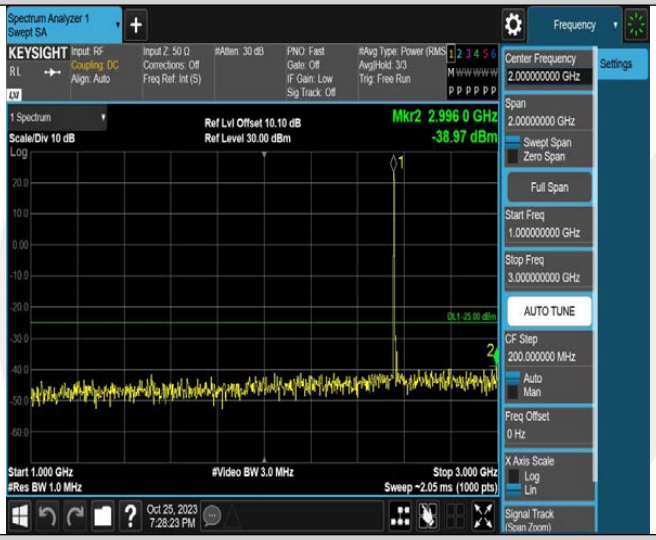
Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~3000MHz

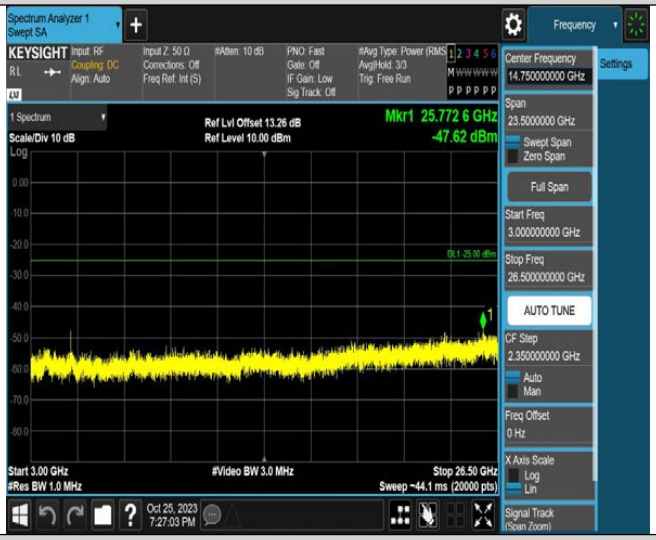


Band7-15MHz-QPSK-21375-1RB#0-Range3:3000~26500MHz

Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz

Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~3000MHz

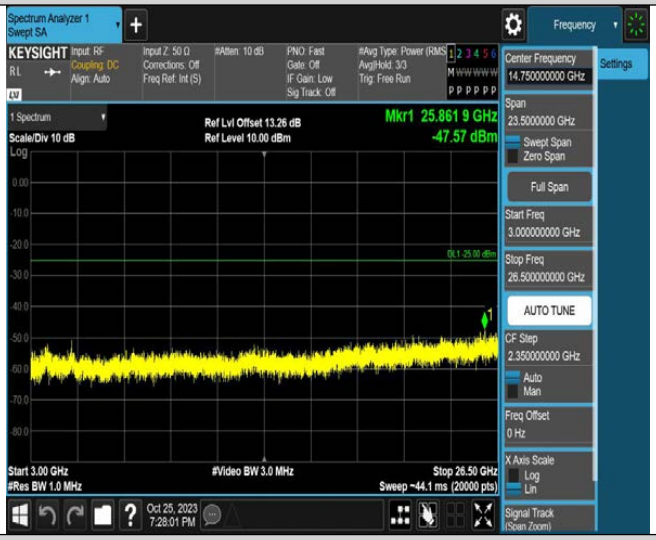
Band7-15MHz-16QAM-20825-1RB#0-Range3:3000~26500MHz



Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz

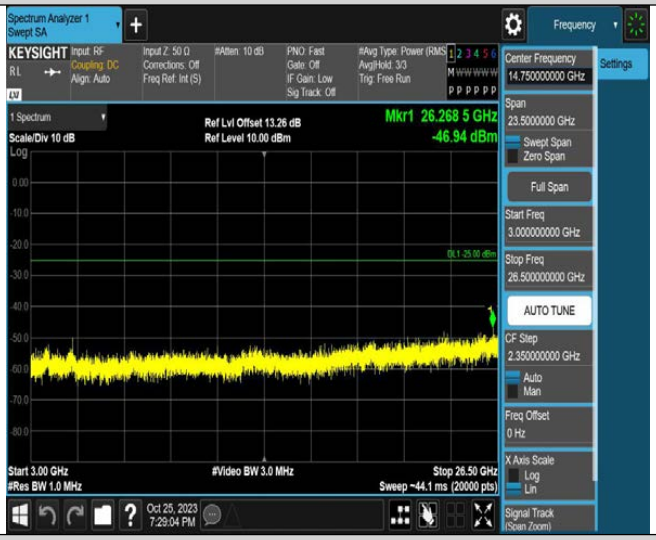
Band7-15MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz

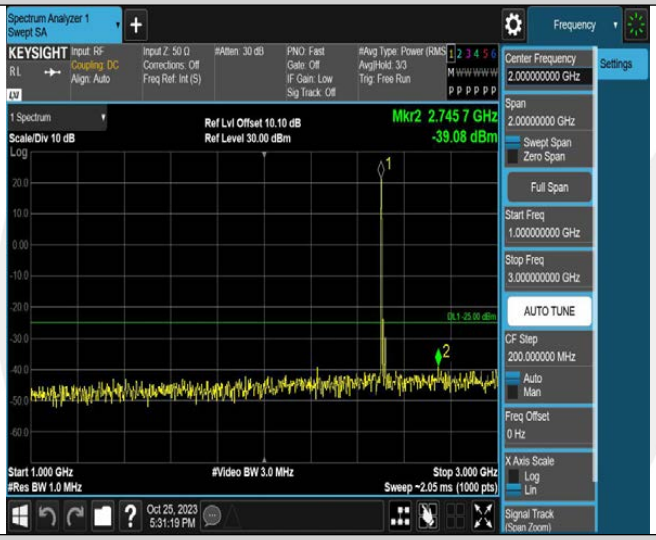
Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~3000MHz

Band7-15MHz-16QAM-21375-1RB#0-Range3:3000~26500MHz

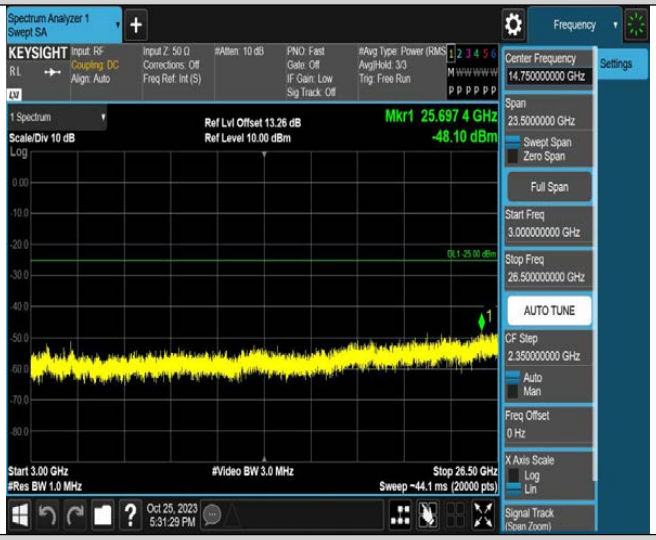


Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz

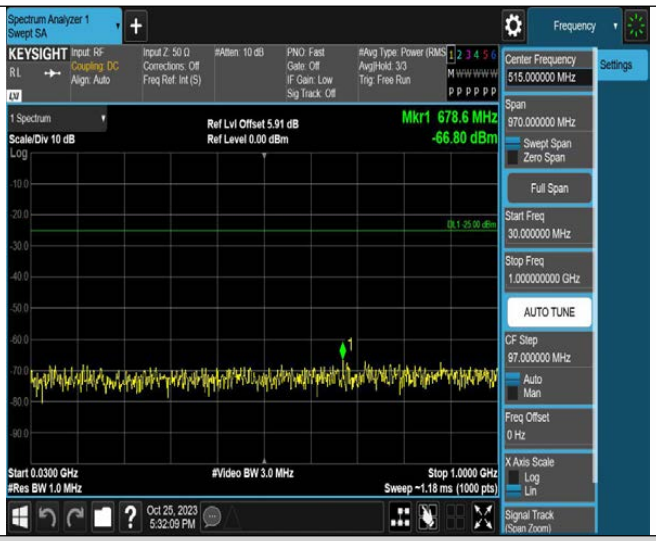
Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~3000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range3:3000~26500MHz



Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

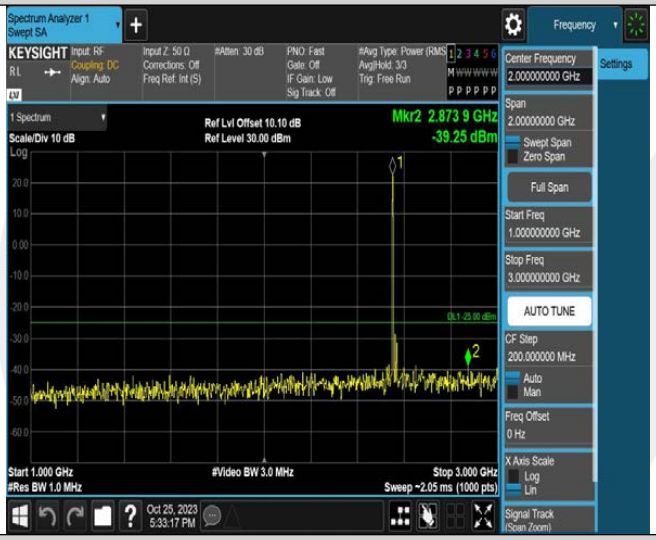


Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz

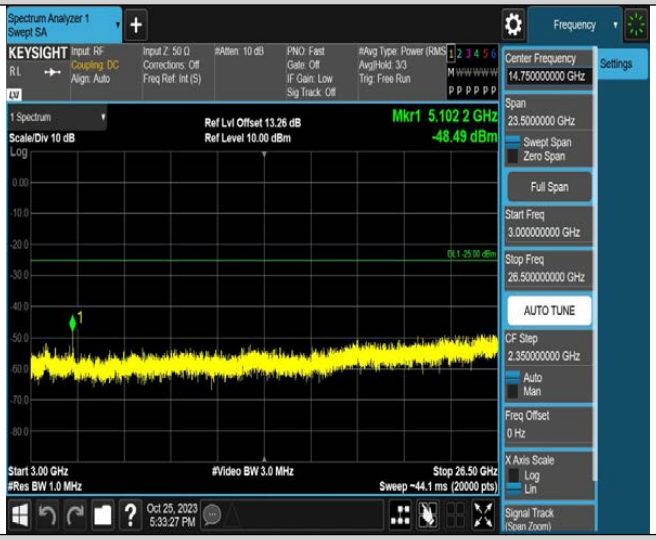
Band7-20MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz

Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz

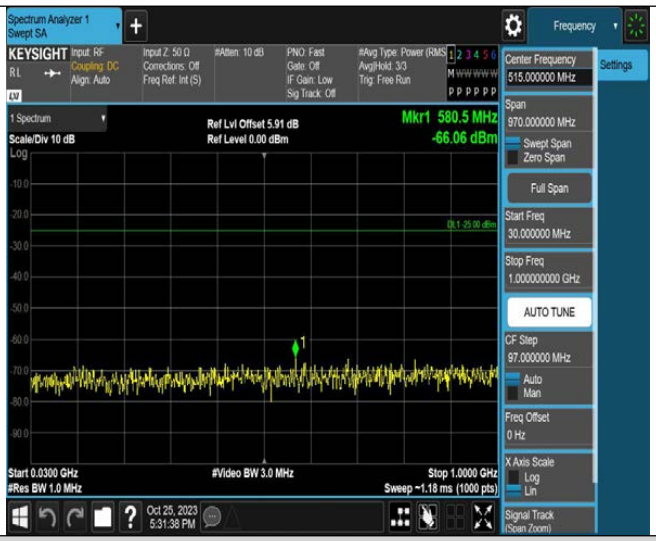
Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~3000MHz



Band7-20MHz-QPSK-21350-1RB#0-Range3:3000~26500MHz

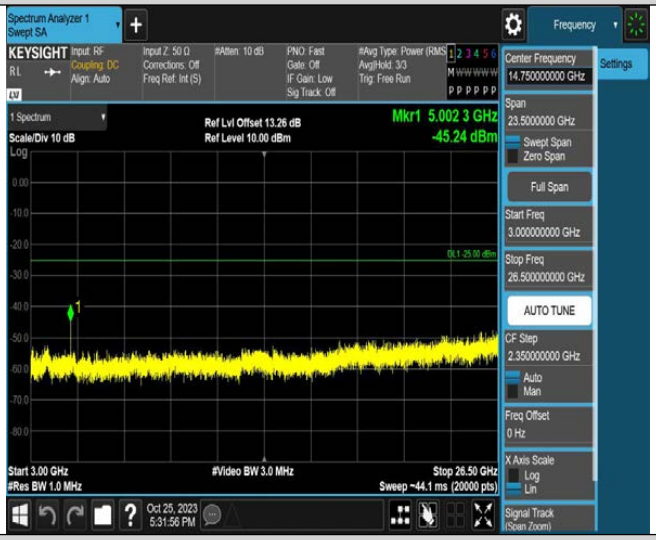


Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



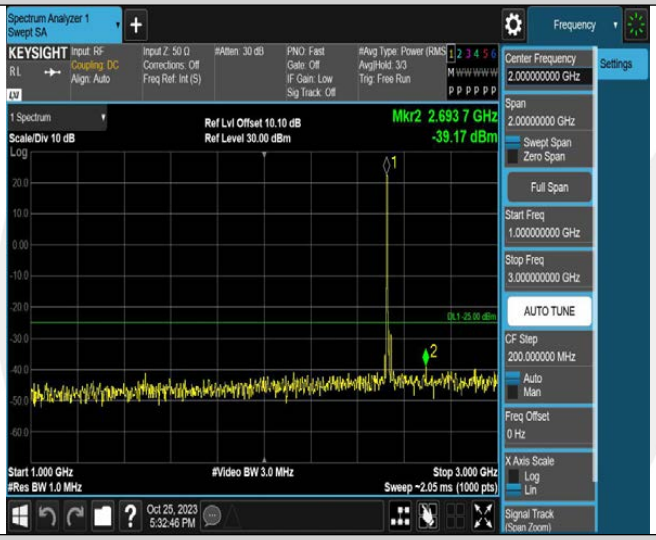
Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~3000MHz

Band7-20MHz-16QAM-20850-1RB#0-Range3:3000~26500MHz

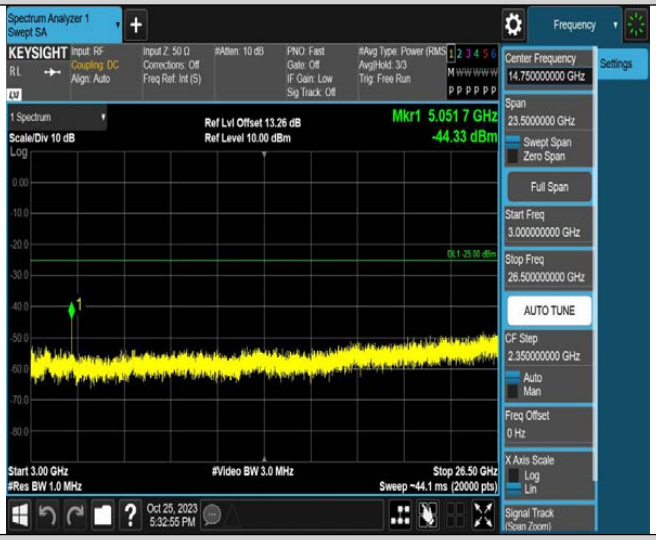


Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

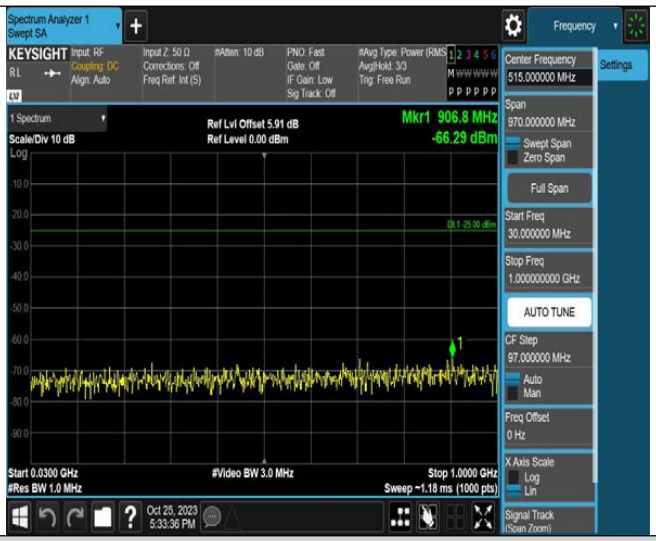
Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz



Band7-20MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz

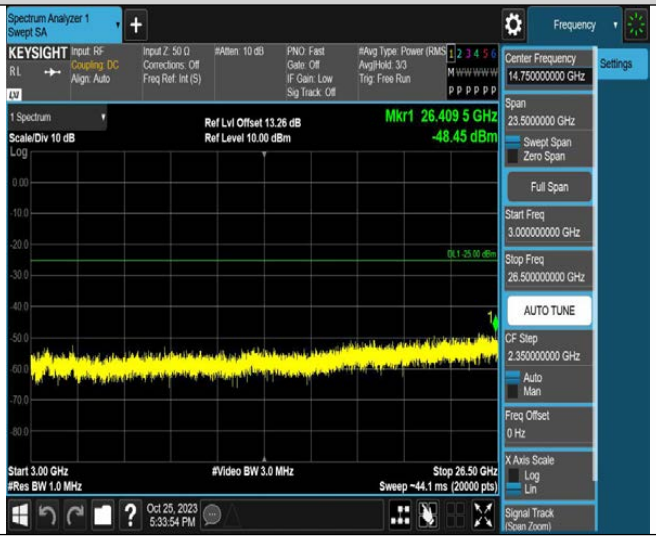


Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~3000MHz

Band7-20MHz-16QAM-21350-1RB#0-Range3:3000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-12.43	-0.004967	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-17.12	-0.006841	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-7.95	-0.003177	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	5.59	0.002205	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	9.43	0.003720	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-12.99	-0.005124	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	21.23	0.008269	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	12.97	0.005052	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	19.84	0.007727	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	3.52	0.001407	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-7.50	-0.002997	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	4.73	0.001890	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	11.14	0.004394	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	11.16	0.004402	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-4.46	-0.001759	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	17.34	0.006754	±2.5	PASS

Band7	5MHz	16QAM	21425	25RB#0	VN	NT	6.58	0.002563	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	16.32	0.006356	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	15.22	0.006076	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-10.31	-0.004116	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	5.95	0.002375	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	6.18	0.002438	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-9.37	-0.003696	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-7.10	-0.002801	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-7.18	-0.002799	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	7.78	0.003033	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	8.51	0.003318	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	4.51	0.001800	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	13.75	0.005489	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	6.32	0.002523	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	4.81	0.001897	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	8.05	0.003176	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	5.89	0.002323	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-15.01	-0.005852	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	11.79	0.00459	±2.5	PASS

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Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-10.54	-0.004109	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-3.02	-0.001204	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	15.76	0.006285	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	11.17	0.004455	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	10.61	0.004185	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	7.81	0.003081	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-8.53	-0.003365	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-6.82	-0.002661	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-14.53	-0.005670	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-4.12	-0.001608	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	12.07	0.004814	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	14.98	0.005974	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	6.41	0.002556	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-10.23	-0.004036	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-12.66	-0.004994	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-7.74	-0.003053	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	-9.21	-0.003594	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-8.54	-0.003333	±2.5	PASS

Band7	15MHz	16QAM	21375	75RB#0	VH	NT	-4.31	-0.001682	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-23.36	-0.009307	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-25.71	-0.010243	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-13.52	-0.005386	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-5.65	-0.002229	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	10.99	0.004335	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-11.62	-0.004584	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-4.28	-0.001672	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	19.86	0.007758	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-5.65	-0.002207	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-18.44	-0.007347	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-23.69	-0.009438	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-18.24	-0.007267	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	8.54	0.003369	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	3.95	0.001558	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	9.66	0.003811	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	12.46	0.004867	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	18.58	0.007258	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-4.36	-0.0017	±2.5	PASS

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Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-12.09	-0.004831	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	4.75	0.001898	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	5.66	0.002262	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-17.98	-0.007185	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-11.77	-0.004703	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-12.15	-0.004855	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	-12.16	-0.004859	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-16.95	-0.006773	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	-3.32	-0.001327	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-4.36	-0.001720	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-12.82	-0.005057	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	5.59	0.002205	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-6.87	-0.002710	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	12.75	0.005030	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-8.55	-0.003373	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-2.17	-0.000856	±2.5	PASS

Band7	5MHz	QPSK	21100	25RB#0	NV	40	-13.26	-0.005231	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-12.26	-0.004836	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	7.28	0.002835	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	14.95	0.005823	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	5.04	0.001963	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	16.34	0.006364	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	14.71	0.005729	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	17.84	0.006948	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-6.74	-0.002625	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	2.57	0.001001	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	14.25	0.005550	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-8.01	-0.003201	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-15.69	-0.006270	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	-9.36	-0.003740	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	4.48	0.001790	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-15.11	-0.006038	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-15.11	-0.006038	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-18.41	-0.007357	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-14.18	-0.0056	±2.5	PASS

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Band7	5MHz	16QAM	20775	25RB#0	NV	50	-11.93	-0.004767	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-11.30	-0.004458	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-10.60	-0.004181	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	11.09	0.004375	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	3.18	0.001254	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-9.50	-0.003748	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	12.23	0.004824	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	3.99	0.001574	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	8.77	0.003460	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	12.39	0.004888	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	17.11	0.006664	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	18.81	0.007326	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	7.12	0.002773	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	13.95	0.005433	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	6.88	0.002680	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	19.73	0.007685	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	10.93	0.004257	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	19.04	0.007416	±2.5	PASS

Band7	5MHz	16QAM	21425	25RB#0	NV	50	8.53	0.003322	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-12.12	-0.004838	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	6.55	0.002615	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-11.29	-0.004507	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	5.34	0.002132	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-10.19	-0.004068	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	6.90	0.002754	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-12.67	-0.005058	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	4.96	0.001980	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	7.55	0.003014	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	8.21	0.003239	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	10.16	0.004008	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-5.11	-0.002016	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-9.30	-0.003669	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	14.10	0.005562	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	8.88	0.003503	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	4.49	0.001771	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	5.78	0.002280	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	4.86	0.00191	±2.5	PASS

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Band7	10MHz	QPSK	21400	50RB#0	NV	-30	11.94	0.004655	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-5.98	-0.002331	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	11.67	0.004550	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	3.66	0.001427	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-7.90	-0.003080	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-7.48	-0.002916	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-6.97	-0.002717	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-6.78	-0.002643	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	7.37	0.002873	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	3.09	0.001234	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-6.39	-0.002551	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-10	-4.85	-0.001936	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-7.54	-0.003010	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-9.43	-0.003764	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	12.09	0.004826	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	8.10	0.003234	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	-6.74	-0.002691	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	13.60	0.005429	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	NV	-30	11.66	0.004600	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-14.98	-0.005909	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-10	-9.53	-0.003759	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-4.28	-0.001688	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	4.69	0.001850	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	10.03	0.003957	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	-7.37	-0.002907	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	-5.15	-0.002032	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-4.22	-0.001665	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-7.78	-0.003033	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-2.99	-0.001166	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	6.18	0.002409	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	5.79	0.002257	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	4.99	0.001945	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	4.78	0.001864	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	11.52	0.004491	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	11.29	0.004402	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-10.86	-0.004234	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	18.41	0.00734	±2.5	PASS

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Band7	15MHz	QPSK	20825	75RB#0	NV	-20	7.27	0.002899	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	8.10	0.003230	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	11.92	0.004754	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	14.02	0.005591	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	15.36	0.006126	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	14.10	0.005623	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	15.94	0.006357	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	15.95	0.006361	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	5.01	0.001976	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-9.40	-0.003708	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-9.76	-0.003850	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-9.34	-0.003684	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-10.53	-0.004154	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-11.01	-0.004343	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-5.58	-0.002201	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	4.15	0.001637	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	11.66	0.004600	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-12.95	-0.005054	±2.5	PASS

Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-11.00	-0.004293	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	-19.53	-0.007621	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-13.53	-0.005280	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-6.37	-0.002486	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-12.56	-0.004901	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-7.00	-0.002732	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-16.21	-0.006326	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-9.68	-0.003778	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	17.61	0.007023	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	11.13	0.004439	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-10	-5.99	-0.002389	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	12.93	0.005157	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	5.68	0.002265	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	10.09	0.004024	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	6.07	0.002421	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	14.22	0.005671	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	6.08	0.002425	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	6.75	0.002663	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-14.46	-0.0057	±2.5	PASS

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Band7	15MHz	16QAM	21100	75RB#0	NV	-10	-11.93	-0.004706	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-8.61	-0.003396	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	5.56	0.002193	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	4.03	0.001590	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	9.90	0.003905	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	7.41	0.002923	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	6.49	0.002560	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	-19.04	-0.007430	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	-18.34	-0.007157	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-10	-15.95	-0.006224	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-15.02	-0.005861	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	-15.21	-0.005936	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	-13.38	-0.005221	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	-15.25	-0.005951	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	-9.97	-0.003891	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	-8.88	-0.003465	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-22.04	-0.008781	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-15.94	-0.006351	±2.5	PASS

Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-16.32	-0.006502	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-13.83	-0.005510	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-9.77	-0.003892	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-16.87	-0.006721	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-19.86	-0.007912	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-21.10	-0.008406	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-23.63	-0.009414	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-11.79	-0.004651	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-9.00	-0.003550	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	7.58	0.002990	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	7.98	0.003148	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-11.03	-0.004351	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-13.30	-0.005247	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-4.59	-0.001811	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	8.18	0.003227	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-10.63	-0.004193	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	10.73	0.004191	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	16.52	0.006453	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	16.88	0.00659	±2.5	PASS

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Band7	20MHz	QPSK	21350	100RB#0	NV	0	18.63	0.007277	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-8.93	-0.003488	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-7.28	-0.002844	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	8.85	0.003457	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	13.59	0.005309	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	15.72	0.006141	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-13.53	-0.005390	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-22.73	-0.009056	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	-16.05	-0.006394	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-22.69	-0.009040	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-9.56	-0.003809	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-17.98	-0.007163	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-26.74	-0.010653	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-19.66	-0.007833	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-24.06	-0.009586	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-9.31	-0.003673	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-7.02	-0.002769	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	5.87	0.002316	±2.5	PASS

Band7	20MHz	16QAM	21100	100RB#0	NV	0	10.51	0.004146	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-6.44	-0.002540	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	8.37	0.003302	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-13.69	-0.005400	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-11.26	-0.004442	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-5.36	-0.002114	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-4.36	-0.001703	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	11.46	0.004477	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	16.14	0.006305	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	16.89	0.006598	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	19.05	0.007441	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	4.08	0.001594	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	8.34	0.003258	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	16.26	0.006352	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	8.30	0.003242	±2.5	PASS

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	64QAM	20775	1RB#0	21.65	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.71	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.68	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.56	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.59	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.55	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.56	PASS
Band7	5MHz	64QAM	21100	1RB#0	22.05	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.97	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.81	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.93	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.86	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.84	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.83	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.81	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.86	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.73	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.80	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.82	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.74	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.76	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.64	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.60	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.56	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.65	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.66	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.67	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.57	PASS
Band7	10MHz	64QAM	21100	1RB#0	22.11	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.87	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.79	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.92	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.92	PASS

Band7	10MHz	64QAM	21100	25RB#25	20.80	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.86	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.84	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.73	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.67	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.85	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.82	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.73	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.77	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.70	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.60	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.69	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.66	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.68	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.70	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.71	PASS
Band7	15MHz	64QAM	21100	1RB#0	22.11	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.81	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.58	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.85	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.86	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.82	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.86	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.93	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.79	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.69	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.78	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.78	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.77	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.76	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.85	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.75	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.80	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.81	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.81	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.77	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.87	PASS

Band7	20MHz	64QAM	21100	1RB#0	22.21	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.87	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.60	PASS
Band7	20MHz	64QAM	21100	50RB#0	21.13	PASS
Band7	20MHz	64QAM	21100	50RB#25	21.10	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.84	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.86	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.87	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.65	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.59	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.90	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.93	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.75	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.85	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	5.16	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	5.28	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	5.18	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	5.06	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	5.15	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	5.03	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	5.22	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	5.35	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	5.30	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	4.99	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.19	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.16	13	PASS

Test Graphs

Band7-5MHz-64QAM-20775-25RB#0

Band7-5MHz-64QAM-21100-25RB#0

Band7-5MHz-64QAM-21425-25RB#0

Band7-10MHz-64QAM-20800-50RB#0

Band7-10MHz-64QAM-21100-50RB#0

Band7-10MHz-64QAM-21400-50RB#0

Band7-15MHz-64QAM-20825-75RB#0

Band7-15MHz-64QAM-21100-75RB#0

Band7-15MHz-64QAM-21375-75RB#0

Band7-20MHz-64QAM-20850-100RB#0

Band7-20MHz-64QAM-21100-100RB#0

Band7-20MHz-64QAM-21350-100RB#0

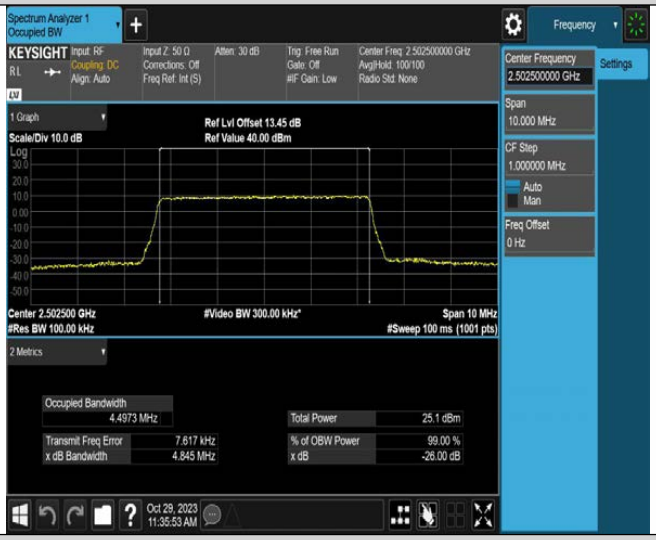
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

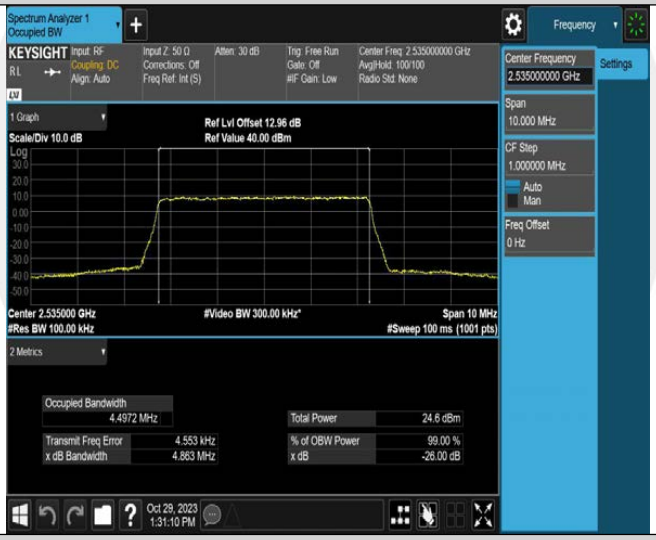
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	4.4973	4.845	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.4972	4.863	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.4976	4.854	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9740	9.521	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9740	9.522	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9767	9.563	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.437	14.28	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.457	14.26	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.490	14.29	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.894	18.92	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.931	18.99	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.961	18.99	PASS

Test Graphs

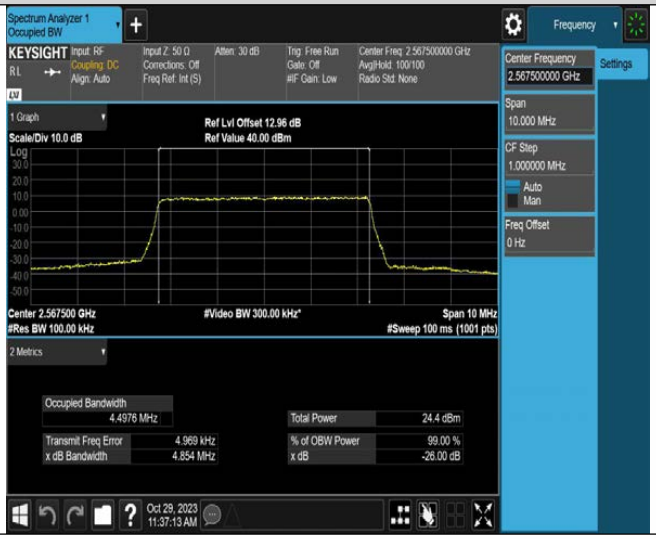
Band7-5MHz-64QAM-20775-25RB#0



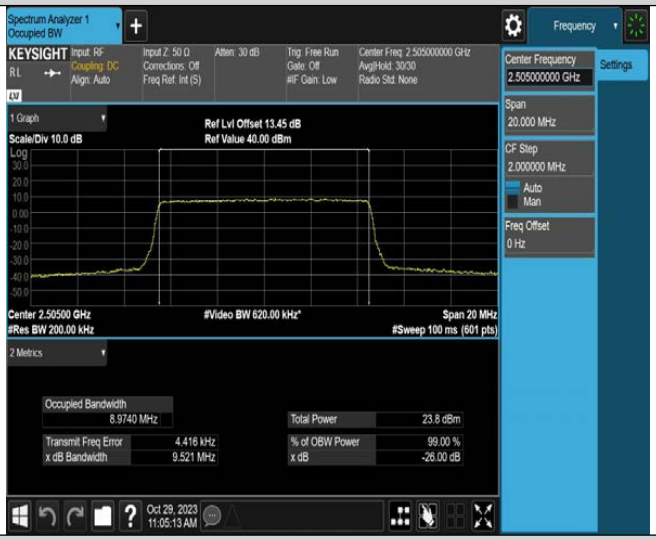
Band7-5MHz-64QAM-21100-25RB#0



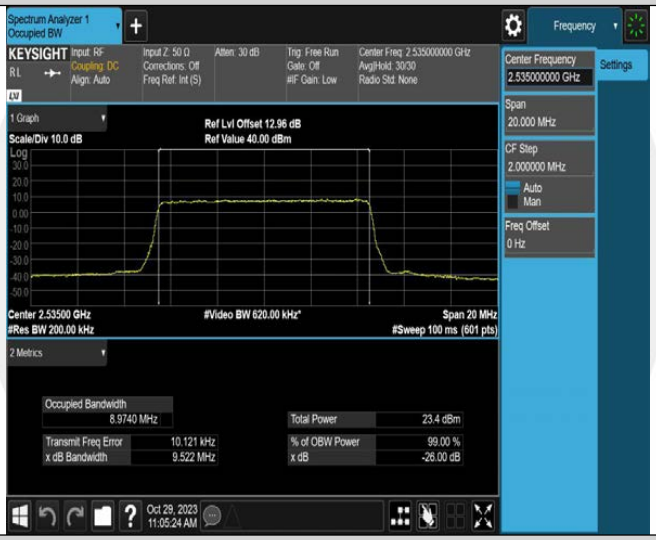
Band7-5MHz-64QAM-21425-25RB#0



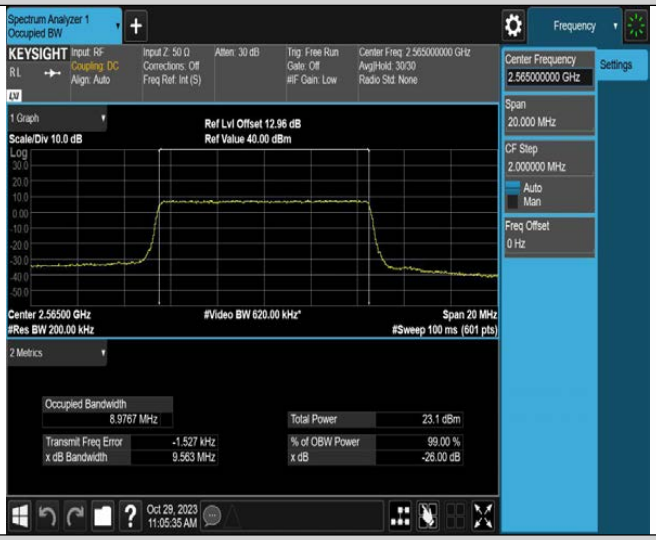
Band7-10MHz-64QAM-20800-50RB#0



Band7-10MHz-64QAM-21100-50RB#0

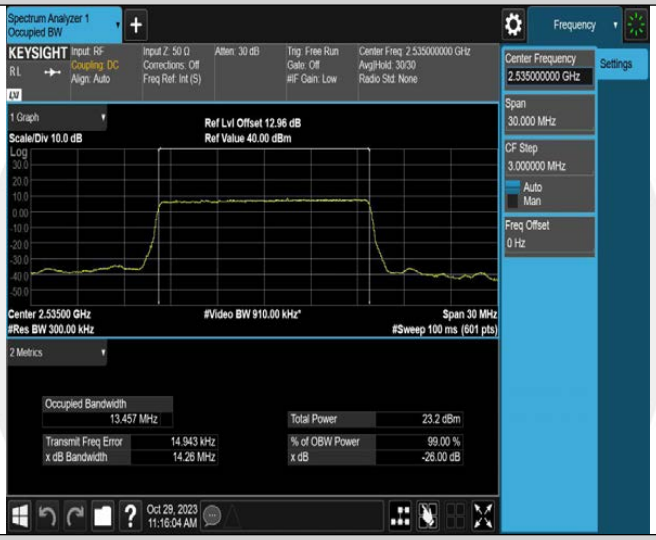


Band7-10MHz-64QAM-21400-50RB#0

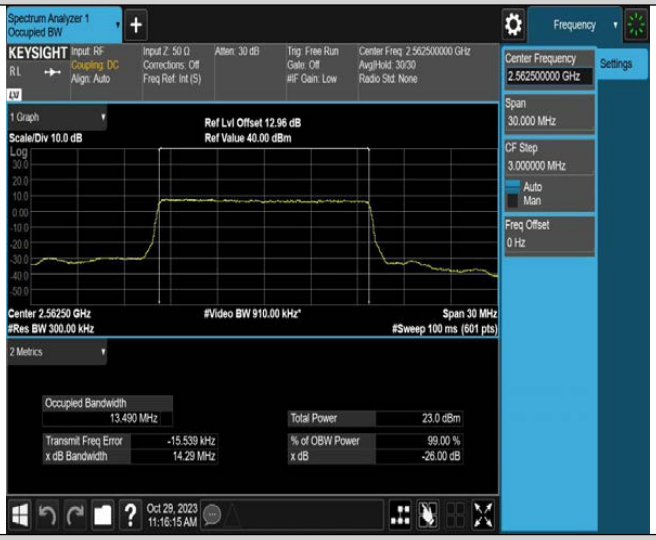


Band7-15MHz-64QAM-20825-75RB#0

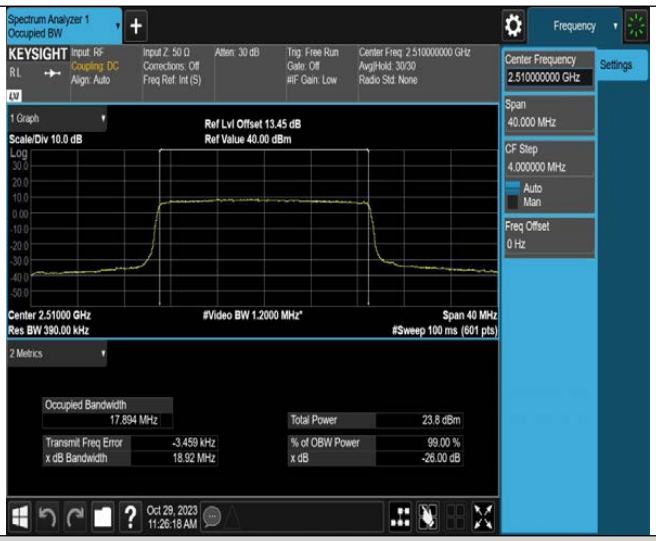
Band7-15MHz-64QAM-21100-75RB#0



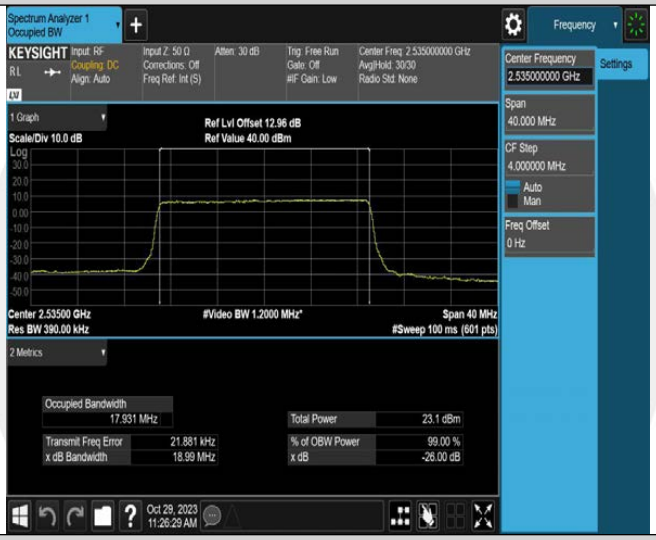
Band7-15MHz-64QAM-21375-75RB#0



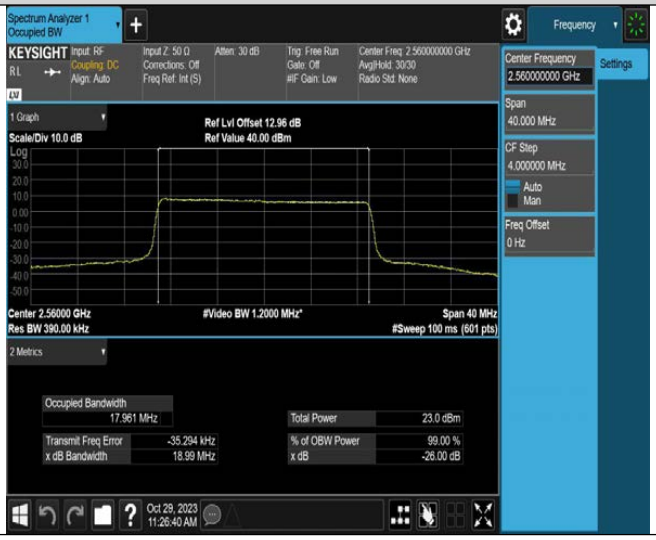
Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21100-100RB#0



Band7-20MHz-64QAM-21350-100RB#0



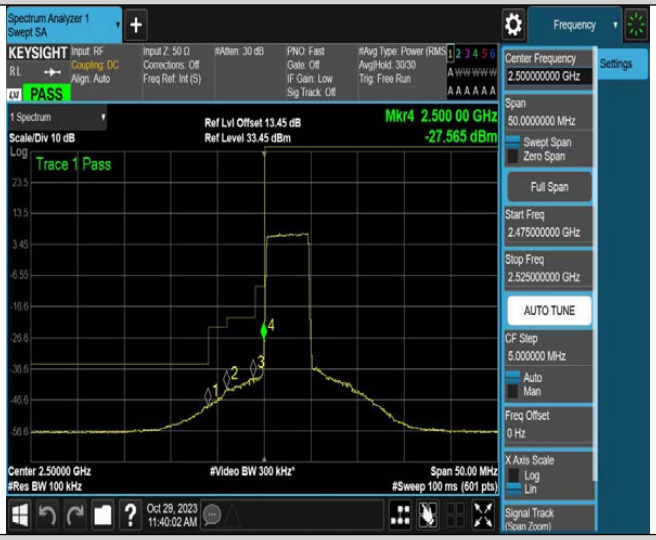
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	-48.49,-43.09,-39.57,-27.56	PASS
Band7	5MHz	64QAM	21425	25RB#0	-28.16,-39.33,-49.34,-49.60	PASS
Band7	10MHz	64QAM	20800	50RB#0	-48.66,-41.97,-38.07,-31.35	PASS
Band7	10MHz	64QAM	21400	50RB#0	-30.63,-36.43,-42.03,-51.25	PASS
Band7	15MHz	64QAM	20825	75RB#0	-43.12,-39.31,-36.60,-30.50	PASS
Band7	15MHz	64QAM	21375	75RB#0	-29.39,-34.16,-39.29,-50.76	PASS
Band7	20MHz	64QAM	20850	100RB#0	-39.42,-38.16,-36.01,-32.08	PASS
Band7	20MHz	64QAM	21350	100RB#0	-30.25,-33.90,-36.68,-50.64	PASS

Test Graphs

Band7-5MHz-64QAM-20775-25RB#0



Band7-5MHz-64QAM-21425-25RB#0

Band7-10MHz-64QAM-20800-50RB#0

Band7-10MHz-64QAM-21400-50RB#0

Band7-15MHz-64QAM-20825-75RB#0

Band7-15MHz-64QAM-21375-75RB#0

Band7-20MHz-64QAM-20850-100RB#0

Band7-20MHz-64QAM-21350-100RB#0

Appendix E: Conducted Spurious Emission

Test Result

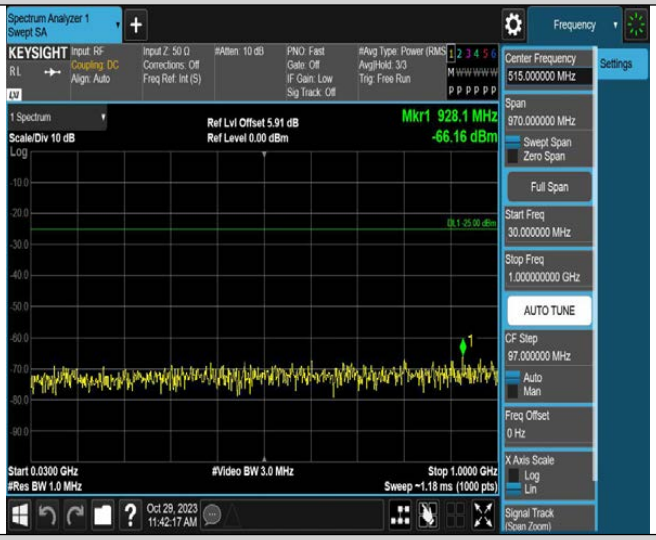
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	64QAM	20775	1RB#0	Range1:30~1000MHz	-66.16	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range2:1000~3000MHz	-39.25	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range3:3000~26500MHz	-44.08	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-67.2	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range2:1000~3000MHz	-39.7	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range3:3000~26500MHz	-44.99	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range1:30~1000MHz	-65.38	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range2:1000~3000MHz	-38.06	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range3:3000~26500MHz	-48.44	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range1:30~1000MHz	-65.81	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range2:1000~3000MHz	-39.53	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range3:3000~26500MHz	-48.87	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-66.91	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range2:1000~3000MHz	-39.83	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range3:3000~26500MHz	-45.27	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range1:30~1000MHz	-59.69	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range2:1000~	-38.85	PASS

					3000MHz		
Band7	10MHz	64QAM	21400	1RB#0	Range3:3000~26500MHz	-48.12	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range1:30~1000MHz	-65.9	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range2:1000~3000MHz	-39.52	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range3:3000~26500MHz	-48.06	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-66.17	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range2:1000~3000MHz	-39.41	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range3:3000~26500MHz	-45.48	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range1:30~1000MHz	-66.59	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range2:1000~3000MHz	-39.24	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range3:3000~26500MHz	-45.62	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-66.86	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~3000MHz	-39.26	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range3:3000~26500MHz	-47.07	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-66.62	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~3000MHz	-39.74	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range3:3000~26500MHz	-47.56	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-65.39	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~3000MHz	-38.75	PASS

Band7	20MHz	64QAM	21350	1RB#0	Range3:3000~26500MHz	-48.45	PASS

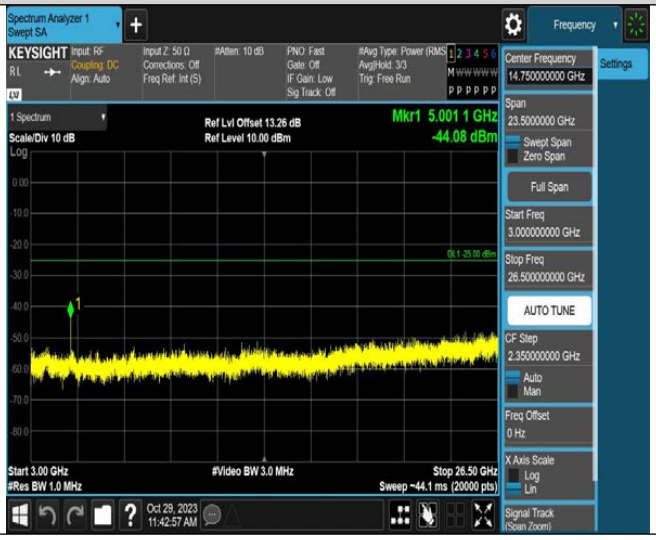
Test Graphs

Band7-5MHz-64QAM-20775-1RB#0-Range1:30~1000MHz

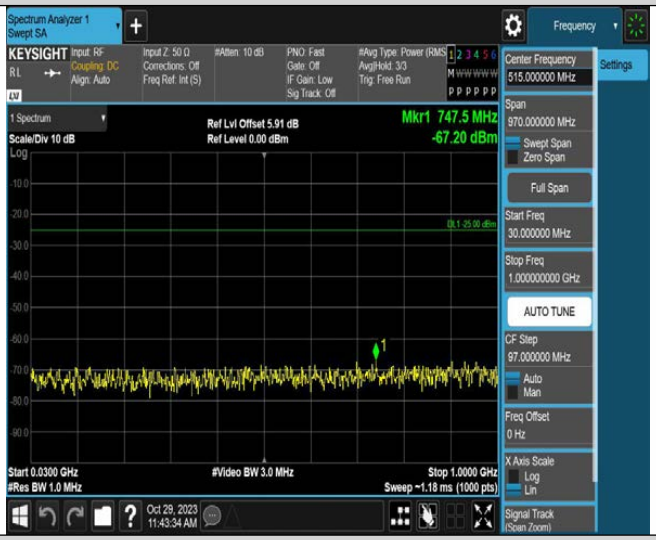


Band7-5MHz-64QAM-20775-1RB#0-Range2:1000~3000MHz

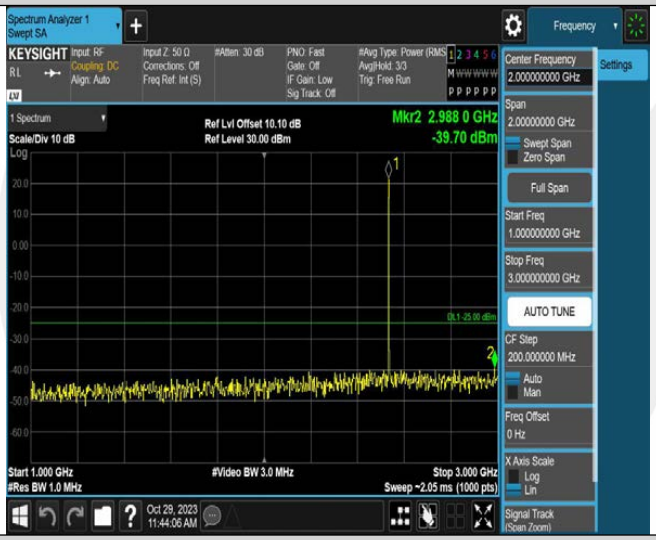
Band7-5MHz-64QAM-20775-1RB#0-Range3:3000~26500MHz



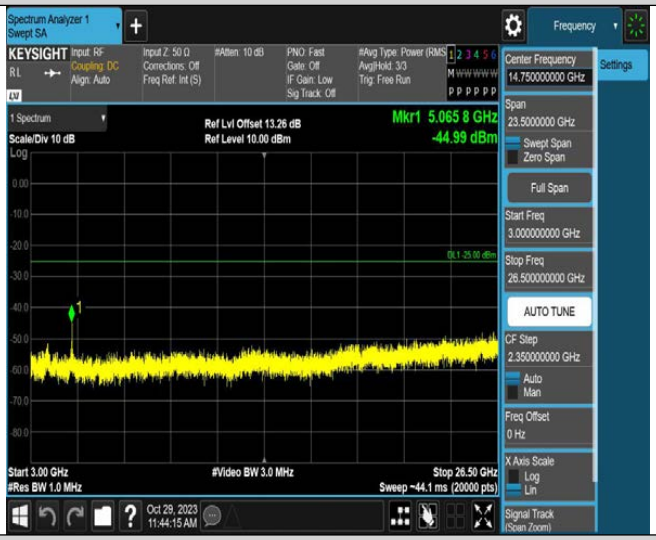
Band7-5MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

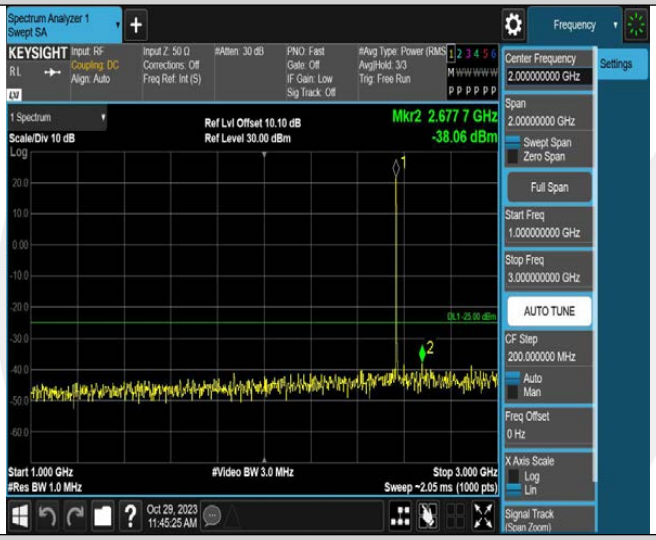


Band7-5MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz

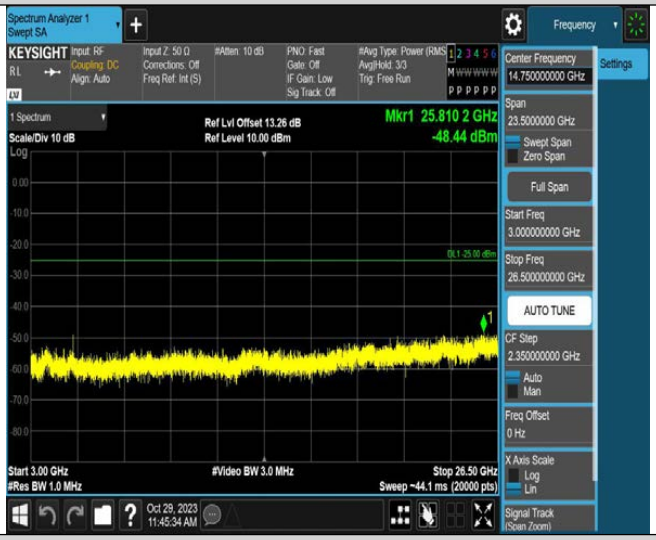


Band7-5MHz-64QAM-21425-1RB#0-Range1:30~1000MHz

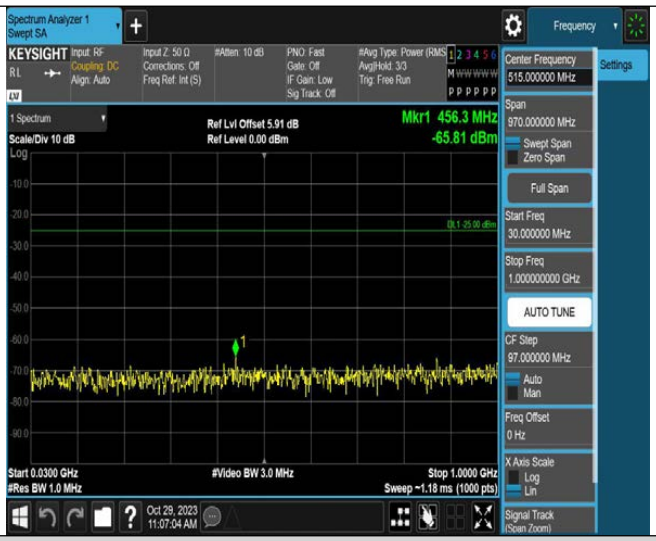
Band7-5MHz-64QAM-21425-1RB#0-Range2:1000~3000MHz



Band7-5MHz-64QAM-21425-1RB#0-Range3:3000~26500MHz

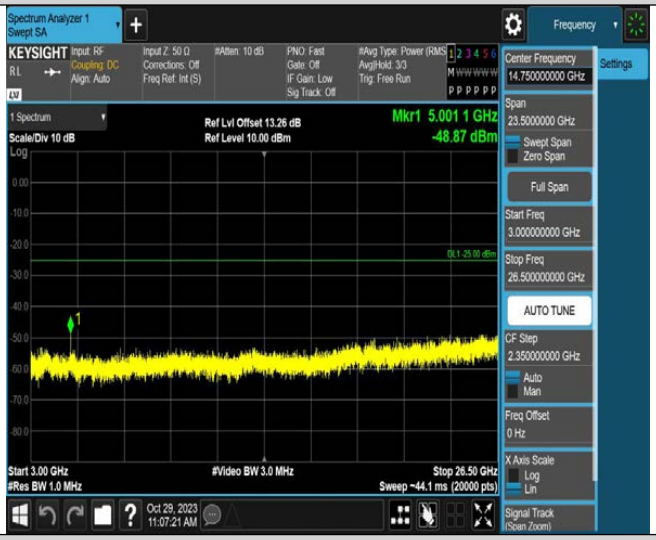


Band7-10MHz-64QAM-20800-1RB#0-Range1:30~1000MHz

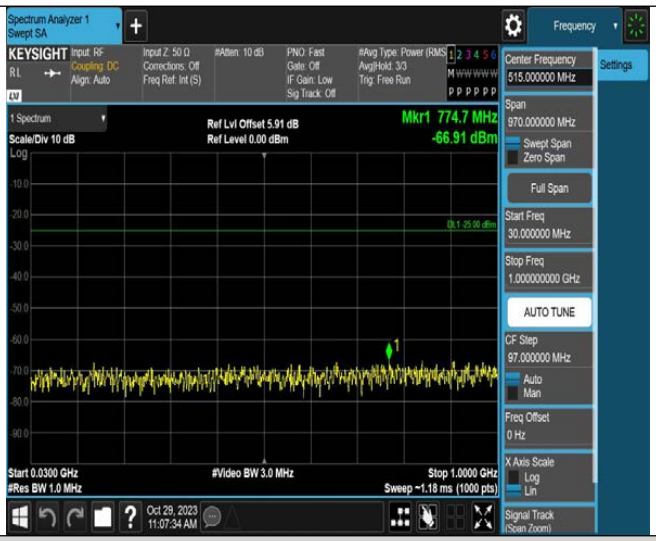


Band7-10MHz-64QAM-20800-1RB#0-Range2:1000~3000MHz

Band7-10MHz-64QAM-20800-1RB#0-Range3:3000~26500MHz

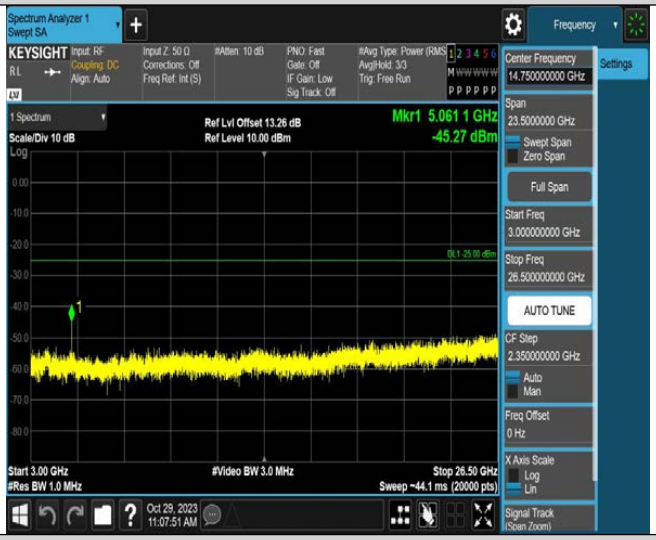


Band7-10MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

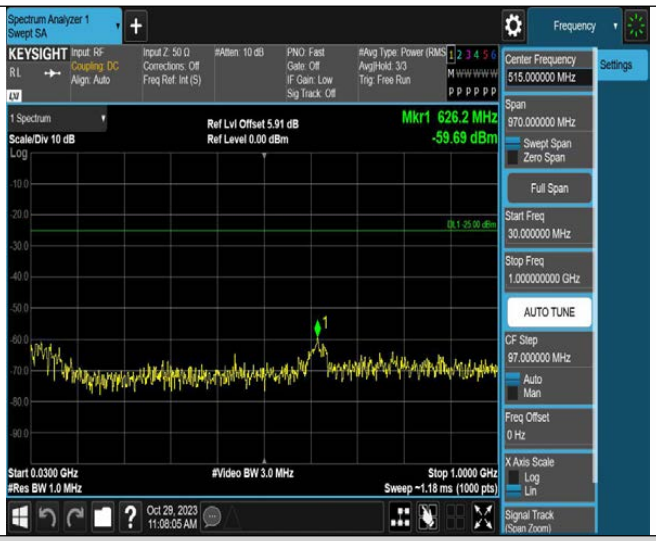


Band7-10MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

Band7-10MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz

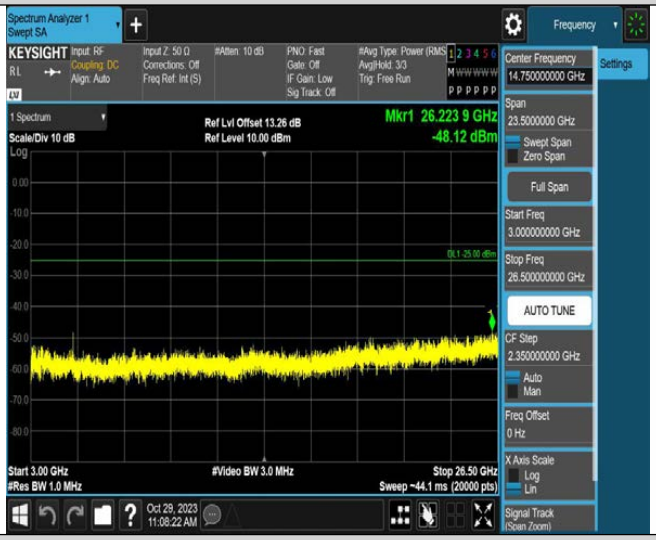


Band7-10MHz-64QAM-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~3000MHz

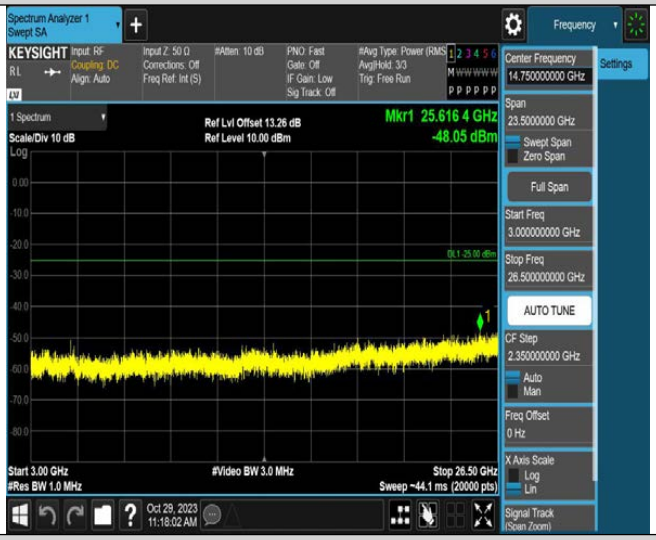
Band7-10MHz-64QAM-21400-1RB#0-Range3:3000~26500MHz



Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz

Band7-15MHz-64QAM-20825-1RB#0-Range2:1000~3000MHz

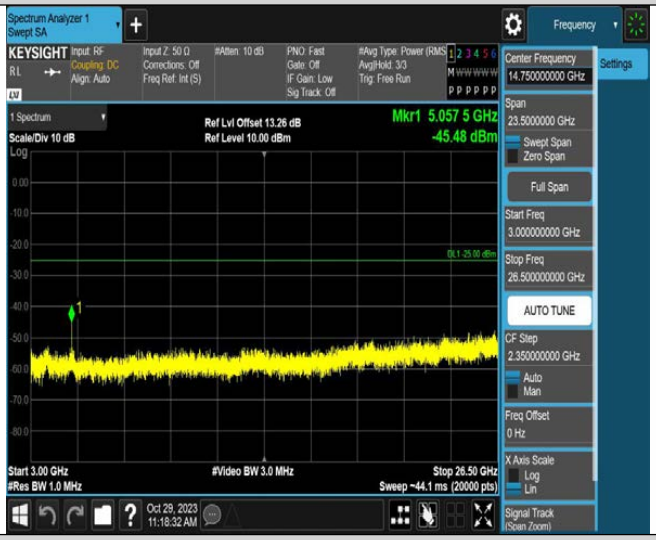
Band7-15MHz-64QAM-20825-1RB#0-Range3:3000~26500MHz



Band7-15MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

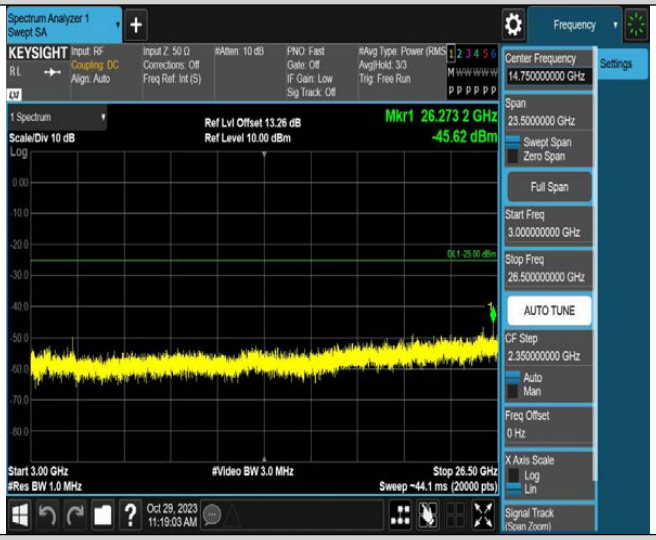
Band7-15MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz



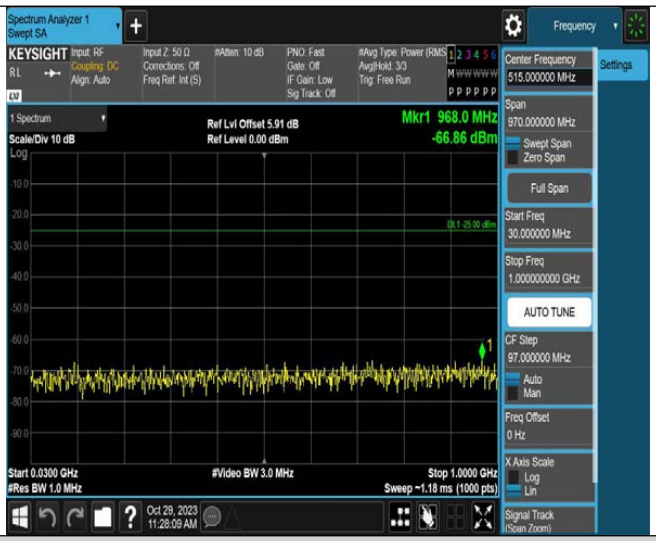
Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz

Band7-15MHz-64QAM-21375-1RB#0-Range2:1000~3000MHz

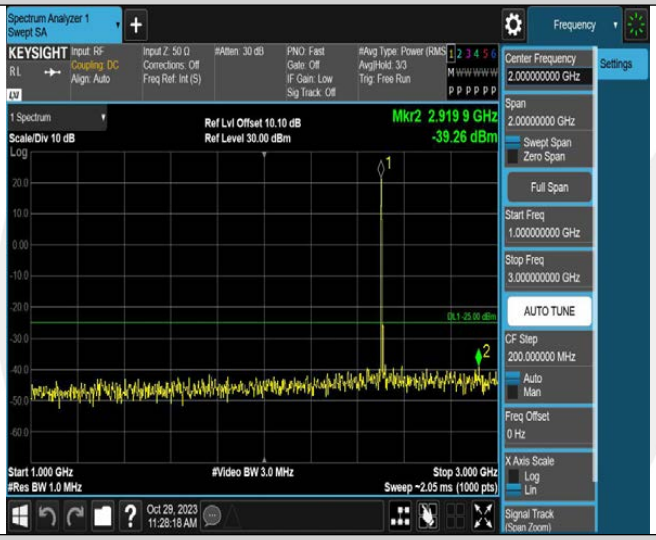
Band7-15MHz-64QAM-21375-1RB#0-Range3:3000~26500MHz



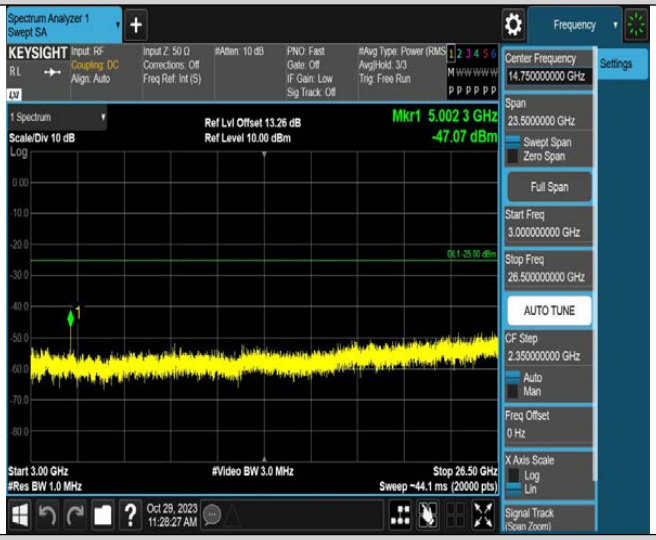
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



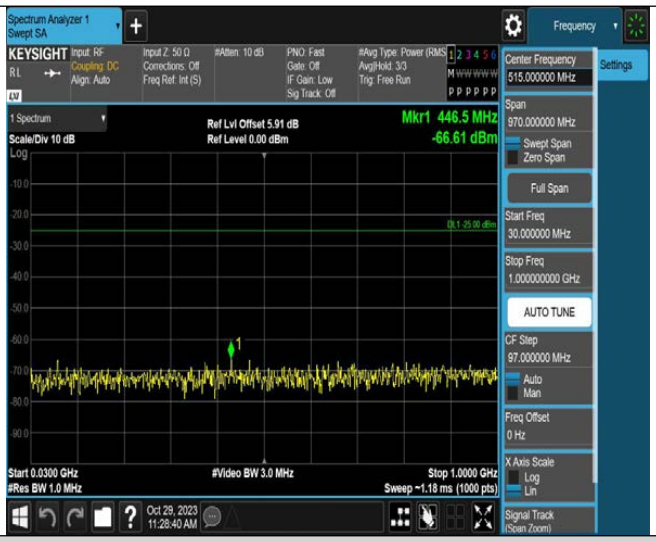
Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~3000MHz



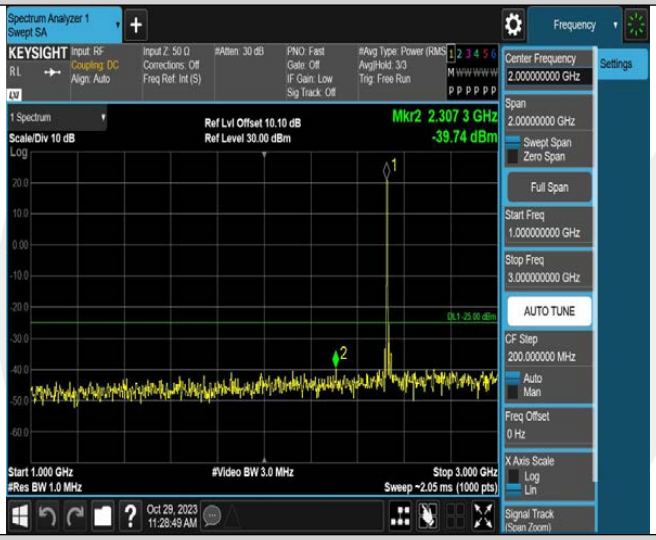
Band7-20MHz-64QAM-20850-1RB#0-Range3:3000~26500MHz



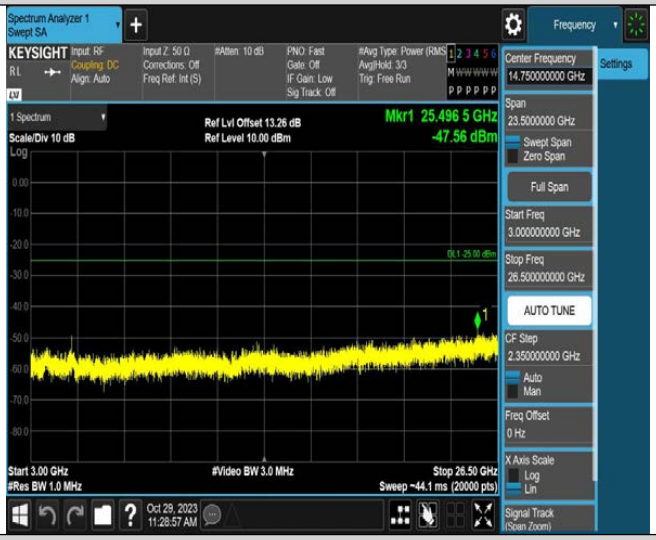
Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

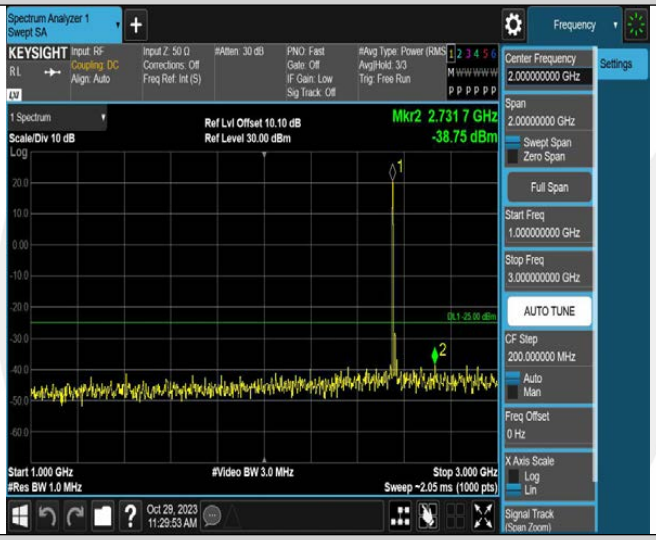


Band7-20MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz

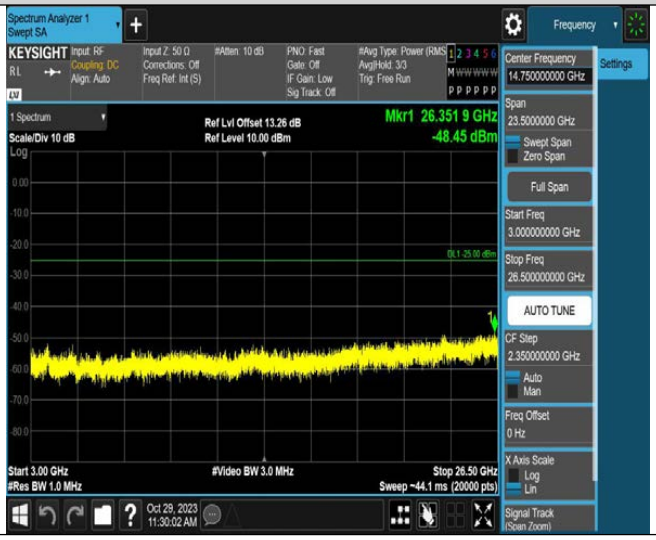


Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz

Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~3000MHz



Band7-20MHz-64QAM-21350-1RB#0-Range3:3000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	-5.38	-0.002150	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	-13.83	-0.005526	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	-12.29	-0.004911	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	11.67	0.004604	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	10.97	0.004327	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	11.30	0.004458	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	18.47	0.007194	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	10.99	0.004280	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	12.40	0.004830	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	-11.16	-0.004455	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	10.84	0.004327	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	10.21	0.004076	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	10.00	0.003945	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	10.11	0.003988	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	-9.93	-0.003917	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	-11.22	-0.004374	±2.5	PASS

Band7	10MHz	64QAM	21400	50RB#0	VN	NT	12.37	0.004823	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	-3.89	-0.001517	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VL	NT	13.00	0.005184	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	15.62	0.006229	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	14.18	0.005655	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	-6.12	-0.002414	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VN	NT	-8.87	-0.003499	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	-15.41	-0.006079	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	5.21	0.002033	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	-16.52	-0.006447	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	-15.62	-0.006096	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	-21.30	-0.008486	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-21.36	-0.008510	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-23.17	-0.009231	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	11.47	0.004525	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	10.39	0.004099	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-12.23	-0.004824	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	16.65	0.006504	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	10.23	0.00399	±2.5	PASS

								6		
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	13.13	0.005129	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	NV	-30	-6.48	-0.002589	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-20	-9.63	-0.003848	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-10	-11.76	-0.004699	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	0	-9.41	-0.003760	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	10	-15.11	-0.006038	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	20	-5.94	-0.002374	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	30	-11.86	-0.004739	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	40	-6.24	-0.002494	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	50	-10.89	-0.004352	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-30	-9.38	-0.003700	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-20	10.29	0.004059	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-10	-9.43	-0.003720	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	0	-10.70	-0.004221	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	10	13.42	0.005294	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	20	-10.19	-0.004020	±2.5	PASS

Band7	5MHz	64QAM	21100	25RB#0	NV	30	11.96	0.004718	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	40	8.51	0.003357	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	50	6.95	0.002742	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-30	17.95	0.006991	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-20	9.87	0.003844	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-10	17.98	0.007003	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	0	15.86	0.006177	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	10	9.93	0.003868	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	20	18.31	0.007131	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	30	9.56	0.003723	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	40	18.73	0.007295	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	50	11.54	0.004495	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	8.47	0.003381	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	8.40	0.003353	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-10	13.05	0.005210	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	0	9.61	0.003836	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	-11.40	-0.004551	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	10.10	0.004032	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	30	7.37	0.00294	±2.5	PASS

								2		
Band7	10MHz	64QAM	20800	50RB#0	NV	40	-6.69	-0.002671	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	50	-11.60	-0.004631	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	-5.91	-0.002331	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	7.31	0.002884	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-10	-7.64	-0.003014	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	-12.32	-0.004860	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	5.75	0.002268	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	-3.82	-0.001507	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	30	-10.04	-0.003961	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	40	-4.51	-0.001779	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	50	5.15	0.002032	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	-10.21	-0.003981	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	-9.63	-0.003754	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-10	13.06	0.005092	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	-8.20	-0.003197	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	-7.17	-0.002795	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	-11.34	-0.004421	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	30	11.66	0.004546	±2.5	PASS

Band7	10MHz	64QAM	21400	50RB#0	NV	40	-6.27	-0.002444	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	50	-8.03	-0.003131	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-30	14.46	0.005767	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-20	12.82	0.005113	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-10	14.73	0.005874	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	0	14.63	0.005834	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	10	10.26	0.004092	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	20	7.54	0.003007	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	30	16.81	0.006704	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	40	14.19	0.005659	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	50	11.39	0.004542	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-30	9.76	0.003850	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-20	-9.94	-0.003921	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-10	-11.13	-0.004391	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	0	9.14	0.003606	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	10	9.33	0.003680	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	20	-10.86	-0.004284	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	30	13.56	0.005349	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	40	-11.37	-0.0044	±2.5	PASS

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Band7	15MHz	64QAM	21100	75RB#0	NV	50	-8.24	-0.003250	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-30	-16.37	-0.006388	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-20	-14.03	-0.005475	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-10	-14.72	-0.005744	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	0	-12.95	-0.005054	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	10	-8.13	-0.003173	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	20	-14.89	-0.005811	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	30	-12.75	-0.004976	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	40	-15.94	-0.006220	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	50	-12.65	-0.004937	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-26.55	-0.010578	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-22.72	-0.009052	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	-18.14	-0.007227	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	-21.96	-0.008749	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-21.23	-0.008458	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	-22.70	-0.009044	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	-26.04	-0.010375	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	-17.45	-0.006952	±2.5	PASS

Band7	20MHz	64QAM	20850	100RB#0	NV	50	-25.98	-0.010351	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-10.24	-0.004039	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	9.17	0.003617	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	12.60	0.004970	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-11.06	-0.004363	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-9.66	-0.003811	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-9.86	-0.003890	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	10.47	0.004130	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	-9.28	-0.003661	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	13.06	0.005152	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	15.99	0.006246	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	14.65	0.005723	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	14.53	0.005676	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	14.83	0.005793	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	14.78	0.005773	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	16.37	0.006395	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	-8.57	-0.003348	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	14.20	0.005547	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	9.38	0.00366	±2.5	PASS

								4		