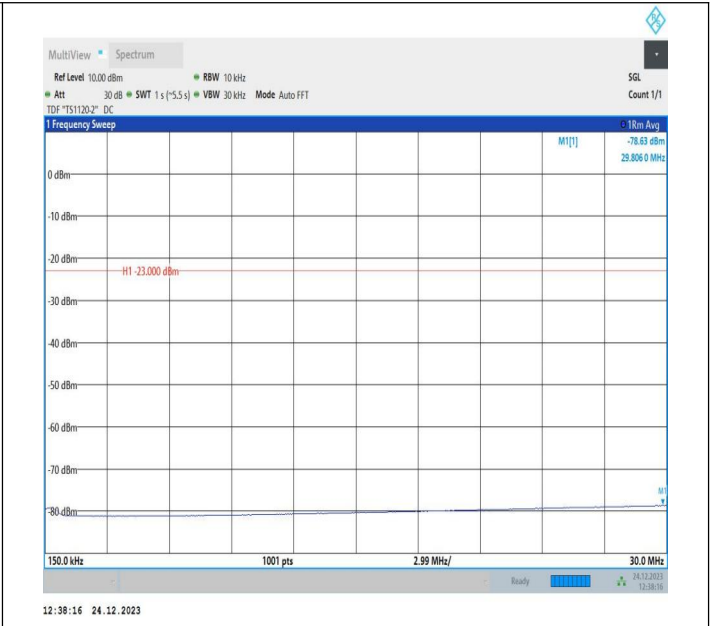
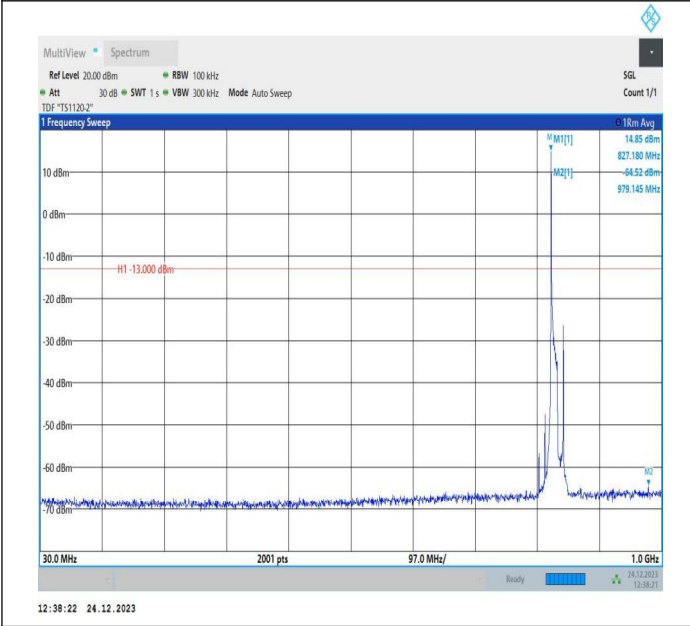


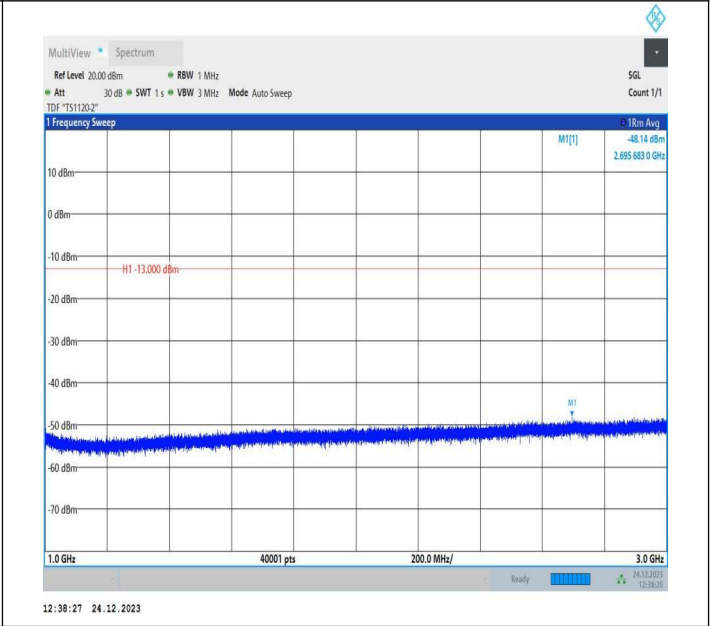
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0  
 -0.009~0.15MHz-PASS



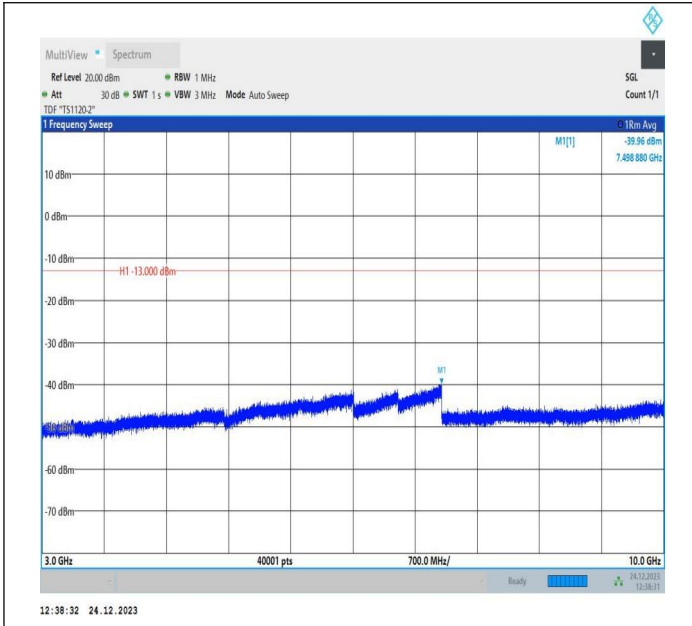
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0  
 0.15~30MHz-PASS



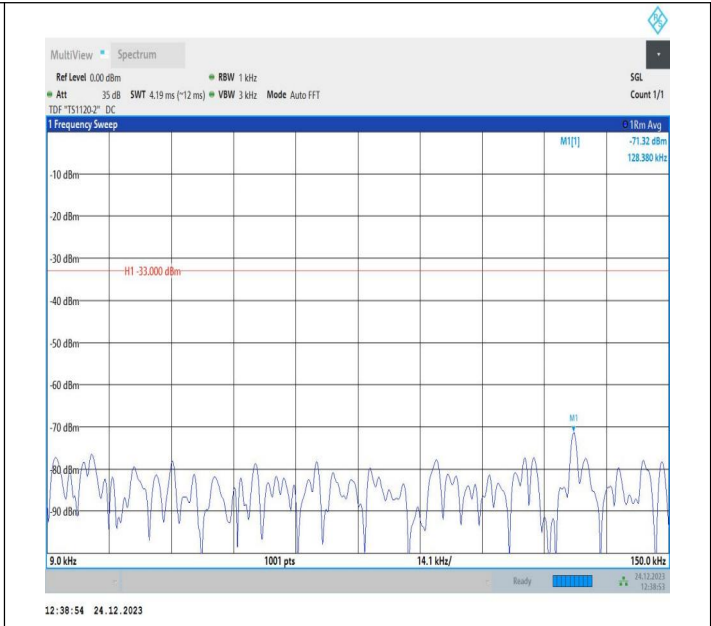
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0  
 -30~1000MHz-PASS



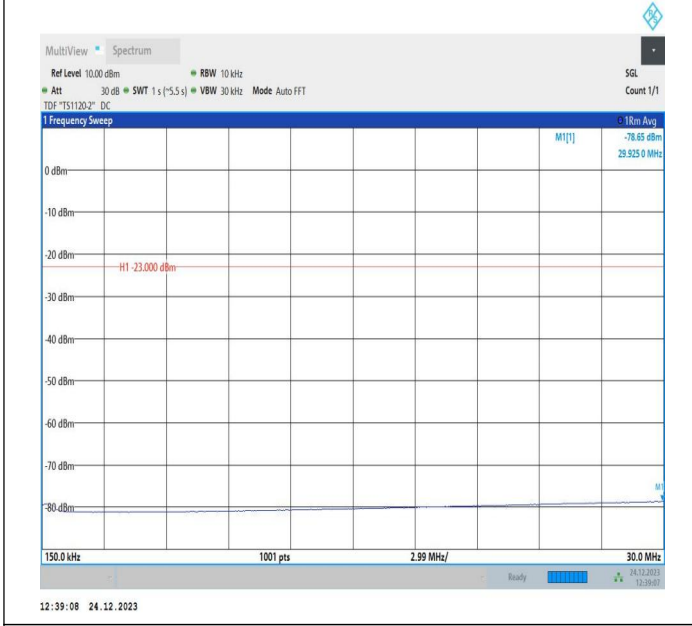
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-0RB#0  
 1000~3000MHz-PASS



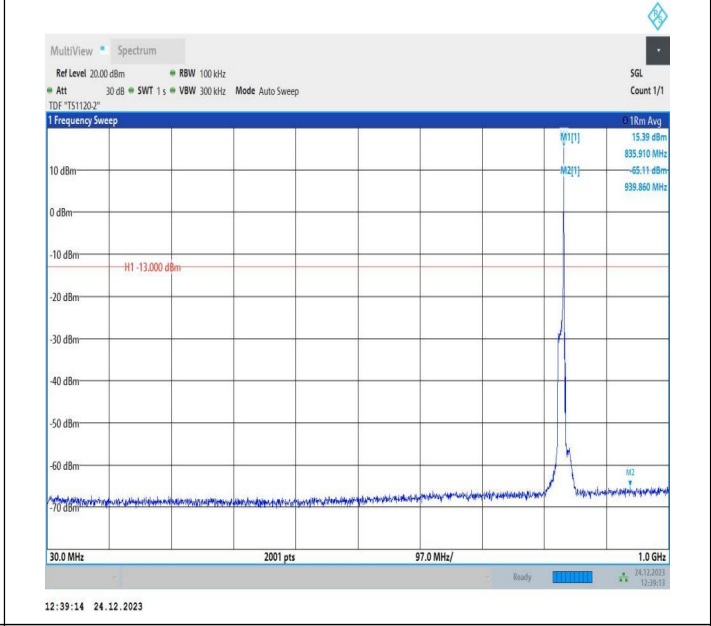
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-ORB#0  
-3000~10000MHz-PASS



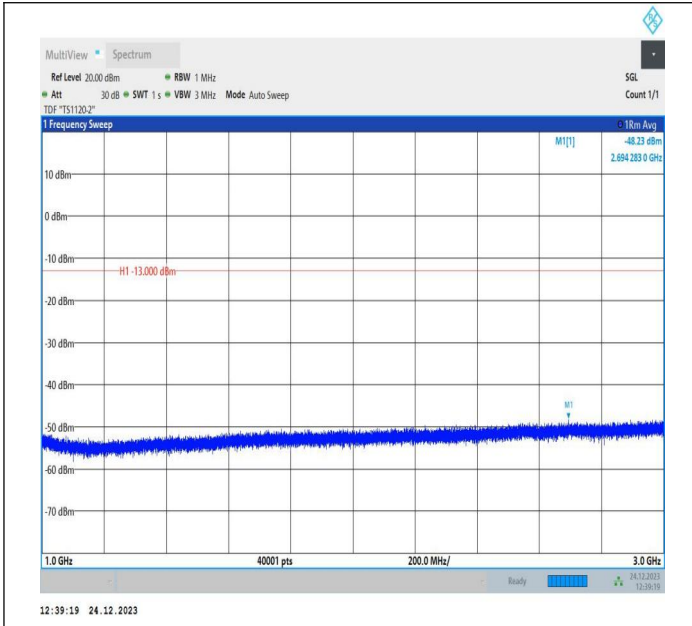
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#49-ORB#  
0-0.009~0.15MHz-PASS



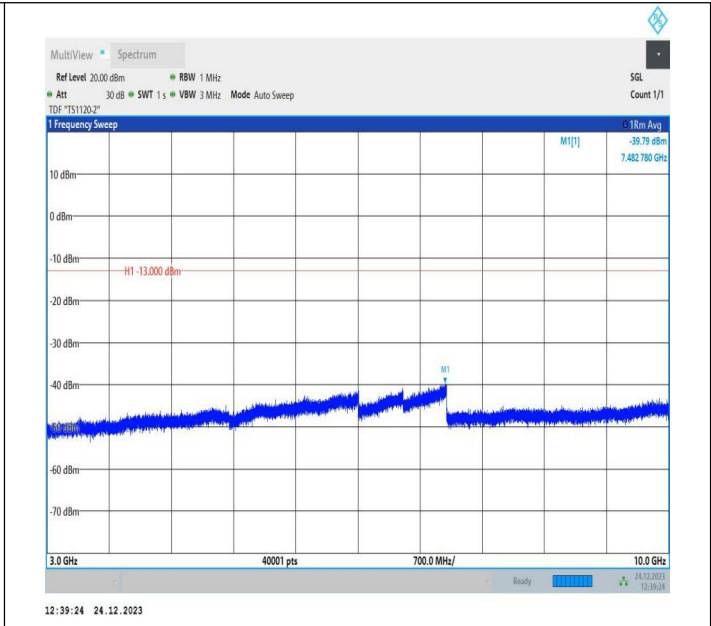
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#49-ORB#  
0-0.15~30MHz-PASS



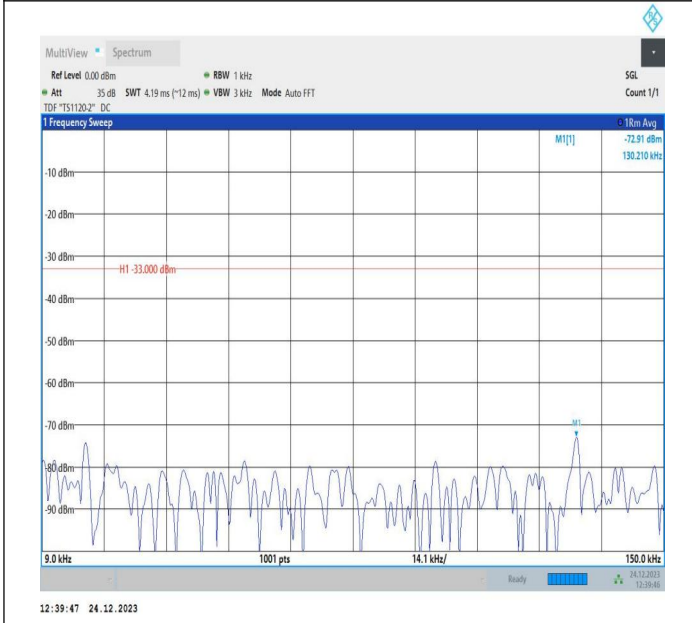
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#49-ORB#  
0-30~1000MHz-PASS



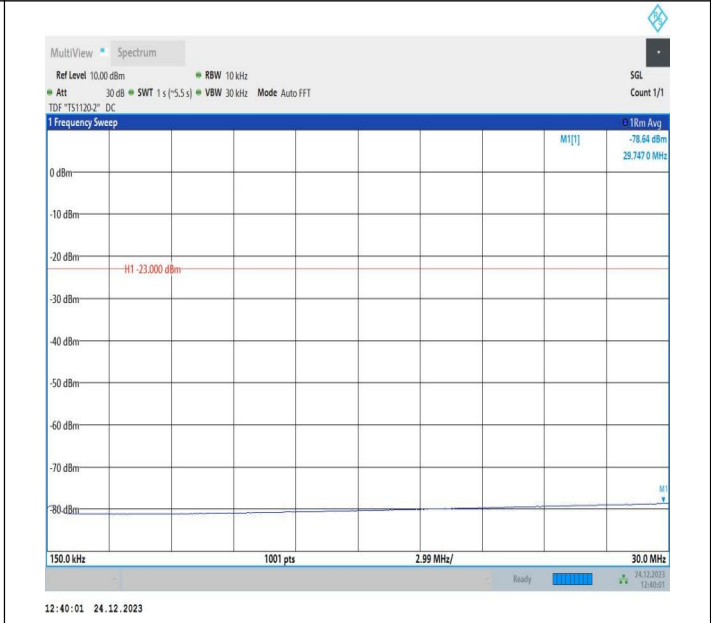
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#49-0RB#  
 0-1000~3000MHz-PASS



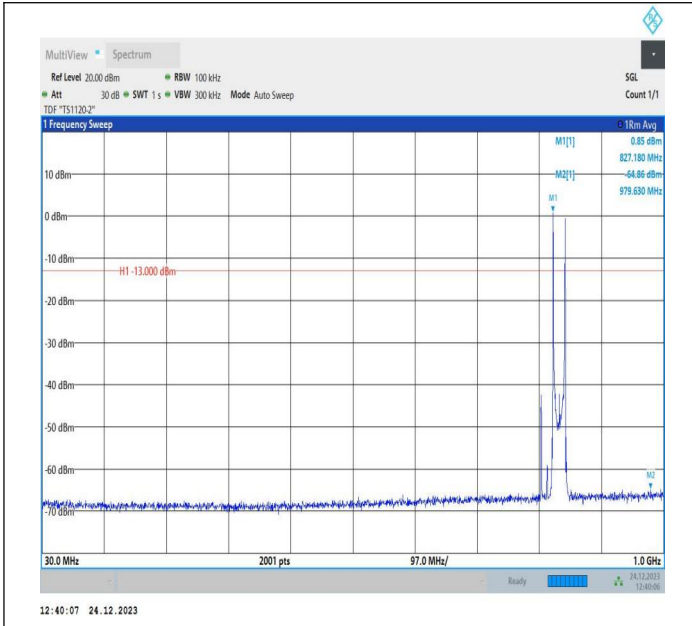
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#49-0RB#  
 0-3000~10000MHz-PASS



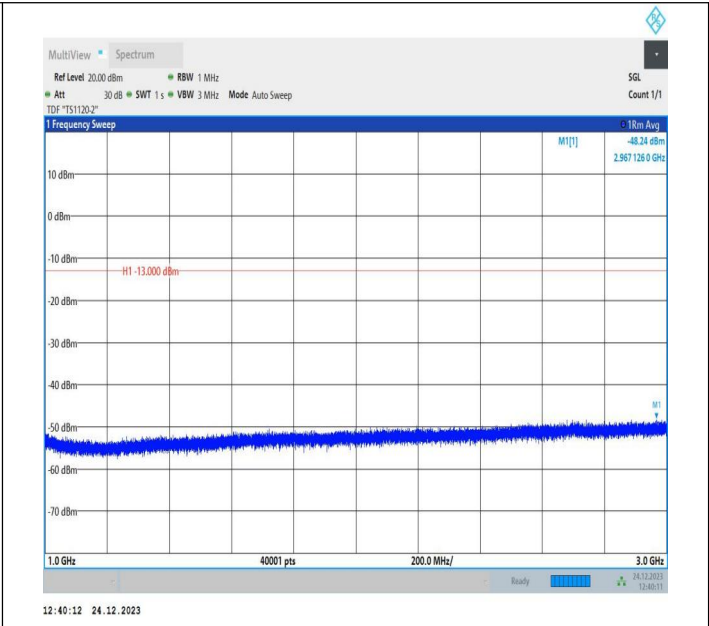
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-1RB#4  
 9-0.009~0.15MHz-PASS



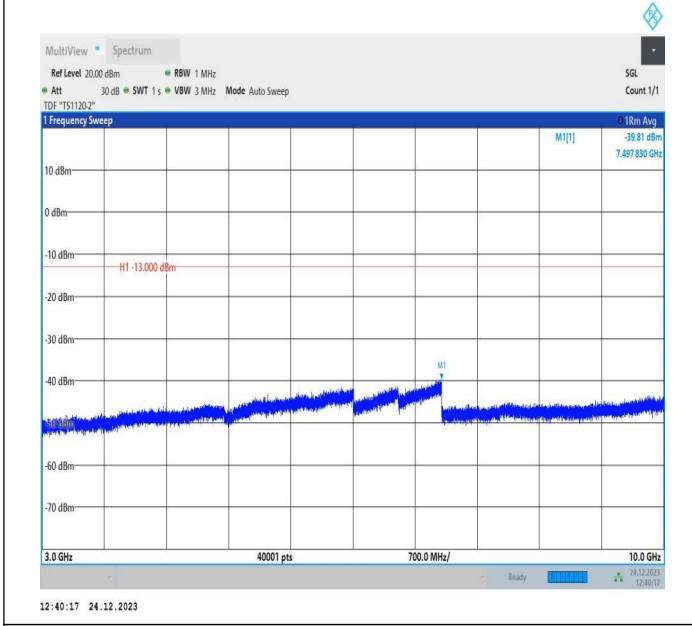
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-1RB#4  
 9-0.15~30MHz-PASS



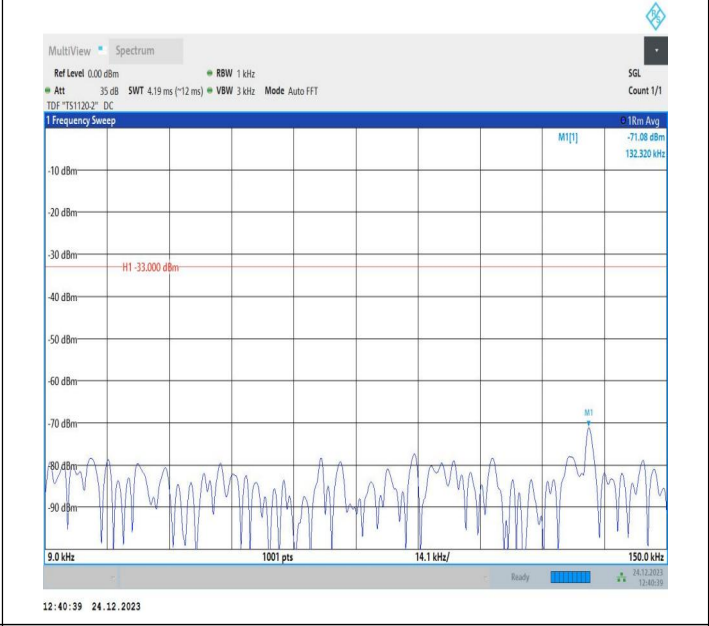
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-1RB#4  
 9-30~1000MHz-PASS



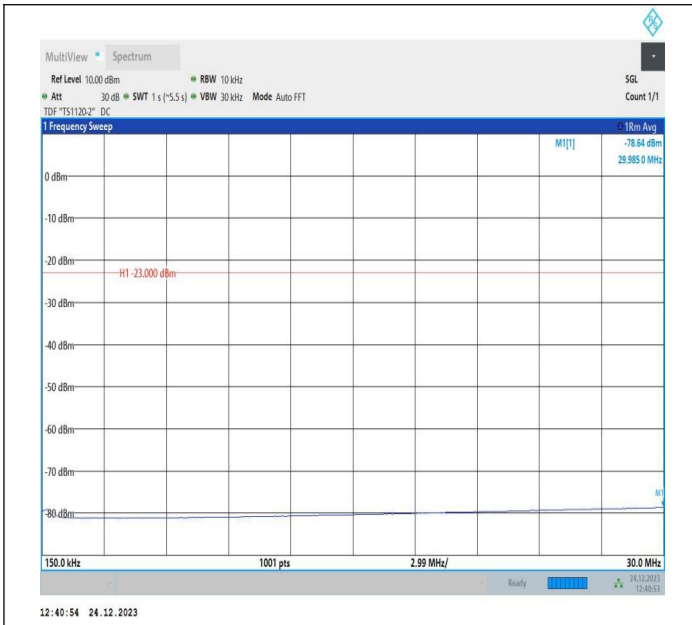
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-1RB#4  
 9-1000~3000MHz-PASS



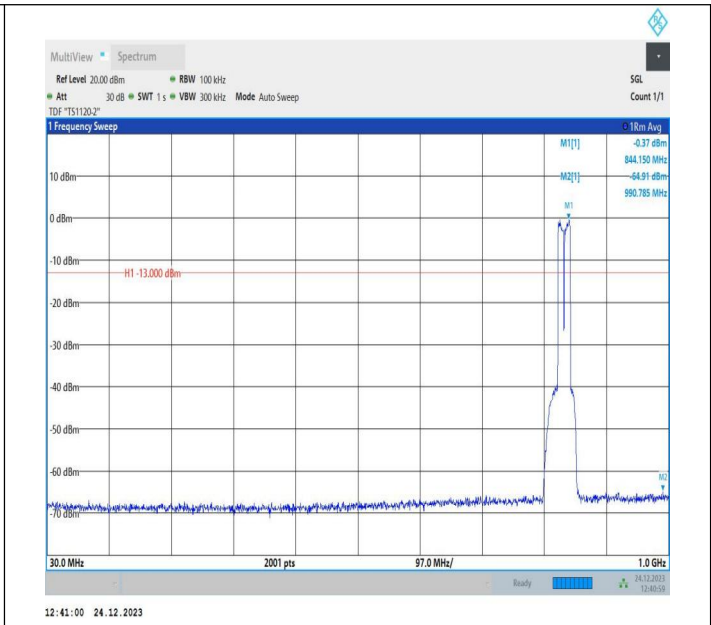
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-1RB#0-1RB#4  
 9-3000~10000MHz-PASS



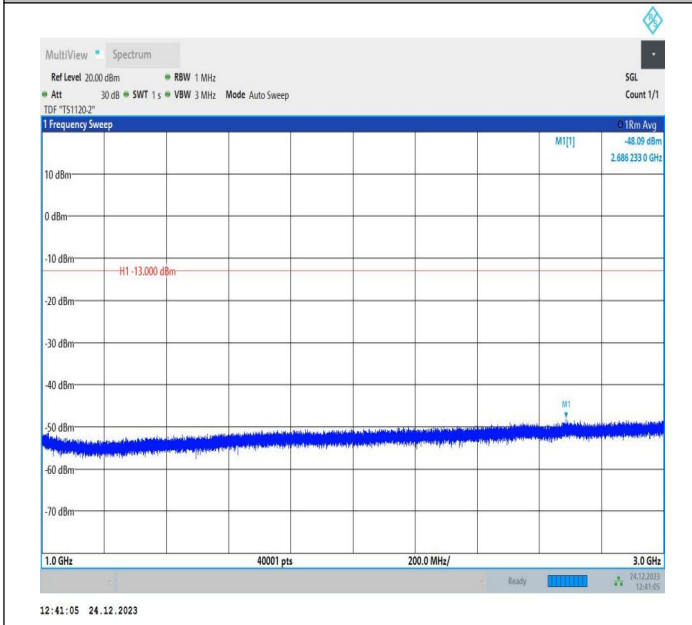
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-50RB#0-50RB  
 #0-0.009~0.15MHz-PASS



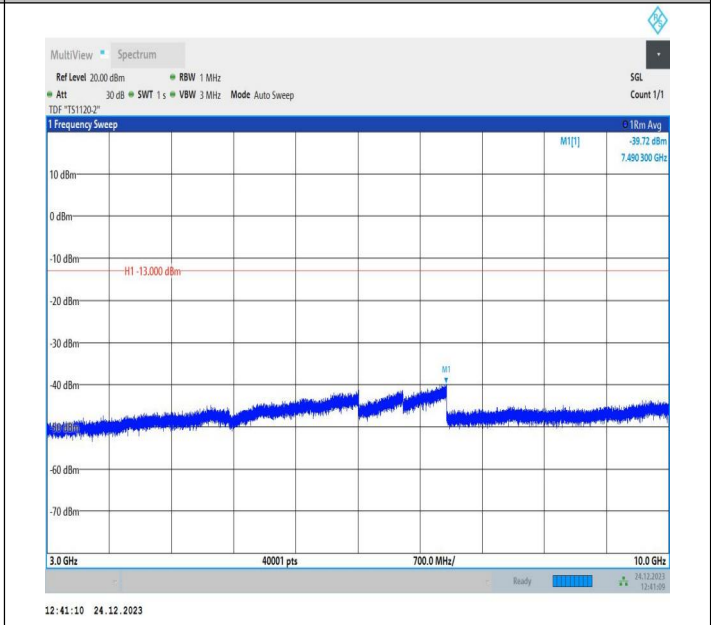
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-50RB#0-50RB  
 #0-0.15~30MHz-PASS



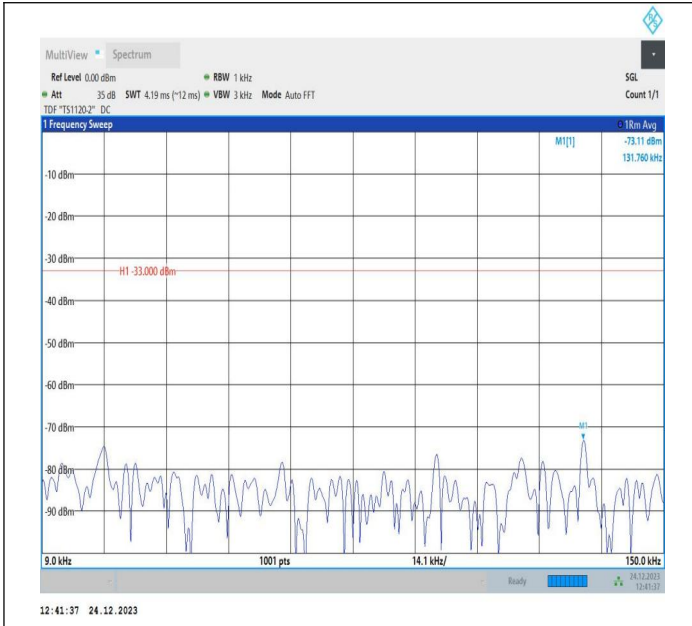
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-50RB#0-50RB  
 #0-30~1000MHz-PASS



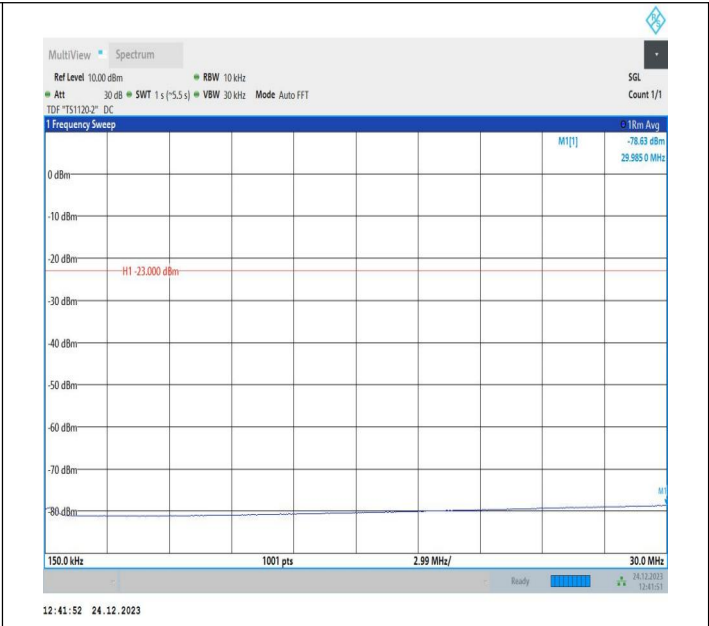
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-50RB#0-50RB  
 #0-1000~3000MHz-PASS



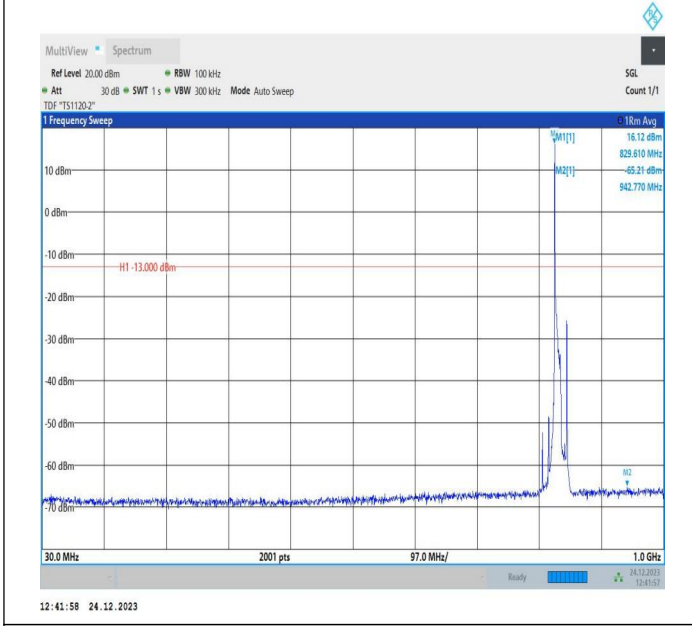
5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-50RB#0-50RB  
 #0-3000~10000MHz-PASS



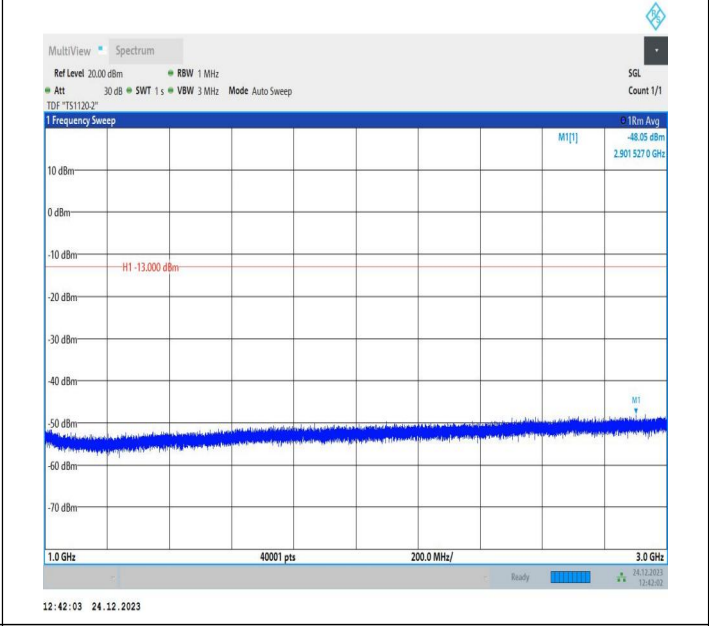
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-0RB#0  
-0.009~0.15MHz-PASS



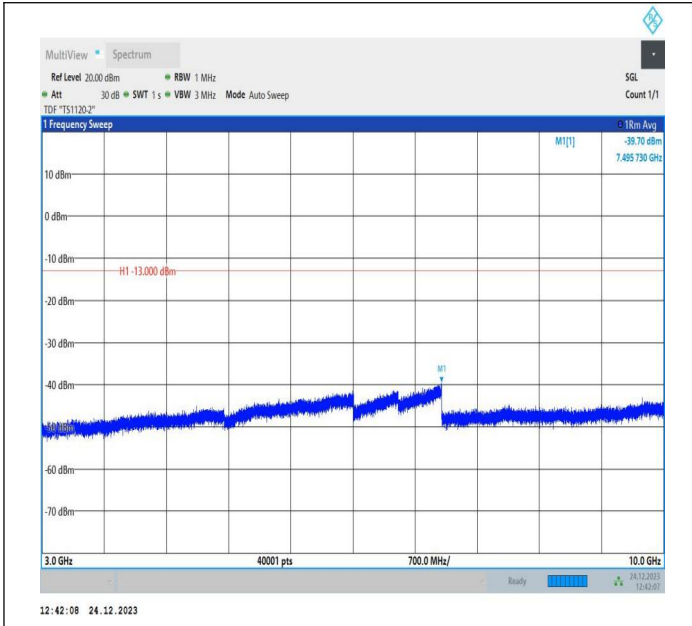
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-0RB#0  
0.15~30MHz-PASS



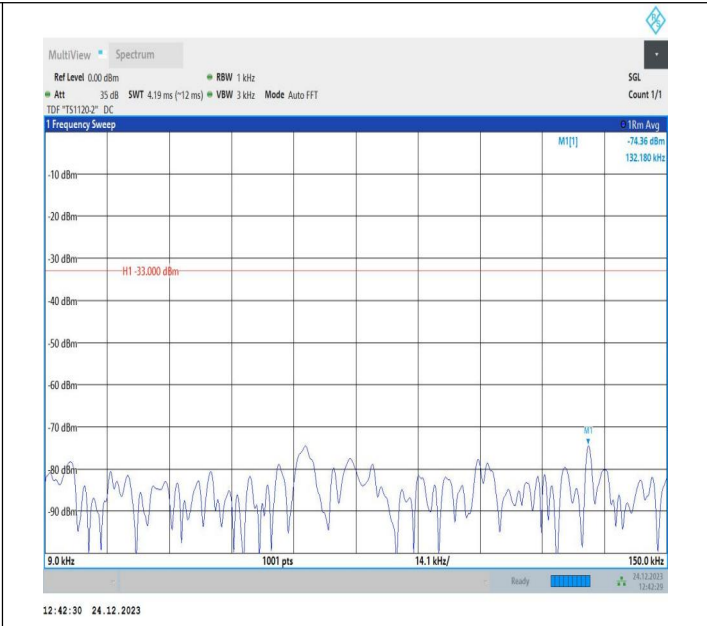
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-0RB#0  
-30~1000MHz-PASS



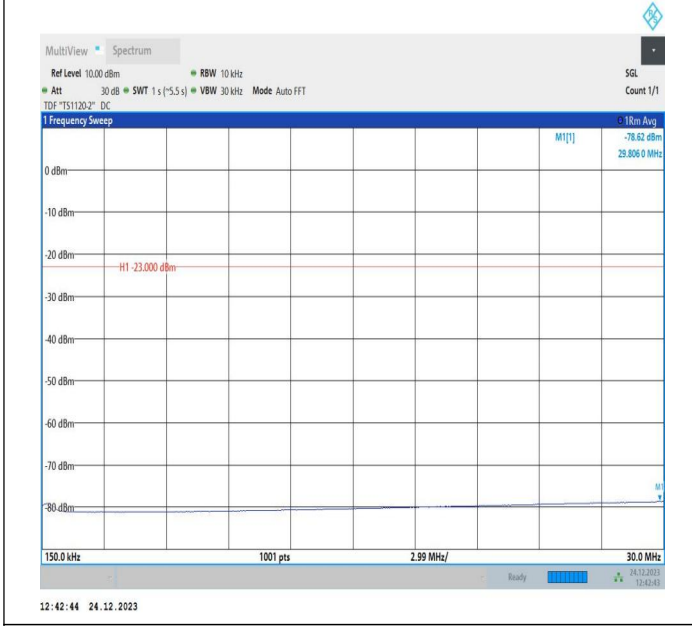
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-0RB#0  
1000~3000MHz-PASS



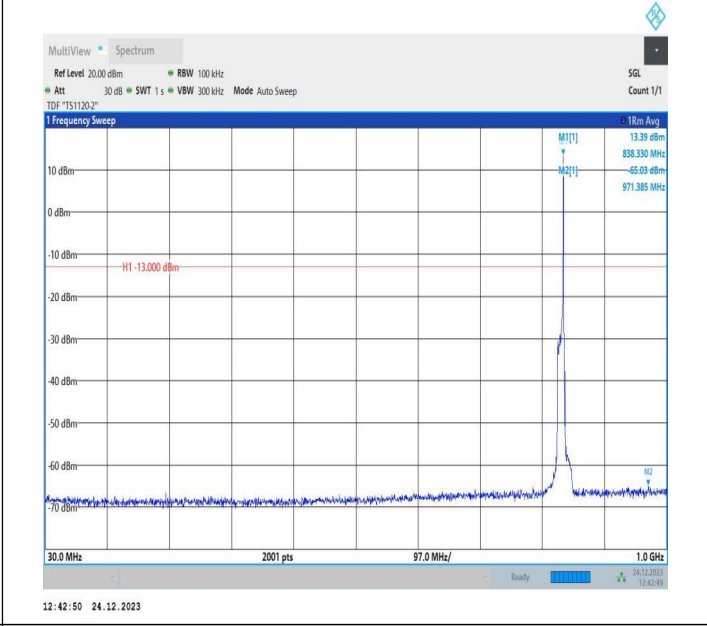
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-ORB#0  
 -3000~10000MHz-PASS



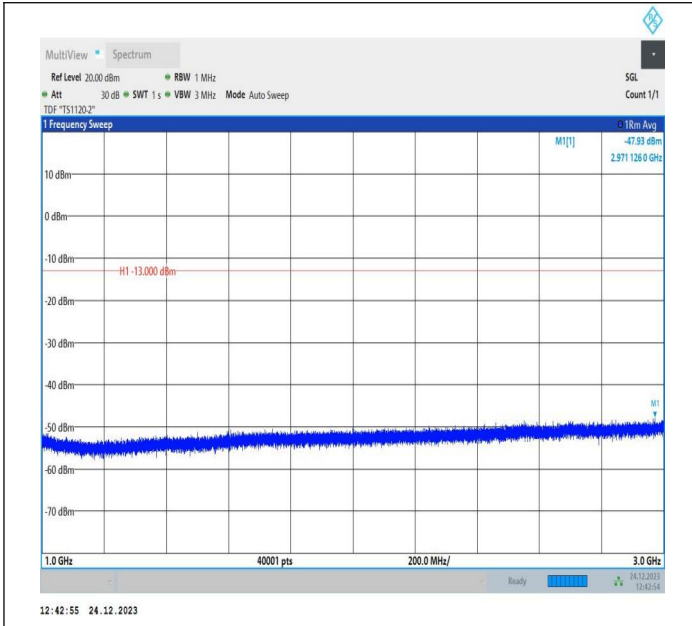
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#49-ORB#  
 0-0.009~0.15MHz-PASS



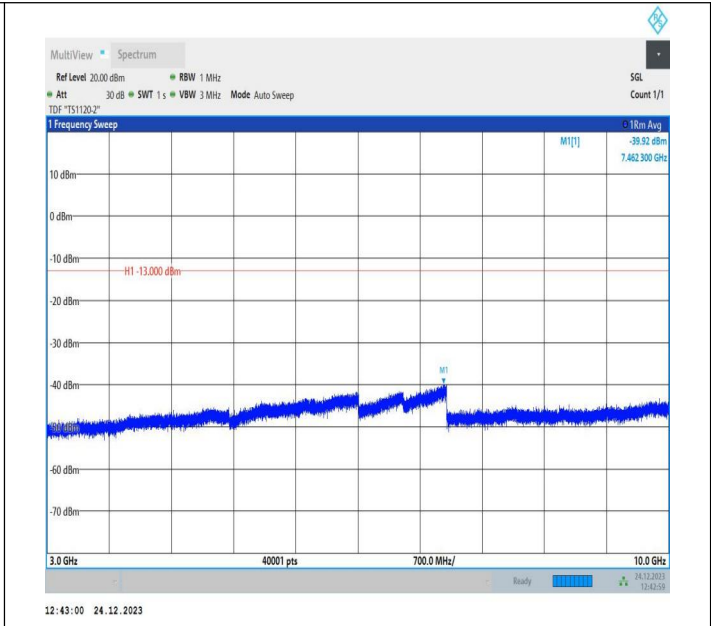
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#49-ORB#  
 0-0.15~30MHz-PASS



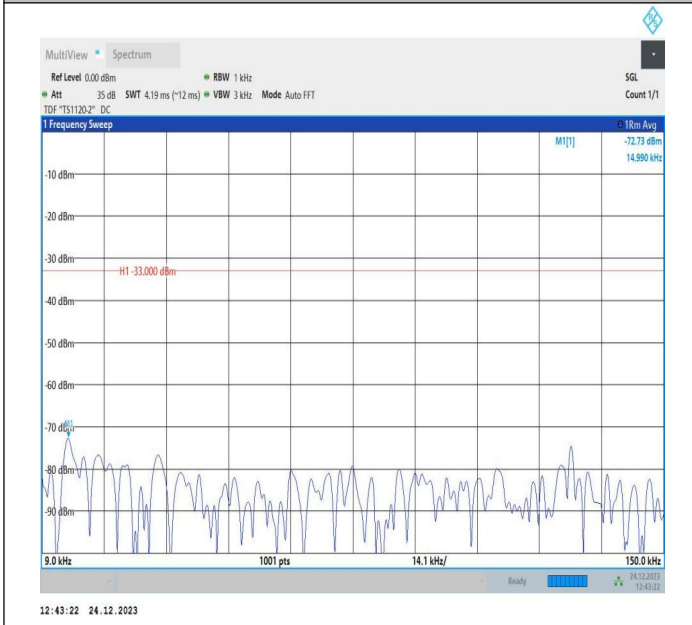
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#49-ORB#  
 0-30~1000MHz-PASS



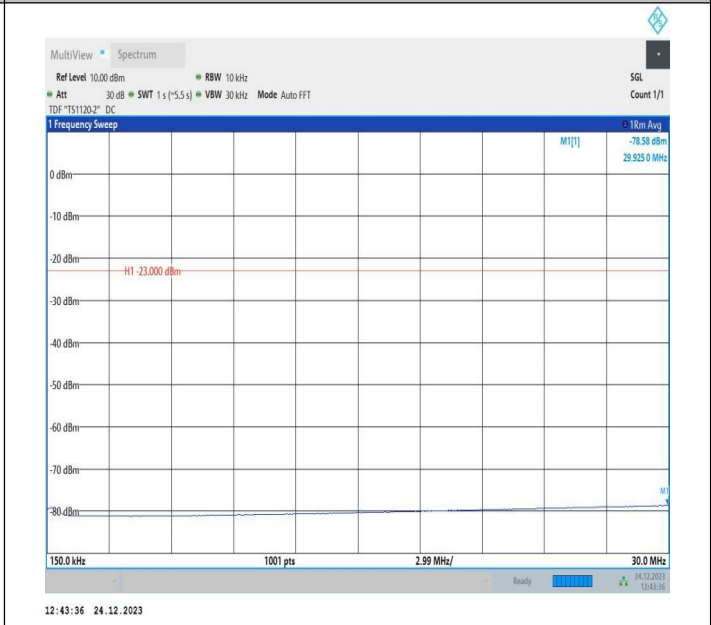
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#49-0RB#  
0-1000~3000MHz-PASS



5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#49-0RB#  
0-3000~10000MHz-PASS

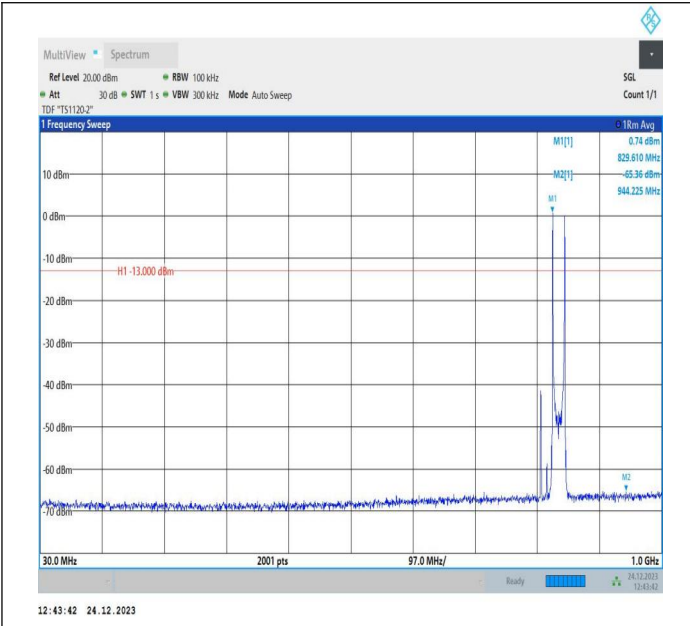


5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-1RB#4  
9-0.009~0.15MHz-PASS

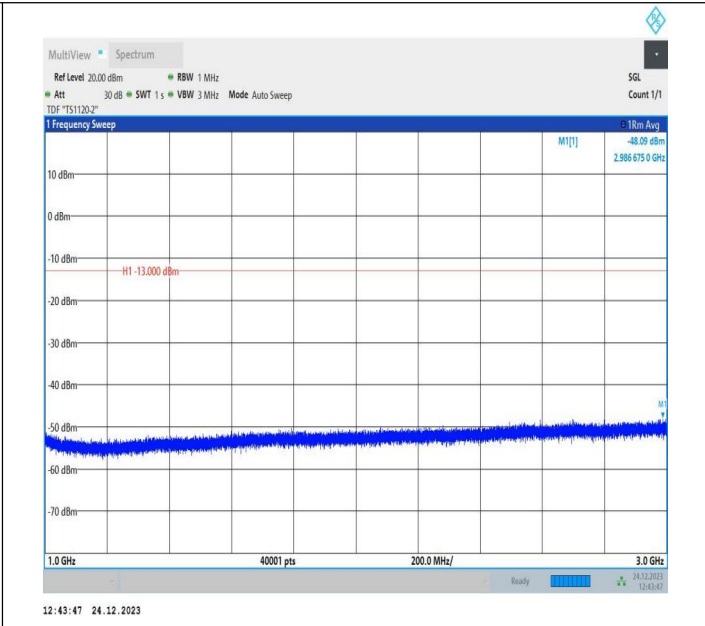


5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-1RB#4  
9-0.15~30MHz-PASS

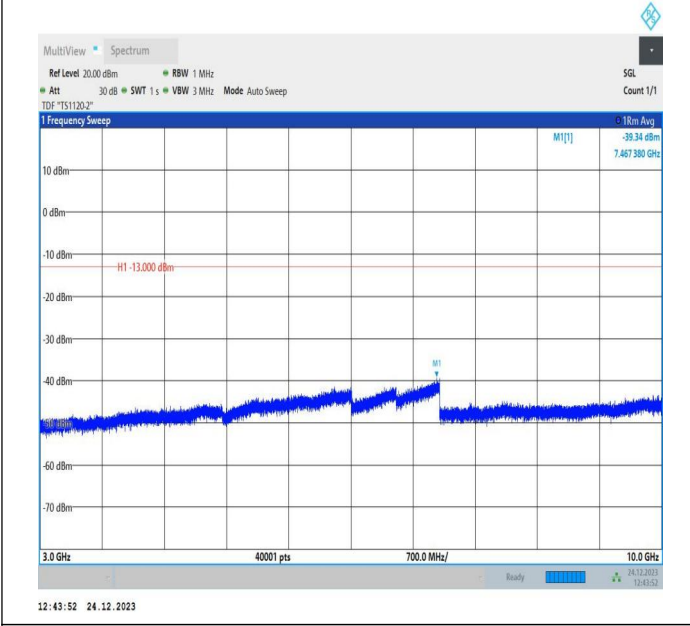




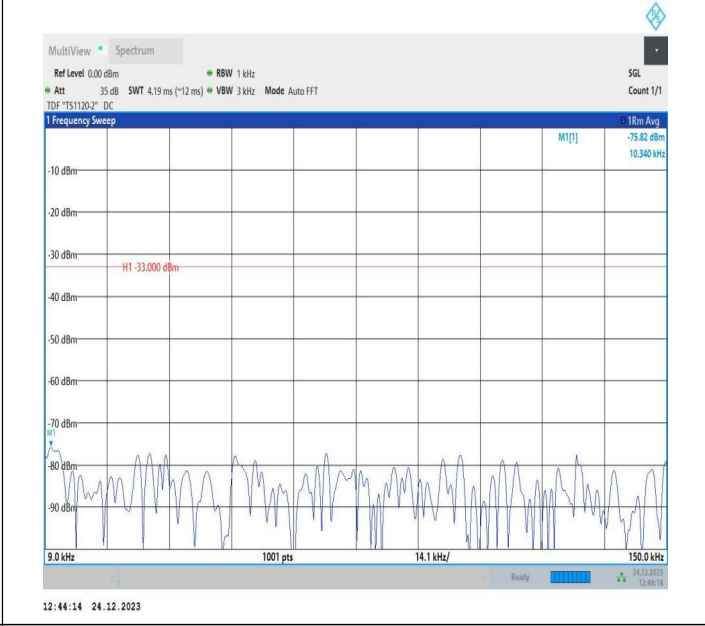
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-1RB#4  
 9-30~1000MHz-PASS



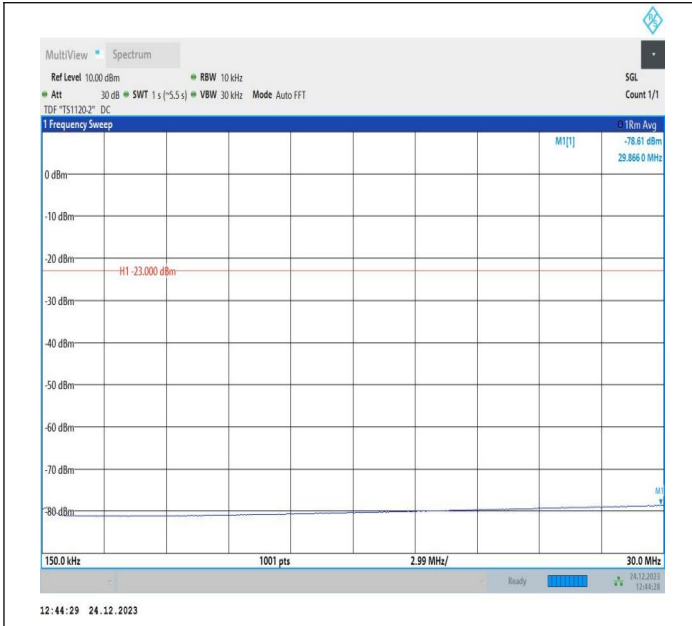
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-1RB#4  
 9-1000~3000MHz-PASS



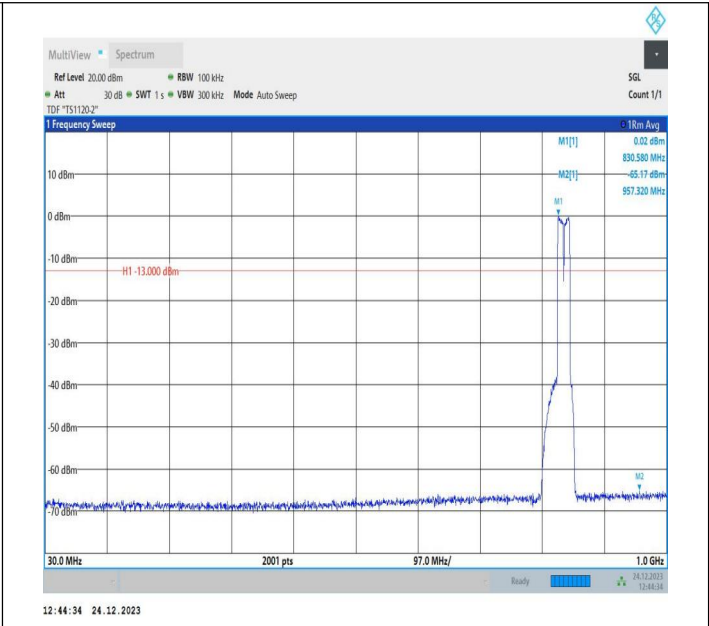
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-1RB#0-1RB#4  
 9-3000~10000MHz-PASS



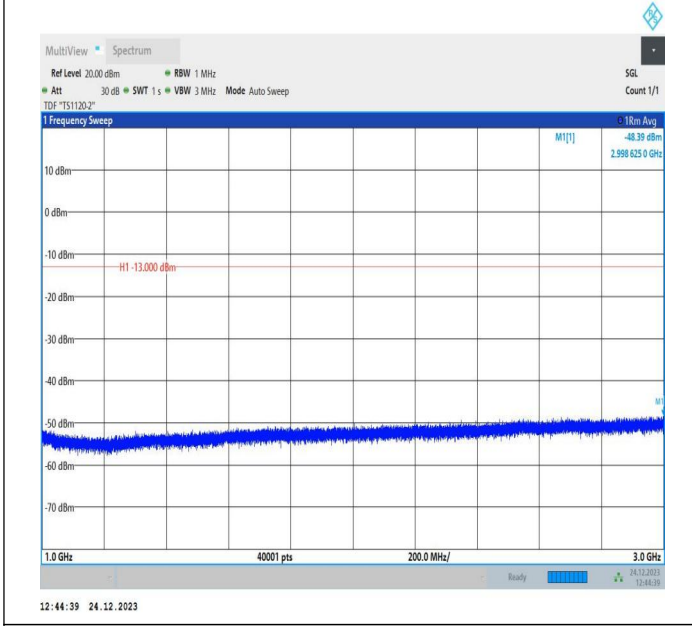
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-50RB#0-50RB  
 #0-0.009~0.15MHz-PASS



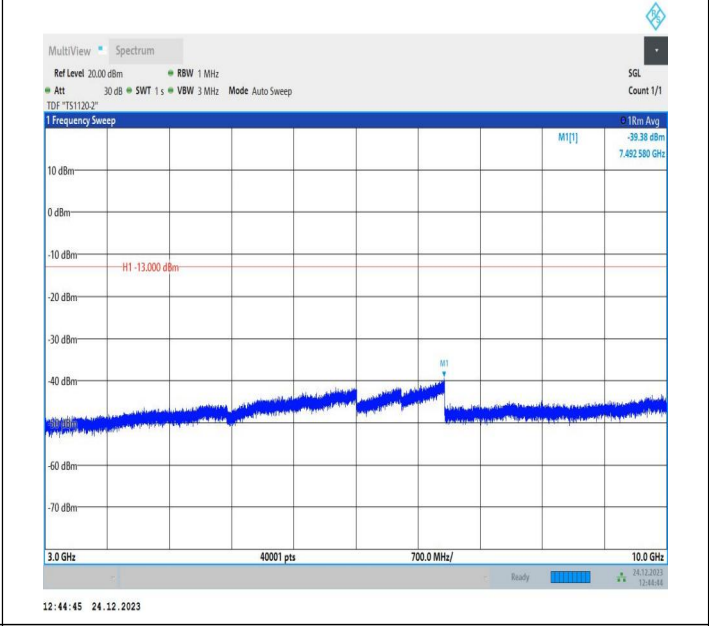
5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-50RB#0-50RB  
 #0-0.15~30MHz-PASS



5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-50RB#0-50RB  
 #0-30~1000MHz-PASS



5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-50RB#0-50RB  
 #0-1000~3000MHz-PASS



5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-50RB#0-50RB  
 #0-3000~10000MHz-PASS

## Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
5-5	3MHz-5MHz	QPSK-QPSK	20416-20455	15RB#0-25RB#0	VN	NT	-5.03	-0.006093	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-20455	15RB#0-25RB#0	VL	NT	-3.49	-0.004227	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-20455	15RB#0-25RB#0	VH	NT	4.37	0.005293	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20416-20455	15RB#0-25RB#0	VN	NT	2.43	0.002943	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20416-20455	15RB#0-25RB#0	VL	NT	-1.97	-0.002386	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20416-20455	15RB#0-25RB#0	VH	NT	-2.30	-0.002786	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20416-20455	15RB#0-25RB#0	VN	NT	2.94	0.003561	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20416-20455	15RB#0-25RB#0	VL	NT	3.03	0.003670	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20416-20455	15RB#0-25RB#0	VH	NT	1.97	0.002386	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-20540	15RB#0-25RB#0	VN	NT	-3.50	-0.004196	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-20540	15RB#0-25RB#0	VL	NT	-1.42	-0.001702	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-20540	15RB#0-25RB#0	VH	NT	2.32	0.002781	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20501-20540	15RB#0-25RB#0	VN	NT	-2.05	-0.002458	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20501-20540	15RB#0-25RB#0	VL	NT	4.32	0.005179	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20501-20540	15RB#0-25RB#0	VH	NT	1.78	0.002134	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20501-20540	15RB#0-25RB#0	VN	NT	-2.52	-0.003021	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20501-20540	15RB#0-25RB#0	VL	NT	1.53	0.001834	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20501-20540	15RB#0-25RB#0	VH	NT	2.43	0.002913	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206	15RB#0-25RB	VN	NT	4.90	0.00581	±2.5	PASS

			25	#0				5		
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	VL	NT	-4.52	-0.0053 64	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	VH	NT	2.84	0.00337 1	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	VN	NT	4.89	0.00580 3	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	VL	NT	2.49	0.00295 5	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	VH	NT	3.03	0.00359 6	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	VN	NT	2.50	0.00296 7	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	VL	NT	2.60	0.00308 6	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	VH	NT	2.41	0.00286 0	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	VN	NT	3.15	0.00381 1	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	VL	NT	3.32	0.00401 7	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	VH	NT	4.92	0.00595 3	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	VN	NT	2.26	0.00273 4	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	VL	NT	-2.21	-0.0026 74	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	VH	NT	2.04	0.00246 8	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	VN	NT	-1.76	-0.0021 29	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	VL	NT	2.36	0.00285 5	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	VH	NT	3.95	0.00477 9	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	VN	NT	-2.54	-0.0030 42	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	VL	NT	-2.96	-0.0035 45	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	VH	NT	2.54	0.00304 2	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	VN	NT	-2.25	-0.0026 95	±2.5	PASS

5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	VL	NT	2.57	0.00307 8	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	VH	NT	-2.75	-0.0032 93	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	VN	NT	-2.74	-0.0032 81	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	VL	NT	-1.40	-0.0016 77	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	VH	NT	-2.21	-0.0026 47	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	VN	NT	-3.63	-0.0043 03	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	VL	NT	-1.31	-0.0015 53	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	VH	NT	-2.42	-0.0028 69	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	VN	NT	-2.97	-0.0035 21	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	VL	NT	-3.73	-0.0044 22	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	VH	NT	1.94	0.00230 0	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	VN	NT	-2.85	-0.0033 79	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	VL	NT	-3.22	-0.0038 17	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	VH	NT	3.30	0.00391 2	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	VN	NT	10.06	0.01216 7	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	VL	NT	-11.29	-0.0136 55	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	VH	NT	11.10	0.01342 5	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	VN	NT	2.96	0.00358 0	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	VL	NT	4.23	0.00511 6	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	VH	NT	2.24	0.00270 9	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	VN	NT	3.03	0.00366 5	±2.5	PASS
5-5	5MHz-10MH	64QAM-64Q	20428-205	25RB#0-50RB	VL	NT	3.50	0.00423	±2.5	PASS

	z	AM	00	#0				3		
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	VH	NT	2.67	0.00322 9	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	VN	NT	-2.30	-0.0027 65	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	VL	NT	-2.21	-0.0026 57	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	VH	NT	2.16	0.00259 7	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	VN	NT	1.91	0.00229 6	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	VL	NT	2.71	0.00325 8	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	VH	NT	-1.85	-0.0022 24	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	VN	NT	2.89	0.00347 4	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	VL	NT	1.42	0.00170 7	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	VH	NT	2.46	0.00295 7	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	VN	NT	2.11	0.00252 2	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	VL	NT	3.87	0.00462 5	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	VH	NT	3.03	0.00362 1	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	VN	NT	5.18	0.00619 0	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	VL	NT	2.99	0.00357 3	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	VH	NT	1.30	0.00155 4	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	VN	NT	-2.53	-0.0030 23	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	VL	NT	3.46	0.00413 5	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	VH	NT	2.87	0.00343 0	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	VN	NT	6.01	0.00725 0	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	VL	NT	7.46	0.00899 9	±2.5	PASS

5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	VH	NT	-4.64	-0.0055 97	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	VN	NT	-2.73	-0.0032 93	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	VL	NT	1.86	0.00224 4	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	VH	NT	2.47	0.00297 9	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	VN	NT	-2.97	-0.0035 83	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	VL	NT	2.38	0.00287 1	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	VH	NT	-2.48	-0.0029 92	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	VN	NT	3.15	0.00377 7	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	VL	NT	2.65	0.00317 7	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	VH	NT	1.76	0.00211 0	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	VN	NT	3.26	0.00390 9	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	VL	NT	1.57	0.00188 2	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	VH	NT	2.13	0.00255 4	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	VN	NT	-3.92	-0.0047 00	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	VL	NT	-3.08	-0.0036 93	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	VH	NT	1.45	0.00173 9	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	VN	NT	1.70	0.00202 6	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	VL	NT	3.48	0.00414 8	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	VH	NT	1.72	0.00205 0	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	VN	NT	1.79	0.00213 3	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	VL	NT	3.15	0.00375 4	±2.5	PASS
5-5	10MHz-5MH	16QAM-16Q	20550-206	50RB#0-25RB	VH	NT	1.05	0.00125	±2.5	PASS

	z	AM	22	#0				1		
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	VN	NT	4.15	0.00494 6	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	VL	NT	2.03	0.00242 0	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	VH	NT	-2.22	-0.0026 46	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	VN	NT	-12.01	-0.0144 87	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	VL	NT	9.59	0.01156 8	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	VH	NT	-9.58	-0.01155 6	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	VN	NT	2.62	0.00316 0	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	VL	NT	-2.75	-0.0033 17	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	VH	NT	-2.93	-0.0035 34	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	VN	NT	1.74	0.00209 9	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	VL	NT	2.41	0.00290 7	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	VH	NT	3.68	0.00443 9	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	VN	NT	-4.09	-0.0049 18	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	VL	NT	1.34	0.00161 1	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	VH	NT	3.15	0.00378 8	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	VN	NT	4.04	0.00485 8	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	VL	NT	2.21	0.00265 8	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	VH	NT	4.60	0.00553 2	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	VN	NT	-3.31	-0.0039 80	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	VL	NT	-2.28	-0.0027 42	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	VH	NT	1.40	0.00168 4	±2.5	PASS



5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	VN	NT	-1.65	-0.0019 78	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	VL	NT	2.92	0.00350 1	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	VH	NT	2.87	0.00344 1	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	VN	NT	1.97	0.00236 2	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	VL	NT	2.42	0.00290 1	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	VH	NT	3.25	0.00389 6	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	VN	NT	1.90	0.00227 8	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	VL	NT	3.22	0.00386 0	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	VH	NT	2.50	0.00299 7	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	-50	5.57	0.00674 7	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	-30	5.43	0.00657 7	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	-20	-6.00	-0.0072 67	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	-10	5.13	0.00621 4	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	0	-4.79	-0.0058 02	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	10	-2.45	-0.0029 68	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	20	3.95	0.00478 4	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	NV	30	-5.07	-0.0061 41	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	-50	-2.92	-0.0035 37	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	-30	-1.60	-0.0019 38	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q	20416-204	15RB#0-25RB	NV	-20	1.80	0.00218	±2.5	PASS

		AM	55	#0				0		
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	-10	4.42	0.00535 4	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	0	-2.42	-0.0029 31	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	10	3.37	0.00408 2	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	20	-1.50	-0.0018 17	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20416-204 55	15RB#0-25RB #0	NV	30	-3.36	-0.0040 70	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	-50	-3.88	-0.0047 00	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	-30	-3.18	-0.0038 52	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	-20	-2.04	-0.0024 71	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	-10	-3.34	-0.0040 46	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	0	-3.29	-0.0039 85	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	10	1.48	0.00179 3	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	20	-1.69	-0.0020 47	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20416-204 55	15RB#0-25RB #0	NV	30	3.14	0.00380 3	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	-50	-3.61	-0.0043 28	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	-30	-2.64	-0.0031 65	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	-20	-3.11	-0.0037 29	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	-10	-2.07	-0.0024 82	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	0	2.34	0.00280 5	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	10	-3.19	-0.0038 24	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	20	-3.11	-0.0037 29	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	NV	30	-2.36	-0.0028 29	±2.5	PASS

5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	-50	2.06	0.00247 0	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	-30	-1.59	-0.0019 06	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	-20	2.46	0.00294 9	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	-10	2.71	0.00324 9	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	0	-4.02	-0.0048 20	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	10	-2.14	-0.0025 66	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	20	1.79	0.00214 6	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20501-205 40	15RB#0-25RB #0	NV	30	-2.69	-0.0032 25	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	-50	2.49	0.00298 5	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	-30	-2.84	-0.0034 05	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	-20	-1.73	-0.0020 74	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	-10	1.78	0.00213 4	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	0	3.28	0.00393 2	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	10	-2.26	-0.0027 10	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	20	-2.37	-0.0028 41	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20501-205 40	15RB#0-25RB #0	NV	30	-2.75	-0.0032 97	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	-50	-4.32	-0.0051 27	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	-30	-2.70	-0.0032 04	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	-20	2.73	0.00324 0	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	-10	-3.81	-0.0045 22	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	0	-2.81	-0.0033 35	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206	15RB#0-25RB	NV	10	-2.23	-0.0026	±2.5	PASS

			25	#0				47		
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	20	-2.63	-0.0031 21	±2.5	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	NV	30	2.74	0.00325 2	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	-50	-2.22	-0.0026 35	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	-30	3.80	0.00451 0	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	-20	3.51	0.00416 6	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	-10	2.27	0.00269 4	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	0	1.66	0.00197 0	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	10	-2.38	-0.0028 25	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	20	-2.49	-0.0029 55	±2.5	PASS
5-5	3MHz-5MHz	16QAM-16Q AM	20586-206 25	15RB#0-25RB #0	NV	30	2.76	0.00327 6	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	-50	2.88	0.00341 8	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	-30	-1.86	-0.0022 07	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	-20	2.83	0.00335 9	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	-10	-3.22	-0.0038 22	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	0	-3.61	-0.0042 84	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	10	3.20	0.00379 8	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	20	-1.90	-0.0022 55	±2.5	PASS
5-5	3MHz-5MHz	64QAM-64Q AM	20586-206 25	15RB#0-25RB #0	NV	30	1.56	0.00185 1	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	-50	-2.94	-0.0035 57	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	-30	-2.70	-0.0032 67	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	-20	2.17	0.00262 6	±2.5	PASS

5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	-10	3.58	0.00433 2	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	0	4.05	0.00490 0	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	10	-4.32	-0.0052 27	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	20	4.40	0.00532 4	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-204 64	25RB#0-15RB #0	NV	30	3.92	0.00474 3	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	-50	1.43	0.00173 0	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	-30	-1.98	-0.0023 96	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	-20	-1.73	-0.0020 93	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	-10	-4.33	-0.0052 39	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	0	-2.82	-0.0034 12	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	10	2.12	0.00256 5	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	20	2.09	0.00252 9	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20425-204 64	25RB#0-15RB #0	NV	30	-1.62	-0.0019 60	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	-50	3.59	0.00434 4	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	-30	-2.48	-0.0030 01	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	-20	2.63	0.00318 2	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	-10	1.45	0.00175 4	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	0	1.85	0.00223 8	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	10	2.87	0.00347 2	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	20	2.74	0.00331 5	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20425-204 64	25RB#0-15RB #0	NV	30	2.57	0.00310 9	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205	25RB#0-15RB	NV	-50	1.47	0.00176	±2.5	PASS

			49	#0				0		
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	-30	-2.73	-0.0032 69	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	-20	-1.82	-0.0021 80	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	-10	-2.31	-0.0027 66	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	0	-2.61	-0.0031 26	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	10	-3.60	-0.00431 1	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	20	-1.81	-0.0021 68	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-205 49	25RB#0-15RB #0	NV	30	2.22	0.00265 9	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	-50	-1.86	-0.0022 28	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	-30	-2.24	-0.0026 83	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	-20	1.48	0.00177 2	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	-10	2.21	0.00264 7	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	0	4.52	0.00541 3	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	10	2.24	0.00268 3	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	20	2.95	0.00353 3	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20510-205 49	25RB#0-15RB #0	NV	30	1.70	0.00203 6	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	-50	-3.34	-0.0040 00	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	-30	2.63	0.00315 0	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	-20	2.38	0.00285 0	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	-10	-2.36	-0.0028 26	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	0	-1.80	-0.0021 56	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	10	-2.87	-0.0034 37	±2.5	PASS

5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	20	2.55	0.00305 4	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20510-205 49	25RB#0-15RB #0	NV	30	2.21	0.00264 7	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	-50	-3.31	-0.0039 24	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	-30	-3.24	-0.0038 41	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	-20	2.49	0.00295 2	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	-10	2.89	0.00342 6	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	0	-2.89	-0.0034 26	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	10	-1.63	-0.0019 32	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	20	-2.42	-0.0028 69	±2.5	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-206 34	25RB#0-15RB #0	NV	30	3.45	0.00409 0	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	-50	-2.39	-0.0028 33	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	-30	-3.52	-0.0041 73	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	-20	-2.27	-0.0026 91	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	-10	3.31	0.00392 4	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	0	-3.10	-0.0036 75	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	10	-3.16	-0.0037 46	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	20	-3.24	-0.0038 41	±2.5	PASS
5-5	5MHz-3MHz	16QAM-16Q AM	20595-206 34	25RB#0-15RB #0	NV	30	-2.18	-0.0025 84	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	-50	2.67	0.00316 5	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	-30	2.15	0.00254 9	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	-20	-3.19	-0.0037 82	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q	20595-206	25RB#0-15RB	NV	-10	-3.33	-0.0039	±2.5	PASS

		AM	34	#0				48		
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	0	-3.07	-0.0036 40	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	10	-2.60	-0.0030 82	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	20	-3.31	-0.0039 24	±2.5	PASS
5-5	5MHz-3MHz	64QAM-64Q AM	20595-206 34	25RB#0-15RB #0	NV	30	1.73	0.00205 1	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	-50	11.84	0.01432 0	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	-30	-5.60	-0.0067 73	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	-20	9.00	0.01088 5	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	-10	8.23	0.00995 4	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	0	8.68	0.01049 8	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	10	6.73	0.00814 0	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	20	-6.28	-0.0075 96	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20428-205 00	25RB#0-50RB #0	NV	30	6.78	0.00820 0	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	-50	2.99	0.00361 6	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	-30	-2.38	-0.0028 79	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	-20	-1.49	-0.0018 02	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	-10	-2.62	-0.0031 69	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	0	-2.82	-0.00341 1	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	10	-1.93	-0.0023 34	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	20	2.36	0.00285 4	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20428-205 00	25RB#0-50RB #0	NV	30	-1.41	-0.0017 05	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	-50	2.09	0.00252 8	±2.5	PASS



5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	-30	2.49	0.00301 2	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	-20	3.08	0.00372 5	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	-10	3.14	0.00379 8	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	0	3.22	0.00389 5	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	10	-1.11	-0.0013 43	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	20	2.24	0.00270 9	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20428-205 00	25RB#0-50RB #0	NV	30	-2.14	-0.0025 88	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	-50	-2.55	-0.0030 66	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	-30	1.93	0.00232 0	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	-20	1.44	0.00173 1	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	-10	2.78	0.00334 2	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	0	2.52	0.00303 0	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	10	2.73	0.00328 2	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	20	3.26	0.00391 9	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20478-205 50	25RB#0-50RB #0	NV	30	-3.96	-0.0047 61	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	-50	1.63	0.00196 0	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	-30	2.76	0.00331 8	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	-20	-1.28	-0.0015 39	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	-10	1.60	0.00192 4	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	0	1.39	0.00167 1	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	10	-2.64	-0.0031 74	±2.5	PASS
5-5	5MHz-10MH	16QAM-16Q	20478-205	25RB#0-50RB	NV	20	1.50	0.00180	±2.5	PASS

	z	AM	50	#0				3		
5-5	5MHz-10MH z	16QAM-16Q AM	20478-205 50	25RB#0-50RB #0	NV	30	4.38	0.00526 6	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	-50	3.02	0.00363 1	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	-30	3.06	0.00367 9	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	-20	2.49	0.00299 4	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	-10	2.82	0.00339 0	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	0	2.74	0.00329 4	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	10	1.97	0.00236 8	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	20	2.57	0.00309 0	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20478-205 50	25RB#0-50RB #0	NV	30	1.55	0.00186 3	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	-50	2.72	0.00325 0	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	-30	2.88	0.00344 2	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	-20	2.68	0.00320 3	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	-10	3.40	0.00406 3	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	0	1.68	0.00200 8	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	10	2.27	0.00271 3	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	20	-4.04	-0.0048 28	±2.5	PASS
5-5	5MHz-10MH z	QPSK-QPSK	20528-206 00	25RB#0-50RB #0	NV	30	3.45	0.00412 3	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	-50	1.94	0.00231 8	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	-30	-2.82	-0.0033 70	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	-20	-3.13	-0.0037 40	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	-10	-1.45	-0.0017 33	±2.5	PASS

5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	0	2.20	0.00262 9	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	10	2.83	0.00338 2	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	20	2.02	0.00241 4	±2.5	PASS
5-5	5MHz-10MH z	16QAM-16Q AM	20528-206 00	25RB#0-50RB #0	NV	30	-1.75	-0.0020 91	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	-50	-2.24	-0.0026 77	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	-30	3.09	0.00369 3	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	-20	-2.56	-0.0030 59	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	-10	3.23	0.00386 0	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	0	-3.37	-0.0040 27	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	10	2.56	0.00305 9	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	20	-2.08	-0.0024 86	±2.5	PASS
5-5	5MHz-10MH z	64QAM-64Q AM	20528-206 00	25RB#0-50RB #0	NV	30	2.74	0.00327 4	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	-50	9.71	0.01171 3	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	-30	8.93	0.01077 2	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	-20	11.44	0.01380 0	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	-10	-6.40	-0.0077 20	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	0	6.70	0.00808 2	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	10	7.69	0.00927 6	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	20	7.24	0.00873 3	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	NV	30	-6.80	-0.0082 03	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	-50	-1.96	-0.0023 64	±2.5	PASS
5-5	10MHz-5MH	16QAM-16Q	20450-205	50RB#0-25RB	NV	-30	-2.96	-0.0035	±2.5	PASS

	z	AM	22	#0				71		
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	-20	-2.46	-0.0029 67	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	-10	2.02	0.00243 7	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	0	-2.52	-0.0030 40	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	10	1.91	0.00230 4	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	20	2.45	0.00295 5	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20450-205 22	50RB#0-25RB #0	NV	30	2.52	0.00304 0	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	-50	1.43	0.00172 5	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	-30	2.92	0.00352 2	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	-20	2.70	0.00325 7	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	-10	-2.60	-0.0031 36	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	0	2.44	0.00294 3	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	10	-3.15	-0.0038 00	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	20	2.16	0.00260 6	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20450-205 22	50RB#0-25RB #0	NV	30	-0.96	-0.00115 8	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	-50	2.31	0.00277 0	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	-30	-2.11	-0.0025 30	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	-20	2.60	0.00311 8	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	-10	-1.90	-0.0022 78	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	0	2.81	0.00336 9	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	10	2.71	0.00324 9	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	20	-4.12	-0.0049 40	±2.5	PASS

5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	NV	30	2.01	0.00241 0	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	-50	2.29	0.00274 6	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	-30	3.65	0.00437 6	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	-20	2.34	0.00280 6	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	-10	2.41	0.00289 0	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	0	2.61	0.00312 9	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	10	-2.24	-0.0026 86	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	20	-1.89	-0.0022 66	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20500-205 72	50RB#0-25RB #0	NV	30	2.81	0.00336 9	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	-50	2.19	0.00262 6	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	-30	1.62	0.00194 2	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	-20	1.53	0.00183 5	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	-10	2.00	0.00239 8	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	0	2.72	0.00326 1	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	10	1.94	0.00232 6	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	20	-3.71	-0.0044 48	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20500-205 72	50RB#0-25RB #0	NV	30	3.37	0.00404 1	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	-50	1.95	0.00232 4	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	-30	-2.46	-0.0029 32	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	-20	2.33	0.00277 7	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	-10	1.04	0.00124 0	±2.5	PASS
5-5	10MHz-5MH	QPSK-QPSK	20550-206	50RB#0-25RB	NV	0	-1.10	-0.00131	±2.5	PASS

	z		22	#0				1		
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	10	2.49	0.00296 8	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	20	2.97	0.00354 0	±2.5	PASS
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	NV	30	1.66	0.00197 9	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	-50	-2.55	-0.0030 39	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	-30	1.96	0.00233 6	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	-20	-1.81	-0.0021 57	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	-10	1.45	0.00172 8	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	0	2.66	0.00317 0	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	10	-2.35	-0.0028 01	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	20	3.10	0.00369 5	±2.5	PASS
5-5	10MHz-5MH z	16QAM-16Q AM	20550-206 22	50RB#0-25RB #0	NV	30	1.86	0.00221 7	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	-50	-1.87	-0.0022 29	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	-30	-2.57	-0.0030 63	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	-20	2.49	0.00296 8	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	-10	2.36	0.00281 3	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	0	2.87	0.00342 1	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	10	3.04	0.00362 3	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	20	2.22	0.00264 6	±2.5	PASS
5-5	10MHz-5MH z	64QAM-64Q AM	20550-206 22	50RB#0-25RB #0	NV	30	2.47	0.00294 4	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	-50	7.91	0.00954 2	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	-30	9.17	0.01106 2	±2.5	PASS

5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	-20	-5.97	-0.0072 01	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	-10	7.65	0.00922 8	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	0	10.76	0.01297 9	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	10	12.91	0.01557 3	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	20	5.27	0.00635 7	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20450-205 49	50RB#0-50RB #0	NV	30	10.74	0.01295 5	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	-50	1.07	0.00129 1	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	-30	-1.82	-0.0021 95	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	-20	1.75	0.00211 1	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	-10	-1.18	-0.0014 23	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	0	-1.74	-0.0020 99	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	10	3.66	0.00441 5	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	20	2.60	0.00313 6	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20450-205 49	50RB#0-50RB #0	NV	30	2.47	0.00297 9	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	-50	1.59	0.00191 8	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	-30	1.40	0.00168 9	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	-20	2.34	0.00282 3	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	-10	2.36	0.00284 7	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	0	-1.57	-0.0018 94	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	10	-1.96	-0.0023 64	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	20	2.71	0.00326 9	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20450-205 49	50RB#0-50RB #0	NV	30	2.30	0.00277	±2.5	PASS

	Hz	AM	49	#0				4		
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	-50	-2.79	-0.0033 55	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	-30	-4.77	-0.0057 36	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	-20	3.78	0.00454 5	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	-10	1.81	0.00217 7	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	0	-1.85	-0.0022 25	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	10	4.41	0.00530 3	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	20	3.06	0.00368 0	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20476-205 75	50RB#0-50RB #0	NV	30	3.64	0.00437 7	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	-50	2.63	0.00316 3	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	-30	3.17	0.00381 2	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	-20	3.15	0.00378 8	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	-10	3.39	0.00407 6	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	0	2.77	0.00333 1	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	10	4.46	0.00536 3	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	20	3.16	0.00380 0	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20476-205 75	50RB#0-50RB #0	NV	30	2.03	0.00244 1	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	-50	2.05	0.00246 5	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	-30	-2.86	-0.0034 39	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	-20	2.79	0.00335 5	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	-10	-3.07	-0.0036 92	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	0	2.79	0.00335 5	±2.5	PASS



5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	10	-2.27	-0.0027 30	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	20	-2.19	-0.0026 33	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20476-205 75	50RB#0-50RB #0	NV	30	2.98	0.00358 3	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	-50	2.74	0.00328 5	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	-30	1.94	0.00232 6	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	-20	-3.17	-0.0038 01	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	-10	2.86	0.00342 9	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	0	-1.99	-0.0023 86	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	10	4.43	0.00531 1	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	20	2.44	0.00292 5	±2.5	PASS
5-5	10MHz-10M Hz	QPSK-QPSK	20501-206 00	50RB#0-50RB #0	NV	30	-5.97	-0.0071 57	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	-50	3.90	0.00467 6	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	-30	2.77	0.00332 1	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	-20	2.50	0.00299 7	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	-10	2.76	0.00330 9	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	0	-2.54	-0.0030 45	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	10	3.04	0.00364 5	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	20	-2.55	-0.0030 57	±2.5	PASS
5-5	10MHz-10M Hz	16QAM-16Q AM	20501-206 00	50RB#0-50RB #0	NV	30	2.69	0.00322 5	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	-50	2.42	0.00290 1	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	-30	1.56	0.00187 0	±2.5	PASS
5-5	10MHz-10M	64QAM-64Q	20501-206	50RB#0-50RB	NV	-20	1.79	0.00214	±2.5	PASS

	Hz	AM	00	#0				6		
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	-10	2.85	0.00341 7	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	0	1.73	0.00207 4	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	10	3.31	0.00396 8	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	20	-1.91	-0.0022 90	±2.5	PASS
5-5	10MHz-10M Hz	64QAM-64Q AM	20501-206 00	50RB#0-50RB #0	NV	30	2.39	0.00286 5	±2.5	PASS