LTE Band 4 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
Band4	1.4MHz	64QAM	19957	1RB#0	20.89	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.91	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.84	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.79	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.82	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.05	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.13	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.14	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.10	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.96	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.01	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.97	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.24	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.09	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.12	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.02	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.92	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.93	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.96	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.15	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.95	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.93	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.91	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.09	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.07	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.06	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.02	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.24	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.29	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.28	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.32	PASS

Band4	3MHz	64QAM	20175	8RB#4	20.33	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.34	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.07	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.12	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.07	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.20	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.21	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.22	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.11	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.33	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.31	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.27	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.24	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.23	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.20	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.17	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.31	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.33	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.31	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.32	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.34	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.32	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.37	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.37	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.43	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.44	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.32	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.27	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.36	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.29	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.14	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.02	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.01	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.21	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.20	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.20	PASS

Band4	10MHz	64QAM	20000	50RB#0	20.22	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.26	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.28	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.27	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.32	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.30	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.38	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.32	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.11	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.12	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.20	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.22	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.24	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.28	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.30	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.24	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.09	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.19	PASS
Band4	15MHz	64QAM	20025	38RB#0	21.26	PASS
Band4	15MHz	64QAM	20025	38RB#18	21.13	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.27	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.12	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.31	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.28	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.35	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.32	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.28	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.34	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.32	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.52	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.31	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.47	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.41	PASS
Band4	15MHz	64QAM	20325	38RB#18	21.22	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.44	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.21	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.31	PASS

Band4	20MHz	64QAM	20050	1RB#49	21.12	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.41	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.19	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.18	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.19	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.08	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.23	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.20	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.30	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.33	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.32	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.36	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.36	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.60	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.37	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.55	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.35	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.39	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.29	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.28	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	5.57	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	6.02	13	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	5.74	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	6.15	13	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	5.76	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	6.25	13	PASS
Band4	3MHz	64QAM	19965	1RB#0	5.29	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	5.93	13	PASS
Band4	3MHz	64QAM	20175	1RB#0	5.47	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	6.04	13	PASS
Band4	3MHz	64QAM	20385	1RB#0	5.65	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	6.11	13	PASS
Band4	5MHz	64QAM	19975	1RB#0	5.27	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	5.94	13	PASS
Band4	5MHz	64QAM	20175	1RB#0	5.50	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	6.03	13	PASS
Band4	5MHz	64QAM	20375	1RB#0	5.45	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	6.04	13	PASS
Band4	10MHz	64QAM	20000	1RB#0	5.18	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	5.95	13	PASS
Band4	10MHz	64QAM	20175	1RB#0	5.36	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	6.02	13	PASS
Band4	10MHz	64QAM	20350	1RB#0	5.46	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	6.05	13	PASS
Band4	15MHz	64QAM	20025	1RB#0	5.27	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	6.02	13	PASS
Band4	15MHz	64QAM	20175	1RB#0	5.40	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	6.05	13	PASS
Band4	15MHz	64QAM	20325	1RB#0	5.33	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	6.10	13	PASS

Band4	20MHz	64QAM	20050	1RB#0	5.20	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	5.91	13	PASS
Band4	20MHz	64QAM	20175	1RB#0	5.40	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.98	13	PASS
Band4	20MHz	64QAM	20300	1RB#0	5.39	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.06	13	PASS

Test Graphs

Band4-1.4MHz-64QAM-19957-1RB#0

Band4-1.4MHz-64QAM-19957-6RB#0

Band4-1.4MHz-64QAM-20175-1RB#0

Band4-1.4MHz-64QAM-20175-6RB#0

Band4-1.4MHz-64QAM-20393-1RB#0

Band4-1.4MHz-64QAM-20393-6RB#0

Band4-3MHz-64QAM-19965-1RB#0

Band4-3MHz-64QAM-19965-15RB#0

Band4-3MHz-64QAM-20175-1RB#0

Band4-3MHz-64QAM-20175-15RB#0

Band4-3MHz-64QAM-20385-1RB#0

Band4-3MHz-64QAM-20385-15RB#0

Band4-5MHz-64QAM-19975-1RB#0

Band4-5MHz-64QAM-19975-25RB#0

Band4-5MHz-64QAM-20175-1RB#0

Band4-5MHz-64QAM-20175-25RB#0

Band4-5MHz-64QAM-20375-1RB#0

Band4-5MHz-64QAM-20375-25RB#0

Band4-10MHz-64QAM-20000-1RB#0

Band4-10MHz-64QAM-20000-50RB#0

Band4-10MHz-64QAM-20175-1RB#0

Band4-10MHz-64QAM-20175-50RB#0

Band4-10MHz-64QAM-20350-1RB#0

Band4-10MHz-64QAM-20350-50RB#0

Band4-15MHz-64QAM-20025-1RB#0

Band4-15MHz-64QAM-20025-75RB#0

Band4-15MHz-64QAM-20175-1RB#0

Band4-15MHz-64QAM-20175-75RB#0

Band4-15MHz-64QAM-20325-1RB#0

Band4-15MHz-64QAM-20325-75RB#0

Band4-20MHz-64QAM-20050-1RB#0

Band4-20MHz-64QAM-20050-100RB#0

Band4-20MHz-64QAM-20175-1RB#0

Band4-20MHz-64QAM-20175-100RB#0

Band4-20MHz-64QAM-20300-1RB#0

Band4-20MHz-64QAM-20300-100RB#0

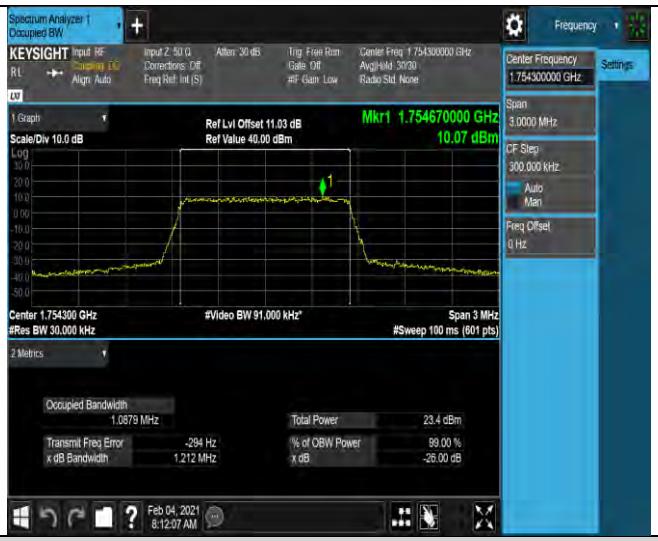
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	1.0894	1.223	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.0840	1.220	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.0879	1.212	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6861	2.906	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6861	2.905	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6909	2.908	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5027	4.820	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.4956	4.817	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.4983	4.876	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9539	9.543	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.9512	9.528	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9853	9.513	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.415	14.23	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.447	14.27	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.485	14.25	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.877	18.92	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.910	18.93	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.971	18.98	PASS

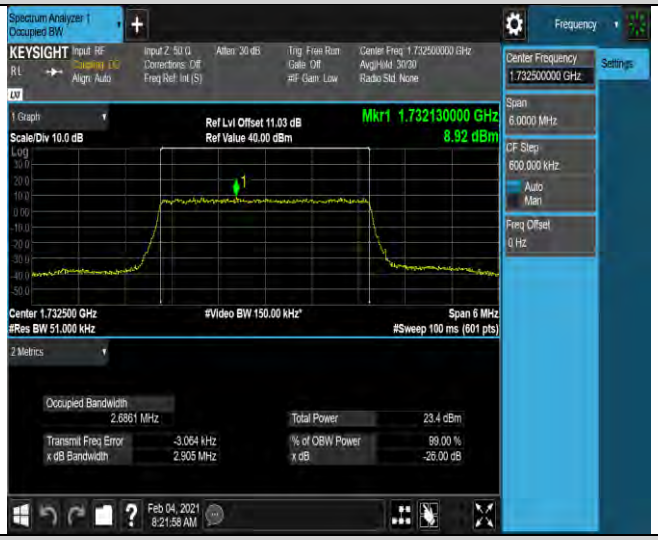
Test Graphs

Band4-1.4MHz-64QAM-19957-6RB#0-1.0894
Band4-1.4MHz-64QAM-20175-6RB#0-1.0840
Band4-1.4MHz-64QAM-20393-6RB#0-1.0879

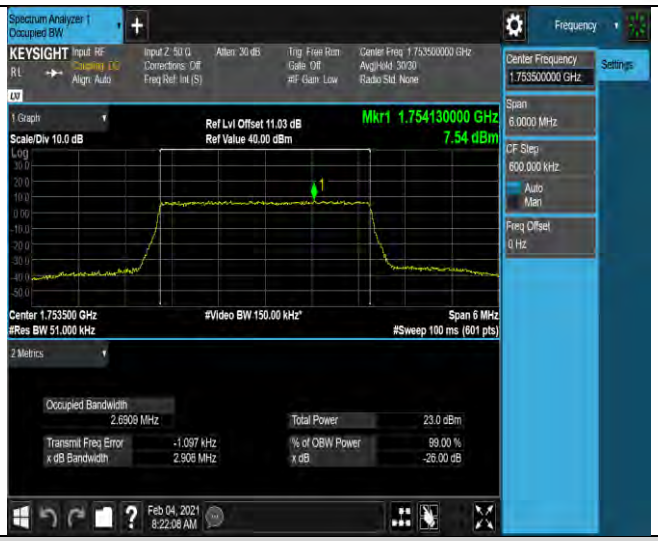


Band4-3MHz-64QAM-19965-15RB#0-2.6861

Band4-3MHz-64QAM-20175-15RB#0-2.6861



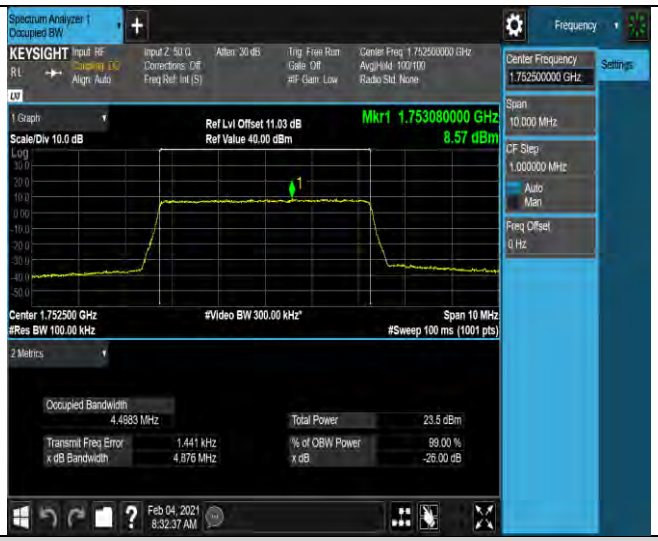
Band4-3MHz-64QAM-20385-15RB#0-2.6909



Band4-5MHz-64QAM-19975-25RB#0-4.5027

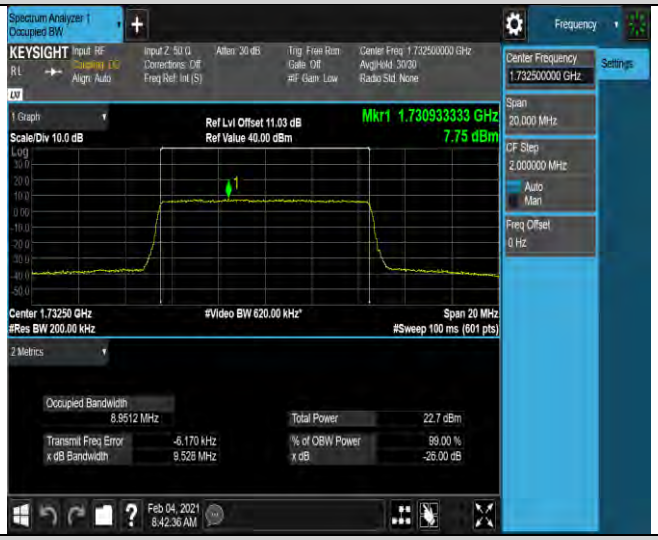
Band4-5MHz-64QAM-20175-25RB#0-4.4956

Band4-5MHz-64QAM-20375-25RB#0-4.4983



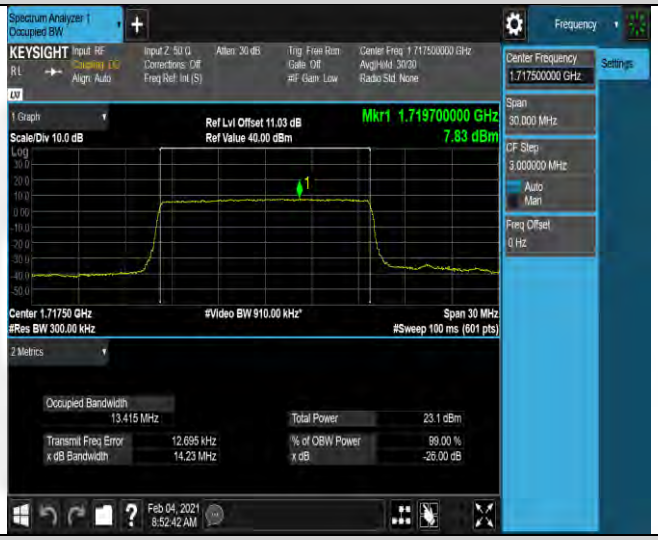
Band4-10MHz-64QAM-20000-50RB#0-8.9539

Band4-10MHz-64QAM-20175-50RB#0-8.9512

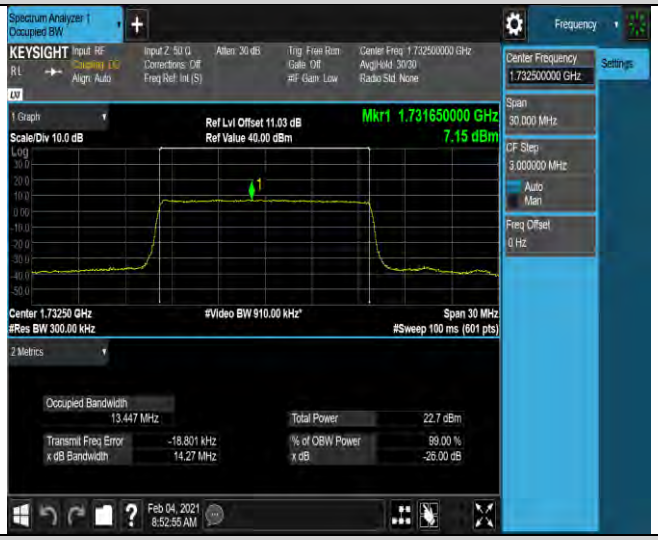


Band4-10MHz-64QAM-20350-50RB#0-8.9853

Band4-15MHz-64QAM-20025-75RB#0-13.415



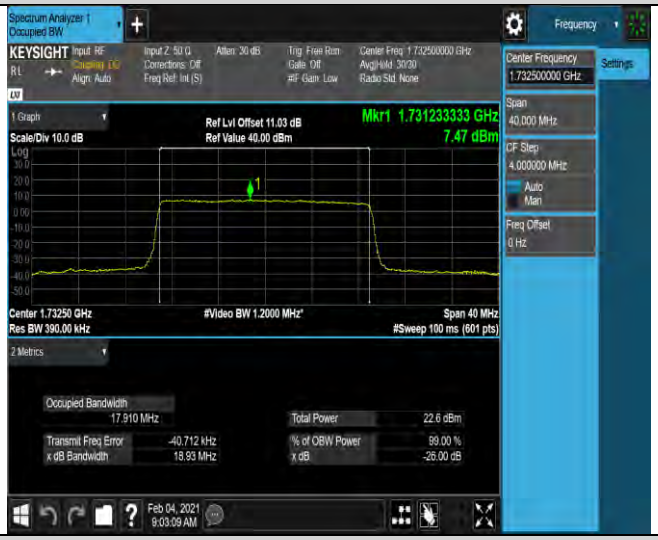
Band4-15MHz-64QAM-20175-75RB#0-13.447



Band4-15MHz-64QAM-20325-75RB#0-13.485

Band4-20MHz-64QAM-20050-100RB#0-17.877

Band4-20MHz-64QAM-20175-100RB#0-17.910



Band4-20MHz-64QAM-20300-100RB#0-17.971

Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 30 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 1.745000000 GHz
Avg|Hold: 30/30
Radio Std: None
Frequency
Center Frequency
1.745000000 GHz
Settings
Span
40.000 MHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 11.03 dB
Ref Value 40.00 dBm
Mkr1 1.737733333 GHz
7.25 dBm
Center 1.74500 GHz
Res BW 390.00 kHz
#Video BW 1.2000 MHz*
Span 40 MHz
#Sweep 100 ms (601 pts)
2 Metrics
Occupied Bandwidth
17.971 MHz
Total Power
22.2 dBm
Transmit Freq Error
-16.970 kHz
x dB Bandwidth
18.98 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
Feb 04, 2021
9:03:19 AM

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	PASS
Band4	3MHz	64QAM	19965	1RB#0	PASS
Band4	3MHz	64QAM	19965	1RB#14	PASS
Band4	3MHz	64QAM	19965	15RB#0	PASS
Band4	3MHz	64QAM	20385	1RB#0	PASS
Band4	3MHz	64QAM	20385	1RB#14	PASS
Band4	3MHz	64QAM	20385	15RB#0	PASS
Band4	5MHz	64QAM	19975	1RB#0	PASS
Band4	5MHz	64QAM	19975	1RB#24	PASS
Band4	5MHz	64QAM	19975	25RB#0	PASS
Band4	5MHz	64QAM	20375	1RB#0	PASS
Band4	5MHz	64QAM	20375	1RB#24	PASS
Band4	5MHz	64QAM	20375	25RB#0	PASS
Band4	10MHz	64QAM	20000	1RB#0	PASS
Band4	10MHz	64QAM	20000	1RB#49	PASS
Band4	10MHz	64QAM	20000	50RB#0	PASS
Band4	10MHz	64QAM	20350	1RB#0	PASS
Band4	10MHz	64QAM	20350	1RB#49	PASS
Band4	10MHz	64QAM	20350	50RB#0	PASS
Band4	15MHz	64QAM	20025	1RB#0	PASS
Band4	15MHz	64QAM	20025	1RB#74	PASS
Band4	15MHz	64QAM	20025	75RB#0	PASS
Band4	15MHz	64QAM	20325	1RB#0	PASS
Band4	15MHz	64QAM	20325	1RB#74	PASS
Band4	15MHz	64QAM	20325	75RB#0	PASS
Band4	20MHz	64QAM	20050	1RB#0	PASS
Band4	20MHz	64QAM	20050	1RB#99	PASS
Band4	20MHz	64QAM	20050	100RB#0	PASS

Band4	20MHz	64QAM	20300	1RB#0	PASS
Band4	20MHz	64QAM	20300	1RB#99	PASS
Band4	20MHz	64QAM	20300	100RB#0	PASS

Test Graphs

Band4-1.4MHz-64QAM-19957-1RB#0

Band4-1.4MHz-64QAM-19957-1RB#5

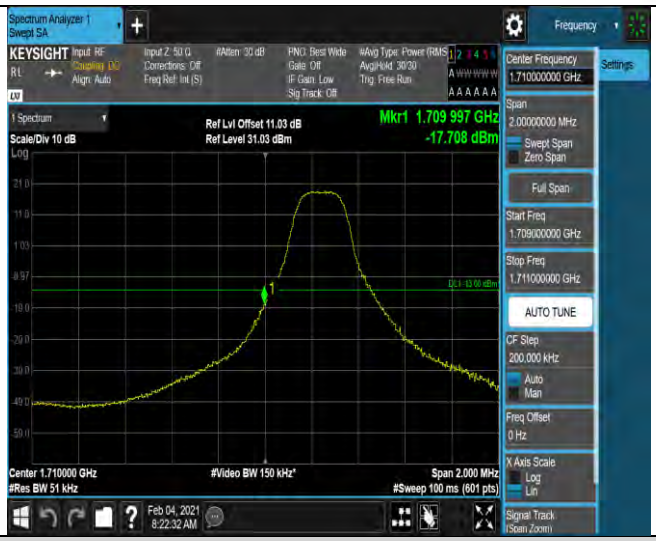
Band4-1.4MHz-64QAM-19957-6RB#0

Band4-1.4MHz-64QAM-20393-1RB#0

Band4-1.4MHz-64QAM-20393-1RB#5

Band4-1.4MHz-64QAM-20393-6RB#0

Band4-3MHz-64QAM-19965-1RB#0

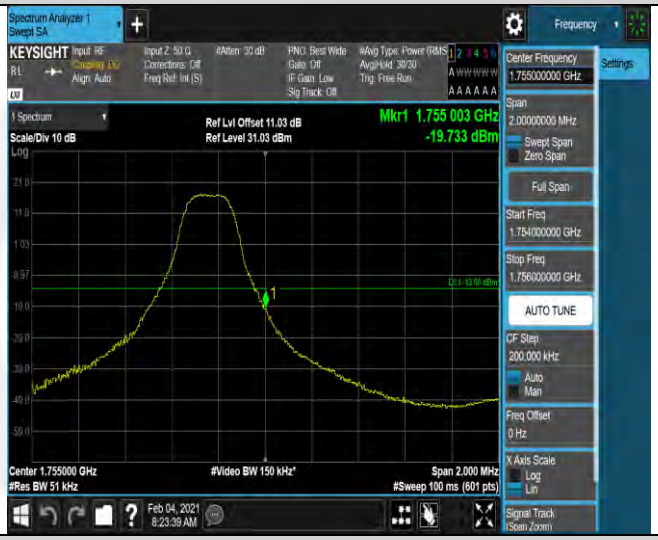


Band4-3MHz-64QAM-19965-1RB#14

Band4-3MHz-64QAM-19965-15RB#0

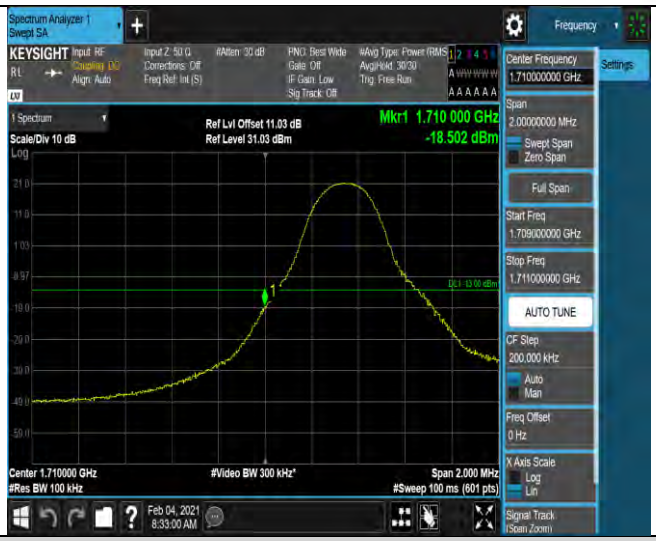
Band4-3MHz-64QAM-20385-1RB#0

Band4-3MHz-64QAM-20385-1RB#14



Band4-3MHz-64QAM-20385-15RB#0

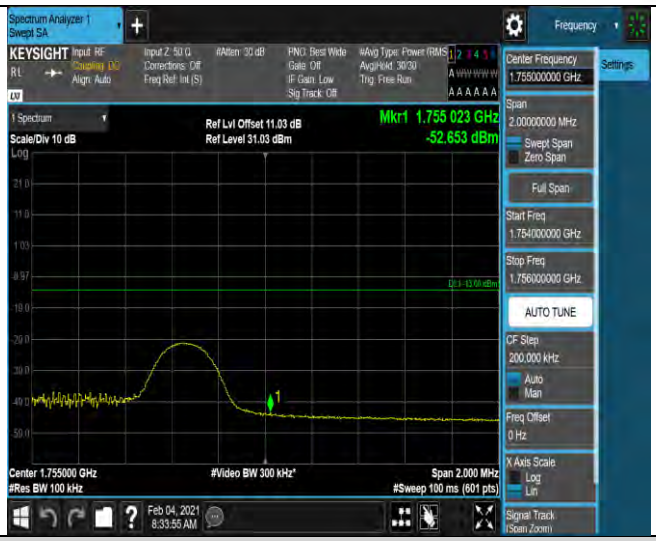
Band4-5MHz-64QAM-19975-1RB#0



Band4-5MHz-64QAM-19975-1RB#24

Band4-5MHz-64QAM-19975-25RB#0

Band4-5MHz-64QAM-20375-1RB#0



Band4-5MHz-64QAM-20375-1RB#24

Band4-5MHz-64QAM-20375-25RB#0

Band4-10MHz-64QAM-20000-1RB#0

Band4-10MHz-64QAM-20000-1RB#49

Band4-10MHz-64QAM-20000-50RB#0

Band4-10MHz-64QAM-20350-1RB#0

Band4-10MHz-64QAM-20350-1RB#49

Band4-10MHz-64QAM-20350-50RB#0

Band4-15MHz-64QAM-20025-1RB#0

Band4-15MHz-64QAM-20025-1RB#74

Band4-15MHz-64QAM-20025-75RB#0

Band4-15MHz-64QAM-20325-1RB#0

Band4-15MHz-64QAM-20325-1RB#74

Band4-15MHz-64QAM-20325-75RB#0

Band4-20MHz-64QAM-20050-1RB#0

Band4-20MHz-64QAM-20050-1RB#99

Band4-20MHz-64QAM-20050-100RB#0

Band4-20MHz-64QAM-20300-1RB#0

Band4-20MHz-64QAM-20300-1RB#99

Band4-20MHz-64QAM-20300-100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	Range1:30~1000MHz	-45.72	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range2:1000~2000MHz	-42.83	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range3:2000~20000MHz	-40.75	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-46.54	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-43.24	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.07	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range1:30~1000MHz	-46.09	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range2:1000~2000MHz	-41.17	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range3:2000~20000MHz	-43.31	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range1:30~1000MHz	-45.07	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range2:1000~2000MHz	-42.84	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range3:2000~20000MHz	-43.83	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.64	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-40.94	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.87	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range1:30~1000MHz	-45.91	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range2:1000~2000MHz	-42.74	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range3:2000~20000MHz	-38.11	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range2:1000~2000MHz	-42.16	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range3:2000~20000MHz	-43.26	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.2	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-43.46	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.43	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range2:1000~2000MHz	-42.96	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range3:2000~20000MHz	-41.81	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range1:30~1000MHz	-45.97	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range2:1000~2000MHz	-42.74	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range3:2000~20000MHz	-42.69	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.77	PASS

Band4	10MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.44	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.87	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range1:30~1000MHz	-45.09	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range2:1000~2000MHz	-41.98	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range3:2000~20000MHz	-43.75	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range1:30~1000MHz	-45.49	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range2:1000~2000MHz	-41.54	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range3:2000~20000MHz	-41.98	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.71	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.83	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.04	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range1:30~1000MHz	-46.13	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range2:1000~2000MHz	-43.06	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range3:2000~20000MHz	-43.57	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range1:30~1000MHz	-46.35	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range2:1000~2000MHz	-42.24	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range3:2000~20000MHz	-42.51	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.66	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-42.82	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.81	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range1:30~1000MHz	-46.28	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range2:1000~2000MHz	-42.05	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range3:2000~20000MHz	-41.98	PASS

Test Graphs

Band4-1.4MHz-64QAM-19957-1RB#0-Range1:30~1000MHz

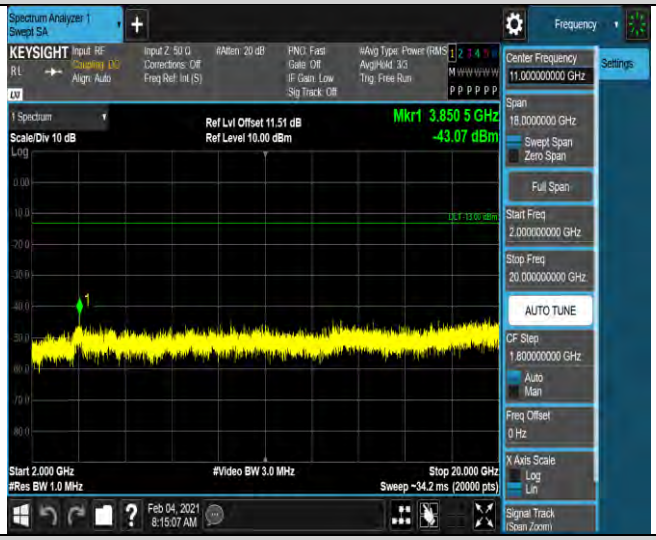
Band4-1.4MHz-64QAM-19957-1RB#0-Range2:1000~2000MHz

Band4-1.4MHz-64QAM-19957-1RB#0-Range3:2000~20000MHz

Band4-1.4MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

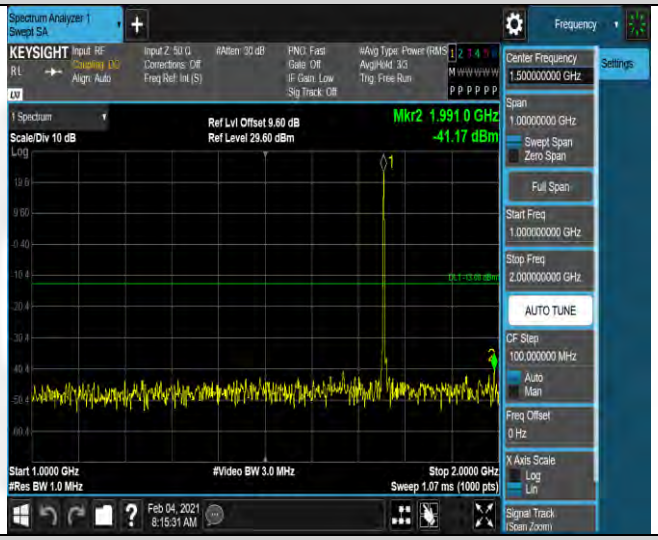
Band4-1.4MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz

Band4-1.4MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-64QAM-20393-1RB#0-Range1:30~1000MHz

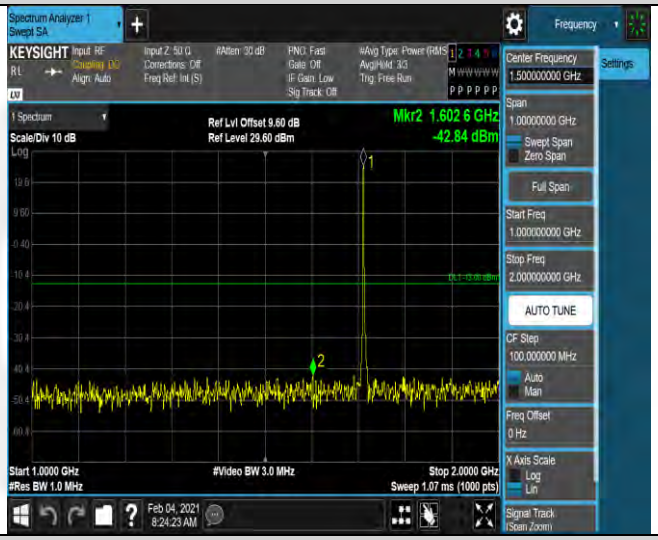
Band4-1.4MHz-64QAM-20393-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-64QAM-20393-1RB#0-Range3:2000~20000MHz

Band4-3MHz-64QAM-19965-1RB#0-Range1:30~1000MHz

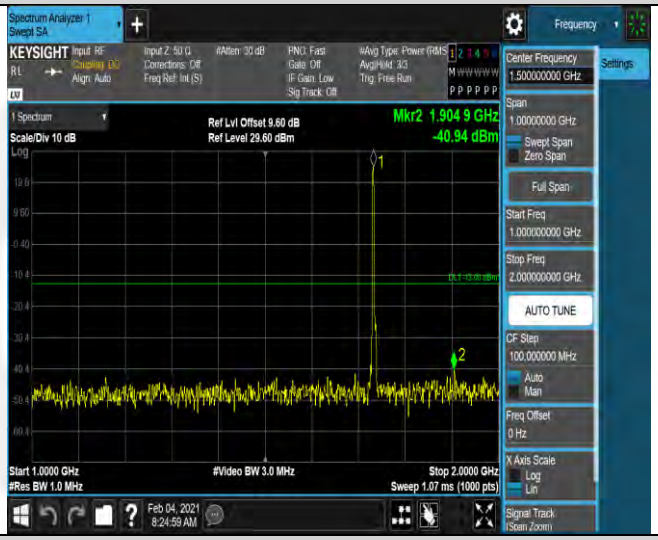
Band4-3MHz-64QAM-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-64QAM-19965-1RB#0-Range3:2000~20000MHz

Band4-3MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

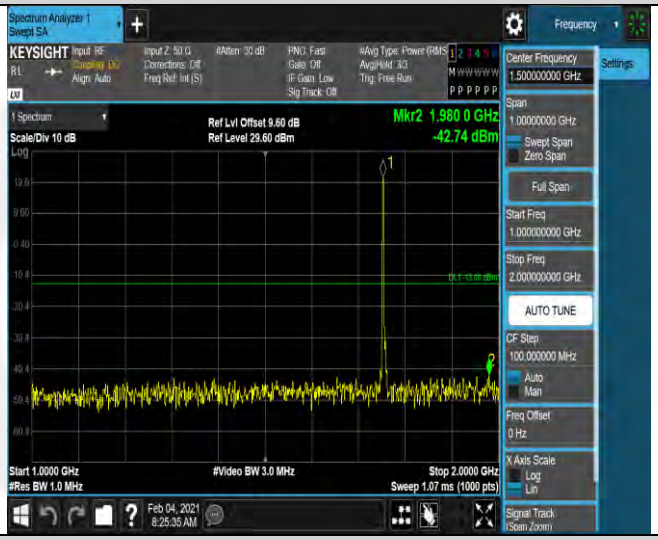
Band4-3MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-3MHz-64QAM-20385-1RB#0-Range1:30~1000MHz

Band4-3MHz-64QAM-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-64QAM-20385-1RB#0-Range3:2000~20000MHz

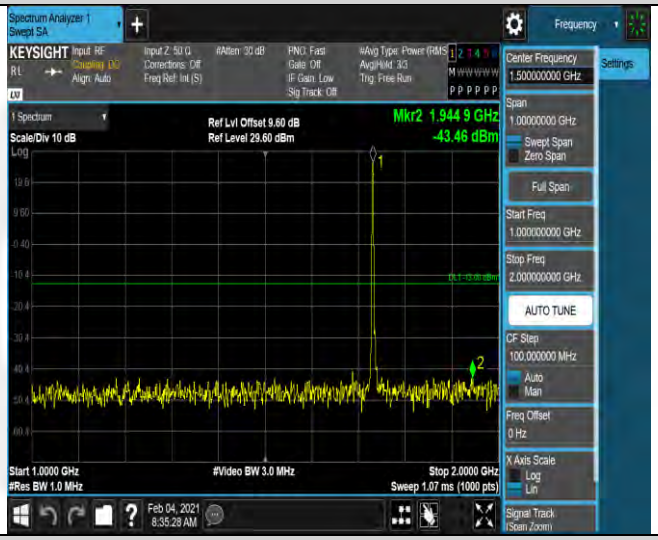
Band4-5MHz-64QAM-19975-1RB#0-Range1:30~1000MHz

Band4-5MHz-64QAM-19975-1RB#0-Range2:1000~2000MHz

Band4-5MHz-64QAM-19975-1RB#0-Range3:2000~20000MHz

Band4-5MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

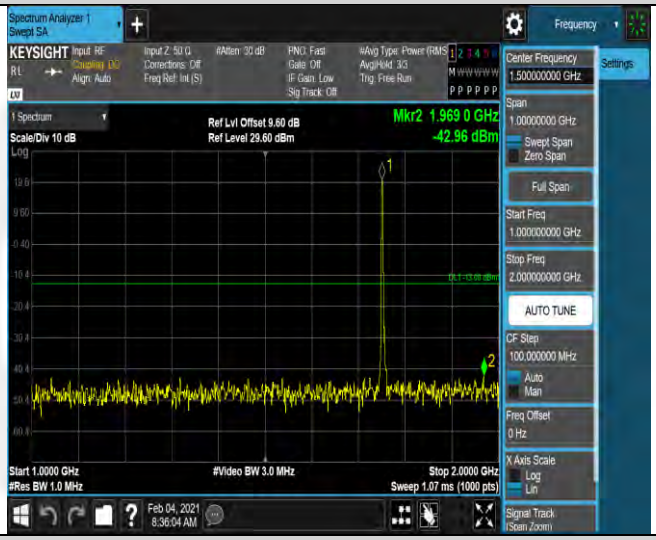
Band4-5MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



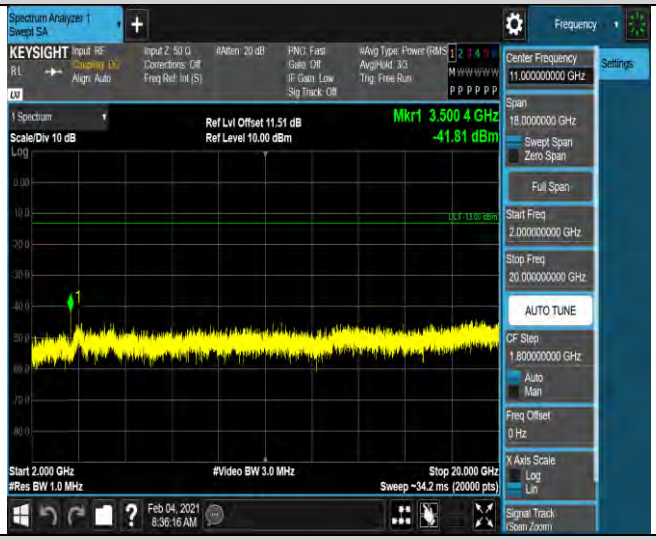
Band4-5MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-5MHz-64QAM-20375-1RB#0-Range1:30~1000MHz

Band4-5MHz-64QAM-20375-1RB#0-Range2:1000~2000MHz

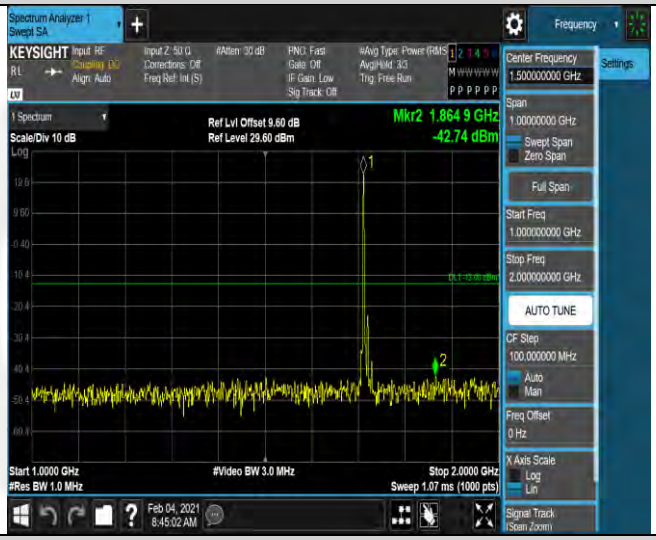


Band4-5MHz-64QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range1:30~1000MHz

Band4-10MHz-64QAM-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range3:2000~20000MHz

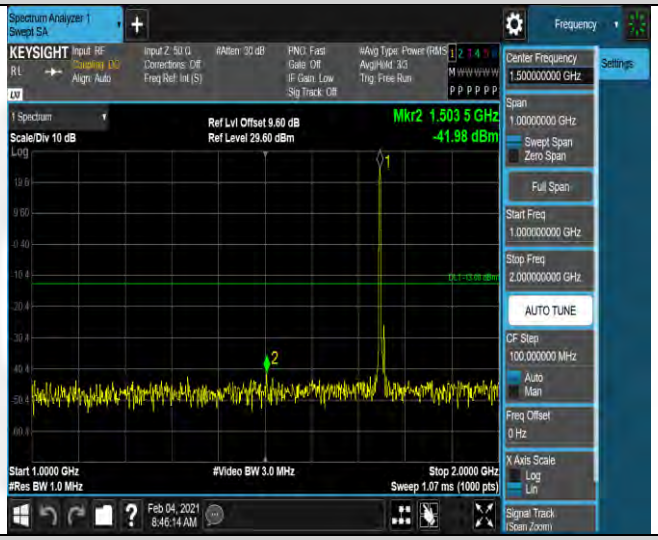
Band4-10MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

Band4-10MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz

Band4-10MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-10MHz-64QAM-20350-1RB#0-Range1:30~1000MHz

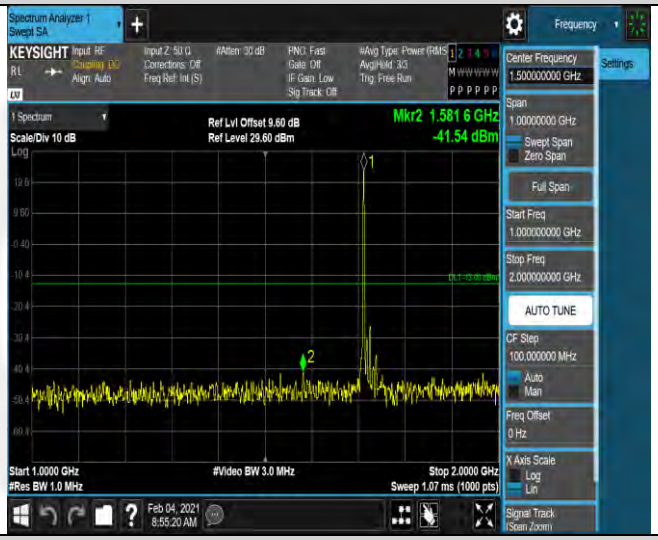
Band4-10MHz-64QAM-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20350-1RB#0-Range3:2000~20000MHz

Band4-15MHz-64QAM-20025-1RB#0-Range1:30~1000MHz

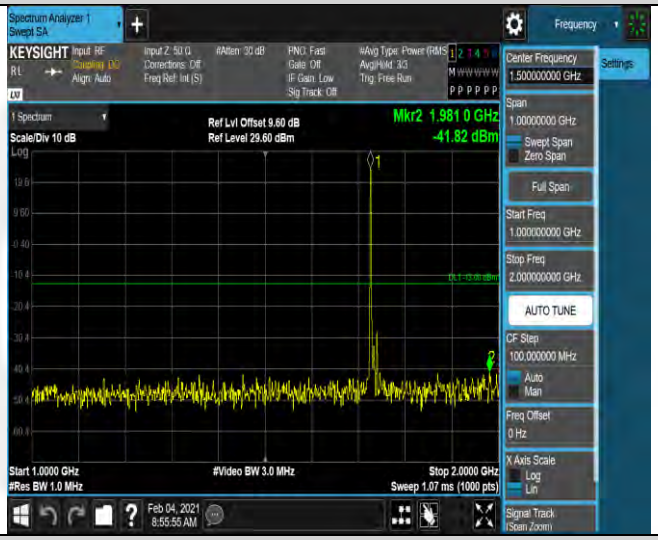
Band4-15MHz-64QAM-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-64QAM-20025-1RB#0-Range3:2000~20000MHz

Band4-15MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

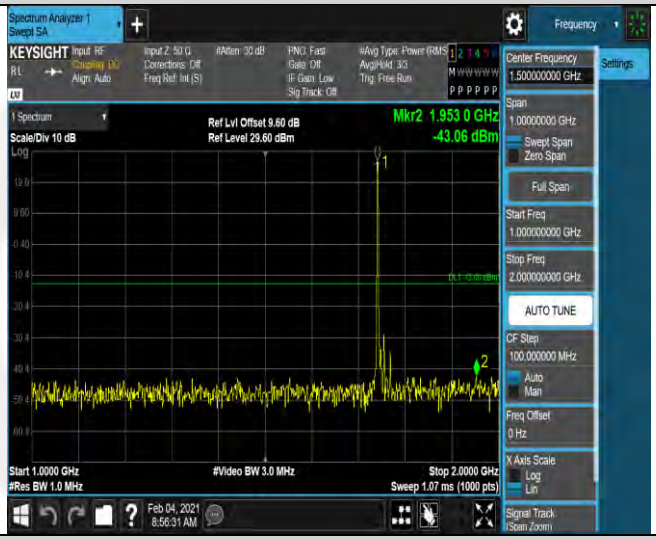
Band4-15MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

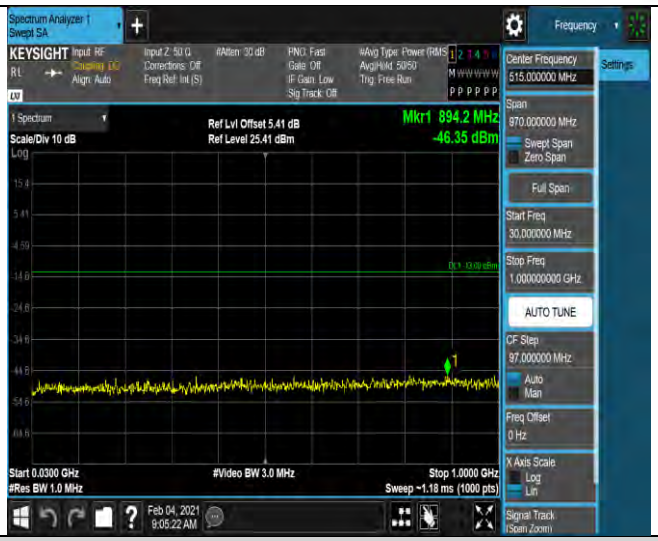
Band4-15MHz-64QAM-20325-1RB#0-Range1:30~1000MHz

Band4-15MHz-64QAM-20325-1RB#0-Range2:1000~2000MHz

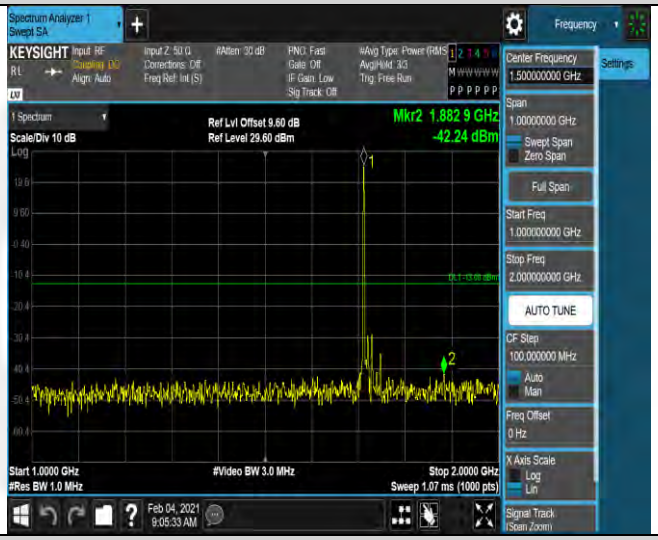


Band4-15MHz-64QAM-20325-1RB#0-Range3:2000~20000MHz

Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



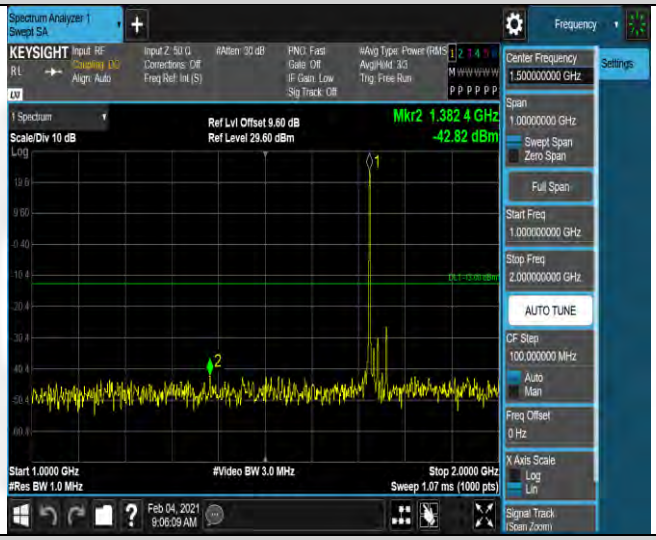
Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20050-1RB#0-Range3:2000~20000MHz

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

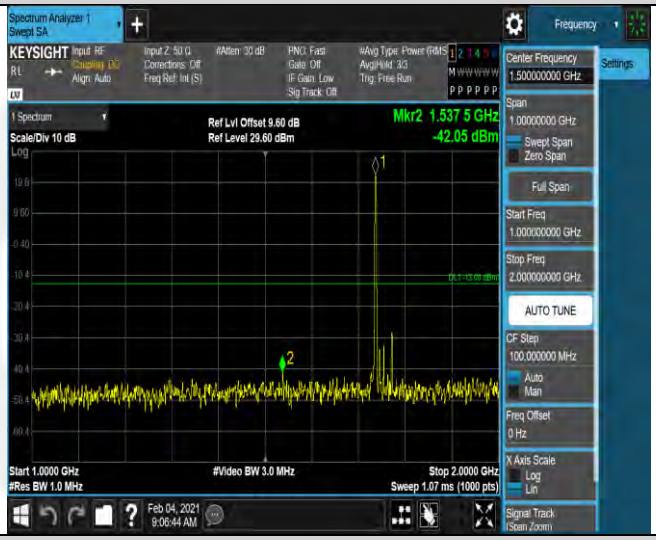
Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz

Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range3:2000~20000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	VL	NT	11.01	0.006436	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VN	NT	8.13	0.004752	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VH	NT	9.14	0.005343	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VL	NT	18.21	0.010511	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VN	NT	-14.13	-0.008156	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VH	NT	15.36	0.008866	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VL	NT	16.04	0.009143	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VN	NT	15.48	0.008824	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VH	NT	18.93	0.010791	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VL	NT	11.63	0.006795	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VN	NT	8.03	0.004692	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VH	NT	7.54	0.004405	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VL	NT	13.68	0.007896	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VN	NT	11.46	0.006615	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VH	NT	12.97	0.007486	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VL	NT	11.72	0.006684	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VN	NT	13.02	0.007425	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VH	NT	15.25	0.008697	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VL	NT	-8.24	-0.004812	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VN	NT	-6.58	-0.003842	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VH	NT	-9.86	-0.005758	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VL	NT	7.44	0.004294	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VN	NT	8.48	0.004895	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VH	NT	2.23	0.001287	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VL	NT	6.62	0.003777	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VN	NT	7.78	0.004439	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VH	NT	11.13	0.006351	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VL	NT	-3.00	-0.001749	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VN	NT	-7.07	-0.004122	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VH	NT	-4.68	-0.002729	±2.5	PASS

Band4	10MHz	64QAM	20175	50RB#0	VL	NT	7.78	0.004491	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VN	NT	5.39	0.003111	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VH	NT	6.92	0.003994	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VL	NT	-5.28	-0.003017	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VN	NT	4.38	0.002503	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VH	NT	-7.12	-0.004069	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VL	NT	5.94	0.003459	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VN	NT	5.94	0.003459	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VH	NT	8.03	0.004675	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VL	NT	5.75	0.003319	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VN	NT	4.62	0.002667	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VH	NT	11.22	0.006476	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VL	NT	11.73	0.006712	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VN	NT	8.57	0.004904	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VH	NT	9.17	0.005247	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-9.03	-0.005250	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-8.58	-0.004988	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-6.95	-0.004041	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	8.61	0.004970	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	6.82	0.003937	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	8.96	0.005172	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	5.44	0.003117	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-2.79	-0.001599	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	5.64	0.003232	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-30	14.05	0.008213	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-20	10.74	0.006278	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-10	10.21	0.005968	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	0	15.85	0.009265	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	10	13.19	0.007710	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	20	13.12	0.007669	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	30	12.29	0.007184	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	40	7.47	0.004367	±2.5	PASS

Band4	1.4MHz	64QAM	19957	6RB#0	NV	50	6.74	0.003940	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-30	21.09	0.012173	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-20	20.91	0.012069	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-10	23.85	0.013766	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	0	15.48	0.008935	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	10	22.36	0.012906	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	20	14.53	0.008387	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	30	9.46	0.005460	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	40	13.96	0.008058	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	50	12.20	0.007042	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-30	19.97	0.011383	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-20	18.17	0.010357	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-10	14.72	0.008391	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	0	10.84	0.006179	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	10	17.68	0.010078	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	20	12.85	0.007325	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	30	12.32	0.007023	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	40	12.90	0.007353	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	50	4.31	0.002457	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-30	5.29	0.003091	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-20	8.58	0.005013	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-10	10.20	0.005960	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	0	12.85	0.007508	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	10	12.25	0.007157	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	20	10.99	0.006421	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	30	5.32	0.003108	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	40	5.68	0.003319	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	50	8.34	0.004873	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-30	13.78	0.007954	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-20	9.51	0.005489	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-10	9.94	0.005737	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	0	12.00	0.006926	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	10	13.53	0.007810	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	20	7.65	0.004416	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	30	6.41	0.003700	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	40	8.75	0.005051	±2.5	PASS

Band4	3MHz	64QAM	20175	15RB#0	NV	50	7.01	0.004046	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-30	11.87	0.006769	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-20	11.74	0.006695	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-10	9.23	0.005264	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	0	10.06	0.005737	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	10	6.35	0.003621	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	20	8.73	0.004979	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	30	7.34	0.004186	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	40	5.14	0.002931	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	50	10.20	0.005817	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-30	-8.80	-0.005139	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-20	-7.40	-0.004321	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-10	-7.21	-0.004210	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	0	-11.50	-0.006715	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	10	-11.84	-0.006914	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	20	-9.40	-0.005489	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	30	-9.06	-0.005291	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	40	-6.98	-0.004076	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	50	-7.98	-0.004660	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-30	11.40	0.006580	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-20	7.21	0.004162	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-10	13.28	0.007665	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	0	12.92	0.007457	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	10	8.68	0.005010	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	20	10.51	0.006066	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	30	12.12	0.006996	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	40	11.37	0.006563	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	50	11.43	0.006597	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-30	8.15	0.004650	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-20	-9.06	-0.005170	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-10	4.48	0.002556	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	0	7.22	0.004120	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	10	5.06	0.002887	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	20	3.56	0.002031	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	30	5.38	0.003070	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	40	7.60	0.004337	±2.5	PASS

Band4	5MHz	64QAM	20375	25RB#0	NV	50	3.92	0.002237	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-30	-7.38	-0.004303	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-20	3.69	0.002152	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-10	-3.76	-0.002192	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	0	6.14	0.003580	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	10	3.16	0.001843	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	20	-6.58	-0.003837	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	30	-3.58	-0.002087	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	40	-7.95	-0.004636	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	50	-7.34	-0.004280	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-30	12.52	0.007227	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-20	8.34	0.004814	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-10	9.77	0.005639	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	0	5.95	0.003434	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	10	9.60	0.005541	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	20	10.29	0.005939	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	30	9.96	0.005749	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	40	6.18	0.003567	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	50	12.25	0.007071	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-30	-7.34	-0.004194	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-20	-3.73	-0.002131	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-10	-6.69	-0.003823	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	0	-5.72	-0.003269	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	10	-5.25	-0.003000	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	20	-4.32	-0.002469	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	30	-5.58	-0.003189	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	40	3.13	0.001789	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	50	-7.55	-0.004314	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-30	7.27	0.004233	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-20	7.88	0.004588	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-10	8.87	0.005164	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	0	4.11	0.002393	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	10	8.33	0.004850	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	20	7.58	0.004413	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	30	5.97	0.003476	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	40	8.41	0.004897	±2.5	PASS

Band4	15MHz	64QAM	20025	75RB#0	NV	50	7.81	0.004547	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-30	6.65	0.003838	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-20	8.93	0.005154	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-10	7.27	0.004196	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	0	5.68	0.003278	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	10	6.42	0.003706	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	20	3.96	0.002286	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	30	14.25	0.008225	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	40	-3.46	-0.001997	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	50	8.34	0.004814	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-30	12.96	0.007416	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-20	8.25	0.004721	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-10	8.11	0.004641	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	0	8.27	0.004732	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	10	4.29	0.002455	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	20	9.38	0.005368	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	30	13.25	0.007582	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	40	8.11	0.004641	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	50	9.31	0.005328	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-6.09	-0.003541	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-5.78	-0.003360	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	-9.87	-0.005738	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-11.29	-0.006564	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-8.28	-0.004814	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-5.31	-0.003087	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-10.50	-0.006105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-12.25	-0.007122	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-6.92	-0.004023	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	10.97	0.006332	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	8.98	0.005183	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	7.65	0.004416	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	9.41	0.005431	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	10.46	0.006038	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	7.58	0.004375	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	12.62	0.007284	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	9.20	0.005310	±2.5	PASS

Band4	20MHz	64QAM	20175	100RB#0	NV	50	6.81	0.003931	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-4.89	-0.002802	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-7.70	-0.004413	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	6.61	0.003788	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	4.19	0.002401	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	7.42	0.004252	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-4.29	-0.002458	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	5.87	0.003364	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-5.81	-0.003330	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-3.65	-0.002092	±2.5	PASS

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