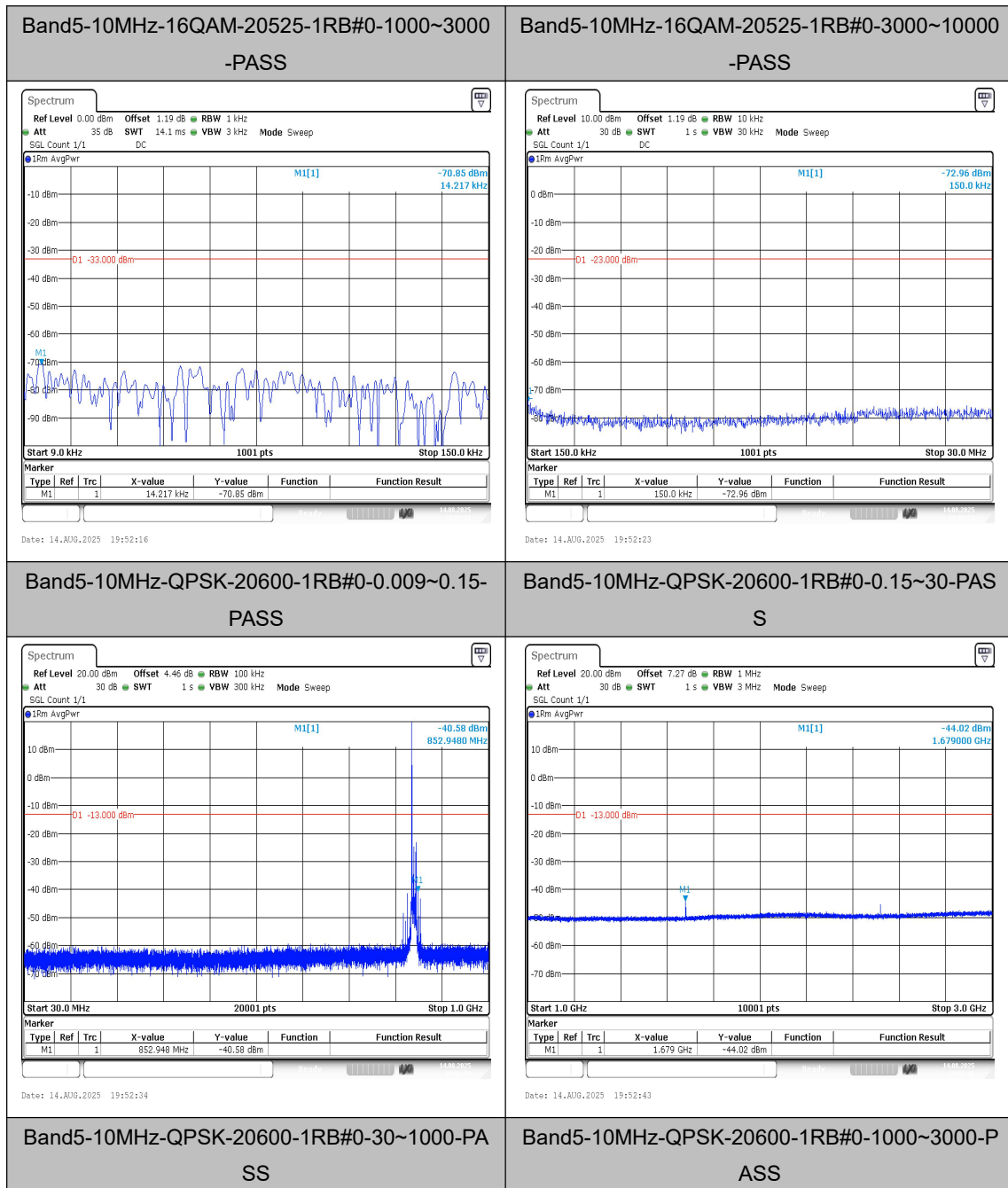
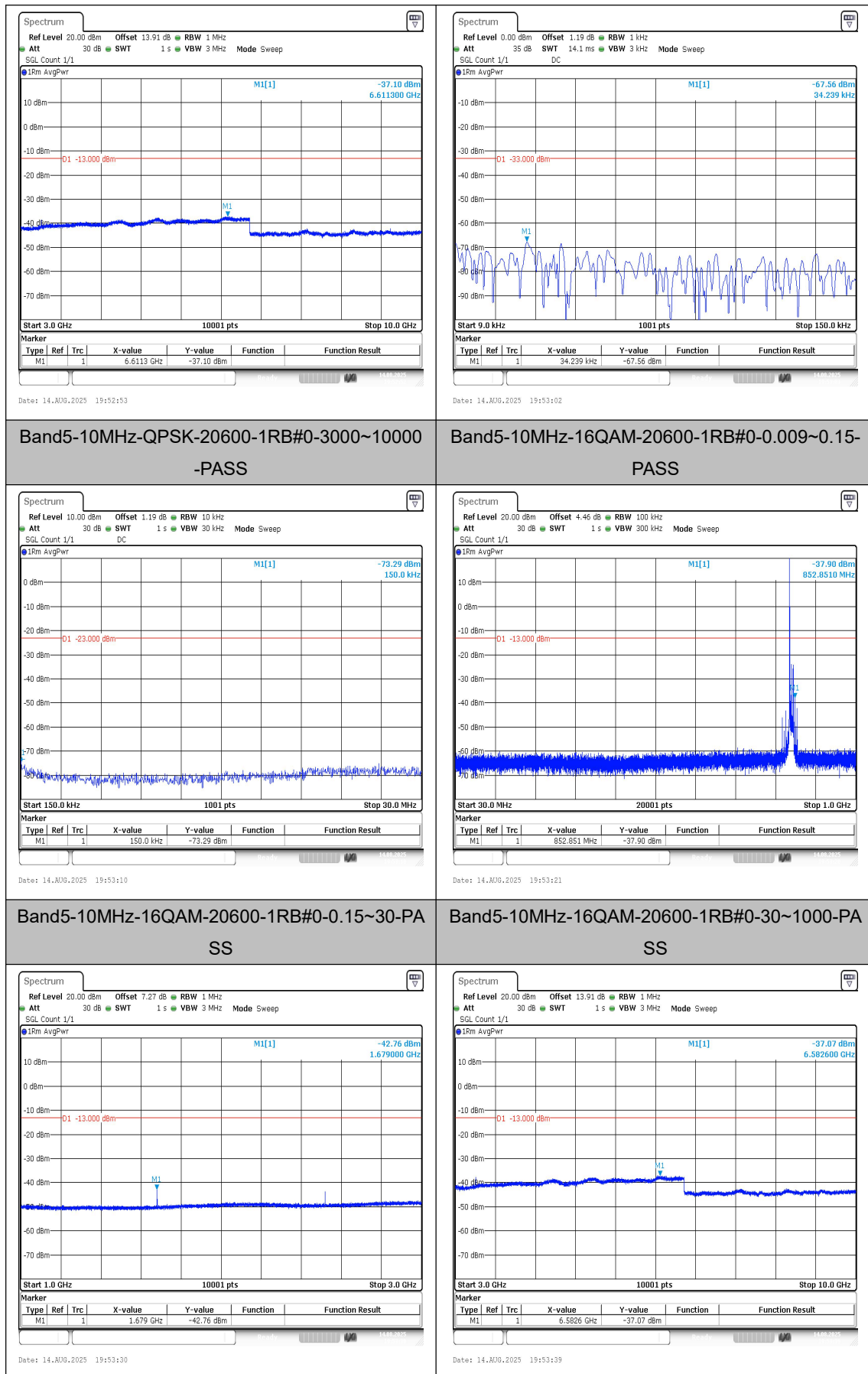






Band5-10MHz-16QAM-20600-1RB#0-1000~3000 -PASS	Band5-10MHz-16QAM-20600-1RB#0-3000~10000 -PASS
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Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	11.17	0.013544	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	21.00	0.025464	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-10.51	-0.012744	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	24.13	0.029259	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-24.00	-0.029101	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-12.07	-0.014636	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-26.15	-0.031709	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-6.25	-0.007579	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	15.96	0.019352	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	11.17	0.013544	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	12.73	0.015436	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	28.11	0.034085	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	17.52	0.021244	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	11.39	0.013811	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	19.81	0.024021	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	23.09	0.027998	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	9.73	0.011798	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	6.17	0.007482	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	18.17	0.021721	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	7.93	0.009480	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	19.44	0.023240	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	18.42	0.022020	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	7.95	0.009504	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	9.73	0.011632	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	11.19	0.013377	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	14.13	0.016892	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	4.58	0.005475	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-15.69	-0.018757	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-27.38	-0.032732	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-12.52	-0.014967	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-11.56	-0.013819	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-21.56	-0.025774	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-17.68	-0.021136	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-20.59	-0.024614	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-13.82	-0.016521	±2.5	PASS

Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-16.38	-0.019582	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	7.24	0.008535	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	27.77	0.032736	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	6.81	0.008028	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	23.88	0.028150	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	22.34	0.026335	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	5.75	0.006778	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	21.30	0.025109	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	16.57	0.019533	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	22.47	0.026488	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-9.71	-0.011446	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-1.70	-0.002004	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-23.70	-0.027938	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-3.79	-0.004468	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-7.38	-0.008700	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	8.90	0.010492	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-7.27	-0.008570	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	14.42	0.016999	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	27.09	0.031934	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	12.45	0.015082	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	6.24	0.007559	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	5.14	0.006227	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	9.66	0.011702	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	17.85	0.021623	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	15.56	0.018849	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	8.98	0.010878	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	4.72	0.005718	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	8.60	0.010418	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-13.38	-0.016208	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-13.20	-0.015990	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-18.85	-0.022835	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	2.92	0.003537	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	16.84	0.020400	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-16.97	-0.020557	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-7.88	-0.009546	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-1.85	-0.002241	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-21.87	-0.026493	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	21.54	0.025750	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	7.52	0.008990	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	2.62	0.003132	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-10.99	-0.013138	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	10	-6.01	-0.007185	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	11.46	0.013700	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	22.66	0.027089	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-21.56	-0.025774	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-9.08	-0.010855	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	11.77	0.014071	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	21.43	0.025619	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	26.35	0.031500	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	20.37	0.024351	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	7.07	0.008452	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	24.79	0.029635	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	25.58	0.030580	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	9.43	0.011273	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	9.06	0.010831	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	6.19	0.007304	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	30.07	0.035481	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	23.66	0.027917	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	16.21	0.019127	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	22.37	0.026395	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	22.26	0.026265	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	26.72	0.031528	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	7.20	0.008496	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	14.36	0.016944	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-14.81	-0.017475	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	2.09	0.002466	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	7.80	0.009204	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-11.12	-0.013121	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-5.46	-0.006442	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	4.05	0.004779	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	19.04	0.022466	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	1.53	0.001805	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	26.32	0.031056	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	13.70	0.016576	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	24.40	0.029522	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	10.16	0.012293	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	2.96	0.003581	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	19.91	0.024090	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	21.50	0.026013	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	5.36	0.006485	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	23.26	0.028143	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	6.54	0.007913	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-10.24	-0.012390	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-19.35	-0.023412	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-20.31	-0.024574	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-26.32	-0.031845	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-8.57	-0.010369	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-25.16	-0.030442	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-13.65	-0.016515	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-7.57	-0.009159	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	11.17	0.013515	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	6.07	0.007256	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	17.98	0.021494	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	20.41	0.024399	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	24.69	0.029516	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	25.72	0.030747	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	5.05	0.006037	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	17.11	0.020454	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	12.00	0.014345	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	8.83	0.010556	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-11.03	-0.013186	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	2.27	0.002714	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-2.52	-0.003013	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-21.72	-0.025965	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-25.21	-0.030137	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-27.02	-0.032301	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	8.90	0.010640	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-13.02	-0.015565	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-26.52	-0.031704	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	8.40	0.009923	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	21.62	0.025540	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	6.88	0.008128	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	24.68	0.029155	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	4.53	0.005351	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	20.26	0.023934	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	10.10	0.011931	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-19.83	-0.023426	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	26.92	0.031802	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	14.66	0.017318	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	26.09	0.030821	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	24.93	0.029451	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	27.17	0.032097	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	18.94	0.022374	±2.5	PASS

Band5	5MHz	16QAM	20625	25RB#0	NV	20	14.29	0.016881	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	8.33	0.009841	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	5.72	0.006757	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-21.21	-0.025056	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	23.70	0.028589	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	26.89	0.032437	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	8.68	0.010470	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	21.89	0.026405	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	6.12	0.007382	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.09	-0.003727	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	2.09	0.002521	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-26.88	-0.032425	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-19.51	-0.023534	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-27.67	-0.033078	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-24.88	-0.029743	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-28.40	-0.033951	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-16.61	-0.019857	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-29.91	-0.035756	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-10.39	-0.012421	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-19.25	-0.023013	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-14.29	-0.017083	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-15.61	-0.018661	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-28.77	-0.034088	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-21.60	-0.025592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-14.96	-0.017725	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-13.50	-0.015995	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-21.84	-0.025877	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-29.75	-0.035249	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-21.66	-0.025664	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-21.79	-0.025818	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-24.16	-0.028626	±2.5	PASS