Band4-1.4-1710.7-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band4-1.4-1710.7-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band4-1.4-1732.5-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band4-1.4-1732.5-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band4-1.4-1754.3-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band4-1.4-1754.3-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band4-3-1711.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band4-3-1711.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band4-3-1732.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band4-3-1732.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band4-3-1753.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band4-3-1753.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band4-5-1712.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band4-5-1712.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band4-5-1732.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band4-5-1732.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band4-5-1752.5-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band4-5-1752.5-16QAM-25#LOW@26dB and 99PCT Bandwidth

Band4-10-1715-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band4-10-1715-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-10-1732.5-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band4-10-1732.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-10-1750-QPSK-50#LOW@26dB and 99PCT Bandwidth

Band4-10-1750-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-15-1717.5-QPSK-75#LOW@26dB and 99PCT Bandwidth

Band4-15-1717.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-15-1732.5-QPSK-75#LOW@26dB and 99PCT Bandwidth

Band4-15-1732.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-15-1747.5-QPSK-75#LOW@26dB and 99PCT Bandwidth

Band4-15-1747.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-20-1720-QPSK-100#LOW@26dB and 99PCT Bandwidth

Band4-20-1720-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-20-1732.5-QPSK-100#LOW@26dB and 99PCT Bandwidth

Band4-20-1732.5-16QAM-27#LOW@26dB and 99PCT Bandwidth

Band4-20-1745-QPSK-100#LOW@26dB and 99PCT Bandwidth

Band4-20-1745-16QAM-27#LOW@26dB and 99PCT Bandwidth

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0640	PASS
40	Normal Voltage	0.0331	
30	Normal Voltage	0.0171	
20(Ref.)	Normal Voltage	0.0252	
10	Normal Voltage	0.0699	
0	Normal Voltage	0.0178	
-10	Normal Voltage	0.0466	
-20	Normal Voltage	0.0376	
-30	Normal Voltage	0.0164	
20	Maximum Voltage	0.0175	
20	Normal Voltage	0.0294	
20	Battery End Point	0.0646	

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
Band4	1.4	1710.7	QPSK	6	LOW	21.59	26.93	5.34	13	1.72	23.31	30	Pass
Band4	1.4	1710.7	QPSK	3	LOW	22.15	26.11	3.96	13	1.72	23.87	30	Pass
Band4	1.4	1710.7	QPSK	3	MID	22.12	26.13	4.01	13	1.72	23.84	30	Pass
Band4	1.4	1710.7	QPSK	3	HIGH	22.09	26.11	4.02	13	1.72	23.81	30	Pass
Band4	1.4	1710.7	QPSK	1	LOW	22.05	25.69	3.64	13	1.72	23.77	30	Pass
Band4	1.4	1710.7	QPSK	1	MID	22.31	25.73	3.42	13	1.72	24.03	30	Pass
Band4	1.4	1710.7	QPSK	1	HIGH	22.08	25.71	3.63	13	1.72	23.8	30	Pass
Band4	1.4	1710.7	16QAM	6	LOW	20.16	26.41	6.25	13	1.72	21.88	30	Pass
Band4	1.4	1710.7	16QAM	3	LOW	21.33	25.95	4.62	13	1.72	23.05	30	Pass
Band4	1.4	1710.7	16QAM	3	MID	21.35	25.94	4.59	13	1.72	23.07	30	Pass
Band4	1.4	1710.7	16QAM	3	HIGH	21.35	26.06	4.71	13	1.72	23.07	30	Pass
Band4	1.4	1710.7	16QAM	1	LOW	21.15	25.41	4.26	13	1.72	22.87	30	Pass
Band4	1.4	1710.7	16QAM	1	MID	21.36	25.5	4.14	13	1.72	23.08	30	Pass
Band4	1.4	1710.7	16QAM	1	HIGH	21.14	25.41	4.27	13	1.72	22.86	30	Pass
Band4	1.4	1732.5	QPSK	6	LOW	21.28	27.22	5.94	13	1.72	23	30	Pass
Band4	1.4	1732.5	QPSK	3	LOW	22.51	27.81	5.3	13	1.72	24.23	30	Pass
Band4	1.4	1732.5	QPSK	3	MID	22.47	27.83	5.36	13	1.72	24.19	30	Pass
Band4	1.4	1732.5	QPSK	3	HIGH	22.44	27.71	5.27	13	1.72	24.16	30	Pass
Band4	1.4	1732.5	QPSK	1	LOW	22.27	27.06	4.79	13	1.72	23.99	30	Pass
Band4	1.4	1732.5	QPSK	1	MID	22.65	27.27	4.62	13	1.72	24.37	30	Pass

Band4	1.4	1732.5	QPSK	1	HIGH	22.29	27.19	4.9	13	1.72	24.01	30	Pass
Band4	1.4	1732.5	16QAM	6	LOW	20.46	27.48	7.02	13	1.72	22.18	30	Pass
Band4	1.4	1732.5	16QAM	3	LOW	21.55	27.71	6.16	13	1.72	23.27	30	Pass
Band4	1.4	1732.5	16QAM	3	MID	21.57	27.73	6.16	13	1.72	23.29	30	Pass
Band4	1.4	1732.5	16QAM	3	HIGH	21.63	27.79	6.16	13	1.72	23.35	30	Pass
Band4	1.4	1732.5	16QAM	1	LOW	21.45	26.4	4.95	13	1.72	23.17	30	Pass
Band4	1.4	1732.5	16QAM	1	MID	21.85	26.69	4.84	13	1.72	23.57	30	Pass
Band4	1.4	1732.5	16QAM	1	HIGH	21.43	26.32	4.89	13	1.72	23.15	30	Pass
Band4	1.4	1754.3	QPSK	6	LOW	21	26.31	5.31	13	1.72	22.72	30	Pass
Band4	1.4	1754.3	QPSK	3	LOW	22.01	26.43	4.42	13	1.72	23.73	30	Pass
Band4	1.4	1754.3	QPSK	3	MID	21.96	26.41	4.45	13	1.72	23.68	30	Pass
Band4	1.4	1754.3	QPSK	3	HIGH	21.98	26.37	4.39	13	1.72	23.7	30	Pass
Band4	1.4	1754.3	QPSK	1	LOW	21.89	25.73	3.84	13	1.72	23.61	30	Pass
Band4	1.4	1754.3	QPSK	1	MID	22.14	25.8	3.66	13	1.72	23.86	30	Pass
Band4	1.4	1754.3	QPSK	1	HIGH	21.87	25.69	3.82	13	1.72	23.59	30	Pass
Band4	1.4	1754.3	16QAM	6	LOW	19.94	25.99	6.05	13	1.72	21.66	30	Pass
Band4	1.4	1754.3	16QAM	3	LOW	21.03	26.27	5.24	13	1.72	22.75	30	Pass
Band4	1.4	1754.3	16QAM	3	MID	21.06	26.26	5.2	13	1.72	22.78	30	Pass
Band4	1.4	1754.3	16QAM	3	HIGH	21.05	26.25	5.2	13	1.72	22.77	30	Pass
Band4	1.4	1754.3	16QAM	1	LOW	21.05	25.36	4.31	13	1.72	22.77	30	Pass
Band4	1.4	1754.3	16QAM	1	MID	21.24	25.46	4.22	13	1.72	22.96	30	Pass
Band4	1.4	1754.3	16QAM	1	HIGH	21.04	25.33	4.29	13	1.72	22.76	30	Pass
Band4	3	1711.5	QPSK	15	LOW	21.03	26.65	5.62	13	1.72	22.75	30	Pass
Band4	3	1711.5	QPSK	8	LOW	21.07	26.17	5.1	13	1.72	22.79	30	Pass
Band4	3	1711.5	QPSK	8	MID	21.1	26.14	5.04	13	1.72	22.82	30	Pass
Band4	3	1711.5	QPSK	8	HIGH	21.08	26.14	5.06	13	1.72	22.8	30	Pass
Band4	3	1711.5	QPSK	1	LOW	22.08	25.49	3.41	13	1.72	23.8	30	Pass
Band4	3	1711.5	QPSK	1	MID	22.16	25.5	3.34	13	1.72	23.88	30	Pass
Band4	3	1711.5	QPSK	1	HIGH	22.15	25.43	3.28	13	1.72	23.87	30	Pass
Band4	3	1711.5	16QAM	15	LOW	20.13	26.26	6.13	13	1.72	21.85	30	Pass
Band4	3	1711.5	16QAM	15	MID	20.15	26.33	6.18	13	1.72	21.87	30	Pass
Band4	3	1711.5	16QAM	15	HIGH	20.12	26.4	6.28	13	1.72	21.84	30	Pass
Band4	3	1711.5	16QAM	1	LOW	21.2	25.3	4.1	13	1.72	22.92	30	Pass
Band4	3	1711.5	16QAM	1	MID	21.25	25.31	4.06	13	1.72	22.97	30	Pass
Band4	3	1711.5	16QAM	1	HIGH	21.22	25.22	4	13	1.72	22.94	30	Pass
Band4	3	1732.5	QPSK	15	LOW	21.28	27.85	6.57	13	1.72	23	30	Pass
Band4	3	1732.5	QPSK	8	LOW	21.33	27.44	6.11	13	1.72	23.05	30	Pass
Band4	3	1732.5	QPSK	8	MID	21.31	27.29	5.98	13	1.72	23.03	30	Pass
Band4	3	1732.5	QPSK	8	HIGH	21.31	27.36	6.05	13	1.72	23.03	30	Pass
Band4	3	1732.5	QPSK	1	LOW	22.28	26.88	4.6	13	1.72	24	30	Pass
Band4	3	1732.5	QPSK	1	MID	22.25	26.96	4.71	13	1.72	23.97	30	Pass
Band4	3	1732.5	QPSK	1	HIGH	22.24	26.98	4.74	13	1.72	23.96	30	Pass
Band4	3	1732.5	16QAM	15	LOW	20.4	27.34	6.94	13	1.72	22.12	30	Pass
Band4	3	1732.5	16QAM	15	MID	20.44	27.53	7.09	13	1.72	22.16	30	Pass
Band4	3	1732.5	16QAM	15	HIGH	20.41	27.66	7.25	13	1.72	22.13	30	Pass
Band4	3	1732.5	16QAM	1	LOW	21.86	27.11	5.25	13	1.72	23.58	30	Pass
Band4	3	1732.5	16QAM	1	MID	21.92	27.25	5.33	13	1.72	23.64	30	Pass

Band4	3	1732.5	16QAM	1	HIGH	21.93	27.49	5.56	13	1.72	23.65	30	Pass
Band4	3	1753.5	QPSK	15	LOW	20.9	26.64	5.74	13	1.72	22.62	30	Pass
Band4	3	1753.5	QPSK	8	LOW	21.38	26.86	5.48	13	1.72	23.1	30	Pass
Band4	3	1753.5	QPSK	8	MID	20.93	26.5	5.57	13	1.72	22.65	30	Pass
Band4	3	1753.5	QPSK	8	HIGH	20.87	26.51	5.64	13	1.72	22.59	30	Pass
Band4	3	1753.5	QPSK	1	LOW	21.96	25.98	4.02	13	1.72	23.68	30	Pass
Band4	3	1753.5	QPSK	1	MID	21.9	25.98	4.08	13	1.72	23.62	30	Pass
Band4	3	1753.5	QPSK	1	HIGH	21.85	25.89	4.04	13	1.72	23.57	30	Pass
Band4	3	1753.5	16QAM	15	LOW	19.96	26.55	6.59	13	1.72	21.68	30	Pass
Band4	3	1753.5	16QAM	15	MID	19.95	26.43	6.48	13	1.72	21.67	30	Pass
Band4	3	1753.5	16QAM	15	HIGH	19.96	26.95	6.99	13	1.72	21.68	30	Pass
Band4	3	1753.5	16QAM	1	LOW	21.16	25.66	4.5	13	1.72	22.88	30	Pass
Band4	3	1753.5	16QAM	1	MID	21.08	25.61	4.53	13	1.72	22.8	30	Pass
Band4	3	1753.5	16QAM	1	HIGH	21.04	25.47	4.43	13	1.72	22.76	30	Pass
Band4	5	1712.5	QPSK	25	LOW	21.01	26.67	5.66	13	1.72	22.73	30	Pass
Band4	5	1712.5	QPSK	12	LOW	21	25.96	4.96	13	1.72	22.72	30	Pass
Band4	5	1712.5	QPSK	12	MID	21	26	5	13	1.72	22.72	30	Pass
Band4	5	1712.5	QPSK	12	HIGH	20.93	25.94	5.01	13	1.72	22.65	30	Pass
Band4	5	1712.5	QPSK	1	LOW	21.85	25.79	3.94	13	1.72	23.57	30	Pass
Band4	5	1712.5	QPSK	1	MID	22.06	25.74	3.68	13	1.72	23.78	30	Pass
Band4	5	1712.5	QPSK	1	HIGH	21.95	25.8	3.85	13	1.72	23.67	30	Pass
Band4	5	1712.5	16QAM	25	LOW	20.03	26.39	6.36	13	1.72	21.75	30	Pass
Band4	5	1712.5	16QAM	12	LOW	19.98	26.02	6.04	13	1.72	21.7	30	Pass
Band4	5	1712.5	16QAM	12	MID	20.01	25.89	5.88	13	1.72	21.73	30	Pass
Band4	5	1712.5	16QAM	12	HIGH	19.97	25.92	5.95	13	1.72	21.69	30	Pass
Band4	5	1712.5	16QAM	1	LOW	20.97	25.82	4.85	13	1.72	22.69	30	Pass
Band4	5	1712.5	16QAM	1	MID	21.12	25.79	4.67	13	1.72	22.84	30	Pass
Band4	5	1712.5	16QAM	1	HIGH	21.01	25.83	4.82	13	1.72	22.73	30	Pass
Band4	5	1732.5	QPSK	25	LOW	21.3	27.84	6.54	13	1.72	23.02	30	Pass
Band4	5	1732.5	QPSK	12	LOW	21.31	27.53	6.22	13	1.72	23.03	30	Pass
Band4	5	1732.5	QPSK	12	MID	21.26	27.31	6.05	13	1.72	22.98	30	Pass
Band4	5	1732.5	QPSK	12	HIGH	21.29	27.6	6.31	13	1.72	23.01	30	Pass
Band4	5	1732.5	QPSK	1	LOW	22.22	28.06	5.84	13	1.72	23.94	30	Pass
Band4	5	1732.5	QPSK	1	MID	22.4	28.23	5.83	13	1.72	24.12	30	Pass
Band4	5	1732.5	QPSK	1	HIGH	22.17	28.05	5.88	13	1.72	23.89	30	Pass
Band4	5	1732.5	16QAM	25	LOW	20.45	28.3	7.85	13	1.72	22.17	30	Pass
Band4	5	1732.5	16QAM	12	LOW	20.41	27.87	7.46	13	1.72	22.13	30	Pass
Band4	5	1732.5	16QAM	12	MID	20.39	27.82	7.43	13	1.72	22.11	30	Pass
Band4	5	1732.5	16QAM	12	HIGH	20.32	27.86	7.54	13	1.72	22.04	30	Pass
Band4	5	1732.5	16QAM	1	LOW	21.35	27.05	5.7	13	1.72	23.07	30	Pass
Band4	5	1732.5	16QAM	1	MID	21.48	27.1	5.62	13	1.72	23.2	30	Pass
Band4	5	1732.5	16QAM	1	HIGH	21.34	27	5.66	13	1.72	23.06	30	Pass
Band4	5	1752.5	QPSK	25	LOW	21.03	27	5.97	13	1.72	22.75	30	Pass
Band4	5	1752.5	QPSK	12	LOW	20.97	26.33	5.36	13	1.72	22.69	30	Pass
Band4	5	1752.5	QPSK	12	MID	20.98	26.59	5.61	13	1.72	22.7	30	Pass
Band4	5	1752.5	QPSK	12	HIGH	20.89	26.27	5.38	13	1.72	22.61	30	Pass
Band4	5	1752.5	QPSK	1	LOW	21.96	26.1	4.14	13	1.72	23.68	30	Pass

Band4	5	1752.5	QPSK	1	MID	22.08	25.99	3.91	13	1.72	23.8	30	Pass
Band4	5	1752.5	QPSK	1	HIGH	21.8	25.84	4.04	13	1.72	23.52	30	Pass
Band4	5	1752.5	16QAM	25	LOW	19.91	27.37	7.46	13	1.72	21.63	30	Pass
Band4	5	1752.5	16QAM	12	LOW	20.09	26.21	6.12	13	1.72	21.81	30	Pass
Band4	5	1752.5	16QAM	12	MID	20	26.13	6.13	13	1.72	21.72	30	Pass
Band4	5	1752.5	16QAM	12	HIGH	19.98	26	6.02	13	1.72	21.7	30	Pass
Band4	5	1752.5	16QAM	1	LOW	20.98	26.18	5.2	13	1.72	22.7	30	Pass
Band4	5	1752.5	16QAM	1	MID	21.04	26.4	5.36	13	1.72	22.76	30	Pass
Band4	5	1752.5	16QAM	1	HIGH	20.79	26.27	5.48	13	1.72	22.51	30	Pass
Band4	10	1715	QPSK	50	LOW	21.33	27.87	6.54	13	1.72	23.05	30	Pass
Band4	10	1715	QPSK	25	LOW	21.31	27.98	6.67	13	1.72	23.03	30	Pass
Band4	10	1715	QPSK	25	MID	21.33	27.84	6.51	13	1.72	23.05	30	Pass
Band4	10	1715	QPSK	25	HIGH	21.26	28.2	6.94	13	1.72	22.98	30	Pass
Band4	10	1715	QPSK	1	LOW	21.28	27.72	6.44	13	1.72	23	30	Pass
Band4	10	1715	QPSK	1	MID	22.36	26.11	3.75	13	1.72	24.08	30	Pass
Band4	10	1715	QPSK	1	HIGH	22.02	26.36	4.34	13	1.72	23.74	30	Pass
Band4	10	1715	16QAM	12	LOW	21.16	26.28	5.12	13	1.72	22.88	30	Pass
Band4	10	1715	16QAM	6	LOW	21.21	27.89	6.68	13	1.72	22.93	30	Pass
Band4	10	1715	16QAM	6	MID	21.26	27.92	6.66	13	1.72	22.98	30	Pass
Band4	10	1715	16QAM	6	HIGH	21.24	28.06	6.82	13	1.72	22.96	30	Pass
Band4	10	1715	16QAM	1	LOW	21.28	25.69	4.41	13	1.72	23	30	Pass
Band4	10	1715	16QAM	1	MID	21.48	25.79	4.31	13	1.72	23.2	30	Pass
Band4	10	1715	16QAM	1	HIGH	21.4	26.94	5.54	13	1.72	23.12	30	Pass
Band4	10	1732.5	QPSK	50	LOW	21.42	27.75	6.33	13	1.72	23.14	30	Pass
Band4	10	1732.5	QPSK	25	LOW	21.41	28.07	6.66	13	1.72	23.13	30	Pass
Band4	10	1732.5	QPSK	25	MID	21.39	28.25	6.86	13	1.72	23.11	30	Pass
Band4	10	1732.5	QPSK	25	HIGH	21.4	28.21	6.81	13	1.72	23.12	30	Pass
Band4	10	1732.5	QPSK	1	LOW	22.24	27.46	5.22	13	1.72	23.96	30	Pass
Band4	10	1732.5	QPSK	1	MID	22.5	27.7	5.2	13	1.72	24.22	30	Pass
Band4	10	1732.5	QPSK	1	HIGH	22.21	27.51	5.3	13	1.72	23.93	30	Pass
Band4	10	1732.5	16QAM	12	LOW	21.51	28.13	6.62	13	1.72	23.23	30	Pass
Band4	10	1732.5	16QAM	6	LOW	21.31	28.03	6.72	13	1.72	23.03	30	Pass
Band4	10	1732.5	16QAM	6	MID	21.36	28.02	6.66	13	1.72	23.08	30	Pass
Band4	10	1732.5	16QAM	6	HIGH	21.5	26.98	5.48	13	1.72	23.22	30	Pass
Band4	10	1732.5	16QAM	1	LOW	21.5	26.98	5.48	13	1.72	23.22	30	Pass
Band4	10	1732.5	16QAM	1	MID	21.55	27.01	5.46	13	1.72	23.27	30	Pass
Band4	10	1732.5	16QAM	1	HIGH	21.54	27.1	5.56	13	1.72	23.26	30	Pass
Band4	10	1750	QPSK	50	LOW	20.98	27.14	6.16	13	1.72	22.7	30	Pass
Band4	10	1750	QPSK	25	LOW	21.22	27.49	6.27	13	1.72	22.94	30	Pass
Band4	10	1750	QPSK	25	MID	21.05	27.27	6.22	13	1.72	22.77	30	Pass
Band4	10	1750	QPSK	25	HIGH	20.95	26.85	5.9	13	1.72	22.67	30	Pass
Band4	10	1750	QPSK	1	LOW	21.04	27	5.96	13	1.72	22.76	30	Pass
Band4	10	1750	QPSK	1	MID	22.17	26.63	4.46	13	1.72	23.89	30	Pass
Band4	10	1750	QPSK	1	HIGH	22.24	27.61	5.37	13	1.72	23.96	30	Pass
Band4	10	1750	16QAM	12	LOW	21.2	27.29	6.09	13	1.72	22.92	30	Pass
Band4	10	1750	16QAM	6	LOW	22.09	27.25	5.16	13	1.72	23.81	30	Pass
Band4	10	1750	16QAM	6	MID	22.11	27.21	5.1	13	1.72	23.83	30	Pass

Band4	10	1750	16QAM	6	HIGH	20.89	26.57	5.68	13	1.72	22.61	30	Pass
Band4	10	1750	16QAM	1	LOW	21.56	27.01	5.45	13	1.72	23.28	30	Pass
Band4	10	1750	16QAM	1	MID	21.49	26.24	4.75	13	1.72	23.21	30	Pass
Band4	10	1750	16QAM	1	HIGH	21.54	27	5.46	13	1.72	23.26	30	Pass
Band4	15	1717.5	QPSK	75	LOW	21.2	27.55	6.35	13	1.72	22.92	30	Pass
Band4	15	1717.5	QPSK	38	LOW	21.26	28.29	7.03	13	1.72	22.98	30	Pass
Band4	15	1717.5	QPSK	38	MID	21.21	28.3	7.09	13	1.72	22.93	30	Pass
Band4	15	1717.5	QPSK	38	HIGH	21.15	27.6	6.45	13	1.72	22.87	30	Pass
Band4	15	1717.5	QPSK	1	LOW	21.98	25.9	3.92	13	1.72	23.7	30	Pass
Band4	15	1717.5	QPSK	1	MID	22.08	26.26	4.18	13	1.72	23.8	30	Pass
Band4	15	1717.5	QPSK	1	HIGH	22.06	27.23	5.17	13	1.72	23.78	30	Pass
Band4	15	1717.5	16QAM	27	LOW	20.1	26.38	6.28	13	1.72	21.82	30	Pass
Band4	15	1717.5	16QAM	15	LOW	21.13	27.79	6.66	13	1.72	22.85	30	Pass
Band4	15	1717.5	16QAM	15	MID	21.07	27.77	6.7	13	1.72	22.79	30	Pass
Band4	15	1717.5	16QAM	15	HIGH	21.08	27.3	6.22	13	1.72	22.8	30	Pass
Band4	15	1717.5	16QAM	1	LOW	21.41	25.61	4.2	13	1.72	23.13	30	Pass
Band4	15	1717.5	16QAM	1	MID	21.83	27.07	5.24	13	1.72	23.55	30	Pass
Band4	15	1717.5	16QAM	1	HIGH	21.71	26.88	5.17	13	1.72	23.43	30	Pass
Band4	15	1732.5	QPSK	75	LOW	21.31	28.03	6.72	13	1.72	23.03	30	Pass
Band4	15	1732.5	QPSK	38	LOW	21.33	28.36	7.03	13	1.72	23.05	30	Pass
Band4	15	1732.5	QPSK	38	MID	21.29	28.56	7.27	13	1.72	23.01	30	Pass
Band4	15	1732.5	QPSK	38	HIGH	21.34	28.41	7.07	13	1.72	23.06	30	Pass
Band4	15	1732.5	QPSK	1	LOW	21.34	28.32	6.98	13	1.72	23.06	30	Pass
Band4	15	1732.5	QPSK	1	MID	22.13	27.29	5.16	13	1.72	23.85	30	Pass
Band4	15	1732.5	QPSK	1	HIGH	22.13	27.29	5.16	13	1.72	23.85	30	Pass
Band4	15	1732.5	16QAM	27	LOW	20.35	28.07	7.72	13	1.72	22.07	30	Pass
Band4	15	1732.5	16QAM	15	LOW	21.25	28.02	6.77	13	1.72	22.97	30	Pass
Band4	15	1732.5	16QAM	15	MID	21.3	28.04	6.74	13	1.72	23.02	30	Pass
Band4	15	1732.5	16QAM	15	HIGH	21.32	28.06	6.74	13	1.72	23.04	30	Pass
Band4	15	1732.5	16QAM	1	LOW	21.94	26.93	4.99	13	1.72	23.66	30	Pass
Band4	15	1732.5	16QAM	1	MID	22.07	27.17	5.1	13	1.72	23.79	30	Pass
Band4	15	1732.5	16QAM	1	HIGH	21.9	26.9	5	13	1.72	23.62	30	Pass
Band4	15	1747.5	QPSK	75	LOW	21.19	27.73	6.54	13	1.72	22.91	30	Pass
Band4	15	1747.5	QPSK	38	LOW	21.18	27.74	6.56	13	1.72	22.9	30	Pass
Band4	15	1747.5	QPSK	38	MID	21.15	27.73	6.58	13	1.72	22.87	30	Pass
Band4	15	1747.5	QPSK	38	HIGH	21.19	27.81	6.62	13	1.72	22.91	30	Pass
Band4	15	1747.5	QPSK	1	LOW	22.14	26.81	4.67	13	1.72	23.86	30	Pass
Band4	15	1747.5	QPSK	1	MID	22.11	26.2	4.09	13	1.72	23.83	30	Pass
Band4	15	1747.5	QPSK	1	HIGH	21.86	25.72	3.86	13	1.72	23.58	30	Pass
Band4	15	1747.5	16QAM	27	LOW	20.16	27.08	6.92	13	1.72	21.88	30	Pass
Band4	15	1747.5	16QAM	15	LOW	21.3	27.86	6.56	13	1.72	23.02	30	Pass
Band4	15	1747.5	16QAM	15	MID	21.26	27.79	6.53	13	1.72	22.98	30	Pass
Band4	15	1747.5	16QAM	15	HIGH	20.99	26.56	5.57	13	1.72	22.71	30	Pass
Band4	15	1747.5	16QAM	1	LOW	21.86	27.31	5.45	13	1.72	23.58	30	Pass
Band4	15	1747.5	16QAM	1	MID	21.75	26.67	4.92	13	1.72	23.47	30	Pass
Band4	15	1747.5	16QAM	1	HIGH	21.4	26.17	4.77	13	1.72	23.12	30	Pass
Band4	20	1720	QPSK	100	LOW	21.19	27.51	6.32	13	1.72	22.91	30	Pass

Band4	20	1720	QPSK	50	LOW	21.25	26.55	5.3	13	1.72	22.97	30	Pass
Band4	20	1720	QPSK	50	MID	21.27	26.55	5.28	13	1.72	22.99	30	Pass
Band4	20	1720	QPSK	50	HIGH	21.21	27.39	6.18	13	1.72	22.93	30	Pass
Band4	20	1720	QPSK	1	LOW	21.98	25.5	3.52	13	1.72	23.7	30	Pass
Band4	20	1720	QPSK	1	MID	22.68	26.55	3.87	13	1.72	24.4	30	Pass
Band4	20	1720	QPSK	1	HIGH	21.62	28.3	6.68	13	1.72	23.34	30	Pass
Band4	20	1720	16QAM	27	LOW	21.62	28.3	6.68	13	1.72	23.34	30	Pass
Band4	20	1720	16QAM	15	LOW	22.68	28.06	5.38	13	1.72	24.4	30	Pass
Band4	20	1720	16QAM	15	MID	22.75	28.1	5.35	13	1.72	24.47	30	Pass
Band4	20	1720	16QAM	15	HIGH	23.39	28.52	5.13	13	1.72	25.11	30	Pass
Band4	20	1720	16QAM	1	LOW	23.14	27.93	4.79	13	1.72	24.86	30	Pass
Band4	20	1720	16QAM	1	MID	23.74	28.88	5.14	13	1.72	25.46	30	Pass
Band4	20	1720	16QAM	1	HIGH	23.84	28.41	4.57	13	1.72	25.56	30	Pass
Band4	20	1732.5	QPSK	100	LOW	23.42	28.75	5.33	13	1.72	25.14	30	Pass