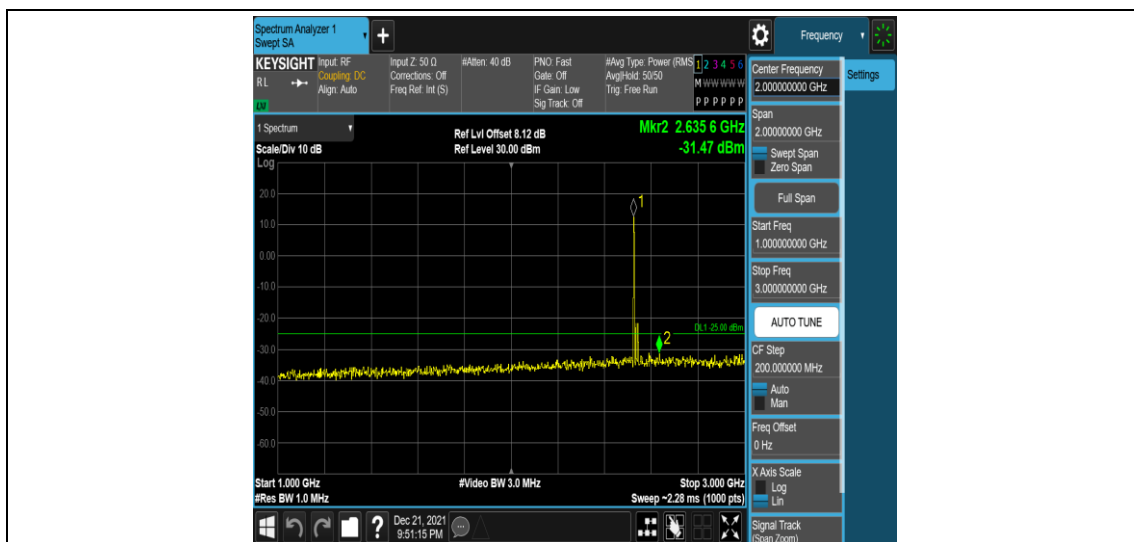
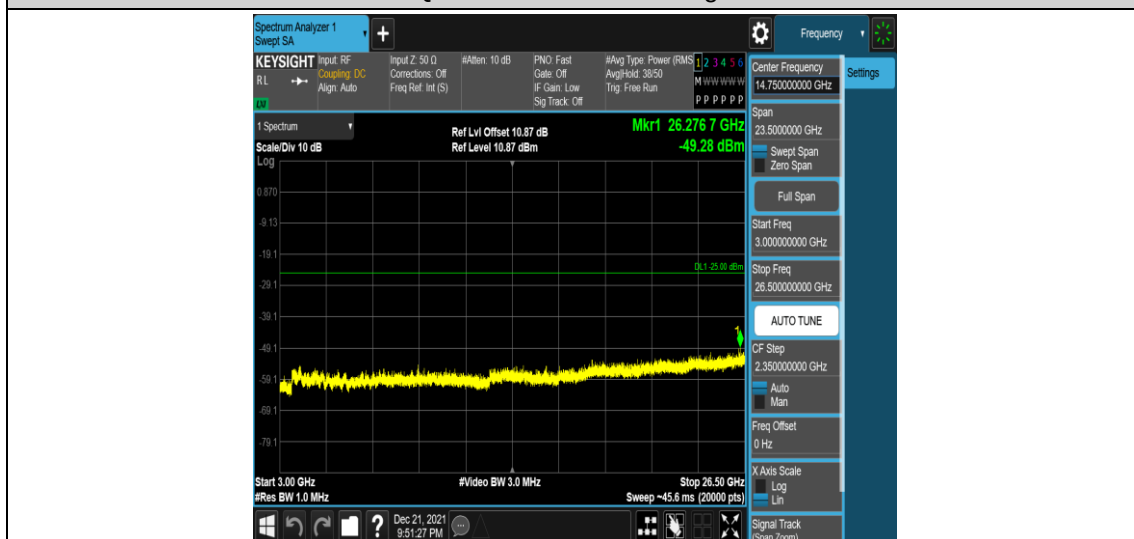




Band7-20MHz-16QAM-21100-1RB#0-Range4:1000~3000MHz



Band7-20MHz-16QAM-21100-1RB#0-Range5:3000~26500MHz



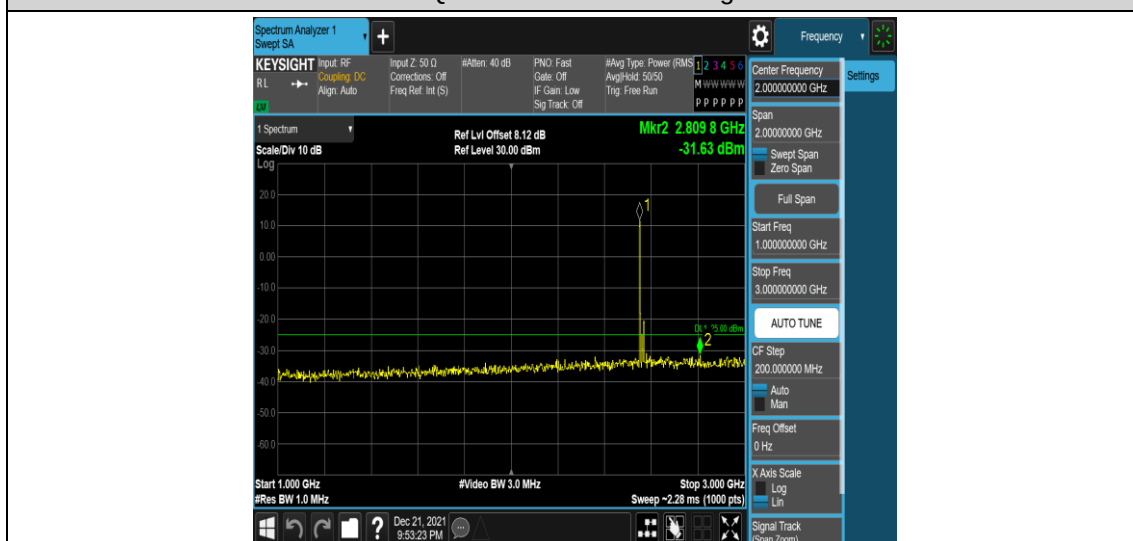
Band7-20MHz-16QAM-21350-1RB#0-Range1:0.009~0.15MHz



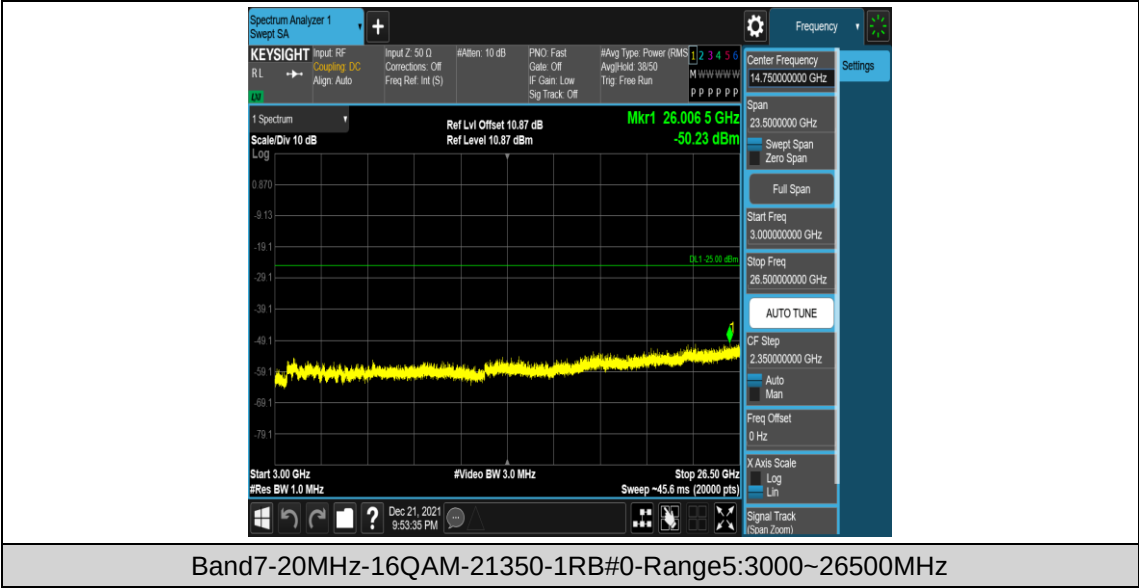
Band7-20MHz-16QAM-21350-1RB#0-Range2:0.15~30MHz



Band7-20MHz-16QAM-21350-1RB#0-Range3:30~1000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range4:1000~3000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	9.06	0.003620	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	6.58	0.002629	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	7.20	0.002877	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-7.98	-0.003148	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-5.54	-0.002185	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-5.48	-0.002162	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	4.16	0.001620	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-4.75	-0.001850	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-9.61	-0.003743	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-2.53	-0.001011	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	7.65	0.003057	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	3.58	0.001431	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-5.71	-0.002252	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-6.18	-0.002438	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-8.00	-0.003156	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-5.21	-0.002029	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-4.89	-0.001905	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	8.53	0.003322	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-8.83	-0.003525	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-4.88	-0.001948	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-6.18	-0.002467	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-4.68	-0.001846	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	7.22	0.002848	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-7.05	-0.002781	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-7.90	-0.003080	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-9.00	-0.003509	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-6.92	-0.002698	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-10.49	-0.004188	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-7.70	-0.003074	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-7.62	-0.003042	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-10.13	-0.003996	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-8.44	-0.003329	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-5.91	-0.002331	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-8.25	-0.003216	±2.5	PASS

Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-6.08	-0.002370	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-10.64	-0.004148	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	9.68	0.003860	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	5.36	0.002138	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	4.69	0.001870	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-7.22	-0.002848	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-8.07	-0.003183	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-6.14	-0.002422	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	4.72	0.001842	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	7.01	0.002736	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	9.54	0.003723	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	4.88	0.001946	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	-5.14	-0.002050	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	6.47	0.002580	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-10.30	-0.004063	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-6.69	-0.002639	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-8.17	-0.003223	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	8.54	0.003333	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	8.13	0.003173	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	9.01	0.003516	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	7.94	0.003163	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	6.87	0.002737	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	7.21	0.002873	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-8.43	-0.003325	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-7.48	-0.002951	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-8.28	-0.003266	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	6.02	0.002352	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-4.79	-0.001871	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	4.08	0.001594	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	8.04	0.003203	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	6.39	0.002546	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	6.72	0.002677	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-7.15	-0.002821	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-5.66	-0.002233	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	3.46	0.001365	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	7.42	0.002898	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	5.65	0.002207	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	4.91	0.001918	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-5.98	-0.002390	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	8.03	0.003209	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	4.38	0.001750	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	3.73	0.001491	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	4.06	0.001622	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-9.00	-0.003550	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-3.89	-0.001535	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-7.11	-0.002805	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-10.10	-0.003984	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-6.47	-0.002552	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	8.10	0.003155	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	5.15	0.002006	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	6.78	0.002641	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	4.79	0.001866	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	3.69	0.001437	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	6.38	0.002549	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	4.89	0.001954	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	8.10	0.003237	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	7.18	0.002869	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-3.29	-0.001315	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-7.34	-0.002895	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-8.44	-0.003329	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-6.81	-0.002686	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-6.12	-0.002414	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-7.75	-0.003057	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	5.42	0.002111	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	5.32	0.002072	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	5.65	0.002201	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	6.32	0.002462	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-5.91	-0.002302	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-6.91	-0.002758	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-9.50	-0.003792	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-3.85	-0.001537	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-8.64	-0.003449	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-5.36	-0.002140	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-7.31	-0.002884	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-6.07	-0.002394	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-5.14	-0.002028	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-7.35	-0.002899	±2.5	PASS

Band7	10MHz	QPSK	21100	50RB#0	NV	20	-4.25	-0.001677	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-5.19	-0.002023	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-5.81	-0.002265	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	3.15	0.001228	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-5.66	-0.002207	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	2.89	0.001127	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-4.66	-0.001860	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-42.24	-0.016862	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-3.69	-0.001473	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-5.84	-0.002331	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-7.67	-0.003062	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	-7.04	-0.002777	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-8.21	-0.003239	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-7.42	-0.002927	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-8.15	-0.003215	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-6.11	-0.002410	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-6.21	-0.002421	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-5.06	-0.001973	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-7.78	-0.003033	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-6.09	-0.002374	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-6.68	-0.002604	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	3.95	0.001575	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	7.12	0.002839	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	5.66	0.002257	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	6.52	0.002600	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	3.63	0.001448	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-9.16	-0.003613	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-7.45	-0.002939	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-6.71	-0.002647	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-7.07	-0.002789	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-11.09	-0.004375	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	6.88	0.002685	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	7.35	0.002868	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	5.26	0.002053	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	8.03	0.003134	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	6.75	0.002634	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	4.12	0.001643	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	9.46	0.003773	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	6.54	0.002608	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	7.00	0.002792	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	5.75	0.002293	±2.5	PASS

Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-9.47	-0.003736	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-5.11	-0.002016	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-8.67	-0.003420	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-4.51	-0.001779	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-6.12	-0.002414	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	6.27	0.002447	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	8.13	0.003173	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	10.99	0.004289	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	7.55	0.002946	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	8.85	0.003454	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	7.02	0.002797	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	7.45	0.002968	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	8.21	0.003271	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	7.71	0.003072	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	7.28	0.002900	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-5.08	-0.002004	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.32	-0.002099	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-6.84	-0.002698	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-7.34	-0.002895	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-10.71	-0.004225	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	5.65	0.002207	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	4.75	0.001855	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	8.48	0.003313	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	7.37	0.002879	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	6.19	0.002418	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	6.42	0.002558	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	5.82	0.002319	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	6.84	0.002725	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	8.04	0.003203	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	8.54	0.003402	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-5.97	-0.002355	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-5.24	-0.002067	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-7.08	-0.002793	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-10.69	-0.004217	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-5.21	-0.002055	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	90.55	0.035371	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	8.05	0.003145	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	9.01	0.003520	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-5.69	-0.002223	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	8.20	0.003203	±2.5	PASS