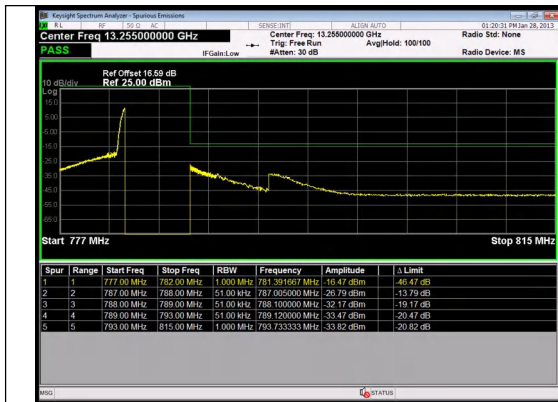




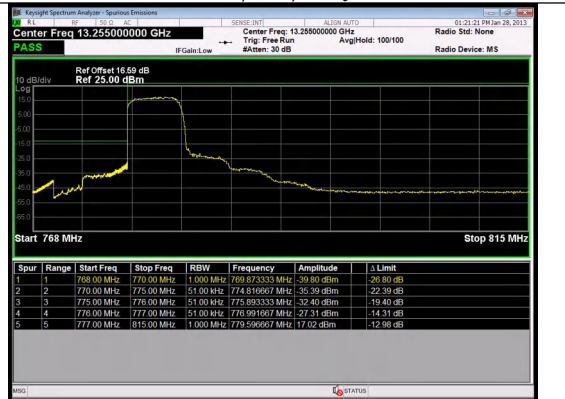
Band 13 5MHz/784.5/High 16QAM 25@0



Band 13 5MHz/779.5/Low QPSK 1@0



Band 13 5MHz/779.5/Low QPSK 1@24



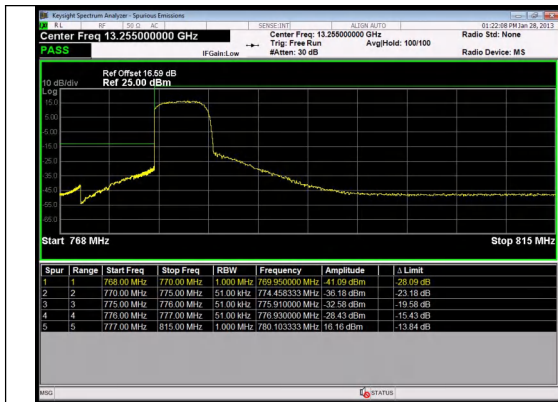
Band 13 5MHz/779.5/Low QPSK 25@0



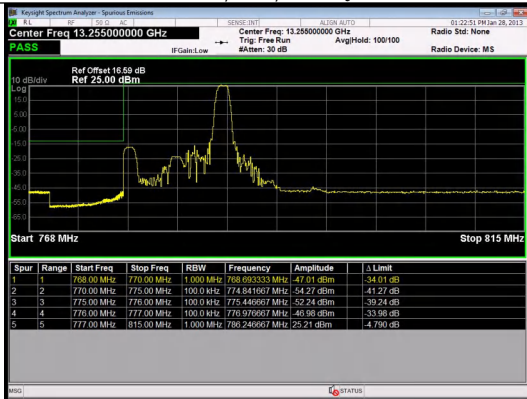
Band 13 5MHz/779.5/Low 16QAM 1@24



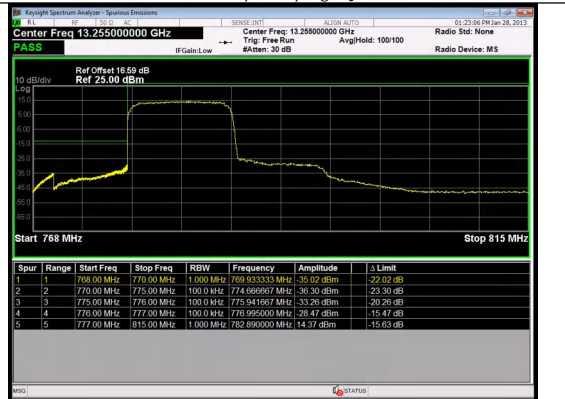
Band 13 5MHz/779.5/Low 16QAM 1@0



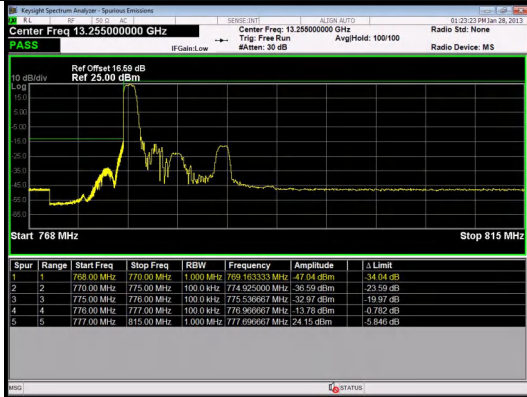
Band 13 5MHz/779.5/Low 16QAM 25@0



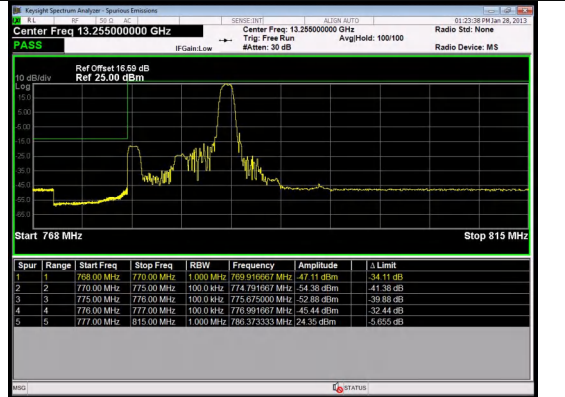
Band 13 10MHz/782.0/High QPSK 1@0



Band 13 10MHz/782.0/High QPSK 1@49

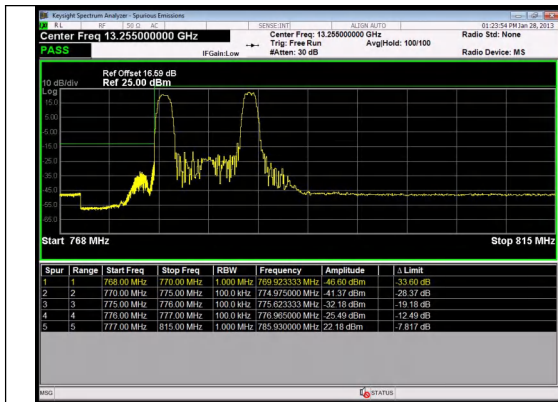


Band 13 10MHz/782.0/High QPSK 50@0



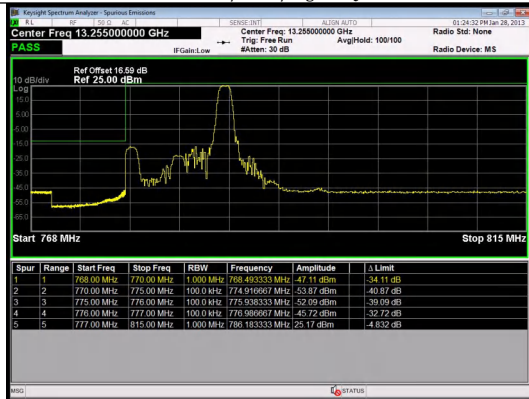
Band 13 10MHz/782.0/High 16QAM 1@0

Band 13 10MHz/782.0/High 16QAM 1@49



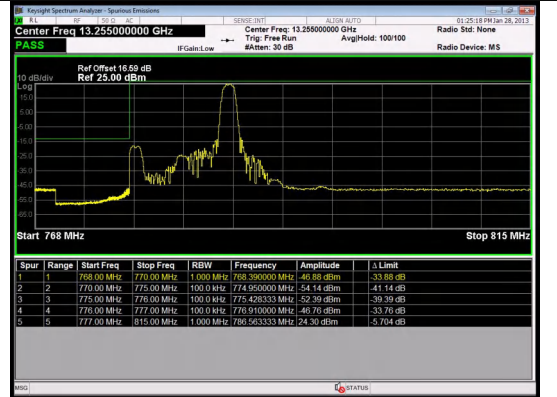
Band 13 10MHz/782.0/High 16QAM 50@0

Band 13 10MHz/782.0/Low QPSK 1@0



Band 13 10MHz/782.0/Low QPSK 1@49

Band 13 10MHz/782.0/Low QPSK 50@0

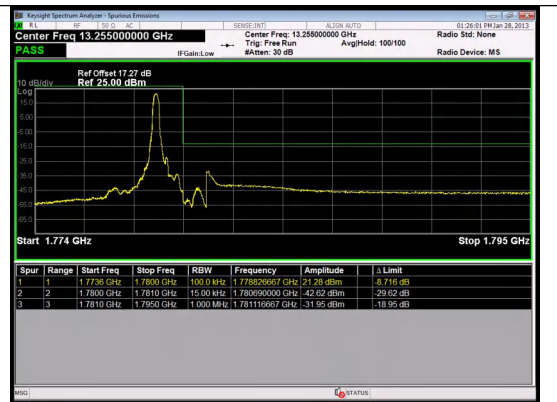


Band 13 10MHz/782.0/Low 16QAM 1@0

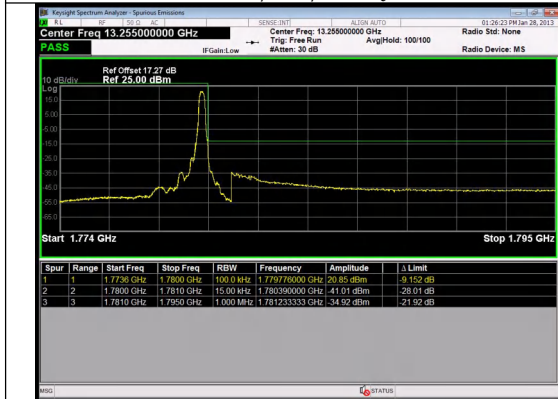
Band 13 10MHz/782.0/Low 16QAM 1@49



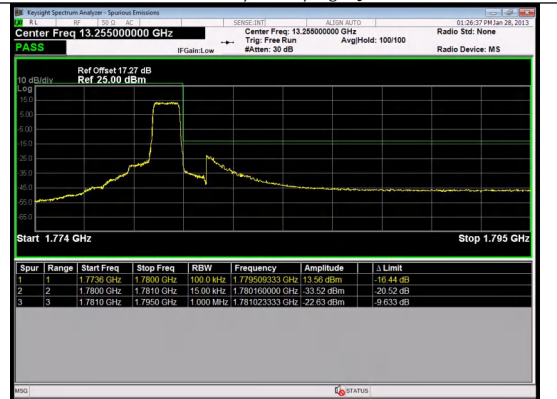
Band 13 10MHz/782.0/Low 16QAM 50@



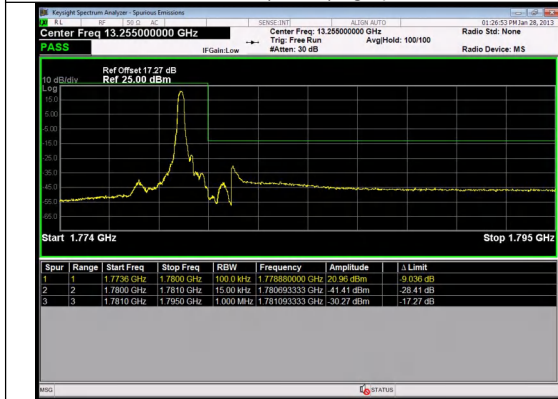
Band 66 1.4MHz/1779.3/High QPSK 1@0



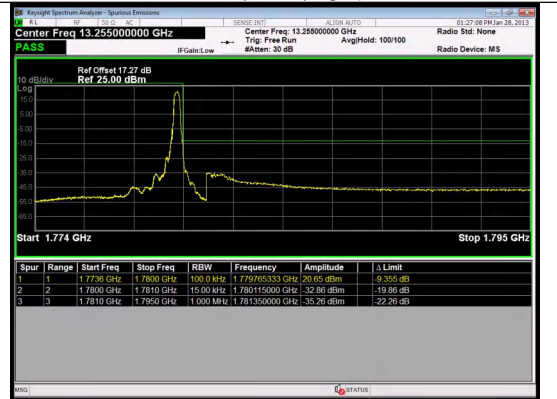
Band 66 1.4MHz/1779.3/High QPSK 1@5



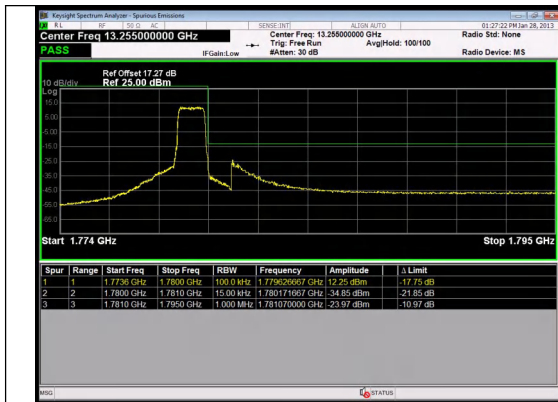
Band 66 1.4MHz/1779.3/High QPSK 6@0



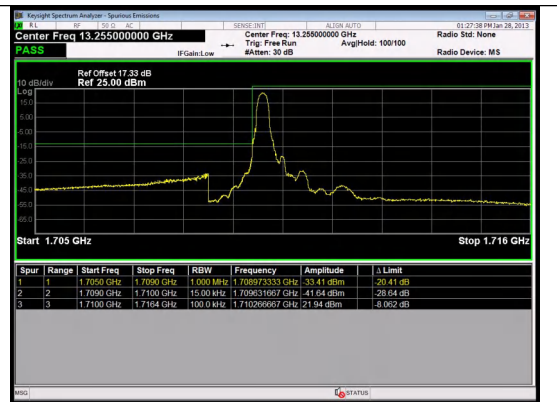
Band 66 1.4MHz/1779.3/High 16QAM 1@0



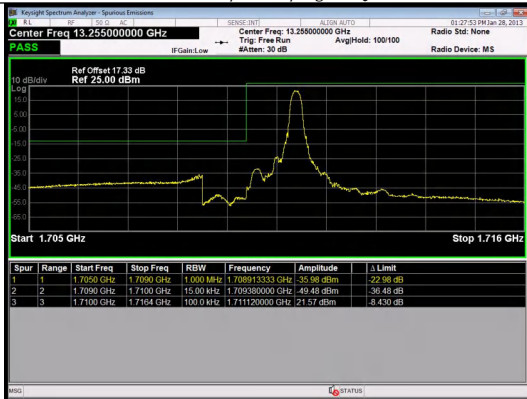
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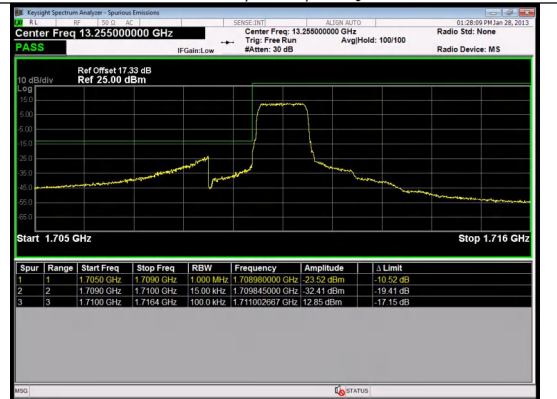
Band 66 1.4MHz/1779.3/High 16QAM 6@0



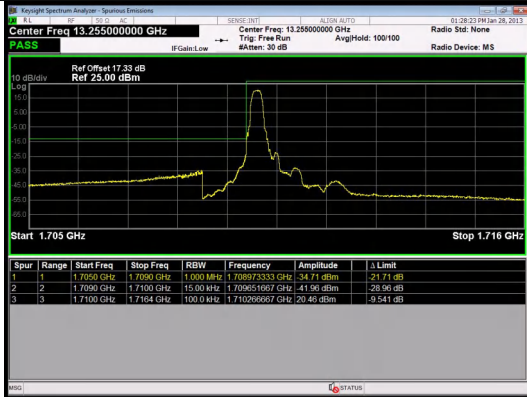
Band 66 1.4MHz/1710.7/Low QPSK 1@0



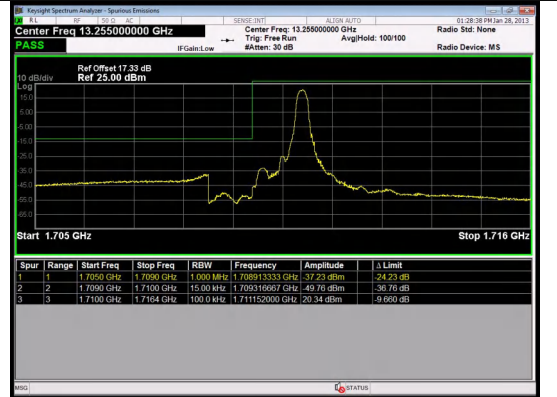
Band 66 1.4MHz/1710.7/Low QPSK 1@5



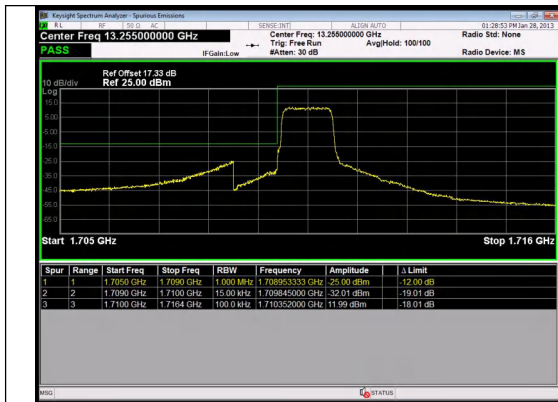
Band 66 1.4MHz/1710.7/Low QPSK 6@0



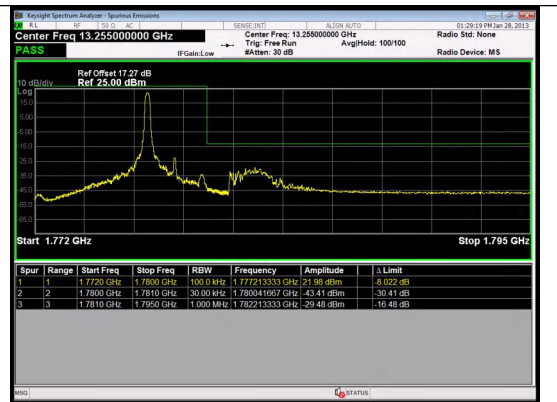
Band 66 1.4MHz/1710.7/Low 16QAM 1@0



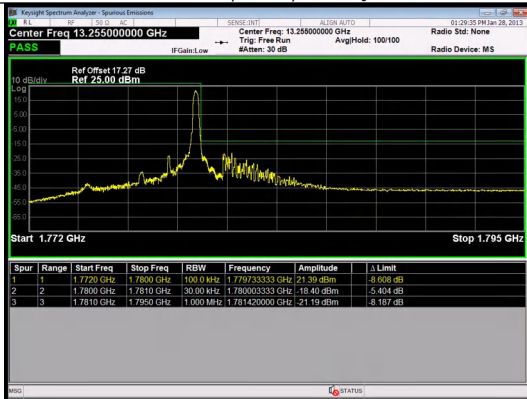
Band 66 1.4MHz/1710.7/Low 16QAM 1@5



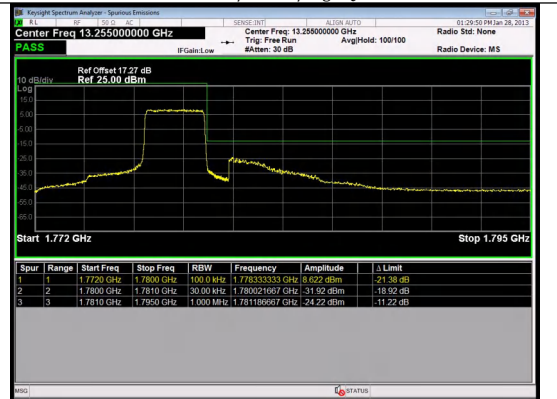
Band 66 1.4MHz/1710.7/Low 16QAM 6@0



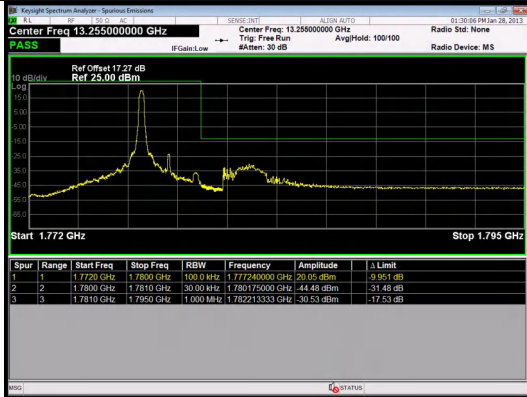
Band 66 3MHz/1778.5/High QPSK 1@0



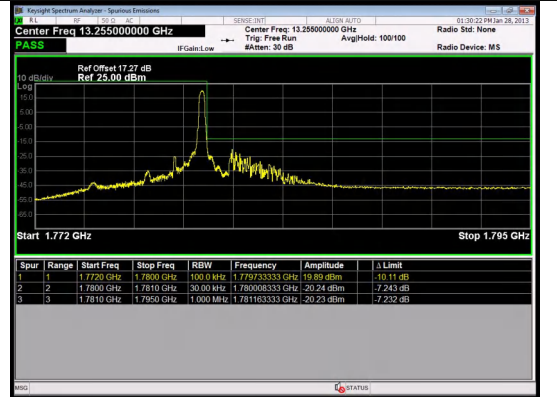
Band 66 3MHz/1778.5/High QPSK 1@14



Band 66 3MHz/1778.5/High QPSK 15@0



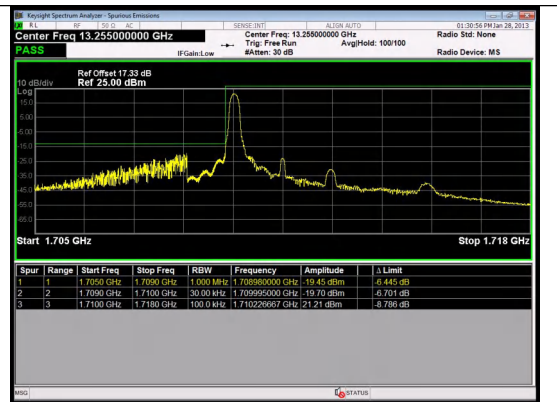
Band 66 3MHz/1778.5/High 16QAM 1@0



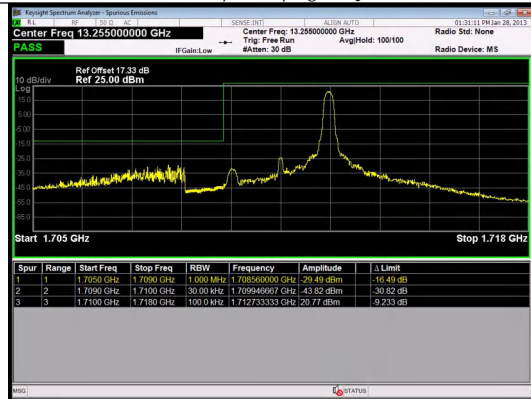
Band 66 3MHz/1778.5/High 16QAM 1@14



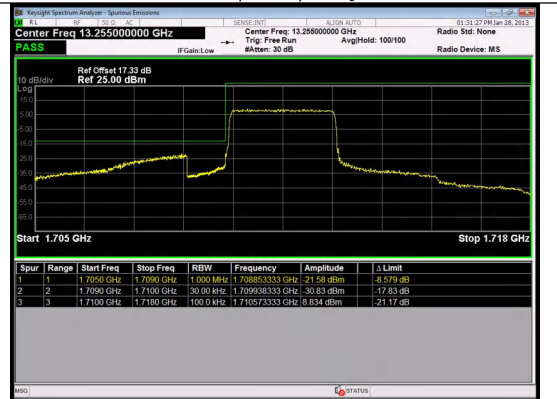
Band 66 3MHz/1778.5/High 16QAM 15@0



Band 66 3MHz/1711.5/Low QPSK 1@0



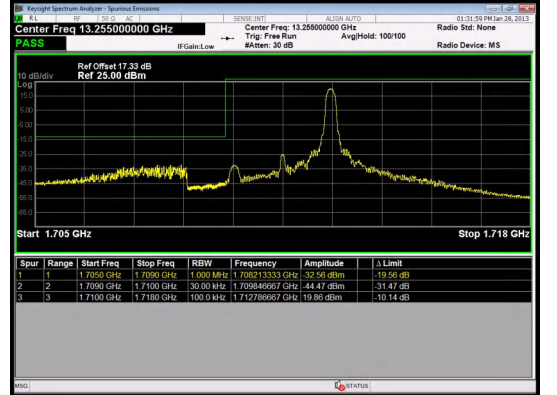
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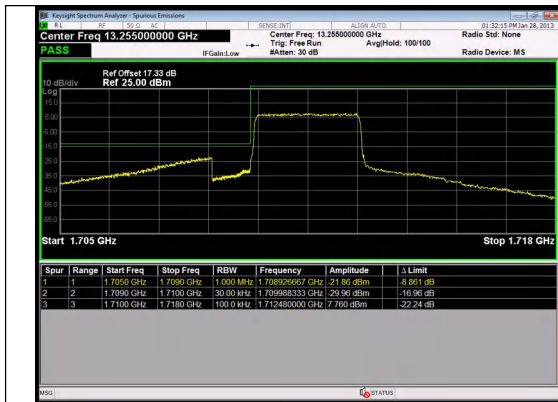
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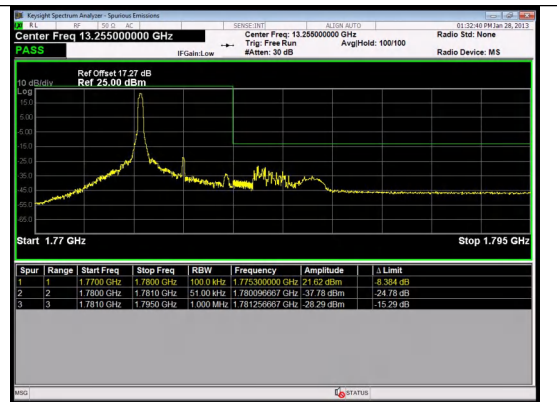
Band 66 3MHz/1711.5/Low 16QAM 1@0



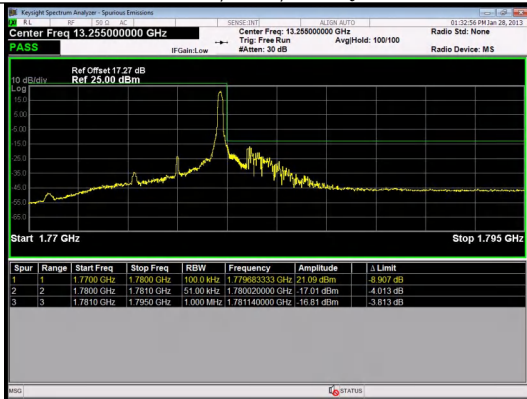
Band 66 3MHz/1711.5/Low 16QAM 1@14



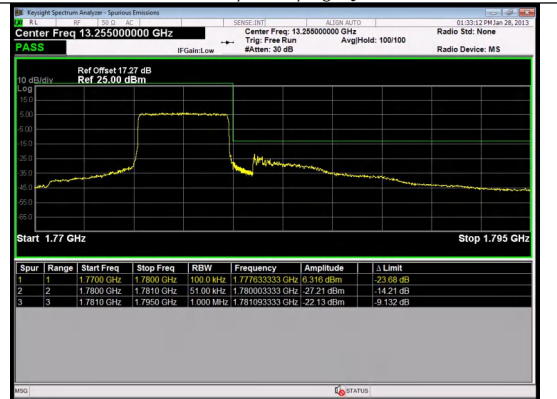
Band 66 3MHz/1711.5/Low 16QAM 15@0



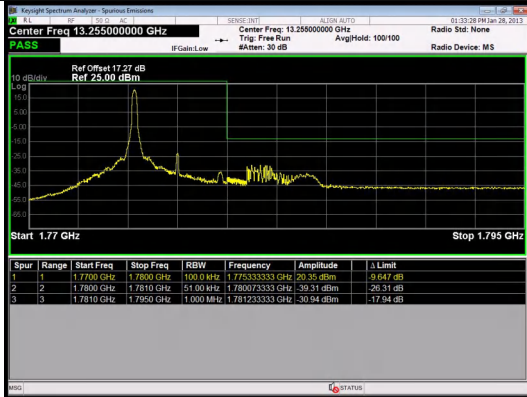
Band 66 5MHz/1777.5/High QPSK 1@0



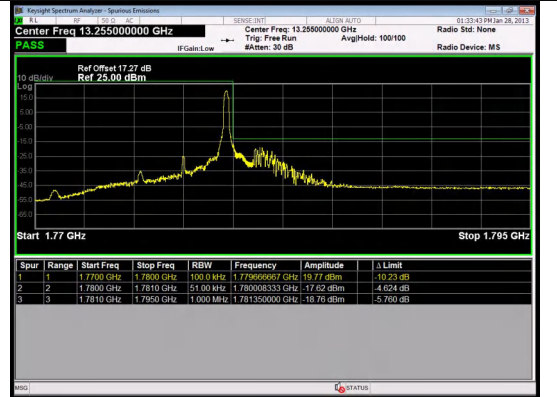
Band 66 5MHz/1777.5/High QPSK 1@24



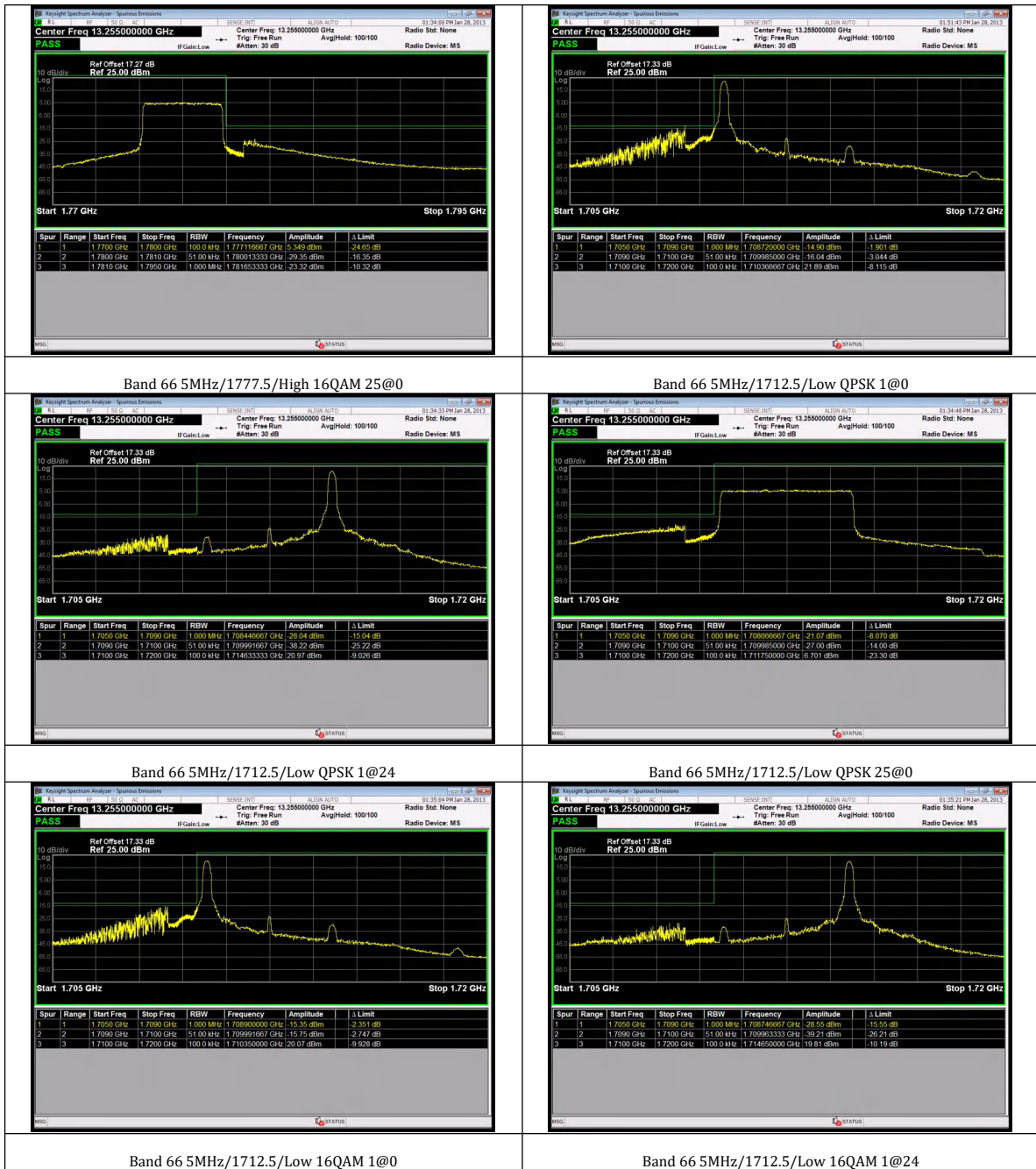
Band 66 5MHz/1777.5/High QPSK 25@0

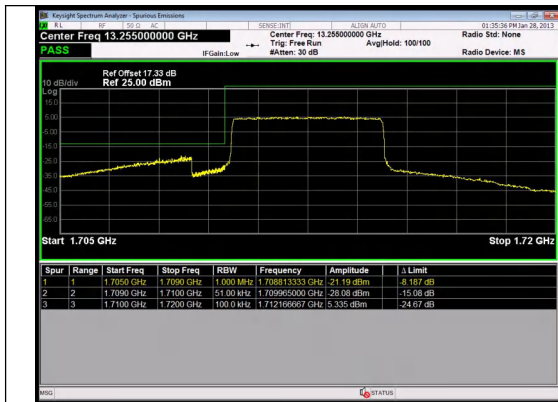


Band 66 5MHz/1777.5/High 16QAM 1@0

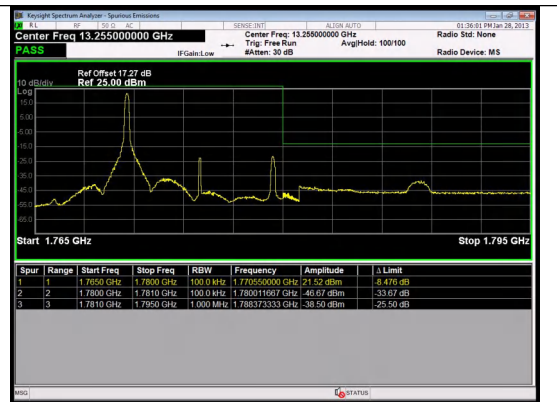


Band 66 5MHz/1777.5/High 16QAM 1@24

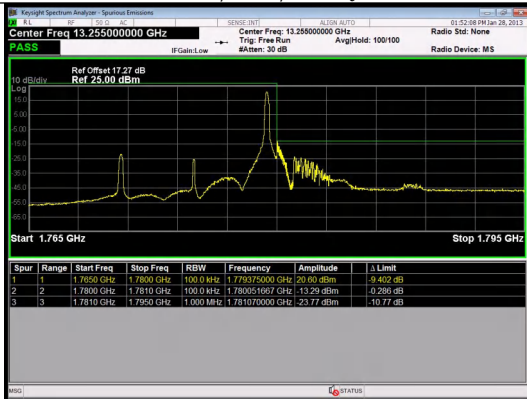




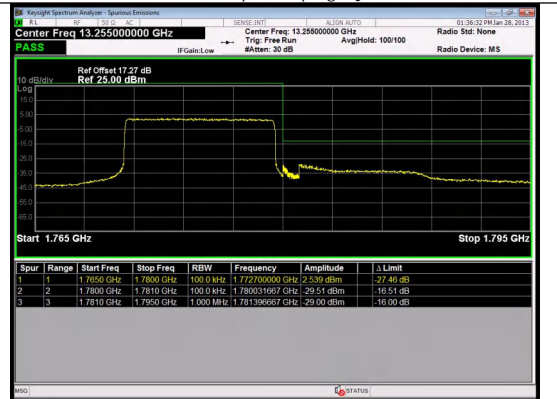
Band 66 5MHz/1712.5/Low 16QAM 25@0



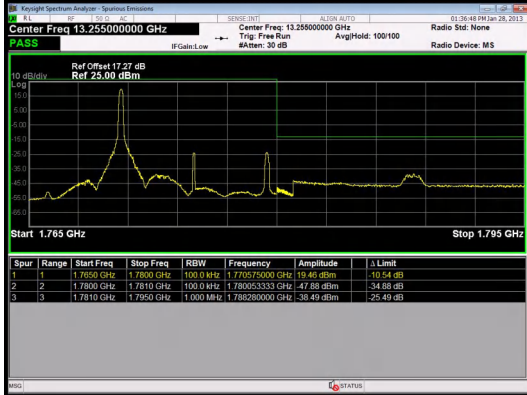
Band 66 10MHz/1775.0/High QPSK 1@0



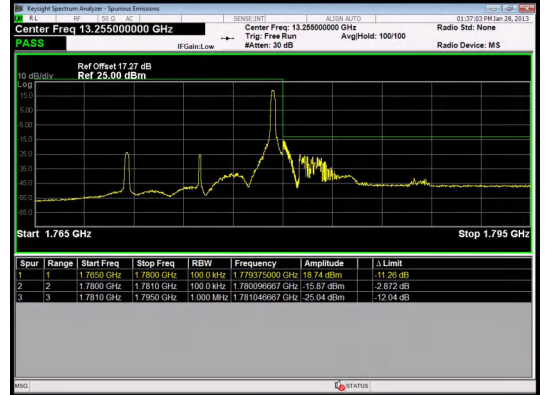
Band 66 10MHz/1775.0/High QPSK 1@49



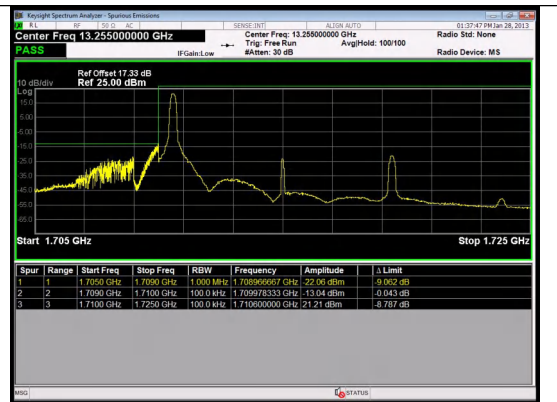
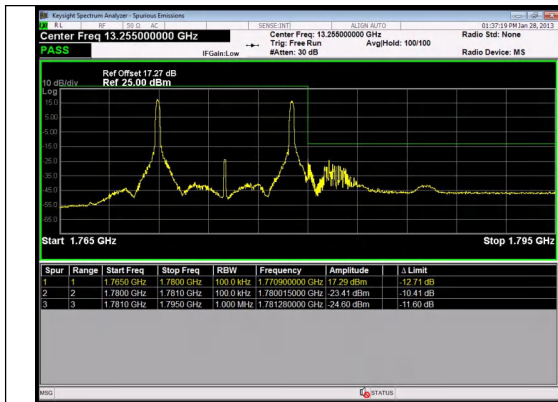
Band 66 10MHz/1775.0/High QPSK 50@0



Band 66 10MHz/1775.0/High 16QAM 1@0

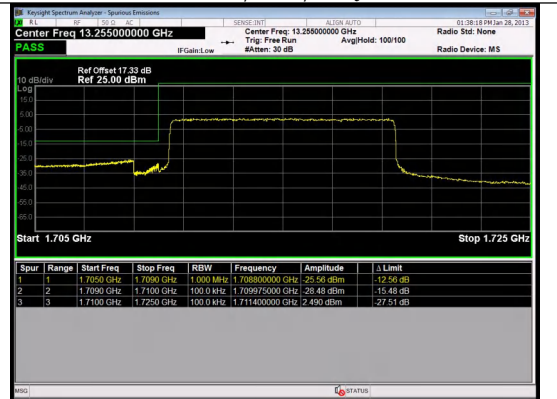
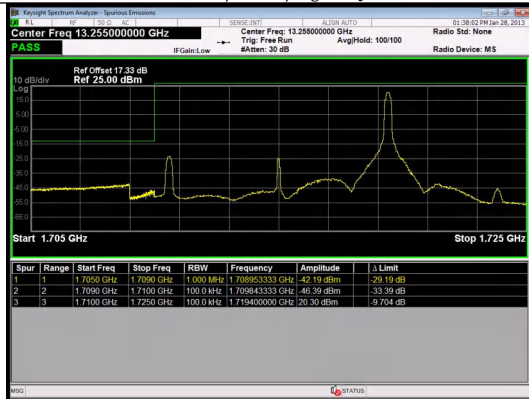


Band 66 10MHz/1775.0/High 16QAM 1@49



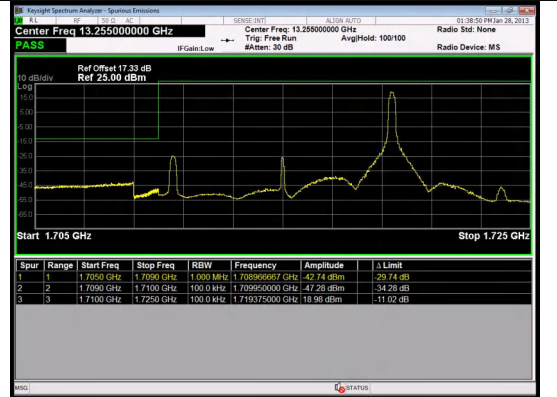
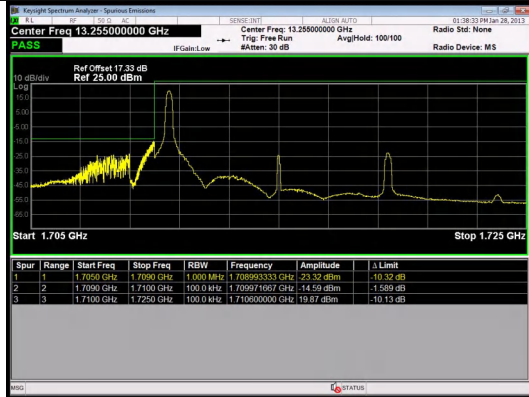
Band 66 10MHz/1775.0/High 16QAM 50@0

Band 66 10MHz/1715.0/Low QPSK 1@0



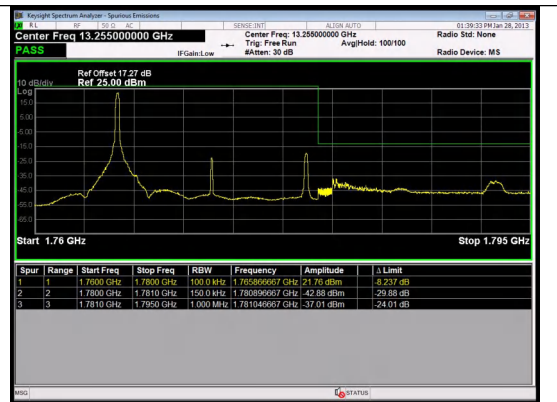
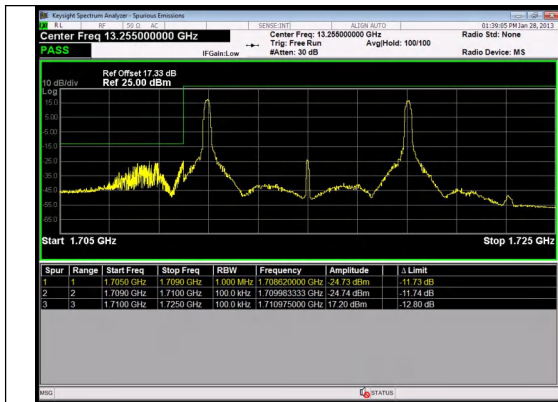
Band 66 10MHz/1715.0/Low QPSK 1@49

Band 66 10MHz/1715.0/Low QPSK 50@0



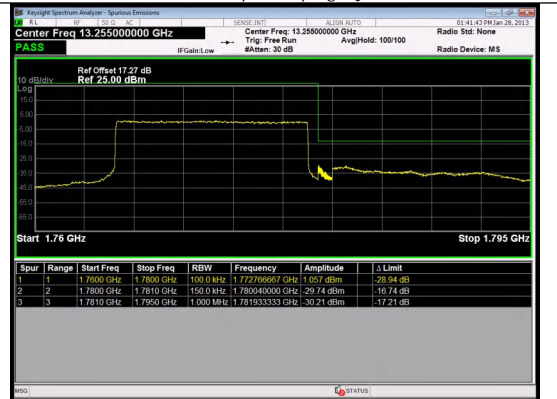
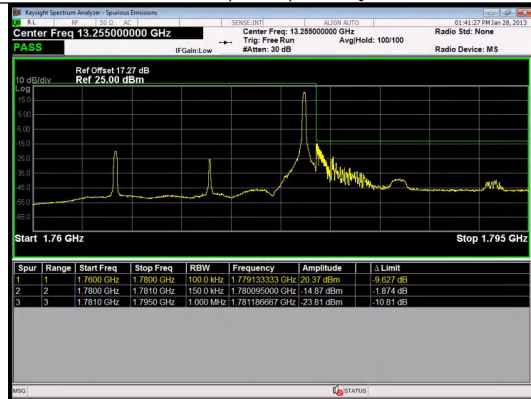
Band 66 10MHz/1715.0/Low 16QAM 1@0

Band 66 10MHz/1715.0/Low 16QAM 1@49



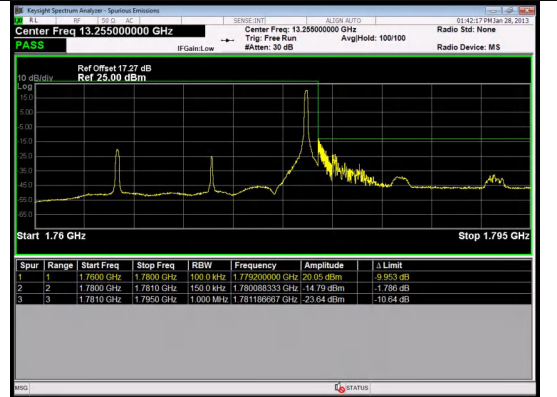
Band 66 10MHz/1715.0/Low 16QAM 50@0

Band 66 15MHz/1772.5/High QPSK 1@0



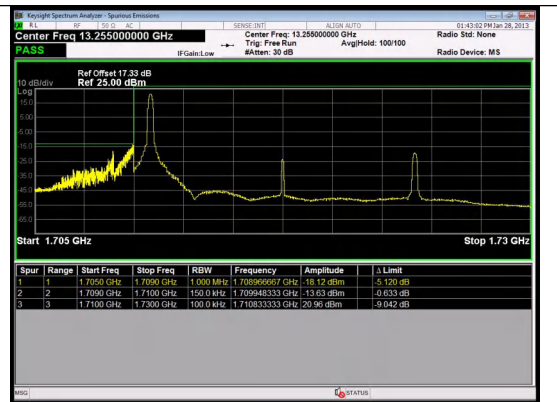
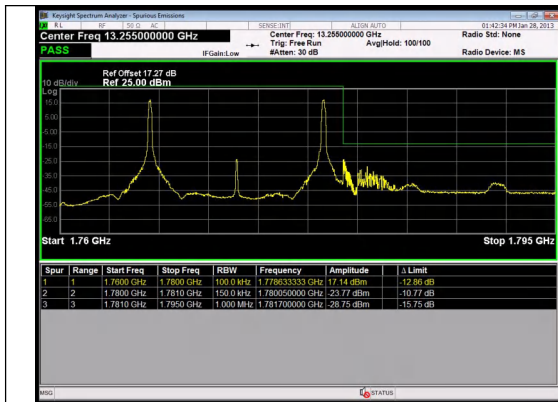
Band 66 15MHz/1772.5/High QPSK 1@74

Band 66 15MHz/1772.5/High QPSK 75@0



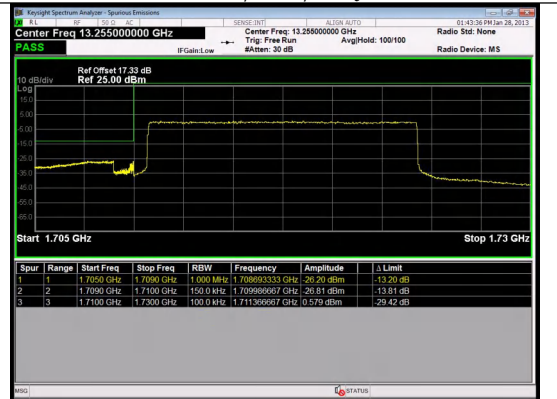
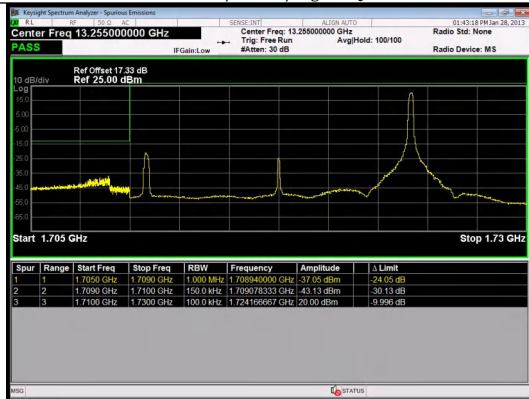
Band 66 15MHz/1772.5/High 16QAM 1@0

Band 66 15MHz/1772.5/High 16QAM 1@74



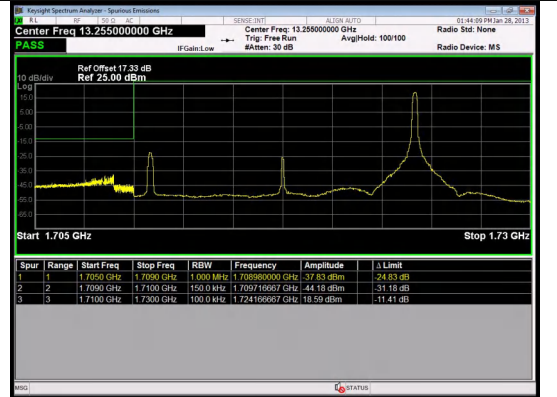
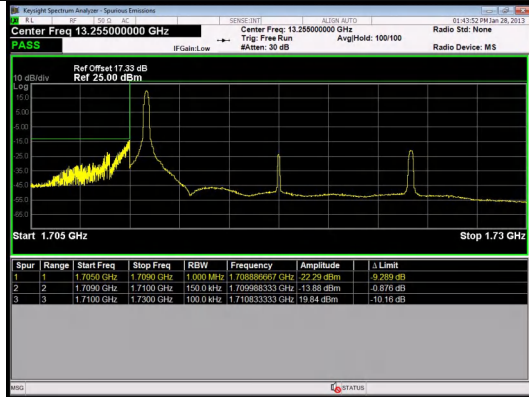
Band 66 15MHz/1772.5/High 16QAM 75@0

Band 66 15MHz/1717.5/Low QPSK 1@0



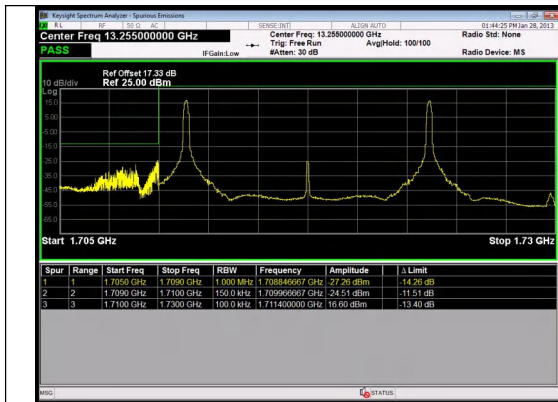
Band 66 15MHz/1717.5/Low QPSK 1@74

Band 66 15MHz/1717.5/Low QPSK 75@0

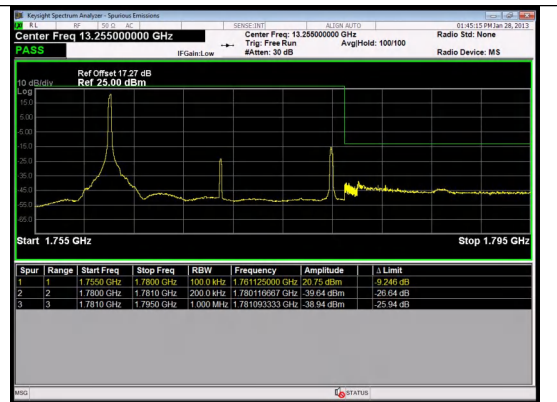


Band 66 15MHz/1717.5/Low 16QAM 1@0

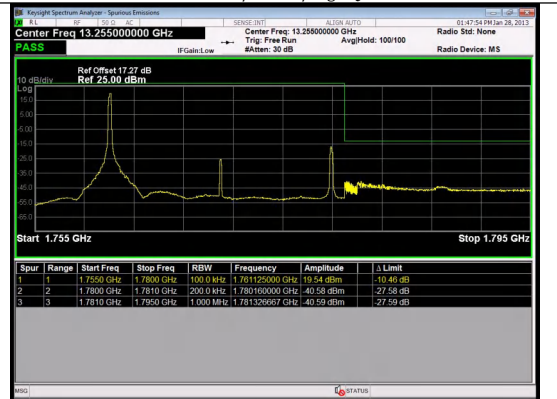
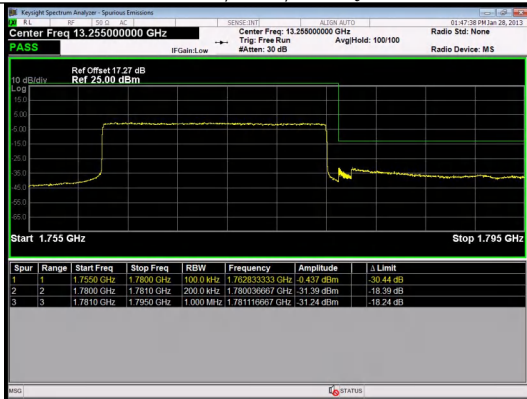
Band 66 15MHz/1717.5/Low 16QAM 1@74



Band 66 15MHz/1717.5/Low 16QAM 75@0

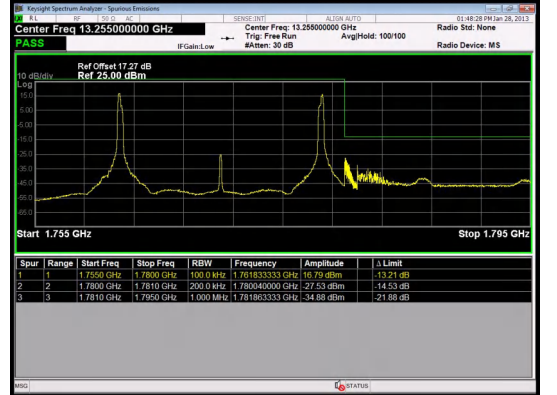
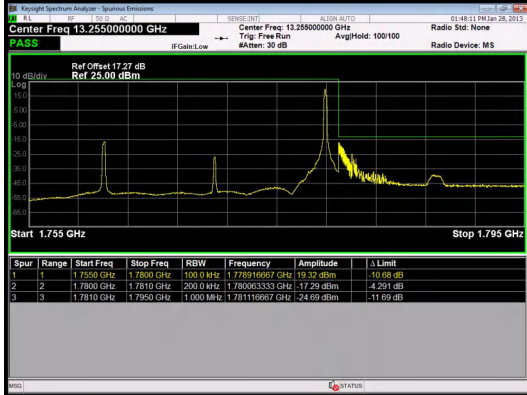


Band 66 20MHz/1770.0/High QPSK 1@0



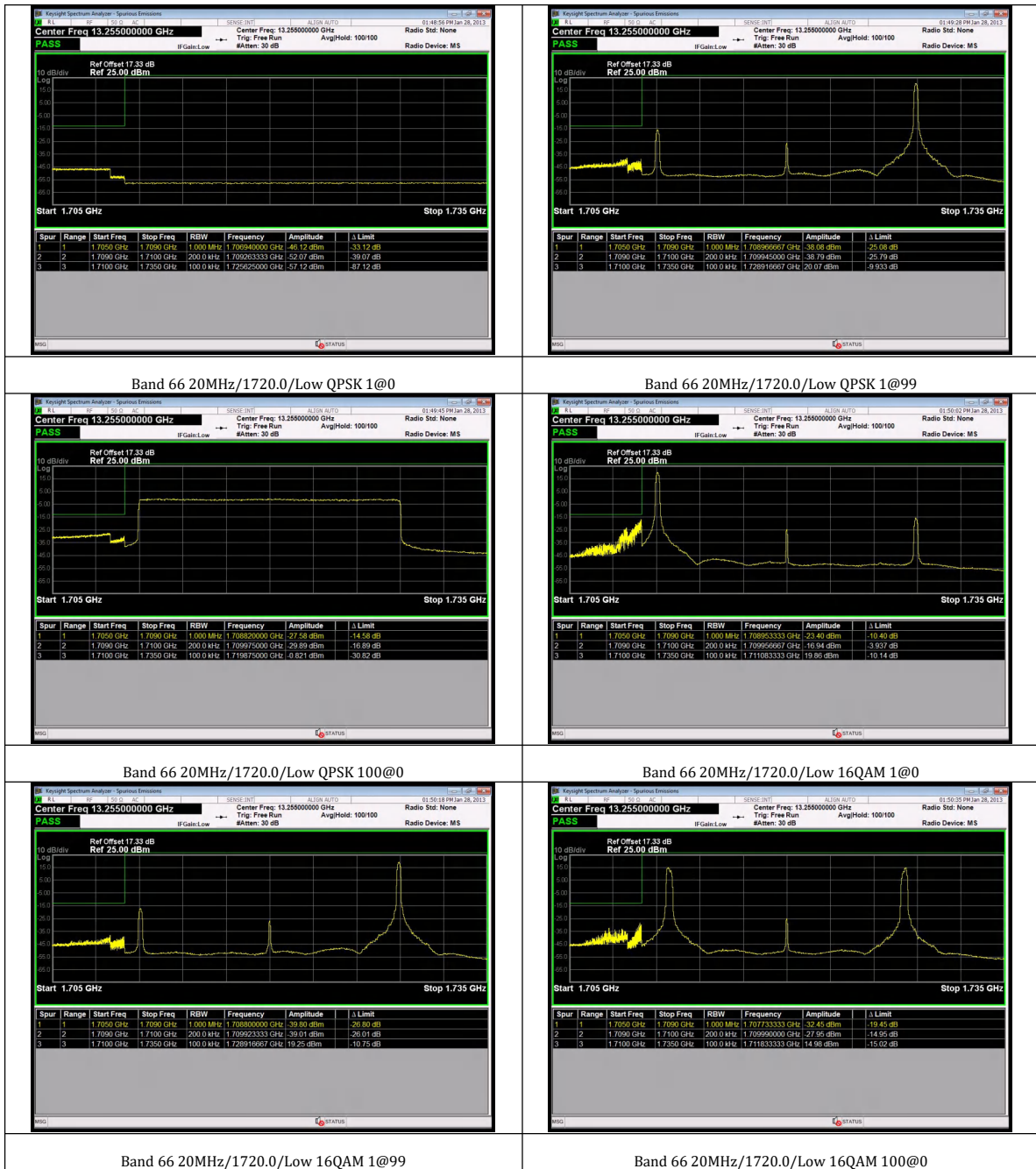
Band 66 20MHz/1770.0/High QPSK 100@0

Band 66 20MHz/1770.0/High 16QAM 1@0



Band 66 20MHz/1770.0/High 16QAM 1@99

Band 66 20MHz/1770.0/High 16QAM 100@0



Frequency Stability

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	19193	1909.3	QPSK	6@0	-2.09	-0.00109	±2.5	PASS	VL
2	1.4	19193	1909.3	QPSK	6@0	0.32	0.00017	±2.5	PASS	VN
2	1.4	19193	1909.3	QPSK	6@0	1.96	0.00103	±2.5	PASS	VH
2	1.4	19193	1909.3	QPSK	6@0	1.65	0.00086	±2.5	PASS	-30°C
2	1.4	19193	1909.3	QPSK	6@0	-0.33	-0.00017	±2.5	PASS	-20°C
2	1.4	19193	1909.3	QPSK	6@0	-5.74	-0.003	±2.5	PASS	-10°C
2	1.4	19193	1909.3	QPSK	6@0	0.3	0.00016	±2.5	PASS	0°C
2	1.4	19193	1909.3	QPSK	6@0	1.07	0.00056	±2.5	PASS	10°C
2	1.4	19193	1909.3	QPSK	6@0	4.66	0.00244	±2.5	PASS	20°C

2	1.4	19193	1909.3	QPSK	6@0	-2.07	-0.00109	±2.5	PASS	30°C
2	1.4	19193	1909.3	QPSK	6@0	6.37	0.00333	±2.5	PASS	40°C
2	1.4	19193	1909.3	QPSK	6@0	0.32	0.00017	±2.5	PASS	50°C
2	1.4	18900	1880.0	QPSK	6@0	0.36	0.00019	±2.5	PASS	VL
2	1.4	18900	1880.0	QPSK	6@0	-3.71	-0.00197	±2.5	PASS	VN
2	1.4	18900	1880.0	QPSK	6@0	-3.45	-0.00183	±2.5	PASS	VH
2	1.4	18900	1880.0	QPSK	6@0	3.75	0.00199	±2.5	PASS	-30°C
2	1.4	18900	1880.0	QPSK	6@0	5.11	0.00272	±2.5	PASS	-20°C
2	1.4	18900	1880.0	QPSK	6@0	0.32	0.00017	±2.5	PASS	-10°C
2	1.4	18900	1880.0	QPSK	6@0	-2.88	-0.00153	±2.5	PASS	0°C
2	1.4	18900	1880.0	QPSK	6@0	3.0	0.0016	±2.5	PASS	10°C
2	1.4	18900	1880.0	QPSK	6@0	-4.05	-0.00215	±2.5	PASS	20°C
2	1.4	18900	1880.0	QPSK	6@0	-1.53	-0.00081	±2.5	PASS	30°C
2	1.4	18900	1880.0	QPSK	6@0	0.7	0.00037	±2.5	PASS	40°C
2	1.4	18900	1880.0	QPSK	6@0	0.32	0.00017	±2.5	PASS	50°C
2	1.4	18607	1850.7	QPSK	6@0	-0.51	-0.00028	±2.5	PASS	VL
2	1.4	18607	1850.7	QPSK	6@0	2.39	0.00129	±2.5	PASS	VN
2	1.4	18607	1850.7	QPSK	6@0	0.5	0.00027	±2.5	PASS	VH
2	1.4	18607	1850.7	QPSK	6@0	0.32	0.00017	±2.5	PASS	-30°C
2	1.4	18607	1850.7	QPSK	6@0	-1.93	-0.00104	±2.5	PASS	-20°C
2	1.4	18607	1850.7	QPSK	6@0	-2.56	-0.00138	±2.5	PASS	-10°C
2	1.4	18607	1850.7	QPSK	6@0	-2.92	-0.00158	±2.5	PASS	0°C
2	1.4	18607	1850.7	QPSK	6@0	2.4	0.0013	±2.5	PASS	10°C
2	1.4	18607	1850.7	QPSK	6@0	0.32	0.00017	±2.5	PASS	20°C
2	1.4	18607	1850.7	QPSK	6@0	-1.04	-0.00056	±2.5	PASS	30°C
2	1.4	18607	1850.7	QPSK	6@0	-2.66	-0.00144	±2.5	PASS	40°C
2	1.4	18607	1850.7	QPSK	6@0	-1.75	-0.00094	±2.5	PASS	50°C
2	3.0	19185	1908.5	QPSK	15@0	2.57	0.00135	±2.5	PASS	VL
2	3.0	19185	1908.5	QPSK	15@0	3.53	0.00185	±2.5	PASS	VN
2	3.0	19185	1908.5	QPSK	15@0	1.26	0.00066	±2.5	PASS	VH
2	3.0	19185	1908.5	QPSK	15@0	0.26	0.00013	±2.5	PASS	-30°C
2	3.0	19185	1908.5	QPSK	15@0	-2.96	-0.00155	±2.5	PASS	-20°C
2	3.0	19185	1908.5	QPSK	15@0	-1.32	-0.00069	±2.5	PASS	-10°C
2	3.0	19185	1908.5	QPSK	15@0	2.09	0.00109	±2.5	PASS	0°C
2	3.0	19185	1908.5	QPSK	15@0	2.05	0.00107	±2.5	PASS	10°C
2	3.0	19185	1908.5	QPSK	15@0	3.3	0.00173	±2.5	PASS	20°C
2	3.0	19185	1908.5	QPSK	15@0	0.46	0.00024	±2.5	PASS	30°C
2	3.0	19185	1908.5	QPSK	15@0	-2.06	-0.00108	±2.5	PASS	40°C
2	3.0	19185	1908.5	QPSK	15@0	0.37	0.00019	±2.5	PASS	50°C
2	3.0	18900	1880.0	QPSK	15@0	-0.99	-0.00053	±2.5	PASS	VL
2	3.0	18900	1880.0	QPSK	15@0	0.96	0.00051	±2.5	PASS	VN
2	3.0	18900	1880.0	QPSK	15@0	0.34	0.00018	±2.5	PASS	VH
2	3.0	18900	1880.0	QPSK	15@0	0.53	0.00028	±2.5	PASS	-30°C
2	3.0	18900	1880.0	QPSK	15@0	2.49	0.00132	±2.5	PASS	-20°C
2	3.0	18900	1880.0	QPSK	15@0	5.71	0.00304	±2.5	PASS	-10°C
2	3.0	18900	1880.0	QPSK	15@0	1.93	0.00103	±2.5	PASS	0°C
2	3.0	18900	1880.0	QPSK	15@0	-0.99	-0.00053	±2.5	PASS	10°C
2	3.0	18900	1880.0	QPSK	15@0	0.32	0.00017	±2.5	PASS	20°C
2	3.0	18900	1880.0	QPSK	15@0	-0.99	-0.00053	±2.5	PASS	30°C
2	3.0	18900	1880.0	QPSK	15@0	-0.69	-0.00037	±2.5	PASS	40°C
2	3.0	18900	1880.0	QPSK	15@0	-3.23	-0.00172	±2.5	PASS	50°C
2	3.0	18615	1851.5	QPSK	15@0	-0.72	-0.00039	±2.5	PASS	VL
2	3.0	18615	1851.5	QPSK	15@0	3.23	0.00175	±2.5	PASS	VN
2	3.0	18615	1851.5	QPSK	15@0	1.89	0.00102	±2.5	PASS	VH
2	3.0	18615	1851.5	QPSK	15@0	-0.79	-0.00042	±2.5	PASS	-30°C
2	3.0	18615	1851.5	QPSK	15@0	4.51	0.00243	±2.5	PASS	-20°C
2	3.0	18615	1851.5	QPSK	15@0	-0.33	-0.00018	±2.5	PASS	-10°C
2	3.0	18615	1851.5	QPSK	15@0	5.09	0.00275	±2.5	PASS	0°C
2	3.0	18615	1851.5	QPSK	15@0	0.32	0.00017	±2.5	PASS	10°C
2	3.0	18615	1851.5	QPSK	15@0	1.89	0.00102	±2.5	PASS	20°C
2	3.0	18615	1851.5	QPSK	15@0	-2.37	-0.00128	±2.5	PASS	30°C
2	3.0	18615	1851.5	QPSK	15@0	4.35	0.00235	±2.5	PASS	40°C
2	3.0	18615	1851.5	QPSK	15@0	1.67	0.0009	±2.5	PASS	50°C
2	5.0	19175	1907.5	QPSK	25@0	0.9	0.00047	±2.5	PASS	VL
2	5.0	19175	1907.5	QPSK	25@0	-2.82	-0.00148	±2.5	PASS	VN
2	5.0	19175	1907.5	QPSK	25@0	-0.34	-0.00018	±2.5	PASS	VH
2	5.0	19175	1907.5	QPSK	25@0	-0.63	-0.00033	±2.5	PASS	-30°C
2	5.0	19175	1907.5	QPSK	25@0	0.41	0.00022	±2.5	PASS	-20°C
2	5.0	19175	1907.5	QPSK	25@0	0.36	0.00019	±2.5	PASS	-10°C
2	5.0	19175	1907.5	QPSK	25@0	-6.41	-0.00336	±2.5	PASS	0°C
2	5.0	19175	1907.5	QPSK	25@0	3.66	0.00192	±2.5	PASS	10°C
2	5.0	19175	1907.5	QPSK	25@0	1.83	0.00096	±2.5	PASS	20°C
2	5.0	19175	1907.5	QPSK	25@0	-1.49	-0.00078	±2.5	PASS	30°C
2	5.0	19175	1907.5	QPSK	25@0	-3.69	-0.00193	±2.5	PASS	40°C
2	5.0	19175	1907.5	QPSK	25@0	-11.74	-0.00616	±2.5	PASS	50°C
2	5.0	18900	1880.0	QPSK	25@0	-5.46	-0.00291	±2.5	PASS	VL
2	5.0	18900	1880.0	QPSK	25@0	4.25	0.00226	±2.5	PASS	VN
2	5.0	18900	1880.0	QPSK	25@0	-3.03	-0.00161	±2.5	PASS	VH
2	5.0	18900	1880.0	QPSK	25@0	0.32	0.00017	±2.5	PASS	-30°C

2	5.0	18900	1880.0	QPSK	25@0	-1.77	-0.00094	±2.5	PASS	-20°C
2	5.0	18900	1880.0	QPSK	25@0	3.93	0.00209	±2.5	PASS	-10°C
2	5.0	18900	1880.0	QPSK	25@0	6.15	0.00327	±2.5	PASS	0°C
2	5.0	18900	1880.0	QPSK	25@0	3.53	0.00188	±2.5	PASS	10°C
2	5.0	18900	1880.0	QPSK	25@0	2.39	0.00127	±2.5	PASS	20°C
2	5.0	18900	1880.0	QPSK	25@0	-1.89	-0.001	±2.5	PASS	30°C
2	5.0	18900	1880.0	QPSK	25@0	-1.6	-0.00085	±2.5	PASS	40°C
2	5.0	18900	1880.0	QPSK	25@0	-2.12	-0.00113	±2.5	PASS	50°C
2	5.0	18625	1852.5	QPSK	25@0	-4.43	-0.00239	±2.5	PASS	VL
2	5.0	18625	1852.5	QPSK	25@0	-1.39	-0.00075	±2.5	PASS	VN
2	5.0	18625	1852.5	QPSK	25@0	1.3	0.0007	±2.5	PASS	VH
2	5.0	18625	1852.5	QPSK	25@0	-1.33	-0.00072	±2.5	PASS	-30°C
2	5.0	18625	1852.5	QPSK	25@0	0.32	0.00017	±2.5	PASS	-20°C
2	5.0	18625	1852.5	QPSK	25@0	-0.8	-0.00043	±2.5	PASS	-10°C
2	5.0	18625	1852.5	QPSK	25@0	-1.76	-0.00095	±2.5	PASS	0°C
2	5.0	18625	1852.5	QPSK	25@0	1.13	0.00061	±2.5	PASS	10°C
2	5.0	18625	1852.5	QPSK	25@0	-0.8	-0.00043	±2.5	PASS	20°C
2	5.0	18625	1852.5	QPSK	25@0	3.86	0.00208	±2.5	PASS	30°C
2	5.0	18625	1852.5	QPSK	25@0	8.84	0.00477	±2.5	PASS	40°C
2	5.0	18625	1852.5	QPSK	25@0	0.77	0.00042	±2.5	PASS	50°C
2	10.0	19150	1905.0	QPSK	50@0	4.65	0.00244	±2.5	PASS	VL
2	10.0	19150	1905.0	QPSK	50@0	0.21	0.00011	±2.5	PASS	VN
2	10.0	19150	1905.0	QPSK	50@0	-1.39	-0.00073	±2.5	PASS	VH
2	10.0	19150	1905.0	QPSK	50@0	5.14	0.0027	±2.5	PASS	-30°C
2	10.0	19150	1905.0	QPSK	50@0	-6.21	-0.00326	±2.5	PASS	-20°C
2	10.0	19150	1905.0	QPSK	50@0	0.32	0.00017	±2.5	PASS	-10°C
2	10.0	19150	1905.0	QPSK	50@0	-0.93	-0.00049	±2.5	PASS	0°C
2	10.0	19150	1905.0	QPSK	50@0	-2.07	-0.00109	±2.5	PASS	10°C
2	10.0	19150	1905.0	QPSK	50@0	-0.64	-0.00034	±2.5	PASS	20°C
2	10.0	19150	1905.0	QPSK	50@0	5.02	0.00264	±2.5	PASS	30°C
2	10.0	19150	1905.0	QPSK	50@0	0.32	0.00017	±2.5	PASS	40°C
2	10.0	19150	1905.0	QPSK	50@0	-0.9	-0.00047	±2.5	PASS	50°C
2	10.0	19150	1905.0	16QAM	50@0	-15.81	-0.0083	±2.5	PASS	VL
2	10.0	19150	1905.0	16QAM	50@0	-16.49	-0.00866	±2.5	PASS	VH
2	10.0	19150	1905.0	16QAM	50@0	999	0.52441	±2.5	PASS	-20°C
2	10.0	19150	1905.0	16QAM	50@0	999	0.52441	±2.5	PASS	50°C
2	10.0	18900	1880.0	QPSK	50@0	0.46	0.00024	±2.5	PASS	VL
2	10.0	18900	1880.0	QPSK	50@0	-7.78	-0.00414	±2.5	PASS	VN
2	10.0	18900	1880.0	QPSK	50@0	-4.15	-0.00221	±2.5	PASS	VH
2	10.0	18900	1880.0	QPSK	50@0	-1.14	-0.00061	±2.5	PASS	-30°C
2	10.0	18900	1880.0	QPSK	50@0	-3.3	-0.00176	±2.5	PASS	-20°C
2	10.0	18900	1880.0	QPSK	50@0	0.54	0.00029	±2.5	PASS	-10°C
2	10.0	18900	1880.0	QPSK	50@0	-3.85	-0.00205	±2.5	PASS	0°C
2	10.0	18900	1880.0	QPSK	50@0	-2.88	-0.00153	±2.5	PASS	10°C
2	10.0	18900	1880.0	QPSK	50@0	1.07	0.00057	±2.5	PASS	20°C
2	10.0	18900	1880.0	QPSK	50@0	-1.14	-0.00061	±2.5	PASS	30°C
2	10.0	18900	1880.0	QPSK	50@0	1.34	0.00072	±2.5	PASS	40°C
2	10.0	18900	1880.0	QPSK	50@0	0.32	0.00017	±2.5	PASS	50°C
2	10.0	18900	1880.0	16QAM	50@0	-5.59	-0.00298	±2.5	PASS	VL