LTE Band26
QPSK/16QAM Test Data

Report No. ENS2207140201W00207R Page 22
Appendix A: Effective (Isotropic) Radiated Power Output Data

Report No. ENS2207140201W00207R Page 44
Appendix B: Peak-to-Average Ratio

Report No. ENS2207140201W00207R Page 27
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Report No. ENS2207140201W00207R Page 28
Appendix D: Band Edge

Report No. ENS2207140201W00207R Page 30
Appendix E: Conducted Spurious Emission

Report No. ENS2207140201W00207R Page 43
Appendix F: Frequency Stability

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.68	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.70	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.65	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	22.67	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.64	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	22.61	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.67	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.69	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.78	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.76	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.75	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.74	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.75	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.74	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.63	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.77	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.76	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.59	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.60	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.73	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.65	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	21.84	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.82	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.78	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	21.57	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	21.55	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	21.55	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.74	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.91	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.99	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.93	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	21.65	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	21.64	PASS

Band26	1.4MHz	16QAM	26740	3RB#3	21.61	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.60	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.50	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.74	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.63	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	21.48	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	21.47	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.60	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.70	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.67	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.71	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.56	PASS
Band26	3MHz	QPSK	26705	8RB#0	21.74	PASS
Band26	3MHz	QPSK	26705	8RB#4	21.72	PASS
Band26	3MHz	QPSK	26705	8RB#7	21.64	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.71	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.69	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.73	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.82	PASS
Band26	3MHz	QPSK	26740	8RB#0	21.80	PASS
Band26	3MHz	QPSK	26740	8RB#4	21.77	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.78	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.81	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.76	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.70	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.81	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.71	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.72	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.80	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.68	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.89	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.01	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.75	PASS
Band26	3MHz	16QAM	26705	8RB#0	20.77	PASS
Band26	3MHz	16QAM	26705	8RB#4	20.77	PASS
Band26	3MHz	16QAM	26705	8RB#7	20.68	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.77	PASS

Band26	3MHz	16QAM	26740	1RB#0	21.89	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.01	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.97	PASS
Band26	3MHz	16QAM	26740	8RB#0	20.83	PASS
Band26	3MHz	16QAM	26740	8RB#4	20.83	PASS
Band26	3MHz	16QAM	26740	8RB#7	20.83	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.67	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.60	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.62	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.78	PASS
Band26	3MHz	16QAM	26775	8RB#0	20.75	PASS
Band26	3MHz	16QAM	26775	8RB#4	20.75	PASS
Band26	3MHz	16QAM	26775	8RB#7	20.85	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.67	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.85	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.78	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.83	PASS
Band26	5MHz	QPSK	26715	12RB#0	21.76	PASS
Band26	5MHz	QPSK	26715	12RB#6	21.77	PASS
Band26	5MHz	QPSK	26715	12RB#13	21.66	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.70	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.79	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.95	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.83	PASS
Band26	5MHz	QPSK	26740	12RB#0	21.72	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.71	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.81	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.82	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.83	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.84	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.92	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.69	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.71	PASS
Band26	5MHz	QPSK	26765	12RB#13	21.70	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.72	PASS
Band26	5MHz	16QAM	26715	1RB#0	21.84	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.74	PASS

Band26	5MHz	16QAM	26715	1RB#24	21.83	PASS
Band26	5MHz	16QAM	26715	12RB#0	20.74	PASS
Band26	5MHz	16QAM	26715	12RB#6	20.78	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.68	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.68	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.05	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.15	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.12	PASS
Band26	5MHz	16QAM	26740	12RB#0	20.78	PASS
Band26	5MHz	16QAM	26740	12RB#6	20.79	PASS
Band26	5MHz	16QAM	26740	12RB#13	20.87	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.82	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.76	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.86	PASS
Band26	5MHz	16QAM	26765	1RB#24	21.93	PASS
Band26	5MHz	16QAM	26765	12RB#0	20.76	PASS
Band26	5MHz	16QAM	26765	12RB#6	20.74	PASS
Band26	5MHz	16QAM	26765	12RB#13	20.77	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.78	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.85	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.77	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.82	PASS
Band26	10MHz	QPSK	26740	25RB#0	21.77	PASS
Band26	10MHz	QPSK	26740	25RB#12	21.77	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.79	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.80	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.96	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.94	PASS
Band26	10MHz	16QAM	26740	1RB#49	21.98	PASS
Band26	10MHz	16QAM	26740	25RB#0	20.73	PASS
Band26	10MHz	16QAM	26740	25RB#12	20.71	PASS
Band26	10MHz	16QAM	26740	25RB#25	20.79	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.80	PASS
Band26	15MHz	QPSK	26765	1RB#0	22.89	PASS
Band26	15MHz	QPSK	26765	1RB#38	22.71	PASS
Band26	15MHz	QPSK	26765	1RB#74	22.85	PASS
Band26	15MHz	QPSK	26765	38RB#0	21.66	PASS

Band26	15MHz	QPSK	26765	38RB#18	21.69	PASS
Band26	15MHz	QPSK	26765	38RB#37	21.75	PASS
Band26	15MHz	QPSK	26765	75RB#0	21.74	PASS
Band26	15MHz	16QAM	26765	1RB#0	21.99	PASS
Band26	15MHz	16QAM	26765	1RB#38	22.01	PASS
Band26	15MHz	16QAM	26765	1RB#74	22.01	PASS
Band26	15MHz	16QAM	26765	38RB#0	21.72	PASS
Band26	15MHz	16QAM	26765	38RB#18	21.71	PASS
Band26	15MHz	16QAM	26765	38RB#37	21.74	PASS
Band26	15MHz	16QAM	26765	75RB#0	20.66	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	5.22	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.28	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	5.34	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	6.08	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	6.15	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	6.29	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.18	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.14	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.31	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	6.13	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	6.05	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	6.23	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	5.31	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.24	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	5.37	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	6.08	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	6.06	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	6.23	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	5.34	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.18	13	PASS
Band26	15MHz	QPSK	26765	75RB#0	5.43	13	PASS
Band26	15MHz	16QAM	26765	75RB#0	6.18	13	PASS

Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0
Band26-1.4MHz-QPSK-26740-6RB#0
Band26-1.4MHz-QPSK-26783-6RB#0

Band26-1.4MHz-16QAM-26697-6RB#0

Band26-1.4MHz-16QAM-26740-6RB#0

Band26-1.4MHz-16QAM-26783-6RB#0

Band26-3MHz-QPSK-26705-15RB#0

Band26-3MHz-QPSK-26740-15RB#0

Band26-3MHz-QPSK-26775-15RB#0

Band26-3MHz-16QAM-26705-15RB#0

Band26-3MHz-16QAM-26740-15RB#0

Band26-3MHz-16QAM-26775-15RB#0

Band26-5MHz-QPSK-26715-25RB#0

Band26-5MHz-QPSK-26740-25RB#0

Band26-5MHz-QPSK-26765-25RB#0

Band26-5MHz-16QAM-26715-25RB#0

Band26-5MHz-16QAM-26740-25RB#0

Band26-5MHz-16QAM-26765-25RB#0

Band26-10MHz-QPSK-26740-50RB#0

Band26-10MHz-16QAM-26740-50RB#0

Band26-15MHz-QPSK-26765-75RB#0

Band26-15MHz-16QAM-26765-75RB#0

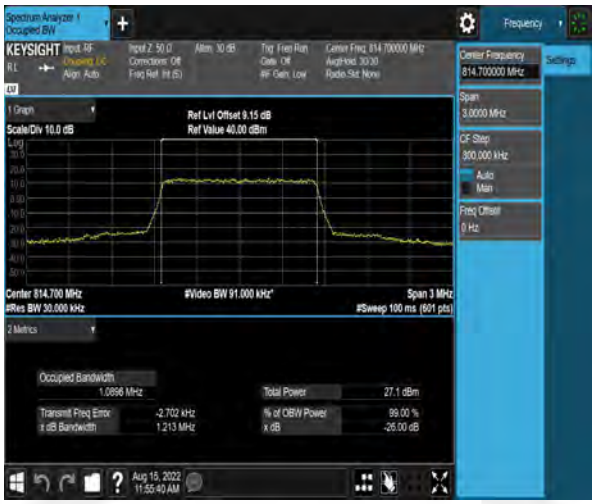
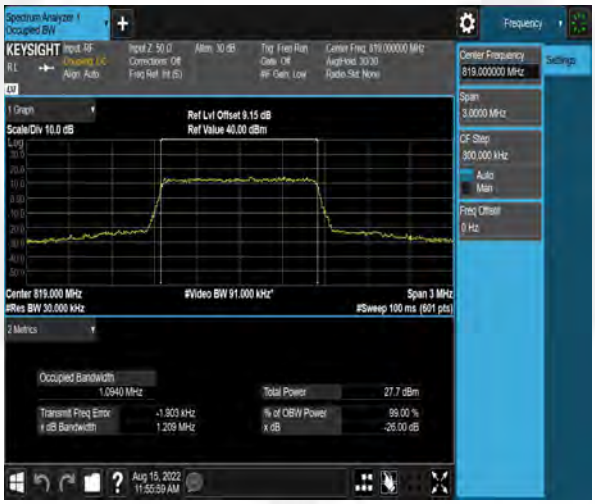
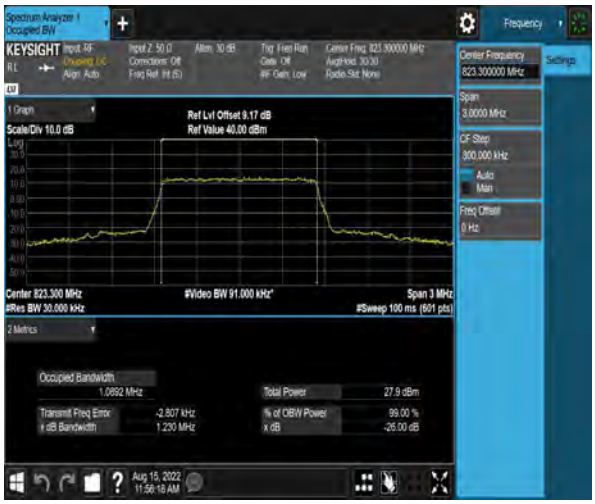
Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Frequency
Center Frequency
821.500000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
2 Graph
Gaussian
Average Power
24.24 dBm
42.35 % at 0 dB
10.0 %
3.13 dB
1.0 %
5.30 dB
0.1 %
6.18 dB
0.01 %
6.66 dB
0.001 %
6.96 dB
0.0001 %
7.09 dB
Peak
7.17 dB
31.41 dBm
0.00 dB
20.00 dB
Info BW 25.000 MHz
Aug 15, 2022
12:50:35 PM

Appendix C: 26dB Bandwidth and Occupied Bandwidth

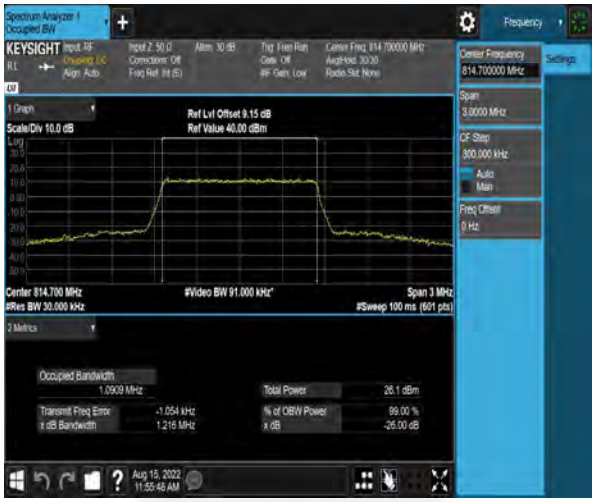
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.0896	1.213	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.0940	1.209	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.0892	1.230	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.0909	1.216	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.0904	1.233	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.0898	1.213	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.6961	2.906	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.6988	2.898	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.6969	2.903	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.6909	2.928	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.6927	2.929	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.6979	2.895	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.5078	4.868	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.5001	4.863	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.5050	4.840	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.5098	4.862	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.5008	4.888	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.4994	4.849	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.9914	9.562	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.9859	9.551	PASS
Band26	15MHz	QPSK	26765	75RB#0	13.444	14.28	PASS
Band26	15MHz	16QAM	26765	75RB#0	13.451	14.25	PASS

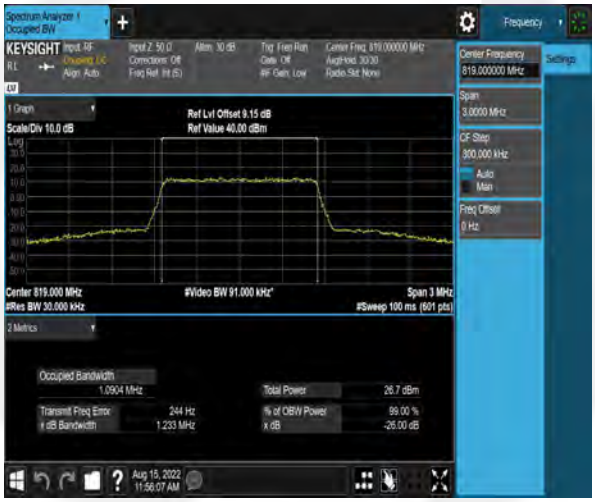
Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0

Band26-1.4MHz-QPSK-26740-6RB#0

Band26-1.4MHz-QPSK-26783-6RB#0


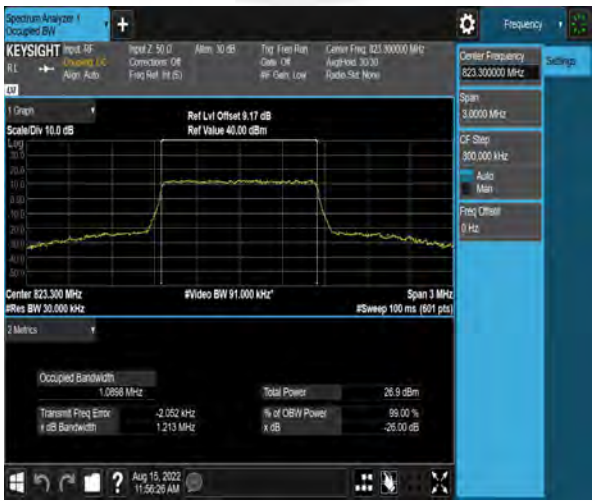
Band26-1.4MHz-16QAM-26697-6RB#0



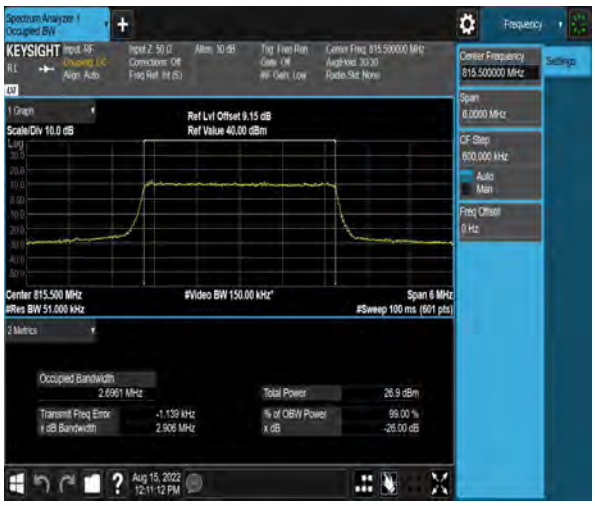
Band26-1.4MHz-16QAM-26740-6RB#0



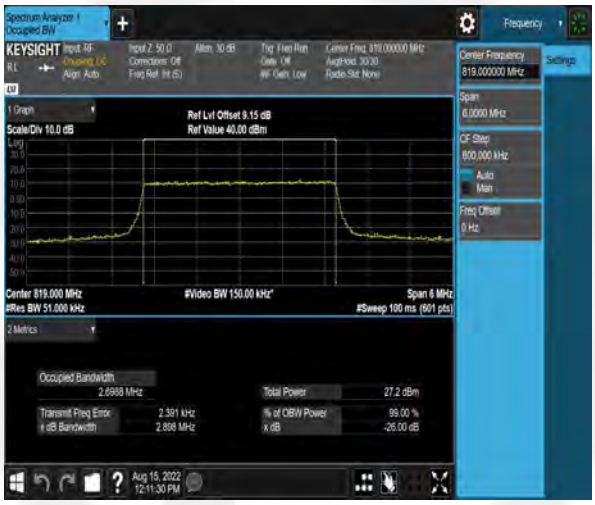
Band26-1.4MHz-16QAM-26783-6RB#0



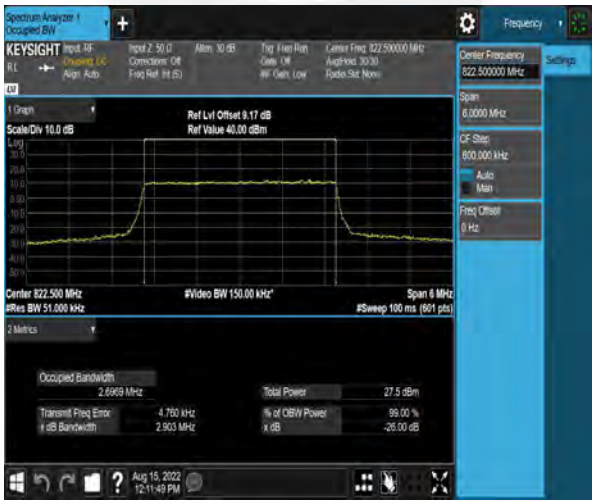
Band26-3MHz-QPSK-26705-15RB#0



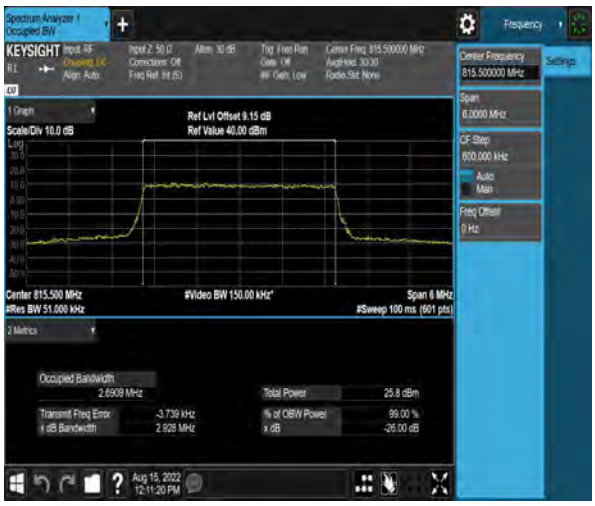
Band26-3MHz-QPSK-26740-15RB#0



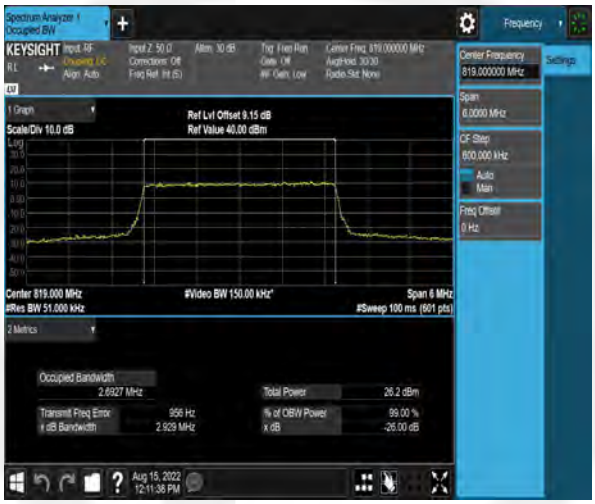
Band26-3MHz-QPSK-26775-15RB#0



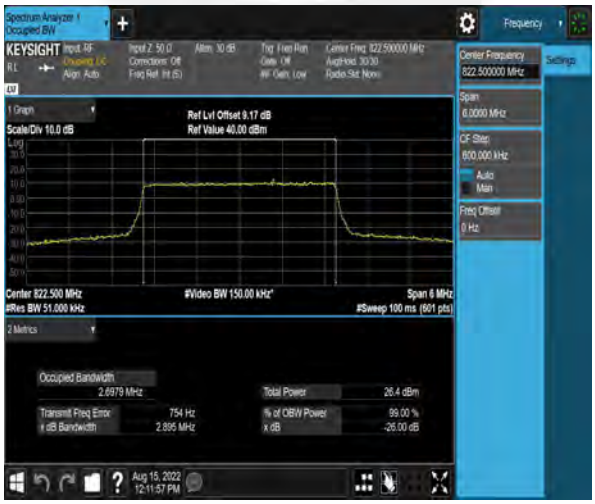
Band26-3MHz-16QAM-26705-15RB#0



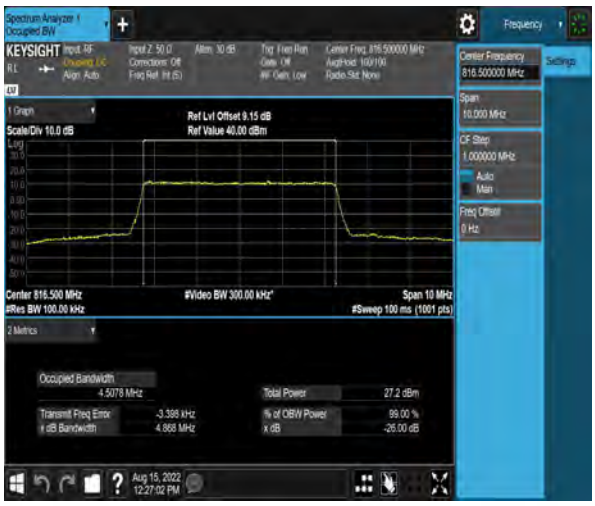
Band26-3MHz-16QAM-26740-15RB#0



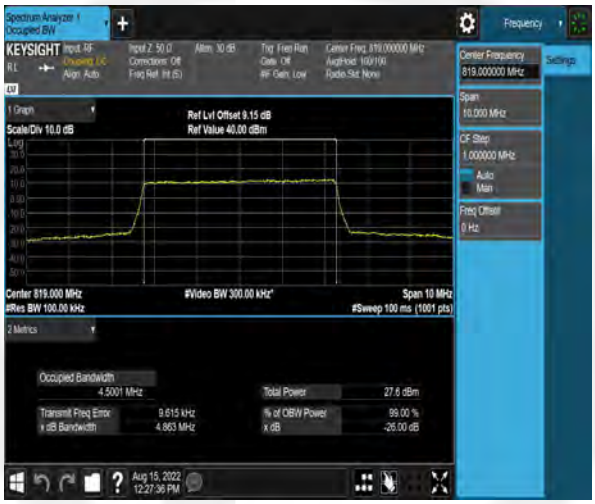
Band26-3MHz-16QAM-26775-15RB#0



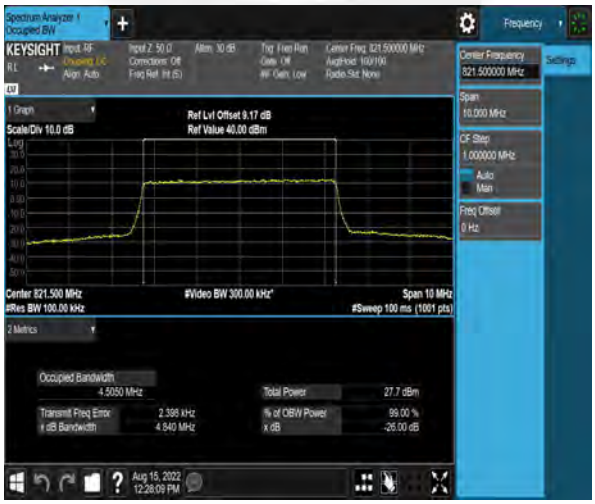
Band26-5MHz-QPSK-26715-25RB#0



Band26-5MHz-QPSK-26740-25RB#0

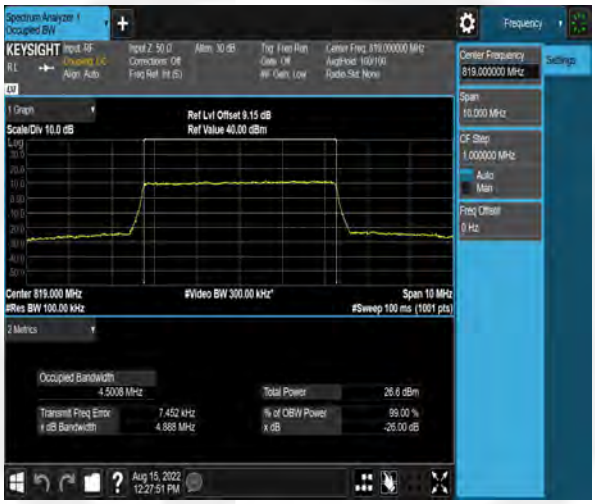


Band26-5MHz-QPSK-26765-25RB#0

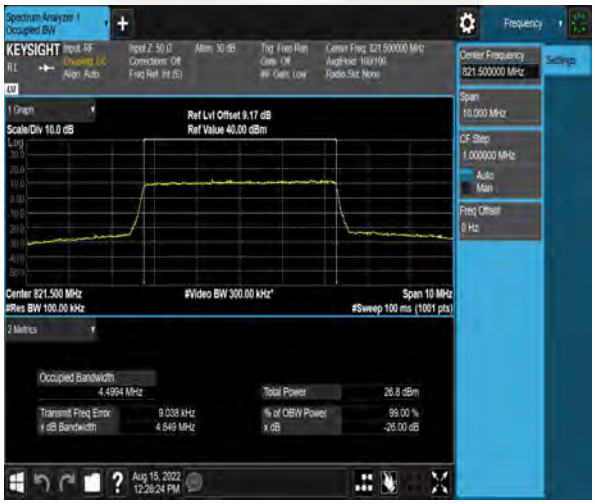


Band26-5MHz-16QAM-26715-25RB#0

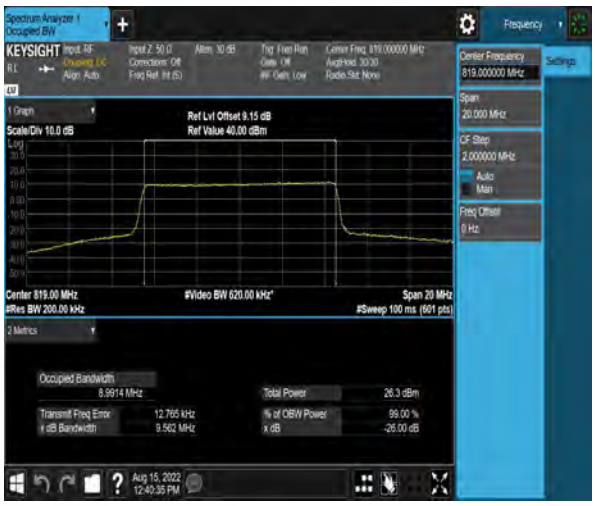
Band26-5MHz-16QAM-26740-25RB#0



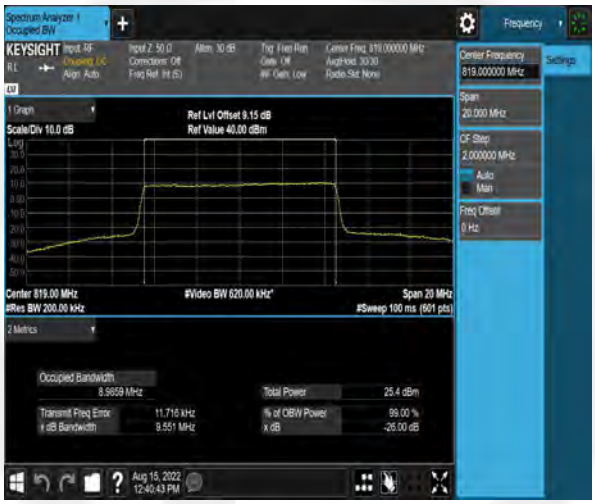
Band26-5MHz-16QAM-26765-25RB#0



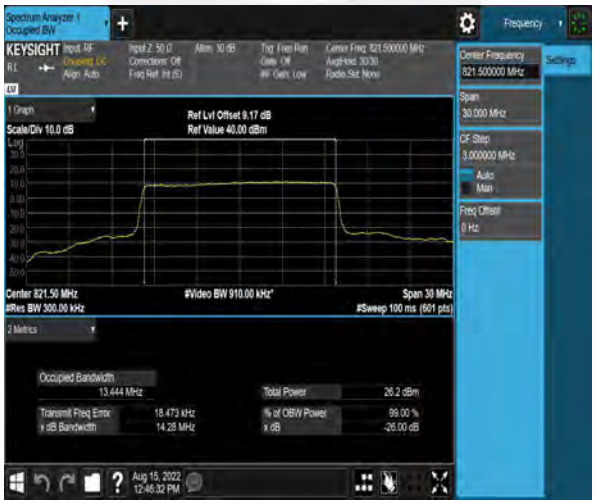
Band26-10MHz-QPSK-26740-50RB#0



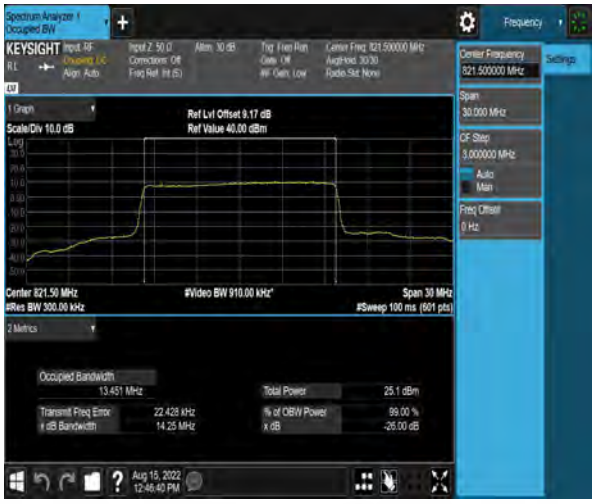
Band26-10MHz-16QAM-26740-50RB#0



Band26-15MHz-QPSK-26765-75RB#0



Band26-15MHz-16QAM-26765-75RB#0

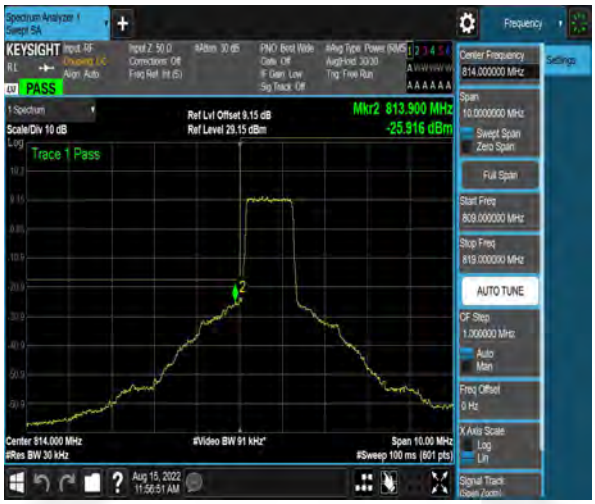
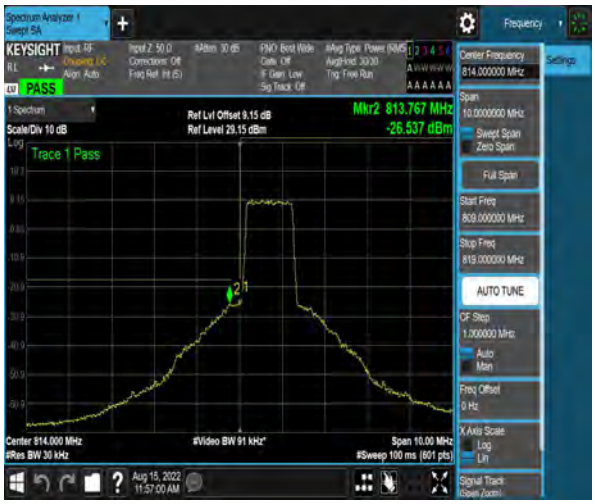

Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 10 dB
Trig: Free Run
Gate: Off
IF Gain: Low
Center Freq: 821.500000 MHz
Avg Type: Log-Pwr
Avg|Hold: 30/30
Radio Std: None
Frequency
Settings
Center Frequency
821.500000 MHz
Span
30.000 MHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Scale/Div 10.0 dB
Ref Lvl Offset 9.17 dB
Ref Value 40.00 dBm
Center 821.50 MHz
#Res BW 300.00 kHz
#Video BW 910.00 kHz*
Span 30 MHz
#Sweep 100 ms (601 pts)
2 Metrics
Occupied Bandwidth
13.451 MHz
Total Power
25.1 dBm
Transmit Freq Error
22.428 kHz
% of OBW Power
99.00 %
x dB Bandwidth
14.25 MHz
x dB
-26.00 dB
Aug 15, 2022
12:46:40 PM

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	-25.49,-25.92	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-25.47,-25.64	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	-25.76,-26.54	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	-26.07,-25.54	PASS
Band26	3MHz	QPSK	26705	15RB#0	-21.03,-24.72	PASS
Band26	3MHz	QPSK	26775	15RB#0	-21.71,-24.30	PASS
Band26	3MHz	16QAM	26705	15RB#0	-22.32,-24.95	PASS
Band26	3MHz	16QAM	26775	15RB#0	-22.12,-24.96	PASS
Band26	5MHz	QPSK	26715	25RB#0	-22.84,-25.14	PASS
Band26	5MHz	QPSK	26765	25RB#0	-22.31,-24.14	PASS
Band26	5MHz	16QAM	26715	25RB#0	-23.61,-25.31	PASS
Band26	5MHz	16QAM	26765	25RB#0	-22.30,-24.66	PASS
Band26	10MHz	QPSK	26740	50RB#0	-24.76,-23.88,-23.23,-23.83	PASS
Band26	10MHz	16QAM	26740	50RB#0	-25.81,-24.88,-24.01,-24.07	PASS
Band26	15MHz	QPSK	26765	75RB#0	-25.48,-25.96	PASS
Band26	15MHz	16QAM	26765	75RB#0	-26.69,-27.08	PASS

Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0

Band26-1.4MHz-QPSK-26783-6RB#0
Band26-1.4MHz-16QAM-26697-6RB#0


Band26-1.4MHz-16QAM-26783-6RB#0

Band26-3MHz-QPSK-26705-15RB#0

Band26-3MHz-QPSK-26775-15RB#0

Band26-3MHz-16QAM-26705-15RB#0

Band26-3MHz-16QAM-26775-15RB#0

Band26-5MHz-QPSK-26715-25RB#0

Band26-5MHz-QPSK-26765-25RB#0

Band26-5MHz-16QAM-26715-25RB#0

Band26-5MHz-16QAM-26765-25RB#0

Band26-10MHz-QPSK-26740-50RB#0

Band26-10MHz-16QAM-26740-50RB#0

Band26-15MHz-QPSK-26765-75RB#0

Band26-15MHz-16QAM-26765-75RB#0

Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Ref Lvl Offset 9.17 dB
Ref Level 29.17 dBm
Mkr2 813.93 MHz
-27.080 dBm
Scale/Div 10 dB
Trace 1 Pass
Center 819.00 MHz
#Res BW 300 kHz
#Video BW 910 kHz*
Span 20.00 MHz
#Sweep 100 ms (601 pts)
Frequency
Center Frequency
819.000000 MHz
Span
20.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
809.000000 MHz
Stop Freq
829.000000 MHz
AUTO TUNE
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Aug 15, 2022
12:47:13 PM

Appendix E: Conducted Spurious Emission

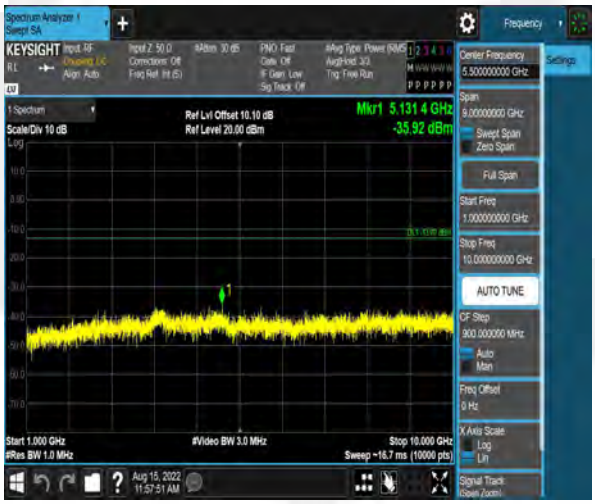
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	Range1:30~1000MHz	-45.57	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	Range2:1000~10000MHz	-35.92	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	Range1:30~1000MHz	-45.37	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	Range2:1000~10000MHz	-35.85	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	Range1:30~1000MHz	-45.45	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	Range2:1000~10000MHz	-36.43	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	Range1:30~1000MHz	-46.37	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	Range2:1000~10000MHz	-35.59	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	Range1:30~1000MHz	-45.54	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	Range2:1000~10000MHz	-36.74	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	Range1:30~1000MHz	-45.18	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	Range2:1000~10000MHz	-35.95	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range1:30~1000MHz	-45.07	PASS
Band26	3MHz	QPSK	26705	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range1:30~1000MHz	-45.19	PASS
Band26	3MHz	QPSK	26740	1RB#0	Range2:1000~10000MHz	-36.41	PASS
Band26	3MHz	QPSK	26775	1RB#0	Range1:30~10	-45.53	PASS

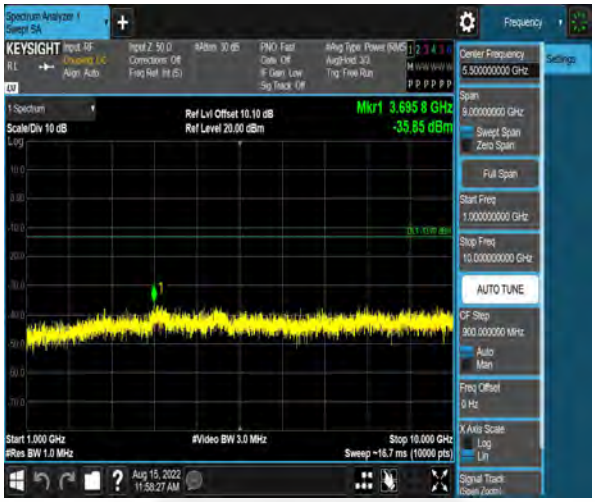
					00MHz		
Band26	3MHz	QPSK	26775	1RB#0	Range2:1000~10000MHz	-35.97	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range1:30~1000MHz	-45.35	PASS
Band26	3MHz	16QAM	26705	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band26	3MHz	16QAM	26740	1RB#0	Range2:1000~10000MHz	-35.35	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range1:30~1000MHz	-45.43	PASS
Band26	3MHz	16QAM	26775	1RB#0	Range2:1000~10000MHz	-35.83	PASS
Band26	5MHz	QPSK	26715	25RB#0	Range1:30~1000MHz	-46.03	PASS
Band26	5MHz	QPSK	26715	25RB#0	Range2:1000~10000MHz	-36.48	PASS
Band26	5MHz	QPSK	26740	25RB#0	Range1:30~1000MHz	-46.24	PASS
Band26	5MHz	QPSK	26740	25RB#0	Range2:1000~10000MHz	-35.71	PASS
Band26	5MHz	QPSK	26765	25RB#0	Range1:30~1000MHz	-46.03	PASS
Band26	5MHz	QPSK	26765	25RB#0	Range2:1000~10000MHz	-34.49	PASS
Band26	5MHz	16QAM	26715	25RB#0	Range1:30~1000MHz	-46.17	PASS
Band26	5MHz	16QAM	26715	25RB#0	Range2:1000~10000MHz	-35.82	PASS
Band26	5MHz	16QAM	26740	25RB#0	Range1:30~1000MHz	-46.16	PASS
Band26	5MHz	16QAM	26740	25RB#0	Range2:1000~10000MHz	-35.21	PASS
Band26	5MHz	16QAM	26765	25RB#0	Range1:30~1000MHz	-44.9	PASS

Band26	5MHz	16QAM	26765	25RB#0	Range2:1000~10000MHz	-35.98	PASS
Band26	10MHz	QPSK	26740	50RB#0	Range1:30~1000MHz	-46.03	PASS
Band26	10MHz	QPSK	26740	50RB#0	Range2:1000~10000MHz	-35.35	PASS
Band26	10MHz	16QAM	26740	50RB#0	Range1:30~1000MHz	-45.28	PASS
Band26	10MHz	16QAM	26740	50RB#0	Range2:1000~10000MHz	-36.32	PASS
Band26	15MHz	QPSK	26765	75RB#0	Range1:30~1000MHz	-45.86	PASS
Band26	15MHz	QPSK	26765	75RB#0	Range2:1000~10000MHz	-35.31	PASS
Band26	15MHz	16QAM	26765	75RB#0	Range1:30~1000MHz	-46.54	PASS
Band26	15MHz	16QAM	26765	75RB#0	Range2:1000~10000MHz	-36	PASS

Test Graphs

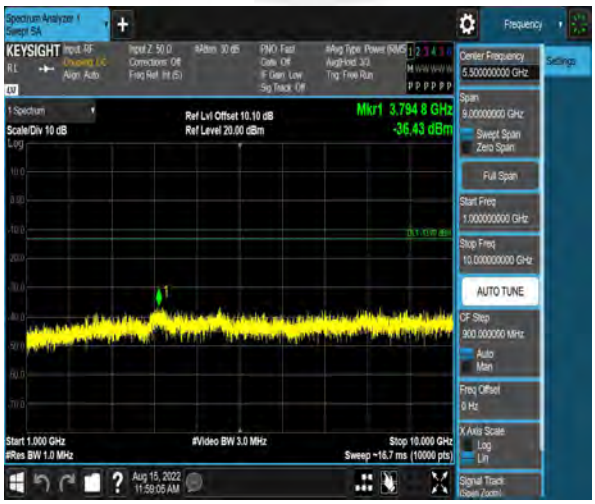
Band26-1.4MHz-QPSK-26697-6RB#0-Range1:30~1000MHz
Band26-1.4MHz-QPSK-26697-6RB#0-Range2:1000~10000MHz

Band26-1.4MHz-QPSK-26740-6RB#0-Range1:30~1000MHz

Band26-1.4MHz-QPSK-26740-6RB#0-Range2:1000~10000MHz



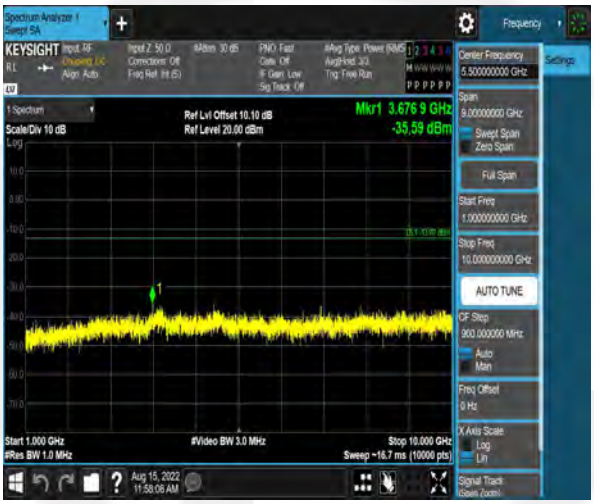
Band26-1.4MHz-QPSK-26783-6RB#0-Range1:30~1000MHz

Band26-1.4MHz-QPSK-26783-6RB#0-Range2:1000~10000MHz



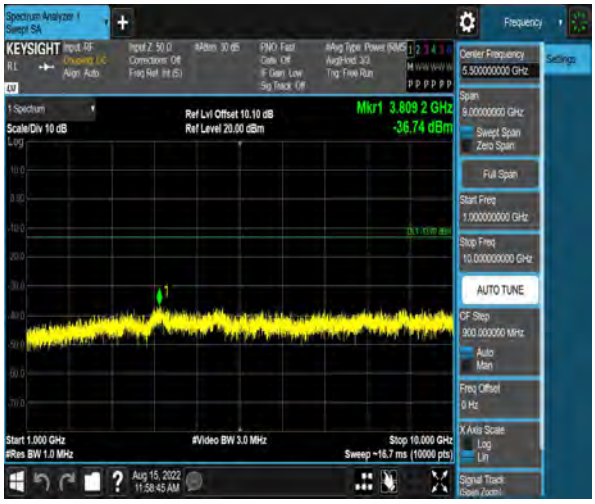
Band26-1.4MHz-16QAM-26697-6RB#0-Range1:30~1000MHz

Band26-1.4MHz-16QAM-26697-6RB#0-Range2:1000~10000MHz



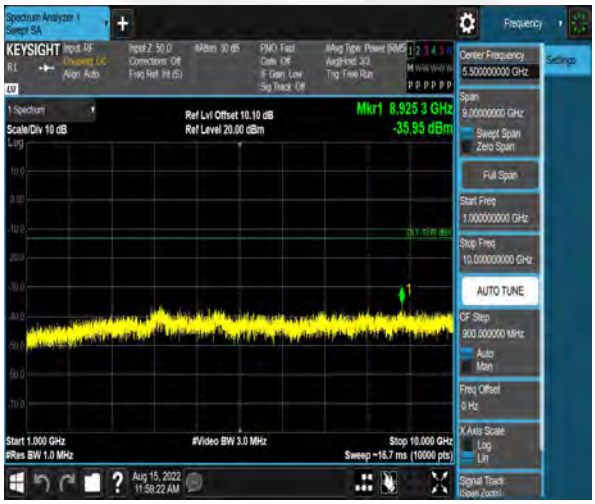
Band26-1.4MHz-16QAM-26740-6RB#0-Range1:30~1000MHz

Band26-1.4MHz-16QAM-26740-6RB#0-Range2:1000~10000MHz



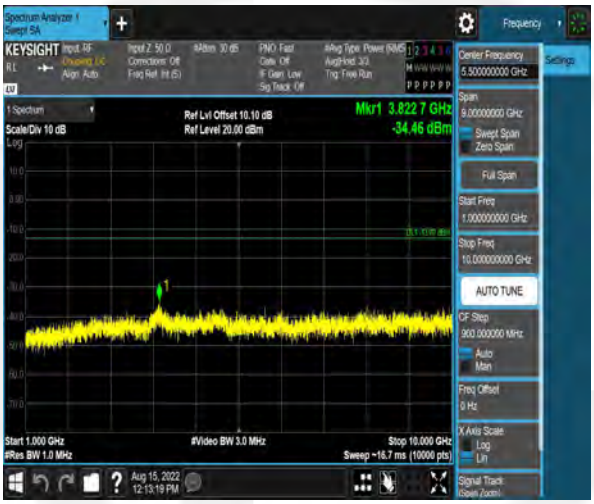
Band26-1.4MHz-16QAM-26783-6RB#0-Range1:30~1000MHz

Band26-1.4MHz-16QAM-26783-6RB#0-Range2:1000~10000MHz



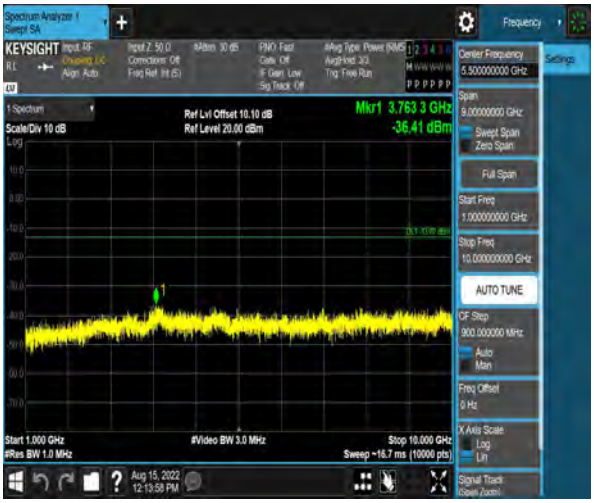
Band26-3MHz-QPSK-26705-1RB#0-Range1:30~1000MHz

Band26-3MHz-QPSK-26705-1RB#0-Range2:1000~10000MHz



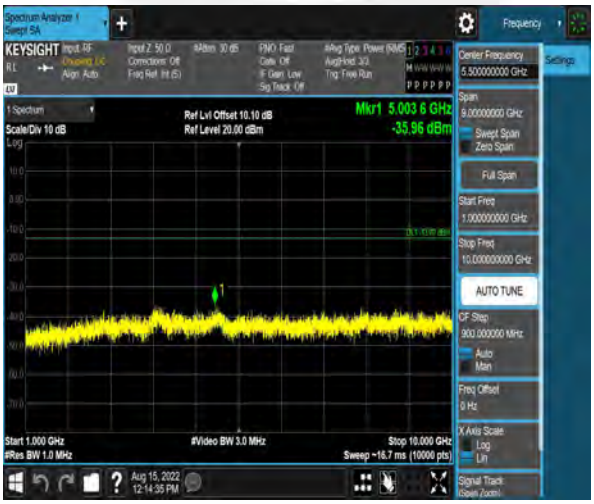
Band26-3MHz-QPSK-26740-1RB#0-Range1:30~1000MHz

Band26-3MHz-QPSK-26740-1RB#0-Range2:1000~10000MHz



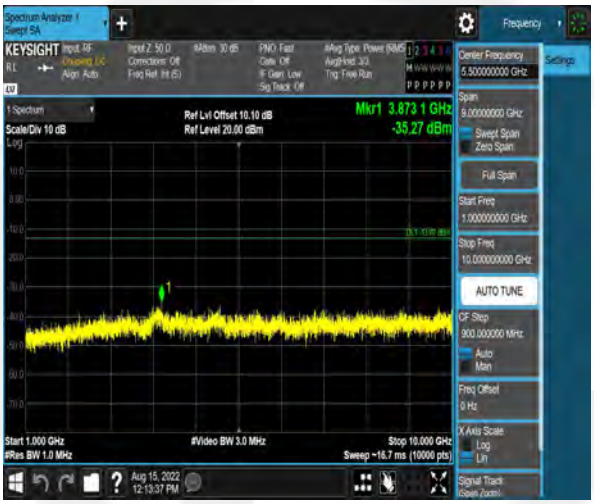
Band26-3MHz-QPSK-26775-1RB#0-Range1:30~1000MHz

Band26-3MHz-QPSK-26775-1RB#0-Range2:1000~10000MHz



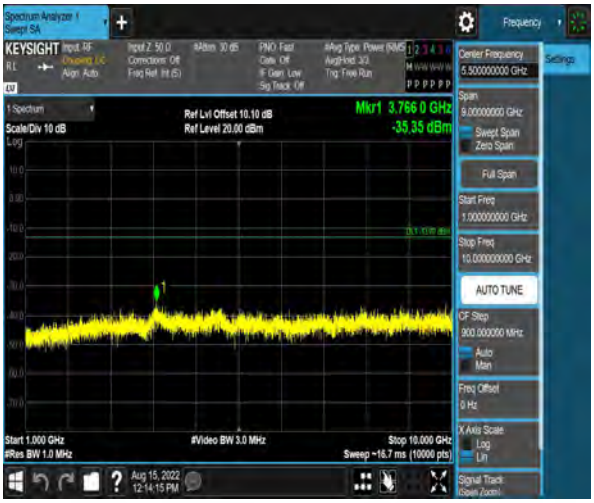
Band26-3MHz-16QAM-26705-1RB#0-Range1:30~1000MHz

Band26-3MHz-16QAM-26705-1RB#0-Range2:1000~10000MHz



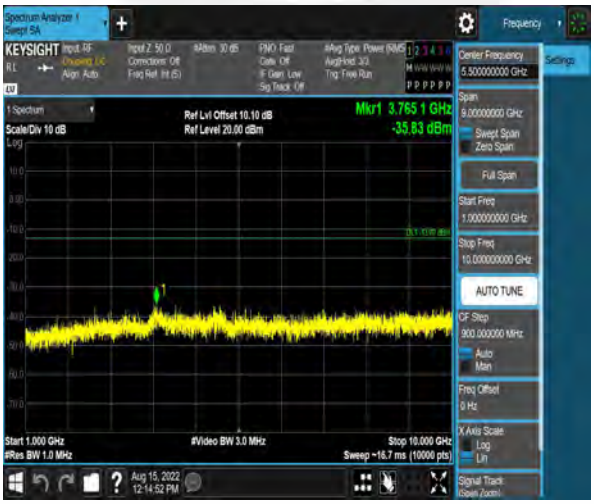
Band26-3MHz-16QAM-26740-1RB#0-Range1:30~1000MHz

Band26-3MHz-16QAM-26740-1RB#0-Range2:1000~10000MHz



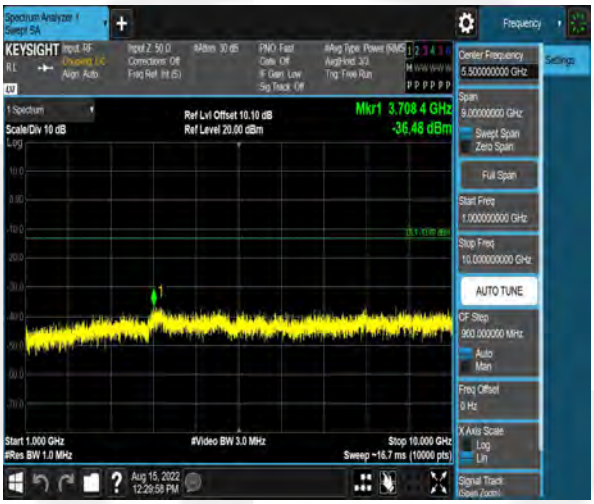
Band26-3MHz-16QAM-26775-1RB#0-Range1:30~1000MHz

Band26-3MHz-16QAM-26775-1RB#0-Range2:1000~10000MHz



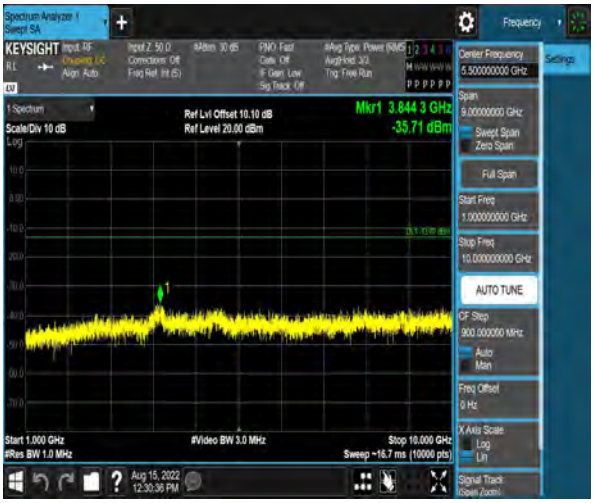
Band26-5MHz-QPSK-26715-25RB#0-Range1:30~1000MHz

Band26-5MHz-QPSK-26715-25RB#0-Range2:1000~10000MHz

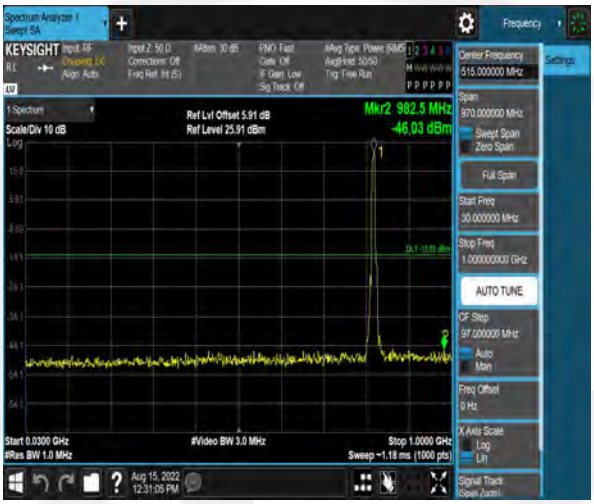


Band26-5MHz-QPSK-26740-25RB#0-Range1:30~1000MHz

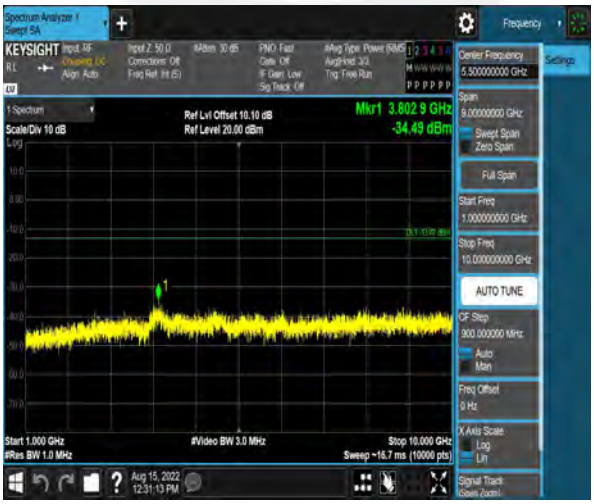
Band26-5MHz-QPSK-26740-25RB#0-Range2:1000~10000MHz



Band26-5MHz-QPSK-26765-25RB#0-Range1:30~1000MHz

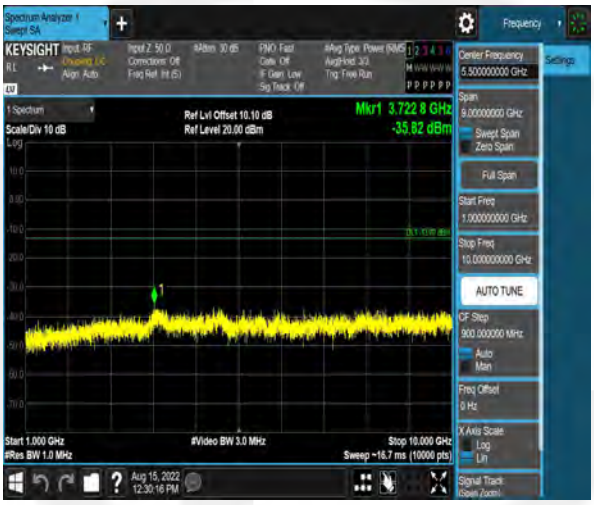


Band26-5MHz-QPSK-26765-25RB#0-Range2:1000~10000MHz



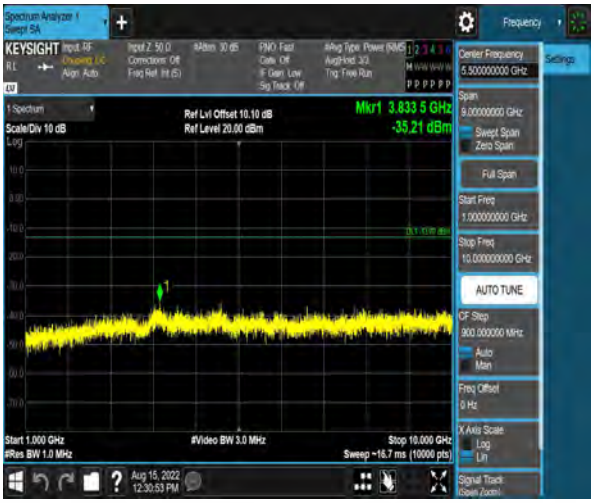
Band26-5MHz-16QAM-26715-25RB#0-Range1:30~1000MHz

Band26-5MHz-16QAM-26715-25RB#0-Range2:1000~10000MHz

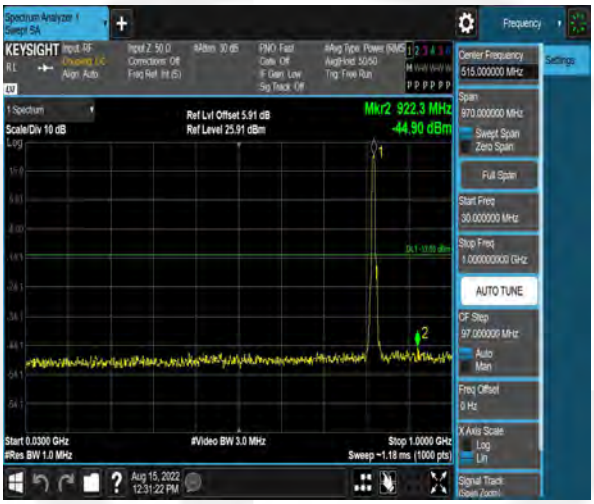


Band26-5MHz-16QAM-26740-25RB#0-Range1:30~1000MHz

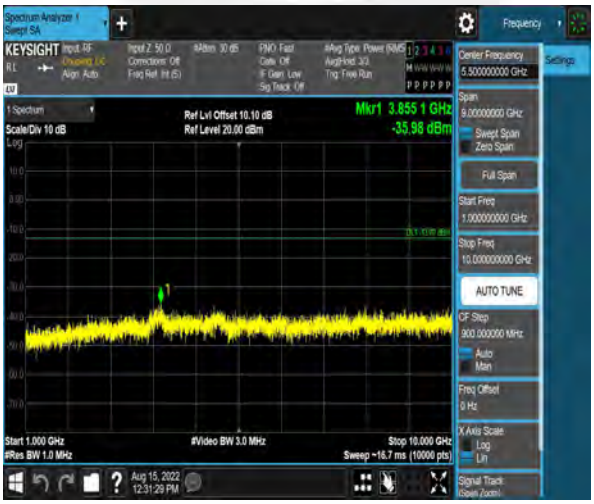
Band26-5MHz-16QAM-26740-25RB#0-Range2:1000~10000MHz



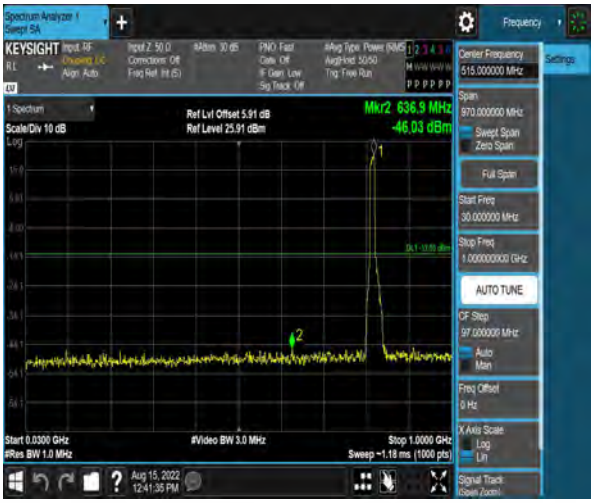
Band26-5MHz-16QAM-26765-25RB#0-Range1:30~1000MHz



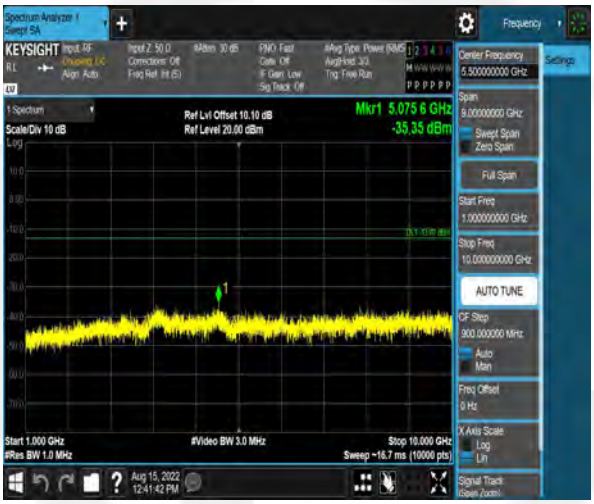
Band26-5MHz-16QAM-26765-25RB#0-Range2:1000~10000MHz



Band26-10MHz-QPSK-26740-50RB#0-Range1:30~1000MHz

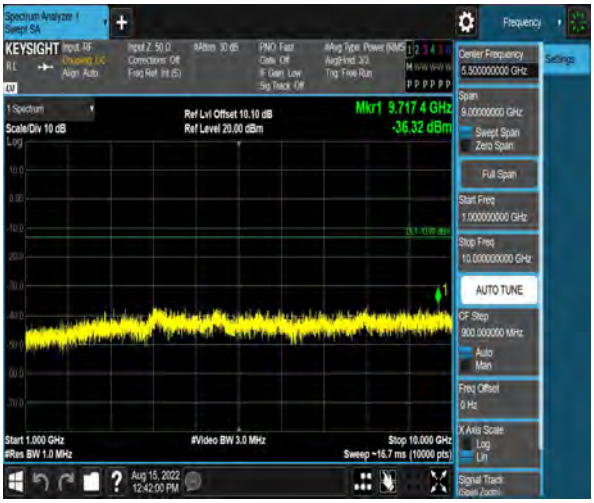


Band26-10MHz-QPSK-26740-50RB#0-Range2:1000~10000MHz

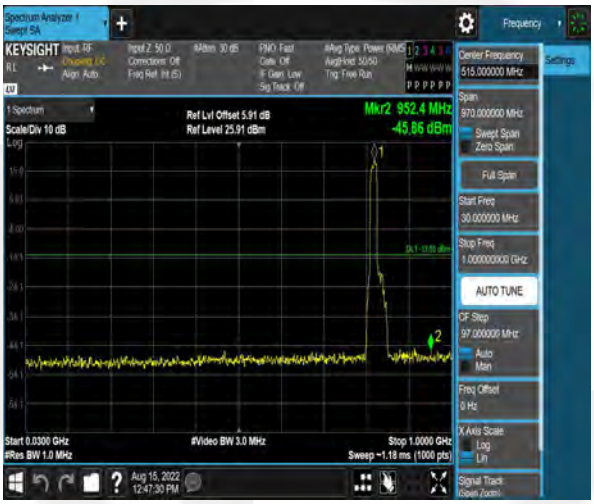


Band26-10MHz-16QAM-26740-50RB#0-Range1:30~1000MHz

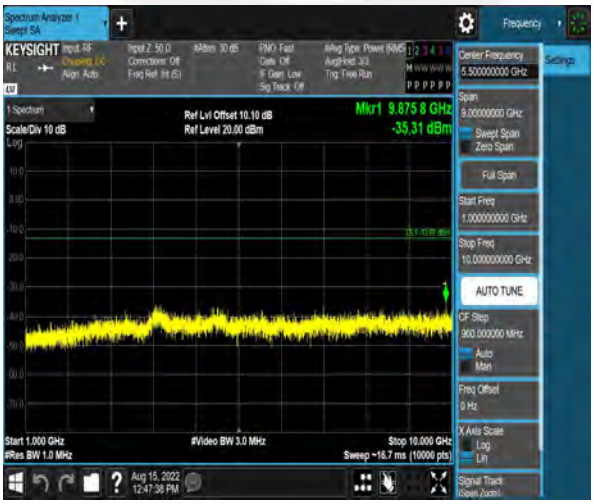
Band26-10MHz-16QAM-26740-50RB#0-Range2:1000~10000MHz



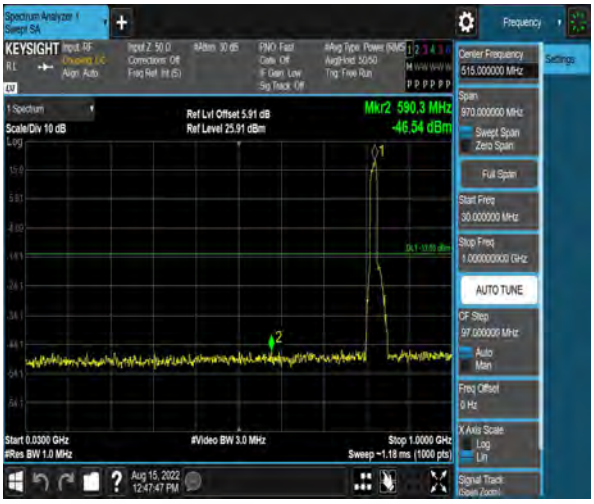
Band26-15MHz-QPSK-26765-75RB#0-Range1:30~1000MHz



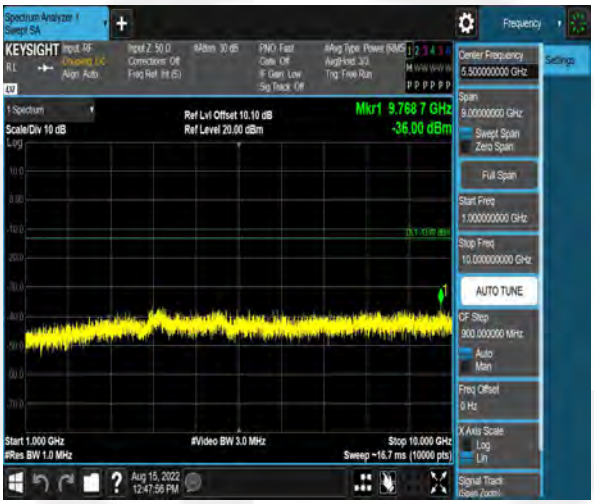
Band26-15MHz-QPSK-26765-75RB#0-Range2:1000~10000MHz



Band26-15MHz-16QAM-26765-75RB#0-Range1:30~1000MHz



Band26-15MHz-16QAM-26765-75RB#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	QPSK	26697	6RB#0	VL	NT	8.55	0.010495	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	VN	NT	11.94	0.014656	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	VH	NT	5.24	0.006432	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	VL	NT	-5.29	-0.006459	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	VN	NT	1.54	0.001880	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	VH	NT	4.05	0.004945	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	VL	NT	-5.97	-0.007251	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	VN	NT	1.70	0.002065	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	VH	NT	-7.04	-0.008551	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	VL	NT	-7.12	-0.008739	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	VN	NT	2.80	0.003437	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	VH	NT	-5.87	-0.007205	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	VL	NT	3.79	0.004628	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	VN	NT	-6.29	-0.007680	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	VH	NT	-3.35	-0.004090	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	VL	NT	-5.08	-0.006170	±2.5	PASS

Band26	1.4MHz	16QAM	26783	6RB#0	VN	NT	-9.60	-0.011660	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	VH	NT	-7.55	-0.009170	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	VL	NT	-9.57	-0.011735	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	VN	NT	-2.03	-0.002489	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	VH	NT	-6.25	-0.007664	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	VL	NT	5.48	0.006691	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	VN	NT	-3.20	-0.003907	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	VH	NT	2.88	0.003516	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	VL	NT	9.47	0.011514	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	VN	NT	6.27	0.007623	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	VH	NT	7.25	0.008815	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	VL	NT	-6.35	-0.007787	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	VN	NT	1.43	0.001754	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	VH	NT	-2.95	-0.003617	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	VL	NT	6.92	0.008449	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	VN	NT	8.64	0.010549	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	VH	NT	9.06	0.011062	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	VL	NT	-2.09	-0.002541	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	VN	NT	5.72	0.00695	±2.5	PASS

								4		
Band26	3MHz	16QAM	26775	15RB#0	VH	NT	6.38	0.007757	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	VL	NT	7.61	0.009320	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	VN	NT	9.27	0.011353	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	VH	NT	5.66	0.006932	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	VL	NT	7.62	0.009304	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	VN	NT	3.38	0.004127	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	VH	NT	2.22	0.002711	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	VL	NT	-6.31	-0.007681	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	VN	NT	-4.76	-0.005794	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	VH	NT	-2.09	-0.002544	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	VL	NT	9.60	0.011758	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	VN	NT	5.11	0.006258	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	VH	NT	6.38	0.007814	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	VL	NT	5.98	0.007302	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	VN	NT	9.56	0.011673	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	VH	NT	-1.95	-0.002381	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	VL	NT	2.22	0.002702	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	VN	NT	-6.02	-0.007328	±2.5	PASS

Band26	5MHz	16QAM	26765	25RB#0	VH	NT	-4.92	-0.005989	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	3.96	0.004835	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	4.29	0.005238	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	2.32	0.002833	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	5.04	0.006154	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	-2.68	-0.003272	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	-2.79	-0.003407	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	VL	NT	1.95	0.002374	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	VN	NT	-6.51	-0.007925	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	VH	NT	-3.88	-0.004723	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	VL	NT	-6.18	-0.007523	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	VN	NT	-8.37	-0.010189	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	VH	NT	2.45	0.002982	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	NV	-30	3.06	0.003756	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	-20	-6.62	-0.008126	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	-10	-3.55	-0.004357	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	0	-9.63	-0.011820	±2.5	PASS

Band26	1.4MHz	QPSK	26697	6RB#0	NV	10	-5.41	-0.006640	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	20	-8.38	-0.010286	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	30	-2.79	-0.003425	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	40	-7.87	-0.009660	±2.5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	NV	50	-8.28	-0.010163	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	-30	-6.75	-0.008242	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	-20	-4.96	-0.006056	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	-10	-9.03	-0.011026	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	0	-4.71	-0.005751	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	10	-8.93	-0.010904	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	20	-2.89	-0.003529	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	30	-6.02	-0.007350	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	40	-8.15	-0.009951	±2.5	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	NV	50	2.42	0.002955	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	-30	-5.06	-0.006146	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	-20	-7.94	-0.009644	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	-10	-10.76	-0.013069	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	0	-6.97	-0.008466	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	10	-12.03	-0.0146	±2.5	PASS

								12		
Band26	1.4MHz	QPSK	26783	6RB#0	NV	20	-10.57	-0.012839	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	30	-4.65	-0.005648	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	40	-8.08	-0.009814	±2.5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	NV	50	-9.07	-0.011017	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	-30	-1.32	-0.001620	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	-20	-7.75	-0.009513	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	-10	-7.93	-0.009734	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	0	-5.94	-0.007291	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	10	-6.22	-0.007635	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	20	-4.91	-0.006027	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	30	-3.12	-0.003830	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	40	-9.40	-0.011538	±2.5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	NV	50	-12.43	-0.015257	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	-30	-7.40	-0.009035	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	-20	-6.58	-0.008034	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	-10	-1.76	-0.002149	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	0	-6.77	-0.008266	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	10	-5.56	-0.006789	±2.5	PASS

Band26	1.4MHz	16QAM	26740	6RB#0	NV	20	1.66	0.002027	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	30	2.52	0.003077	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	40	-5.58	-0.006813	±2.5	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	NV	50	-6.17	-0.007534	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	-30	-6.87	-0.008344	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	-20	-6.25	-0.007591	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	-10	-3.92	-0.004761	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	0	3.12	0.003790	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	10	-7.44	-0.009037	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	20	7.31	0.008879	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	30	-4.53	-0.005502	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	40	-5.51	-0.006693	±2.5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	NV	50	-3.06	-0.003717	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	-30	-2.72	-0.003335	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	-20	-4.42	-0.005420	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	-10	5.44	0.006671	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	0	2.16	0.002649	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	10	-3.02	-0.003703	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	20	-3.96	-0.0048	±2.5	PASS

								56		
Band26	3MHz	QPSK	26705	15RB#0	NV	30	-6.07	-0.007443	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	40	-5.35	-0.006560	±2.5	PASS
Band26	3MHz	QPSK	26705	15RB#0	NV	50	-7.88	-0.009663	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	-30	4.75	0.005800	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	-20	8.24	0.010061	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	-10	3.98	0.004860	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	0	-5.28	-0.006447	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	10	3.20	0.003907	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	20	-2.72	-0.003321	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	30	-1.82	-0.002222	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	40	8.47	0.010342	±2.5	PASS
Band26	3MHz	QPSK	26740	15RB#0	NV	50	5.22	0.006374	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	-30	7.21	0.008766	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	-20	9.01	0.010954	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	-10	7.14	0.008681	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	0	3.16	0.003842	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	10	7.74	0.009410	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	20	5.38	0.006541	±2.5	PASS

Band26	3MHz	QPSK	26775	15RB#0	NV	30	4.09	0.004973	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	40	10.39	0.012632	±2.5	PASS
Band26	3MHz	QPSK	26775	15RB#0	NV	50	9.60	0.011672	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	-30	-1.56	-0.001913	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	-20	-7.87	-0.009651	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	-10	-6.01	-0.007370	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	0	2.00	0.002452	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	10	-8.97	-0.010999	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	20	-9.20	-0.011281	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	30	-6.11	-0.007492	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	40	-2.05	-0.002514	±2.5	PASS
Band26	3MHz	16QAM	26705	15RB#0	NV	50	-8.13	-0.009969	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	-30	3.25	0.003968	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	-20	6.15	0.007509	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	-10	11.33	0.013834	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	0	1.79	0.002186	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	10	4.16	0.005079	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	20	4.65	0.005678	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	30	7.12	0.00869	±2.5	PASS

								4		
Band26	3MHz	16QAM	26740	15RB#0	NV	40	9.34	0.011404	±2.5	PASS
Band26	3MHz	16QAM	26740	15RB#0	NV	50	4.56	0.005568	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	-30	8.93	0.010857	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	-20	3.25	0.003951	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	-10	3.96	0.004815	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	0	6.78	0.008243	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	10	9.53	0.011587	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	20	11.46	0.013933	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	30	4.08	0.004960	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	40	4.92	0.005982	±2.5	PASS
Band26	3MHz	16QAM	26775	15RB#0	NV	50	5.41	0.006578	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	-30	8.27	0.010129	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	-20	6.14	0.007520	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	-10	3.99	0.004887	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	0	7.48	0.009161	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	10	4.15	0.005083	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	20	4.09	0.005009	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	30	8.20	0.010043	±2.5	PASS

Band26	5MHz	QPSK	26715	25RB#0	NV	40	2.43	0.002976	±2.5	PASS
Band26	5MHz	QPSK	26715	25RB#0	NV	50	9.97	0.012211	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	-30	3.00	0.003663	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	-20	4.73	0.005775	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	-10	-2.99	-0.003651	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	0	1.52	0.001856	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	10	4.99	0.006093	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	20	2.78	0.003394	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	30	-5.26	-0.006422	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	40	5.44	0.006642	±2.5	PASS
Band26	5MHz	QPSK	26740	25RB#0	NV	50	2.42	0.002955	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	-30	-9.08	-0.011053	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	-20	-6.54	-0.007961	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	-10	-8.08	-0.009836	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	0	-3.00	-0.003652	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	10	-8.20	-0.009982	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	20	-6.29	-0.007657	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	30	-7.37	-0.008971	±2.5	PASS
Band26	5MHz	QPSK	26765	25RB#0	NV	40	2.93	0.00356	±2.5	PASS

								7		
Band26	5MHz	QPSK	26765	25RB#0	NV	50	-3.73	-0.004540	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	-30	9.53	0.011672	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	-20	3.58	0.004385	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	-10	6.01	0.007361	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	0	8.58	0.010508	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	10	-5.31	-0.006503	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	20	6.04	0.007397	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	30	8.05	0.009859	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	40	7.61	0.009320	±2.5	PASS
Band26	5MHz	16QAM	26715	25RB#0	NV	50	8.20	0.010043	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	-30	2.76	0.003370	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	-20	3.02	0.003687	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	-10	7.07	0.008632	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	0	2.19	0.002674	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	10	4.32	0.005275	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	20	6.42	0.007839	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	30	-1.83	-0.002234	±2.5	PASS
Band26	5MHz	16QAM	26740	25RB#0	NV	40	-1.57	-0.001917	±2.5	PASS

Band26	5MHz	16QAM	26740	25RB#0	NV	50	3.79	0.004628	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	-30	-3.02	-0.003676	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	-20	-8.67	-0.010554	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	-10	-4.31	-0.005247	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	0	-2.26	-0.002751	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	10	-9.13	-0.011114	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	20	-5.85	-0.007121	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	30	-5.01	-0.006099	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	40	-4.71	-0.005733	±2.5	PASS
Band26	5MHz	16QAM	26765	25RB#0	NV	50	-3.46	-0.004212	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-4.23	-0.005165	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-5.81	-0.007094	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	5.99	0.007314	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	4.61	0.005629	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	4.43	0.005409	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-3.49	-0.004261	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	2.66	0.003248	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	3.59	0.004383	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-2.98	-0.0036	±2.5	PASS

								39		
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	5.04	0.006154	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	6.07	0.007411	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-10	-1.86	-0.002271	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	4.41	0.005385	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	5.78	0.007057	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	6.77	0.008266	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	-1.86	-0.002271	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	2.66	0.003248	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	2.89	0.003529	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	-30	-6.19	-0.007535	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	-20	-7.80	-0.009495	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	-10	-1.62	-0.001972	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	0	-2.95	-0.003591	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	10	-3.62	-0.004407	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	20	-3.63	-0.004419	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	30	-5.92	-0.007206	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	40	-6.72	-0.008180	±2.5	PASS
Band26	15MHz	QPSK	26765	75RB#0	NV	50	-8.45	-0.010286	±2.5	PASS

Band26	15MHz	16QAM	26765	75RB#0	NV	-30	-7.74	-0.009422	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	-20	-5.04	-0.006135	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	-10	-2.16	-0.002629	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	0	-9.21	-0.011211	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	10	-7.07	-0.008606	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	20	-6.65	-0.008095	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	30	-4.56	-0.005551	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	40	-3.35	-0.004078	±2.5	PASS
Band26	15MHz	16QAM	26765	75RB#0	NV	50	-9.48	-0.011540	±2.5	PASS

LTE Band26
64QAM Test Data

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	64QAM	26697	1RB#0	22.87	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	22.91	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	22.86	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	22.44	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	22.51	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	22.45	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	21.42	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	23.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	23.06	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	22.93	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	22.63	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	22.64	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	22.62	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	21.51	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	22.76	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	22.84	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	22.77	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	22.51	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	22.50	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	22.51	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	21.61	PASS
Band26	3MHz	64QAM	26705	1RB#0	22.81	PASS
Band26	3MHz	64QAM	26705	1RB#8	22.78	PASS
Band26	3MHz	64QAM	26705	1RB#14	22.78	PASS
Band26	3MHz	64QAM	26705	8RB#0	21.61	PASS
Band26	3MHz	64QAM	26705	8RB#4	21.62	PASS
Band26	3MHz	64QAM	26705	8RB#7	21.57	PASS

Band26	3MHz	64QAM	26705	15RB#0	21.50	PASS
Band26	3MHz	64QAM	26740	1RB#0	23.00	PASS
Band26	3MHz	64QAM	26740	1RB#8	23.03	PASS
Band26	3MHz	64QAM	26740	1RB#14	23.00	PASS
Band26	3MHz	64QAM	26740	8RB#0	21.70	PASS
Band26	3MHz	64QAM	26740	8RB#4	21.67	PASS
Band26	3MHz	64QAM	26740	8RB#7	21.66	PASS
Band26	3MHz	64QAM	26740	15RB#0	21.64	PASS
Band26	3MHz	64QAM	26775	1RB#0	22.84	PASS
Band26	3MHz	64QAM	26775	1RB#8	22.86	PASS
Band26	3MHz	64QAM	26775	1RB#14	22.79	PASS
Band26	3MHz	64QAM	26775	8RB#0	21.54	PASS
Band26	3MHz	64QAM	26775	8RB#4	21.50	PASS
Band26	3MHz	64QAM	26775	8RB#7	21.45	PASS
Band26	3MHz	64QAM	26775	15RB#0	21.56	PASS
Band26	5MHz	64QAM	26715	1RB#0	22.89	PASS
Band26	5MHz	64QAM	26715	1RB#12	22.86	PASS
Band26	5MHz	64QAM	26715	1RB#24	22.87	PASS
Band26	5MHz	64QAM	26715	12RB#0	21.62	PASS
Band26	5MHz	64QAM	26715	12RB#6	21.62	PASS
Band26	5MHz	64QAM	26715	12RB#13	21.59	PASS
Band26	5MHz	64QAM	26715	25RB#0	21.56	PASS
Band26	5MHz	64QAM	26740	1RB#0	22.90	PASS
Band26	5MHz	64QAM	26740	1RB#12	22.93	PASS
Band26	5MHz	64QAM	26740	1RB#24	22.93	PASS
Band26	5MHz	64QAM	26740	12RB#0	21.87	PASS
Band26	5MHz	64QAM	26740	12RB#6	21.81	PASS
Band26	5MHz	64QAM	26740	12RB#13	21.76	PASS
Band26	5MHz	64QAM	26740	25RB#0	21.71	PASS
Band26	5MHz	64QAM	26765	1RB#0	22.79	PASS
Band26	5MHz	64QAM	26765	1RB#12	22.94	PASS
Band26	5MHz	64QAM	26765	1RB#24	22.78	PASS
Band26	5MHz	64QAM	26765	12RB#0	21.61	PASS
Band26	5MHz	64QAM	26765	12RB#6	21.65	PASS
Band26	5MHz	64QAM	26765	12RB#13	21.59	PASS
Band26	5MHz	64QAM	26765	25RB#0	21.55	PASS
Band26	10MHz	64QAM	26740	1RB#0	23.09	PASS

Band26	10MHz	64QAM	26740	1RB#24	23.06	PASS
Band26	10MHz	64QAM	26740	1RB#49	23.02	PASS
Band26	10MHz	64QAM	26740	25RB#0	21.71	PASS
Band26	10MHz	64QAM	26740	25RB#12	21.69	PASS
Band26	10MHz	64QAM	26740	25RB#25	21.66	PASS
Band26	10MHz	64QAM	26740	50RB#0	21.71	PASS
Band26	15MHz	64QAM	26765	1RB#0	23.13	PASS
Band26	15MHz	64QAM	26765	1RB#38	23.01	PASS
Band26	15MHz	64QAM	26765	1RB#74	22.90	PASS
Band26	15MHz	64QAM	26765	38RB#0	21.63	PASS
Band26	15MHz	64QAM	26765	38RB#18	21.63	PASS
Band26	15MHz	64QAM	26765	38RB#37	21.48	PASS
Band26	15MHz	64QAM	26765	75RB#0	21.62	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	26697	6RB#0	5.83	13	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	6.19	13	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	6.04	13	PASS
Band26	3MHz	64QAM	26705	15RB#0	5.73	13	PASS
Band26	3MHz	64QAM	26740	15RB#0	6.16	13	PASS
Band26	3MHz	64QAM	26775	15RB#0	5.95	13	PASS
Band26	5MHz	64QAM	26715	25RB#0	5.87	13	PASS
Band26	5MHz	64QAM	26740	25RB#0	6.16	13	PASS
Band26	5MHz	64QAM	26765	25RB#0	5.99	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.06	13	PASS
Band26	15MHz	64QAM	26765	75RB#0	6.03	13	PASS

Test Graphs

Band26-1.4MHz-64QAM-26697-6RB#0
Band26-1.4MHz-64QAM-26740-6RB#0
Band26-1.4MHz-64QAM-26783-6RB#0

Band26-3MHz-64QAM-26705-15RB#0

Band26-3MHz-64QAM-26740-15RB#0

Band26-3MHz-64QAM-26775-15RB#0

Band26-5MHz-64QAM-26715-25RB#0

Band26-5MHz-64QAM-26740-25RB#0

Band26-5MHz-64QAM-26765-25RB#0

Band26-10MHz-64QAM-26740-50RB#0

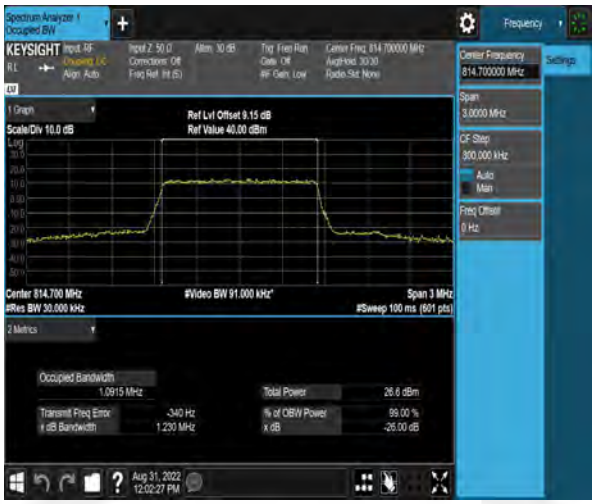
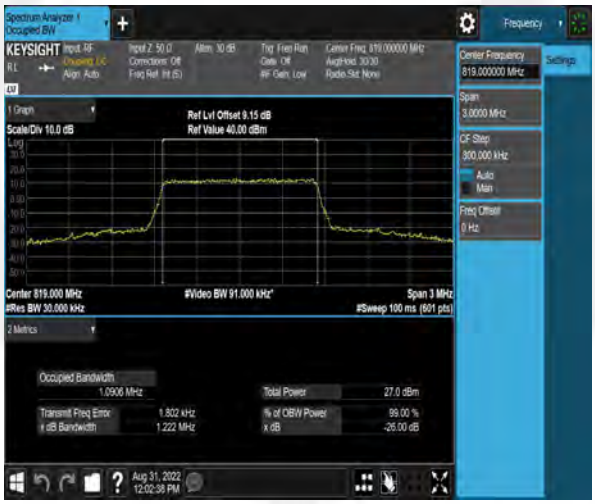
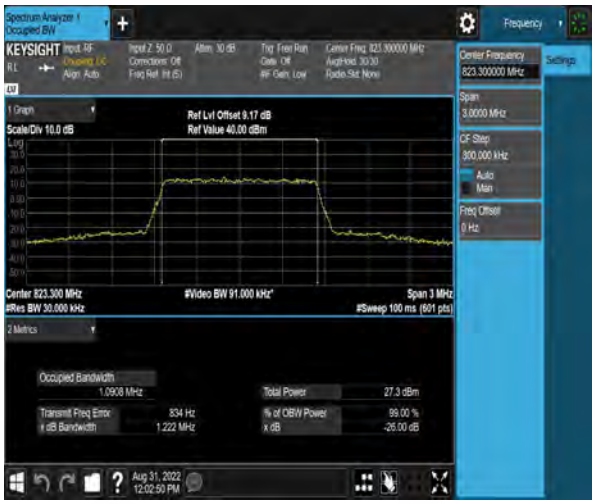
Band26-15MHz-64QAM-26765-75RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

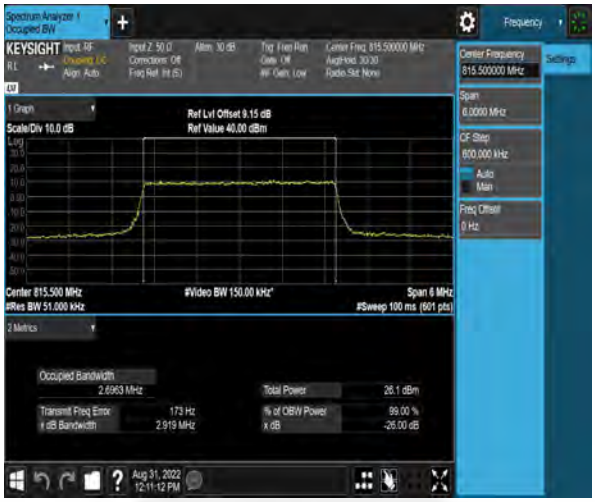
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	64QAM	26697	6RB#0	1.0915	1.230	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.0906	1.222	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.0908	1.222	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.6963	2.919	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.6994	2.933	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.6912	2.932	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.5119	4.869	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.4957	4.821	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.4926	4.842	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.9546	9.494	PASS
Band26	15MHz	64QAM	26765	75RB#0	13.382	14.18	PASS

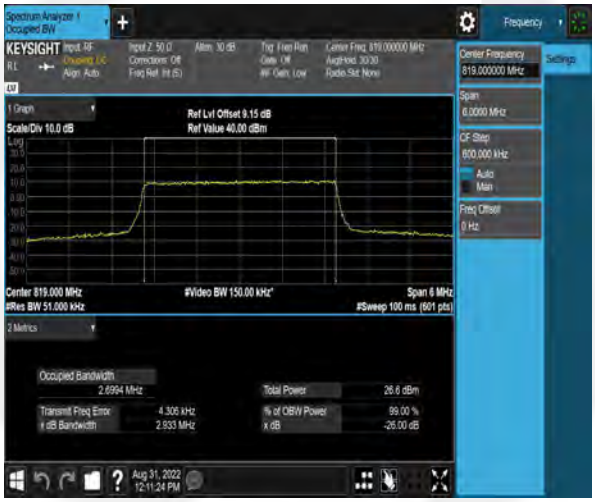
Test Graphs

Band26-1.4MHz-64QAM-26697-6RB#0

Band26-1.4MHz-64QAM-26740-6RB#0

Band26-1.4MHz-64QAM-26783-6RB#0


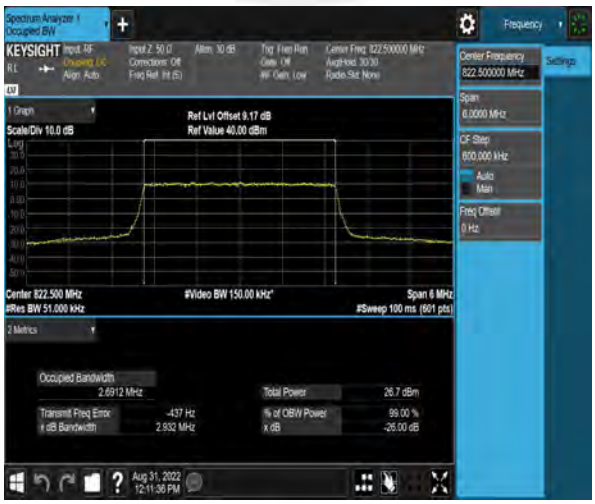
Band26-3MHz-64QAM-26705-15RB#0



Band26-3MHz-64QAM-26740-15RB#0

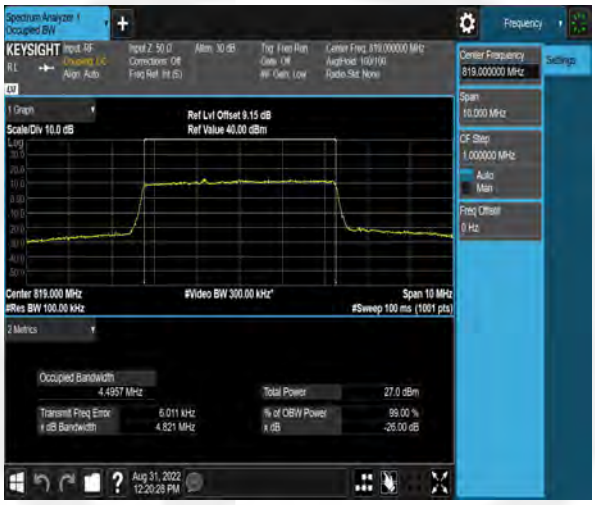


Band26-3MHz-64QAM-26775-15RB#0

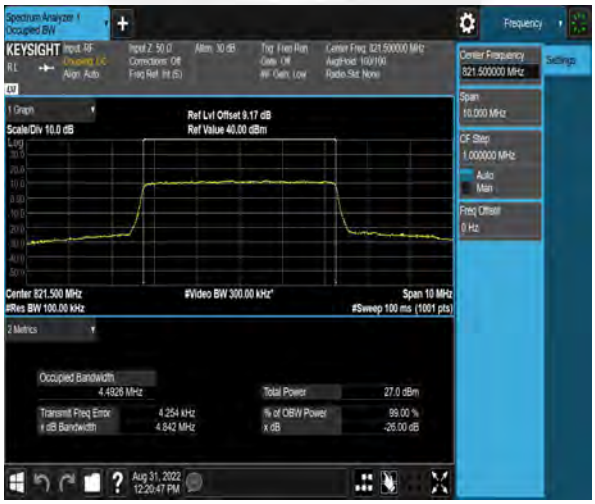


Band26-5MHz-64QAM-26715-25RB#0

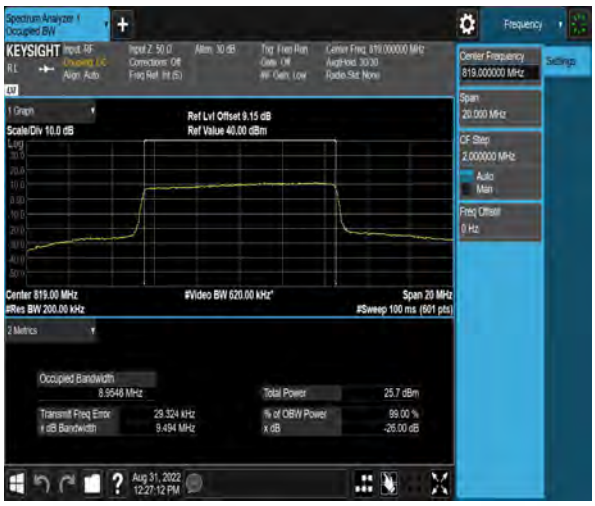
Band26-5MHz-64QAM-26740-25RB#0



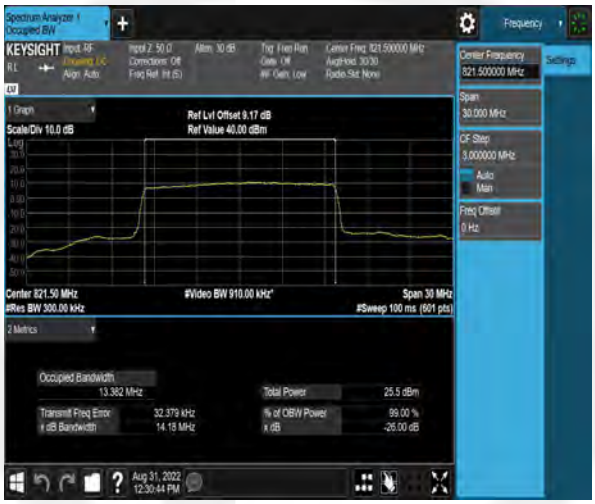
Band26-5MHz-64QAM-26765-25RB#0



Band26-10MHz-64QAM-26740-50RB#0



Band26-15MHz-64QAM-26765-75RB#0

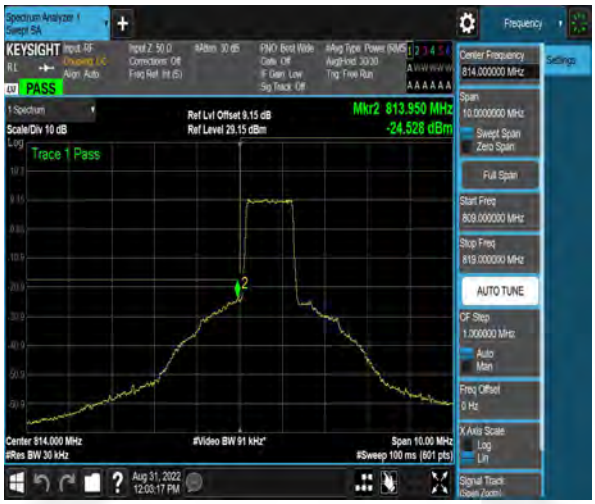


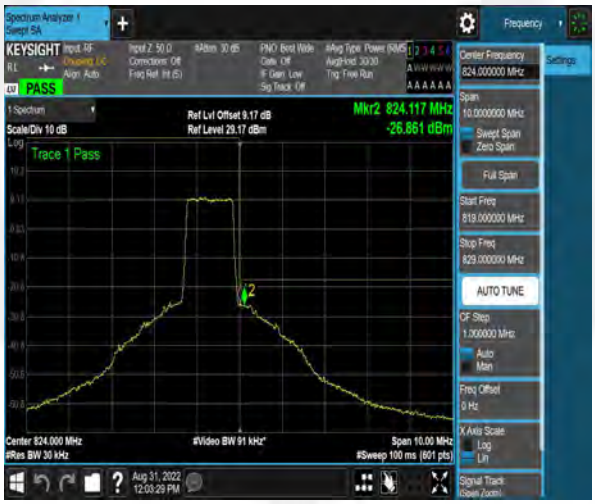
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band26	1.4MHz	64QAM	26697	6RB#0	-25.20,-24.53	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	-26.35,-26.86	PASS
Band26	3MHz	64QAM	26705	15RB#0	-21.95,-24.64	PASS
Band26	3MHz	64QAM	26775	15RB#0	-22.21,-24.88	PASS
Band26	5MHz	64QAM	26715	25RB#0	-23.28,-25.02	PASS
Band26	5MHz	64QAM	26765	25RB#0	-22.49,-25.14	PASS
Band26	10MHz	64QAM	26740	50RB#0	-26.09,-25.75,-22.81,-23.00	PASS
Band26	15MHz	64QAM	26765	1RB#0	-22.72,-27.04	PASS
Band26	15MHz	64QAM	26765	1RB#74	-53.20,-52.21	PASS
Band26	15MHz	64QAM	26765	75RB#0	-27.41,-27.52	PASS

Test Graphs

Band26-1.4MHz-64QAM-26697-6RB#0


Band26-1.4MHz-64QAM-26783-6RB#0


Band26-3MHz-64QAM-26705-15RB#0

Band26-3MHz-64QAM-26775-15RB#0

Band26-5MHz-64QAM-26715-25RB#0

Band26-5MHz-64QAM-26765-25RB#0

Band26-10MHz-64QAM-26740-50RB#0

Band26-15MHz-64QAM-26765-1RB#0

Band26-15MHz-64QAM-26765-1RB#74

Band26-15MHz-64QAM-26765-75RB#0

Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Ref Lvl Offset 9.17 dB
Ref Level 29.17 dBm
Mkr2 811.43 MHz
-27.520 dBm
Scale/Div 10 dB
Trace 1 Pass
Center 819.00 MHz
#Res BW 300 kHz
#Video BW 910 kHz*
Span 20.00 MHz
#Sweep 100 ms (601 pts)
Frequency
Center Frequency
819.000000 MHz
Span
20.0000000 MHz
Full Span
Start Freq
809.000000 MHz
Stop Freq
829.000000 MHz
AUTO TUNE
CF Step
2.000000 MHz
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Aug 31, 2022
12:31:28 PM

Appendix E: Conducted Spurious Emission

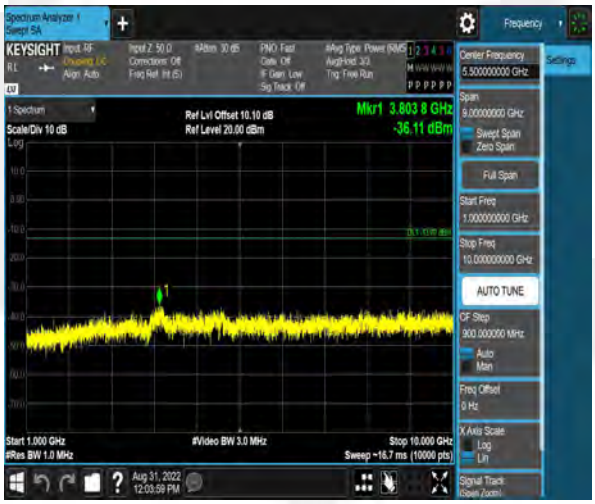
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	64QAM	26697	1RB#0	Range1:30~1000MHz	-45.51	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	Range2:1000~10000MHz	-36.11	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	Range1:30~1000MHz	-45.18	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	Range2:1000~10000MHz	-33.82	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	Range1:30~1000MHz	-45.27	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	Range2:1000~10000MHz	-36.45	PASS
Band26	3MHz	64QAM	26705	1RB#0	Range1:30~1000MHz	-45.87	PASS
Band26	3MHz	64QAM	26705	1RB#0	Range2:1000~10000MHz	-34.97	PASS
Band26	3MHz	64QAM	26740	1RB#0	Range1:30~1000MHz	-45.25	PASS
Band26	3MHz	64QAM	26740	1RB#0	Range2:1000~10000MHz	-34.88	PASS
Band26	3MHz	64QAM	26775	1RB#0	Range1:30~1000MHz	-45.93	PASS
Band26	3MHz	64QAM	26775	1RB#0	Range2:1000~10000MHz	-35.78	PASS
Band26	5MHz	64QAM	26715	1RB#0	Range1:30~1000MHz	-45.7	PASS
Band26	5MHz	64QAM	26715	1RB#0	Range2:1000~10000MHz	-34.98	PASS
Band26	5MHz	64QAM	26740	1RB#0	Range1:30~1000MHz	-44.87	PASS
Band26	5MHz	64QAM	26740	1RB#0	Range2:1000~10000MHz	-36.33	PASS
Band26	5MHz	64QAM	26765	1RB#0	Range1:30~10	-45.06	PASS

					00MHz		
Band26	5MHz	64QAM	26765	1RB#0	Range2:1000~10000MHz	-35.76	PASS
Band26	10MHz	64QAM	26740	1RB#0	Range1:30~1000MHz	-46.14	PASS
Band26	10MHz	64QAM	26740	1RB#0	Range2:1000~10000MHz	-34.72	PASS
Band26	15MHz	64QAM	26765	1RB#0	Range1:30~1000MHz	-44.94	PASS
Band26	15MHz	64QAM	26765	1RB#0	Range2:1000~10000MHz	-34.66	PASS

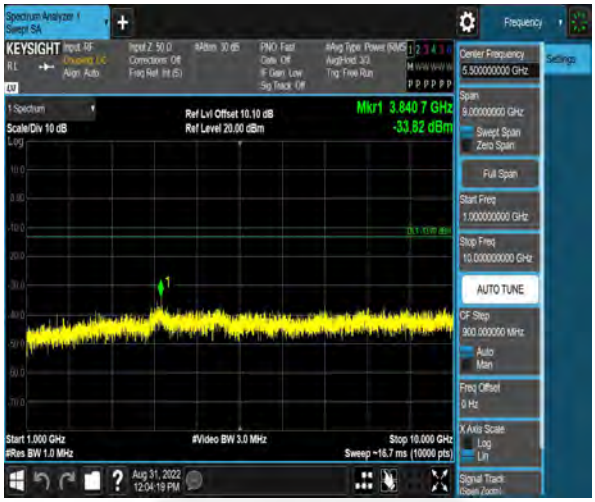
Test Graphs

Band26-1.4MHz-64QAM-26697-1RB#0-Range1:30~1000MHz

Band26-1.4MHz-64QAM-26697-1RB#0-Range2:1000~10000MHz


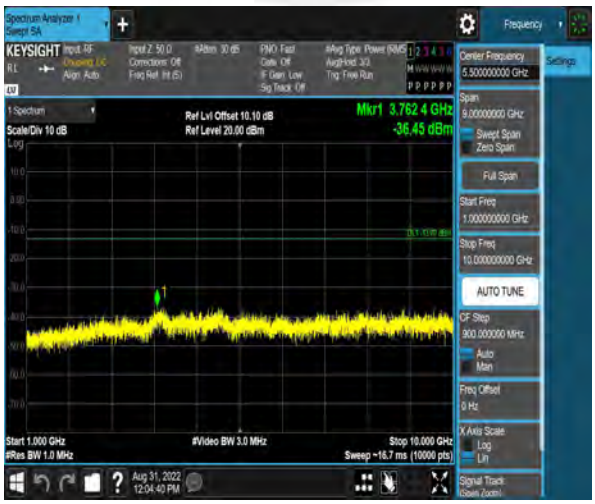
Band26-1.4MHz-64QAM-26740-1RB#0-Range1:30~1000MHz

Band26-1.4MHz-64QAM-26740-1RB#0-Range2:1000~10000MHz



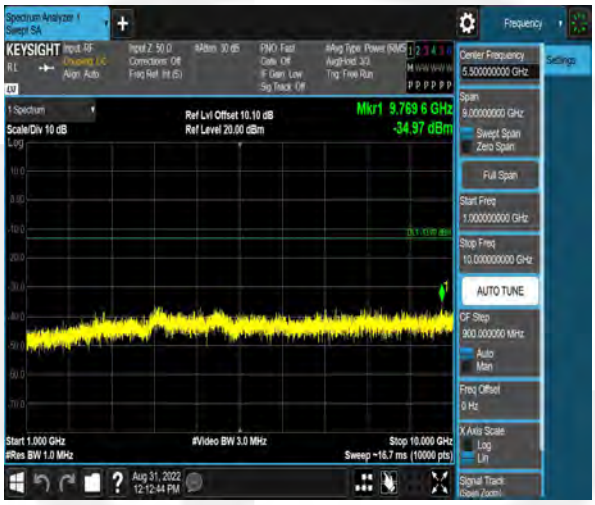
Band26-1.4MHz-64QAM-26783-1RB#0-Range1:30~1000MHz

Band26-1.4MHz-64QAM-26783-1RB#0-Range2:1000~10000MHz



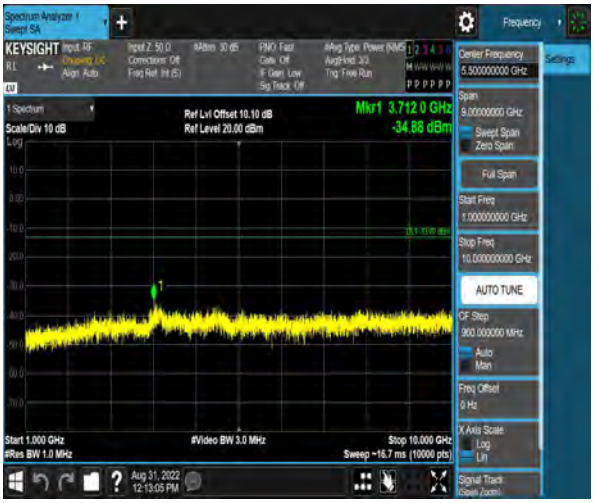
Band26-3MHz-64QAM-26705-1RB#0-Range1:30~1000MHz

Band26-3MHz-64QAM-26705-1RB#0-Range2:1000~10000MHz



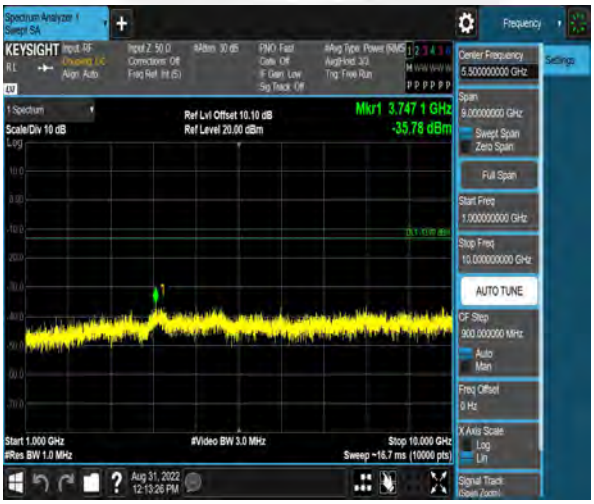
Band26-3MHz-64QAM-26740-1RB#0-Range1:30~1000MHz

Band26-3MHz-64QAM-26740-1RB#0-Range2:1000~10000MHz



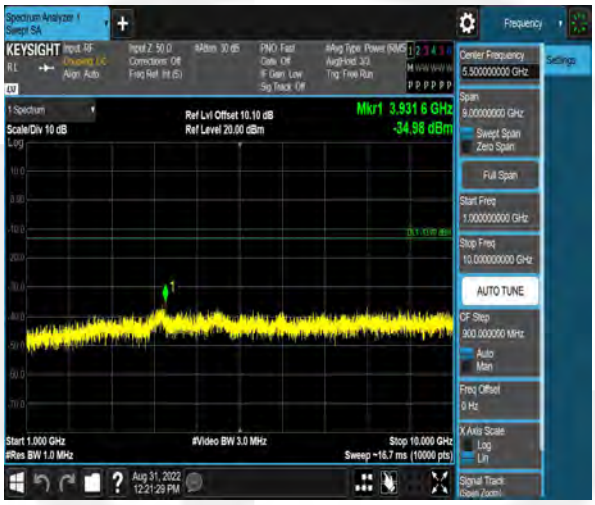
Band26-3MHz-64QAM-26775-1RB#0-Range1:30~1000MHz

Band26-3MHz-64QAM-26775-1RB#0-Range2:1000~10000MHz

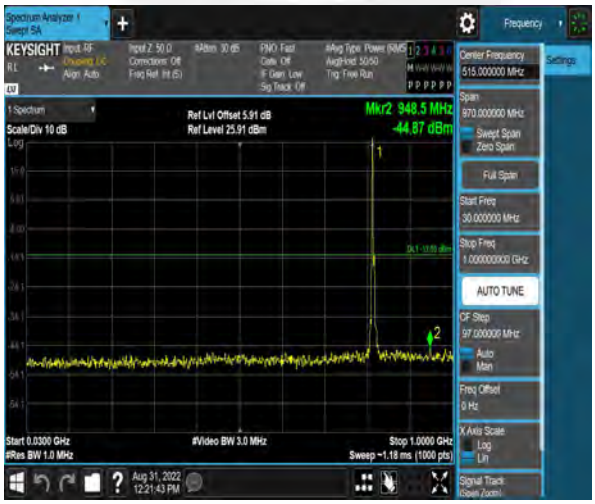


Band26-5MHz-64QAM-26715-1RB#0-Range1:30~1000MHz

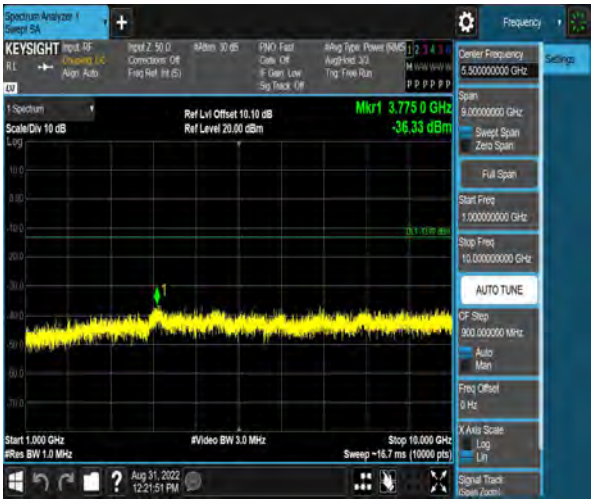
Band26-5MHz-64QAM-26715-1RB#0-Range2:1000~10000MHz



Band26-5MHz-64QAM-26740-1RB#0-Range1:30~1000MHz

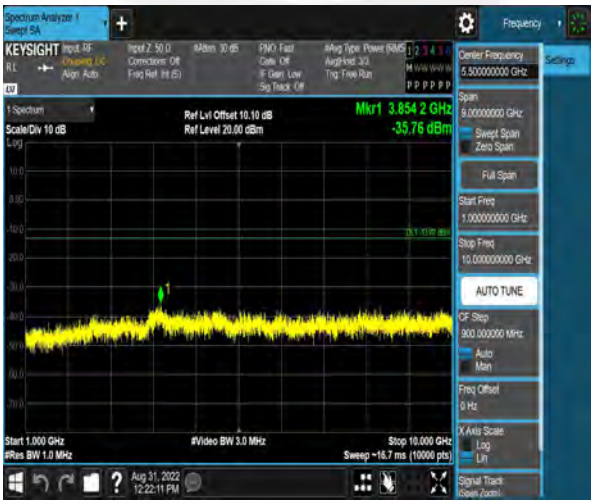


Band26-5MHz-64QAM-26740-1RB#0-Range2:1000~10000MHz



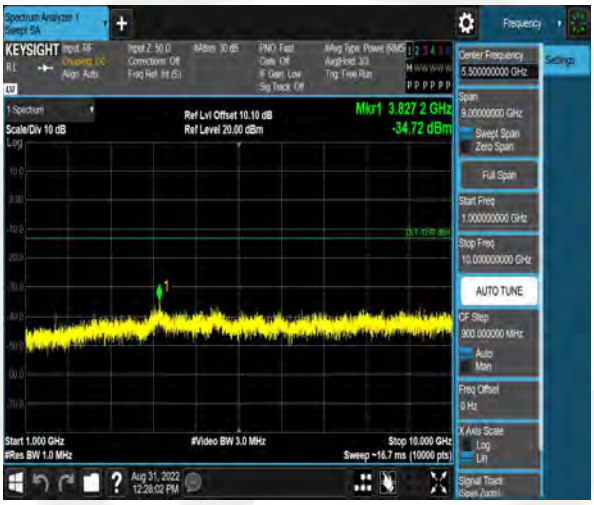
Band26-5MHz-64QAM-26765-1RB#0-Range1:30~1000MHz

Band26-5MHz-64QAM-26765-1RB#0-Range2:1000~10000MHz

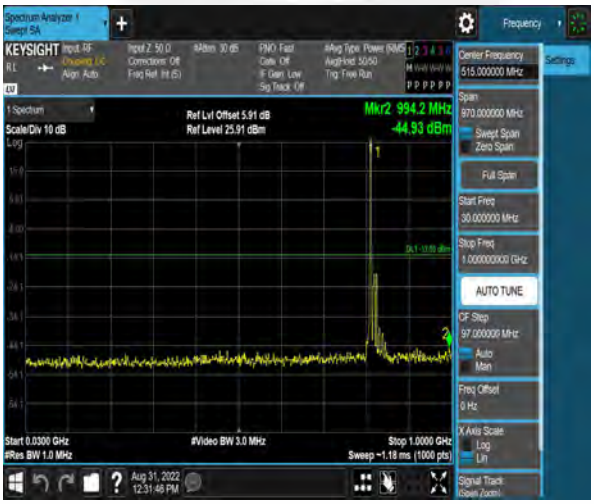


Band26-10MHz-64QAM-26740-1RB#0-Range1:30~1000MHz

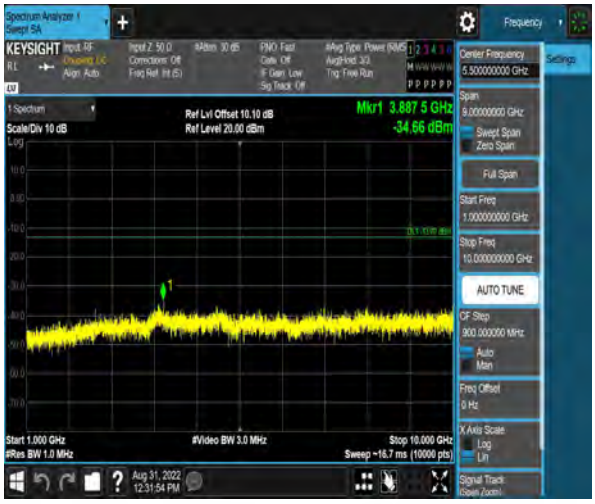
Band26-10MHz-64QAM-26740-1RB#0-Range2:1000~10000MHz



Band26-15MHz-64QAM-26765-1RB#0-Range1:30~1000MHz



Band26-15MHz-64QAM-26765-1RB#0-Range2:1000~10000MHz


KEYSIGHT
Ref Lvl Offset 10.10 dB
Ref Level 20.00 dBm
Mkr1 3.887 5 GHz
-34.66 dBm
Scale/Div 10 dB
Start 1.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 10.000 GHz
Sweep ~16.7 ms (10000 pts)
Center Frequency
5.500000000 GHz
Span
9.000000000 GHz
Full Span
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
AUTO TUNE
CF Step
900.000000 MHz
Freq Offset
0 Hz
Aug 31, 2022
12:31:54 PM

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	26697	6RB#0	VL	NT	-4.36	-0.005352	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	VN	NT	11.64	0.014287	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	VH	NT	-4.41	-0.005413	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	VL	NT	17.62	0.021514	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	VN	NT	15.56	0.018999	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	VH	NT	12.66	0.015458	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	VL	NT	-7.41	-0.009000	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	VN	NT	-13.90	-0.016883	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	VH	NT	-13.09	-0.015899	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	VL	NT	1.49	0.001827	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	VN	NT	-6.38	-0.007823	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	VH	NT	-9.06	-0.011110	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	VL	NT	3.58	0.004371	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	VN	NT	4.89	0.005971	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	VH	NT	2.37	0.002894	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	VL	NT	1.32	0.001605	±2.5	PASS

Band26	3MHz	64QAM	26775	15RB#0	VN	NT	-3.30	-0.004012	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	VH	NT	4.33	0.005264	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	VL	NT	6.75	0.008267	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	VN	NT	2.27	0.002780	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	VH	NT	7.22	0.008843	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	VL	NT	9.33	0.011392	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	VN	NT	2.82	0.003443	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	VH	NT	1.92	0.002344	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	VL	NT	-7.65	-0.009312	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	VN	NT	-5.72	-0.006963	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	VH	NT	-8.23	-0.010018	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VL	NT	3.66	0.004469	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VN	NT	2.02	0.002466	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VH	NT	-2.40	-0.002930	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	VL	NT	1.53	0.001862	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	VN	NT	-4.88	-0.005940	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	VH	NT	-2.02	-0.002459	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

Band26	1.4MHz	64QAM	26697	6RB#0	NV	-30	-8.83	-0.010838	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	-20	-10.00	-0.012274	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	-10	-2.26	-0.002774	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	0	-2.25	-0.002762	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	10	-9.56	-0.011734	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	20	-7.40	-0.009083	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	30	-9.58	-0.011759	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	40	-9.11	-0.011182	±2.5	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	NV	50	-2.45	-0.003007	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	-30	1.57	0.001917	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	-20	2.02	0.002466	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	-10	-8.24	-0.010061	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	0	-4.85	-0.005922	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	10	-9.61	-0.011734	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	20	-5.97	-0.007289	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	30	-9.41	-0.011490	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	40	-7.05	-0.008608	±2.5	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	NV	50	1.30	0.001587	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	-30	-7.21	-0.0087	±2.5	PASS

								57		
Band26	1.4MHz	64QAM	26783	6RB#0	NV	-20	-2.00	-0.002429	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	-10	-7.00	-0.008502	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	0	-3.32	-0.004033	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	10	2.42	0.002939	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	20	-5.11	-0.006207	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	30	-1.67	-0.002028	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	40	-4.94	-0.006000	±2.5	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	NV	50	-1.39	-0.001688	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	-30	-3.99	-0.004893	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	-20	-5.68	-0.006965	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	-10	-5.88	-0.007210	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	0	-4.18	-0.005126	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	10	1.70	0.002085	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	20	-7.51	-0.009209	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	30	-4.68	-0.005739	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	40	-2.43	-0.002980	±2.5	PASS
Band26	3MHz	64QAM	26705	15RB#0	NV	50	-6.74	-0.008265	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	-30	6.12	0.007473	±2.5	PASS

Band26	3MHz	64QAM	26740	15RB#0	NV	-20	-1.82	-0.002222	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	-10	4.99	0.006093	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	0	-2.20	-0.002686	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	10	6.32	0.007717	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	20	2.86	0.003492	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	30	-3.53	-0.004310	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	40	5.94	0.007253	±2.5	PASS
Band26	3MHz	64QAM	26740	15RB#0	NV	50	2.98	0.003639	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	-30	10.10	0.012280	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	-20	7.28	0.008851	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	-10	11.77	0.014310	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	0	7.40	0.008997	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	10	9.37	0.011392	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	20	3.65	0.004438	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	30	6.27	0.007623	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	40	7.52	0.009143	±2.5	PASS
Band26	3MHz	64QAM	26775	15RB#0	NV	50	-1.33	-0.001617	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	-30	-2.19	-0.002682	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	-20	2.06	0.00252	±2.5	PASS

								3		
Band26	5MHz	64QAM	26715	25RB#0	NV	-10	5.87	0.007189	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	0	8.18	0.010018	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	10	4.45	0.005450	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	20	8.63	0.010570	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	30	6.51	0.007973	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	40	3.53	0.004323	±2.5	PASS
Band26	5MHz	64QAM	26715	25RB#0	NV	50	1.89	0.002315	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	-30	8.60	0.010501	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	-20	6.84	0.008352	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	-10	3.05	0.003724	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	0	1.99	0.002430	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	10	-3.26	-0.003980	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	20	5.56	0.006789	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	30	2.88	0.003516	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	40	2.73	0.003333	±2.5	PASS
Band26	5MHz	64QAM	26740	25RB#0	NV	50	-1.13	-0.001380	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	-30	-6.74	-0.008205	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	-20	-3.53	-0.004297	±2.5	PASS

Band26	5MHz	64QAM	26765	25RB#0	NV	-10	-1.82	-0.002215	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	0	-7.78	-0.009470	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	10	-6.39	-0.007778	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	20	-2.27	-0.002763	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	30	1.77	0.002155	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	40	-5.81	-0.007072	±2.5	PASS
Band26	5MHz	64QAM	26765	25RB#0	NV	50	-4.71	-0.005733	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-30	5.02	0.006129	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-20	-1.89	-0.002308	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-10	3.93	0.004799	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	0	6.94	0.008474	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	10	-1.65	-0.002015	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	20	3.53	0.004310	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	30	-5.32	-0.006496	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	40	-3.15	-0.003846	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	50	1.63	0.001990	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	-30	-2.12	-0.002581	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	-20	-4.56	-0.005551	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	-10	-7.11	-0.0086	±2.5	PASS

								55		
Band26	15MHz	64QAM	26765	75RB#0	NV	0	-9.03	-0.010992	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	10	-3.30	-0.004017	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	20	-6.24	-0.007596	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	30	-9.87	-0.012015	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	40	-4.63	-0.005636	±2.5	PASS
Band26	15MHz	64QAM	26765	75RB#0	NV	50	-8.48	-0.010323	±2.5	PASS