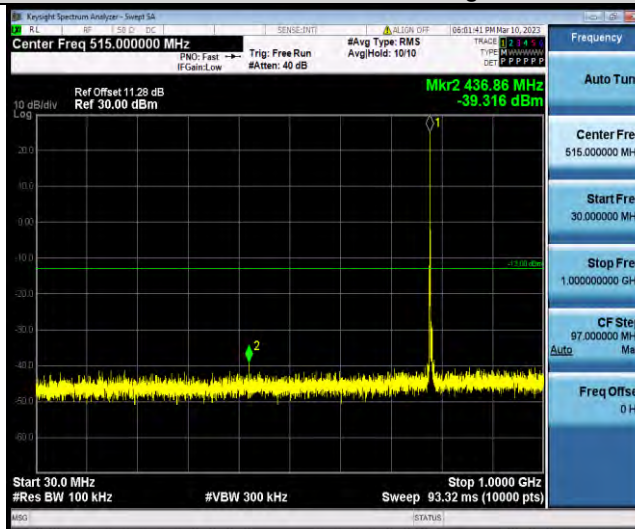
Test Report No.: W7L-P23030003RF06



Band13-5MHz-QPSK-23230-1RB#0-Range3:1559~1610MHz



Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz