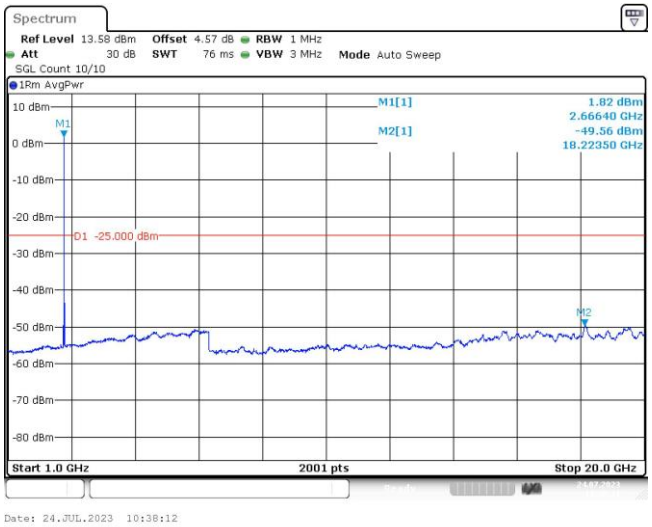
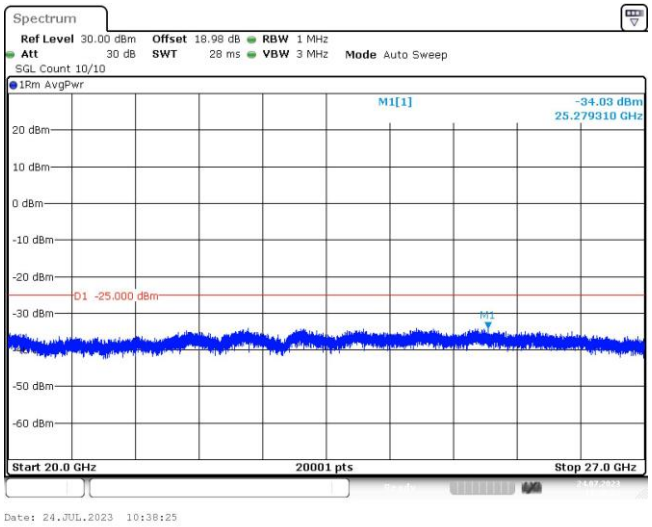
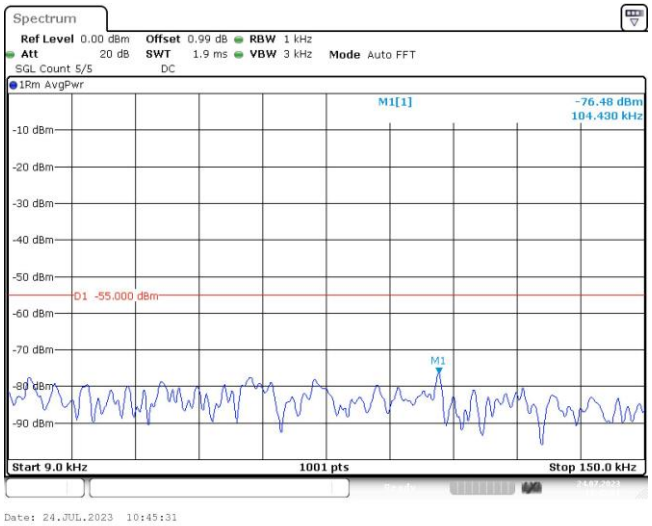


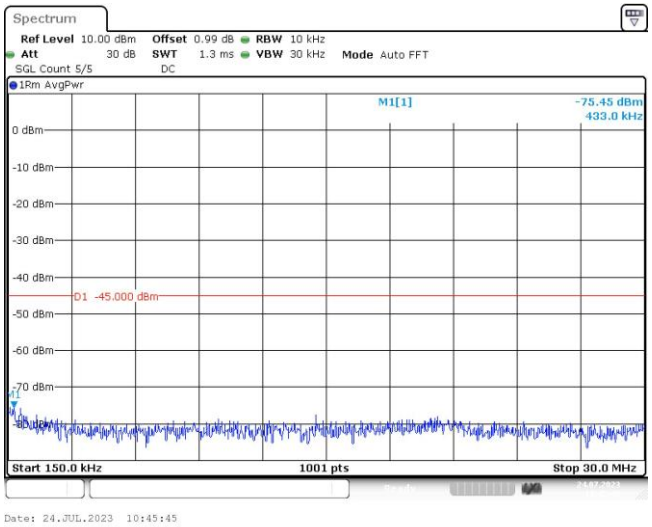
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#0-0RB#0-20000~27000MHz



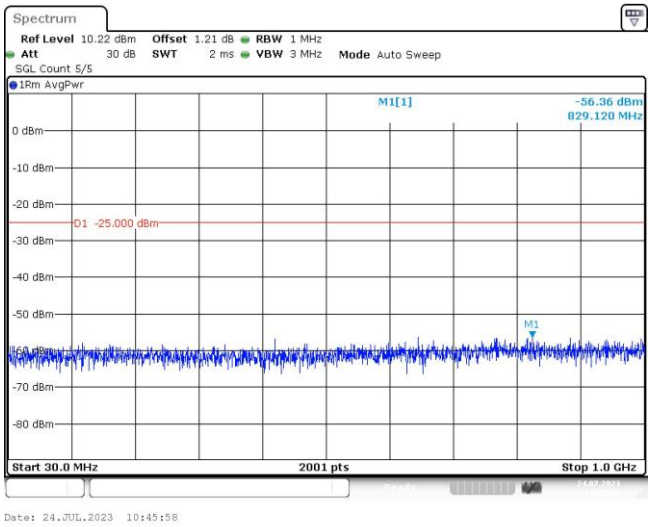
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#0-1RB#99-0.009~0.15MHz



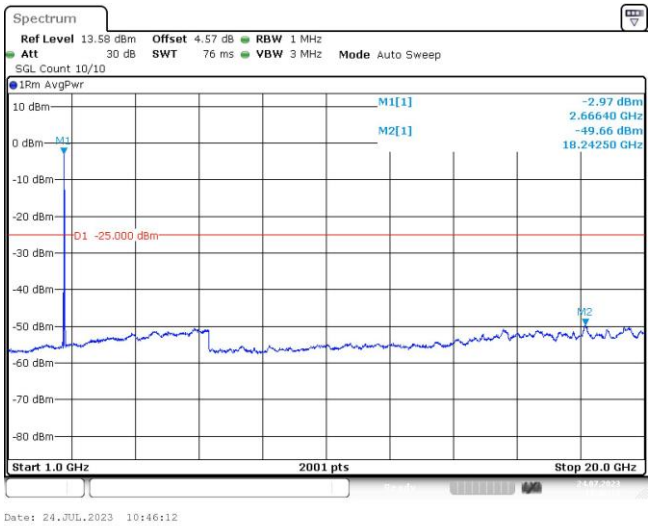
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#0-1RB#99-0.15~30MHz



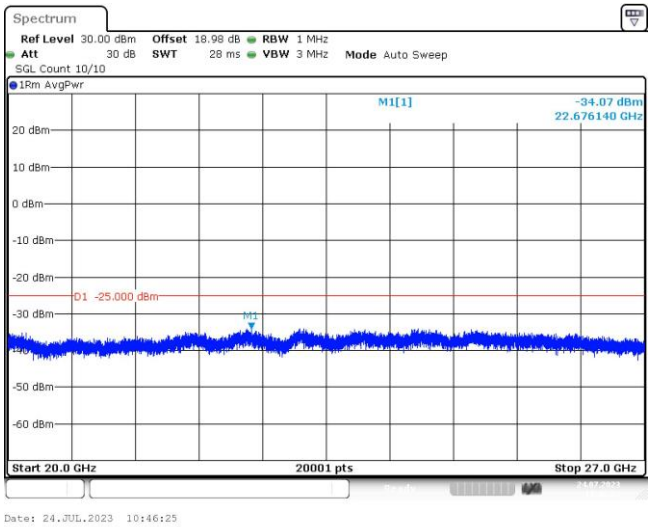
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#0-1RB#99-30~1000MHz



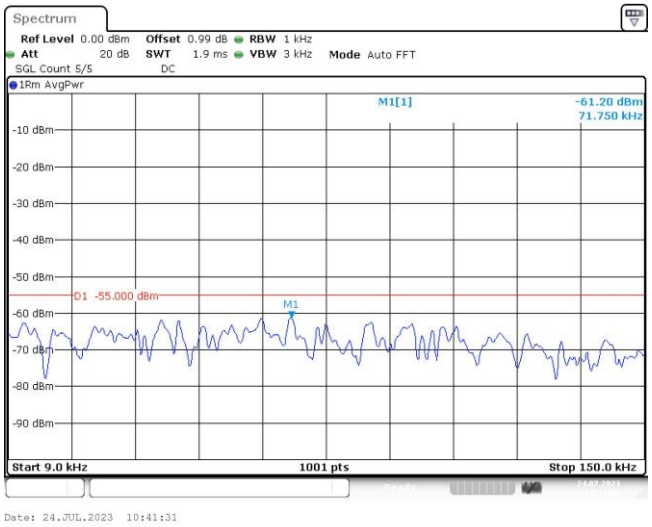
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#0-1RB#99-1000~20000MHz



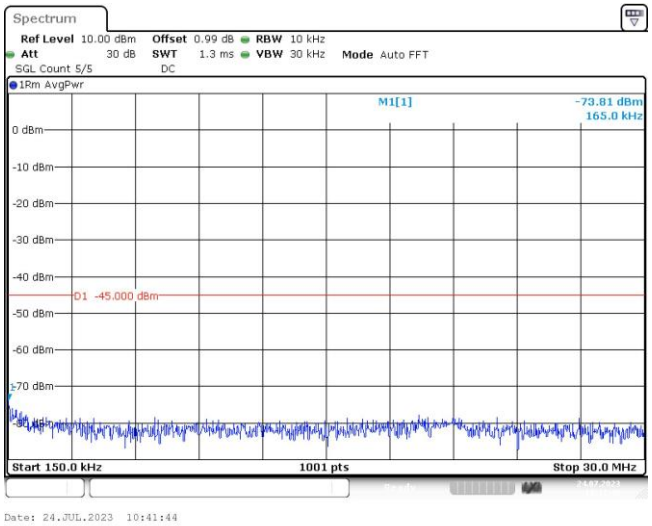
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#0-1RB#99-20000~27000MHz



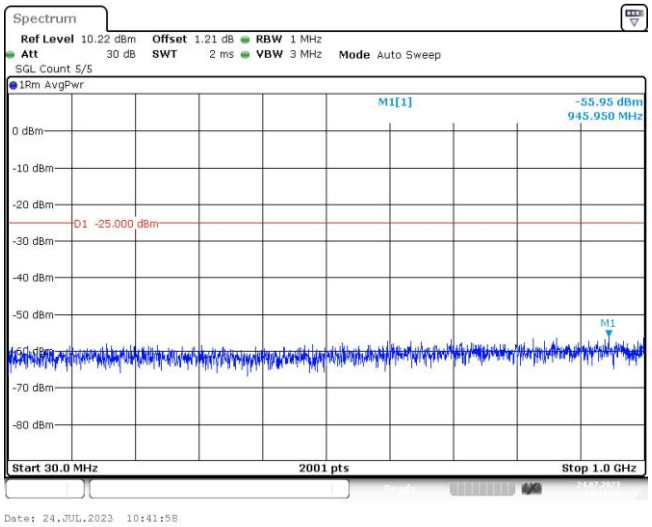
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#24-0RB#0-0.009~0.15MHz



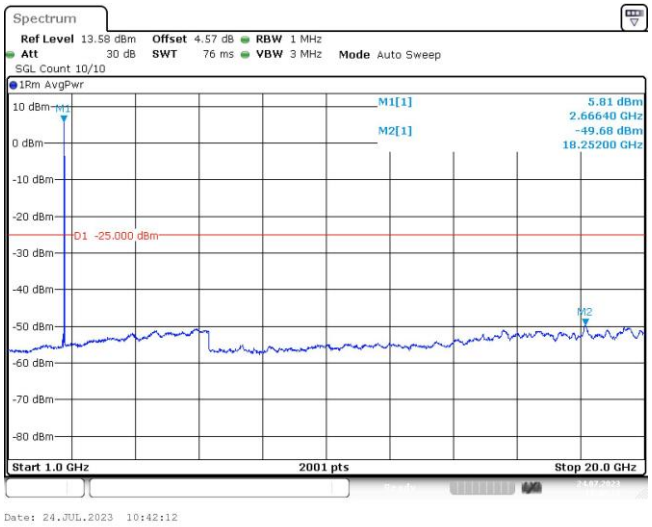
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#24-0RB#0-0.15~30MHz



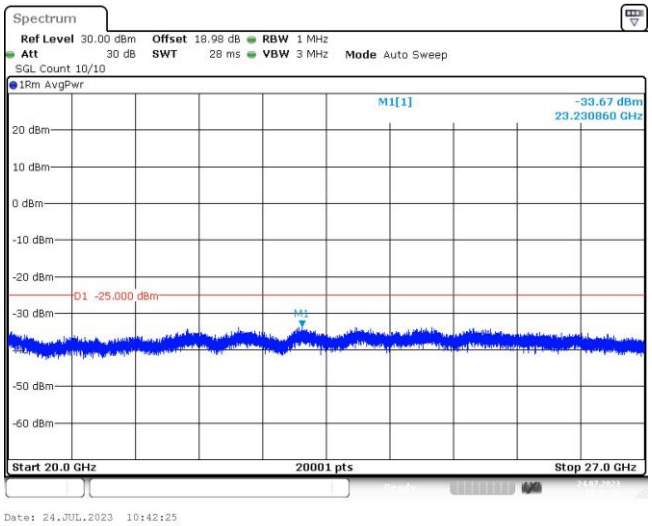
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#24-0RB#0-30~1000MHz



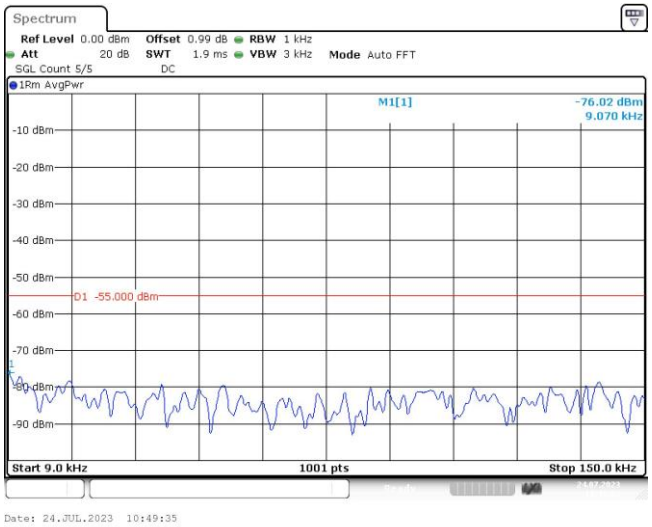
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#24-0RB#0-1000~20000MHz



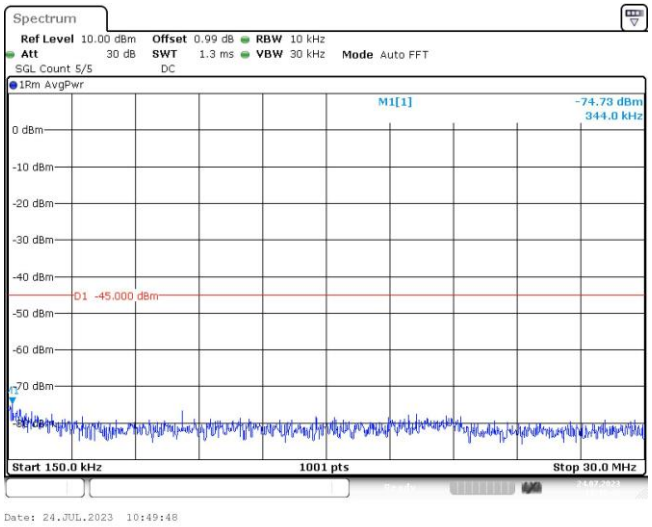
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-1RB#24-0RB#0-20000~27000MHz



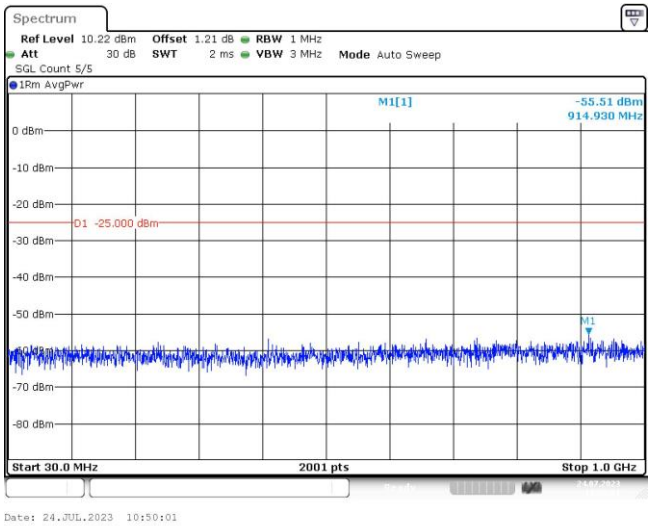
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-0.009~0.15MHz



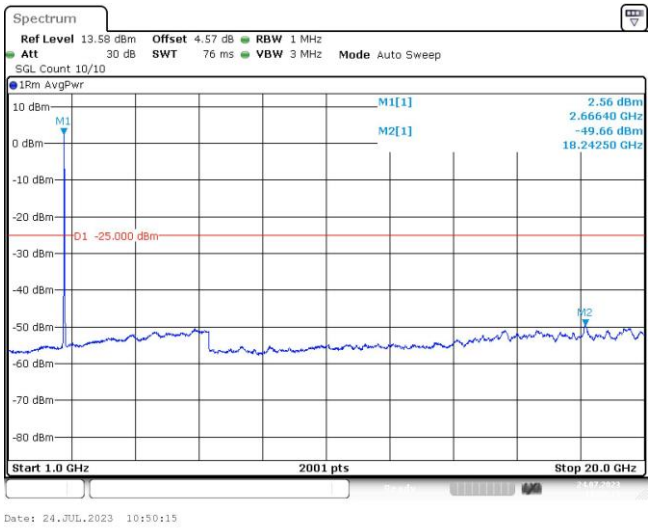
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-0.15~30MHz



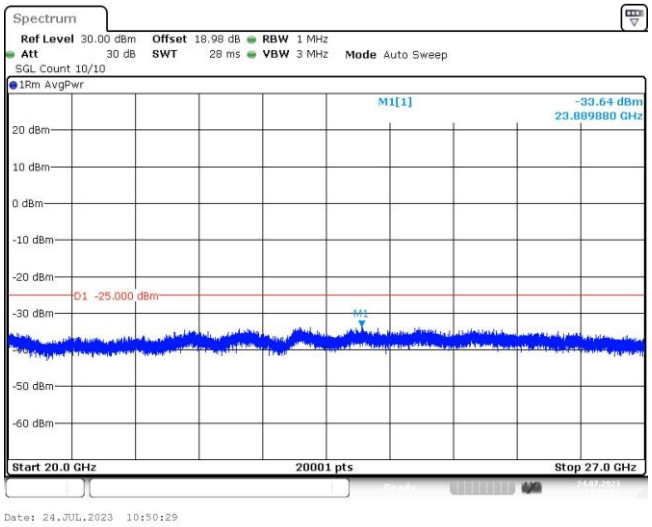
41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-30~1000MHz



41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-1000~20000MHz



41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0-20000~27000MHz



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	17.54	0.007012	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	VL	NT	20.59	0.008232	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	VH	NT	17.32	0.006924	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	VN	NT	18.12	0.007007	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	VL	NT	17.54	0.006783	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	VH	NT	15.95	0.006168	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	VH	NT	18.53	0.006939	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	VL	NT	18.73	0.007014	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	VN	NT	12.77	0.004782	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	VH	NT	16.69	0.006673	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	VN	NT	17.40	0.006956	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QA	39703-3982	50RB#0-75RB#0	VL	NT	15.59	0.006233	±2.5	PASS

		M	3							
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	VH	NT	18.05	0.006980	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	VN	NT	17.61	0.006810	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	VL	NT	23.63	0.009138	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	VH	NT	20.03	0.007500	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	VL	NT	17.80	0.006665	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	VN	NT	17.64	0.006606	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	VH	NT	17.67	0.007064	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	VL	NT	18.32	0.007324	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	VN	NT	16.95	0.006776	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	VN	NT	17.07	0.006601	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	VL	NT	19.03	0.007359	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	VH	NT	14.99	0.005797	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	VN	NT	18.27	0.006841	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	VL	NT	21.64	0.008103	±2.5	PASS

41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	VH	NT	17.75	0.006647	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	VN	NT	20.76	0.008299	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	VL	NT	23.86	0.009538	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	VH	NT	21.89	0.008751	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	VN	NT	17.61	0.006816	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	VH	NT	18.93	0.007327	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	VL	NT	23.12	0.008949	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	VN	NT	22.19	0.008325	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	VL	NT	24.55	0.009210	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	VH	NT	25.75	0.009660	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	VN	NT	19.81	0.007919	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	VL	NT	17.95	0.007176	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	VH	NT	22.00	0.008795	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	VN	NT	21.70	0.008399	±2.5	PASS
41-41	10MHz-	16QAM	40526	50RB#0-	VL	NT	20.16	0.007803	±2.5	PASS

	20MHz	-16QAM	-40670	100RB#0						
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	VH	NT	21.13	0.008179	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	VN	NT	21.34	0.008006	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	VH	NT	25.59	0.009600	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	VL	NT	25.84	0.009694	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	VH	NT	22.60	0.009035	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	VN	NT	21.54	0.008611	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	VL	NT	21.41	0.008559	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	VH	NT	22.60	0.008747	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	VL	NT	18.28	0.007075	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	VN	NT	19.88	0.007695	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	VN	NT	19.21	0.007207	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	VL	NT	24.92	0.009349	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	VH	NT	24.86	0.009326	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-3984	75RB#0-50RB#0	VN	NT	16.69	0.006667	±2.5	PASS

			5							
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	VL	NT	12.97	0.005181	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	VH	NT	14.05	0.005612	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	VN	NT	14.42	0.005572	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	VL	NT	15.08	0.005827	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	VH	NT	14.15	0.005467	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	VH	NT	14.99	0.005609	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	VL	NT	15.78	0.005904	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	VN	NT	15.89	0.005945	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	VH	NT	13.69	0.005468	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	VL	NT	13.28	0.005305	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	VN	NT	13.35	0.005333	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	VN	NT	13.55	0.005236	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	VL	NT	14.69	0.005676	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	VH	NT	16.77	0.006480	±2.5	PASS

41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	VN	NT	13.40	0.005014	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	VL	NT	18.61	0.006963	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	VH	NT	15.82	0.005919	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	VH	NT	13.12	0.005241	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	VL	NT	14.23	0.005684	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	VN	NT	12.62	0.005041	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	VH	NT	16.26	0.006283	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	VN	NT	12.53	0.004841	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	VL	NT	15.01	0.005800	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	VN	NT	16.12	0.006031	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	VL	NT	13.53	0.005062	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	VH	NT	16.95	0.006342	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	VN	NT	21.54	0.008604	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	VL	NT	18.27	0.007298	±2.5	PASS
41-41	15MHz-	QPSK-	39725	75RB#0-	VH	NT	22.50	0.008987	±2.5	PASS

	15MHz	QPSK	-3987 5	75RB#0						
41-41	15MHz- 15MHz	QPSK- QPSK	40545 -4069 5	75RB#0- 75RB#0	VN	NT	18.77	0.007260	±2.5	PASS
41-41	15MHz- 15MHz	QPSK- QPSK	40545 -4069 5	75RB#0- 75RB#0	VL	NT	15.69	0.006068	±2.5	PASS
41-41	15MHz- 15MHz	QPSK- QPSK	40545 -4069 5	75RB#0- 75RB#0	VH	NT	19.37	0.007492	±2.5	PASS
41-41	15MHz- 15MHz	QPSK- QPSK	41365 -4151 5	75RB#0- 75RB#0	VH	NT	19.00	0.007123	±2.5	PASS
41-41	15MHz- 15MHz	QPSK- QPSK	41365 -4151 5	75RB#0- 75RB#0	VN	NT	20.57	0.007711	±2.5	PASS
41-41	15MHz- 15MHz	QPSK- QPSK	41365 -4151 5	75RB#0- 75RB#0	VL	NT	19.33	0.007246	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	39725 -3987 5	75RB#0- 75RB#0	VN	NT	16.18	0.006463	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	39725 -3987 5	75RB#0- 75RB#0	VL	NT	20.04	0.008005	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	39725 -3987 5	75RB#0- 75RB#0	VH	NT	18.83	0.007521	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	40545 -4069 5	75RB#0- 75RB#0	VH	NT	20.70	0.008006	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	40545 -4069 5	75RB#0- 75RB#0	VL	NT	18.11	0.007004	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	40545 -4069 5	75RB#0- 75RB#0	VN	NT	18.53	0.007167	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA M	41365 -4151 5	75RB#0- 75RB#0	VN	NT	20.11	0.007539	±2.5	PASS
41-41	15MHz- 15MHz	16QAM -16QA	41365 -4151	75RB#0- 75RB#0	VL	NT	24.38	0.009140	±2.5	PASS

		M	5							
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	VH	NT	23.42	0.008780	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	VN	NT	16.15	0.006451	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	VL	NT	15.69	0.006267	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	VH	NT	19.37	0.007737	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	VN	NT	18.87	0.007298	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	VL	NT	20.77	0.008033	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	VH	NT	18.78	0.007264	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	VN	NT	20.46	0.007670	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	VL	NT	19.34	0.007250	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	VH	NT	22.67	0.008499	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	VN	NT	22.70	0.009066	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	VH	NT	25.76	0.010288	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	VL	NT	21.96	0.008771	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	VN	NT	19.94	0.007719	±2.5	PASS

41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	VL	NT	23.49	0.009093	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	VH	NT	23.47	0.009085	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	VN	NT	19.11	0.007176	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	VH	NT	24.69	0.009272	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	VL	NT	21.84	0.008202	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	VH	NT	27.78	0.011095	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	VL	NT	22.56	0.009010	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	VN	NT	24.46	0.009769	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	VN	NT	18.85	0.007297	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	VL	NT	26.02	0.010072	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	VH	NT	23.98	0.009283	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	VN	NT	26.95	0.010121	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	VL	NT	23.62	0.008870	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	VH	NT	27.45	0.010308	±2.5	PASS
41-41	15MHz-	64QAM	39728	75RB#0-	VH	NT	21.80	0.008707	±2.5	PASS

	20MHz	-64QAM	-39899	100RB#0						
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	VN	NT	22.14	0.008843	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	VL	NT	24.76	0.009889	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	VL	NT	20.70	0.008013	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	VH	NT	20.14	0.007796	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	VN	NT	22.43	0.008683	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	VL	NT	26.76	0.010049	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	VH	NT	23.93	0.008986	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	VN	NT	26.35	0.009895	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	VN	NT	25.99	0.010371	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	VL	NT	23.13	0.009230	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	VH	NT	23.02	0.009186	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	VH	NT	21.93	0.008482	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	VL	NT	23.89	0.009244	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-4071	100RB#0-75RB#0	VN	NT	22.70	0.008779	±2.5	PASS

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41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	VN	NT	23.33	0.008754	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	VL	NT	25.12	0.009426	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	VH	NT	24.55	0.009212	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	VL	NT	25.23	0.010068	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	VN	NT	22.39	0.008935	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	VH	NT	22.37	0.008927	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	VH	NT	24.75	0.009572	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	VL	NT	21.90	0.008470	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	VN	NT	22.56	0.008725	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	VN	NT	25.09	0.009414	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	VL	NT	26.28	0.009861	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	VH	NT	23.95	0.008987	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	VH	NT	24.92	0.009944	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	VN	NT	20.18	0.008053	±2.5	PASS

41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	VL	NT	21.94	0.008755	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	VH	NT	25.63	0.009913	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	VL	NT	19.78	0.007650	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	VN	NT	23.45	0.009069	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	VH	NT	24.92	0.009350	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	VL	NT	24.96	0.009366	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	VN	NT	27.51	0.010322	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VH	NT	29.75	0.011872	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VL	NT	27.65	0.011034	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VN	NT	27.31	0.010898	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	24.76	0.009585	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	28.37	0.010983	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	29.74	0.011513	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	VH	NT	28.98	0.010894	±2.5	PASS
41-41	20MHz-	QPSK-	41292	100RB#0	VL	NT	27.29	0.010259	±2.5	PASS

	20MHz	QPSK	-4149 0	-100RB# 0						
41-41	20MHz- 20MHz	QPSK- QPSK	41292 -4149 0	100RB#0 -100RB# 0	VN	NT	26.31	0.009890	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	VL	NT	26.62	0.010623	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	VN	NT	27.38	0.010926	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	39750 -3994 8	100RB#0 -100RB# 0	VH	NT	29.28	0.011684	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	VH	NT	27.84	0.010778	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	VL	NT	27.78	0.010755	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	40521 -4071 9	100RB#0 -100RB# 0	VN	NT	24.88	0.009632	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	41292 -4149 0	100RB#0 -100RB# 0	VH	NT	30.10	0.011315	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	41292 -4149 0	100RB#0 -100RB# 0	VL	NT	29.90	0.011240	±2.5	PASS
41-41	20MHz- 20MHz	16QAM -16QA M	41292 -4149 0	100RB#0 -100RB# 0	VN	NT	30.03	0.011289	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA M	39750 -3994 8	100RB#0 -100RB# 0	VH	NT	26.09	0.010411	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA M	39750 -3994 8	100RB#0 -100RB# 0	VL	NT	26.52	0.010583	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA M	39750 -3994 8	100RB#0 -100RB# 0	VN	NT	27.54	0.010990	±2.5	PASS
41-41	20MHz- 20MHz	64QAM -64QA	40521 -4071	100RB#0 -100RB#	VH	NT	25.35	0.009814	±2.5	PASS

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41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	VN	NT	24.12	0.009338	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	VL	NT	30.08	0.011645	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	VN	NT	28.21	0.010604	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	VL	NT	30.67	0.011529	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	VH	NT	32.64	0.012270	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	VH	NT	12.30	0.004908	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	VN	NT	15.78	0.006297	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	VL	NT	11.77	0.004697	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	VL	NT	13.15	0.005076	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	VN	NT	13.07	0.005045	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	VH	NT	11.59	0.004474	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	VL	NT	12.56	0.004695	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	VN	NT	10.96	0.004097	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	VH	NT	10.81	0.004041	±2.5	PASS

41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	VL	NT	9.88	0.003943	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	VH	NT	13.95	0.005567	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	VN	NT	10.89	0.004346	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	VH	NT	12.12	0.004679	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	VL	NT	13.98	0.005397	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	VN	NT	10.34	0.003992	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	VL	NT	12.72	0.004755	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	VH	NT	10.36	0.003873	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	VN	NT	9.34	0.003492	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	VN	NT	8.54	0.003408	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	VL	NT	11.06	0.004413	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	VH	NT	11.13	0.004441	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	VH	NT	15.01	0.005794	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	VL	NT	8.47	0.003270	±2.5	PASS
41-41	20MHz-	64QAM	40595	100RB#0	VN	NT	15.41	0.005949	±2.5	PASS

	5MHz	-64QAM	-40712	-25RB#0						
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	VN	NT	10.00	0.003738	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	VL	NT	12.32	0.004606	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	VH	NT	14.66	0.005480	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	VN	NT	20.24	0.008098	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	VL	NT	19.73	0.007894	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	VH	NT	21.27	0.008510	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	VN	NT	17.68	0.006843	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	VL	NT	20.24	0.007833	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	VH	NT	16.61	0.006429	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	VL	NT	22.20	0.008320	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	VN	NT	22.29	0.008354	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	VH	NT	21.59	0.008091	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	VL	NT	18.58	0.007434	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QA	39683-3980	25RB#0-100RB#0	VH	NT	20.91	0.008366	±2.5	PASS

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41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	VN	NT	17.32	0.006930	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	VH	NT	21.40	0.008282	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	VL	NT	21.46	0.008306	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	VN	NT	17.44	0.006750	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	VN	NT	23.88	0.008950	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	VL	NT	25.59	0.009590	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	VH	NT	23.20	0.008695	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	VN	NT	16.61	0.006646	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	VH	NT	21.07	0.008430	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	VL	NT	16.47	0.006590	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	VL	NT	21.83	0.008449	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	VH	NT	18.77	0.007264	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	VN	NT	22.19	0.008588	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	VH	NT	28.64	0.010733	±2.5	PASS

41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	VN	NT	20.74	0.007773	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	VL	NT	26.24	0.009834	±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	17.12	0.006844	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-30	20.46	0.008180	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-20	16.91	0.006760	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	-10	23.02	0.009203	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	0	17.82	0.007124	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	10	18.01	0.007200	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	20	16.59	0.006633	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	NV	30	18.31	0.007320	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-20	16.75	0.006477	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	30	16.74	0.006474	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-4066	50RB#0-75RB#0	NV	20	17.58	0.006798	±2.5	PASS

			9							
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	10	20.51	0.007931	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-10	19.83	0.007669	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-30	18.45	0.007135	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	-50	19.30	0.007464	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	NV	0	19.45	0.007522	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	20	20.44	0.007654	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	10	21.62	0.008096	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	0	18.81	0.007044	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-10	20.34	0.007617	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-20	17.72	0.006635	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-30	22.47	0.008414	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	-50	17.97	0.006729	±2.5	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	NV	30	23.29	0.008721	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	10	17.77	0.007104	±2.5	PASS

41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-50	16.97	0.006784	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-30	18.41	0.007360	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-20	15.64	0.006253	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	-10	19.90	0.007956	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	20	19.45	0.007776	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	0	18.71	0.007480	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	NV	30	19.50	0.007796	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	20	19.20	0.007425	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	-20	20.77	0.008032	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	10	16.49	0.006377	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	30	20.06	0.007757	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	-30	21.40	0.008276	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	-50	21.27	0.008225	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	NV	0	20.84	0.008059	±2.5	PASS
41-41	10MHz-	16QAM	40549	50RB#0-	NV	-10	19.76	0.007641	±2.5	PASS

	15MHz	-16QAM	-40669	75RB#0						
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-10	24.36	0.009122	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-50	21.46	0.008036	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-20	21.96	0.008223	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	0	20.79	0.007785	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	10	18.64	0.006980	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	20	20.53	0.007688	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	30	21.19	0.007935	±2.5	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	NV	-30	20.16	0.007549	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	30	16.71	0.006681	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	20	23.19	0.009271	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	10	15.99	0.006393	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	0	17.94	0.007172	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-10	18.37	0.007344	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QA	39703-3982	50RB#0-75RB#0	NV	-20	18.17	0.007264	±2.5	PASS

		M	3							
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-30	15.61	0.006241	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	NV	-50	16.55	0.006617	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	10	15.38	0.005948	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	20	16.95	0.006555	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	0	17.48	0.006760	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-10	14.85	0.005743	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-20	17.94	0.006938	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-30	18.10	0.006999	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	-50	14.79	0.005719	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	NV	30	18.97	0.007336	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-50	16.64	0.006231	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	30	20.57	0.007703	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	20	19.67	0.007366	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	10	21.44	0.008028	±2.5	PASS

41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	0	23.99	0.008983	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-10	18.95	0.007096	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-30	20.01	0.007493	±2.5	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	NV	-20	21.57	0.008077	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-20	22.02	0.008803	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	30	18.80	0.007515	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	20	20.74	0.008291	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	10	19.14	0.007651	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-30	21.29	0.008511	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-50	21.07	0.008423	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	-10	24.22	0.009682	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	NV	0	24.66	0.009858	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	-50	20.41	0.007900	±2.5	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	NV	-30	21.01	0.008132	±2.5	PASS
41-41	10MHz-	QPSK-	40526	50RB#0-	NV	-20	22.04	0.008531	±2.5	PASS

	20MHz	QPSK	-4067 0	100RB#0						
41-41	10MHz- 20MHz	QPSK- QPSK	40526 -4067 0	50RB#0- 100RB#0	NV	-10	20.80	0.008051	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	40526 -4067 0	50RB#0- 100RB#0	NV	0	22.37	0.008658	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	40526 -4067 0	50RB#0- 100RB#0	NV	10	21.70	0.008399	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	40526 -4067 0	50RB#0- 100RB#0	NV	30	21.86	0.008461	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	40526 -4067 0	50RB#0- 100RB#0	NV	20	20.57	0.007962	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	-20	23.86	0.008951	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	-30	26.25	0.009848	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	-10	24.78	0.009296	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	0	25.73	0.009653	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	20	24.55	0.009210	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	10	24.83	0.009315	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	-50	21.39	0.008024	±2.5	PASS
41-41	10MHz- 20MHz	QPSK- QPSK	41346 -4149 0	50RB#0- 100RB#0	NV	30	22.66	0.008501	±2.5	PASS
41-41	10MHz- 20MHz	16QAM -16QA	39705 -3984	50RB#0- 100RB#0	NV	-50	20.03	0.008007	±2.5	PASS

		M	9							
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-30	19.43	0.007767	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-20	20.08	0.008027	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	-10	22.46	0.008979	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	0	22.50	0.008995	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	10	18.98	0.007587	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	20	22.43	0.008967	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	NV	30	23.93	0.009566	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	10	22.36	0.008655	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	20	18.64	0.007215	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	0	21.97	0.008504	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-10	21.49	0.008318	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-20	21.57	0.008349	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-30	20.91	0.008093	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	-50	21.43	0.008295	±2.5	PASS

41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	NV	30	24.46	0.009467	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-30	23.00	0.008628	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-50	24.91	0.009345	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	20	24.32	0.009124	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	10	23.57	0.008842	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	0	27.79	0.010425	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-20	23.07	0.008655	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	30	20.31	0.007619	±2.5	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	NV	-10	23.67	0.008880	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-30	21.27	0.008503	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-20	21.56	0.008619	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-10	21.76	0.008699	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	0	21.69	0.008671	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	10	22.27	0.008903	±2.5	PASS
41-41	10MHz-	64QAM	39705	50RB#0-	NV	20	20.73	0.008287	±2.5	PASS

	20MHz	-64QAM	-39849	100RB#0						
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	30	19.93	0.007967	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	NV	-50	21.97	0.008783	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	10	22.39	0.008666	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	20	19.93	0.007714	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-50	20.00	0.007741	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-30	21.53	0.008333	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-20	18.75	0.007257	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	0	19.41	0.007513	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	30	21.14	0.008182	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	NV	-10	21.07	0.008155	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	20	21.04	0.007893	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-30	26.16	0.009814	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	30	22.95	0.008610	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QA	41346-4149	50RB#0-100RB#0	NV	10	24.66	0.009251	±2.5	PASS

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41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	0	26.22	0.009836	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-50	24.45	0.009172	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-10	24.16	0.009064	±2.5	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	NV	-20	24.85	0.009322	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	0	13.16	0.005257	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	30	11.77	0.004701	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	10	13.85	0.005532	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-10	13.02	0.005201	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-20	16.92	0.006759	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-30	14.19	0.005668	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	-50	12.43	0.004965	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	NV	20	11.57	0.004622	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	-50	12.72	0.004915	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	20	16.44	0.006352	±2.5	PASS

41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	10	14.31	0.005529	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	0	13.92	0.005378	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	-10	16.21	0.006263	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	-20	15.06	0.005819	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	-30	15.65	0.006047	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	NV	30	15.96	0.006167	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	30	17.01	0.006364	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	-30	14.86	0.005560	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	-20	15.11	0.005653	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	-10	17.14	0.006413	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	0	17.71	0.006626	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	10	17.55	0.006566	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	-50	13.55	0.005070	±2.5	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	NV	20	15.49	0.005796	±2.5	PASS
41-41	15MHz-	16QAM	39725	75RB#0-	NV	10	13.93	0.005564	±2.5	PASS

	10MHz	-16QAM	-39845	50RB#0						
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	0	12.03	0.004805	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-10	16.99	0.006786	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-20	14.91	0.005956	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-30	15.66	0.006255	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	30	13.89	0.005548	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	20	15.62	0.006239	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	NV	-50	14.72	0.005880	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-30	13.09	0.005058	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	30	13.36	0.005162	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	20	14.62	0.005649	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	10	13.80	0.005332	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	0	12.06	0.004660	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-20	16.31	0.006302	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QA	40571-4069	75RB#0-50RB#0	NV	-50	17.19	0.006642	±2.5	PASS

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41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	NV	-10	12.70	0.004907	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-50	20.56	0.007693	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-20	15.82	0.005919	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-10	14.41	0.005392	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	0	21.03	0.007868	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	-30	18.94	0.007086	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	20	15.06	0.005635	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	10	18.12	0.006780	±2.5	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	NV	30	16.58	0.006203	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	0	13.05	0.005213	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-50	15.84	0.006327	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-30	13.43	0.005364	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-10	17.41	0.006954	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	10	13.82	0.005520	±2.5	PASS

41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	20	15.31	0.006115	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	30	15.96	0.006375	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	NV	-20	16.05	0.006411	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	30	16.15	0.006240	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	20	14.35	0.005545	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-30	16.69	0.006449	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-20	15.58	0.006020	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-10	13.38	0.005170	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	0	16.94	0.006545	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	10	16.82	0.006499	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	NV	-50	16.09	0.006217	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	30	16.54	0.006188	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	20	15.55	0.005818	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	10	19.03	0.007120	±2.5	PASS
41-41	15MHz-	64QAM	41417	75RB#0-	NV	0	16.85	0.006304	±2.5	PASS

	10MHz	-64QAM	-41537	50RB#0						
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-10	19.03	0.007120	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-20	13.95	0.005219	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-50	15.52	0.005807	±2.5	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	NV	-30	13.39	0.005010	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-10	18.77	0.007498	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	10	20.01	0.007993	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	20	19.68	0.007861	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	0	18.48	0.007382	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-30	20.51	0.008193	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-50	19.25	0.007689	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	30	16.94	0.006767	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	NV	-20	22.03	0.008800	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-10	19.41	0.007507	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-4069	75RB#0-75RB#0	NV	30	21.23	0.008211	±2.5	PASS

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41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	20	20.63	0.007979	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	0	24.39	0.009433	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-20	19.41	0.007507	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-30	13.52	0.005229	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	-50	20.73	0.008018	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	NV	10	17.29	0.006687	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	20	19.71	0.007389	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-50	21.77	0.008161	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-20	17.41	0.006527	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-10	21.87	0.008199	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	0	18.40	0.006898	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	-30	22.43	0.008409	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	30	22.56	0.008457	±2.5	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	NV	10	20.83	0.007809	±2.5	PASS

41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-50	18.35	0.007330	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-30	18.44	0.007366	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	20	19.47	0.007777	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-20	20.23	0.008081	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	-10	19.61	0.007833	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	0	17.90	0.007150	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	10	16.89	0.006747	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	NV	30	15.82	0.006319	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-30	16.55	0.006401	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	30	15.51	0.005999	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	20	18.07	0.006989	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-10	18.75	0.007252	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-50	15.28	0.005910	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	0	17.08	0.006606	±2.5	PASS
41-41	15MHz-	16QAM	40545	75RB#0-	NV	10	16.64	0.006436	±2.5	PASS

	15MHz	-16QAM	-40695	75RB#0						
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	NV	-20	15.28	0.005910	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-10	21.13	0.007921	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	30	20.44	0.007663	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	20	23.76	0.008907	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	10	19.27	0.007224	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	0	21.34	0.008000	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-50	20.69	0.007756	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-30	24.22	0.009080	±2.5	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	NV	-20	19.66	0.007370	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	30	15.81	0.006315	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	10	19.78	0.007901	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	0	17.41	0.006954	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-10	18.04	0.007206	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QA	39725-3987	75RB#0-75RB#0	NV	-30	21.34	0.008524	±2.5	PASS

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41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-50	22.76	0.009091	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	20	21.03	0.008400	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	NV	-20	20.81	0.008312	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	10	17.41	0.006734	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	30	19.78	0.007650	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	20	17.61	0.006811	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-50	16.75	0.006478	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	0	17.80	0.006885	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-10	16.69	0.006455	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-20	19.13	0.007399	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	NV	-30	14.86	0.005747	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	30	20.64	0.007738	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-30	20.17	0.007561	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-20	20.44	0.007663	±2.5	PASS

41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-10	21.86	0.008195	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	0	21.80	0.008172	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	10	21.03	0.007884	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	20	22.32	0.008367	±2.5	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	NV	-50	21.36	0.008007	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	10	23.82	0.009514	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-30	22.54	0.009002	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-20	25.22	0.010073	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	0	28.35	0.011323	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	20	23.65	0.009446	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	30	22.90	0.009146	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-10	24.00	0.009585	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	NV	-50	26.11	0.010428	±2.5	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	NV	20	23.10	0.008942	±2.5	PASS
41-41	15MHz-	QPSK-	40523	75RB#0-	NV	-30	27.55	0.010665	±2.5	PASS

	20MHz	QPSK	-4069 4	100RB#0						
41-41	15MHz- 20MHz	QPSK- QPSK	40523 -4069 4	75RB#0- 100RB#0	NV	-50	24.45	0.009465	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	40523 -4069 4	75RB#0- 100RB#0	NV	-10	23.16	0.008965	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	40523 -4069 4	75RB#0- 100RB#0	NV	-20	25.15	0.009736	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	40523 -4069 4	75RB#0- 100RB#0	NV	10	23.66	0.009159	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	40523 -4069 4	75RB#0- 100RB#0	NV	30	24.05	0.009310	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	40523 -4069 4	75RB#0- 100RB#0	NV	0	23.25	0.009000	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	0	27.64	0.010380	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	10	24.40	0.009163	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	-10	23.42	0.008795	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	-20	25.43	0.009550	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	-30	25.85	0.009707	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	-50	26.01	0.009768	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149 0	75RB#0- 100RB#0	NV	30	25.89	0.009722	±2.5	PASS
41-41	15MHz- 20MHz	QPSK- QPSK	41319 -4149	75RB#0- 100RB#0	NV	20	24.03	0.009024	±2.5	PASS

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41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	30	20.80	0.008307	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	20	25.11	0.010029	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	0	21.54	0.008603	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-10	23.30	0.009306	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-20	21.31	0.008511	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-30	24.36	0.009729	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	-50	23.75	0.009486	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	NV	10	24.06	0.009609	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-20	23.66	0.009159	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-30	24.28	0.009399	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	20	22.03	0.008528	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	10	20.48	0.007928	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	0	22.50	0.008710	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-10	22.34	0.008648	±2.5	PASS

41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	30	26.06	0.010088	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	NV	-50	23.53	0.009109	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-30	25.36	0.009523	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-20	27.32	0.010259	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-10	26.35	0.009895	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	0	27.34	0.010267	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	10	27.15	0.010196	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	20	27.49	0.010323	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	30	23.99	0.009009	±2.5	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	NV	-50	28.41	0.010669	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-10	23.15	0.009246	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	20	23.00	0.009186	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	10	23.95	0.009565	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	0	23.50	0.009386	±2.5	PASS
41-41	15MHz-	64QAM	39728	75RB#0-	NV	30	22.33	0.008918	±2.5	PASS

	20MHz	-64QAM	-39899	100RB#0						
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-30	24.30	0.009705	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-50	22.52	0.008994	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	NV	-20	22.95	0.009166	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-30	21.33	0.008257	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-20	19.86	0.007688	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-10	23.05	0.008923	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	-50	21.16	0.008191	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	10	22.49	0.008706	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	20	21.10	0.008168	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	30	23.69	0.009170	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	NV	0	23.88	0.009244	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-20	26.89	0.010098	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	10	27.51	0.010331	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QA	41319-4149	75RB#0-100RB#0	NV	30	23.57	0.008851	±2.5	PASS

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41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	20	22.10	0.008299	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-10	25.69	0.009647	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	0	25.76	0.009674	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-30	23.00	0.008637	±2.5	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	NV	-50	28.02	0.010522	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	20	20.47	0.008168	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-20	25.42	0.010144	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-30	23.53	0.009389	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	30	23.35	0.009318	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-10	26.04	0.010391	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	10	22.43	0.008951	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	-50	25.84	0.010311	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	NV	0	23.25	0.009278	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	-10	24.83	0.009603	±2.5	PASS

41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	0	20.23	0.007824	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	10	23.72	0.009174	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	20	23.56	0.009112	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	30	20.56	0.007952	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	-30	24.56	0.009499	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	-50	24.43	0.009448	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	NV	-20	21.77	0.008420	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	-30	26.12	0.009801	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	-10	23.88	0.008960	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	30	21.76	0.008165	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	20	27.57	0.010345	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	0	22.56	0.008465	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	-20	21.80	0.008180	±2.5	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	NV	-50	22.32	0.008375	±2.5	PASS
41-41	20MHz-	QPSK-	41341	100RB#0	NV	10	23.55	0.008836	±2.5	PASS

	15MHz	QPSK	-4151 2	-75RB#0						
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	-20	21.03	0.008392	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	-10	19.81	0.007905	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	-30	20.56	0.008204	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	10	18.67	0.007450	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	0	20.47	0.008168	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	30	19.54	0.007797	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	20	20.26	0.008085	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	39750 -3992 1	100RB#0 -75RB#0	NV	-50	22.47	0.008966	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	40546 -4071 7	100RB#0 -75RB#0	NV	10	21.23	0.008211	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	40546 -4071 7	100RB#0 -75RB#0	NV	-50	22.07	0.008536	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	40546 -4071 7	100RB#0 -75RB#0	NV	-30	25.39	0.009820	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	40546 -4071 7	100RB#0 -75RB#0	NV	-20	20.67	0.007994	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA M	40546 -4071 7	100RB#0 -75RB#0	NV	0	19.54	0.007557	±2.5	PASS
41-41	20MHz- 15MHz	16QAM -16QA	40546 -4071	100RB#0 -75RB#0	NV	20	19.54	0.007557	±2.5	PASS

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41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	30	22.82	0.008826	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	NV	-10	20.51	0.007932	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	0	22.67	0.008506	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-50	22.00	0.008255	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-30	24.91	0.009347	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-10	25.65	0.009624	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	10	26.09	0.009790	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	20	25.19	0.009452	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	30	23.29	0.008739	±2.5	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	NV	-20	26.48	0.009936	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-50	24.13	0.009629	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-20	21.74	0.008675	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	0	23.30	0.009298	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	10	24.08	0.009609	±2.5	PASS

41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	20	24.00	0.009577	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	30	22.50	0.008978	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-30	22.53	0.008990	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	NV	-10	21.27	0.008488	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	20	21.64	0.008369	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-50	23.35	0.009031	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	30	22.19	0.008582	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	10	24.42	0.009445	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	0	24.95	0.009650	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-10	18.81	0.007275	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-20	23.42	0.009058	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	NV	-30	20.24	0.007828	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	30	24.86	0.009328	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	-30	26.26	0.009853	±2.5	PASS
41-41	20MHz-	64QAM	41341	100RB#0	NV	-20	25.76	0.009666	±2.5	PASS

	15MHz	-64QAM	-41512	-75RB#0						
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	-10	23.62	0.008863	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	0	24.78	0.009298	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	10	25.12	0.009426	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	-50	20.83	0.007816	±2.5	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	NV	20	25.72	0.009651	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	20	28.62	0.011421	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-50	28.77	0.011480	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	30	29.04	0.011588	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	10	28.98	0.011564	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	0	26.02	0.010383	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-10	27.12	0.010822	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-20	30.18	0.012043	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-30	26.52	0.010583	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-4071	100RB#0-100RB#	NV	-30	30.10	0.011653	±2.5	PASS

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41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	25.73	0.009961	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	27.82	0.010770	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	26.38	0.010213	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	28.92	0.011196	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	29.47	0.011409	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-50	29.40	0.011382	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	25.73	0.009961	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	10	32.23	0.012116	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-50	26.64	0.010014	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-30	27.62	0.010383	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-20	27.88	0.010480	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	0	31.17	0.011717	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	20	29.74	0.011180	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	30	29.78	0.011195	±2.5	PASS

41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-10	30.63	0.011514	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	-10	27.22	0.010862	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	-30	27.51	0.010978	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	-20	26.74	0.010670	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	0	29.11	0.011616	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	-50	29.11	0.011616	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	10	26.87	0.010722	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	20	26.89	0.010730	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	NV	30	27.01	0.010778	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	-50	29.74	0.011513	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	30	25.86	0.010011	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	-20	26.88	0.010406	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	-10	25.58	0.009903	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	0	25.39	0.009829	±2.5	PASS
41-41	20MHz-	16QAM	40521	100RB#0	NV	10	24.08	0.009322	±2.5	PASS

	20MHz	-16QAM	-40719	-100RB#0						
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	-30	26.87	0.010402	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	NV	20	27.18	0.010522	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	30	30.21	0.011356	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	20	26.99	0.010146	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	10	33.00	0.012405	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	0	30.18	0.011345	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-10	32.93	0.012379	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-20	36.81	0.013837	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-50	31.37	0.011792	±2.5	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	NV	-30	30.70	0.011540	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	0	30.50	0.012171	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-50	26.62	0.010623	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-30	28.84	0.011508	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QA	39750-3994	100RB#0-100RB#	NV	-10	28.57	0.011401	±2.5	PASS

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41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	10	27.45	0.010954	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	20	26.92	0.010742	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	30	26.55	0.010595	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	NV	-20	29.64	0.011828	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-50	26.81	0.010379	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	30	26.81	0.010379	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	20	27.27	0.010557	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	10	25.84	0.010003	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	0	26.59	0.010294	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-20	28.91	0.011192	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-30	26.97	0.010441	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	NV	-10	25.28	0.009787	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-30	30.48	0.011458	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	20	30.73	0.011552	±2.5	PASS

41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	10	32.63	0.012266	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	0	28.21	0.010604	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-20	29.50	0.011089	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-50	29.28	0.011007	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	-10	30.66	0.011525	±2.5	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	NV	30	28.25	0.010620	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-30	13.63	0.005439	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	30	12.70	0.005068	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	20	13.05	0.005208	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	10	10.71	0.004274	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	0	14.10	0.005626	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-20	15.48	0.006177	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-50	11.89	0.004745	±2.5	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	NV	-10	13.48	0.005379	±2.5	PASS
41-41	20MHz-	QPSK-	40595	100RB#0	NV	10	11.39	0.004397	±2.5	PASS

	5MHz	QPSK	-4071 2	-25RB#0						
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	30	12.30	0.004748	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	-50	11.29	0.004358	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	-30	11.63	0.004489	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	-20	13.32	0.005142	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	20	10.83	0.004181	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	-10	12.33	0.004760	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	40595 -4071 2	100RB#0 -25RB#0	NV	0	13.36	0.005157	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155 7	100RB#0 -25RB#0	NV	-30	10.97	0.004101	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155 7	100RB#0 -25RB#0	NV	30	12.73	0.004759	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155 7	100RB#0 -25RB#0	NV	10	10.60	0.003963	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155 7	100RB#0 -25RB#0	NV	-20	13.16	0.004920	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155 7	100RB#0 -25RB#0	NV	20	12.85	0.004804	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155 7	100RB#0 -25RB#0	NV	-10	10.16	0.003798	±2.5	PASS
41-41	20MHz- 5MHz	QPSK- QPSK	41440 -4155	100RB#0 -25RB#0	NV	0	10.93	0.004086	±2.5	PASS

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41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	NV	-50	12.63	0.004721	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-10	13.18	0.005259	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-20	12.72	0.005076	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-30	7.22	0.002881	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	-50	12.40	0.004948	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	30	10.96	0.004374	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	20	10.97	0.004377	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	10	12.92	0.005156	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	NV	0	11.23	0.004481	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-10	10.16	0.003922	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	30	12.79	0.004937	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-50	12.07	0.004659	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-20	13.43	0.005184	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	0	15.21	0.005871	±2.5	PASS

41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	10	10.30	0.003976	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	20	12.04	0.004648	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	NV	-30	11.53	0.004451	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-50	9.14	0.003417	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-30	10.34	0.003865	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	30	12.47	0.004662	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-20	13.26	0.004957	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	20	12.60	0.004710	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	-10	13.46	0.005032	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	0	14.72	0.005503	±2.5	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	NV	10	13.30	0.004972	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	-10	9.86	0.003935	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	20	8.73	0.003484	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	0	11.64	0.004645	±2.5	PASS
41-41	20MHz-	64QAM	39750	100RB#0	NV	-20	7.84	0.003128	±2.5	PASS

	5MHz	-64QAM	-39867	-25RB#0						
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	-30	8.80	0.003512	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	-50	11.43	0.004561	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	30	12.73	0.005080	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	NV	10	13.39	0.005343	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	20	12.23	0.004721	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	30	14.69	0.005671	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	10	10.71	0.004134	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	0	11.73	0.004528	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-10	14.92	0.005760	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-20	13.98	0.005397	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-50	9.73	0.003756	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	NV	-30	11.60	0.004478	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-20	10.39	0.003884	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QA	41440-4155	100RB#0-25RB#0	NV	10	14.26	0.005331	±2.5	PASS

		M	7							
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	30	8.35	0.003121	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	20	15.19	0.005679	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-10	9.63	0.003600	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-30	9.24	0.003454	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	0	11.83	0.004422	±2.5	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	NV	-50	8.01	0.002994	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	30	24.16	0.009667	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-50	22.36	0.008947	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-30	19.44	0.007778	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-20	24.86	0.009947	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	-10	21.09	0.008438	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	0	18.94	0.007578	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	10	23.20	0.009283	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	NV	20	23.60	0.009443	±2.5	PASS

41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	-50	25.36	0.009815	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	-30	23.27	0.009006	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	-20	24.50	0.009482	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	-10	20.07	0.007768	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	10	20.63	0.007984	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	20	21.29	0.008240	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	30	19.51	0.007551	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	NV	0	20.20	0.007818	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	20	25.05	0.009388	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	-50	20.57	0.007709	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	-30	22.24	0.008335	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	-20	26.01	0.009748	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	10	26.34	0.009871	±2.5	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	NV	30	27.35	0.010250	±2.5	PASS
41-41	5MHz-2	QPSK-	41373	25RB#0-	NV	0	23.85	0.008938	±2.5	PASS

	0MHz	QPSK	-4149 0	100RB#0						
41-41	5MHz-20MHz	QPSK-QPSK	41373 -4149 0	25RB#0-100RB#0	NV	-10	20.84	0.007810	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	-30	23.59	0.009439	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	-50	22.23	0.008894	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	-20	21.62	0.008650	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	-10	21.67	0.008670	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	0	23.22	0.009291	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	10	24.02	0.009611	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	30	19.68	0.007874	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683 -3980 0	25RB#0-100RB#0	NV	20	20.53	0.008214	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528 -4064 5	25RB#0-100RB#0	NV	30	19.86	0.007686	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528 -4064 5	25RB#0-100RB#0	NV	20	17.50	0.006773	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528 -4064 5	25RB#0-100RB#0	NV	10	19.34	0.007485	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528 -4064 5	25RB#0-100RB#0	NV	0	18.42	0.007129	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QA	40528 -4064	25RB#0-100RB#0	NV	-10	18.67	0.007226	±2.5	PASS

		M	5							
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-20	16.84	0.006518	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-30	19.74	0.007640	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	NV	-50	21.67	0.008387	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	0	26.28	0.009849	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-50	25.19	0.009440	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	30	24.32	0.009114	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	20	25.45	0.009538	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	10	23.63	0.008856	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-10	22.70	0.008507	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-30	30.27	0.011344	±2.5	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	NV	-20	24.16	0.009054	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-50	17.67	0.007070	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-30	19.41	0.007766	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-20	20.90	0.008362	±2.5	PASS

41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	-10	20.81	0.008326	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	10	20.79	0.008318	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	20	20.64	0.008258	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	30	22.44	0.008979	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	NV	0	23.13	0.009255	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-10	20.06	0.007764	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	30	18.00	0.006966	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-20	21.73	0.008410	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	0	19.78	0.007655	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	10	21.06	0.008151	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	20	20.08	0.007771	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-50	21.76	0.008422	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	NV	-30	21.33	0.008255	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	30	24.69	0.009253	±2.5	PASS
41-41	5MHz-2	64QAM	41373	25RB#0-	NV	-50	26.49	0.009928	±2.5	PASS

	0MHz	-64QAM	-41490	100RB#0						
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	-30	24.76	0.009279	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	-20	29.24	0.010958	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	-10	24.23	0.009081	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	0	24.06	0.009017	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	10	24.58	0.009212	±2.5	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	NV	20	21.31	0.007986	±2.5	PASS