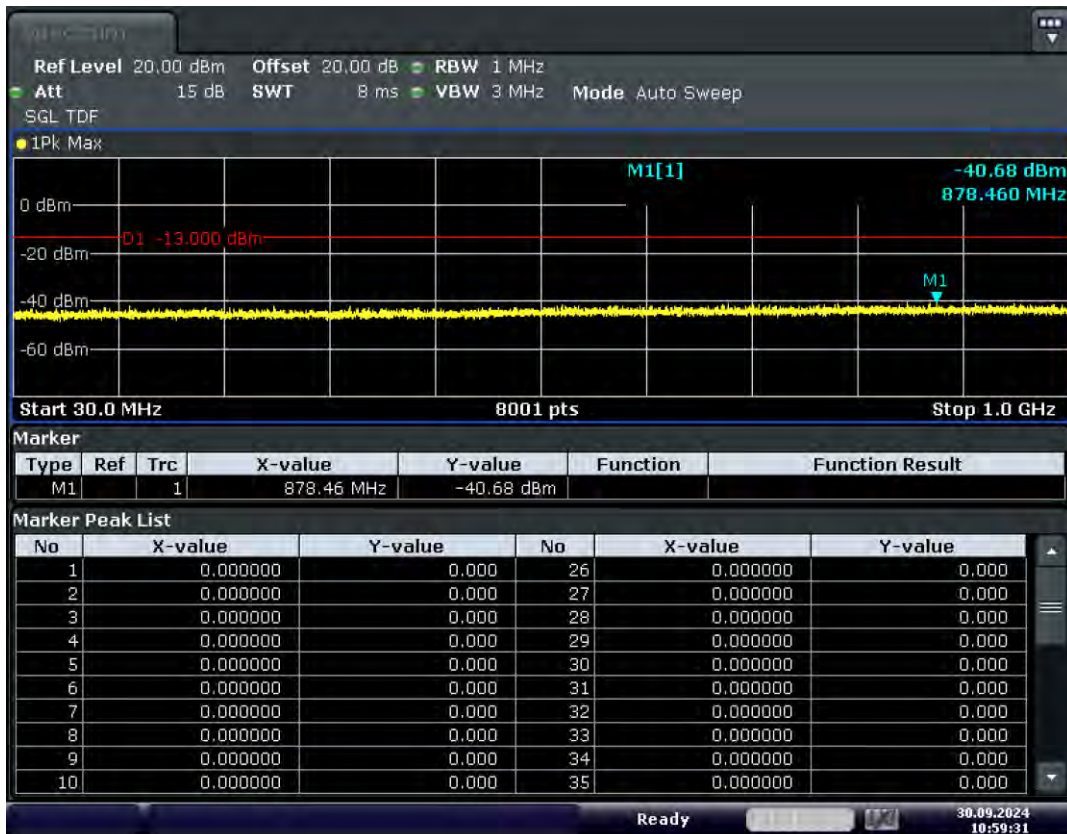


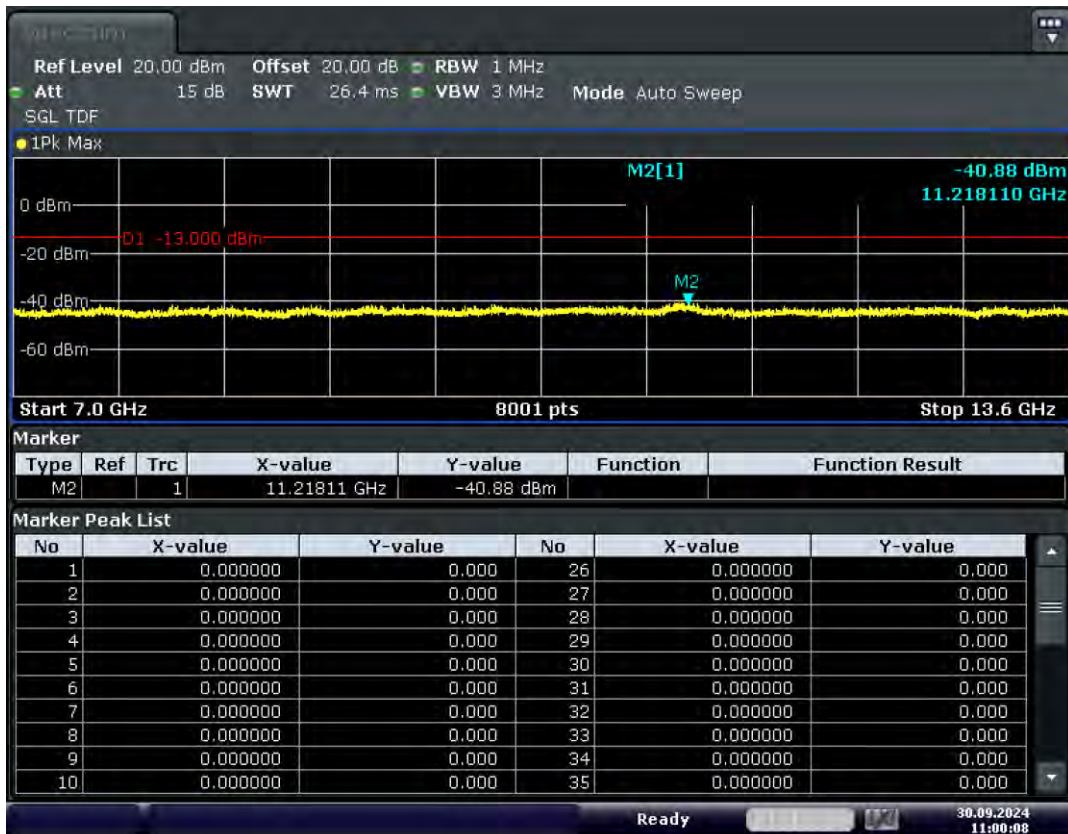
OB2-20-1900-QPSK-100#LOW@30mHz-1GHz@Pass



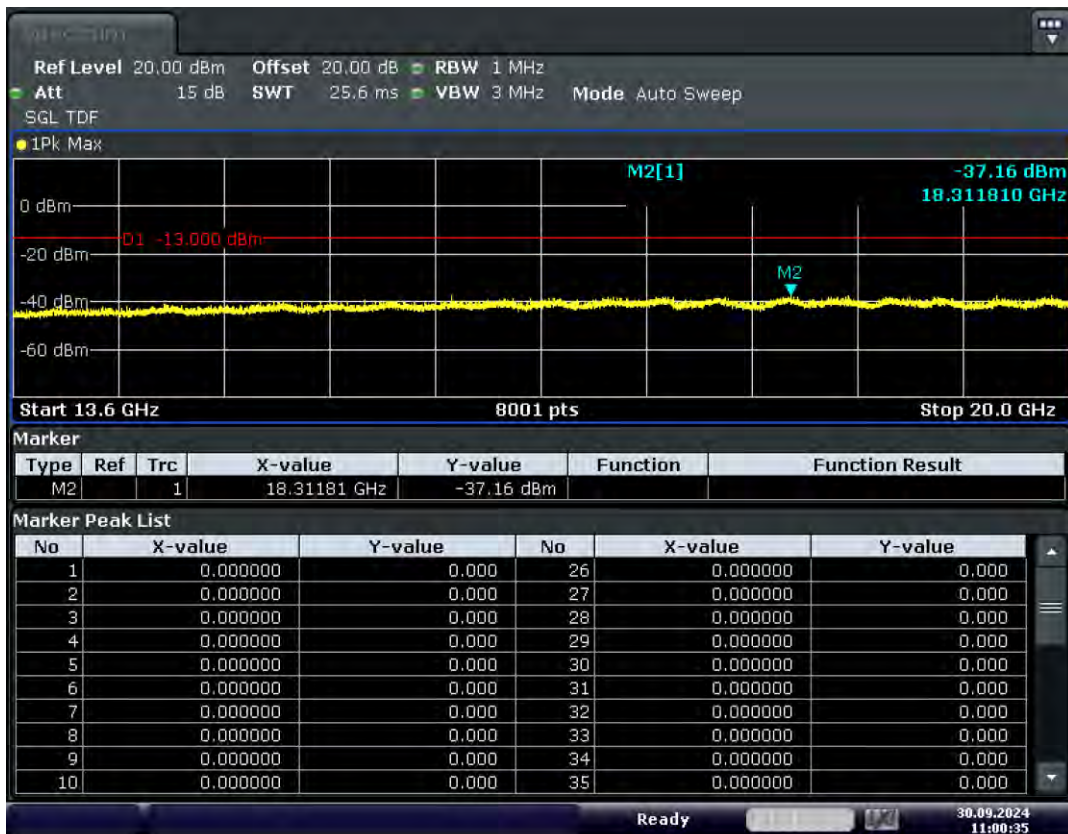
OB2-20-1900-QPSK-100#LOW@1GHz-7GHz@Pass



OB2-20-1900-QPSK-100#LOW@7GHz-13.6GHz@Pass



OB2-20-1900-QPSK-100#LOW@13.6GHz-20GHz@Pass



Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(MHz)	Emission Bandwidth(MHz)	Limit
Band2	1.4	1850.7	QPSK	6	LOW	1.118	1.359	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1.114	1.319	No limit
Band2	1.4	1880	QPSK	6	LOW	1.091	1.286	No limit
Band2	1.4	1880	16QAM	6	LOW	1.102	1.28	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1.117	1.295	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1.106	1.298	No limit
Band2	3	1851.5	QPSK	15	LOW	2.744	3.009	No limit
Band2	3	1851.5	16QAM	15	LOW	2.723	2.985	No limit
Band2	3	1880	QPSK	15	LOW	2.717	2.97	No limit
Band2	3	1880	16QAM	15	LOW	2.726	2.961	No limit
Band2	3	1908.5	QPSK	15	LOW	2.726	3	No limit
Band2	3	1908.5	16QAM	15	LOW	2.72	3.003	No limit
Band2	5	1852.5	QPSK	25	LOW	4.563	5.085	No limit
Band2	5	1852.5	16QAM	25	LOW	4.603	5.125	No limit
Band2	5	1880	QPSK	25	LOW	4.598	5.075	No limit
Band2	5	1880	16QAM	25	LOW	4.588	5.125	No limit
Band2	5	1907.5	QPSK	25	LOW	4.598	5.045	No limit
Band2	5	1907.5	16QAM	25	LOW	4.608	5.095	No limit
Band2	10	1855	QPSK	50	LOW	5.227	6.14	No limit
Band2	10	1855	16QAM	27	LOW	5.267	6.05	No limit
Band2	10	1880	QPSK	50	LOW	9.185	10.18	No limit
Band2	10	1880	16QAM	27	LOW	5.267	6.15	No limit
Band2	10	1905	QPSK	50	LOW	9.165	10.15	No limit
Band2	10	1905	16QAM	27	LOW	5.257	6.17	No limit
Band2	15	1857.5	QPSK	75	LOW	5.232	6.3	No limit
Band2	15	1857.5	16QAM	27	LOW	5.217	6.165	No limit
Band2	15	1880	QPSK	75	LOW	13.553	14.835	No limit
Band2	15	1880	16QAM	27	LOW	5.262	6.18	No limit
Band2	15	1902.5	QPSK	75	LOW	13.493	14.7	No limit
Band2	15	1902.5	16QAM	27	LOW	5.307	7.71	No limit
Band2	20	1860	QPSK	100	LOW	2.259	3.24	No limit
Band2	20	1860	16QAM	27	LOW	5.977	7.3	No limit
Band2	20	1880	QPSK	100	LOW	18.371	20.3	No limit
Band2	20	1880	16QAM	27	LOW	5.977	8.66	No limit
Band2	20	1900	QPSK	100	LOW	18.311	20.3	No limit
Band2	20	1900	16QAM	27	LOW	5.977	7.44	No limit

Band2-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



Band2-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



Band2-1.4-1880-QPSK-6#LOW@26dB and 99PCT Bandwidth



Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth



Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth



Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth



Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



Band2-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band2-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band2-5-1907.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band2-5-1907.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band2-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band2-10-1855-16QAM-27#LOW@26dB and 99PCT Bandwidth



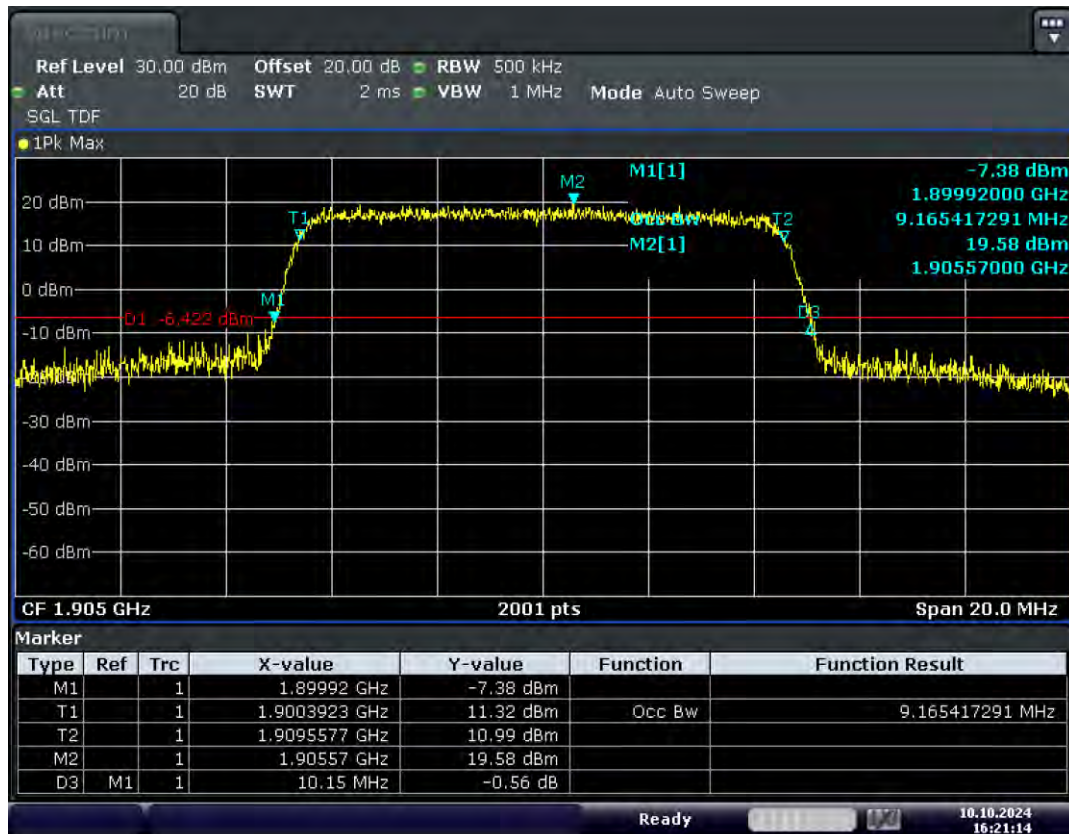
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Band2-10-1880-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band2-10-1905-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band2-10-1905-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band2-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band2-15-1857.5-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band2-15-1880-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band2-15-1880-16QAM-27#LOW@26dB and 99PCT Bandwidth



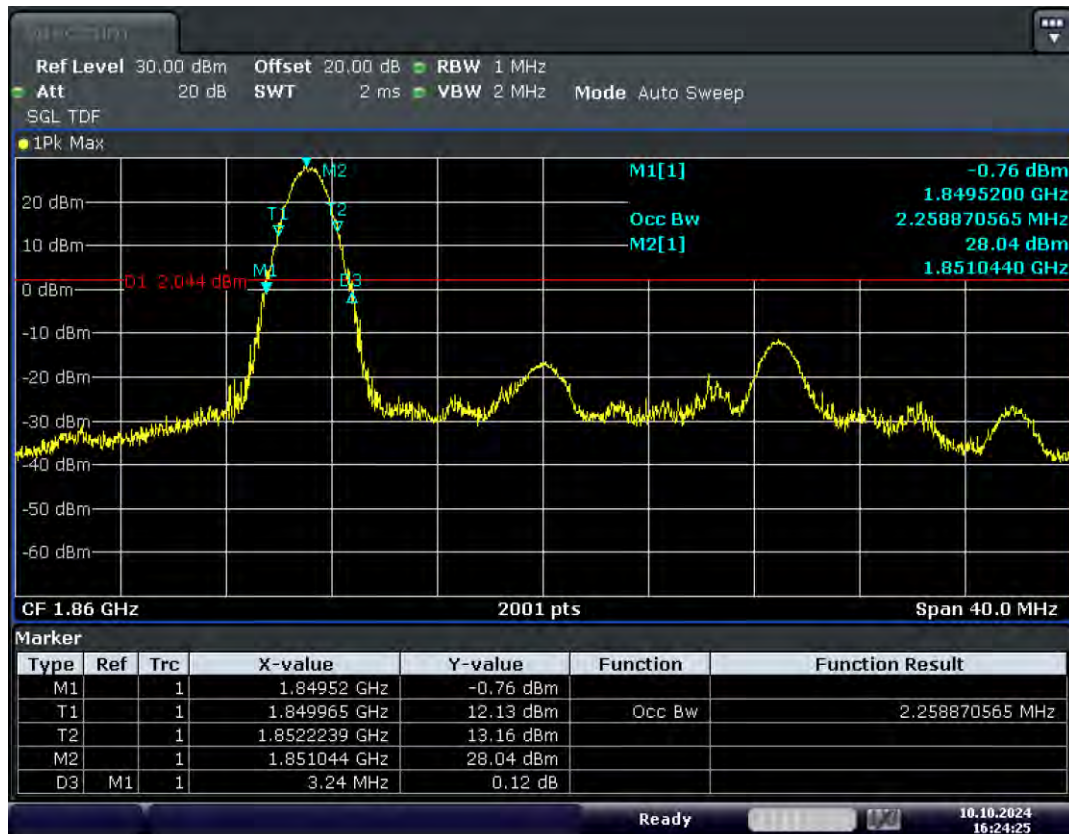
Band2-15-1902.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



Band2-15-1902.5-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band2-20-1860-16QAM-27#LOW@26dB and 99PCT Bandwidth



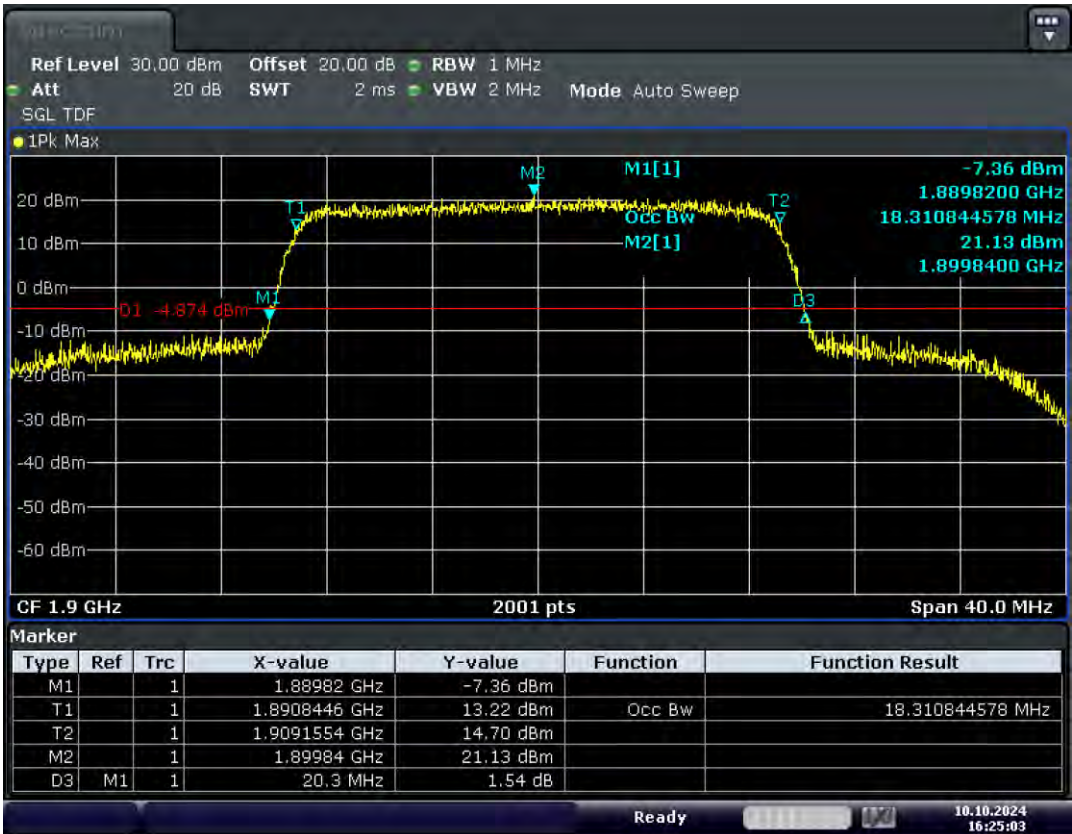
Band2-20-1880-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band2-20-1880-16QAM-27#LOW@26dB and 99PCT Bandwidth



Band2-20-1900-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band2-20-1900-16QAM-27#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0605	PASS
40	Normal Voltage	0.0351	
30	Normal Voltage	0.0173	
20(Ref.)	Normal Voltage	0.0267	
10	Normal Voltage	0.0616	
0	Normal Voltage	0.0167	
-10	Normal Voltage	0.0457	
-20	Normal Voltage	0.0383	
-30	Normal Voltage	0.0166	
20	Maximum Voltage	0.0179	
20	Normal Voltage	0.0256	
20	Battery End Point	0.0611	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dB)	AntGain(dBi)	EIRP(dBm)	Limit(dBm)	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	22.62	30.07	7.45	13	1.75	24.37	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	24.37	30.45	6.08	13	1.75	26.12	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	24.15	29.98	5.83	13	1.75	25.9	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	24.34	30.09	5.75	13	1.75	26.09	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	24.49	29.47	4.98	13	1.75	26.24	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	24.27	30.41	6.14	13	1.75	26.02	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	24.48	30.19	5.71	13	1.75	26.23	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	21.86	30.09	8.23	13	1.75	23.61	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	22.89	29.56	6.67	13	1.75	24.64	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	23.15	30.07	6.92	13	1.75	24.9	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	23.29	30.75	7.46	13	1.75	25.04	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	23.49	29.39	5.9	13	1.75	25.24	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	23.1	29.36	6.26	13	1.75	24.85	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	23.64	29.69	6.05	13	1.75	25.39	33	Pass
Band2	1.4	1880	QPSK	6	LOW	22.39	28.42	6.03	13	1.75	24.14	33	Pass
Band2	1.4	1880	QPSK	3	LOW	23.36	29.17	5.81	13	1.75	25.11	33	Pass
Band2	1.4	1880	QPSK	3	MID	23.91	29.55	5.64	13	1.75	25.66	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	23.78	29.4	5.62	13	1.75	25.53	33	Pass
Band2	1.4	1880	QPSK	1	LOW	23.6	29.1	5.5	13	1.75	25.35	33	Pass
Band2	1.4	1880	QPSK	1	MID	24.07	29.44	5.37	13	1.75	25.82	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	23.72	29.53	5.81	13	1.75	25.47	33	Pass
Band2	1.4	1880	16QAM	6	LOW	21.88	29.39	7.51	13	1.75	23.63	33	Pass
Band2	1.4	1880	16QAM	3	LOW	22.58	28.63	6.05	13	1.75	24.33	33	Pass
Band2	1.4	1880	16QAM	3	MID	22.58	29.19	6.61	13	1.75	24.33	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	22.55	28.82	6.27	13	1.75	24.3	33	Pass
Band2	1.4	1880	16QAM	1	LOW	22.82	28.45	5.63	13	1.75	24.57	33	Pass
Band2	1.4	1880	16QAM	1	MID	22.84	28.82	5.98	13	1.75	24.59	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	23.16	28.95	5.79	13	1.75	24.91	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	21.93	28.73	6.8	13	1.75	23.68	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	22.92	28.86	5.94	13	1.75	24.67	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	22.77	27.75	4.98	13	1.75	24.52	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	22.83	28.42	5.59	13	1.75	24.58	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	22.8	28.67	5.87	13	1.75	24.55	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	22.72	28.37	5.65	13	1.75	24.47	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	22.89	28.55	5.66	13	1.75	24.64	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	21.12	28.77	7.65	13	1.75	22.87	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	22.26	27.69	5.43	13	1.75	24.01	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	22.14	27.41	5.27	13	1.75	23.89	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	22.89	29.51	6.62	13	1.75	24.64	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	22.95	28.96	6.01	13	1.75	24.7	33	Pass
Band2	1.4	1909.3	16QAM	1	MID	22.28	28.11	5.83	13	1.75	24.03	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	22.02	28.05	6.03	13	1.75	23.77	33	Pass

Band2	3	1851.5	QPSK	15	LOW	22.86	30.27	7.41	13	1.75	24.61	33	Pass
Band2	3	1851.5	QPSK	8	LOW	23.4	29.53	6.13	13	1.75	25.15	33	Pass
Band2	3	1851.5	QPSK	8	MID	23	29.65	6.65	13	1.75	24.75	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	23.25	29.43	6.18	13	1.75	25	33	Pass
Band2	3	1851.5	QPSK	1	LOW	23.44	28.04	4.6	13	1.75	25.19	33	Pass
Band2	3	1851.5	QPSK	1	MID	24.94	29.87	4.93	13	1.75	26.69	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	23.36	28.29	4.93	13	1.75	25.11	33	Pass
Band2	3	1851.5	16QAM	15	LOW	21.96	30.42	8.46	13	1.75	23.71	33	Pass
Band2	3	1851.5	16QAM	12	LOW	22.29	30.15	7.86	13	1.75	24.04	33	Pass
Band2	3	1851.5	16QAM	12	MID	21.49	28.43	6.94	13	1.75	23.24	33	Pass
Band2	3	1851.5	16QAM	12	HIGH	21.91	29.5	7.59	13	1.75	23.66	33	Pass
Band2	3	1851.5	16QAM	1	LOW	23.07	28.35	5.28	13	1.75	24.82	33	Pass
Band2	3	1851.5	16QAM	1	MID	23.21	28.82	5.61	13	1.75	24.96	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	23.39	29.83	6.44	13	1.75	25.14	33	Pass
Band2	3	1880	QPSK	15	LOW	22.64	28.72	6.08	13	1.75	24.39	33	Pass
Band2	3	1880	QPSK	8	LOW	22.82	28.99	6.17	13	1.75	24.57	33	Pass
Band2	3	1880	QPSK	8	MID	23.87	28.56	4.69	13	1.75	25.62	33	Pass
Band2	3	1880	QPSK	8	HIGH	22.56	29.68	7.12	13	1.75	24.31	33	Pass
Band2	3	1880	QPSK	1	LOW	23.69	28.9	5.21	13	1.75	25.44	33	Pass
Band2	3	1880	QPSK	1	MID	23.63	28.22	4.59	13	1.75	25.38	33	Pass
Band2	3	1880	QPSK	1	HIGH	23.77	28.32	4.55	13	1.75	25.52	33	Pass
Band2	3	1880	16QAM	15	LOW	22.1	29.44	7.34	13	1.75	23.85	33	Pass
Band2	3	1880	16QAM	12	LOW	21.73	28.77	7.04	13	1.75	23.48	33	Pass
Band2	3	1880	16QAM	12	MID	22.07	28.44	6.37	13	1.75	23.82	33	Pass
Band2	3	1880	16QAM	12	HIGH	21.58	28.91	7.33	13	1.75	23.33	33	Pass
Band2	3	1880	16QAM	1	LOW	23.08	29.07	5.99	13	1.75	24.83	33	Pass
Band2	3	1880	16QAM	1	MID	23	28.42	5.42	13	1.75	24.75	33	Pass
Band2	3	1880	16QAM	1	HIGH	23.32	28.82	5.5	13	1.75	25.07	33	Pass
Band2	3	1908.5	QPSK	15	LOW	22.98	29.71	6.73	13	1.75	24.73	33	Pass
Band2	3	1908.5	QPSK	8	LOW	22.69	28.55	5.86	13	1.75	24.44	33	Pass
Band2	3	1908.5	QPSK	8	MID	22.48	28.67	6.19	13	1.75	24.23	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	22.25	29.11	6.86	13	1.75	24	33	Pass
Band2	3	1908.5	QPSK	1	LOW	23.28	28.86	5.58	13	1.75	25.03	33	Pass
Band2	3	1908.5	QPSK	1	MID	22.79	28.31	5.52	13	1.75	24.54	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	22.7	29.36	6.66	13	1.75	24.45	33	Pass
Band2	3	1908.5	16QAM	15	LOW	21.39	28.21	6.82	13	1.75	23.14	33	Pass
Band2	3	1908.5	16QAM	12	LOW	21.37	28.62	7.25	13	1.75	23.12	33	Pass
Band2	3	1908.5	16QAM	12	MID	21.44	28.68	7.24	13	1.75	23.19	33	Pass
Band2	3	1908.5	16QAM	12	HIGH	21.47	28.31	6.84	13	1.75	23.22	33	Pass
Band2	3	1908.5	16QAM	1	LOW	22.52	28.08	5.56	13	1.75	24.27	33	Pass
Band2	3	1908.5	16QAM	1	MID	21.94	26.45	4.51	13	1.75	23.69	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	22.23	26.91	4.68	13	1.75	23.98	33	Pass
Band2	5	1852.5	QPSK	25	LOW	22.5	30.09	7.59	13	1.75	24.25	33	Pass
Band2	5	1852.5	QPSK	12	LOW	22.55	29.27	6.72	13	1.75	24.3	33	Pass
Band2	5	1852.5	QPSK	12	MID	22.67	28.21	5.54	13	1.75	24.42	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	22.45	29.38	6.93	13	1.75	24.2	33	Pass
Band2	5	1852.5	QPSK	1	LOW	23.59	28.95	5.36	13	1.75	25.34	33	Pass

Band2	5	1852.5	QPSK	1	MID	24.28	30.1	5.82	13	1.75	26.03	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.58	29.22	6.64	13	1.75	24.33	33	Pass
Band2	5	1852.5	16QAM	25	LOW	21.59	30.22	8.63	13	1.75	23.34	33	Pass
Band2	5	1852.5	16QAM	12	LOW	21.51	28.31	6.8	13	1.75	23.26	33	Pass
Band2	5	1852.5	16QAM	12	MID	21.31	28.06	6.75	13	1.75	23.06	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	21.66	29.7	8.04	13	1.75	23.41	33	Pass
Band2	5	1852.5	16QAM	1	LOW	22.91	29.85	6.94	13	1.75	24.66	33	Pass
Band2	5	1852.5	16QAM	1	MID	23.18	30.07	6.89	13	1.75	24.93	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	22.9	29.67	6.77	13	1.75	24.65	33	Pass
Band2	5	1880	QPSK	25	LOW	22.54	29.29	6.75	13	1.75	24.29	33	Pass
Band2	5	1880	QPSK	12	LOW	22.12	28.12	6	13	1.75	23.87	33	Pass
Band2	5	1880	QPSK	12	MID	22.74	28.72	5.98	13	1.75	24.49	33	Pass
Band2	5	1880	QPSK	12	HIGH	22.65	29.11	6.46	13	1.75	24.4	33	Pass
Band2	5	1880	QPSK	1	LOW	23.6	28.31	4.71	13	1.75	25.35	33	Pass
Band2	5	1880	QPSK	1	MID	23.91	29.38	5.47	13	1.75	25.66	33	Pass
Band2	5	1880	QPSK	1	HIGH	23.66	28.41	4.75	13	1.75	25.41	33	Pass
Band2	5	1880	16QAM	25	LOW	21.34	28.74	7.4	13	1.75	23.09	33	Pass
Band2	5	1880	16QAM	12	LOW	21.5	29.27	7.77	13	1.75	23.25	33	Pass
Band2	5	1880	16QAM	12	MID	21.54	29.21	7.67	13	1.75	23.29	33	Pass
Band2	5	1880	16QAM	12	HIGH	21.21	28.79	7.58	13	1.75	22.96	33	Pass
Band2	5	1880	16QAM	1	LOW	22.92	28.89	5.97	13	1.75	24.67	33	Pass
Band2	5	1880	16QAM	1	MID	22.75	28.71	5.96	13	1.75	24.5	33	Pass
Band2	5	1880	16QAM	1	HIGH	22.95	28.88	5.93	13	1.75	24.7	33	Pass
Band2	5	1907.5	QPSK	25	LOW	22.32	28.56	6.24	13	1.75	24.07	33	Pass
Band2	5	1907.5	QPSK	12	LOW	22.47	28.36	5.89	13	1.75	24.22	33	Pass
Band2	5	1907.5	QPSK	12	MID	22.61	27.95	5.34	13	1.75	24.36	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	22.1	28.47	6.37	13	1.75	23.85	33	Pass
Band2	5	1907.5	QPSK	1	LOW	23.31	27.51	4.2	13	1.75	25.06	33	Pass
Band2	5	1907.5	QPSK	1	MID	23.06	27.22	4.16	13	1.75	24.81	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	22.51	28.18	5.67	13	1.75	24.26	33	Pass
Band2	5	1907.5	16QAM	25	LOW	21.45	28.28	6.83	13	1.75	23.2	33	Pass
Band2	5	1907.5	16QAM	12	LOW	21.91	27.82	5.91	13	1.75	23.66	33	Pass
Band2	5	1907.5	16QAM	12	MID	21.91	28.98	7.07	13	1.75	23.66	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	21.55	27.92	6.37	13	1.75	23.3	33	Pass
Band2	5	1907.5	16QAM	1	LOW	22.79	28.23	5.44	13	1.75	24.54	33	Pass
Band2	5	1907.5	16QAM	1	MID	22.22	27.17	4.95	13	1.75	23.97	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	22.28	28.36	6.08	13	1.75	24.03	33	Pass
Band2	10	1855	QPSK	50	LOW	22.15	28.8	6.65	13	1.75	23.9	33	Pass
Band2	10	1855	QPSK	25	LOW	22.3	29.76	7.46	13	1.75	24.05	33	Pass
Band2	10	1855	QPSK	25	MID	21.99	27.9	5.91	13	1.75	23.74	33	Pass
Band2	10	1855	QPSK	25	HIGH	22.43	28.32	5.89	13	1.75	24.18	33	Pass
Band2	10	1855	QPSK	1	LOW	23.71	28.2	4.49	13	1.75	25.46	33	Pass
Band2	10	1855	QPSK	1	MID	24.01	29.38	5.37	13	1.75	25.76	33	Pass
Band2	10	1855	QPSK	1	HIGH	24.08	28.71	4.63	13	1.75	25.83	33	Pass
Band2	10	1855	16QAM	27	LOW	20.8	27.66	6.86	13	1.75	22.55	33	Pass
Band2	10	1855	16QAM	15	LOW	21.45	29.36	7.91	13	1.75	23.2	33	Pass
Band2	10	1855	16QAM	15	MID	21.3	27.89	6.59	13	1.75	23.05	33	Pass

Band2	10	1855	16QAM	15	HIGH	21.52	29.5	7.98	13	1.75	23.27	33	Pass
Band2	10	1855	16QAM	1	LOW	23.22	28.88	5.66	13	1.75	24.97	33	Pass
Band2	10	1855	16QAM	1	MID	22.86	28.61	5.75	13	1.75	24.61	33	Pass
Band2	10	1855	16QAM	1	HIGH	22.94	28.21	5.27	13	1.75	24.69	33	Pass
Band2	10	1880	QPSK	50	LOW	22.54	29.53	6.99	13	1.75	24.29	33	Pass
Band2	10	1880	QPSK	25	LOW	22	28.62	6.62	13	1.75	23.75	33	Pass
Band2	10	1880	QPSK	25	MID	21.92	28.43	6.51	13	1.75	23.67	33	Pass
Band2	10	1880	QPSK	25	HIGH	22.16	27.97	5.81	13	1.75	23.91	33	Pass
Band2	10	1880	QPSK	1	LOW	23.64	27.38	3.74	13	1.75	25.39	33	Pass
Band2	10	1880	QPSK	1	MID	23.4	28.27	4.87	13	1.75	25.15	33	Pass
Band2	10	1880	QPSK	1	HIGH	23.86	28.92	5.06	13	1.75	25.61	33	Pass
Band2	10	1880	16QAM	27	LOW	21.57	29.12	7.55	13	1.75	23.32	33	Pass
Band2	10	1880	16QAM	15	LOW	21.41	28.15	6.74	13	1.75	23.16	33	Pass
Band2	10	1880	16QAM	15	MID	21.04	27.83	6.79	13	1.75	22.79	33	Pass
Band2	10	1880	16QAM	15	HIGH	21.28	28.2	6.92	13	1.75	23.03	33	Pass
Band2	10	1880	16QAM	1	LOW	22.78	27.83	5.05	13	1.75	24.53	33	Pass
Band2	10	1880	16QAM	1	MID	22.79	28.62	5.83	13	1.75	24.54	33	Pass
Band2	10	1880	16QAM	1	HIGH	23.06	29.33	6.27	13	1.75	24.81	33	Pass
Band2	10	1905	QPSK	50	LOW	22.2	27.68	5.48	13	1.75	23.95	33	Pass
Band2	10	1905	QPSK	25	LOW	22.64	27.75	5.11	13	1.75	24.39	33	Pass
Band2	10	1905	QPSK	25	MID	22.72	28.8	6.08	13	1.75	24.47	33	Pass
Band2	10	1905	QPSK	25	HIGH	22.52	27.83	5.31	13	1.75	24.27	33	Pass
Band2	10	1905	QPSK	1	LOW	23.68	28.03	4.35	13	1.75	25.43	33	Pass
Band2	10	1905	QPSK	1	MID	23.59	28.14	4.55	13	1.75	25.34	33	Pass
Band2	10	1905	QPSK	1	HIGH	22.84	27.91	5.07	13	1.75	24.59	33	Pass
Band2	10	1905	16QAM	27	LOW	21.65	28.43	6.78	13	1.75	23.4	33	Pass
Band2	10	1905	16QAM	15	LOW	21.56	28.03	6.47	13	1.75	23.31	33	Pass
Band2	10	1905	16QAM	15	MID	21.82	27.6	5.78	13	1.75	23.57	33	Pass
Band2	10	1905	16QAM	15	HIGH	21.2	27.61	6.41	13	1.75	22.95	33	Pass
Band2	10	1905	16QAM	1	LOW	22.9	28.03	5.13	13	1.75	24.65	33	Pass
Band2	10	1905	16QAM	1	MID	22.97	27.38	4.41	13	1.75	24.72	33	Pass
Band2	10	1905	16QAM	1	HIGH	23.29	29.23	5.94	13	1.75	25.04	33	Pass
Band2	15	1857.5	QPSK	75	LOW	22.61	30.07	7.46	13	1.75	24.36	33	Pass
Band2	15	1857.5	QPSK	38	LOW	22.62	29.48	6.86	13	1.75	24.37	33	Pass
Band2	15	1857.5	QPSK	38	MID	23.07	30.45	7.38	13	1.75	24.82	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	22.74	29.71	6.97	13	1.75	24.49	33	Pass
Band2	15	1857.5	QPSK	1	LOW	24.09	29.77	5.68	13	1.75	25.84	33	Pass
Band2	15	1857.5	QPSK	1	MID	24.06	28.02	3.96	13	1.75	25.81	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	23.77	28.6	4.83	13	1.75	25.52	33	Pass
Band2	15	1857.5	16QAM	27	LOW	21.62	28.59	6.97	13	1.75	23.37	33	Pass
Band2	15	1857.5	16QAM	15	LOW	22.39	29.62	7.23	13	1.75	24.14	33	Pass
Band2	15	1857.5	16QAM	15	MID	22.84	29.61	6.77	13	1.75	24.59	33	Pass
Band2	15	1857.5	16QAM	15	HIGH	22.97	29.06	6.09	13	1.75	24.72	33	Pass
Band2	15	1857.5	16QAM	1	LOW	23.25	28.84	5.59	13	1.75	25	33	Pass
Band2	15	1857.5	16QAM	1	MID	23.06	28.23	5.17	13	1.75	24.81	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	23.18	28.5	5.32	13	1.75	24.93	33	Pass
Band2	15	1880	QPSK	75	LOW	22.1	29.38	7.28	13	1.75	23.85	33	Pass

Band2	15	1880	QPSK	38	HIGH	22.46	29.24	6.78	13	1.75	24.21	33	Pass
Band2	15	1880	QPSK	38	MID	22.09	28.73	6.64	13	1.75	23.84	33	Pass
Band2	15	1880	QPSK	1	LOW	23.18	27.88	4.7	13	1.75	24.93	33	Pass
Band2	15	1880	QPSK	1	MID	23.26	28.38	5.12	13	1.75	25.01	33	Pass
Band2	15	1880	QPSK	1	HIGH	24.06	29.07	5.01	13	1.75	25.81	33	Pass
Band2	15	1880	16QAM	27	LOW	21.47	28.18	6.71	13	1.75	23.22	33	Pass
Band2	15	1880	16QAM	15	LOW	22.73	28.88	6.15	13	1.75	24.48	33	Pass
Band2	15	1880	16QAM	15	MID	22.71	28.25	5.54	13	1.75	24.46	33	Pass
Band2	15	1880	16QAM	15	HIGH	22.58	28.49	5.91	13	1.75	24.33	33	Pass
Band2	15	1880	16QAM	1	LOW	23.33	27.9	4.57	13	1.75	25.08	33	Pass
Band2	15	1880	16QAM	1	MID	22.96	28.05	5.09	13	1.75	24.71	33	Pass
Band2	15	1880	16QAM	1	HIGH	23.56	30.12	6.56	13	1.75	25.31	33	Pass
Band2	15	1902.5	QPSK	75	LOW	22.7	29.57	6.87	13	1.75	24.45	33	Pass
Band2	15	1902.5	QPSK	38	LOW	22.59	29.19	6.6	13	1.75	24.34	33	Pass
Band2	15	1902.5	QPSK	38	MID	22.44	28.63	6.19	13	1.75	24.19	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	22.78	29.06	6.28	13	1.75	24.53	33	Pass
Band2	15	1902.5	QPSK	1	LOW	23.82	29.04	5.22	13	1.75	25.57	33	Pass
Band2	15	1902.5	QPSK	1	MID	23.62	27.49	3.87	13	1.75	25.37	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	23.26	27.79	4.53	13	1.75	25.01	33	Pass
Band2	15	1902.5	16QAM	27	LOW	21.92	28.5	6.58	13	1.75	23.67	33	Pass
Band2	15	1902.5	16QAM	15	LOW	22.83	28.86	6.03	13	1.75	24.58	33	Pass
Band2	15	1902.5	16QAM	15	MID	22.7	28.1	5.4	13	1.75	24.45	33	Pass
Band2	15	1902.5	16QAM	15	HIGH	21.92	27.09	5.17	13	1.75	23.67	33	Pass
Band2	15	1902.5	16QAM	1	LOW	23.58	28.99	5.41	13	1.75	25.33	33	Pass
Band2	15	1902.5	16QAM	1	MID	22.94	27.91	4.97	13	1.75	24.69	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	22.65	26.85	4.2	13	1.75	24.4	33	Pass
Band2	20	1860	QPSK	100	LOW	22.64	29.5	6.86	13	1.75	24.39	33	Pass
Band2	20	1860	QPSK	50	LOW	22.73	30.06	7.33	13	1.75	24.48	33	Pass
Band2	20	1860	QPSK	50	MID	22.88	29.79	6.91	13	1.75	24.63	33	Pass
Band2	20	1860	QPSK	50	HIGH	22.93	28.86	5.93	13	1.75	24.68	33	Pass
Band2	20	1860	QPSK	1	LOW	24.25	29.18	4.93	13	1.75	26	33	Pass
Band2	20	1860	QPSK	1	MID	23.49	27.61	4.12	13	1.75	25.24	33	Pass
Band2	20	1860	QPSK	1	HIGH	23.38	27.89	4.51	13	1.75	25.13	33	Pass
Band2	20	1860	16QAM	27	LOW	21.35	28.77	7.42	13	1.75	23.1	33	Pass
Band2	20	1860	16QAM	15	LOW	23.26	29.79	6.53	13	1.75	25.01	33	Pass
Band2	20	1860	16QAM	15	MID	22.92	29.39	6.47	13	1.75	24.67	33	Pass
Band2	20	1860	16QAM	15	HIGH	22.56	27.76	5.2	13	1.75	24.31	33	Pass
Band2	20	1860	16QAM	1	LOW	23.74	29.5	5.76	13	1.75	25.49	33	Pass
Band2	20	1860	16QAM	1	MID	23.22	27.66	4.44	13	1.75	24.97	33	Pass
Band2	20	1860	16QAM	1	HIGH	23.18	28.23	5.05	13	1.75	24.93	33	Pass
Band2	20	1880	QPSK	100	LOW	22.6	28.94	6.34	13	1.75	24.35	33	Pass
Band2	20	1880	QPSK	50	LOW	22.19	27.58	5.39	13	1.75	23.94	33	Pass
Band2	20	1880	QPSK	50	MID	22.24	28.24	6	13	1.75	23.99	33	Pass
Band2	20	1880	QPSK	50	HIGH	22.34	28.85	6.51	13	1.75	24.09	33	Pass
Band2	20	1880	QPSK	1	LOW	23.22	28.53	5.31	13	1.75	24.97	33	Pass
Band2	20	1880	QPSK	1	MID	23.84	28.5	4.66	13	1.75	25.59	33	Pass
Band2	20	1880	QPSK	1	HIGH	24.08	29.44	5.36	13	1.75	25.83	33	Pass

Band2	20	1880	16QAM	27	LOW	21.66	28.12	6.46	13	1.75	23.41	33	Pass
Band2	20	1880	16QAM	15	LOW	22.45	28.48	6.03	13	1.75	24.2	33	Pass
Band2	20	1880	16QAM	15	MID	22.38	28.05	5.67	13	1.75	24.13	33	Pass
Band2	20	1880	16QAM	15	HIGH	22.8	28.3	5.5	13	1.75	24.55	33	Pass
Band2	20	1880	16QAM	1	LOW	22.96	28.13	5.17	13	1.75	24.71	33	Pass
Band2	20	1880	16QAM	1	MID	23.03	28.2	5.17	13	1.75	24.78	33	Pass
Band2	20	1880	16QAM	1	HIGH	23.47	29.1	5.63	13	1.75	25.22	33	Pass
Band2	20	1900	QPSK	100	LOW	22.81	29.72	6.91	13	1.75	24.56	33	Pass
Band2	20	1900	QPSK	50	LOW	23.34	29.61	6.27	13	1.75	25.09	33	Pass
Band2	20	1900	QPSK	50	MID	22.78	29.77	6.99	13	1.75	24.53	33	Pass
Band2	20	1900	QPSK	50	HIGH	22.88	28.42	5.54	13	1.75	24.63	33	Pass
Band2	20	1900	QPSK	1	LOW	24.18	29.65	5.47	13	1.75	25.93	33	Pass
Band2	20	1900	QPSK	1	MID	23.87	27.59	3.72	13	1.75	25.62	33	Pass
Band2	20	1900	QPSK	1	HIGH	22.8	28.33	5.53	13	1.75	24.55	33	Pass
Band2	20	1900	16QAM	27	LOW	21.96	28.99	7.03	13	1.75	23.71	33	Pass
Band2	20	1900	16QAM	15	LOW	22.84	29.15	6.31	13	1.75	24.59	33	Pass
Band2	20	1900	16QAM	15	MID	22.76	29.2	6.44	13	1.75	24.51	33	Pass
Band2	20	1900	16QAM	15	HIGH	22.23	28.56	6.33	13	1.75	23.98	33	Pass
Band2	20	1900	16QAM	1	LOW	23.13	28.62	5.49	13	1.75	24.88	33	Pass
Band2	20	1900	16QAM	1	MID	23.82	28.72	4.9	13	1.75	25.57	33	Pass
Band2	20	1900	16QAM	1	HIGH	22.69	28.2	5.51	13	1.75	24.44	33	Pass