

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



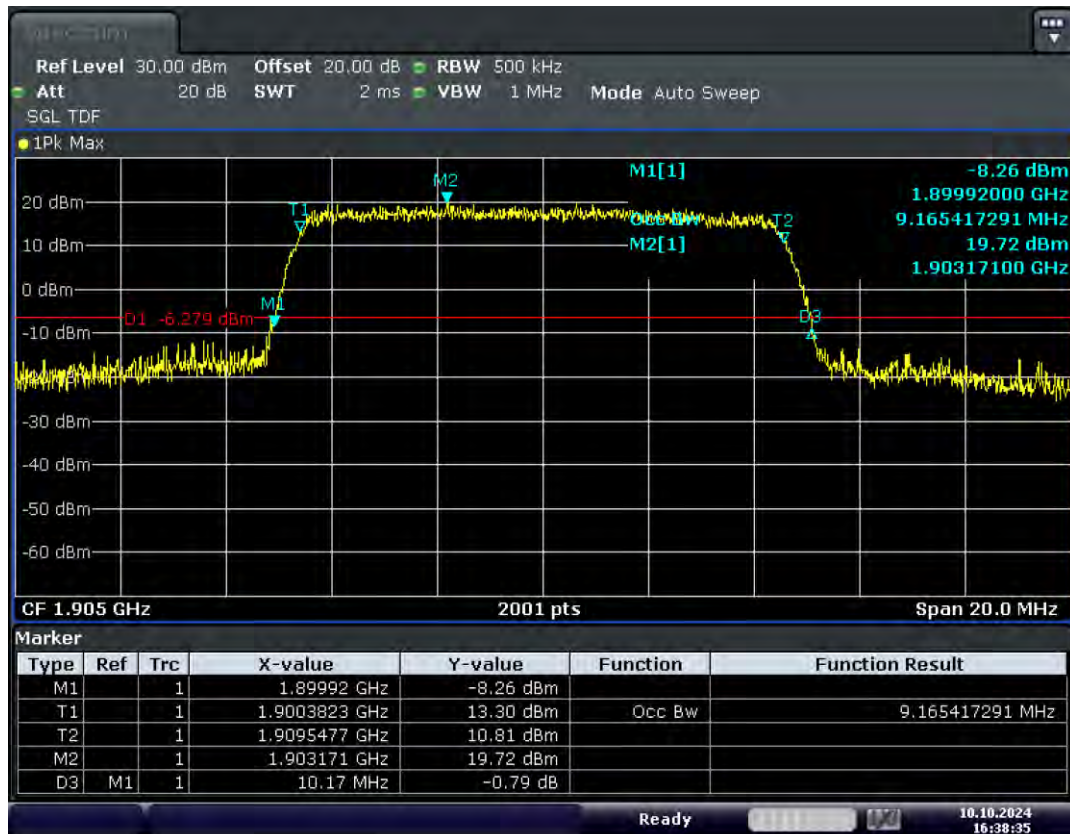
Band2-10-1880-QPSK-50#LOW@26dB and 99PCT Bandwidth



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



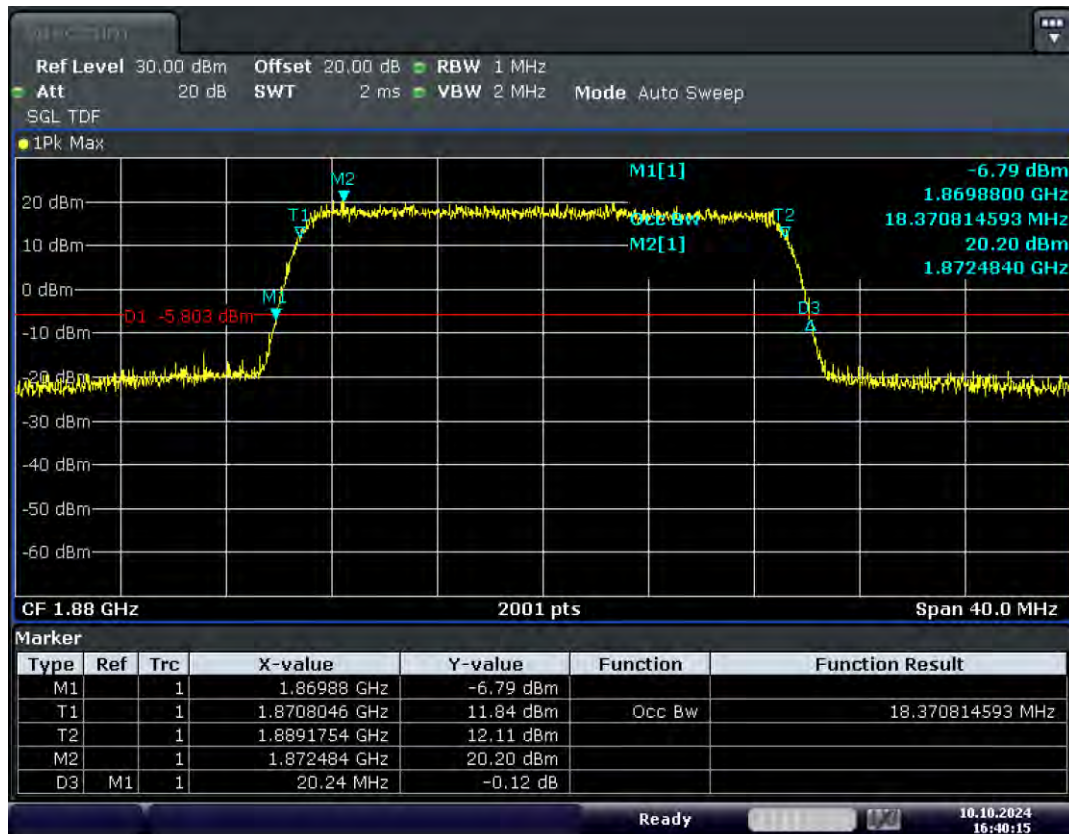
Band2-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



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



Ref Level 30.00 dBm Offset 20.00 dB RBW 1 MHz
 Att 20 dB SWT 2 ms VBW 2 MHz Mode Auto Sweep
 SGL TDF
 1Pk Max

20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm

D1 -5.306 dBm
 M1
 T1
 M2
 M1[1]
 Occ Bw
 M2[1]
 T2
 D3

-6.34 dBm
 1.8897800 GHz
 18.310844578 MHz
 20.69 dBm
 1.9020590 GHz

CF 1.9 GHz 2001 pts Span 40.0 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	1.88978 GHz	-6.34 dBm		
T1			1	1.8908446 GHz	12.94 dBm	Occ Bw	18.310844578 MHz
M2			1	1.9091554 GHz	13.35 dBm		
M2			1	1.902059 GHz	20.69 dBm		
D3	M1		1	20.32 MHz	0.16 dB		

Ready 10.10.2024 16:40:35

Ref Level 30.00 dBm **Offset** 20.00 dB **RBW** 1 MHz
Att 20 dB **SWT** 2 ms **VBW** 2 MHz **Mode** Auto Sweep
 SGL TDF
 1Pk Max

Marker Data:

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	1.8898 GHz	-3.76 dBm		
T1			1	1.8904648 GHz	10.58 dBm	Occ Bw	5.957021489 MHz
M2			1	1.8964218 GHz	12.88 dBm		
M2			1	1.895442 GHz	23.35 dBm		
D3	M1		1	7.32 MHz	-0.23 dB		

CF 1.9 GHz **2001 pts** **Span 40.0 MHz**

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	0.0635	PASS
40	Normal Voltage	0.0347	
30	Normal Voltage	0.0191	
20(Ref.)	Normal Voltage	0.0280	
10	Normal Voltage	0.0595	
0	Normal Voltage	0.0192	
-10	Normal Voltage	0.0437	
-20	Normal Voltage	0.0382	
-30	Normal Voltage	0.0189	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0294	
20	Battery End Point	0.0594	

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	23.02	29.95	6.93	13	1.75	24.77	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	24.74	30.19	5.45	13	1.75	26.49	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	24.63	30.2	5.57	13	1.75	26.38	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	24.67	30.33	5.66	13	1.75	26.42	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	24.75	29.56	4.81	13	1.75	26.5	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	24.68	29.86	5.18	13	1.75	26.43	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	24.79	29.92	5.13	13	1.75	26.54	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	22.31	30.17	7.86	13	1.75	24.06	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	23.31	29.48	6.17	13	1.75	25.06	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	23.4	29.85	6.45	13	1.75	25.15	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	23.4	29.99	6.59	13	1.75	25.15	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	23.72	28.67	4.95	13	1.75	25.47	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	23.45	28.75	5.3	13	1.75	25.2	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	23.64	29.32	5.68	13	1.75	25.39	33	Pass
Band2	1.4	1880	QPSK	6	LOW	22.64	28.45	5.81	13	1.75	24.39	33	Pass
Band2	1.4	1880	QPSK	3	LOW	23.85	29.26	5.41	13	1.75	25.6	33	Pass
Band2	1.4	1880	QPSK	3	MID	24.08	29	4.92	13	1.75	25.83	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	23.8	28.67	4.87	13	1.75	25.55	33	Pass
Band2	1.4	1880	QPSK	1	LOW	23.65	28.73	5.08	13	1.75	25.4	33	Pass
Band2	1.4	1880	QPSK	1	MID	24.11	28.73	4.62	13	1.75	25.86	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	23.82	28.87	5.05	13	1.75	25.57	33	Pass
Band2	1.4	1880	16QAM	6	LOW	22.13	29.38	7.25	13	1.75	23.88	33	Pass
Band2	1.4	1880	16QAM	3	LOW	22.97	28.53	5.56	13	1.75	24.72	33	Pass
Band2	1.4	1880	16QAM	3	MID	22.99	29.16	6.17	13	1.75	24.74	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	22.76	28.98	6.22	13	1.75	24.51	33	Pass
Band2	1.4	1880	16QAM	1	LOW	23.14	28.07	4.93	13	1.75	24.89	33	Pass

			M										
Band2	1.4	1880	16QA M	1	MID	23.3	28.31	5.01	13	1.75	25.05	33	Pass
Band2	1.4	1880	16QA M	1	HIGH	23.36	28.79	5.43	13	1.75	25.11	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	22.26	28.51	6.25	13	1.75	24.01	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	23.24	28.57	5.33	13	1.75	24.99	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	23.07	27.53	4.46	13	1.75	24.82	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	23.06	27.92	4.86	13	1.75	24.81	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	23.08	28.12	5.04	13	1.75	24.83	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	22.99	27.96	4.97	13	1.75	24.74	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	23.11	27.86	4.75	13	1.75	24.86	33	Pass
Band2	1.4	1909.3	16QA M	6	LOW	21.26	28.31	7.05	13	1.75	23.01	33	Pass
Band2	1.4	1909.3	16QA M	3	LOW	22.54	27.64	5.1	13	1.75	24.29	33	Pass
Band2	1.4	1909.3	16QA M	3	MID	22.3	27.16	4.86	13	1.75	24.05	33	Pass
Band2	1.4	1909.3	16QA M	3	HIGH	22.98	28.93	5.95	13	1.75	24.73	33	Pass
Band2	1.4	1909.3	16QA M	1	LOW	23.05	28.45	5.4	13	1.75	24.8	33	Pass
Band2	1.4	1909.3	16QA M	1	MID	22.34	27.61	5.27	13	1.75	24.09	33	Pass
Band2	1.4	1909.3	16QA M	1	HIGH	22.46	27.63	5.17	13	1.75	24.21	33	Pass
Band2	3	1851.5	QPSK	15	LOW	23.18	29.82	6.64	13	1.75	24.93	33	Pass
Band2	3	1851.5	QPSK	8	LOW	23.43	29.06	5.63	13	1.75	25.18	33	Pass
Band2	3	1851.5	QPSK	8	MID	23.28	29.72	6.44	13	1.75	25.03	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	23.6	29.54	5.94	13	1.75	25.35	33	Pass
Band2	3	1851.5	QPSK	1	LOW	23.86	28.32	4.46	13	1.75	25.61	33	Pass
Band2	3	1851.5	QPSK	1	MID	25.13	29.61	4.48	13	1.75	26.88	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	23.65	28.41	4.76	13	1.75	25.4	33	Pass
Band2	3	1851.5	16QA M	15	LOW	22.32	29.84	7.52	13	1.75	24.07	33	Pass
Band2	3	1851.5	16QA M	12	LOW	22.41	29.58	7.17	13	1.75	24.16	33	Pass
Band2	3	1851.5	16QA M	12	MID	21.87	28.02	6.15	13	1.75	23.62	33	Pass
Band2	3	1851.5	16QA M	12	HIGH	22.21	28.81	6.6	13	1.75	23.96	33	Pass
Band2	3	1851.5	16QA M	1	LOW	23.48	28.39	4.91	13	1.75	25.23	33	Pass
Band2	3	1851.5	16QA M	1	MID	23.26	28.16	4.9	13	1.75	25.01	33	Pass
Band2	3	1851.5	16QA M	1	HIGH	23.47	28.97	5.5	13	1.75	25.22	33	Pass

Band2	3	1880	QPSK	15	LOW	22.91	28.2	5.29	13	1.75	24.66	33	Pass
Band2	3	1880	QPSK	8	LOW	23.12	28.76	5.64	13	1.75	24.87	33	Pass
Band2	3	1880	QPSK	8	MID	23.95	28.54	4.59	13	1.75	25.7	33	Pass
Band2	3	1880	QPSK	8	HIGH	22.84	29.03	6.19	13	1.75	24.59	33	Pass
Band2	3	1880	QPSK	1	LOW	23.78	28.06	4.28	13	1.75	25.53	33	Pass
Band2	3	1880	QPSK	1	MID	24.05	28.04	3.99	13	1.75	25.8	33	Pass
Band2	3	1880	QPSK	1	HIGH	24.05	28.27	4.22	13	1.75	25.8	33	Pass
Band2	3	1880	16QA M	15	LOW	22.17	29.32	7.15	13	1.75	23.92	33	Pass
Band2	3	1880	16QA M	12	LOW	21.95	28.6	6.65	13	1.75	23.7	33	Pass
Band2	3	1880	16QA M	12	MID	22.15	28.33	6.18	13	1.75	23.9	33	Pass
Band2	3	1880	16QA M	12	HIGH	21.98	28.55	6.57	13	1.75	23.73	33	Pass
Band2	3	1880	16QA M	1	LOW	23.09	28.48	5.39	13	1.75	24.84	33	Pass
Band2	3	1880	16QA M	1	MID	23.26	28.18	4.92	13	1.75	25.01	33	Pass
Band2	3	1880	16QA M	1	HIGH	23.42	28.81	5.39	13	1.75	25.17	33	Pass
Band2	3	1908.5	QPSK	15	LOW	23.04	29.56	6.52	13	1.75	24.79	33	Pass
Band2	3	1908.5	QPSK	8	LOW	22.87	28.66	5.79	13	1.75	24.62	33	Pass
Band2	3	1908.5	QPSK	8	MID	22.62	28.51	5.89	13	1.75	24.37	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	22.35	28.61	6.26	13	1.75	24.1	33	Pass
Band2	3	1908.5	QPSK	1	LOW	23.45	28.06	4.61	13	1.75	25.2	33	Pass
Band2	3	1908.5	QPSK	1	MID	23.28	27.87	4.59	13	1.75	25.03	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	22.79	28.95	6.16	13	1.75	24.54	33	Pass
Band2	3	1908.5	16QA M	15	LOW	21.72	28.47	6.75	13	1.75	23.47	33	Pass
Band2	3	1908.5	16QA M	12	LOW	21.47	27.96	6.49	13	1.75	23.22	33	Pass
Band2	3	1908.5	16QA M	12	MID	21.6	28.11	6.51	13	1.75	23.35	33	Pass
Band2	3	1908.5	16QA M	12	HIGH	21.81	27.75	5.94	13	1.75	23.56	33	Pass
Band2	3	1908.5	16QA M	1	LOW	22.55	27.24	4.69	13	1.75	24.3	33	Pass
Band2	3	1908.5	16QA M	1	MID	22.41	26.73	4.32	13	1.75	24.16	33	Pass
Band2	3	1908.5	16QA M	1	HIGH	22.42	26.91	4.49	13	1.75	24.17	33	Pass
Band2	5	1852.5	QPSK	25	LOW	22.79	29.43	6.64	13	1.75	24.54	33	Pass
Band2	5	1852.5	QPSK	12	LOW	22.79	28.83	6.04	13	1.75	24.54	33	Pass
Band2	5	1852.5	QPSK	12	MID	23.1	28.57	5.47	13	1.75	24.85	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	22.57	29.14	6.57	13	1.75	24.32	33	Pass
Band2	5	1852.5	QPSK	1	LOW	23.94	28.55	4.61	13	1.75	25.69	33	Pass

Band2	5	1852.5	QPSK	1	MID	24.48	29.38	4.9	13	1.75	26.23	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	22.83	28.83	6	13	1.75	24.58	33	Pass
Band2	5	1852.5	16QA M	25	LOW	21.82	30.11	8.29	13	1.75	23.57	33	Pass
Band2	5	1852.5	16QA M	12	LOW	21.72	28.35	6.63	13	1.75	23.47	33	Pass
Band2	5	1852.5	16QA M	12	MID	21.63	27.91	6.28	13	1.75	23.38	33	Pass
Band2	5	1852.5	16QA M	12	HIGH	21.88	28.99	7.11	13	1.75	23.63	33	Pass
Band2	5	1852.5	16QA M	1	LOW	23.12	29.32	6.2	13	1.75	24.87	33	Pass
Band2	5	1852.5	16QA M	1	MID	23.28	29.39	6.11	13	1.75	25.03	33	Pass
Band2	5	1852.5	16QA M	1	HIGH	23.03	29.1	6.07	13	1.75	24.78	33	Pass
Band2	5	1880	QPSK	25	LOW	22.77	29.31	6.54	13	1.75	24.52	33	Pass
Band2	5	1880	QPSK	12	LOW	22.62	28.32	5.7	13	1.75	24.37	33	Pass
Band2	5	1880	QPSK	12	MID	22.76	28.25	5.49	13	1.75	24.51	33	Pass
Band2	5	1880	QPSK	12	HIGH	22.75	28.35	5.6	13	1.75	24.5	33	Pass
Band2	5	1880	QPSK	1	LOW	23.67	27.69	4.02	13	1.75	25.42	33	Pass
Band2	5	1880	QPSK	1	MID	23.96	28.89	4.93	13	1.75	25.71	33	Pass
Band2	5	1880	QPSK	1	HIGH	23.96	28.46	4.5	13	1.75	25.71	33	Pass
Band2	5	1880	16QA M	25	LOW	21.61	28.53	6.92	13	1.75	23.36	33	Pass
Band2	5	1880	16QA M	12	LOW	21.86	28.72	6.86	13	1.75	23.61	33	Pass
Band2	5	1880	16QA M	12	MID	21.76	28.58	6.82	13	1.75	23.51	33	Pass
Band2	5	1880	16QA M	12	HIGH	21.56	28.3	6.74	13	1.75	23.31	33	Pass
Band2	5	1880	16QA M	1	LOW	23.05	28.59	5.54	13	1.75	24.8	33	Pass
Band2	5	1880	16QA M	1	MID	22.97	28.28	5.31	13	1.75	24.72	33	Pass
Band2	5	1880	16QA M	1	HIGH	23	28.33	5.33	13	1.75	24.75	33	Pass
Band2	5	1907.5	QPSK	25	LOW	22.37	28.24	5.87	13	1.75	24.12	33	Pass
Band2	5	1907.5	QPSK	12	LOW	22.67	28.3	5.63	13	1.75	24.42	33	Pass
Band2	5	1907.5	QPSK	12	MID	22.93	27.96	5.03	13	1.75	24.68	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	22.35	27.97	5.62	13	1.75	24.1	33	Pass
Band2	5	1907.5	QPSK	1	LOW	23.8	27.98	4.18	13	1.75	25.55	33	Pass
Band2	5	1907.5	QPSK	1	MID	23.39	27.18	3.79	13	1.75	25.14	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	22.98	27.94	4.96	13	1.75	24.73	33	Pass
Band2	5	1907.5	16QA M	25	LOW	21.48	28.22	6.74	13	1.75	23.23	33	Pass
Band2	5	1907.5	16QA	12	LOW	22.03	27.64	5.61	13	1.75	23.78	33	Pass

			M										
Band2	5	1907.5	16QA M	12	MID	22	28.08	6.08	13	1.75	23.75	33	Pass
Band2	5	1907.5	16QA M	12	HIGH	21.61	27.81	6.2	13	1.75	23.36	33	Pass
Band2	5	1907.5	16QA M	1	LOW	23.11	27.88	4.77	13	1.75	24.86	33	Pass
Band2	5	1907.5	16QA M	1	MID	22.52	27.25	4.73	13	1.75	24.27	33	Pass
Band2	5	1907.5	16QA M	1	HIGH	22.33	27.75	5.42	13	1.75	24.08	33	Pass
Band2	10	1855	QPSK	50	LOW	22.6	28.76	6.16	13	1.75	24.35	33	Pass
Band2	10	1855	QPSK	25	LOW	22.66	29.49	6.83	13	1.75	24.41	33	Pass
Band2	10	1855	QPSK	25	MID	22.4	28.1	5.7	13	1.75	24.15	33	Pass
Band2	10	1855	QPSK	25	HIGH	22.56	28.25	5.69	13	1.75	24.31	33	Pass
Band2	10	1855	QPSK	1	LOW	23.86	27.86	4	13	1.75	25.61	33	Pass
Band2	10	1855	QPSK	1	MID	24.34	29.25	4.91	13	1.75	26.09	33	Pass
Band2	10	1855	QPSK	1	HIGH	24.32	28.08	3.76	13	1.75	26.07	33	Pass
Band2	10	1855	16QA M	27	LOW	21.29	27.39	6.1	13	1.75	23.04	33	Pass
Band2	10	1855	16QA M	15	LOW	21.68	29.17	7.49	13	1.75	23.43	33	Pass
Band2	10	1855	16QA M	15	MID	21.59	27.75	6.16	13	1.75	23.34	33	Pass
Band2	10	1855	16QA M	15	HIGH	21.68	29.02	7.34	13	1.75	23.43	33	Pass
Band2	10	1855	16QA M	1	LOW	23.44	28.14	4.7	13	1.75	25.19	33	Pass
Band2	10	1855	16QA M	1	MID	22.87	27.84	4.97	13	1.75	24.62	33	Pass
Band2	10	1855	16QA M	1	HIGH	23.14	27.78	4.64	13	1.75	24.89	33	Pass
Band2	10	1880	QPSK	50	LOW	22.77	28.91	6.14	13	1.75	24.52	33	Pass
Band2	10	1880	QPSK	25	LOW	22.42	28.23	5.81	13	1.75	24.17	33	Pass
Band2	10	1880	QPSK	25	MID	22.4	28.45	6.05	13	1.75	24.15	33	Pass
Band2	10	1880	QPSK	25	HIGH	22.37	28.12	5.75	13	1.75	24.12	33	Pass
Band2	10	1880	QPSK	1	LOW	23.87	27.51	3.64	13	1.75	25.62	33	Pass
Band2	10	1880	QPSK	1	MID	23.71	28.56	4.85	13	1.75	25.46	33	Pass
Band2	10	1880	QPSK	1	HIGH	24.07	29.05	4.98	13	1.75	25.82	33	Pass
Band2	10	1880	16QA M	27	LOW	21.65	28.33	6.68	13	1.75	23.4	33	Pass
Band2	10	1880	16QA M	15	LOW	21.57	27.53	5.96	13	1.75	23.32	33	Pass
Band2	10	1880	16QA M	15	MID	21.34	27.58	6.24	13	1.75	23.09	33	Pass
Band2	10	1880	16QA M	15	HIGH	21.67	28.52	6.85	13	1.75	23.42	33	Pass

Band2	10	1880	16QA M	1	LOW	23.28	27.77	4.49	13	1.75	25.03	33	Pass
Band2	10	1880	16QA M	1	MID	23.21	28.27	5.06	13	1.75	24.96	33	Pass
Band2	10	1880	16QA M	1	HIGH	23.42	28.87	5.45	13	1.75	25.17	33	Pass
Band2	10	1905	QPSK	50	LOW	22.36	27.57	5.21	13	1.75	24.11	33	Pass
Band2	10	1905	QPSK	25	LOW	23.02	27.77	4.75	13	1.75	24.77	33	Pass
Band2	10	1905	QPSK	25	MID	23.02	28.41	5.39	13	1.75	24.77	33	Pass
Band2	10	1905	QPSK	25	HIGH	22.58	27.85	5.27	13	1.75	24.33	33	Pass
Band2	10	1905	QPSK	1	LOW	24.18	27.95	3.77	13	1.75	25.93	33	Pass
Band2	10	1905	QPSK	1	MID	23.91	27.96	4.05	13	1.75	25.66	33	Pass
Band2	10	1905	QPSK	1	HIGH	23.12	27.38	4.26	13	1.75	24.87	33	Pass
Band2	10	1905	16QA M	27	LOW	21.85	28.4	6.55	13	1.75	23.6	33	Pass
Band2	10	1905	16QA M	15	LOW	21.89	28.2	6.31	13	1.75	23.64	33	Pass
Band2	10	1905	16QA M	15	MID	22.13	27.76	5.63	13	1.75	23.88	33	Pass
Band2	10	1905	16QA M	15	HIGH	21.6	27.16	5.56	13	1.75	23.35	33	Pass
Band2	10	1905	16QA M	1	LOW	23.24	27.41	4.17	13	1.75	24.99	33	Pass
Band2	10	1905	16QA M	1	MID	22.99	27.01	4.02	13	1.75	24.74	33	Pass
Band2	10	1905	16QA M	1	HIGH	23.59	28.61	5.02	13	1.75	25.34	33	Pass
Band2	15	1857.5	QPSK	75	LOW	23.1	30.14	7.04	13	1.75	24.85	33	Pass
Band2	15	1857.5	QPSK	38	LOW	22.99	29.7	6.71	13	1.75	24.74	33	Pass
Band2	15	1857.5	QPSK	38	MID	23.14	29.73	6.59	13	1.75	24.89	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	23.1	29.61	6.51	13	1.75	24.85	33	Pass
Band2	15	1857.5	QPSK	1	LOW	24.45	29.27	4.82	13	1.75	26.2	33	Pass
Band2	15	1857.5	QPSK	1	MID	24.43	28.28	3.85	13	1.75	26.18	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	24.05	28.06	4.01	13	1.75	25.8	33	Pass
Band2	15	1857.5	16QA M	27	LOW	21.9	28.61	6.71	13	1.75	23.65	33	Pass
Band2	15	1857.5	16QA M	15	LOW	22.84	29.63	6.79	13	1.75	24.59	33	Pass
Band2	15	1857.5	16QA M	15	MID	22.97	29.06	6.09	13	1.75	24.72	33	Pass
Band2	15	1857.5	16QA M	15	HIGH	23.03	28.21	5.18	13	1.75	24.78	33	Pass
Band2	15	1857.5	16QA M	1	LOW	23.74	28.89	5.15	13	1.75	25.49	33	Pass
Band2	15	1857.5	16QA M	1	MID	23.48	28.5	5.02	13	1.75	25.23	33	Pass
Band2	15	1857.5	16QA	1	HIGH	23.51	27.95	4.44	13	1.75	25.26	33	Pass

			M										
Band2	15	1880	QPSK	75	LOW	22.49	28.86	6.37	13	1.75	24.24	33	Pass
Band2	15	1880	QPSK	38	HIGH	22.57	29.34	6.77	13	1.75	24.32	33	Pass
Band2	15	1880	QPSK	38	MID	22.38	28.46	6.08	13	1.75	24.13	33	Pass
Band2	15	1880	QPSK	1	LOW	23.59	27.96	4.37	13	1.75	25.34	33	Pass
Band2	15	1880	QPSK	1	MID	23.39	27.53	4.14	13	1.75	25.14	33	Pass
Band2	15	1880	QPSK	1	HIGH	24.16	28.52	4.36	13	1.75	25.91	33	Pass
Band2	15	1880	16QA M	27	LOW	21.48	27.88	6.4	13	1.75	23.23	33	Pass
Band2	15	1880	16QA M	15	LOW	22.91	28.2	5.29	13	1.75	24.66	33	Pass
Band2	15	1880	16QA M	15	MID	22.9	27.84	4.94	13	1.75	24.65	33	Pass
Band2	15	1880	16QA M	15	HIGH	22.99	28.64	5.65	13	1.75	24.74	33	Pass
Band2	15	1880	16QA M	1	LOW	23.35	27.82	4.47	13	1.75	25.1	33	Pass
Band2	15	1880	16QA M	1	MID	23.21	27.73	4.52	13	1.75	24.96	33	Pass
Band2	15	1880	16QA M	1	HIGH	23.79	29.37	5.58	13	1.75	25.54	33	Pass
Band2	15	1902.5	QPSK	75	LOW	22.88	29.05	6.17	13	1.75	24.63	33	Pass
Band2	15	1902.5	QPSK	38	LOW	23	28.92	5.92	13	1.75	24.75	33	Pass
Band2	15	1902.5	QPSK	38	MID	22.79	28.53	5.74	13	1.75	24.54	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	22.86	28.44	5.58	13	1.75	24.61	33	Pass
Band2	15	1902.5	QPSK	1	LOW	23.98	28.23	4.25	13	1.75	25.73	33	Pass
Band2	15	1902.5	QPSK	1	MID	24.01	27	2.99	13	1.75	25.76	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	23.39	27.21	3.82	13	1.75	25.14	33	Pass
Band2	15	1902.5	16QA M	27	LOW	22.07	28.29	6.22	13	1.75	23.82	33	Pass
Band2	15	1902.5	16QA M	15	LOW	23.06	28.8	5.74	13	1.75	24.81	33	Pass
Band2	15	1902.5	16QA M	15	MID	23.03	28.15	5.12	13	1.75	24.78	33	Pass
Band2	15	1902.5	16QA M	15	HIGH	22.29	27.35	5.06	13	1.75	24.04	33	Pass
Band2	15	1902.5	16QA M	1	LOW	23.65	28.47	4.82	13	1.75	25.4	33	Pass
Band2	15	1902.5	16QA M	1	MID	23.24	27.43	4.19	13	1.75	24.99	33	Pass
Band2	15	1902.5	16QA M	1	HIGH	23.1	27.13	4.03	13	1.75	24.85	33	Pass
Band2	20	1860	QPSK	100	LOW	22.97	29.21	6.24	13	1.75	24.72	33	Pass
Band2	20	1860	QPSK	50	LOW	22.91	29.43	6.52	13	1.75	24.66	33	Pass
Band2	20	1860	QPSK	50	MID	23.17	29.51	6.34	13	1.75	24.92	33	Pass
Band2	20	1860	QPSK	50	HIGH	22.98	28.18	5.2	13	1.75	24.73	33	Pass
Band2	20	1860	QPSK	1	LOW	24.68	28.9	4.22	13	1.75	26.43	33	Pass

Band2	20	1860	QPSK	1	MID	23.97	28.05	4.08	13	1.75	25.72	33	Pass
Band2	20	1860	QPSK	1	HIGH	23.43	27.65	4.22	13	1.75	25.18	33	Pass
Band2	20	1860	16QA M	27	LOW	21.72	28.57	6.85	13	1.75	23.47	33	Pass
Band2	20	1860	16QA M	15	LOW	23.41	29.81	6.4	13	1.75	25.16	33	Pass
Band2	20	1860	16QA M	15	MID	23	28.57	5.57	13	1.75	24.75	33	Pass
Band2	20	1860	16QA M	15	HIGH	22.6	27.42	4.82	13	1.75	24.35	33	Pass
Band2	20	1860	16QA M	1	LOW	24.02	29.42	5.4	13	1.75	25.77	33	Pass
Band2	20	1860	16QA M	1	MID	23.44	27.8	4.36	13	1.75	25.19	33	Pass
Band2	20	1860	16QA M	1	HIGH	23.39	28.18	4.79	13	1.75	25.14	33	Pass
Band2	20	1880	QPSK	100	LOW	22.66	28.81	6.15	13	1.75	24.41	33	Pass
Band2	20	1880	QPSK	50	LOW	22.61	27.89	5.28	13	1.75	24.36	33	Pass
Band2	20	1880	QPSK	50	MID	22.71	28.48	5.77	13	1.75	24.46	33	Pass
Band2	20	1880	QPSK	50	HIGH	22.82	28.89	6.07	13	1.75	24.57	33	Pass
Band2	20	1880	QPSK	1	LOW	23.7	28.24	4.54	13	1.75	25.45	33	Pass
Band2	20	1880	QPSK	1	MID	24.11	28.73	4.62	13	1.75	25.86	33	Pass
Band2	20	1880	QPSK	1	HIGH	24.48	29.5	5.02	13	1.75	26.23	33	Pass
Band2	20	1880	16QA M	27	LOW	22.02	28.04	6.02	13	1.75	23.77	33	Pass
Band2	20	1880	16QA M	15	LOW	22.83	28.41	5.58	13	1.75	24.58	33	Pass
Band2	20	1880	16QA M	15	MID	22.79	28.38	5.59	13	1.75	24.54	33	Pass
Band2	20	1880	16QA M	15	HIGH	23.13	28.56	5.43	13	1.75	24.88	33	Pass
Band2	20	1880	16QA M	1	LOW	23.14	28.11	4.97	13	1.75	24.89	33	Pass
Band2	20	1880	16QA M	1	MID	23.49	28.12	4.63	13	1.75	25.24	33	Pass
Band2	20	1880	16QA M	1	HIGH	23.78	28.92	5.14	13	1.75	25.53	33	Pass
Band2	20	1900	QPSK	100	LOW	23.1	29.33	6.23	13	1.75	24.85	33	Pass
Band2	20	1900	QPSK	50	LOW	23.39	29.54	6.15	13	1.75	25.14	33	Pass
Band2	20	1900	QPSK	50	MID	23.12	29.25	6.13	13	1.75	24.87	33	Pass
Band2	20	1900	QPSK	50	HIGH	23.06	28.06	5	13	1.75	24.81	33	Pass
Band2	20	1900	QPSK	1	LOW	24.51	29.35	4.84	13	1.75	26.26	33	Pass
Band2	20	1900	QPSK	1	MID	24.24	27.51	3.27	13	1.75	25.99	33	Pass
Band2	20	1900	QPSK	1	HIGH	23.28	27.89	4.61	13	1.75	25.03	33	Pass
Band2	20	1900	16QA M	27	LOW	22.05	28.62	6.57	13	1.75	23.8	33	Pass
Band2	20	1900	16QA	15	LOW	23.31	29.02	5.71	13	1.75	25.06	33	Pass

			M										
Band2	20	1900	16QA M	15	MID	23.13	28.98	5.85	13	1.75	24.88	33	Pass
Band2	20	1900	16QA M	15	HIGH	22.39	27.82	5.43	13	1.75	24.14	33	Pass
Band2	20	1900	16QA M	1	LOW	23.55	28.86	5.31	13	1.75	25.3	33	Pass
Band2	20	1900	16QA M	1	MID	23.82	28.06	4.24	13	1.75	25.57	33	Pass
Band2	20	1900	16QA M	1	HIGH	22.85	27.97	5.12	13	1.75	24.6	33	Pass