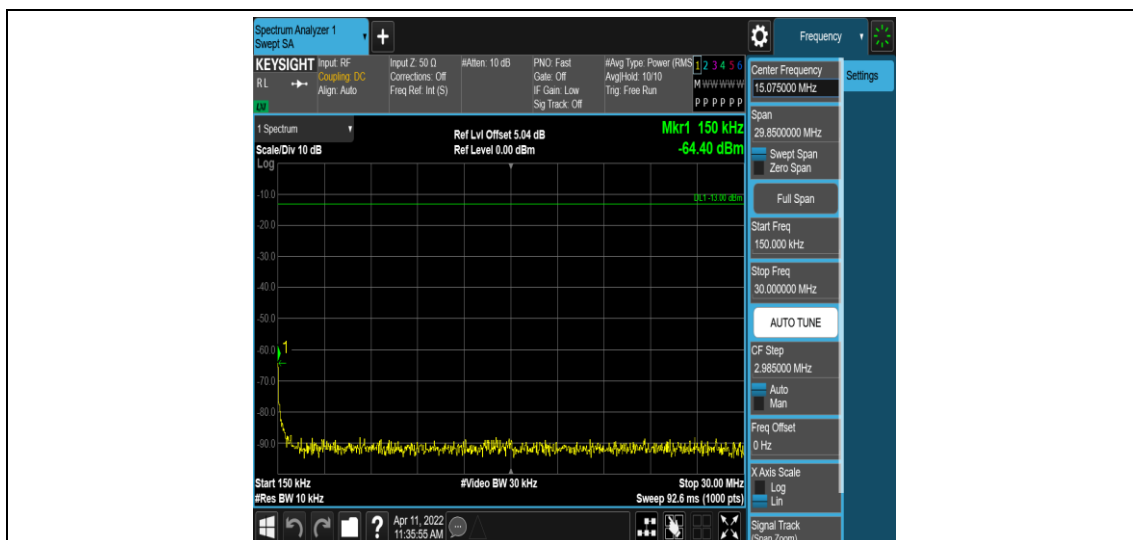




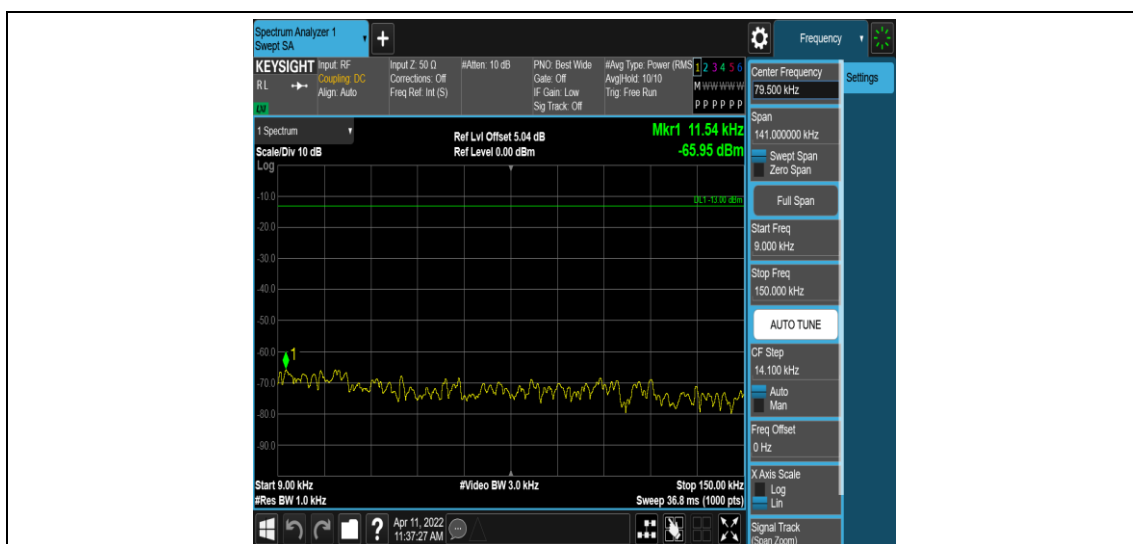
Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



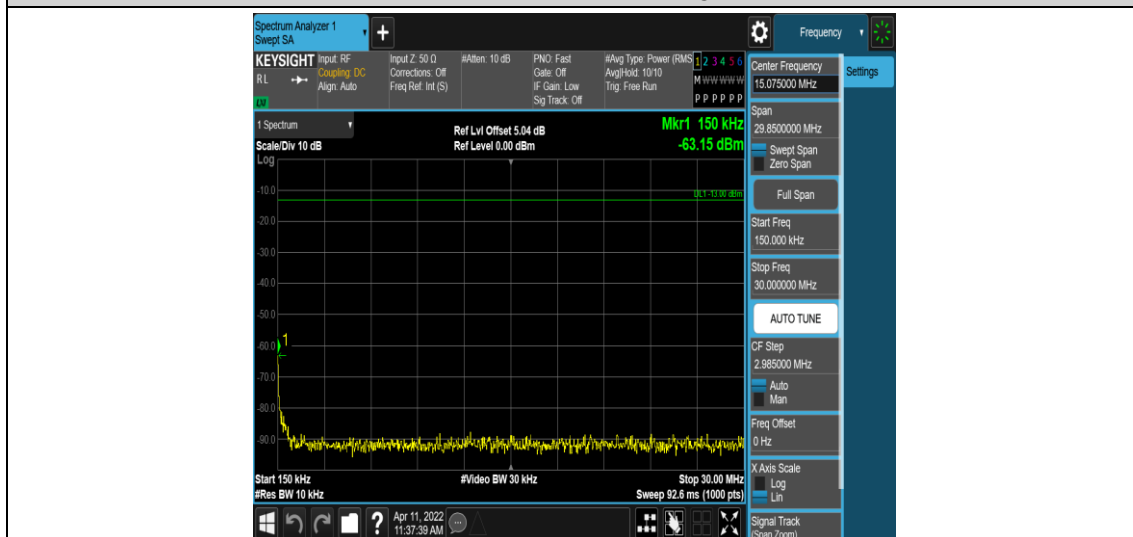
Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



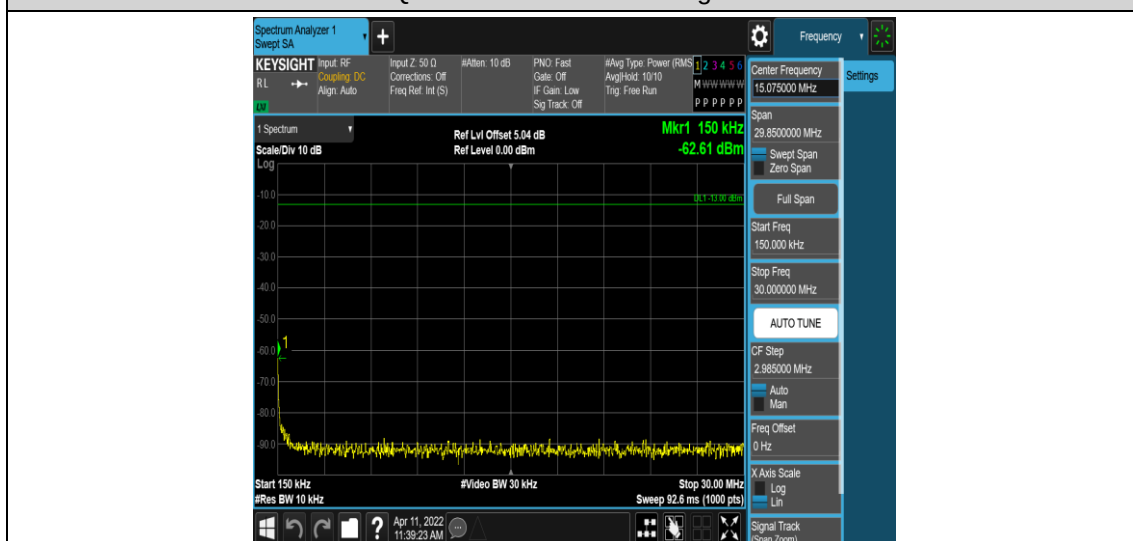
Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



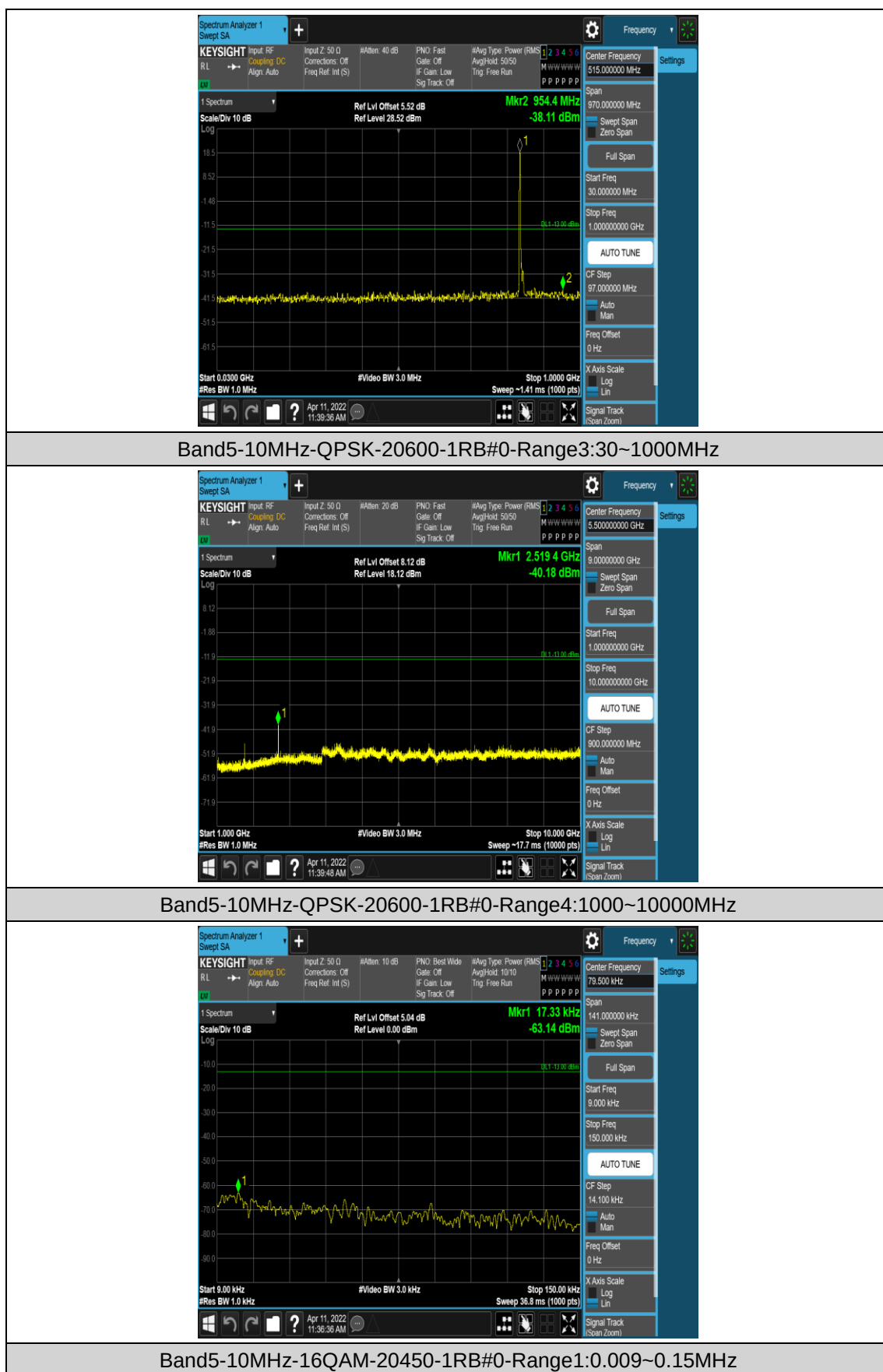
Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

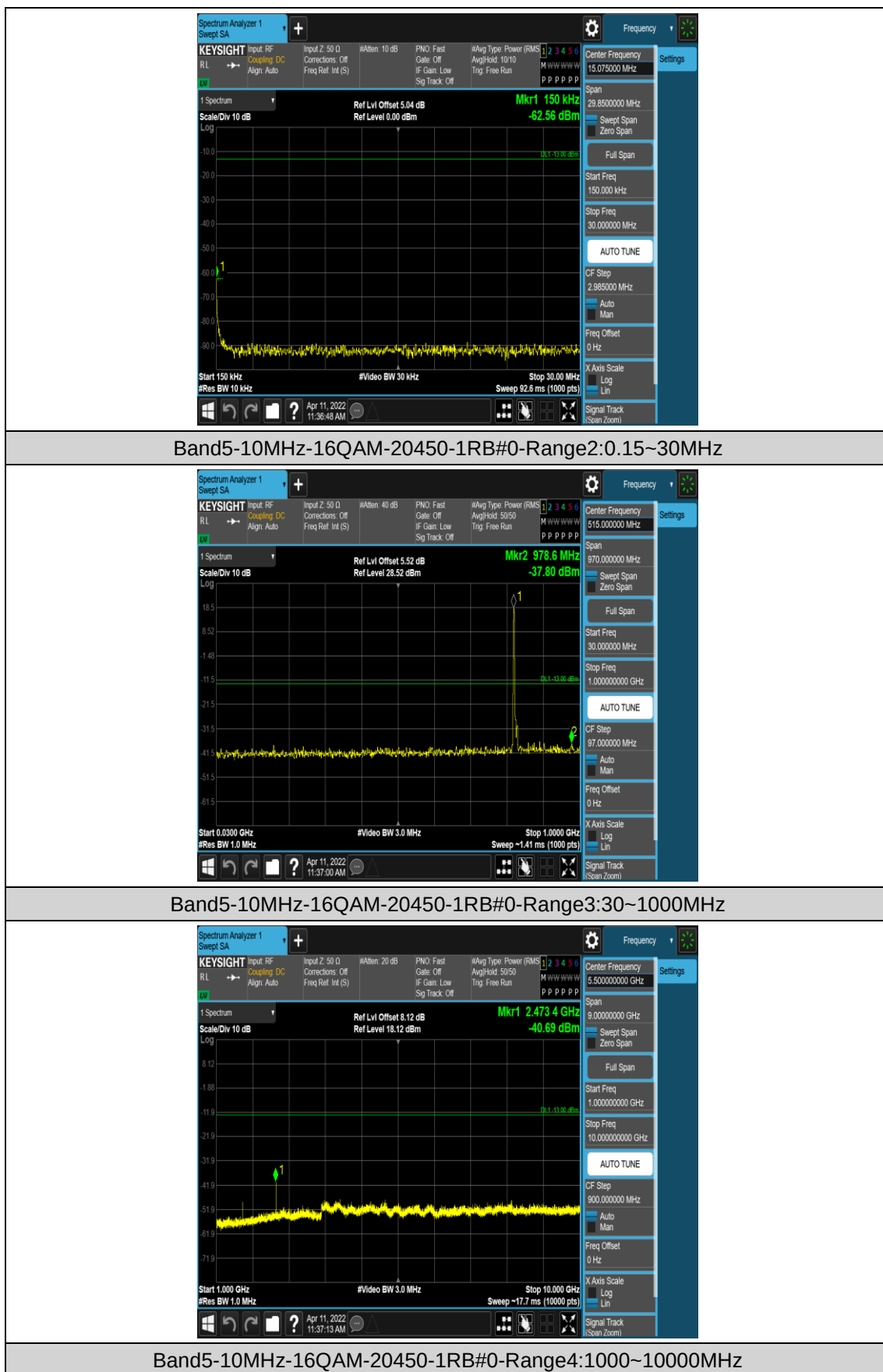


Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



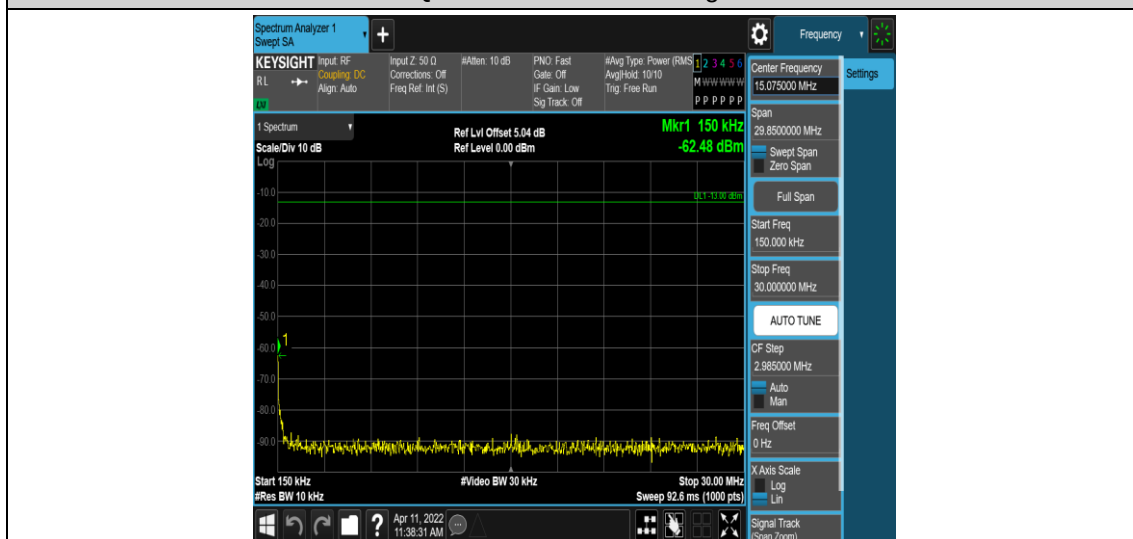
Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz







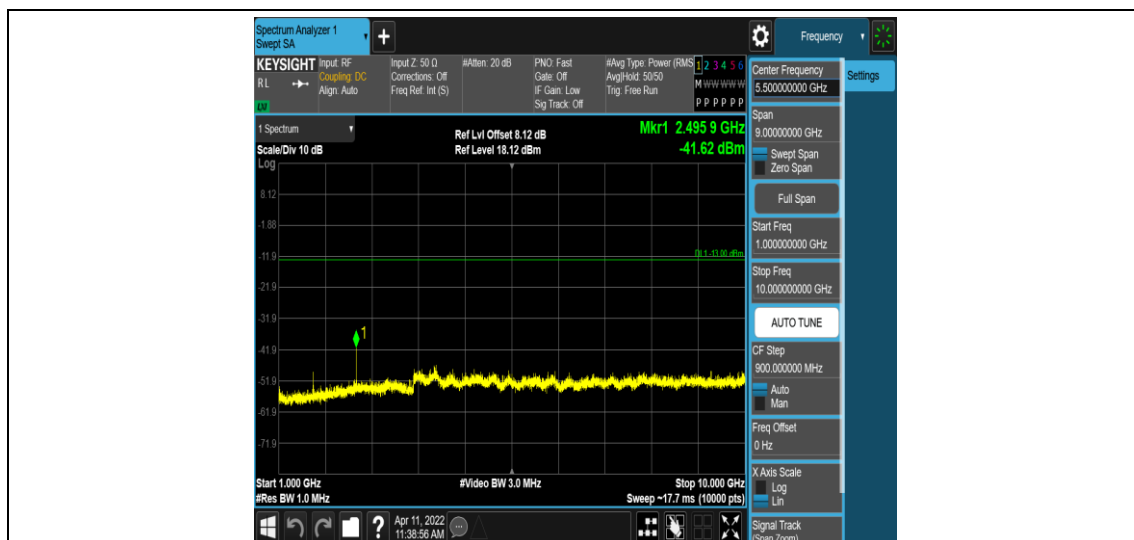
Band5-10MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



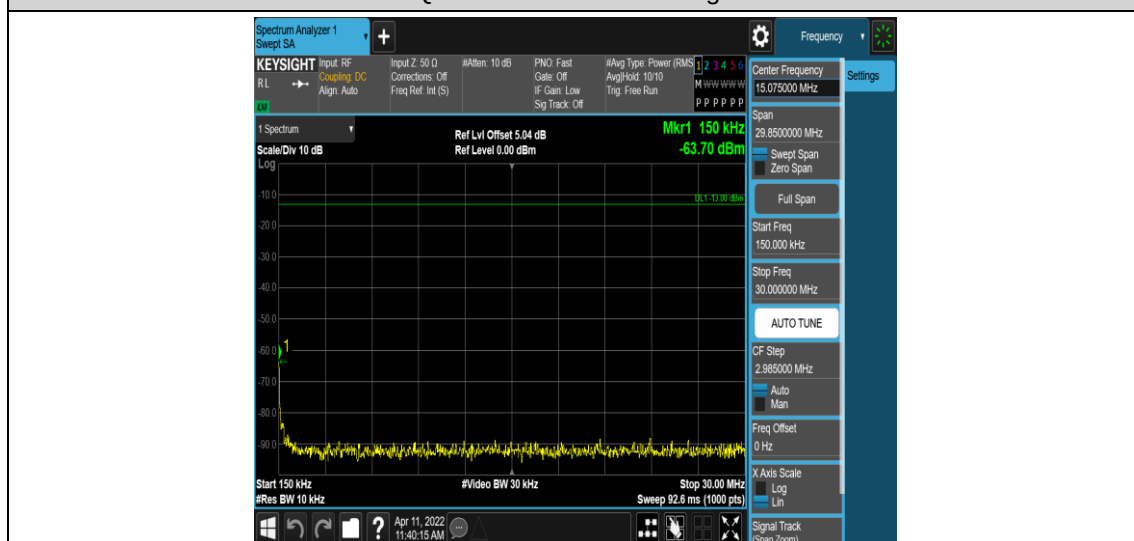
Band5-10MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	6.67	0.008088	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-2.98	-0.003613	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-2.09	-0.002534	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	3.88	0.004638	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	1.14	0.001363	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-4.68	-0.005595	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-2.27	-0.002676	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-3.40	-0.004008	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-5.92	-0.006979	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	2.35	0.002850	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-2.26	-0.002740	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-2.47	-0.002995	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	1.63	0.001949	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	1.63	0.001949	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	3.30	0.003945	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	3.26	0.003843	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-4.13	-0.004869	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	2.78	0.003277	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-4.03	-0.004882	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	5.98	0.007244	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-3.68	-0.004458	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-3.38	-0.004041	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	1.63	0.001949	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	1.77	0.002116	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-1.67	-0.001971	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	1.87	0.002206	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	1.89	0.002230	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	1.26	0.001526	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-3.29	-0.003985	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-3.39	-0.004107	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	1.44	0.001721	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-4.38	-0.005236	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	5.35	0.006396	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VL	NT	5.15	0.006077	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-4.38	-0.005168	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	1.06	0.001251	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	1.87	0.002263	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-2.09	-0.002529	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-3.28	-0.003969	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	2.23	0.002666	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-2.05	-0.002451	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-3.98	-0.004758	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-2.05	-0.002422	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-1.97	-0.002327	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	3.50	0.004135	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	1.34	0.001621	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	1.33	0.001609	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-2.56	-0.003097	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-2.95	-0.003527	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	2.12	0.002534	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	1.54	0.001841	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-4.98	-0.005883	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-5.46	-0.006450	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-2.05	-0.002422	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	4.11	0.004958	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.03	-0.002449	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-7.28	-0.008782	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	1.59	0.001901	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	2.99	0.003574	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.79	-0.003335	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-2.05	-0.002429	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	4.09	0.004846	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-1.53	-0.001846	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.62	-0.003160	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.32	-0.004005	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-3.13	-0.003742	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-2.02	-0.002415	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-4.42	-0.005284	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-6.27	-0.007429	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-5.54	-0.006564	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.19	-0.002595	±2.5	PASS

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	2.55	0.003092	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-2.12	-0.002571	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	2.57	0.003116	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-3.28	-0.003977	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-2.00	-0.002425	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	4.62	0.005523	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	3.10	0.003706	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	2.72	0.003252	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	1.26	0.001506	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	1.34	0.001602	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-5.76	-0.006790	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-1.77	-0.002087	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-2.47	-0.002912	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-5.19	-0.006118	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-2.45	-0.002888	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-2.19	-0.002656	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-2.37	-0.002874	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-1.97	-0.002389	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-1.34	-0.001625	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-1.72	-0.002086	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	1.54	0.001841	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-1.66	-0.001984	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	2.39	0.002857	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	1.56	0.001865	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	4.02	0.004806	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	1.96	0.002311	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-3.22	-0.003796	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-3.09	-0.003643	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-3.45	-0.004067	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	3.66	0.004315	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-4.26	-0.005161	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	1.73	0.002096	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-4.98	-0.006033	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-1.99	-0.002411	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	4.12	0.004991	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	4.41	0.005272	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-3.15	-0.003766	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	0	-4.45	-0.005320	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	5.36	0.006408	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	4.16	0.004973	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-1.86	-0.002195	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	2.02	0.002383	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	3.49	0.004118	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	1.14	0.001345	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	1.63	0.001923	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-3.52	-0.004264	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	1.49	0.001805	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	2.65	0.003210	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-1.32	-0.001599	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	2.09	0.002532	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	2.42	0.002893	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	1.80	0.002152	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	5.11	0.006109	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	1.79	0.002140	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-1.63	-0.001949	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-2.40	-0.002832	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-4.45	-0.005251	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	3.03	0.003575	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	2.00	0.002360	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-4.08	-0.004814	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.55	-0.004295	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-3.65	-0.004416	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.12	-0.003775	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	2.32	0.002807	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-1.29	-0.001561	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-3.18	-0.003802	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-2.83	-0.003383	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	1.70	0.002032	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-2.37	-0.002833	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-2.68	-0.003204	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-3.30	-0.003898	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-2.85	-0.003367	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-3.36	-0.003969	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	2.50	0.002953	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-4.66	-0.005505	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	5.75	0.006957	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	1.40	0.001694	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-3.03	-0.003666	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.26	-0.003944	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	2.52	0.003049	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	2.95	0.003527	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	2.25	0.002690	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	2.13	0.002546	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	3.05	0.003646	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-2.83	-0.003383	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-2.57	-0.003036	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-4.45	-0.005257	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	3.18	0.003757	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-6.08	-0.007183	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	1.93	0.002280	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	3.30	0.003981	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.33	-0.004017	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-4.59	-0.005537	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-4.01	-0.004837	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-4.42	-0.005332	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-2.63	-0.003144	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	4.85	0.005798	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-4.19	-0.005009	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	5.31	0.006348	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	1.13	0.001351	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-3.10	-0.003673	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-2.05	-0.002429	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.05	-0.003614	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-3.12	-0.003697	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-5.18	-0.006137	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-3.19	-0.003848	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-4.16	-0.005018	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-4.18	-0.005042	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-3.50	-0.004222	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	1.16	0.001399	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	4.85	0.005798	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	0.93	0.001112	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	1.26	0.001506	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-4.69	-0.005607	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	4.86	0.005810	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	1.97	0.002334	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-1.89	-0.002239	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-2.19	-0.002595	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-5.15	-0.006102	±2.5	PASS

Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.85	-0.002192	±2.5	PASS
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