LTE Band 26-2 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
Band26	1.4MHz	64QAM	26797	1RB#0	21.48	PASS
Band26	1.4MHz	64QAM	26797	1RB#2	21.62	PASS
Band26	1.4MHz	64QAM	26797	1RB#5	21.44	PASS
Band26	1.4MHz	64QAM	26797	3RB#0	21.34	PASS
Band26	1.4MHz	64QAM	26797	3RB#1	21.33	PASS
Band26	1.4MHz	64QAM	26797	3RB#3	21.30	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	20.52	PASS
Band26	1.4MHz	64QAM	26915	1RB#0	20.65	PASS
Band26	1.4MHz	64QAM	26915	1RB#2	21.64	PASS
Band26	1.4MHz	64QAM	26915	1RB#5	21.55	PASS
Band26	1.4MHz	64QAM	26915	3RB#0	21.44	PASS
Band26	1.4MHz	64QAM	26915	3RB#1	21.47	PASS
Band26	1.4MHz	64QAM	26915	3RB#3	21.43	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	20.67	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	20.40	PASS
Band26	1.4MHz	64QAM	27033	1RB#2	21.46	PASS
Band26	1.4MHz	64QAM	27033	1RB#5	21.45	PASS
Band26	1.4MHz	64QAM	27033	3RB#0	21.39	PASS
Band26	1.4MHz	64QAM	27033	3RB#1	21.40	PASS
Band26	1.4MHz	64QAM	27033	3RB#3	21.36	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	20.39	PASS
Band26	3MHz	64QAM	26805	1RB#0	21.65	PASS
Band26	3MHz	64QAM	26805	1RB#8	21.66	PASS
Band26	3MHz	64QAM	26805	1RB#14	21.62	PASS
Band26	3MHz	64QAM	26805	8RB#0	20.64	PASS
Band26	3MHz	64QAM	26805	8RB#4	20.66	PASS
Band26	3MHz	64QAM	26805	8RB#7	20.63	PASS
Band26	3MHz	64QAM	26805	15RB#0	20.64	PASS
Band26	3MHz	64QAM	26915	1RB#0	20.59	PASS
Band26	3MHz	64QAM	26915	1RB#8	21.63	PASS
Band26	3MHz	64QAM	26915	1RB#14	21.60	PASS
Band26	3MHz	64QAM	26915	8RB#0	20.68	PASS

Band26	3MHz	64QAM	26915	8RB#4	20.69	PASS
Band26	3MHz	64QAM	26915	8RB#7	20.69	PASS
Band26	3MHz	64QAM	26915	15RB#0	20.63	PASS
Band26	3MHz	64QAM	27025	1RB#0	21.40	PASS
Band26	3MHz	64QAM	27025	1RB#8	21.38	PASS
Band26	3MHz	64QAM	27025	1RB#14	21.42	PASS
Band26	3MHz	64QAM	27025	8RB#0	20.67	PASS
Band26	3MHz	64QAM	27025	8RB#4	20.66	PASS
Band26	3MHz	64QAM	27025	8RB#7	20.65	PASS
Band26	3MHz	64QAM	27025	15RB#0	20.56	PASS
Band26	5MHz	64QAM	26815	1RB#0	21.61	PASS
Band26	5MHz	64QAM	26815	1RB#12	21.73	PASS
Band26	5MHz	64QAM	26815	1RB#24	21.76	PASS
Band26	5MHz	64QAM	26815	12RB#0	20.61	PASS
Band26	5MHz	64QAM	26815	12RB#6	20.64	PASS
Band26	5MHz	64QAM	26815	12RB#13	20.64	PASS
Band26	5MHz	64QAM	26815	25RB#0	20.64	PASS
Band26	5MHz	64QAM	26915	1RB#0	20.70	PASS
Band26	5MHz	64QAM	26915	1RB#12	21.87	PASS
Band26	5MHz	64QAM	26915	1RB#24	21.80	PASS
Band26	5MHz	64QAM	26915	12RB#0	20.81	PASS
Band26	5MHz	64QAM	26915	12RB#6	20.79	PASS
Band26	5MHz	64QAM	26915	12RB#13	20.75	PASS
Band26	5MHz	64QAM	26915	25RB#0	20.69	PASS
Band26	5MHz	64QAM	27015	1RB#0	21.49	PASS
Band26	5MHz	64QAM	27015	1RB#12	21.60	PASS
Band26	5MHz	64QAM	27015	1RB#24	21.46	PASS
Band26	5MHz	64QAM	27015	12RB#0	20.54	PASS
Band26	5MHz	64QAM	27015	12RB#6	20.55	PASS
Band26	5MHz	64QAM	27015	12RB#13	20.56	PASS
Band26	5MHz	64QAM	27015	25RB#0	20.58	PASS
Band26	10MHz	64QAM	26840	1RB#0	21.57	PASS
Band26	10MHz	64QAM	26840	1RB#24	21.67	PASS
Band26	10MHz	64QAM	26840	1RB#49	21.53	PASS
Band26	10MHz	64QAM	26840	25RB#0	20.54	PASS
Band26	10MHz	64QAM	26840	25RB#12	20.59	PASS
Band26	10MHz	64QAM	26840	25RB#25	20.61	PASS

Band26	10MHz	64QAM	26840	50RB#0	20.53	PASS
Band26	10MHz	64QAM	26915	1RB#0	20.74	PASS
Band26	10MHz	64QAM	26915	1RB#24	21.65	PASS
Band26	10MHz	64QAM	26915	1RB#49	21.51	PASS
Band26	10MHz	64QAM	26915	25RB#0	20.67	PASS
Band26	10MHz	64QAM	26915	25RB#12	20.69	PASS
Band26	10MHz	64QAM	26915	25RB#25	20.73	PASS
Band26	10MHz	64QAM	26915	50RB#0	20.75	PASS
Band26	10MHz	64QAM	26990	1RB#0	21.46	PASS
Band26	10MHz	64QAM	26990	1RB#24	21.35	PASS
Band26	10MHz	64QAM	26990	1RB#49	21.34	PASS
Band26	10MHz	64QAM	26990	25RB#0	20.65	PASS
Band26	10MHz	64QAM	26990	25RB#12	20.60	PASS
Band26	10MHz	64QAM	26990	25RB#25	20.57	PASS
Band26	10MHz	64QAM	26990	50RB#0	20.58	PASS
Band26	15MHz	64QAM	26865	1RB#0	21.69	PASS
Band26	15MHz	64QAM	26865	1RB#38	21.81	PASS
Band26	15MHz	64QAM	26865	1RB#74	21.71	PASS
Band26	15MHz	64QAM	26865	38RB#0	21.71	PASS
Band26	15MHz	64QAM	26865	38RB#18	21.69	PASS
Band26	15MHz	64QAM	26865	38RB#37	21.77	PASS
Band26	15MHz	64QAM	26865	75RB#0	20.66	PASS
Band26	15MHz	64QAM	26915	1RB#0	20.65	PASS
Band26	15MHz	64QAM	26915	1RB#38	21.77	PASS
Band26	15MHz	64QAM	26915	1RB#74	21.64	PASS
Band26	15MHz	64QAM	26915	38RB#0	21.77	PASS
Band26	15MHz	64QAM	26915	38RB#18	21.77	PASS
Band26	15MHz	64QAM	26915	38RB#37	21.69	PASS
Band26	15MHz	64QAM	26915	75RB#0	20.62	PASS
Band26	15MHz	64QAM	26965	1RB#0	20.56	PASS
Band26	15MHz	64QAM	26965	1RB#38	21.43	PASS
Band26	15MHz	64QAM	26965	1RB#74	21.22	PASS
Band26	15MHz	64QAM	26965	38RB#0	21.59	PASS
Band26	15MHz	64QAM	26965	38RB#18	21.44	PASS
Band26	15MHz	64QAM	26965	38RB#37	21.44	PASS
Band26	15MHz	64QAM	26965	75RB#0	20.58	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	64QAM	26797	1RB#0	5.11	13	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	5.67	13	PASS
Band26	1.4MHz	64QAM	26915	1RB#0	5.80	13	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	6.33	13	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	5.23	13	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	5.92	13	PASS
Band26	3MHz	64QAM	26805	1RB#0	4.84	13	PASS
Band26	3MHz	64QAM	26805	15RB#0	5.70	13	PASS
Band26	3MHz	64QAM	26915	1RB#0	5.60	13	PASS
Band26	3MHz	64QAM	26915	15RB#0	6.20	13	PASS
Band26	3MHz	64QAM	27025	1RB#0	5.35	13	PASS
Band26	3MHz	64QAM	27025	15RB#0	6.00	13	PASS
Band26	5MHz	64QAM	26815	1RB#0	4.81	13	PASS
Band26	5MHz	64QAM	26815	25RB#0	5.75	13	PASS
Band26	5MHz	64QAM	26915	1RB#0	5.44	13	PASS
Band26	5MHz	64QAM	26915	25RB#0	6.17	13	PASS
Band26	5MHz	64QAM	27015	1RB#0	4.90	13	PASS
Band26	5MHz	64QAM	27015	25RB#0	5.93	13	PASS
Band26	10MHz	64QAM	26840	1RB#0	4.78	13	PASS
Band26	10MHz	64QAM	26840	50RB#0	6.03	13	PASS
Band26	10MHz	64QAM	26915	1RB#0	5.29	13	PASS
Band26	10MHz	64QAM	26915	50RB#0	6.13	13	PASS
Band26	10MHz	64QAM	26990	1RB#0	5.04	13	PASS
Band26	10MHz	64QAM	26990	50RB#0	5.97	13	PASS
Band26	15MHz	64QAM	26865	1RB#0	4.66	13	PASS
Band26	15MHz	64QAM	26865	75RB#0	6.24	13	PASS
Band26	15MHz	64QAM	26915	1RB#0	5.26	13	PASS
Band26	15MHz	64QAM	26915	75RB#0	6.13	13	PASS
Band26	15MHz	64QAM	26965	1RB#0	5.50	13	PASS
Band26	15MHz	64QAM	26965	75RB#0	6.08	13	PASS

Test Graphs

Band26-1.4MHz-64QAM-26797-1RB#0

Band26-1.4MHz-64QAM-26797-6RB#0

Band26-1.4MHz-64QAM-26915-1RB#0

Band26-1.4MHz-64QAM-26915-6RB#0

Band26-1.4MHz-64QAM-27033-1RB#0

Band26-1.4MHz-64QAM-27033-6RB#0

Band26-3MHz-64QAM-26805-1RB#0

Band26-3MHz-64QAM-26805-15RB#0

Band26-3MHz-64QAM-26915-1RB#0

Band26-3MHz-64QAM-26915-15RB#0

Band26-3MHz-64QAM-27025-1RB#0

Band26-3MHz-64QAM-27025-15RB#0

Band26-5MHz-64QAM-26815-1RB#0

Band26-5MHz-64QAM-26815-25RB#0

Band26-5MHz-64QAM-26915-1RB#0

Band26-5MHz-64QAM-26915-25RB#0

Band26-5MHz-64QAM-27015-1RB#0

Band26-5MHz-64QAM-27015-25RB#0

Band26-10MHz-64QAM-26840-1RB#0

Band26-10MHz-64QAM-26840-50RB#0

Band26-10MHz-64QAM-26915-1RB#0

Band26-10MHz-64QAM-26915-50RB#0

Band26-10MHz-64QAM-26990-1RB#0

Band26-10MHz-64QAM-26990-50RB#0

Band26-15MHz-64QAM-26865-1RB#0

Band26-15MHz-64QAM-26865-75RB#0

Band26-15MHz-64QAM-26915-1RB#0

Band26-15MHz-64QAM-26915-75RB#0

Band26-15MHz-64QAM-26965-1RB#0

Band26-15MHz-64QAM-26965-75RB#0

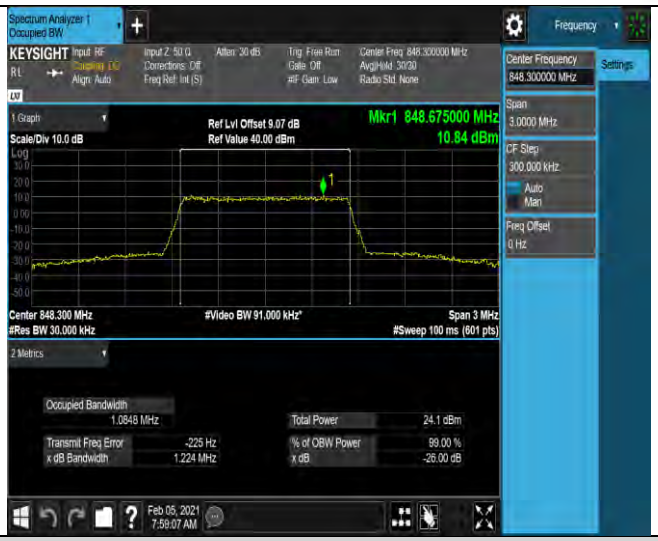
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

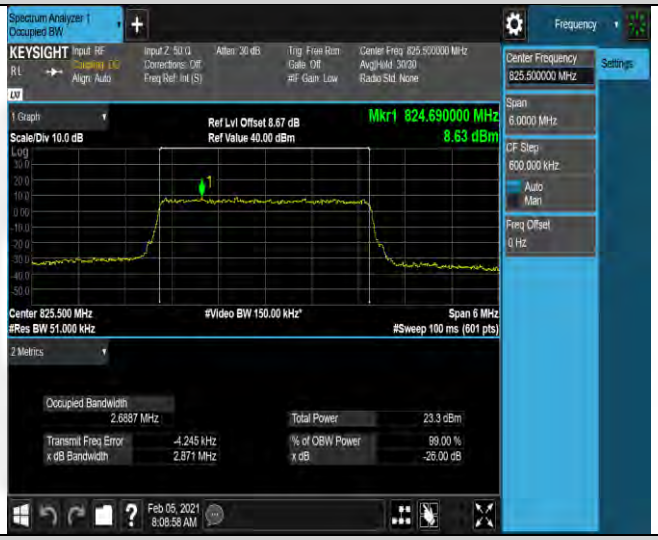
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	64QAM	26797	6RB#0	1.0886	1.220	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	1.0859	1.220	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	1.0848	1.224	PASS
Band26	3MHz	64QAM	26805	15RB#0	2.6887	2.871	PASS
Band26	3MHz	64QAM	26915	15RB#0	2.6880	2.900	PASS
Band26	3MHz	64QAM	27025	15RB#0	2.6963	2.919	PASS
Band26	5MHz	64QAM	26815	25RB#0	4.5028	4.821	PASS
Band26	5MHz	64QAM	26915	25RB#0	4.5055	4.837	PASS
Band26	5MHz	64QAM	27015	25RB#0	4.5041	4.886	PASS
Band26	10MHz	64QAM	26840	50RB#0	8.9720	9.508	PASS
Band26	10MHz	64QAM	26915	50RB#0	8.9608	9.521	PASS
Band26	10MHz	64QAM	26990	50RB#0	8.9881	9.538	PASS
Band26	15MHz	64QAM	26865	75RB#0	13.504	14.23	PASS
Band26	15MHz	64QAM	26915	75RB#0	13.442	14.24	PASS
Band26	15MHz	64QAM	26965	75RB#0	13.419	14.22	PASS

Test Graphs

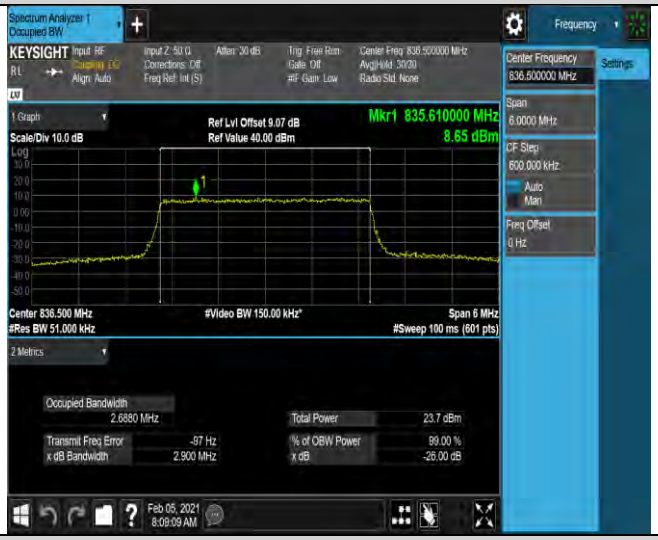
Band26-1.4MHz-64QAM-26797-6RB#0-1.0886
Band26-1.4MHz-64QAM-26915-6RB#0-1.0859
Band26-1.4MHz-64QAM-27033-6RB#0-1.0848



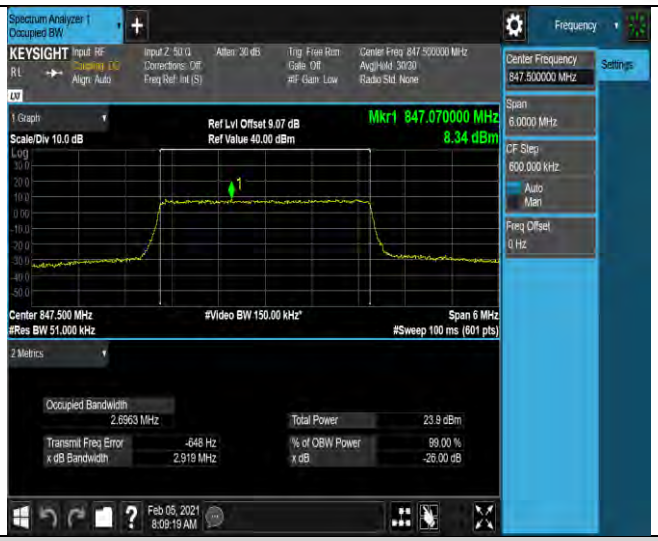
Band26-3MHz-64QAM-26805-15RB#0-2.6887



Band26-3MHz-64QAM-26915-15RB#0-2.6880



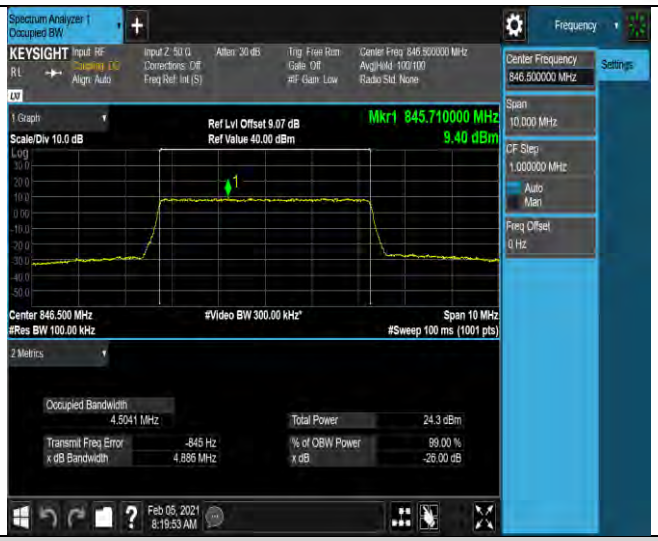
Band26-3MHz-64QAM-27025-15RB#0-2.6963



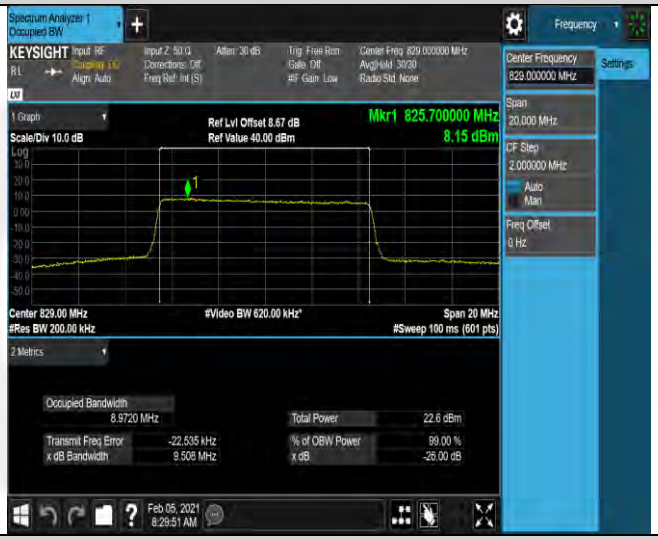
Band26-5MHz-64QAM-26815-25RB#0-4.5028

Band26-5MHz-64QAM-26915-25RB#0-4.5055

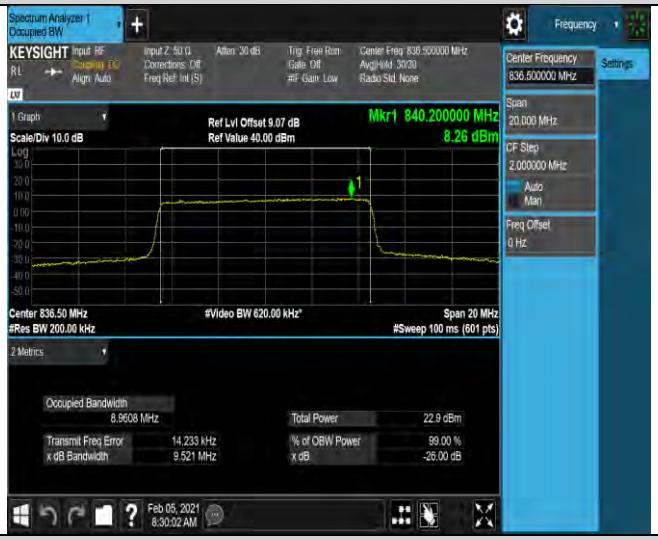
Band26-5MHz-64QAM-27015-25RB#0-4.5041



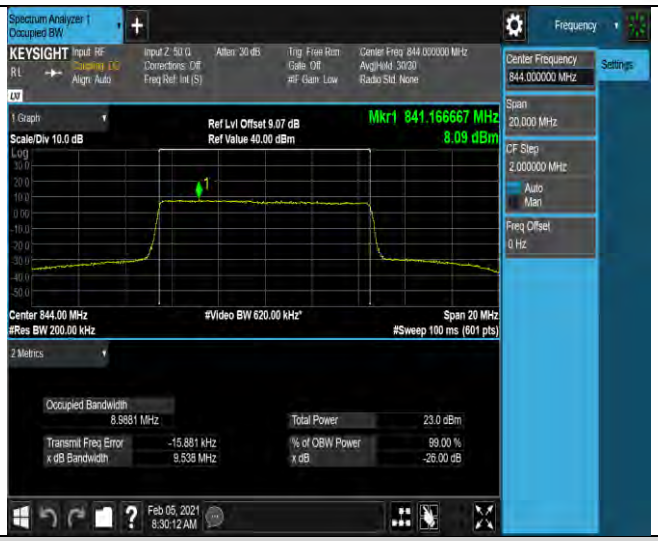
Band26-10MHz-64QAM-26840-50RB#0-8.9720



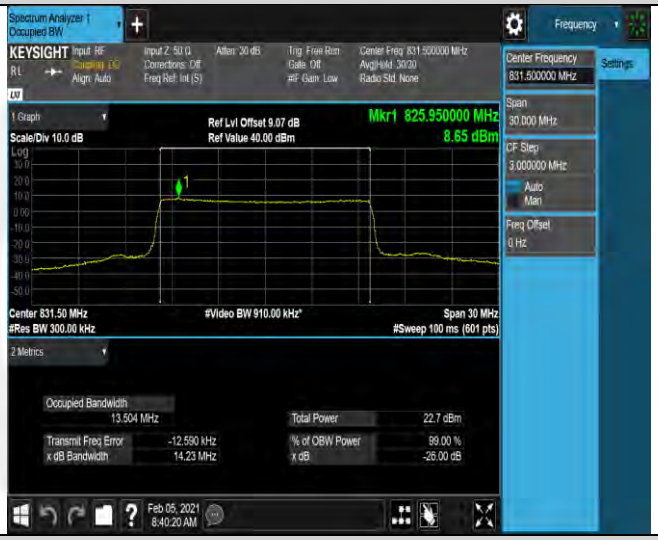
Band26-10MHz-64QAM-26915-50RB#0-8.9608



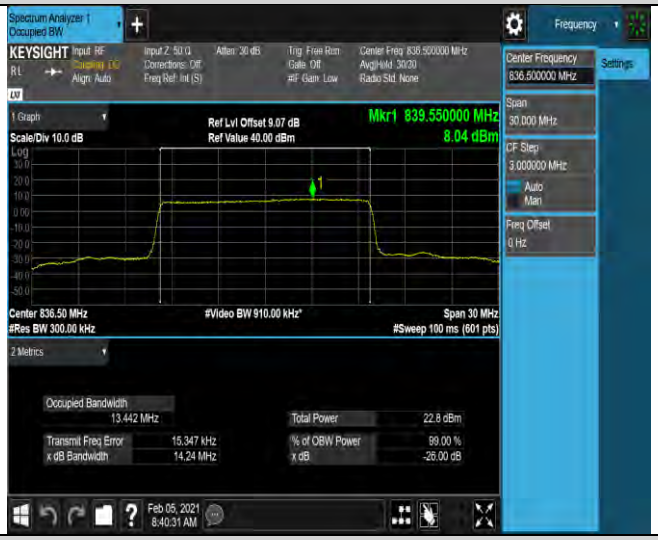
Band26-10MHz-64QAM-26990-50RB#0-8.9881



Band26-15MHz-64QAM-26865-75RB#0-13.504



Band26-15MHz-64QAM-26915-75RB#0-13.442



Band26-15MHz-64QAM-26965-75RB#0-13.419

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: 841.500000 MHz
Avg|Hold: 30/30
Radio Std: None
Frequency
Center Frequency
841.500000 MHz
Settings
Span
30.000 MHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 9.07 dB
Ref Value 40.00 dBm
Mkr1 839.300000 MHz
8.46 dBm
Center 841.50 MHz
#Res BW 300.00 kHz
#Video BW 910.00 kHz*
Span 30 MHz
#Sweep 100 ms (601 pts)
2 Metrics
Occupied Bandwidth
13.419 MHz
Total Power
22.8 dBm
Transmit Freq Error
2.566 kHz
% of OBW Power
99.00 %
x dB Bandwidth
14.22 MHz
x dB
-26.00 dB
Feb 05, 2021
8:40:42 AM

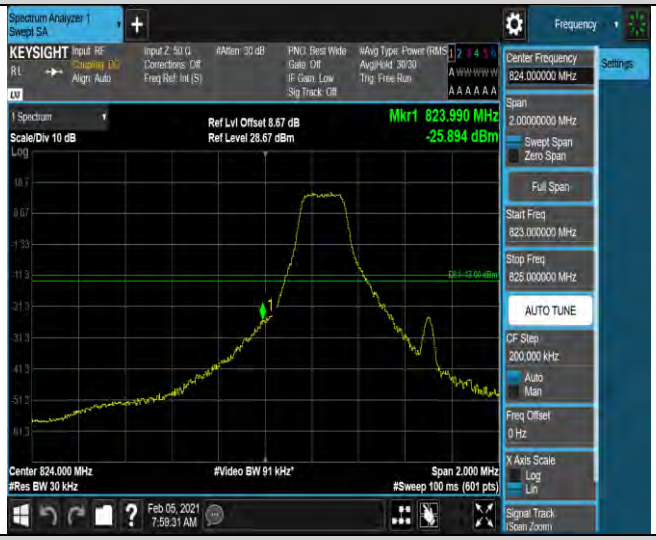
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band26	1.4MHz	64QAM	26797	1RB#0	PASS
Band26	1.4MHz	64QAM	26797	1RB#5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	PASS
Band26	1.4MHz	64QAM	27033	1RB#5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	PASS
Band26	3MHz	64QAM	26805	1RB#0	PASS
Band26	3MHz	64QAM	26805	1RB#14	PASS
Band26	3MHz	64QAM	26805	15RB#0	PASS
Band26	3MHz	64QAM	27025	1RB#0	PASS
Band26	3MHz	64QAM	27025	1RB#14	PASS
Band26	3MHz	64QAM	27025	15RB#0	PASS
Band26	5MHz	64QAM	26815	1RB#0	PASS
Band26	5MHz	64QAM	26815	1RB#24	PASS
Band26	5MHz	64QAM	26815	25RB#0	PASS
Band26	5MHz	64QAM	27015	1RB#0	PASS
Band26	5MHz	64QAM	27015	1RB#24	PASS
Band26	5MHz	64QAM	27015	25RB#0	PASS
Band26	10MHz	64QAM	26840	1RB#0	PASS
Band26	10MHz	64QAM	26840	1RB#49	PASS
Band26	10MHz	64QAM	26840	50RB#0	PASS
Band26	10MHz	64QAM	26990	1RB#0	PASS
Band26	10MHz	64QAM	26990	1RB#49	PASS
Band26	10MHz	64QAM	26990	50RB#0	PASS
Band26	15MHz	64QAM	26865	1RB#0	PASS
Band26	15MHz	64QAM	26865	1RB#74	PASS
Band26	15MHz	64QAM	26865	75RB#0	PASS
Band26	15MHz	64QAM	26965	1RB#0	PASS
Band26	15MHz	64QAM	26965	1RB#74	PASS
Band26	15MHz	64QAM	26965	75RB#0	PASS

Test Graphs

Band26-1.4MHz-64QAM-26797-1RB#0



Band26-1.4MHz-64QAM-26797-1RB#5

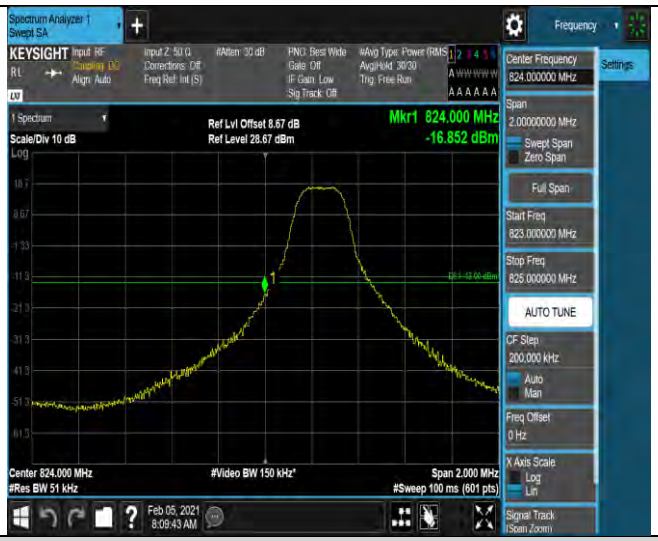
Band26-1.4MHz-64QAM-26797-6RB#0

Band26-1.4MHz-64QAM-27033-1RB#0

Band26-1.4MHz-64QAM-27033-1RB#5

Band26-1.4MHz-64QAM-27033-6RB#0

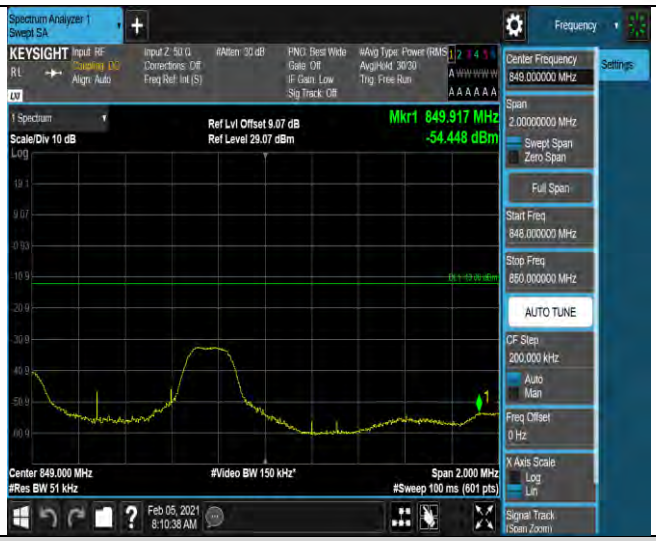
Band26-3MHz-64QAM-26805-1RB#0



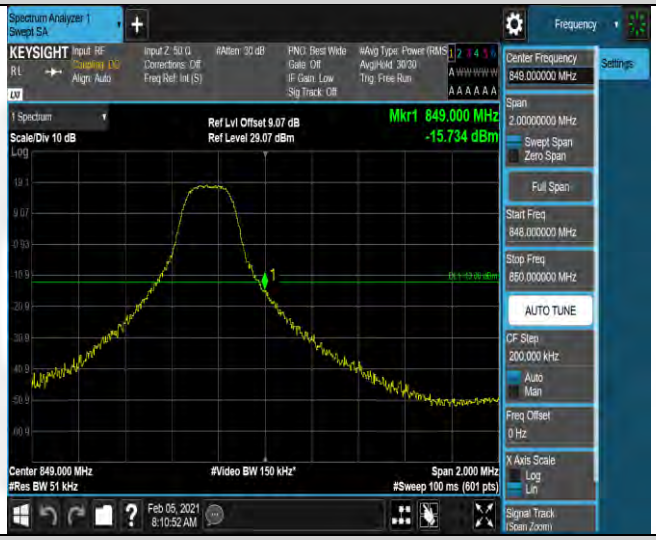
Band26-3MHz-64QAM-26805-1RB#14

Band26-3MHz-64QAM-26805-15RB#0

Band26-3MHz-64QAM-27025-1RB#0

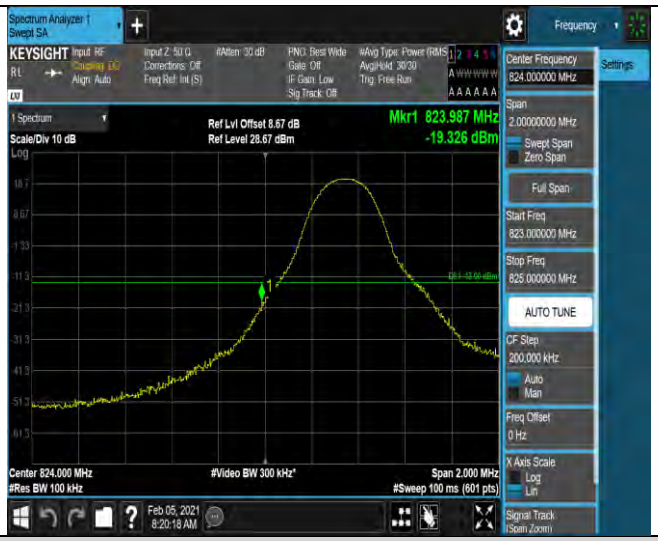


Band26-3MHz-64QAM-27025-1RB#14



Band26-3MHz-64QAM-27025-15RB#0

Band26-5MHz-64QAM-26815-1RB#0

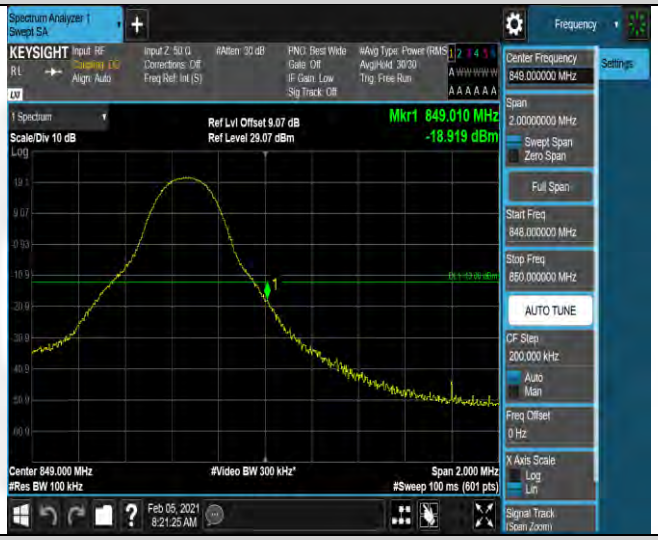


Band26-5MHz-64QAM-26815-1RB#24

Band26-5MHz-64QAM-26815-25RB#0

Band26-5MHz-64QAM-27015-1RB#0

Band26-5MHz-64QAM-27015-1RB#24



Band26-5MHz-64QAM-27015-25RB#0

Band26-10MHz-64QAM-26840-1RB#0

Band26-10MHz-64QAM-26840-1RB#49

Band26-10MHz-64QAM-26840-50RB#0

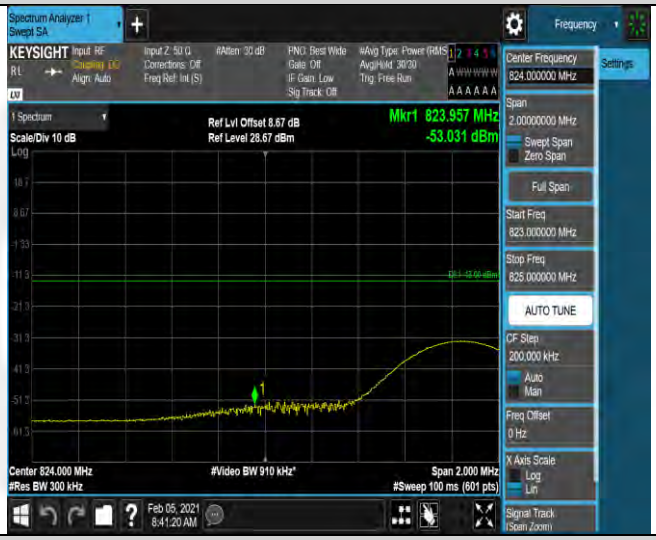
Band26-10MHz-64QAM-26990-1RB#0

Band26-10MHz-64QAM-26990-1RB#49

Band26-10MHz-64QAM-26990-50RB#0

Band26-15MHz-64QAM-26865-1RB#0

Band26-15MHz-64QAM-26865-1RB#74



Band26-15MHz-64QAM-26865-75RB#0

Band26-15MHz-64QAM-26965-1RB#0

Band26-15MHz-64QAM-26965-1RB#74

Band26-15MHz-64QAM-26965-75RB#0

Appendix E: Conducted Spurious Emission

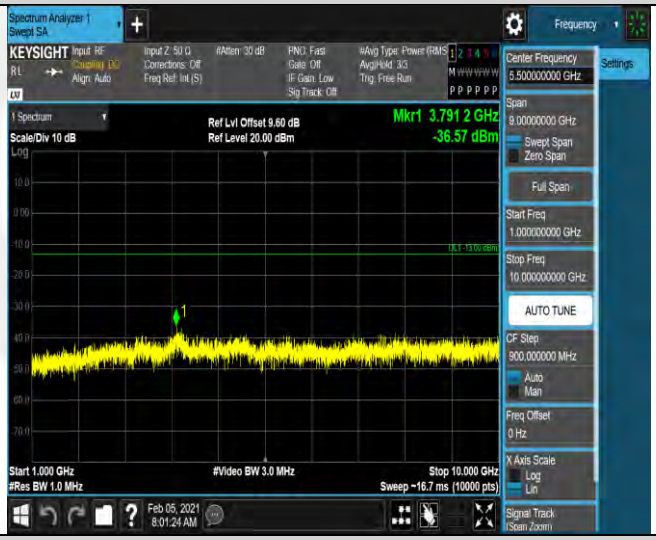
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	64QAM	26797	1RB#0	Range1:30~1000MHz	-45.85	PASS
Band26	1.4MHz	64QAM	26797	1RB#0	Range2:1000~10000MHz	-36.57	PASS
Band26	1.4MHz	64QAM	26915	1RB#0	Range1:30~1000MHz	-47.21	PASS
Band26	1.4MHz	64QAM	26915	1RB#0	Range2:1000~10000MHz	-36.96	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	Range1:30~1000MHz	-46.95	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	Range2:1000~10000MHz	-37.74	PASS
Band26	3MHz	64QAM	26805	1RB#0	Range1:30~1000MHz	-46.5	PASS
Band26	3MHz	64QAM	26805	1RB#0	Range2:1000~10000MHz	-36.91	PASS
Band26	3MHz	64QAM	26915	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band26	3MHz	64QAM	26915	1RB#0	Range2:1000~10000MHz	-37.2	PASS
Band26	3MHz	64QAM	27025	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band26	3MHz	64QAM	27025	1RB#0	Range2:1000~10000MHz	-36.97	PASS
Band26	5MHz	64QAM	26815	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band26	5MHz	64QAM	26815	1RB#0	Range2:1000~10000MHz	-36.52	PASS
Band26	5MHz	64QAM	26915	1RB#0	Range1:30~1000MHz	-47.17	PASS
Band26	5MHz	64QAM	26915	1RB#0	Range2:1000~10000MHz	-36.3	PASS
Band26	5MHz	64QAM	27015	1RB#0	Range1:30~1000MHz	-46.22	PASS
Band26	5MHz	64QAM	27015	1RB#0	Range2:1000~10000MHz	-37.2	PASS
Band26	10MHz	64QAM	26840	1RB#0	Range1:30~1000MHz	-46.92	PASS
Band26	10MHz	64QAM	26840	1RB#0	Range2:1000~10000MHz	-36.52	PASS
Band26	10MHz	64QAM	26915	1RB#0	Range1:30~1000MHz	-46.03	PASS
Band26	10MHz	64QAM	26915	1RB#0	Range2:1000~10000MHz	-36.36	PASS
Band26	10MHz	64QAM	26990	1RB#0	Range1:30~1000MHz	-46.57	PASS
Band26	10MHz	64QAM	26990	1RB#0	Range2:1000~10000MHz	-36.38	PASS
Band26	15MHz	64QAM	26865	1RB#0	Range1:30~1000MHz	-44.98	PASS
Band26	15MHz	64QAM	26865	1RB#0	Range2:1000~10000MHz	-36.69	PASS
Band26	15MHz	64QAM	26915	1RB#0	Range1:30~1000MHz	-46.96	PASS
Band26	15MHz	64QAM	26915	1RB#0	Range2:1000~10000MHz	-37.58	PASS
Band26	15MHz	64QAM	26965	1RB#0	Range1:30~1000MHz	-46.2	PASS
Band26	15MHz	64QAM	26965	1RB#0	Range2:1000~10000MHz	-36.94	PASS

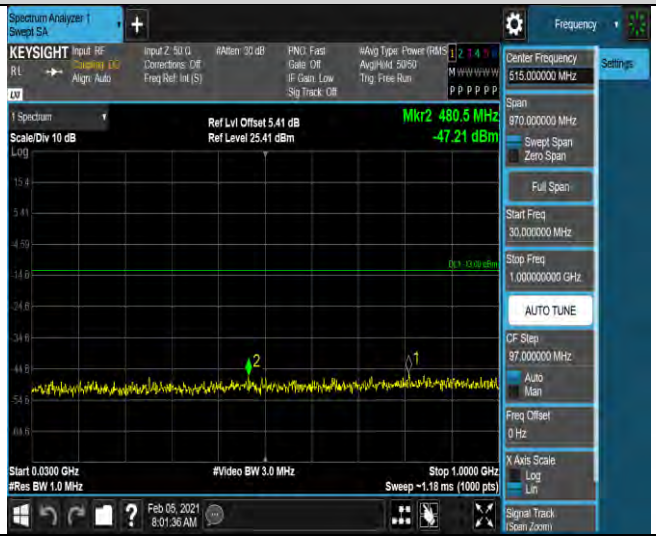
Test Graphs

Band26-1.4MHz-64QAM-26797-1RB#0-Range1:30~1000MHz

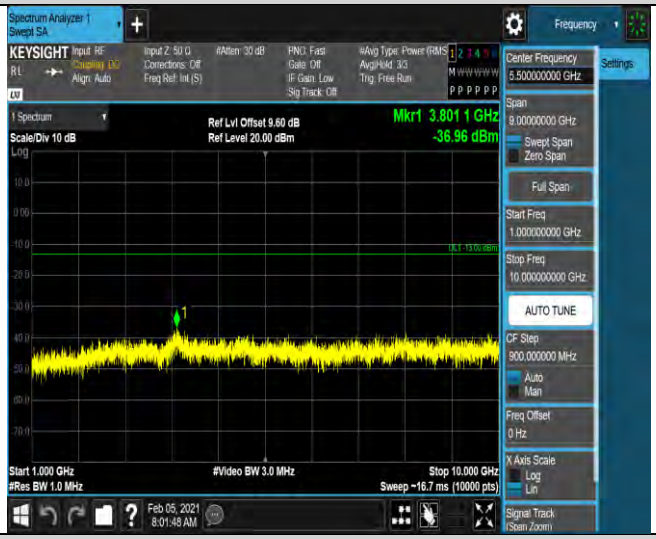
Band26-1.4MHz-64QAM-26797-1RB#0-Range2:1000~10000MHz



Band26-1.4MHz-64QAM-26915-1RB#0-Range1:30~1000MHz

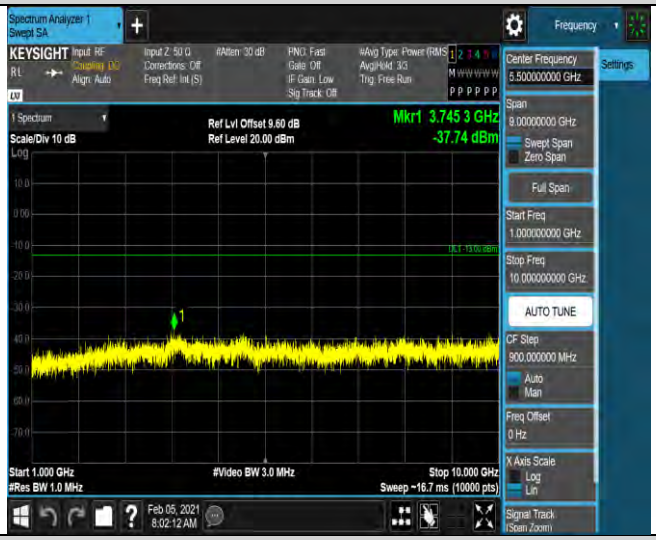


Band26-1.4MHz-64QAM-26915-1RB#0-Range2:1000~10000MHz

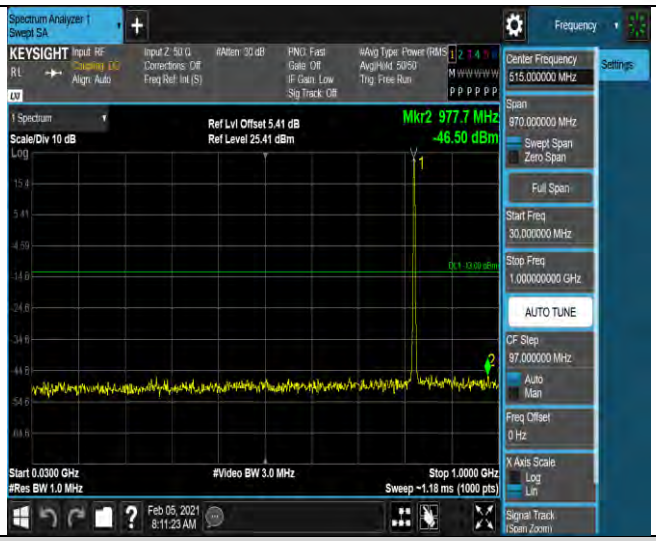


Band26-1.4MHz-64QAM-27033-1RB#0-Range1:30~1000MHz

Band26-1.4MHz-64QAM-27033-1RB#0-Range2:1000~10000MHz



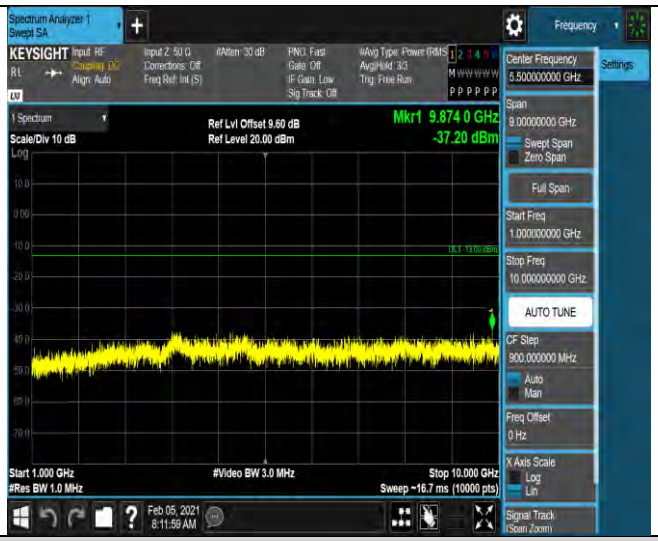
Band26-3MHz-64QAM-26805-1RB#0-Range1:30~1000MHz



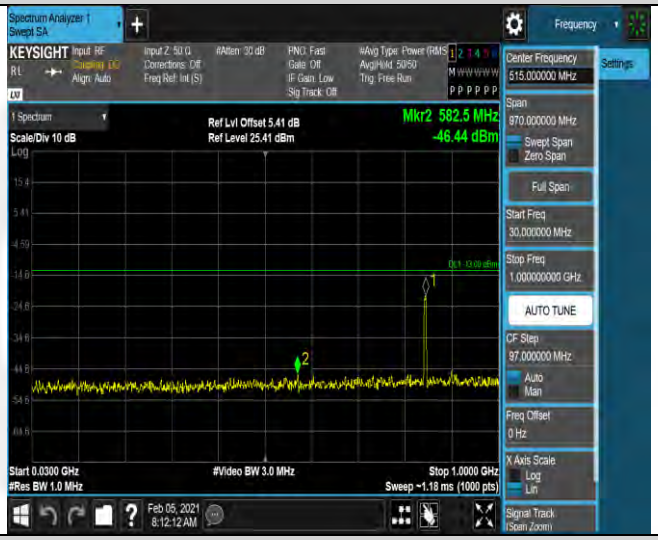
Band26-3MHz-64QAM-26805-1RB#0-Range2:1000~10000MHz

Band26-3MHz-64QAM-26915-1RB#0-Range1:30~1000MHz

Band26-3MHz-64QAM-26915-1RB#0-Range2:1000~10000MHz

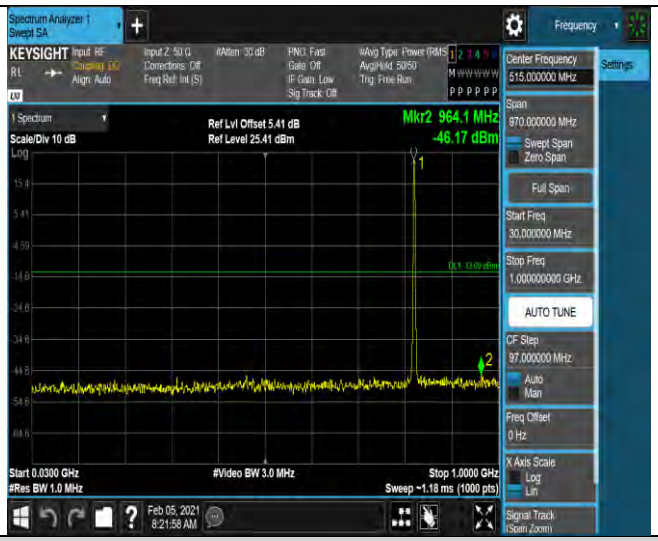


Band26-3MHz-64QAM-27025-1RB#0-Range1:30~1000MHz

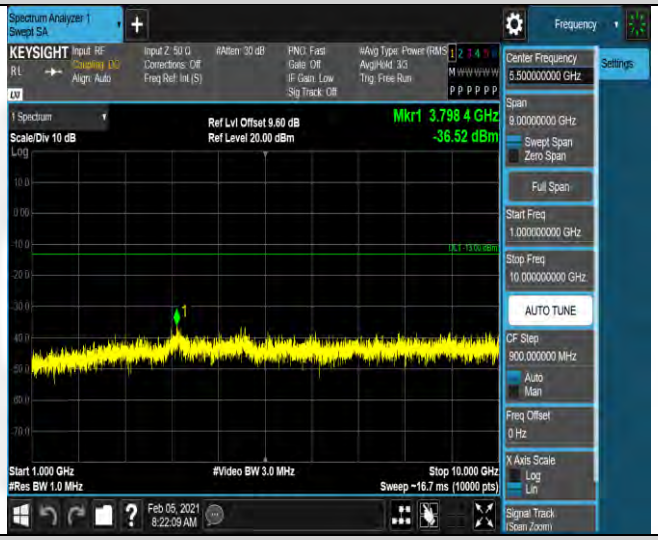


Band26-3MHz-64QAM-27025-1RB#0-Range2:1000~10000MHz

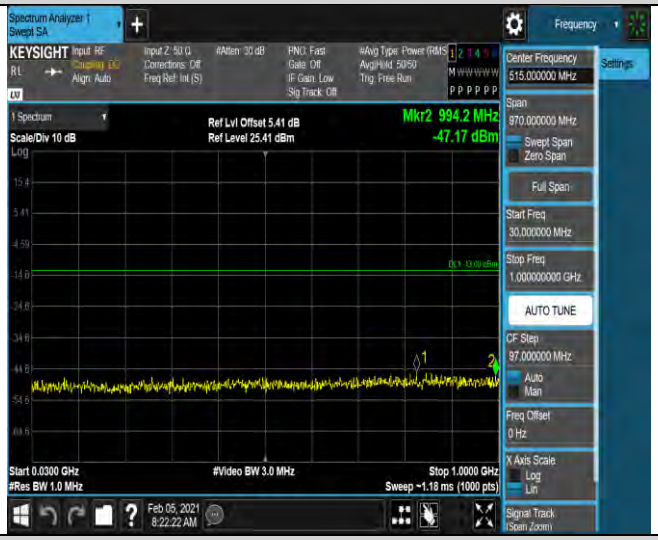
Band26-5MHz-64QAM-26815-1RB#0-Range1:30~1000MHz



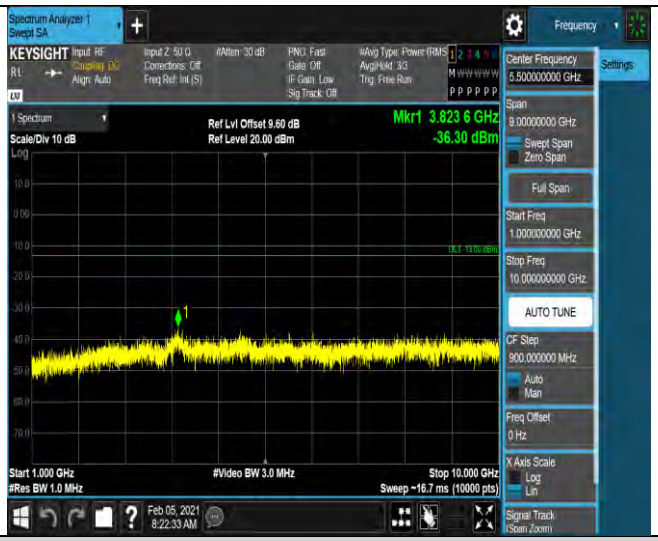
Band26-5MHz-64QAM-26815-1RB#0-Range2:1000~10000MHz



Band26-5MHz-64QAM-26915-1RB#0-Range1:30~1000MHz



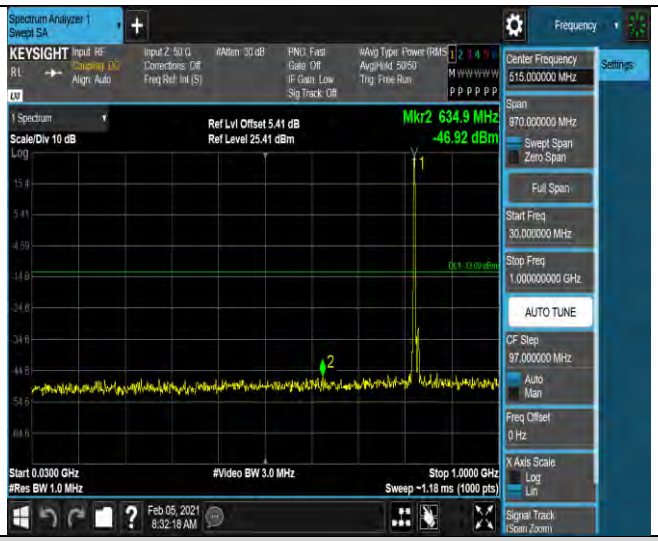
Band26-5MHz-64QAM-26915-1RB#0-Range2:1000~10000MHz



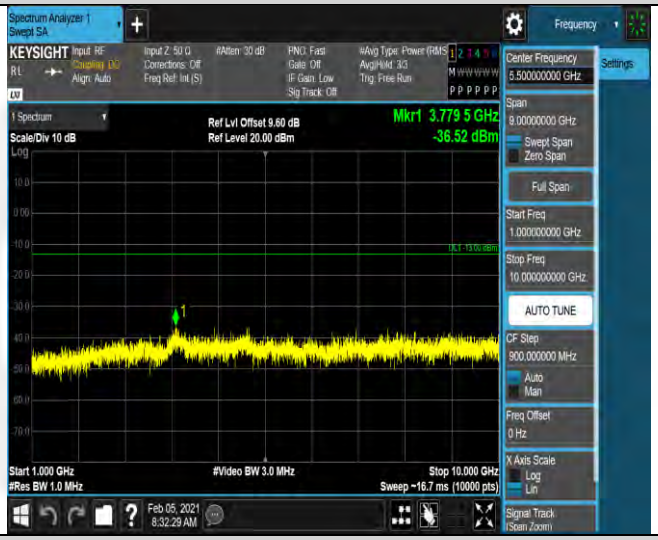
Band26-5MHz-64QAM-27015-1RB#0-Range1:30~1000MHz

Band26-5MHz-64QAM-27015-1RB#0-Range2:1000~10000MHz

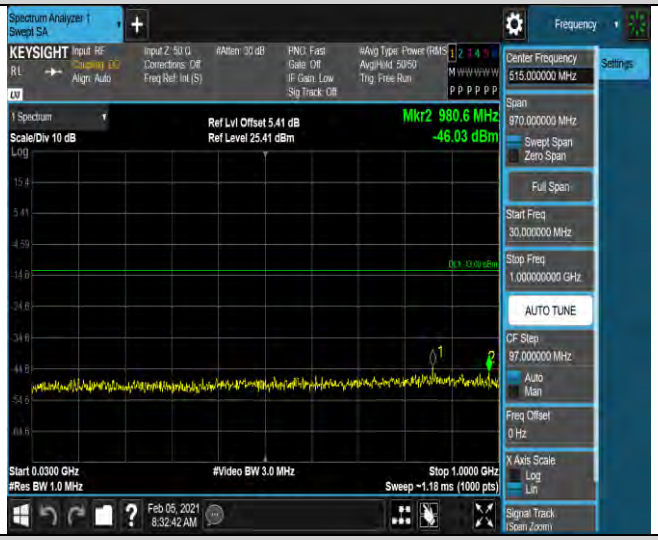
Band26-10MHz-64QAM-26840-1RB#0-Range1:30~1000MHz



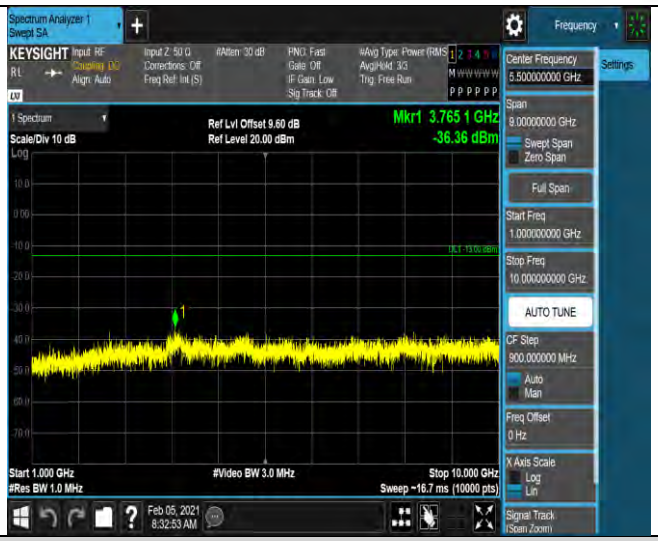
Band26-10MHz-64QAM-26840-1RB#0-Range2:1000~10000MHz



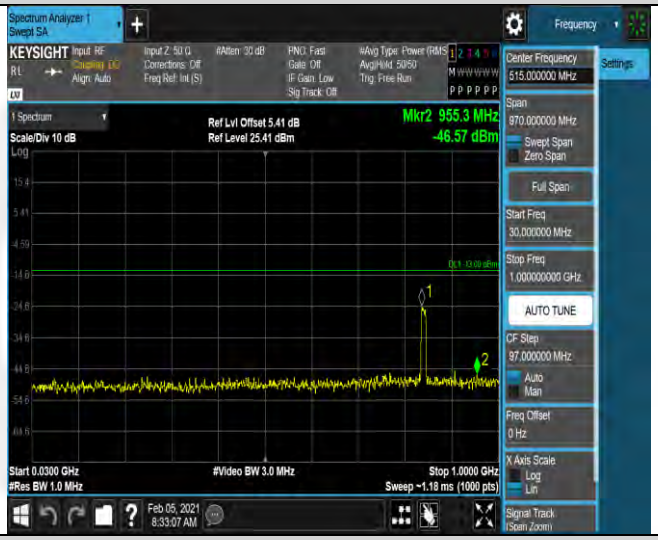
Band26-10MHz-64QAM-26915-1RB#0-Range1:30~1000MHz



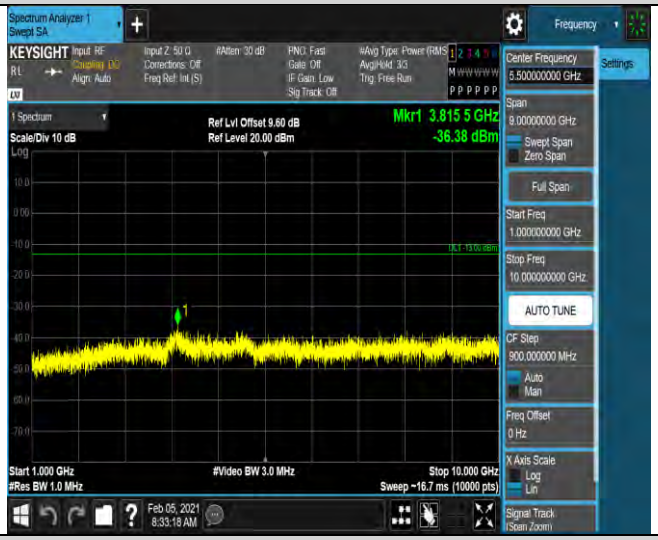
Band26-10MHz-64QAM-26915-1RB#0-Range2:1000~10000MHz



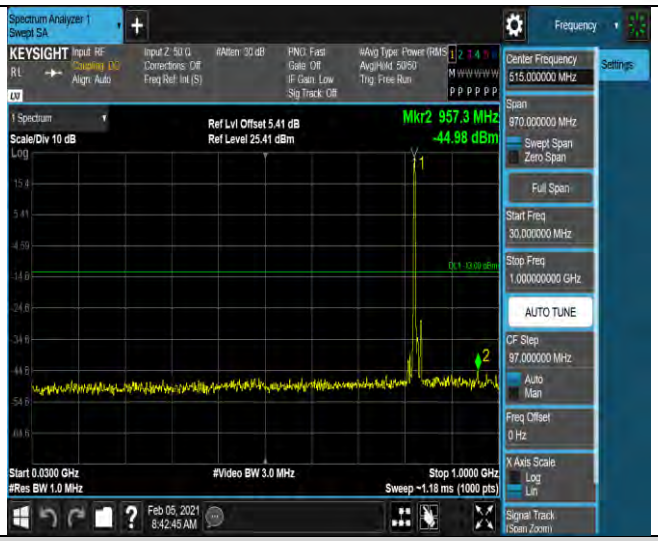
Band26-10MHz-64QAM-26990-1RB#0-Range1:30~1000MHz



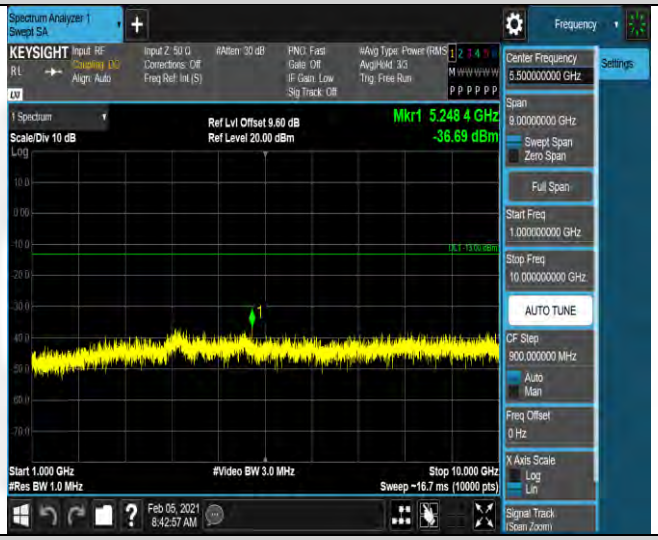
Band26-10MHz-64QAM-26990-1RB#0-Range2:1000~10000MHz



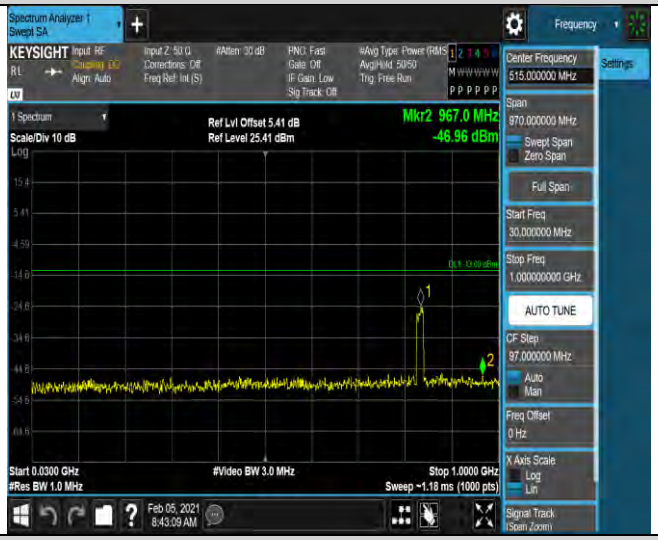
Band26-15MHz-64QAM-26865-1RB#0-Range1:30~1000MHz



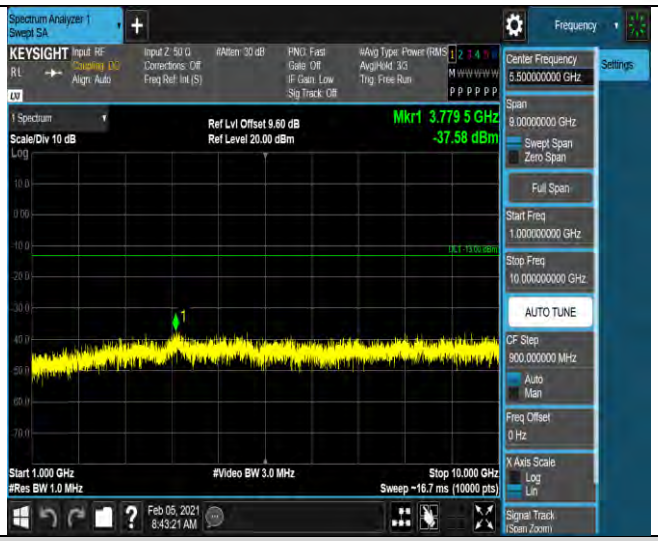
Band26-15MHz-64QAM-26865-1RB#0-Range2:1000~10000MHz



Band26-15MHz-64QAM-26915-1RB#0-Range1:30~1000MHz



Band26-15MHz-64QAM-26915-1RB#0-Range2:1000~10000MHz



Band26-15MHz-64QAM-26965-1RB#0-Range1:30~1000MHz

Band26-15MHz-64QAM-26965-1RB#0-Range2:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	1.4MHz	64QAM	26797	6RB#0	VL	NT	2.47	0.002995	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	VN	NT	5.48	0.006645	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	VH	NT	-5.68	-0.006887	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	VL	NT	7.50	0.008966	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	VN	NT	6.85	0.008189	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	VH	NT	1.60	0.001913	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	VL	NT	25.05	0.029530	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	VN	NT	9.63	0.011352	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	VH	NT	23.30	0.027467	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	VL	NT	5.32	0.006445	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	VN	NT	5.28	0.006396	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	VH	NT	3.86	0.004676	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	VL	NT	-8.01	-0.009576	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	VN	NT	-4.92	-0.005882	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	VH	NT	-3.00	-0.003586	±2.5	PASS
Band2	3MHz	64QAM	27025	15RB#0	VL	NT	-14.26	-0.016826	±2.5	PASS

6										
Band26	3MHz	64QAM	27025	15RB#0	VN	NT	9.46	0.011162	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	VH	NT	-9.44	-0.011139	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	VL	NT	-6.67	-0.008070	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	VN	NT	2.68	0.003243	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	VH	NT	-5.98	-0.007235	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	VL	NT	-2.36	-0.002821	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	VN	NT	-9.10	-0.010879	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	VH	NT	-6.85	-0.008189	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	VL	NT	5.02	0.005930	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	VN	NT	6.52	0.007702	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	VH	NT	7.27	0.008588	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	VL	NT	7.67	0.009252	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	VN	NT	7.72	0.009312	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	VH	NT	3.95	0.004765	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	VL	NT	-9.74	-0.011644	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	VN	NT	-9.90	-0.011835	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	VH	NT	-10.46	-0.012504	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	VL	NT	-11.24	-0.013318	±2.5	PASS

Band26	10MHz	64QAM	26990	50RB#0	VN	NT	-10.30	-0.012204	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	VH	NT	-5.92	-0.007014	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	VL	NT	-3.32	-0.003993	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	VN	NT	-4.41	-0.005304	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	VH	NT	5.19	0.006242	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	VL	NT	-11.17	-0.013353	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	VN	NT	-7.97	-0.009528	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	VH	NT	-8.40	-0.010042	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	VL	NT	-3.93	-0.004670	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	VN	NT	-5.44	-0.006465	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	VH	NT	-2.12	-0.002519	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	1.4MHz	64QAM	26797	6RB#0	NV	-30	6.08	0.007372	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	NV	-20	-9.76	-0.011835	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	NV	-10	6.95	0.008427	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	NV	0	-16.59	-0.020116	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	NV	10	3.06	0.003710	±2.5	PASS
Band2	1.4MHz	64QAM	26797	6RB#0	NV	20	-12.52	-0.015181	±2.5	PASS

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Band26	1.4MHz	64QAM	26797	6RB#0	NV	30	-12.59	-0.015266	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	NV	40	-9.96	-0.012077	±2.5	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	NV	50	-7.57	-0.009179	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	-30	2.83	0.003383	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	-20	-3.43	-0.004100	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	-10	-11.82	-0.014130	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	0	-14.39	-0.017203	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	10	-9.30	-0.011118	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	20	-5.99	-0.007161	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	30	-6.41	-0.007663	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	40	-6.02	-0.007197	±2.5	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	NV	50	7.27	0.008691	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	-30	19.96	0.023529	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	-20	15.23	0.017954	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	-10	-6.25	-0.007368	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	0	-5.79	-0.006825	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	10	-8.35	-0.009843	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	20	-13.42	-0.015820	±2.5	PASS

Band26	1.4MHz	64QAM	27033	6RB#0	NV	30	10.86	0.012802	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	40	-3.06	-0.003607	±2.5	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	NV	50	-5.34	-0.006295	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	-30	7.72	0.009352	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	-20	8.71	0.010551	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	-10	3.98	0.004821	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	0	-2.35	-0.002847	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	10	8.51	0.010309	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	20	5.05	0.006118	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	30	2.72	0.003295	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	40	2.02	0.002447	±2.5	PASS
Band26	3MHz	64QAM	26805	15RB#0	NV	50	6.85	0.008298	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	-30	-4.31	-0.005152	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	-20	-5.04	-0.006025	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	-10	-10.34	-0.012361	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	0	-4.05	-0.004842	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	10	-8.48	-0.010137	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	20	-4.29	-0.005129	±2.5	PASS
Band2	3MHz	64QAM	26915	15RB#0	NV	30	-7.40	-0.008846	±2.5	PASS

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Band26	3MHz	64QAM	26915	15RB#0	NV	40	-7.93	-0.009480	±2.5	PASS
Band26	3MHz	64QAM	26915	15RB#0	NV	50	-1.99	-0.002379	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	-30	-9.57	-0.011292	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	-20	-4.46	-0.005263	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	-10	-13.22	-0.015599	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	0	-12.12	-0.014301	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	10	-9.44	-0.011139	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	20	-14.32	-0.016897	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	30	-5.18	-0.006112	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	40	-13.43	-0.015847	±2.5	PASS
Band26	3MHz	64QAM	27025	15RB#0	NV	50	-14.98	-0.017676	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	-30	-5.84	-0.007066	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	-20	2.85	0.003448	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	-10	-2.92	-0.003533	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	0	-1.76	-0.002129	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	10	2.23	0.002698	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	20	-4.38	-0.005299	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	30	1.66	0.002008	±2.5	PASS

Band26	5MHz	64QAM	26815	25RB#0	NV	40	-3.92	-0.004743	±2.5	PASS
Band26	5MHz	64QAM	26815	25RB#0	NV	50	1.56	0.001887	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	-30	-7.12	-0.008512	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	-20	-3.59	-0.004292	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	-10	-4.88	-0.005834	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	0	-4.51	-0.005392	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	10	-8.84	-0.010568	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	20	-9.76	-0.011668	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	30	-2.70	-0.003228	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	40	-10.20	-0.012194	±2.5	PASS
Band26	5MHz	64QAM	26915	25RB#0	NV	50	-6.08	-0.007268	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	-30	-2.15	-0.002540	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	-20	7.17	0.008470	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	-10	-2.46	-0.002906	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	0	6.07	0.007171	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	10	5.12	0.006048	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	20	-1.72	-0.002032	±2.5	PASS
Band26	5MHz	64QAM	27015	25RB#0	NV	30	-3.03	-0.003579	±2.5	PASS
Band2	5MHz	64QAM	27015	25RB#0	NV	40	-2.27	-0.002682	±2.5	PASS

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Band26	5MHz	64QAM	27015	25RB#0	NV	50	3.92	0.004631	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	-30	3.69	0.004451	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	-20	10.17	0.012268	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	-10	8.48	0.010229	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	0	2.83	0.003414	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	10	6.67	0.008046	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	20	7.27	0.008770	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	30	4.31	0.005199	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	40	9.86	0.011894	±2.5	PASS
Band26	10MHz	64QAM	26840	50RB#0	NV	50	4.45	0.005368	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	-30	-3.85	-0.004603	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	-20	-9.66	-0.011548	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	-10	-4.05	-0.004842	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	0	-8.40	-0.010042	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	10	-9.26	-0.011070	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	20	-8.03	-0.009600	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	30	-6.35	-0.007591	±2.5	PASS
Band26	10MHz	64QAM	26915	50RB#0	NV	40	-7.18	-0.008583	±2.5	PASS

Band26	10MHz	64QAM	26915	50RB#0	NV	50	-2.22	-0.002654	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	-30	-6.98	-0.008270	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	-20	-4.55	-0.005391	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	-10	-6.97	-0.008258	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	0	-7.14	-0.008460	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	10	-7.51	-0.008898	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	20	-10.17	-0.012050	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	30	-6.78	-0.008033	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	40	-5.82	-0.006896	±2.5	PASS
Band26	10MHz	64QAM	26990	50RB#0	NV	50	-6.01	-0.007121	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	-30	2.39	0.002874	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	-20	-3.65	-0.004390	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	-10	-2.29	-0.002754	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	0	1.50	0.001804	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	10	-3.55	-0.004269	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	20	4.89	0.005881	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	30	4.65	0.005592	±2.5	PASS
Band26	15MHz	64QAM	26865	75RB#0	NV	40	5.06	0.006085	±2.5	PASS
Band2	15MHz	64QAM	26865	75RB#0	NV	50	-3.50	-0.004209	±2.5	PASS

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Band26	15MHz	64QAM	26915	75RB#0	NV	-30	-10.21	-0.012206	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	-20	-10.00	-0.011955	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	-10	-10.59	-0.012660	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	0	-8.87	-0.010604	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	10	-4.45	-0.005320	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	20	-8.88	-0.010616	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	30	-7.61	-0.009097	±2.5	PASS
Band26	15MHz	64QAM	26915	75RB#0	NV	40	-10.53	-0.012588	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	-30	3.32	0.003945	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	-20	-6.82	-0.008105	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	-10	-7.85	-0.009329	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	0	-4.15	-0.004932	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	10	-1.63	-0.001937	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	20	2.35	0.002793	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	30	-2.52	-0.002995	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	40	1.24	0.001474	±2.5	PASS
Band26	15MHz	64QAM	26965	75RB#0	NV	50	-2.15	-0.002555	±2.5	PASS

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