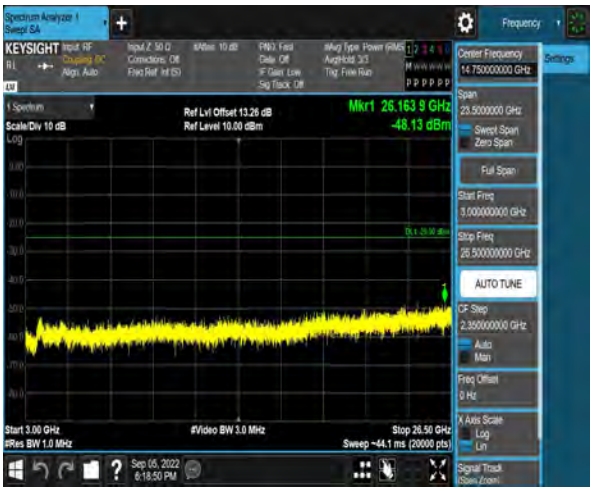
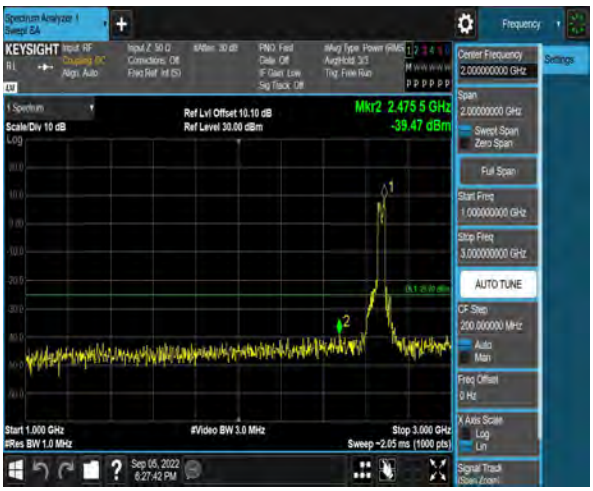


41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0-30~1000MHz

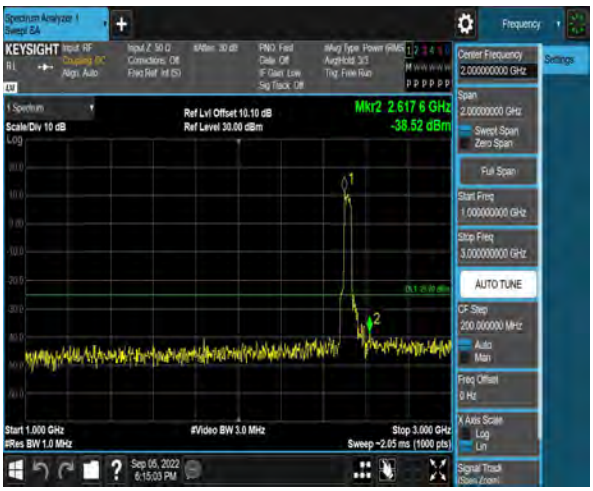
41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0-1000~3000MHz



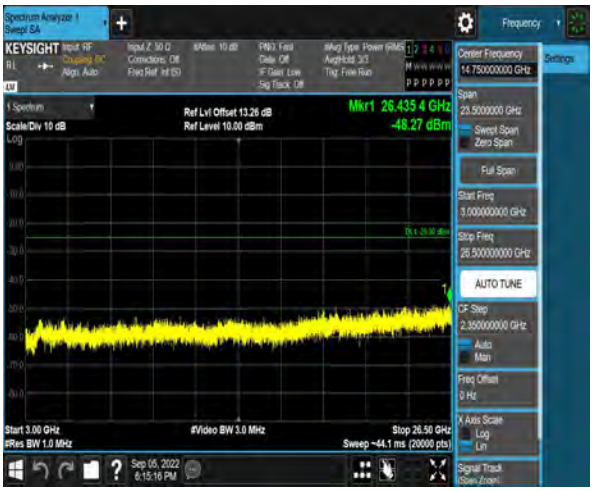
41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0-3000~26500MHz

41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0-30~1000MHz

41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0-1000~3000MHz

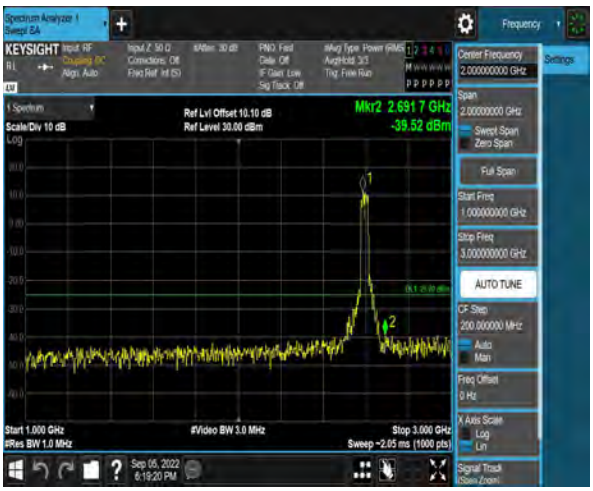


41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0-3000~26500MHz

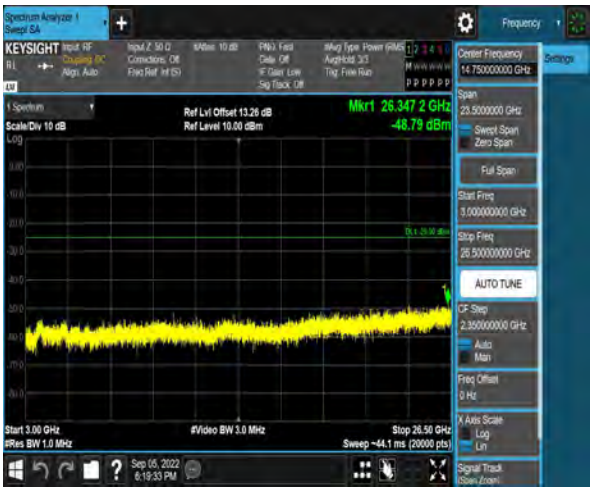


41-41-15MHz-20MHz-64QAM-64QAM-40523-40694-75RB#0-100RB#0-30~1000MHz

41-41-15MHz-20MHz-64QAM-64QAM-40523-40694-75RB#0-100RB#0-1000~3000MHz

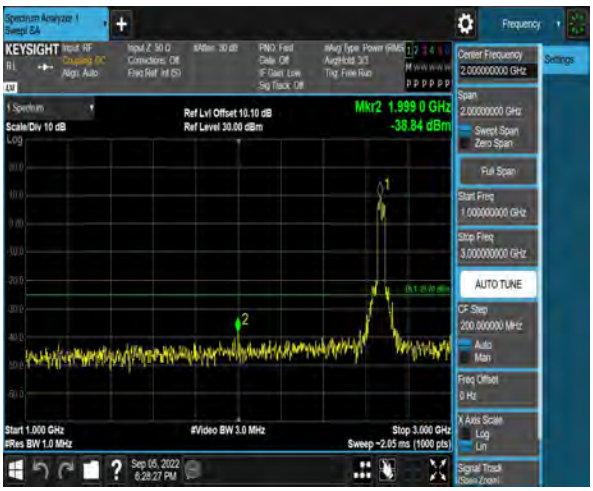


41-41-15MHz-20MHz-64QAM-64QAM-40523-40694-75RB#0-100RB#0-3000~26500MHz



41-41-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0-30~1000MHz

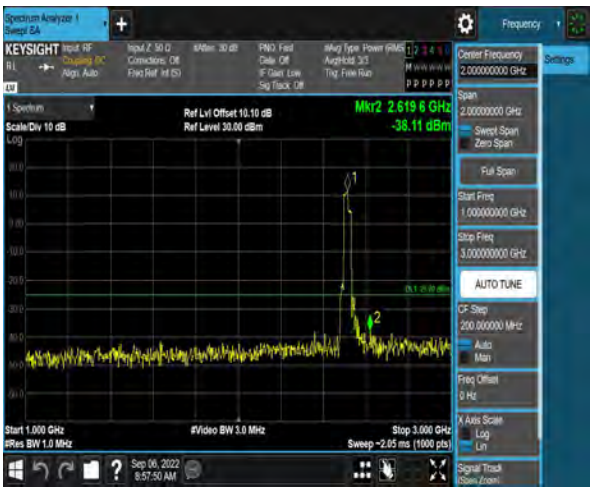
41-41-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0-1000~3000MHz



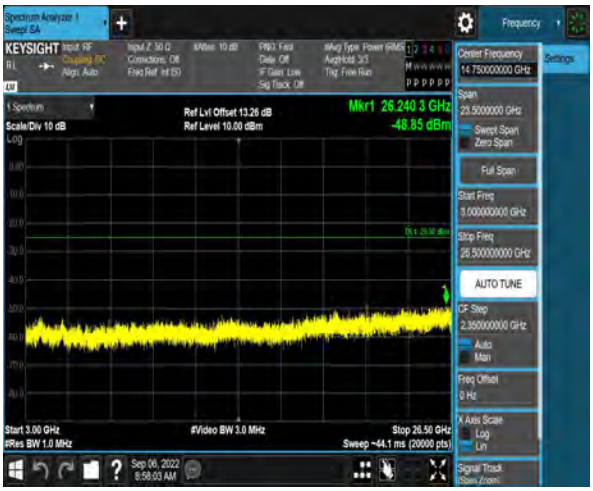
41-41-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0-3000~26500MHz

41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0-30~1000MHz

41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0-1000~3000MHz

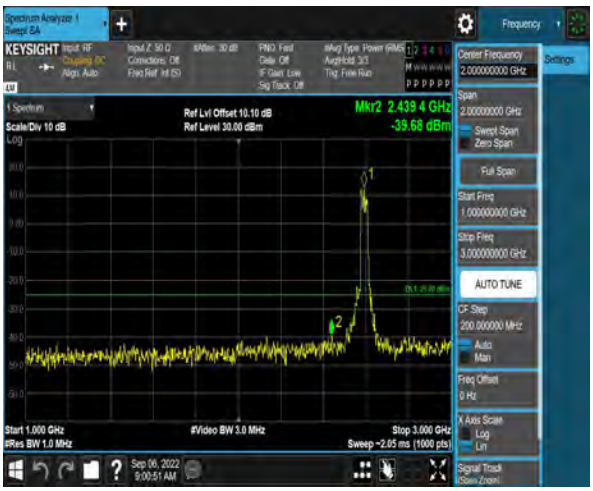


41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0-3000~26500MHz



41-41-20MHz-15MHz-QPSK-QPSK-40546-40717-100RB#0-75RB#0-30~1000MHz

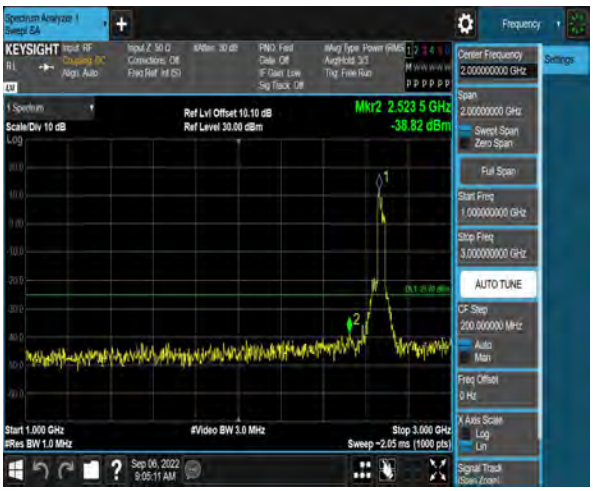
41-41-20MHz-15MHz-QPSK-QPSK-40546-40717-100RB#0-75RB#0-1000~3000MHz



41-41-20MHz-15MHz-QPSK-QPSK-40546-40717-100RB#0-75RB#0-3000~26500MHz

41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0-30~1000MHz

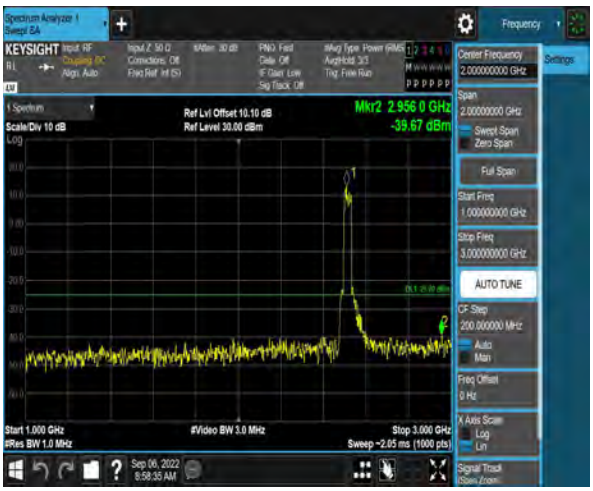
41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0-1000~3000MHz



41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0-3000~26500MHz

41-41-20MHz-15MHz-16QAM-16QAM-39750-39921-100RB#0-75RB#0-30~1000MHz

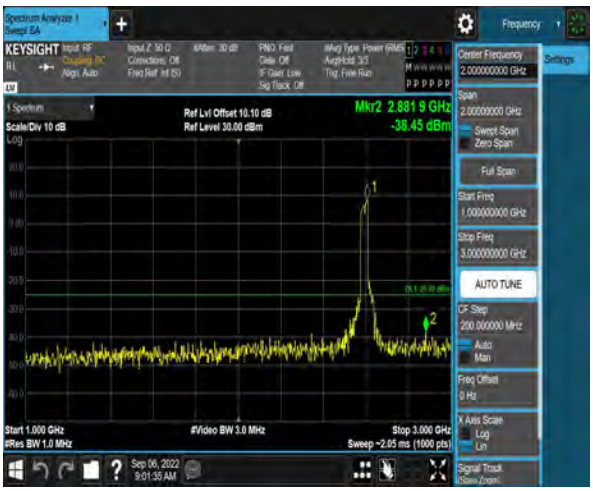
41-41-20MHz-15MHz-16QAM-16QAM-39750-39921-100RB#0-75RB#0-1000~3000MHz



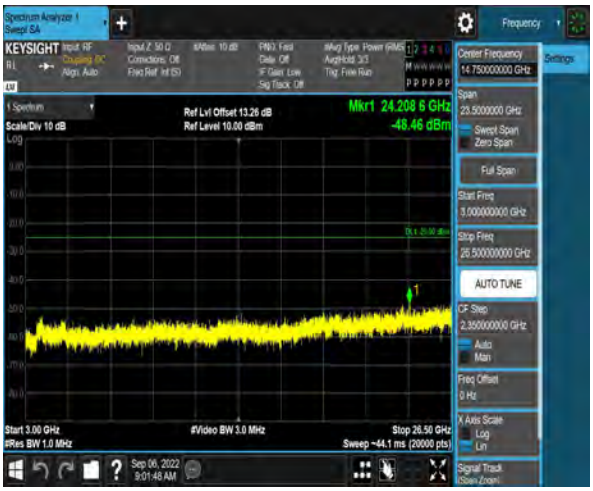
41-41-20MHz-15MHz-16QAM-16QAM-39750-39921-100RB#0-75RB#0-3000~26500MHz

41-41-20MHz-15MHz-16QAM-16QAM-40546-40717-100RB#0-75RB#0-30~1000MHz

41-41-20MHz-15MHz-16QAM-16QAM-40546-40717-100RB#0-75RB#0-1000~3000MHz

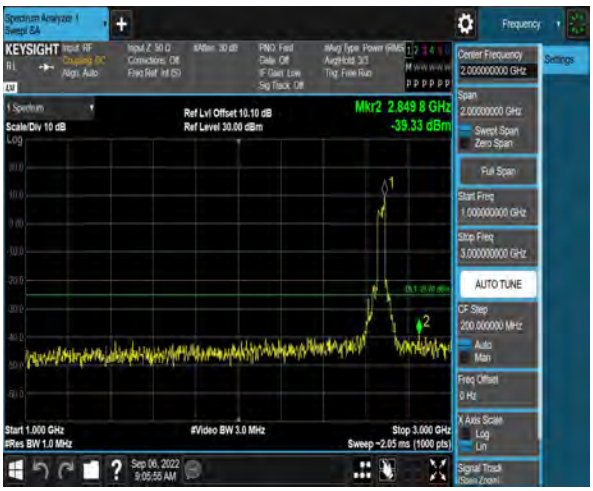


41-41-20MHz-15MHz-16QAM-16QAM-40546-40717-100RB#0-75RB#0-3000~26500MHz

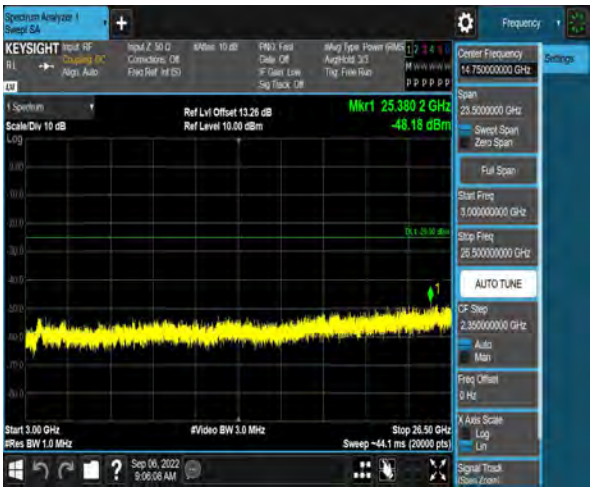


41-41-20MHz-15MHz-16QAM-16QAM-41341-41512-100RB#0-75RB#0-30~1000MHz

41-41-20MHz-15MHz-16QAM-16QAM-41341-41512-100RB#0-75RB#0-1000~3000MHz



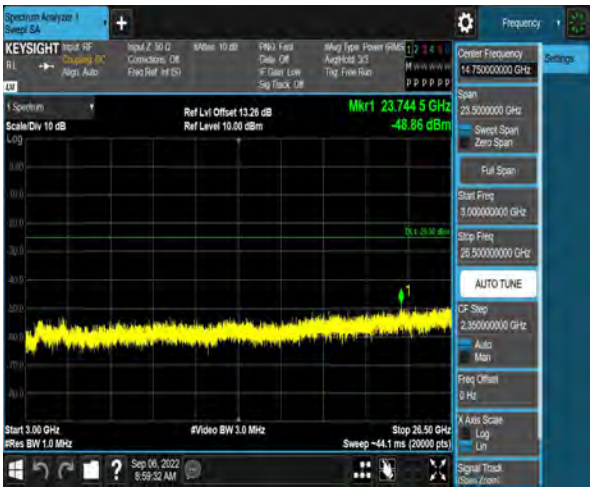
41-41-20MHz-15MHz-16QAM-16QAM-41341-41512-100RB#0-75RB#0-3000~26500MHz



41-41-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0-30~1000MHz

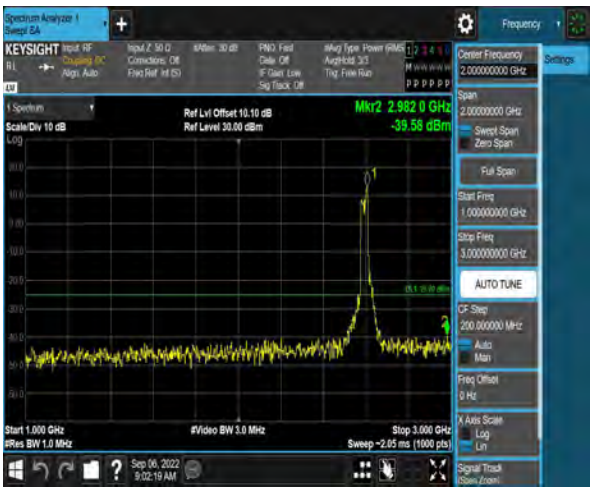
41-41-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0-1000~3000MHz

41-41-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0-3000~26500MHz

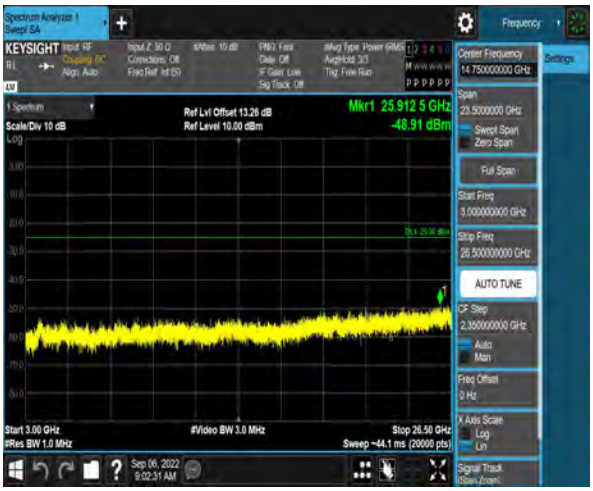


41-41-20MHz-15MHz-64QAM-64QAM-40546-40717-100RB#0-75RB#0-30~1000MHz

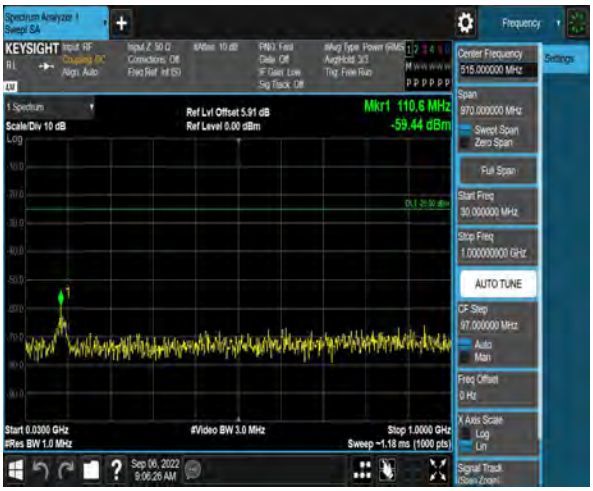
41-41-20MHz-15MHz-64QAM-64QAM-40546-40717-100RB#0-75RB#0-1000~3000MHz



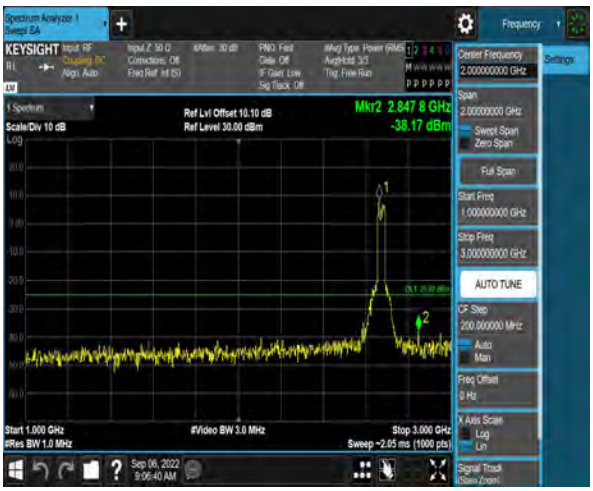
41-41-20MHz-15MHz-64QAM-64QAM-40546-40717-100RB#0-75RB#0-3000~26500MHz



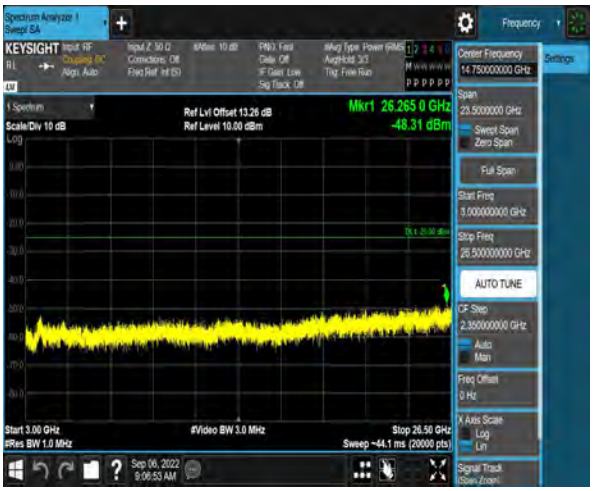
41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0-30~1000MHz



41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0-1000~3000MHz

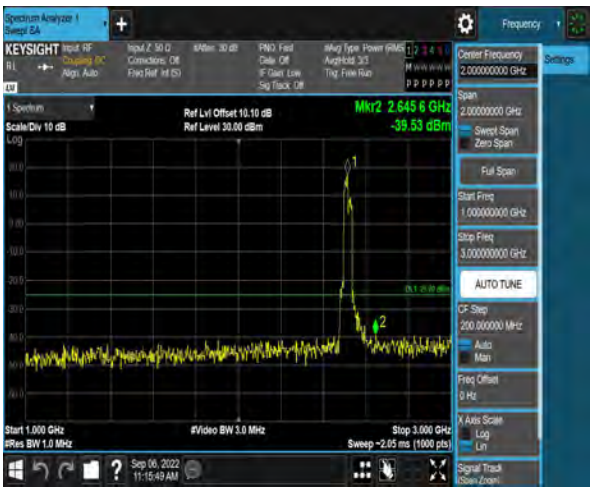


41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0-3000~26500MHz

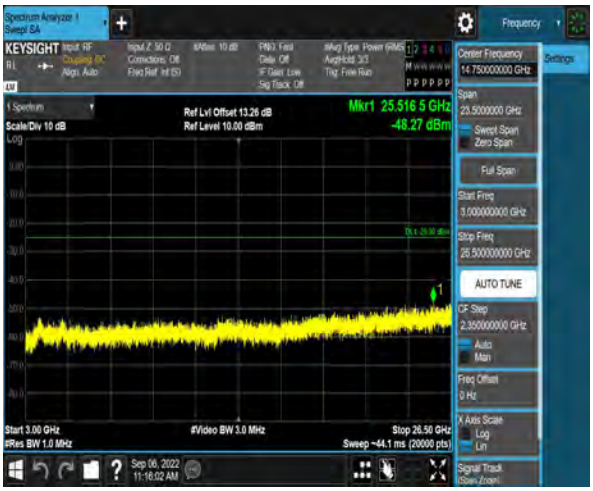


41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0-30~1000MHz

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0-1000~3000MHz

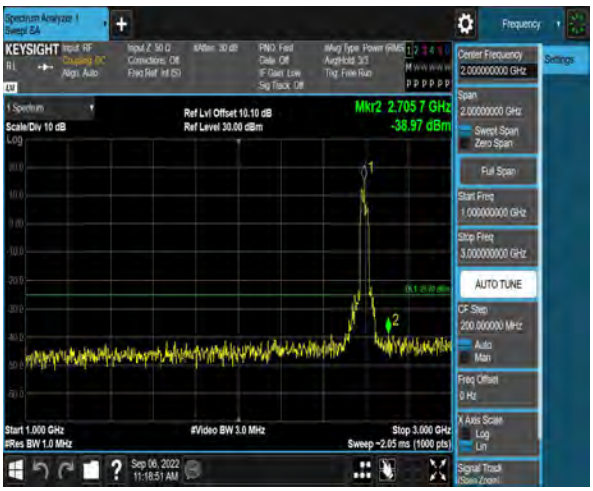


41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0-3000~26500MHz

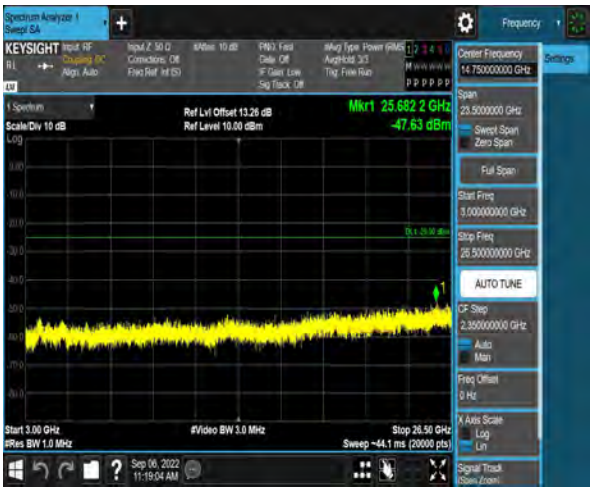


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-30~1000MHz

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-1000~3000MHz

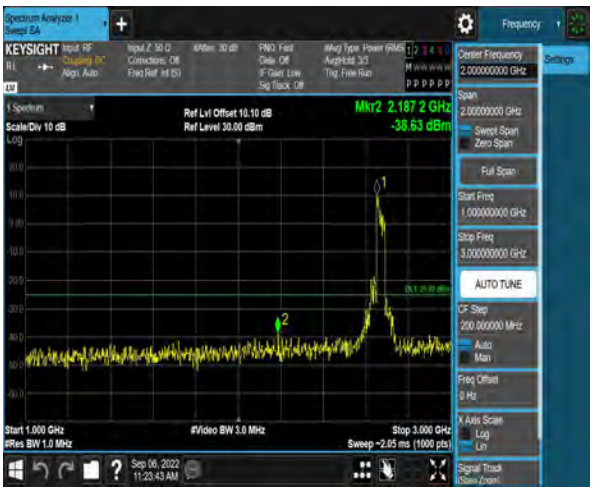


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-3000~26500MHz



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0-30~1000MHz

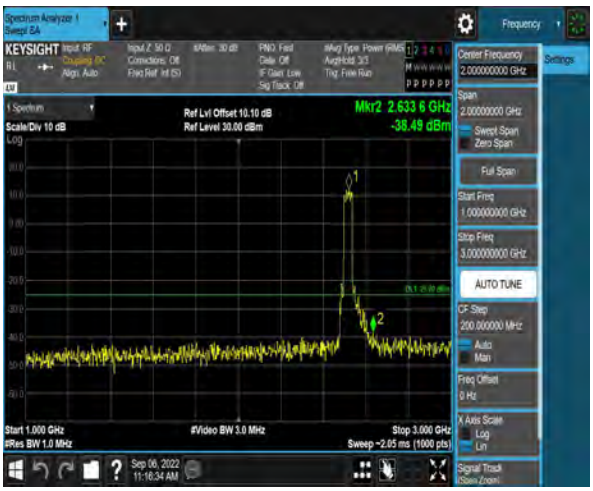
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0-1000~3000MHz



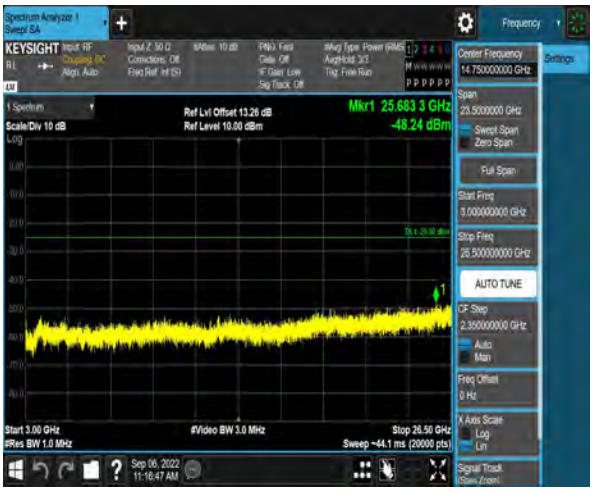
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0-3000~26500MHz

41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0-30~1000MHz

41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0-1000~3000MHz



41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0-3000~26500MHz



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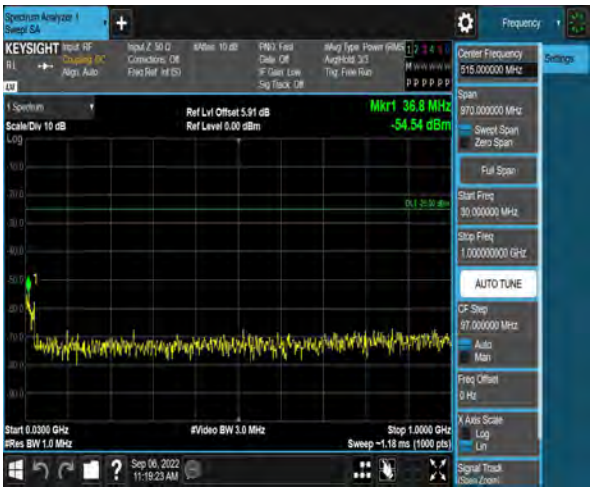
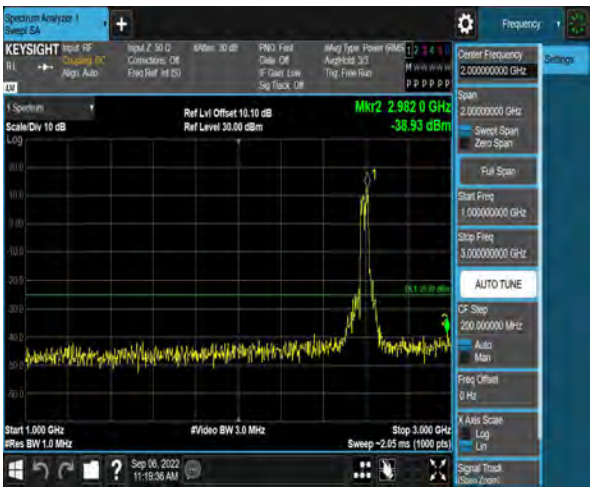
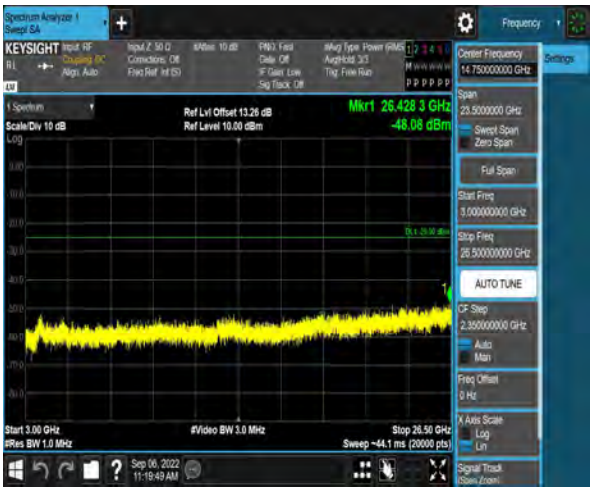


41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0-1000~3000MHz

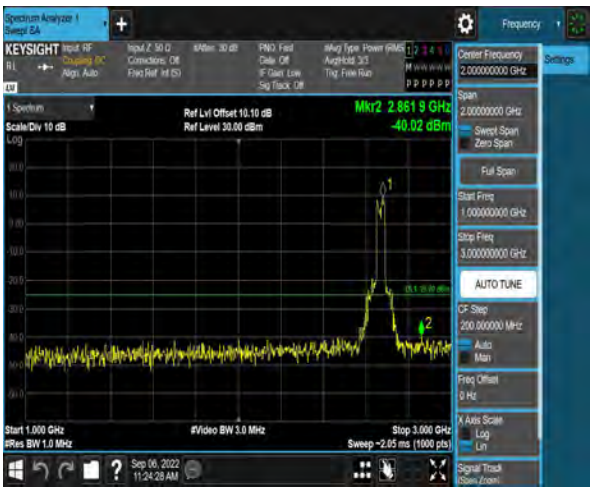


41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0-3000~26500MHz

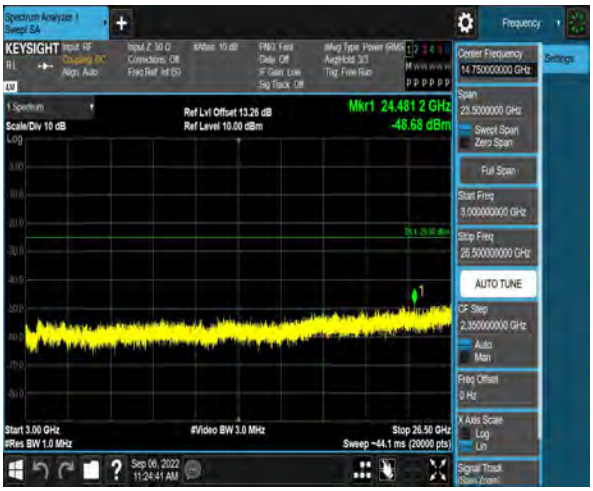


41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0-30~1000MHz

41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0-1000~3000MHz

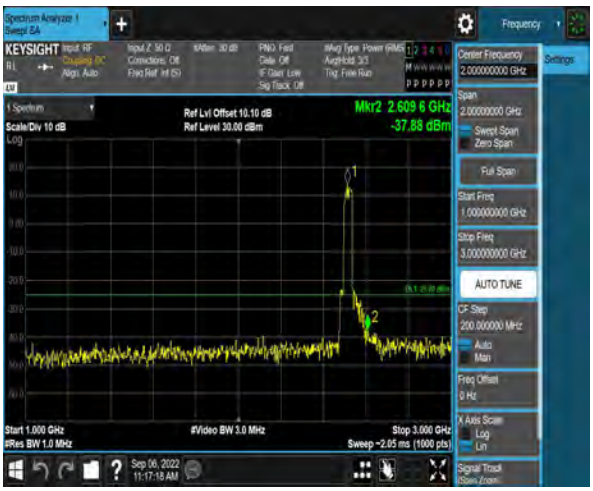


41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0-3000~26500MHz

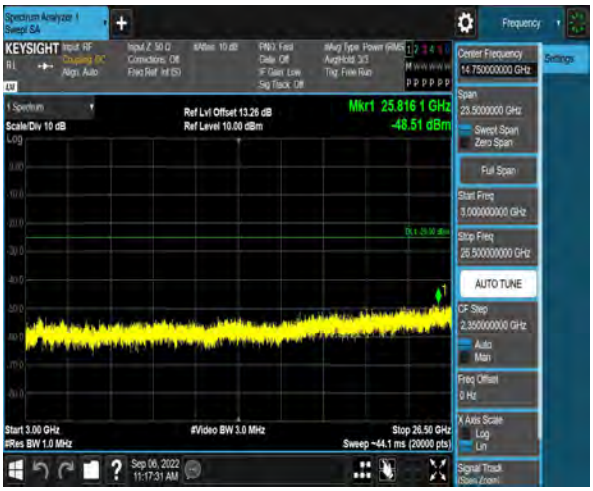


41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0-30~1000MHz

41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0-1000~3000MHz

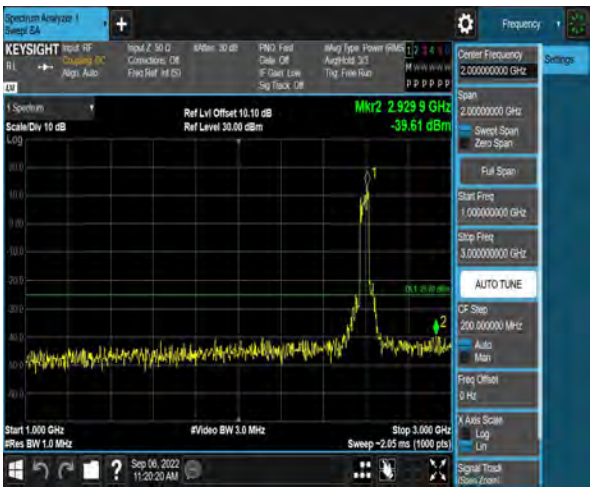


41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0-3000~26500MHz

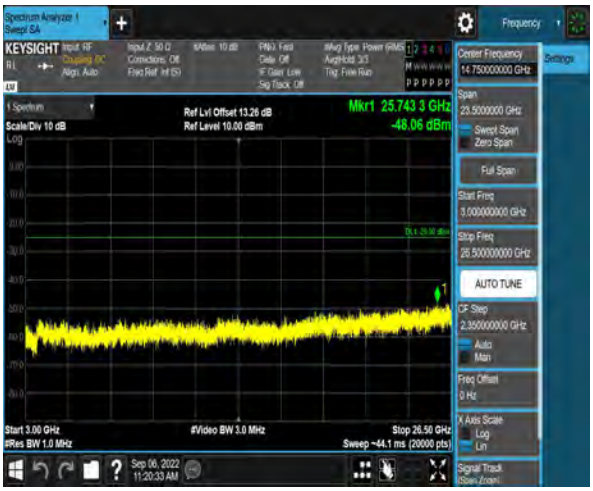


41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0-30~1000MHz

41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0-1000~3000MHz

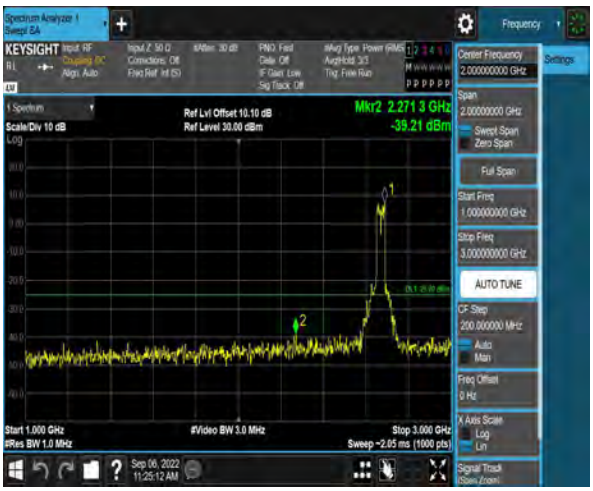


41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0-3000~26500MHz

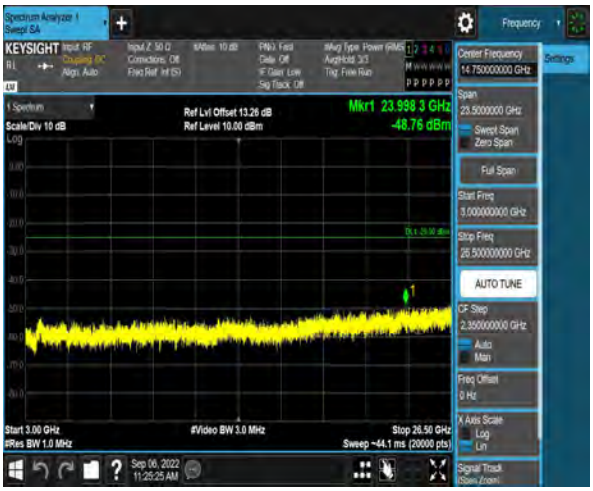


41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0-30~1000MHz

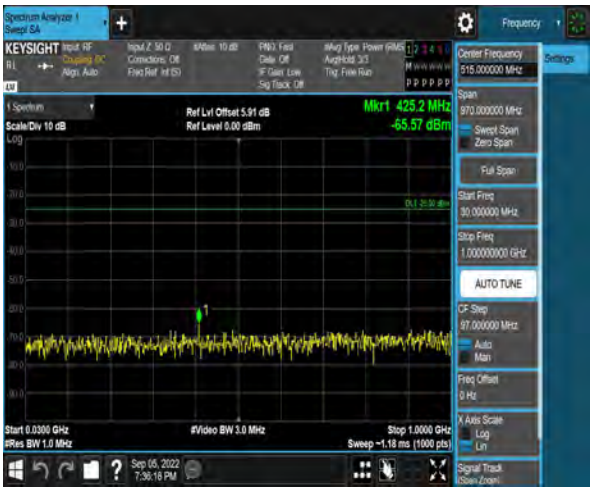
41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0-1000~3000MHz



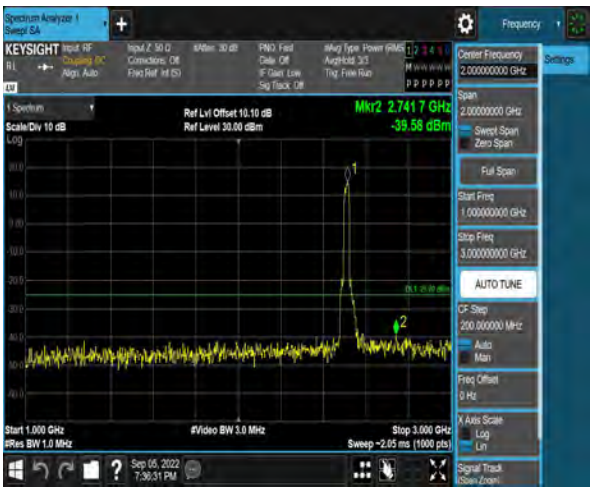
41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0-3000~26500MHz



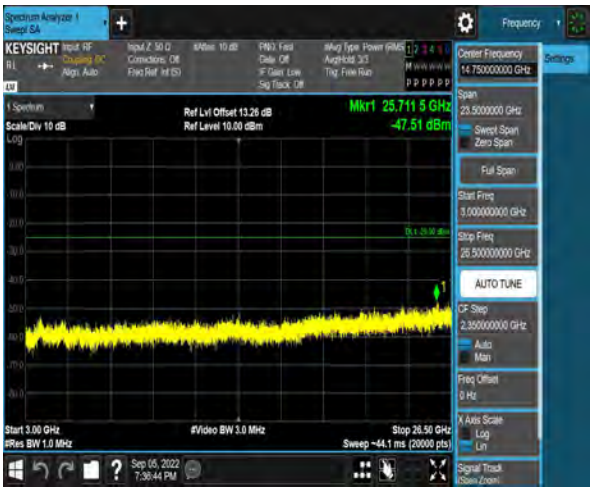
41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0-30~1000MHz



41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0-1000~3000MHz

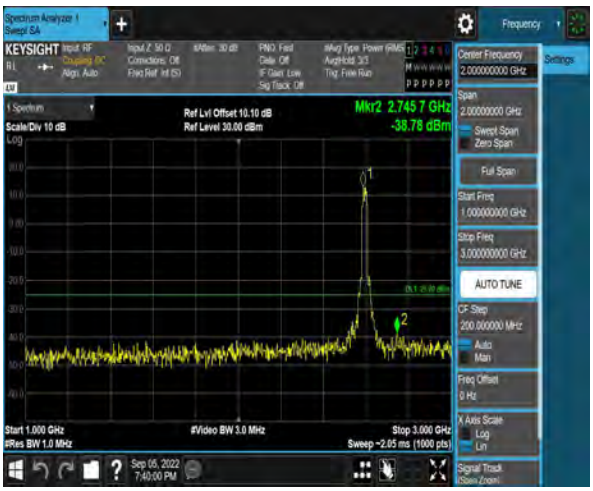


41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0-3000~26500MHz

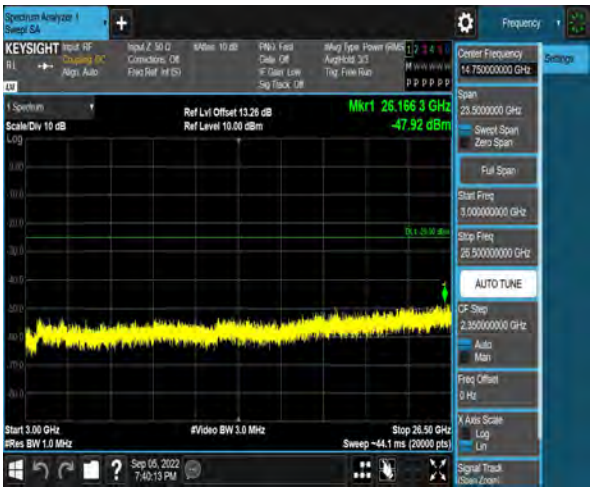


41-41-20MHz-5MHz-QPSK-QPSK-40595-40712-100RB#0-25RB#0-30~1000MHz

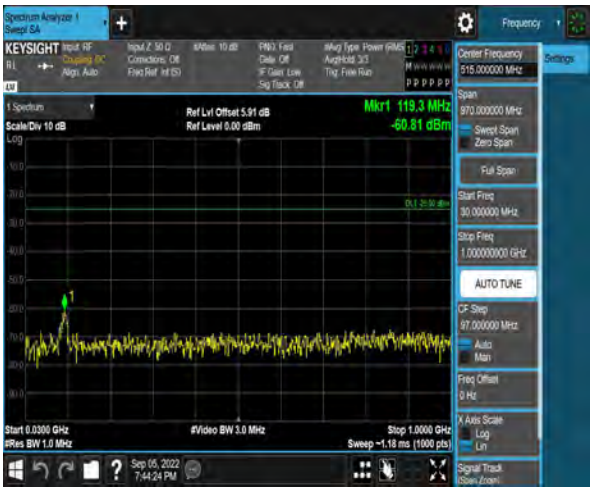
41-41-20MHz-5MHz-QPSK-QPSK-40595-40712-100RB#0-25RB#0-1000~3000MHz



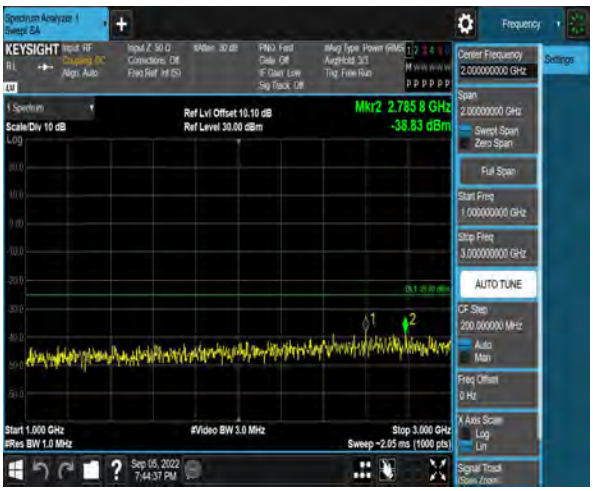
41-41-20MHz-5MHz-QPSK-QPSK-40595-40712-100RB#0-25RB#0-3000~26500MHz



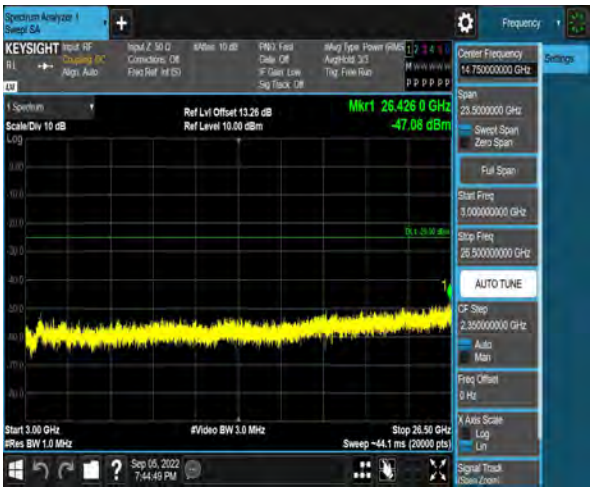
41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB#0-25RB#0-30~1000MHz



41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB#0-25RB#0-1000~3000MHz

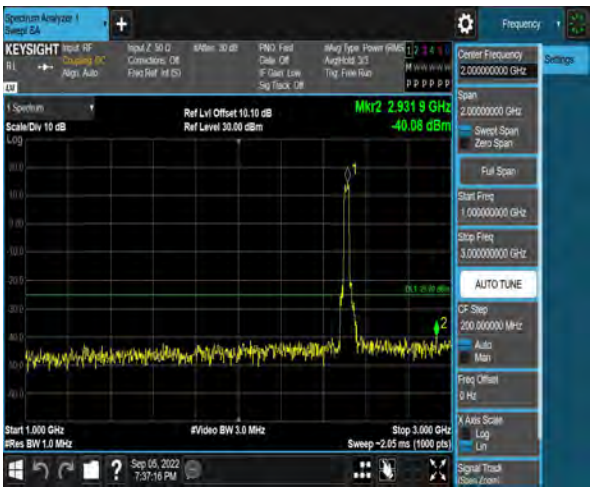


41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB#0-25RB#0-3000~26500MHz

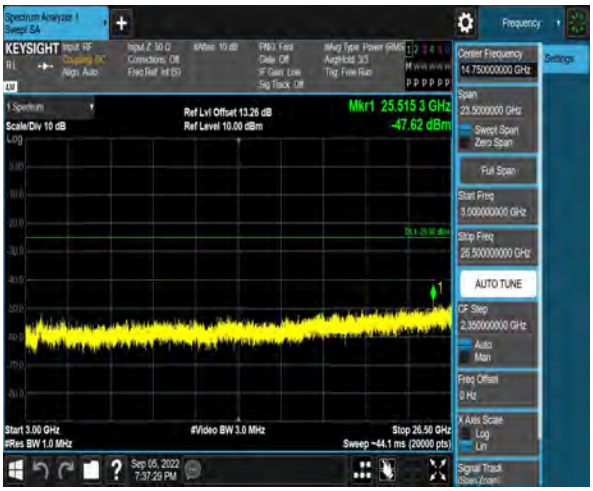


41-41-20MHz-5MHz-16QAM-16QAM-39750-39867-100RB#0-25RB#0-30~1000MHz

41-41-20MHz-5MHz-16QAM-16QAM-39750-39867-100RB#0-25RB#0-1000~3000MHz

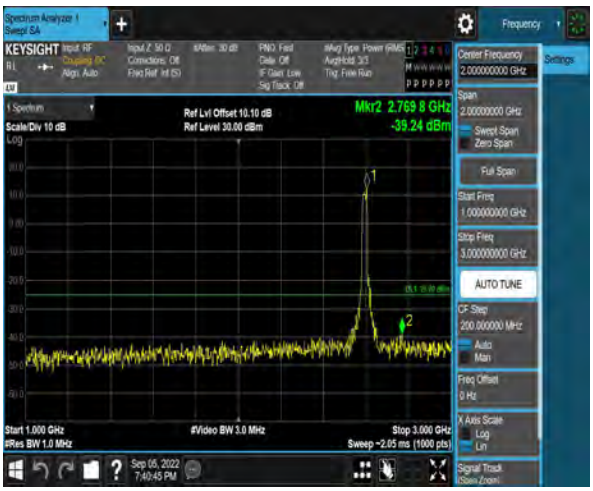


41-41-20MHz-5MHz-16QAM-16QAM-39750-39867-100RB#0-25RB#0-3000~26500MHz

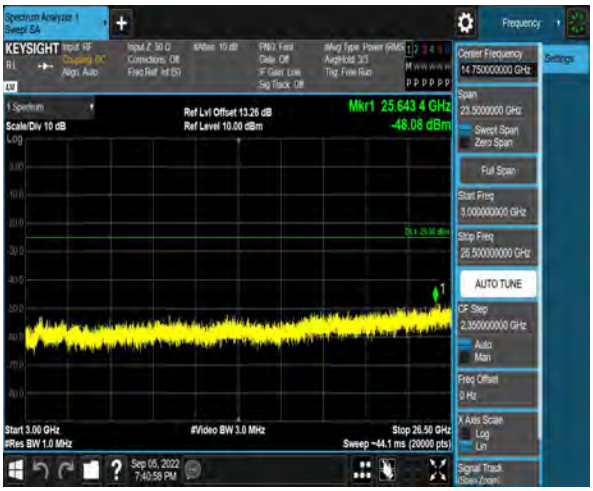


41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0-30~1000MHz

41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0-1000~3000MHz



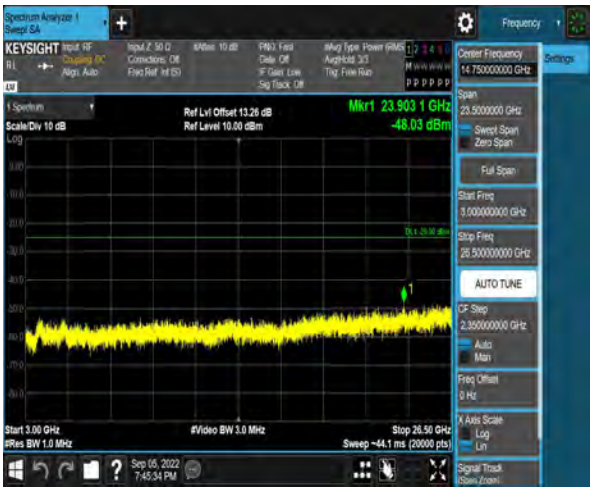
41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0-3000~26500MHz



41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0-30~1000MHz

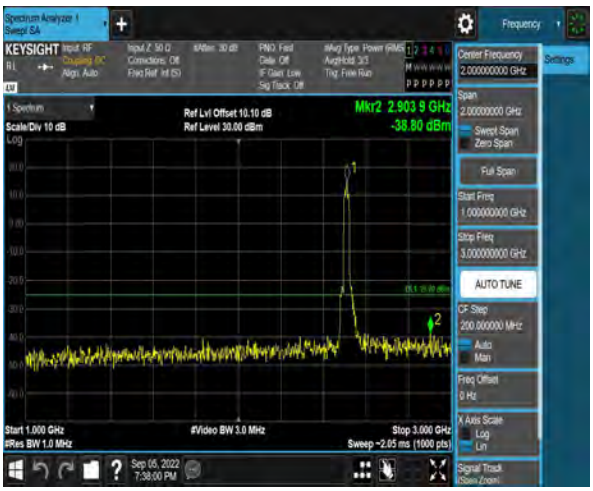
41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0-1000~3000MHz

41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0-3000~26500MHz

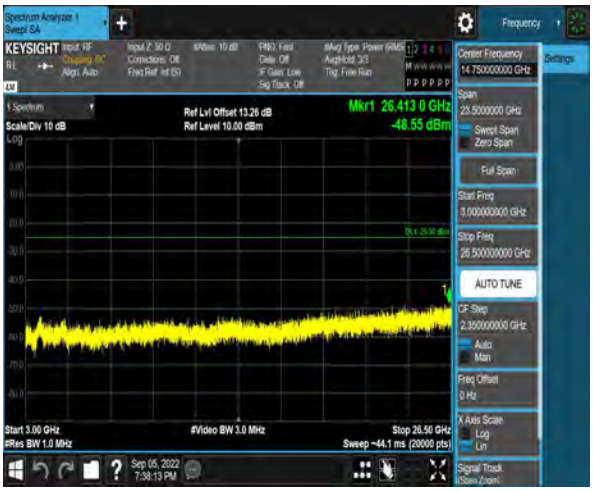


41-41-20MHz-5MHz-64QAM-64QAM-39750-39867-100RB#0-25RB#0-30~1000MHz

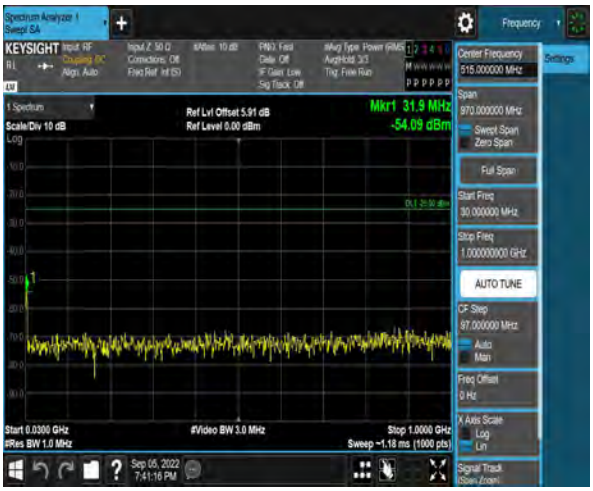
41-41-20MHz-5MHz-64QAM-64QAM-39750-39867-100RB#0-25RB#0-1000~3000MHz



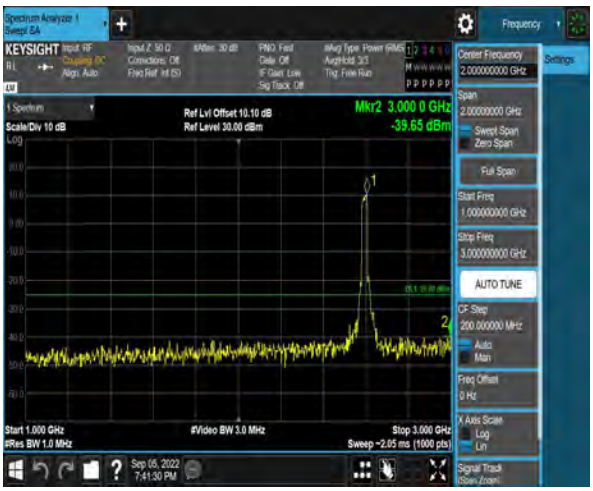
41-41-20MHz-5MHz-64QAM-64QAM-39750-39867-100RB#0-25RB#0-3000~26500MHz



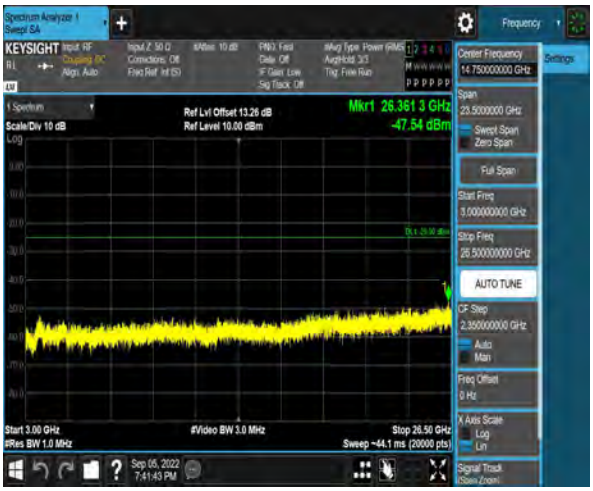
41-41-20MHz-5MHz-64QAM-64QAM-40595-40712-100RB#0-25RB#0-30~1000MHz



41-41-20MHz-5MHz-64QAM-64QAM-40595-40712-100RB#0-25RB#0-1000~3000MHz

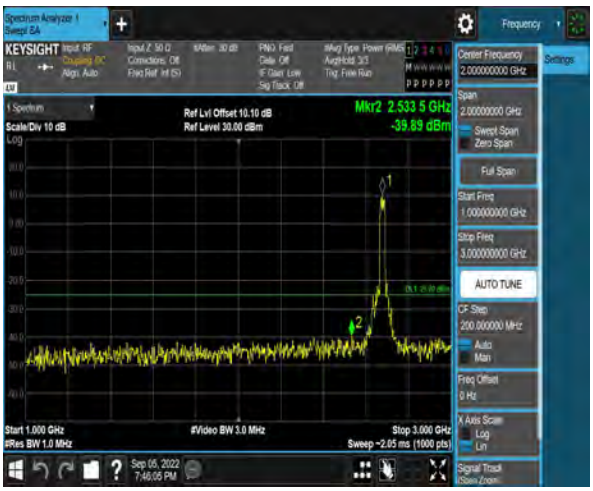


41-41-20MHz-5MHz-64QAM-64QAM-40595-40712-100RB#0-25RB#0-3000~26500MHz

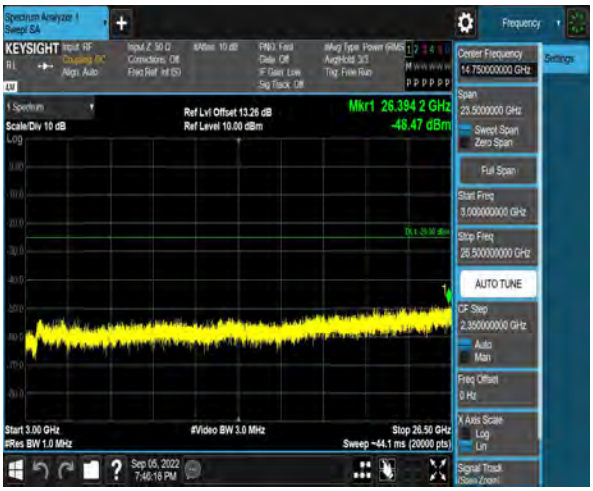


41-41-20MHz-5MHz-64QAM-64QAM-41440-41557-100RB#0-25RB#0-30~1000MHz

41-41-20MHz-5MHz-64QAM-64QAM-41440-41557-100RB#0-25RB#0-1000~3000MHz

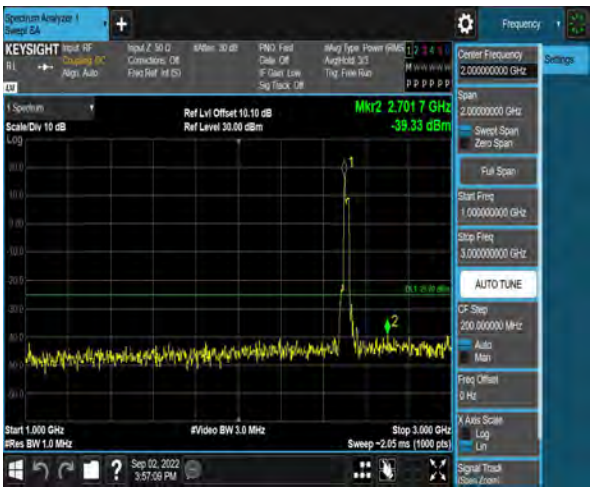


41-41-20MHz-5MHz-64QAM-64QAM-41440-41557-100RB#0-25RB#0-3000~26500MHz

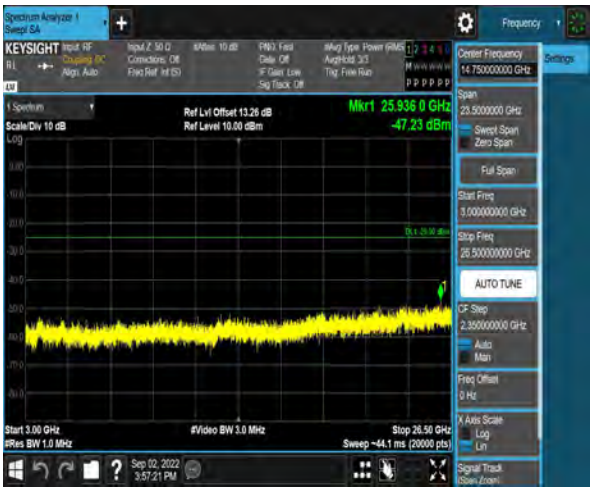


41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0-30~1000MHz

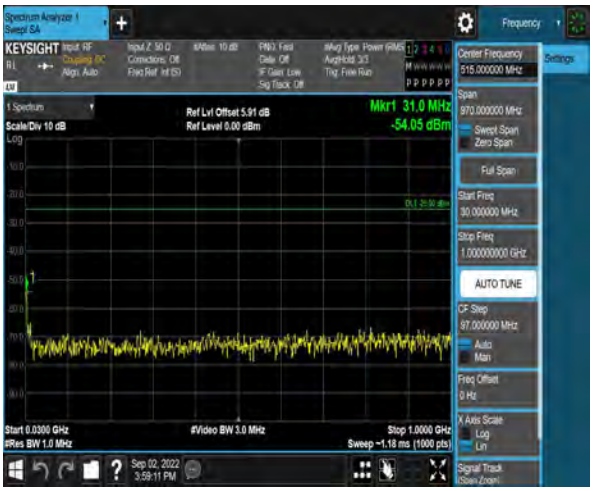
41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0-1000~3000MHz



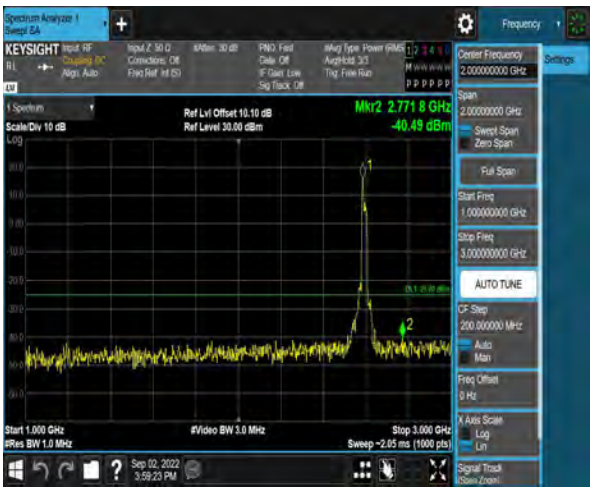
41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0-3000~26500MHz



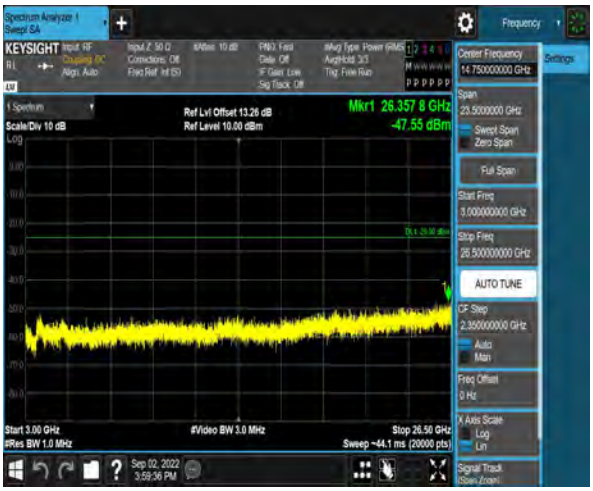
41-41-5MHz-20MHz-QPSK-QPSK-40528-40645-25RB#0-100RB#0-30~1000MHz



41-41-5MHz-20MHz-QPSK-QPSK-40528-40645-25RB#0-100RB#0-1000~3000MHz

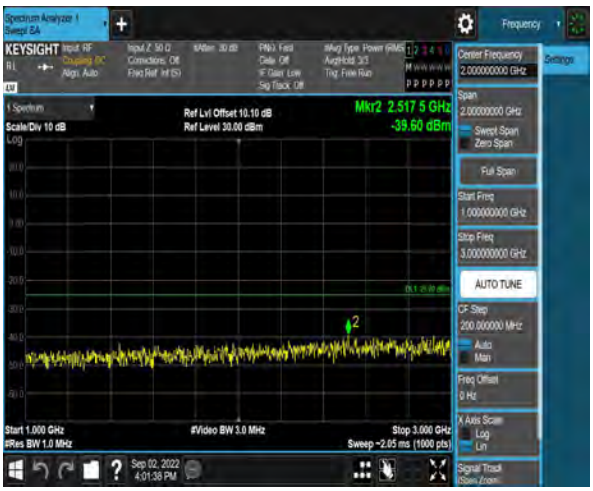


41-41-5MHz-20MHz-QPSK-QPSK-40528-40645-25RB#0-100RB#0-3000~26500MHz

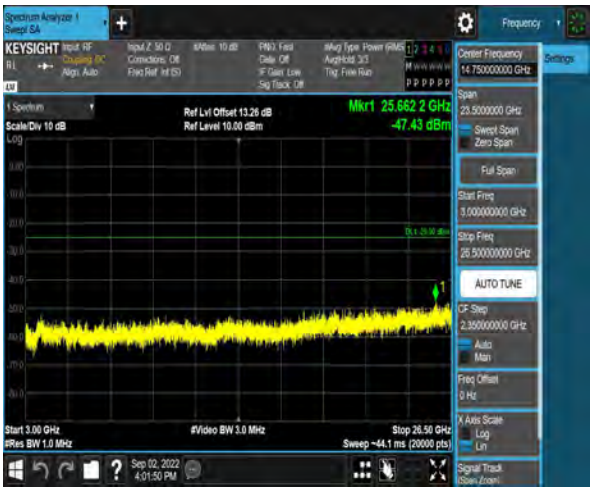


41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0-30~1000MHz

41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0-1000~3000MHz



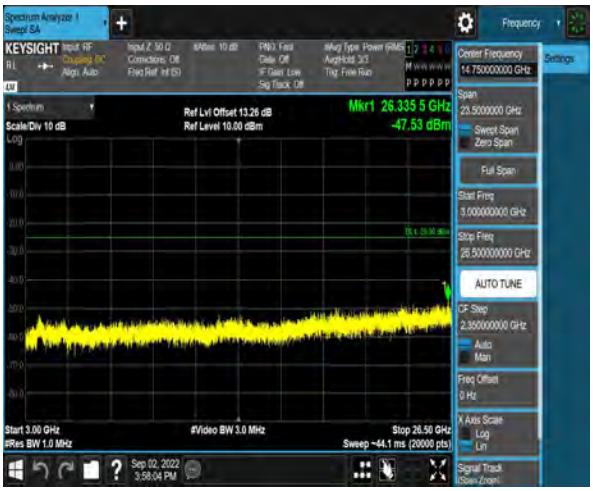
41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0-3000~26500MHz



41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0-30~1000MHz

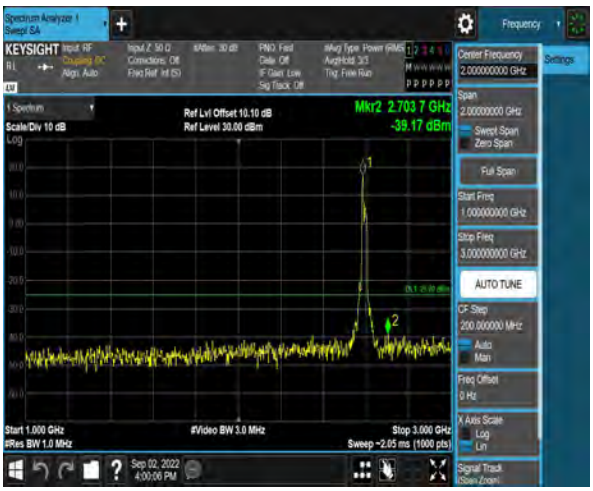
41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0-1000~3000MHz

41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0-3000~26500MHz



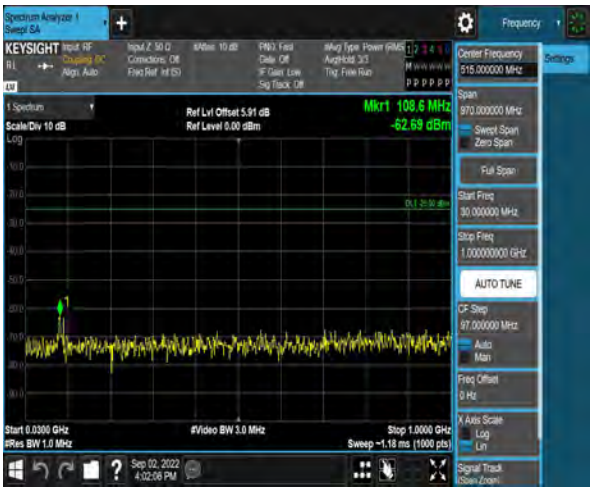
41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0-30~1000MHz

41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0-1000~3000MHz

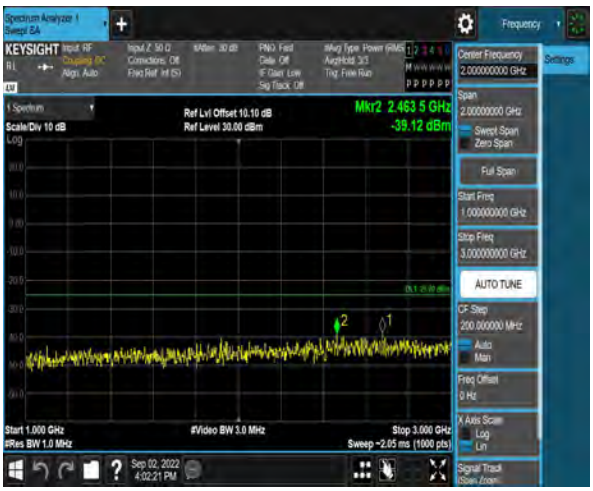


41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0-3000~26500MHz

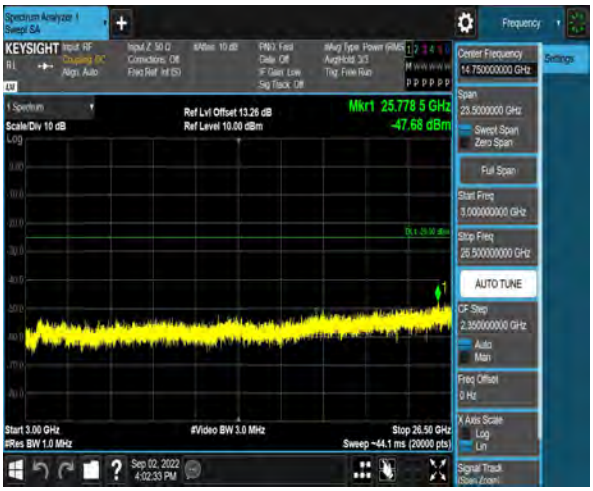
41-41-5MHz-20MHz-16QAM-16QAM-41373-41490-25RB#0-100RB#0-30~1000MHz



41-41-5MHz-20MHz-16QAM-16QAM-41373-41490-25RB#0-100RB#0-1000~3000MHz

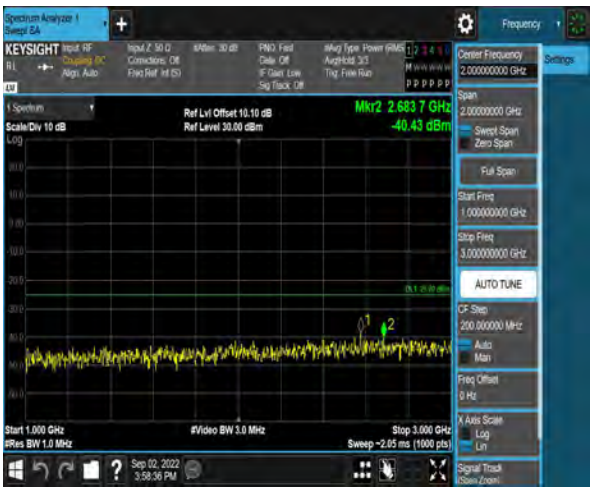


41-41-5MHz-20MHz-16QAM-16QAM-41373-41490-25RB#0-100RB#0-3000~26500MHz

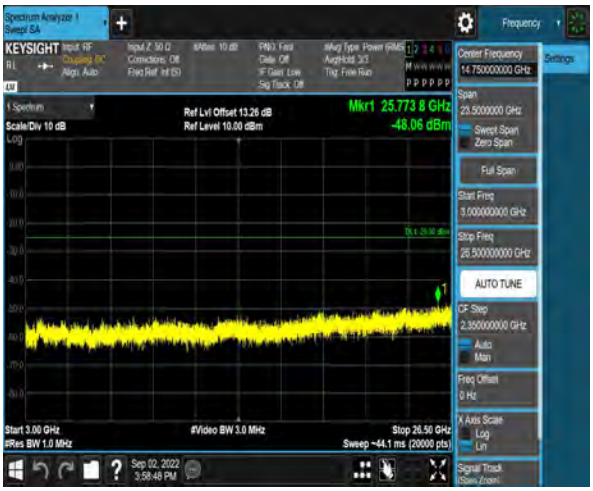


41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0-30~1000MHz

41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0-1000~3000MHz

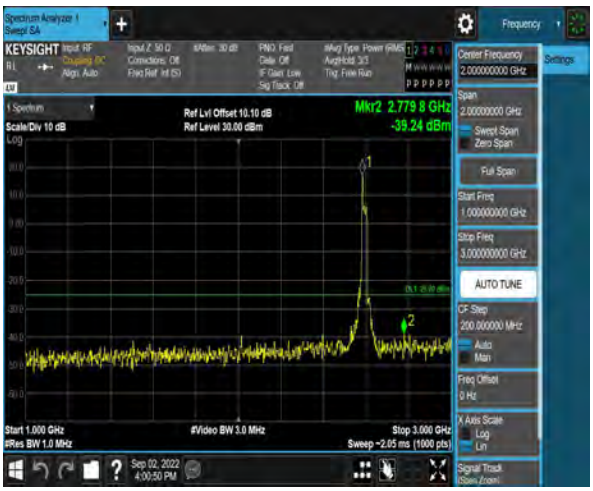


41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0-3000~26500MHz

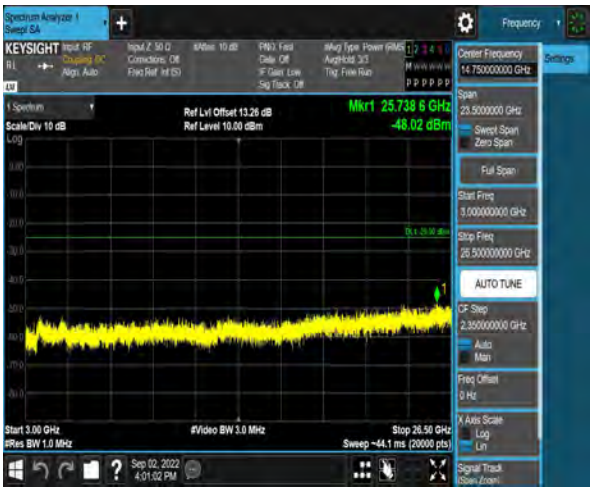


41-41-5MHz-20MHz-64QAM-64QAM-40528-40645-25RB#0-100RB#0-30~1000MHz

41-41-5MHz-20MHz-64QAM-64QAM-40528-40645-25RB#0-100RB#0-1000~3000MHz

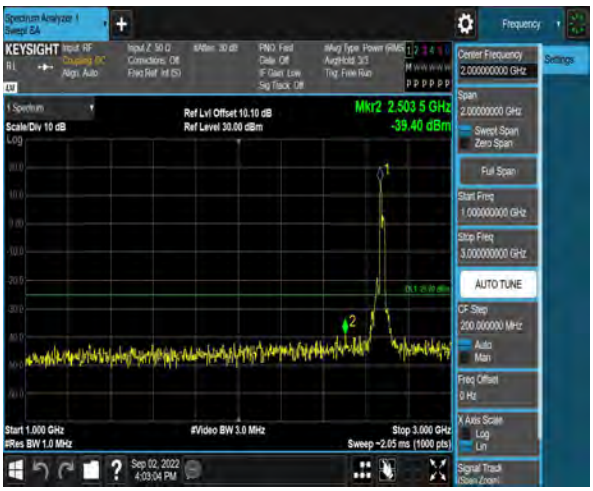


41-41-5MHz-20MHz-64QAM-64QAM-40528-40645-25RB#0-100RB#0-3000~26500MHz

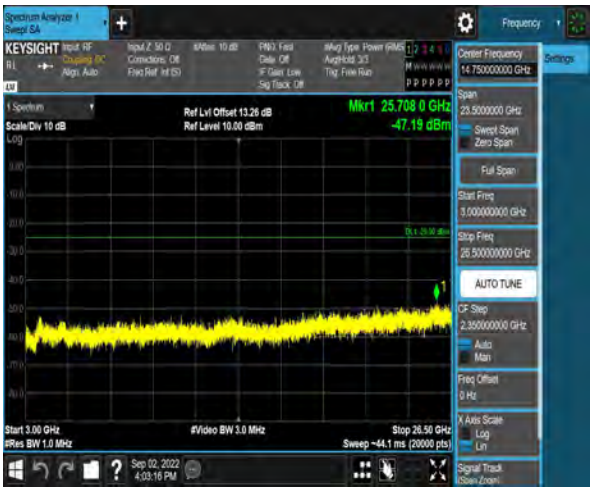


41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-30~1000MHz

41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-1000~3000MHz



41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-3000~26500MHz


Spectrum Analyzer 1
Swept SA
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
#Atten: 10 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg/Hold: 3/3
Trig: Free Run
Center Frequency
14.750000000 GHz
Settings
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 13.26 dB
Ref Level 10.00 dBm
Mkr1 25.708 0 GHz
-47.19 dBm
Span
23.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
3.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.350000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Start 3.00 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 26.50 GHz
Sweep ~44.1 ms (20000 pts)
Sep 02, 2022
4:03:16 PM

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	VN	NT	30.60	0.012234	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	VL	NT	30.28	0.012106	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	VH	NT	25.55	0.010215	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	VN	NT	40.70	0.015739	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	VL	NT	38.01	0.014699	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	VH	NT	44.42	0.017178	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	VH	NT	36.66	0.013728	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	VL	NT	34.19	0.012803	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	VN	NT	27.49	0.010294	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	VH	NT	44.72	0.017879	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	VN	NT	33.14	0.013249	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QA	39703-3982	50RB#0-75RB#0	VL	NT	41.80	0.016711	±2.5	PASS

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41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	VH	NT	41.79	0.016161	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	VN	NT	46.89	0.018133	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	VL	NT	45.93	0.017762	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	VH	NT	42.72	0.015997	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	VL	NT	40.66	0.015226	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	VN	NT	40.04	0.014993	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	VH	NT	48.18	0.019262	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	VL	NT	40.13	0.016044	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	VN	NT	43.73	0.017483	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	VN	NT	46.13	0.017839	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	VL	NT	46.35	0.017924	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	VH	NT	50.17	0.019401	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	VN	NT	46.81	0.017529	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	VL	NT	43.46	0.016274	±2.5	PASS

41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	VH	NT	43.76	0.016386	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	VN	NT	25.71	0.010278	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	VL	NT	28.92	0.011561	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	VH	NT	31.39	0.012548	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	VN	NT	46.79	0.018110	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	VH	NT	54.79	0.021207	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	VL	NT	47.74	0.018478	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	VN	NT	27.55	0.010335	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	VL	NT	32.59	0.012226	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	VH	NT	30.60	0.011480	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	VN	NT	42.80	0.017110	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	VL	NT	48.79	0.019504	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	VH	NT	46.33	0.018521	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	VN	NT	59.01	0.022840	±2.5	PASS
41-41	10MHz-	16QAM	40526	50RB#0-	VL	NT	60.95	0.023591	±2.5	PASS

	20MHz	-16QAM	-40670	100RB#0						
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	VH	NT	62.77	0.024296	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	VN	NT	33.06	0.012402	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	VH	NT	43.14	0.016184	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	VL	NT	41.18	0.015449	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	VH	NT	50.38	0.020140	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	VN	NT	47.59	0.019025	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	VL	NT	35.23	0.014084	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	VH	NT	59.51	0.023034	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	VL	NT	58.41	0.022608	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	VN	NT	63.83	0.024706	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	VN	NT	49.61	0.018611	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	VL	NT	46.29	0.017366	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	VH	NT	44.89	0.016840	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-3984	75RB#0-50RB#0	VN	NT	24.22	0.009674	±2.5	PASS

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41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	VL	NT	30.26	0.012087	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	VH	NT	29.35	0.011724	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	VN	NT	28.71	0.011093	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	VL	NT	25.55	0.009872	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	VH	NT	26.59	0.010274	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	VH	NT	28.08	0.010506	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	VL	NT	25.69	0.009612	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	VN	NT	23.30	0.008718	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	VH	NT	33.00	0.013182	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	VL	NT	36.41	0.014544	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	VN	NT	38.71	0.015462	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	VN	NT	34.26	0.013238	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	VL	NT	32.33	0.012492	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	VH	NT	29.45	0.011379	±2.5	PASS

41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	VN	NT	38.45	0.014386	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	VL	NT	31.41	0.011752	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	VH	NT	29.91	0.011191	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	VH	NT	29.64	0.011839	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	VL	NT	21.07	0.008416	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	VN	NT	31.49	0.012578	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	VH	NT	24.81	0.009586	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	VN	NT	33.92	0.013106	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	VL	NT	28.64	0.011066	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	VN	NT	34.43	0.012882	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	VL	NT	35.49	0.013279	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	VH	NT	25.45	0.009522	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	VN	NT	30.67	0.012251	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	VL	NT	32.82	0.013110	±2.5	PASS
41-41	15MHz-	QPSK-	39725	75RB#0-	VH	NT	29.67	0.011851	±2.5	PASS

	15MHz	QPSK	-39875	75RB#0						
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	VN	NT	41.74	0.016144	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	VL	NT	38.45	0.014871	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	VH	NT	29.83	0.011537	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	VH	NT	23.59	0.008843	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	VN	NT	25.62	0.009604	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	VL	NT	22.32	0.008367	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	VN	NT	41.21	0.016461	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	VL	NT	33.32	0.013309	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	VH	NT	38.42	0.015347	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	VH	NT	39.32	0.015208	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	VL	NT	34.13	0.013201	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	VN	NT	47.41	0.018337	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	VN	NT	26.29	0.009856	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QA	41365-4151	75RB#0-75RB#0	VL	NT	32.44	0.012161	±2.5	PASS

		M	5							
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	VH	NT	33.35	0.012502	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	VN	NT	39.35	0.015718	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	VL	NT	33.96	0.013565	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	VH	NT	39.77	0.015886	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	VN	NT	44.36	0.017157	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	VL	NT	45.08	0.017436	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	VH	NT	41.53	0.016063	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	VN	NT	28.20	0.010572	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	VL	NT	33.16	0.012431	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	VH	NT	29.13	0.010920	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	VN	NT	22.89	0.009142	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	VH	NT	28.01	0.011187	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	VL	NT	20.26	0.008092	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	VN	NT	21.10	0.008168	±2.5	PASS

41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	VL	NT	25.45	0.009852	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	VH	NT	25.41	0.009836	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	VN	NT	39.70	0.014909	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	VH	NT	43.42	0.016306	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	VL	NT	34.95	0.013125	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	VH	NT	37.82	0.015105	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	VL	NT	39.71	0.015860	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	VN	NT	38.87	0.015524	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	VN	NT	38.07	0.014737	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	VL	NT	37.81	0.014636	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	VH	NT	41.06	0.015894	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	VN	NT	41.40	0.015547	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	VL	NT	44.69	0.016782	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	VH	NT	47.99	0.018022	±2.5	PASS
41-41	15MHz-	64QAM	39728	75RB#0-	VH	NT	44.63	0.017825	±2.5	PASS

	20MHz	-64QAM	-39899	100RB#0						
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	VN	NT	42.93	0.017146	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	VL	NT	33.82	0.013507	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	VL	NT	39.93	0.015457	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	VH	NT	33.79	0.013080	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	VN	NT	47.45	0.018368	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	VL	NT	47.82	0.017958	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	VH	NT	51.30	0.019265	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	VN	NT	46.58	0.017492	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	VN	NT	22.04	0.008795	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	VL	NT	27.31	0.010898	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	VH	NT	28.62	0.011421	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	VH	NT	26.19	0.010129	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	VL	NT	28.75	0.011119	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-4071	100RB#0-75RB#0	VN	NT	30.41	0.011761	±2.5	PASS

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41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	VN	NT	18.77	0.007043	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	VL	NT	29.70	0.011144	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	VH	NT	18.78	0.007047	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	VL	NT	32.11	0.012813	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	VN	NT	27.44	0.010950	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	VH	NT	19.94	0.007957	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	VH	NT	22.83	0.008830	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	VL	NT	35.32	0.013660	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	VN	NT	34.35	0.013285	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	VN	NT	35.18	0.013200	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	VL	NT	34.32	0.012878	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	VH	NT	31.71	0.011898	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	VH	NT	24.65	0.009836	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	VN	NT	24.65	0.009836	±2.5	PASS

41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	VL	NT	26.09	0.010411	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	VH	NT	24.35	0.009418	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	VL	NT	27.35	0.010578	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	VN	NT	34.29	0.013262	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	VH	NT	34.32	0.012878	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	VL	NT	35.92	0.013478	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	VN	NT	38.77	0.014547	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VH	NT	57.11	0.022789	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VL	NT	53.59	0.021385	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VN	NT	54.36	0.021692	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	39.50	0.015292	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	41.86	0.016205	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	38.45	0.014885	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	VH	NT	41.08	0.015442	±2.5	PASS
41-41	20MHz-	QPSK-	41292	100RB#0	VL	NT	37.62	0.014142	±2.5	PASS

	20MHz	QPSK	-4149 0	-100RB# 0						
41-41	20MHz- 20MHz	QPSK- QPSK	41292 -4149 0	100RB#0 -100RB# 0	VN	NT	36.65	0.013777	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	VL	NT	51.88	0.020702	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	VN	NT	60.35	0.024082	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	VH	NT	59.41	0.023707	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	VH	NT	56.63	0.021923	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	VL	NT	57.78	0.022368	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	VN	NT	53.33	0.020646	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	41292 -4149 0	100RB#0 -100RB# 0	VH	NT	55.46	0.020848	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	41292 -4149 0	100RB#0 -100RB# 0	VL	NT	50.91	0.019138	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	41292 -4149 0	100RB#0 -100RB# 0	VN	NT	55.35	0.020807	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA M	39750 -3994 8	100RB#0 -100RB# 0	VH	NT	51.96	0.020734	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA M	39750 -3994 8	100RB#0 -100RB# 0	VL	NT	64.63	0.025790	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA M	39750 -3994 8	100RB#0 -100RB# 0	VN	NT	60.85	0.024282	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA	40521 -4071	100RB#0 -100RB#	VH	NT	64.16	0.024838	±2.5	PASS

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41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	VN	NT	58.22	0.022539	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	VL	NT	48.72	0.018861	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	VN	NT	48.97	0.018408	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	VL	NT	57.23	0.021513	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	VH	NT	65.72	0.024705	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	VH	NT	18.15	0.007243	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	VN	NT	18.07	0.007211	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	VL	NT	18.27	0.007291	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	VL	NT	15.64	0.006037	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	VN	NT	14.91	0.005756	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	VH	NT	15.55	0.006003	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	VL	NT	6.98	0.002609	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	VN	NT	8.73	0.003264	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	VH	NT	9.01	0.003368	±2.5	PASS

41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	VL	NT	16.94	0.006760	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	VH	NT	22.42	0.008947	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	VN	NT	21.94	0.008755	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	VH	NT	11.23	0.004335	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	VL	NT	19.35	0.007470	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	VN	NT	17.51	0.006759	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	VL	NT	-7.44	-0.002781	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	VH	NT	10.34	0.003865	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	VN	NT	11.63	0.004348	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	VN	NT	18.70	0.007462	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	VL	NT	23.80	0.009497	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	VH	NT	15.44	0.006161	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	VH	NT	17.18	0.006632	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	VL	NT	11.80	0.004555	±2.5	PASS
41-41	20MHz-	64QAM	40595	100RB#0	VN	NT	14.85	0.005732	±2.5	PASS

	5MHz	-64QAM	-40712	-25RB#0						
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	VN	NT	15.41	0.005761	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	VL	NT	-6.22	-0.002325	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	VH	NT	11.57	0.004325	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	VN	NT	61.24	0.024503	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	VL	NT	60.37	0.024155	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	VH	NT	61.18	0.024479	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	VN	NT	47.22	0.018275	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	VL	NT	59.04	0.022850	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	VH	NT	49.90	0.019313	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	VL	NT	66.43	0.024896	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	VN	NT	60.45	0.022655	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	VH	NT	63.99	0.023982	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	VL	NT	55.22	0.022094	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QA	39683-3980	25RB#0-100RB#0	VH	NT	64.37	0.025755	±2.5	PASS

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41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	VN	NT	62.13	0.024859	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	VH	NT	53.06	0.020536	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	VL	NT	59.18	0.022904	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	VN	NT	53.76	0.020807	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	VN	NT	66.03	0.024746	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	VL	NT	67.39	0.025256	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	VH	NT	62.27	0.023337	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	VN	NT	56.98	0.022798	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	VH	NT	54.27	0.021714	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	VL	NT	60.70	0.024287	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	VL	NT	47.08	0.018221	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	VH	NT	45.89	0.017761	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	VN	NT	52.96	0.020497	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	VH	NT	64.17	0.024049	±2.5	PASS

41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	VN	NT	62.91	0.023577	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	VL	NT	53.10	0.019900	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-50	36.09	0.014428	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-30	35.76	0.014297	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-20	40.54	0.016208	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-10	38.77	0.015500	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	0	40.87	0.016340	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	10	37.92	0.015160	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	20	42.64	0.017047	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	30	42.10	0.016831	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-20	42.30	0.016358	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	30	38.34	0.014827	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	20	47.68	0.018438	±2.5	PASS

41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	10	46.46	0.017967	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-10	46.09	0.017824	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-30	40.68	0.015731	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-50	38.82	0.015012	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	0	42.66	0.016497	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	20	37.72	0.014125	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	10	37.77	0.014143	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	0	33.62	0.012589	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-10	32.39	0.012129	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-20	43.85	0.016420	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-30	37.14	0.013908	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-50	37.45	0.014024	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	30	43.69	0.016360	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	10	44.45	0.017771	±2.5	PASS
41-41	10MHz-	16QAM	39703	50RB#0-	NV	-50	39.93	0.015964	±2.5	PASS

	15MHz	-16QAM	-39823	75RB#0						
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-30	44.72	0.017879	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-20	45.82	0.018318	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-10	44.63	0.017843	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	20	47.18	0.018862	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	0	47.06	0.018814	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	30	43.72	0.017479	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	20	41.96	0.016226	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	-20	41.03	0.015867	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	10	49.37	0.019092	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	30	50.91	0.019688	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	-30	45.99	0.017785	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	-50	41.58	0.016080	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	0	49.41	0.019107	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QA	40549-4066	50RB#0-75RB#0	NV	-10	46.65	0.018040	±2.5	PASS

		M	9							
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-10	47.26	0.017697	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-50	46.88	0.017555	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-20	43.57	0.016315	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	0	38.34	0.014357	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	10	39.74	0.014881	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	20	38.31	0.014346	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	30	41.31	0.015469	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-30	39.54	0.014806	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	30	43.87	0.017539	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	20	53.37	0.021337	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	10	48.41	0.019354	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	0	43.69	0.017467	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-10	46.82	0.018718	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-20	42.03	0.016803	±2.5	PASS

41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-30	44.43	0.017763	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-50	50.74	0.020285	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	10	36.82	0.014239	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	20	45.99	0.017785	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	0	38.29	0.014807	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-10	42.56	0.016458	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-20	35.65	0.013786	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-30	51.03	0.019734	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-50	41.83	0.016176	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	30	43.64	0.016876	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-50	40.74	0.015256	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	30	39.97	0.014967	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	20	43.80	0.016401	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	10	54.33	0.020345	±2.5	PASS
41-41	10MHz-	64QAM	41395	50RB#0-	NV	0	50.28	0.018828	±2.5	PASS

	15MHz	-64QAM	-41515	75RB#0						
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-10	47.35	0.017731	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-30	52.51	0.019663	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-20	50.98	0.019090	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-20	41.63	0.016642	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	30	45.95	0.018369	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	20	47.15	0.018849	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	10	41.89	0.016746	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-30	35.83	0.014323	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-50	30.96	0.012377	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-10	40.17	0.016058	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	0	44.72	0.017877	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	-50	54.82	0.021218	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	-30	50.47	0.019535	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-4067	50RB#0-100RB#0	NV	-20	55.80	0.021598	±2.5	PASS

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41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	-10	58.39	0.022600	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	0	59.54	0.023045	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	10	60.98	0.023603	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	30	58.74	0.022736	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	20	58.82	0.022767	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	-20	39.88	0.014961	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	-30	37.01	0.013884	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	-10	40.78	0.015299	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	0	33.89	0.012714	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	20	42.97	0.016120	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	10	42.72	0.016026	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	-50	32.53	0.012204	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	NV	30	44.76	0.016792	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-50	43.27	0.017298	±2.5	PASS

41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-30	43.27	0.017298	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-20	44.72	0.017877	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-10	42.47	0.016978	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	0	49.30	0.019708	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	10	47.98	0.019180	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	20	52.70	0.021067	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	30	58.22	0.023274	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	10	60.84	0.023549	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	20	54.49	0.021091	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	0	58.38	0.022596	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-10	61.27	0.023715	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-20	50.02	0.019361	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-30	61.67	0.023870	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-50	62.58	0.024222	±2.5	PASS
41-41	10MHz-	16QAM	40526	50RB#0-	NV	30	57.66	0.022318	±2.5	PASS

	20MHz	-16QAM	-40670	100RB#0						
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-30	46.38	0.017399	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-50	41.96	0.015741	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	20	50.70	0.019020	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	10	40.41	0.015160	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	0	38.22	0.014338	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-20	44.40	0.016657	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	30	37.52	0.014076	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-10	48.71	0.018274	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-30	52.08	0.020820	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-20	49.20	0.019668	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-10	45.56	0.018213	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	0	45.15	0.018049	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	10	47.18	0.018861	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QA	39705-3984	50RB#0-100RB#0	NV	20	51.14	0.020444	±2.5	PASS

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41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	30	44.56	0.017813	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-50	41.76	0.016694	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	10	65.25	0.025255	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	20	62.28	0.024106	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-50	52.03	0.020139	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-30	61.76	0.023905	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-20	52.53	0.020332	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	0	51.67	0.019999	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	30	62.94	0.024361	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-10	60.48	0.023409	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	20	50.11	0.018799	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-30	39.18	0.014698	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	30	37.79	0.014177	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	10	37.64	0.014121	±2.5	PASS

41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	0	44.90	0.016844	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-50	45.88	0.017212	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-10	53.13	0.019932	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-20	43.36	0.016267	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	0	27.98	0.011176	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	30	36.11	0.014424	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	10	36.16	0.014444	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-10	32.53	0.012994	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-20	31.36	0.012526	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-30	30.44	0.012159	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-50	31.87	0.012730	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	20	37.82	0.015107	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	-50	29.84	0.011530	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	20	32.09	0.012399	±2.5	PASS
41-41	15MHz-	QPSK-	40571	75RB#0-	NV	10	28.42	0.010981	±2.5	PASS

	10MHz	QPSK	-4069 1	50RB#0						
41-41	15MHz- 10MHz	QPSK- QPSK	40571 -4069 1	75RB#0- 50RB#0	NV	0	35.25	0.013620	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	40571 -4069 1	75RB#0- 50RB#0	NV	-10	26.15	0.010104	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	40571 -4069 1	75RB#0- 50RB#0	NV	-20	35.06	0.013547	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	40571 -4069 1	75RB#0- 50RB#0	NV	-30	32.59	0.012592	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	40571 -4069 1	75RB#0- 50RB#0	NV	30	32.00	0.012364	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	30	36.26	0.013567	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	-30	37.85	0.014162	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	-20	29.25	0.010944	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	-10	26.19	0.009799	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	0	30.24	0.011314	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	10	32.74	0.012250	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	-50	30.27	0.011326	±2.5	PASS
41-41	15MHz- 10MHz	QPSK- QPSK	41417 -4153 7	75RB#0- 50RB#0	NV	20	28.75	0.010757	±2.5	PASS
41-41	15MHz- 10MHz	16QAM -16QA	39725 -3984	75RB#0- 50RB#0	NV	10	33.72	0.013469	±2.5	PASS

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41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	0	25.49	0.010182	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-10	38.02	0.015187	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-20	28.55	0.011404	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-30	34.73	0.013873	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	30	27.77	0.011092	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	20	27.54	0.011001	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-50	33.40	0.013341	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-30	34.82	0.013454	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	30	32.67	0.012623	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	20	31.53	0.012183	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	10	34.90	0.013485	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	0	32.14	0.012418	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-20	32.76	0.012658	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-50	25.13	0.009710	±2.5	PASS

41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-10	29.37	0.011348	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-50	25.65	0.009597	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-20	34.22	0.012804	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-10	33.66	0.012594	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	0	36.31	0.013586	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-30	33.20	0.012422	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	20	29.90	0.011187	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	10	27.05	0.010121	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	30	31.04	0.011614	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	0	39.60	0.015818	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-50	22.20	0.008868	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-30	31.03	0.012395	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-10	34.20	0.013661	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	10	29.07	0.011612	±2.5	PASS
41-41	15MHz-	64QAM	39725	75RB#0-	NV	20	31.30	0.012502	±2.5	PASS

	10MHz	-64QAM	-39845	50RB#0						
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	30	38.84	0.015514	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-20	34.59	0.013817	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	30	29.18	0.011275	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	20	31.67	0.012237	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-30	30.01	0.011595	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-20	33.83	0.013071	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-10	22.70	0.008771	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	0	29.97	0.011580	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	10	22.65	0.008752	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-50	26.64	0.010293	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	30	30.48	0.011404	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	20	32.99	0.012343	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	10	28.57	0.010690	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QA	41417-4153	75RB#0-50RB#0	NV	0	27.29	0.010211	±2.5	PASS

		M	7							
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-10	32.44	0.012138	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-20	37.04	0.013859	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-50	28.95	0.010832	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-30	30.20	0.011299	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-10	35.82	0.014308	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	10	34.78	0.013893	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	20	35.95	0.014360	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	0	34.40	0.013741	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-30	32.47	0.012970	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-50	33.92	0.013549	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	30	38.75	0.015478	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-20	37.32	0.014907	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-10	40.28	0.015579	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	30	42.86	0.016577	±2.5	PASS

41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	20	46.55	0.018004	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	0	39.31	0.015204	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-20	39.93	0.015444	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-30	37.16	0.014372	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-50	38.35	0.014833	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	10	43.20	0.016709	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	20	39.24	0.014710	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-50	29.68	0.011127	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-20	27.22	0.010204	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-10	26.95	0.010103	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	0	34.86	0.013068	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-30	27.69	0.010381	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	30	32.50	0.012184	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	10	35.79	0.013417	±2.5	PASS
41-41	15MHz-	16QAM	39725	75RB#0-	NV	-50	32.62	0.013030	±2.5	PASS

	15MHz	-16QAM	-39875	75RB#0						
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-30	41.70	0.016657	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	20	38.61	0.015422	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-20	38.75	0.015478	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-10	37.16	0.014843	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	0	37.75	0.015079	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	10	39.61	0.015822	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	30	34.13	0.013633	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-30	34.28	0.013259	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	30	42.07	0.016272	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	20	43.12	0.016678	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-10	41.84	0.016183	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-50	47.28	0.018287	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	0	43.03	0.016643	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QA	40545-4069	75RB#0-75RB#0	NV	10	45.40	0.017559	±2.5	PASS

		M	5							
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-20	46.35	0.017927	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-10	35.89	0.013455	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	30	32.22	0.012079	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	20	28.28	0.010602	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	10	35.76	0.013406	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	0	24.43	0.009158	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-50	27.37	0.010261	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-30	26.56	0.009957	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-20	27.38	0.010264	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	30	42.30	0.016896	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	10	30.36	0.012127	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	0	42.13	0.016828	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-10	41.34	0.016513	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-30	30.27	0.012091	±2.5	PASS

41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-50	37.41	0.014943	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	20	33.79	0.013497	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-20	39.32	0.015706	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	10	36.19	0.013997	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	30	40.77	0.015769	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	20	49.91	0.019304	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-50	41.50	0.016051	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	0	38.71	0.014972	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-10	45.73	0.017687	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-20	29.90	0.011564	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-30	33.97	0.013139	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	30	37.78	0.014163	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-30	36.98	0.013863	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-20	30.53	0.011445	±2.5	PASS
41-41	15MHz-	64QAM	41365	75RB#0-	NV	-10	23.95	0.008978	±2.5	PASS

	15MHz	-64QAM	-41515	75RB#0						
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	0	35.41	0.013275	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	10	31.01	0.011625	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	20	39.12	0.014665	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-50	34.76	0.013031	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	10	41.60	0.016615	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-30	30.08	0.012014	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-20	33.85	0.013519	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	0	34.39	0.013735	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	20	41.83	0.016707	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	30	43.34	0.017310	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-10	37.61	0.015021	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-50	27.22	0.010871	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	20	41.64	0.016119	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-4069	75RB#0-100RB#0	NV	-30	29.17	0.011292	±2.5	PASS

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41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	-50	29.08	0.011257	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	-10	36.31	0.014056	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	-20	31.71	0.012275	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	10	35.89	0.013893	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	30	38.11	0.014752	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	0	32.06	0.012410	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	0	48.55	0.018232	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	10	46.61	0.017503	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	-10	48.57	0.018240	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	-20	46.78	0.017567	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	-30	39.28	0.014751	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	-50	46.82	0.017582	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	30	47.59	0.017871	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	NV	20	49.40	0.018551	±2.5	PASS

41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	30	37.58	0.015009	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	20	31.41	0.012545	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	0	42.76	0.017078	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-10	38.81	0.015500	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-20	43.95	0.017553	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-30	37.48	0.014969	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-50	32.16	0.012844	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	10	38.84	0.015512	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-20	37.06	0.014346	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-30	44.83	0.017354	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	20	42.54	0.016467	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	10	41.00	0.015871	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	0	38.09	0.014745	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-10	38.87	0.015047	±2.5	PASS
41-41	15MHz-	16QAM	40523	75RB#0-	NV	30	40.77	0.015782	±2.5	PASS

	20MHz	-16QAM	-40694	100RB#0						
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-50	41.66	0.016127	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-30	50.30	0.018889	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-20	52.19	0.019599	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-10	50.55	0.018983	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	0	50.75	0.019058	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	10	45.95	0.017256	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	20	38.92	0.014616	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	30	34.45	0.012937	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-50	44.47	0.016700	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-10	34.88	0.013931	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	20	49.37	0.019718	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	10	39.48	0.015768	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	0	46.19	0.018448	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QA	39728-3989	75RB#0-100RB#0	NV	30	37.59	0.015013	±2.5	PASS

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41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-30	34.90	0.013939	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-50	43.96	0.017557	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-20	45.16	0.018037	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-30	41.51	0.016069	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-20	36.76	0.014230	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-10	44.76	0.017327	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-50	34.89	0.013506	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	10	44.25	0.017129	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	20	33.69	0.013041	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	30	37.91	0.014675	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	0	40.18	0.015554	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-20	46.49	0.017458	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	10	50.28	0.018882	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	30	36.84	0.013835	±2.5	PASS

41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	20	51.08	0.019182	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-10	41.00	0.015397	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	0	40.41	0.015175	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-30	38.19	0.014342	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-50	51.86	0.019475	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	20	33.63	0.013420	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-20	29.95	0.011951	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-30	30.70	0.012251	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	30	31.36	0.012514	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-10	23.88	0.009529	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	10	34.16	0.013631	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-50	25.18	0.010048	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	0	31.39	0.012526	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	-10	33.87	0.013099	±2.5	PASS
41-41	20MHz-	QPSK-	40546	100RB#0	NV	0	40.14	0.015524	±2.5	PASS

	15MHz	QPSK	-4071 7	-75RB#0						
41-41	20MHz- 15MHz	QPSK- QPSK	40546 -4071 7	100RB#0 -75RB#0	NV	10	35.08	0.013567	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	40546 -4071 7	100RB#0 -75RB#0	NV	20	39.05	0.015103	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	40546 -4071 7	100RB#0 -75RB#0	NV	30	37.87	0.014647	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	40546 -4071 7	100RB#0 -75RB#0	NV	-30	35.19	0.013610	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	40546 -4071 7	100RB#0 -75RB#0	NV	-50	28.32	0.010953	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	40546 -4071 7	100RB#0 -75RB#0	NV	-20	36.41	0.014082	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	-30	32.10	0.012045	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	-10	36.94	0.013861	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	30	35.85	0.013452	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	20	36.54	0.013711	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	0	32.53	0.012206	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	-20	30.58	0.011474	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151 2	100RB#0 -75RB#0	NV	-50	30.07	0.011283	±2.5	PASS
41-41	20MHz- 15MHz	QPSK- QPSK	41341 -4151	100RB#0 -75RB#0	NV	10	31.37	0.011771	±2.5	PASS

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41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	-20	31.90	0.012729	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	-10	31.80	0.012690	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	-30	33.02	0.013176	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	10	30.54	0.012187	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	0	20.21	0.008065	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	30	30.61	0.012215	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	20	20.97	0.008368	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	NV	-50	26.19	0.010451	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	10	37.15	0.014368	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	-50	34.85	0.013478	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	-30	28.64	0.011077	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	-20	35.52	0.013738	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	0	29.33	0.011344	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	20	29.03	0.011228	±2.5	PASS

41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	30	34.70	0.013420	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	-10	33.35	0.012898	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	0	35.45	0.013302	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-50	37.15	0.013939	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-30	31.40	0.011782	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-10	28.15	0.010562	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	10	32.40	0.012157	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	20	35.69	0.013392	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	30	38.11	0.014300	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-20	32.76	0.012292	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-50	31.87	0.012717	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-20	25.03	0.009988	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	0	30.06	0.011995	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	10	28.18	0.011245	±2.5	PASS
41-41	20MHz-	64QAM	39750	100RB#0	NV	20	37.42	0.014932	±2.5	PASS

	15MHz	-64QAM	-39921	-75RB#0						
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	30	34.82	0.013895	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-30	33.47	0.013356	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-10	34.58	0.013799	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	20	35.88	0.013877	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-50	33.46	0.012941	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	30	37.14	0.014364	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	10	29.84	0.011541	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	0	27.49	0.010632	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-10	36.51	0.014121	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-20	24.35	0.009418	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-30	27.55	0.010655	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	30	42.63	0.015996	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	-30	30.93	0.011606	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QA	41341-4151	100RB#0-75RB#0	NV	-20	31.64	0.011872	±2.5	PASS

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41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	-10	38.57	0.014472	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	0	36.65	0.013752	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	10	32.09	0.012041	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	-50	38.67	0.014510	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	20	36.66	0.013756	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	20	65.36	0.026081	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-50	54.56	0.021772	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	30	65.98	0.026329	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	10	56.69	0.022622	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	0	60.51	0.024146	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-10	62.76	0.025044	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-20	55.65	0.022207	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-30	58.05	0.023164	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	48.88	0.018923	±2.5	PASS

41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	53.47	0.020700	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	52.08	0.020162	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	60.12	0.023274	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	61.41	0.023774	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	54.97	0.021281	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-50	42.30	0.016376	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	53.24	0.020611	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	10	54.39	0.020446	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-50	39.90	0.014999	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-30	48.07	0.018070	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-20	51.00	0.019171	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	0	51.47	0.019348	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	20	53.17	0.019987	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	30	54.72	0.020570	±2.5	PASS
41-41	20MHz-	QPSK-	41292	100RB#0	NV	-10	50.74	0.019074	±2.5	PASS

	20MHz	QPSK	-4149 0	-100RB# 0						
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	-10	60.52	0.024150	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	-30	55.00	0.021947	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	-20	59.34	0.023679	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	0	67.31	0.026860	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	-50	55.23	0.022039	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	10	58.29	0.023260	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	20	68.12	0.027183	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	NV	30	59.27	0.023651	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	NV	-50	59.51	0.023038	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	NV	30	58.58	0.022678	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	NV	-20	57.12	0.022113	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	NV	-10	55.83	0.021614	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	NV	0	58.98	0.022833	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA	40521 -4071	100RB#0 -100RB#	NV	10	60.42	0.023390	±2.5	PASS

		M	9	0						
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	-30	56.36	0.021819	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	20	48.41	0.018741	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	30	59.22	0.022261	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	20	54.30	0.020412	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	10	52.71	0.019814	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	0	59.32	0.022299	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-10	54.72	0.020570	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-20	59.28	0.022284	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-50	57.86	0.021750	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-30	55.83	0.020987	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	0	66.49	0.026532	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-50	62.66	0.025004	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-30	54.66	0.021812	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-10	67.12	0.026784	±2.5	PASS

41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	10	53.19	0.021225	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	20	62.60	0.024980	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	30	53.77	0.021457	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-20	69.01	0.027538	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-50	59.90	0.023189	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	30	54.37	0.021048	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	20	52.41	0.020290	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	10	56.59	0.021908	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	0	51.44	0.019914	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-20	60.17	0.023294	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-30	63.67	0.024649	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-10	61.31	0.023735	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-30	55.93	0.021025	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	20	59.72	0.022449	±2.5	PASS
41-41	20MHz-	64QAM	41292	100RB#0	NV	10	63.89	0.024017	±2.5	PASS

	20MHz	-64QAM	-41490	-100RB#0						
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	0	61.47	0.023107	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-20	48.98	0.018412	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-50	61.27	0.023032	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-10	58.75	0.022085	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	30	60.83	0.022867	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-30	17.38	0.006935	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	30	13.68	0.005459	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	20	23.13	0.009230	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	10	16.77	0.006692	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	0	18.68	0.007454	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-20	16.57	0.006612	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-50	14.08	0.005619	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-10	18.07	0.007211	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-4071	100RB#0-25RB#0	NV	10	14.69	0.005671	±2.5	PASS

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41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	30	13.79	0.005323	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	-50	12.17	0.004698	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	-30	19.33	0.007462	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	-20	16.31	0.006296	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	20	12.99	0.005014	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	-10	12.20	0.004710	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	NV	0	19.77	0.007632	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	-30	8.48	0.003170	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	30	7.28	0.002721	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	10	-12.80	-0.004785	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	-20	9.41	0.003518	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	20	-10.16	-0.003798	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	-10	11.16	0.004172	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	0	-15.12	-0.005652	±2.5	PASS

41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	-50	-13.76	-0.005144	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-10	21.39	0.008536	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-20	18.35	0.007322	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-30	21.92	0.008747	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-50	24.48	0.009769	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	30	15.72	0.006273	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	20	19.88	0.007933	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	10	26.72	0.010662	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	0	21.23	0.008472	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-10	17.38	0.006709	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	30	17.61	0.006798	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-50	15.21	0.005871	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-20	19.51	0.007531	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	0	6.17	0.002382	±2.5	PASS
41-41	20MHz-	16QAM	40595	100RB#0	NV	10	7.90	0.003050	±2.5	PASS

	5MHz	-16QAM	-40712	-25RB#0						
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	20	12.79	0.004937	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-30	9.57	0.003694	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-50	7.95	0.002972	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-30	7.20	0.002692	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	30	7.50	0.002804	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-20	-5.38	-0.002011	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	20	-11.54	-0.004314	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-10	9.44	0.003529	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	0	-7.14	-0.002669	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	10	11.29	0.004221	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	-10	20.31	0.008105	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	20	22.77	0.009086	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	0	24.73	0.009868	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QA	39750-3986	100RB#0-25RB#0	NV	-20	12.42	0.004956	±2.5	PASS

		M	7							
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	-30	25.36	0.010120	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	-50	23.35	0.009318	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	30	11.70	0.004669	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	10	21.97	0.008767	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	20	17.15	0.006620	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	30	20.66	0.007975	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	10	14.43	0.005570	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	0	15.92	0.006146	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-10	16.25	0.006273	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-20	15.59	0.006018	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-50	-7.17	-0.002768	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-30	11.63	0.004489	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-20	-8.63	-0.003226	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	10	10.53	0.003936	±2.5	PASS

41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	30	7.88	0.002946	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	20	-8.83	-0.003301	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-10	6.14	0.002295	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-30	-9.33	-0.003488	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	0	10.60	0.003963	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-50	11.03	0.004123	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	30	57.94	0.023182	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-50	59.08	0.023639	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-30	58.49	0.023403	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-20	52.63	0.021058	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-10	55.27	0.022114	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	0	63.51	0.025411	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	10	71.02	0.028416	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	20	52.34	0.020942	±2.5	PASS
41-41	5MHz-2	QPSK-	40528	25RB#0-	NV	-50	53.49	0.020702	±2.5	PASS

	0MHz	QPSK	-4064 5	100RB#0						
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	-30	51.48	0.019924	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	-20	53.66	0.020768	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	-10	60.08	0.023253	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	10	53.19	0.020586	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	20	42.63	0.016499	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	30	54.20	0.020977	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	40528 -4064 5	25RB#0- 100RB#0	NV	0	47.84	0.018515	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149 0	25RB#0- 100RB#0	NV	20	71.10	0.026646	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149 0	25RB#0- 100RB#0	NV	-50	71.68	0.026864	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149 0	25RB#0- 100RB#0	NV	-30	65.86	0.024682	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149 0	25RB#0- 100RB#0	NV	-20	63.24	0.023700	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149 0	25RB#0- 100RB#0	NV	10	68.54	0.025687	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149 0	25RB#0- 100RB#0	NV	30	60.18	0.022554	±2.5	PASS
41-41	5MHz-2 0MHz	QPSK- QPSK	41373 -4149	25RB#0- 100RB#0	NV	0	57.39	0.021508	±2.5	PASS

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41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	-10	68.22	0.025567	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	-30	66.38	0.026559	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	-50	56.81	0.022730	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	-20	62.51	0.025011	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	-10	59.90	0.023967	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	0	58.25	0.023307	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	10	57.48	0.022998	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	30	66.33	0.026539	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	NV	20	62.03	0.024819	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	30	53.13	0.020563	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	20	55.95	0.021654	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	10	40.57	0.015702	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	0	47.14	0.018244	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-10	53.96	0.020884	±2.5	PASS

41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-20	55.58	0.021511	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-30	44.13	0.017079	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-50	47.19	0.018264	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	0	62.01	0.023240	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-50	64.34	0.024113	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	30	69.68	0.026114	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	20	61.48	0.023041	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	10	68.85	0.025803	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-10	55.95	0.020968	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-30	65.63	0.024596	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-20	53.23	0.019949	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-50	64.79	0.025923	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-30	55.80	0.022326	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-20	62.37	0.024955	±2.5	PASS
41-41	5MHz-2	64QAM	39683	25RB#0-	NV	-10	57.33	0.022938	±2.5	PASS

	0MHz	-64QAM	-39800	100RB#0						
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	10	52.08	0.020838	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	20	52.50	0.021006	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	30	56.18	0.022478	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	0	62.97	0.025195	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-10	49.55	0.019177	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	30	48.94	0.018941	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-20	38.65	0.014959	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	0	42.23	0.016344	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	10	53.60	0.020745	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	20	41.14	0.015922	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-50	50.95	0.019719	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-30	51.71	0.020013	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	30	56.16	0.021047	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QA	41373-4149	25RB#0-100RB#0	NV	-50	60.04	0.022501	±2.5	PASS

		M	0							
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	-30	57.26	0.021459	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	-20	70.28	0.026339	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	-10	65.63	0.024596	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	0	66.32	0.024855	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	10	68.25	0.025578	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	20	74.60	0.027958	±2.5	PASS