LTE Band 13 Test Data

Product Name : Tablet

Model Number : xTablet T1190

FCC ID : O86T1190

Applicant:	MobileDemand, L.C. 1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States
Manufacturer:	MobileDemand, L.C. No.88 East Qianjin Road, Kunshan city, Jiangsu province, China
Product Description:	Tablet
Trademark:	MobileDemand
Model Number:	xTablet T1190

Appendix A: RF POWER OUTPUT

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.89	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.04	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.05	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.88	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.90	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.92	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.94	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.91	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.99	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.04	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.92	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.91	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.90	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.90	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.01	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.11	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.95	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.93	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.98	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.01	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.01	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.90	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.06	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.99	PASS
Band13	5MHz	16QAM	23205	12RB#0	20.81	PASS
Band13	5MHz	16QAM	23205	12RB#6	20.84	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.94	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.96	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.02	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.12	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.14	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.09	PASS

Band13	5MHz	16QAM	23230	12RB#6	21.01	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.02	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.90	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.88	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.01	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.92	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.96	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.92	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.04	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.05	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.72	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.84	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.91	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.93	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.95	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.92	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.89	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.74	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.79	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.95	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.88	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.86	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.94	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.86	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.51	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.20	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.88	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.12	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.23	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.22	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	4.29	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.99	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	4.83	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.00	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.17	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.10	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.12	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.56	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.18	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.12	13	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0

Band13-5MHz-QPSK-23205-25RB#0

Band13-5MHz-QPSK-23230-1RB#0

Band13-5MHz-QPSK-23230-25RB#0

Band13-5MHz-QPSK-23255-1RB#0

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

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

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

Band13-5MHz-16QAM-23230-1RB#0

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

Band13-5MHz-16QAM-23255-1RB#0

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

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

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

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

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

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 782.000000 MHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Frequency
Center Frequency
782.000000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
19.67 dBm
42.46 % at 0 dB
10.0 % 3.13 dB
1.0 % 5.10 dB
0.1 % 6.12 dB
0.01 % 6.65 dB
0.001 % 7.02 dB
0.0001 % 7.23 dB
Peak 7.25 dB
26.92 dBm
2 Graph
Gaussian
0.00 dB
20.00 dB
Info BW 5.0000 MHz
Jan 05, 2021
2:17:45 PM

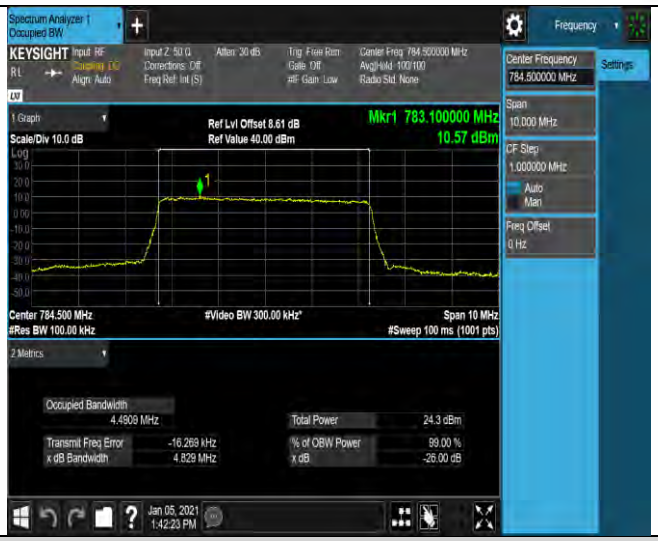
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5175	4.889	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4848	4.826	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4909	4.829	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5156	4.849	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4885	4.847	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4937	4.827	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9552	9.524	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9411	9.500	PASS

Test Graphs

Band13-5MHz-QPSK-23205-25RB#0-4.5175
Band13-5MHz-QPSK-23230-25RB#0-4.4848
Band13-5MHz-QPSK-23255-25RB#0-4.4909



Band13-5MHz-16QAM-23205-25RB#0-4.5156

Band13-5MHz-16QAM-23230-25RB#0-4.4885

Band13-5MHz-16QAM-23255-25RB#0-4.4937

Band13-10MHz-QPSK-23230-50RB#0-8.9552

Band13-10MHz-16QAM-23230-50RB#0-8.9411

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band13	5MHz	QPSK	23205	1RB#0	PASS
Band13	5MHz	QPSK	23205	1RB#24	PASS
Band13	5MHz	QPSK	23205	25RB#0	PASS
Band13	5MHz	QPSK	23255	1RB#0	PASS
Band13	5MHz	QPSK	23255	1RB#24	PASS
Band13	5MHz	QPSK	23255	25RB#0	PASS
Band13	5MHz	16QAM	23205	1RB#0	PASS
Band13	5MHz	16QAM	23205	1RB#24	PASS
Band13	5MHz	16QAM	23205	25RB#0	PASS
Band13	5MHz	16QAM	23255	1RB#0	PASS
Band13	5MHz	16QAM	23255	1RB#24	PASS
Band13	5MHz	16QAM	23255	25RB#0	PASS
Band13	10MHz	QPSK	23230	1RB#0	PASS
Band13	10MHz	QPSK	23230	1RB#49	PASS
Band13	10MHz	QPSK	23230	50RB#0	PASS
Band13	10MHz	16QAM	23230	1RB#0	PASS
Band13	10MHz	16QAM	23230	1RB#49	PASS
Band13	10MHz	16QAM	23230	50RB#0	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0

Band13-5MHz-QPSK-23205-1RB#24

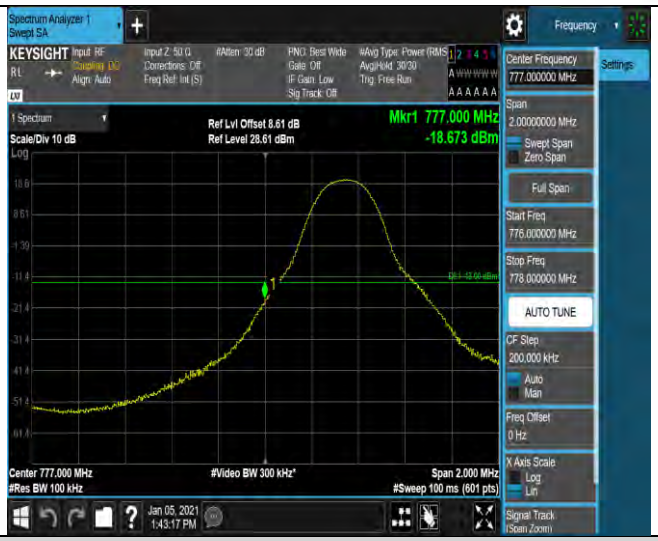
Band13-5MHz-QPSK-23205-25RB#0

Band13-5MHz-QPSK-23255-1RB#0

Band13-5MHz-QPSK-23255-1RB#24

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

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

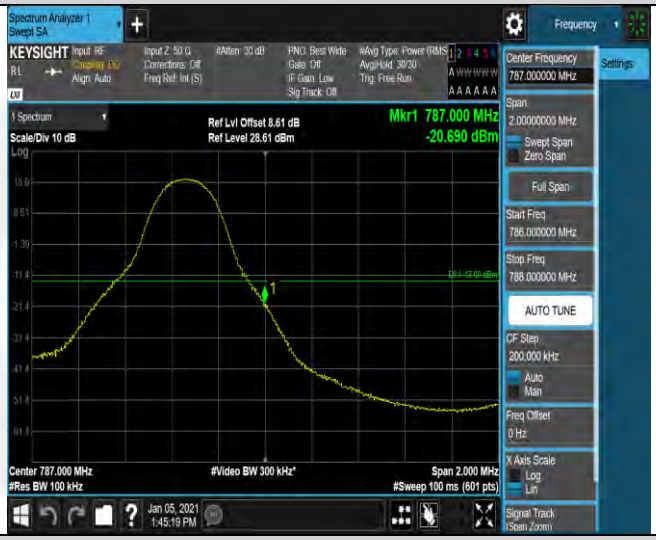


Band13-5MHz-16QAM-23205-1RB#24

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

Band13-5MHz-16QAM-23255-1RB#0

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



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

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

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

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

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

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

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

Appendix E: 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	-46.14	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-72.63	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-72.98	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-36.75	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-58.03	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-76.33	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-75.83	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-36.33	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-61.88	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-46.53	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-77.36	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-75.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-35.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-62.2	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-46.85	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-76.93	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-76.02	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-35.3	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-62.91	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-77.47	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-77.37	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-36.23	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-62.28	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-45.91	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-75.99	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-76.61	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-34.85	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-62.31	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-45.15	PASS

Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-70.55	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-67.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-31.42	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-55.88	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-46.19	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-72.81	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-68.01	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-33.38	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-55.89	PASS

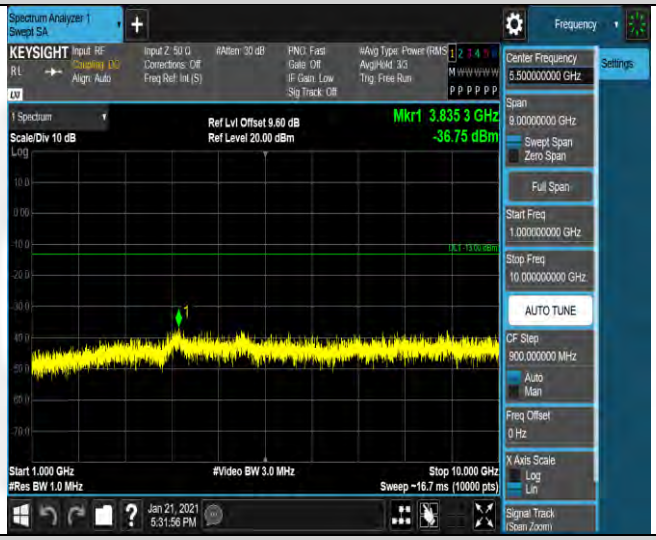
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz

Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz

Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz

Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



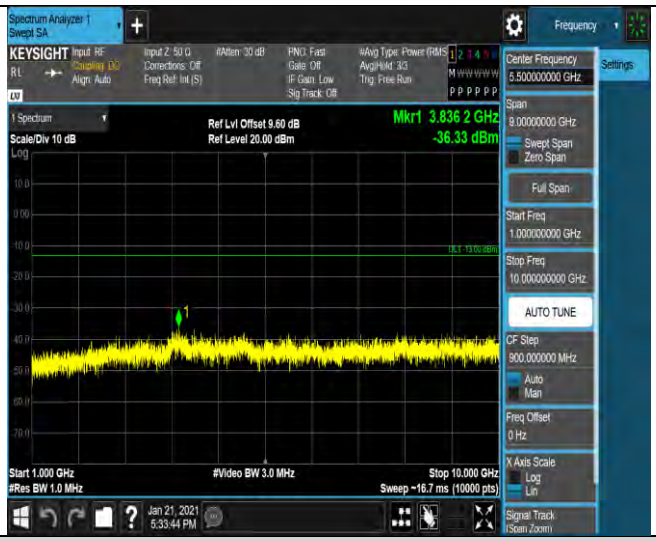
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz

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

Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz

Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz

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



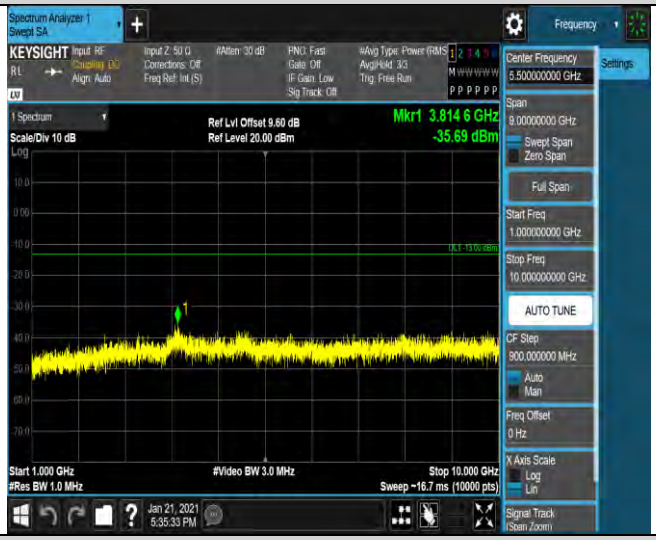
Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

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

Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz

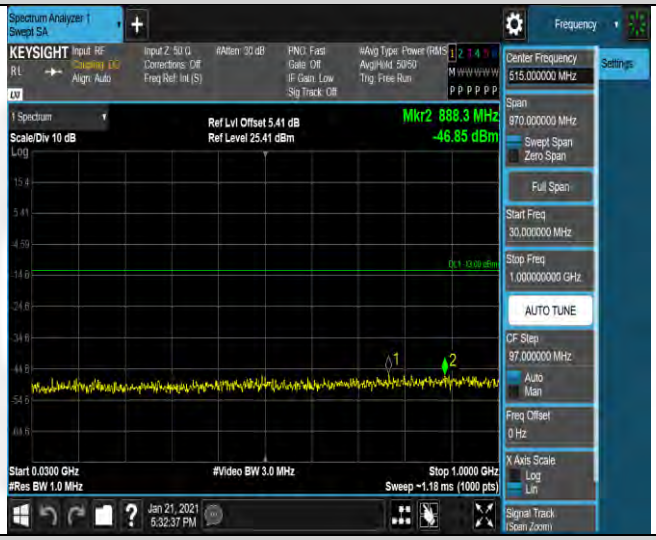
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz

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

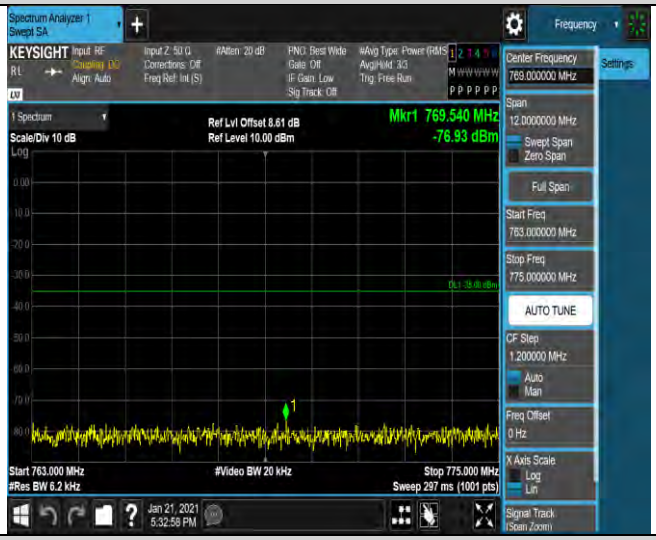


Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz

Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz

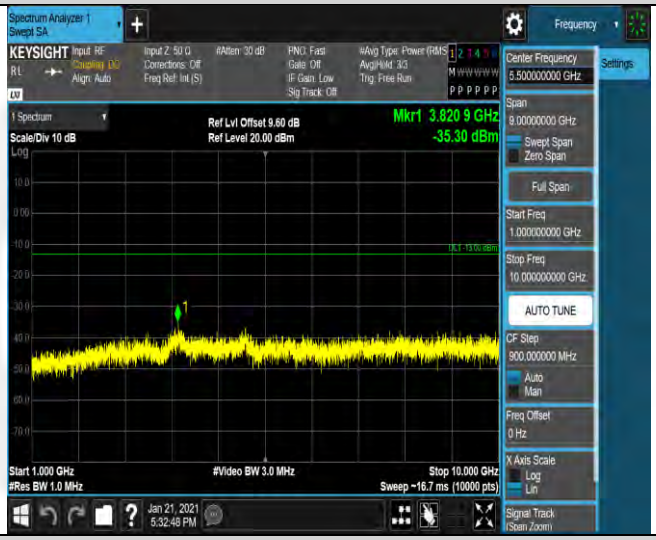


Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz

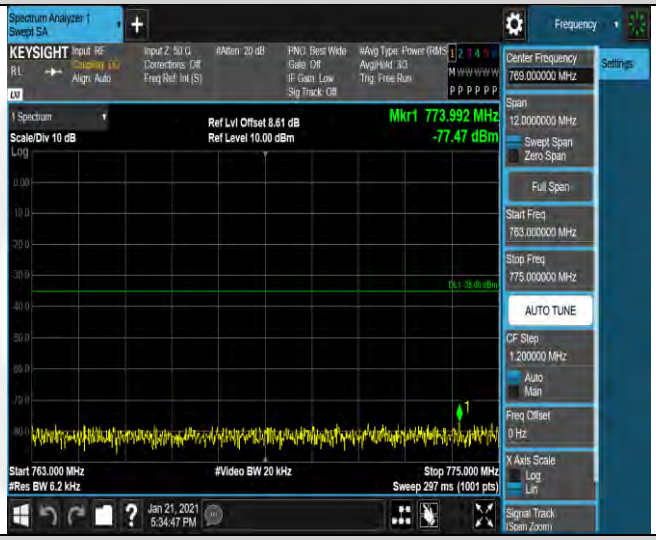
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz

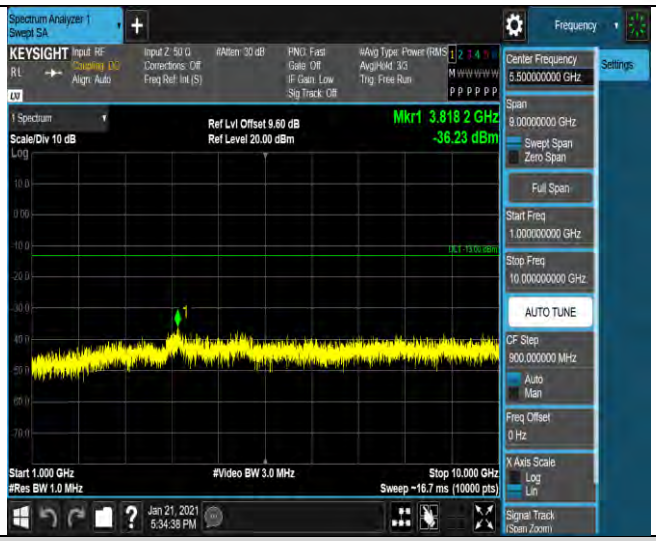
Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz

Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz

Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



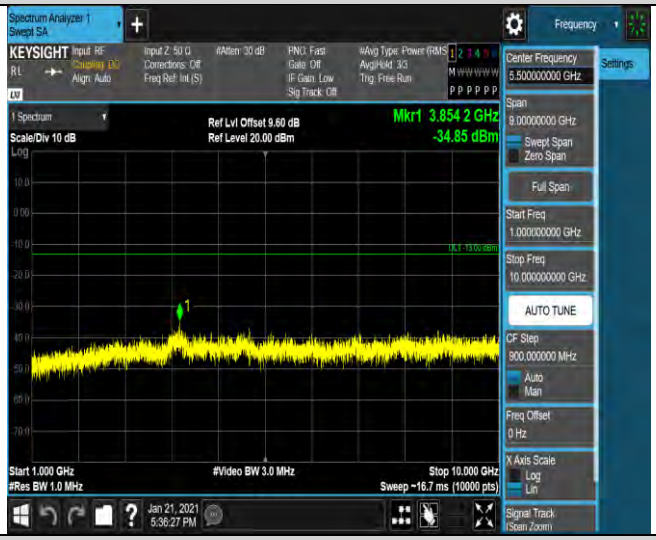
Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz

Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz

Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz

Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz

Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz

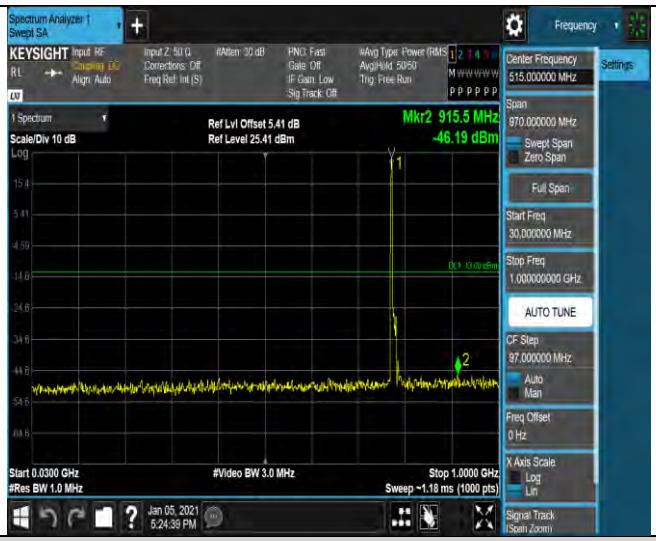
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz

Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz

Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz

Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz

Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz

Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz

Band13-10MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-9.33	-0.011969	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	3.88	0.004978	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-6.94	-0.008903	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-6.18	-0.007903	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-12.40	-0.015857	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-2.85	-0.003645	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	6.35	0.008094	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	5.09	0.006488	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	10.94	0.013945	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	4.85	0.006222	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-2.62	-0.003361	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-2.60	-0.003335	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-5.65	-0.007225	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-10.76	-0.013760	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-9.00	-0.011509	±2.5	PASS
Band1	5MHz	16QAM	23255	25RB#0	VL	NT	-3.33	-0.004245	±2.5	PASS

3										
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	3.68	0.004691	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	8.40	0.010707	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-7.11	-0.009092	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-9.50	-0.012148	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	2.07	0.002647	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-5.55	-0.007097	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-7.74	-0.009898	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-9.21	-0.011777	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-2.45	-0.003143	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-6.21	-0.007967	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-3.38	-0.004336	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-7.78	-0.009981	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-4.16	-0.005337	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	3.96	0.005080	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	6.62	0.008493	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-2.57	-0.003297	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	50	5.46	0.007004	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	3.26	0.004169	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-6.55	-0.008376	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-12.16	-0.015550	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-3.39	-0.004335	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	1.83	0.002340	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-9.27	-0.011854	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-7.88	-0.010077	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-8.53	-0.010908	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-9.47	-0.012110	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	10.00	0.012747	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	5.42	0.006909	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	7.11	0.009063	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	6.01	0.007661	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-2.68	-0.003416	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	2.23	0.002843	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	4.29	0.005468	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	7.17	0.009140	±2.5	PASS
Band1	5MHz	QPSK	23255	25RB#0	NV	50	9.17	0.011689	±2.5	PASS

3										
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-3.39	-0.004349	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-6.77	-0.008685	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-6.08	-0.007800	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-6.84	-0.008775	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-7.74	-0.009929	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	4.16	0.005337	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	1.63	0.002091	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-4.02	-0.005157	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-3.18	-0.004080	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-9.38	-0.011995	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	5.99	0.007660	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	4.02	0.005141	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	3.15	0.004028	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-4.09	-0.005230	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-4.56	-0.005831	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-6.72	-0.008593	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-6.37	-0.008146	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-7.30	-0.009335	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-30	6.52	0.008311	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	4.89	0.006233	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	4.16	0.005303	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	4.32	0.005507	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	2.36	0.003008	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	1.24	0.001581	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	2.95	0.003760	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	10.17	0.012964	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	9.80	0.012492	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-7.47	-0.009552	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-5.35	-0.006841	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2.92	-0.003734	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-9.57	-0.012238	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-8.67	-0.011087	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-5.72	-0.007315	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-4.29	-0.005486	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-3.16	-0.004041	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-1.73	-0.002212	±2.5	PASS
Band1	10MHz	16QAM	23230	50RB#0	NV	-30	-3.60	-0.004604	±2.5	PASS

3										
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-7.78	-0.009949	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-9.30	-0.011893	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-4.19	-0.005358	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-5.18	-0.006624	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-8.01	-0.010243	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-11.37	-0.014540	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-3.69	-0.004719	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-3.09	-0.003951	±2.5	PASS