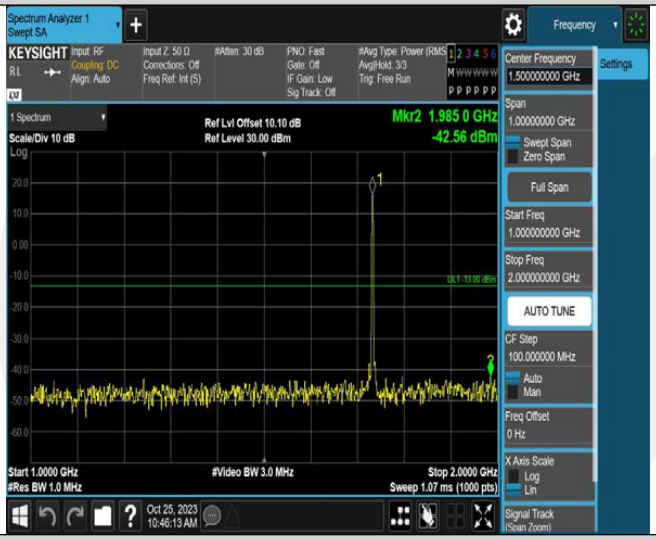
Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz

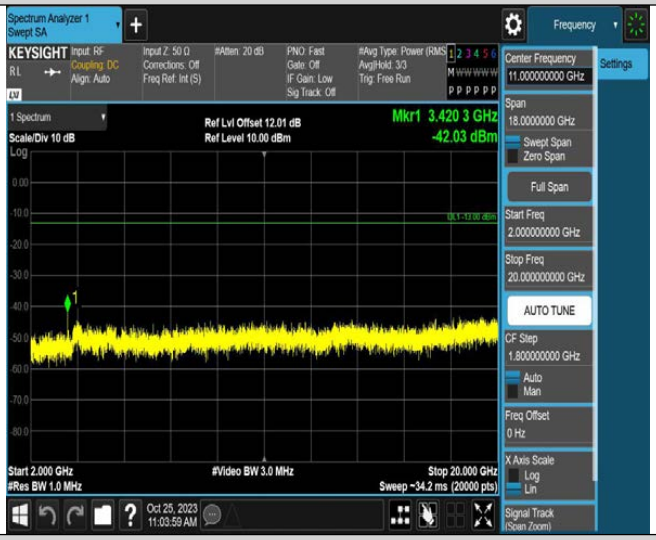
Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~2000MHz

Band4-1.4MHz-16QAM-20393-1RB#0-Range3:2000~20000MHz

Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz

Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~2000MHz

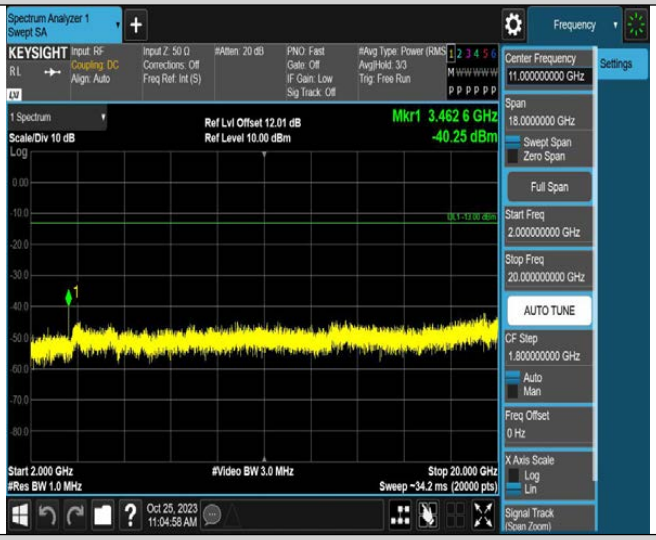
Band4-3MHz-QPSK-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz

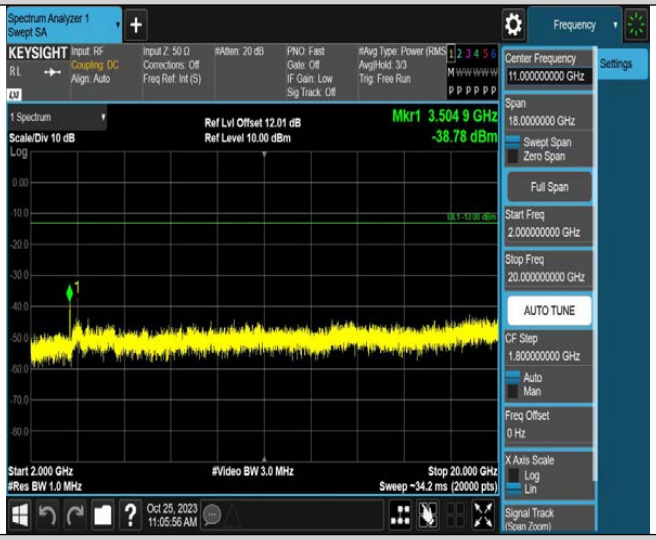
Band4-3MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz

Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~2000MHz

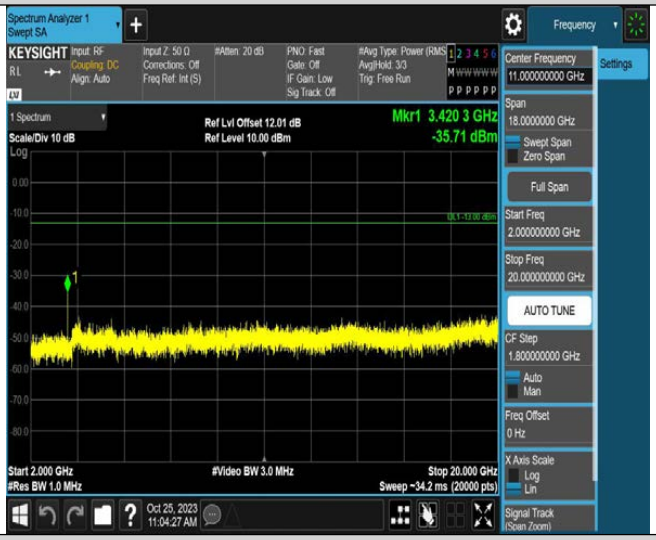
Band4-3MHz-QPSK-20385-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz

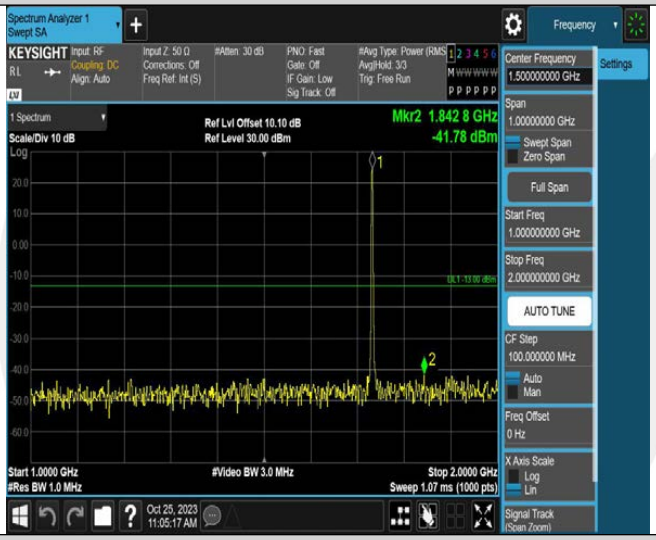
Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~2000MHz

Band4-3MHz-16QAM-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

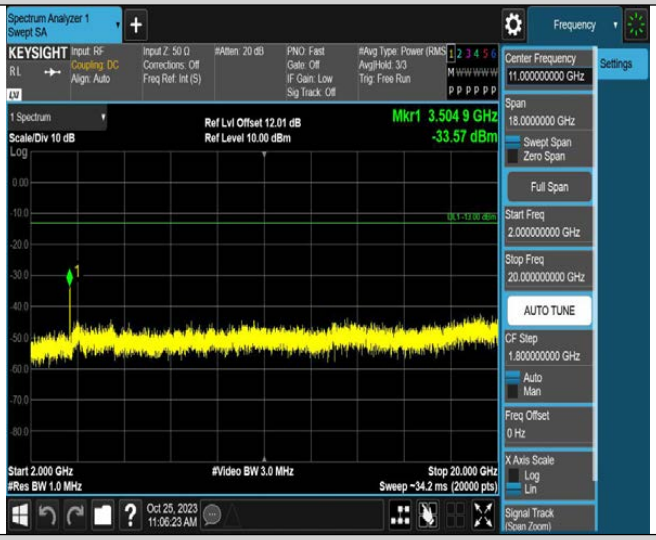


Band4-3MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz

Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~2000MHz

Band4-3MHz-16QAM-20385-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz

Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~2000MHz

Band4-5MHz-QPSK-19975-1RB#0-Range3:2000~20000MHz

Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz

Band4-5MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz

Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz

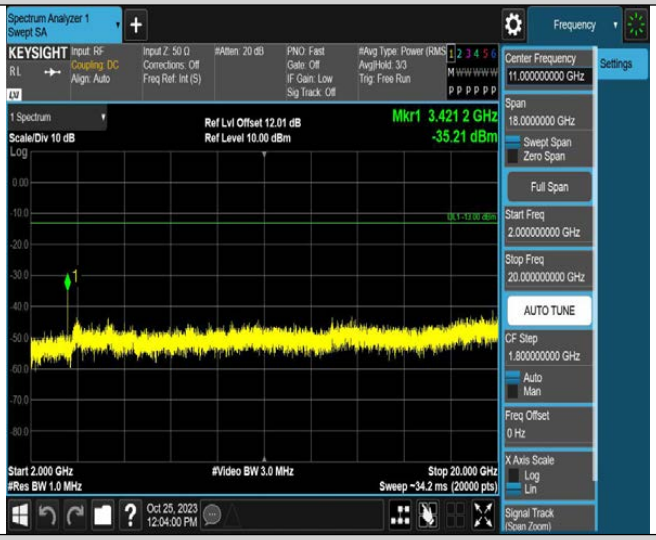
Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~2000MHz

Band4-5MHz-QPSK-20375-1RB#0-Range3:2000~20000MHz

Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz

Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~2000MHz

Band4-5MHz-16QAM-19975-1RB#0-Range3:2000~20000MHz



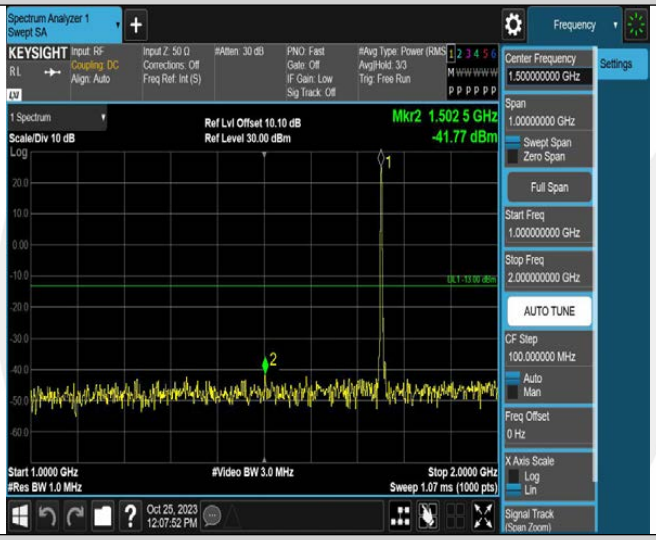
Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

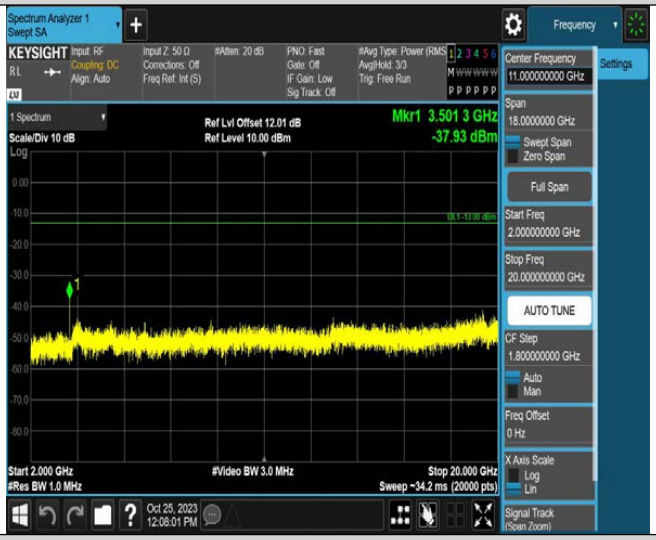
Band4-5MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz

Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~2000MHz



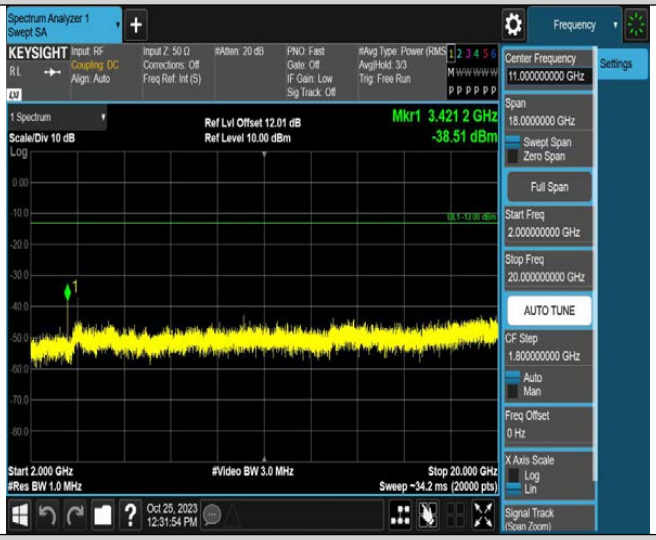
Band4-5MHz-16QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz

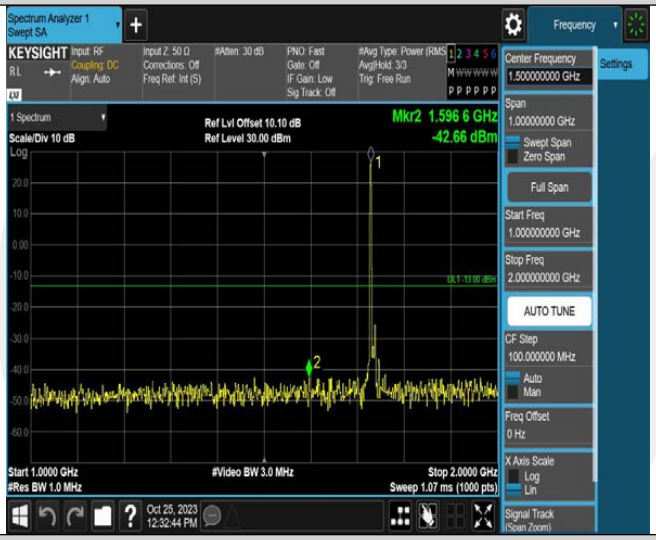
Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~2000MHz

Band4-10MHz-QPSK-20000-1RB#0-Range3:2000~20000MHz

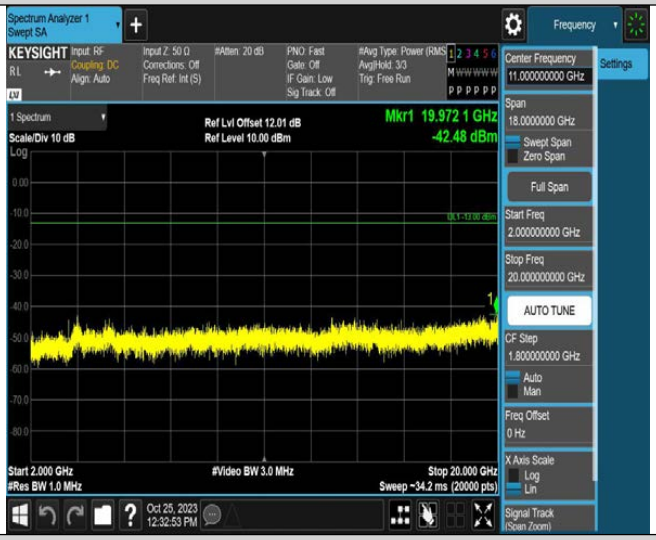


Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



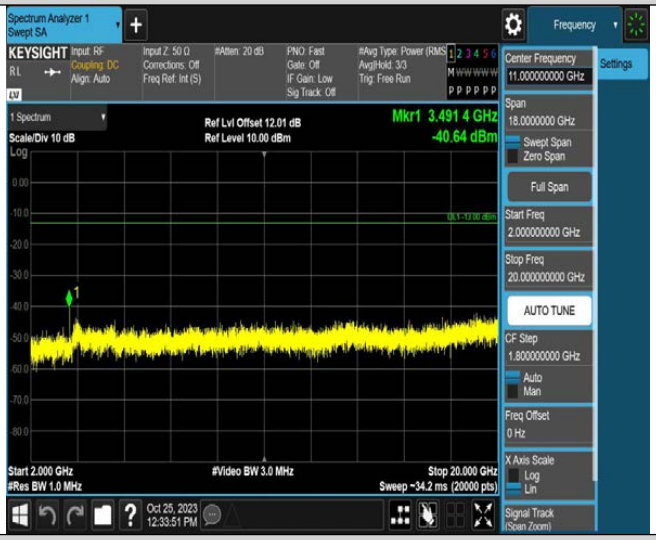
Band4-10MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz

Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~2000MHz

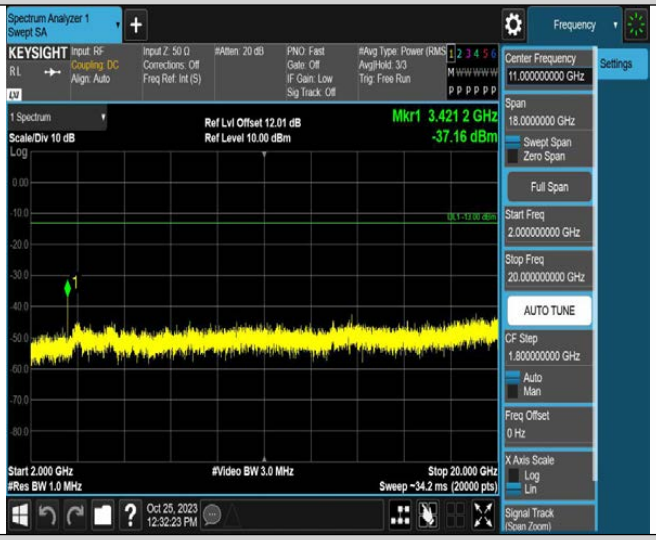
Band4-10MHz-QPSK-20350-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz

Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~2000MHz

Band4-10MHz-16QAM-20000-1RB#0-Range3:2000~20000MHz



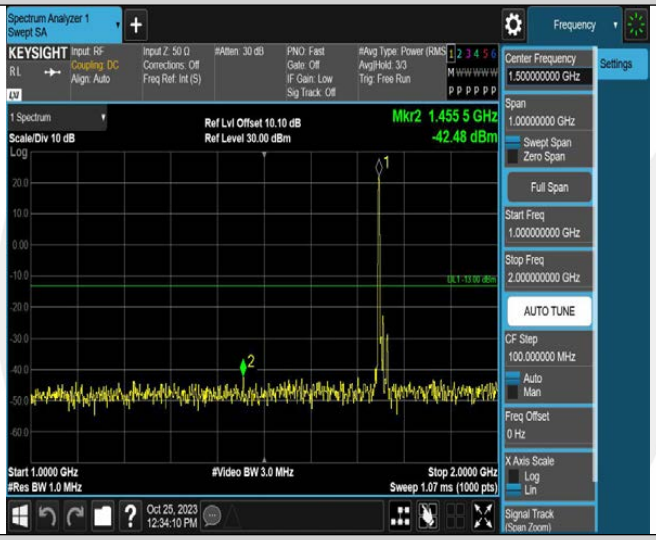
Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

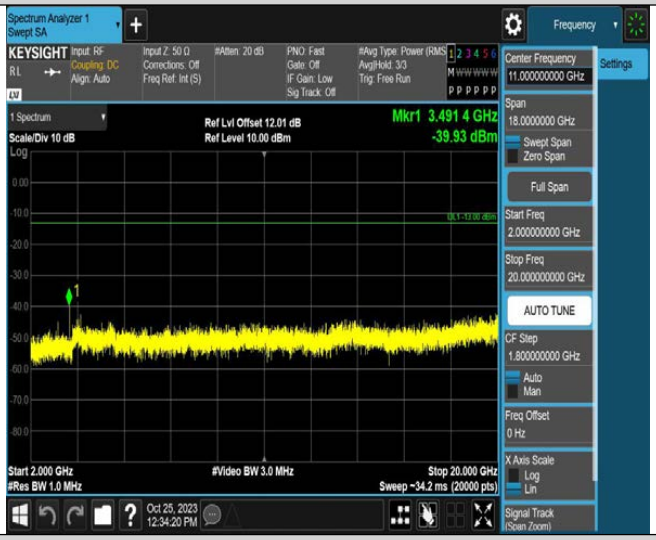
Band4-10MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz

Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz

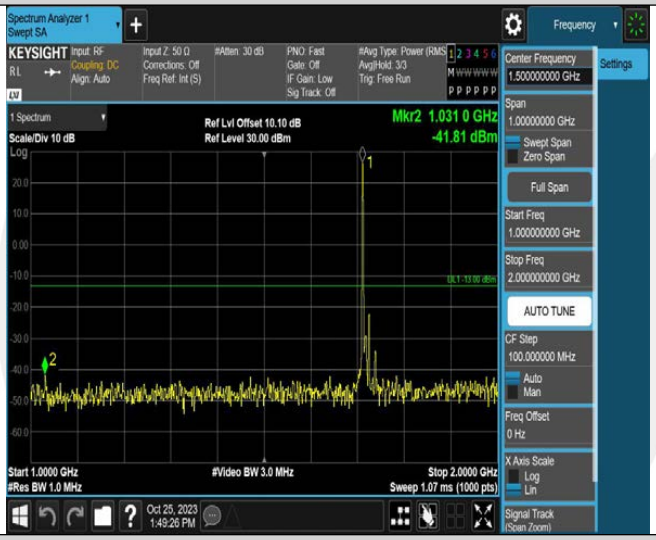


Band4-10MHz-16QAM-20350-1RB#0-Range3:2000~20000MHz

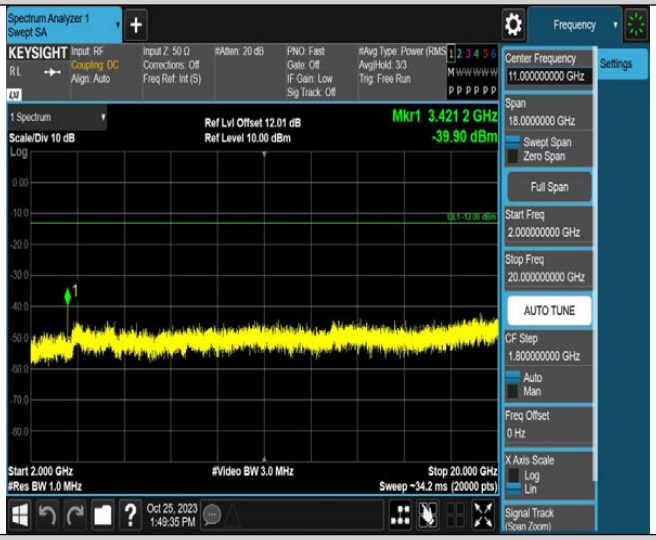


Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz

Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~2000MHz



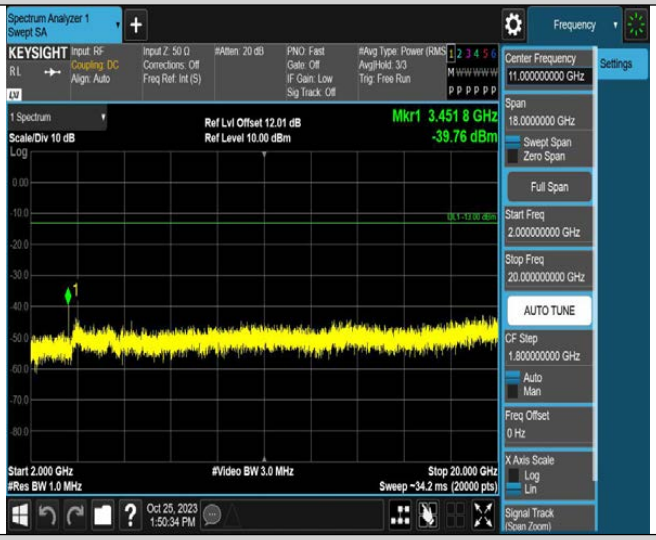
Band4-15MHz-QPSK-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

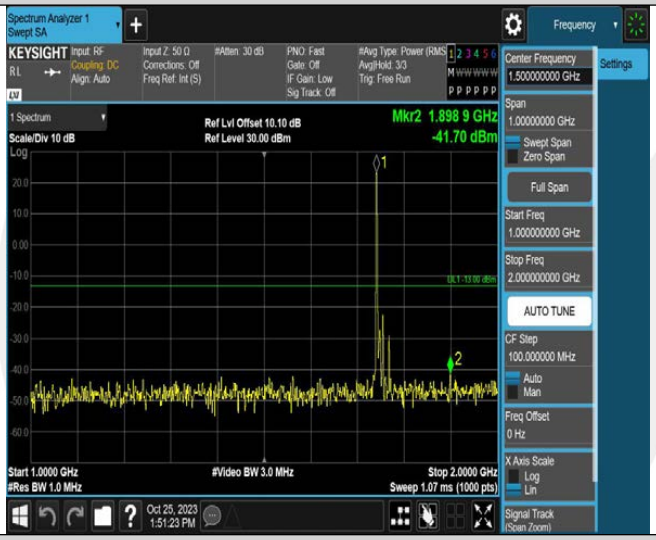
Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz

Band4-15MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz

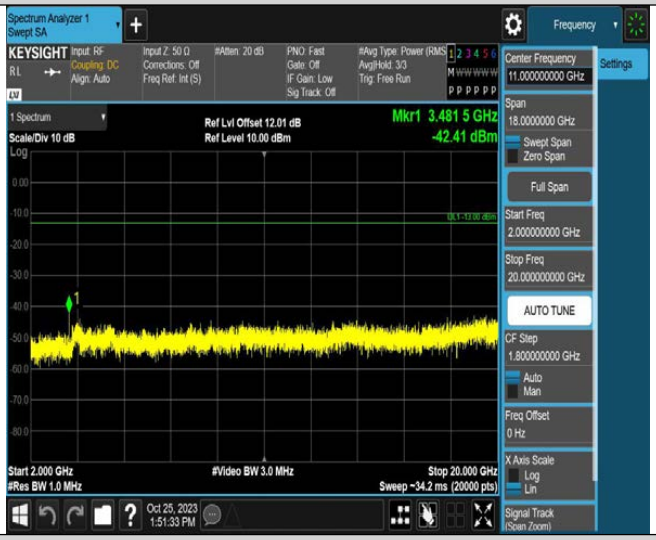


Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz

Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~2000MHz

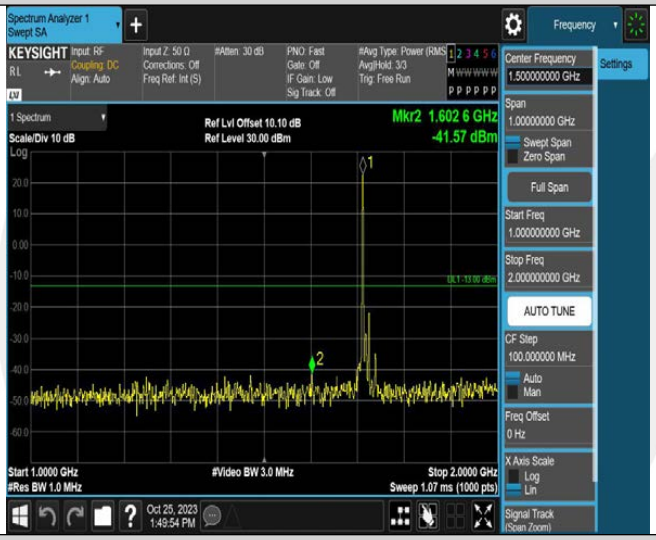


Band4-15MHz-QPSK-20325-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz

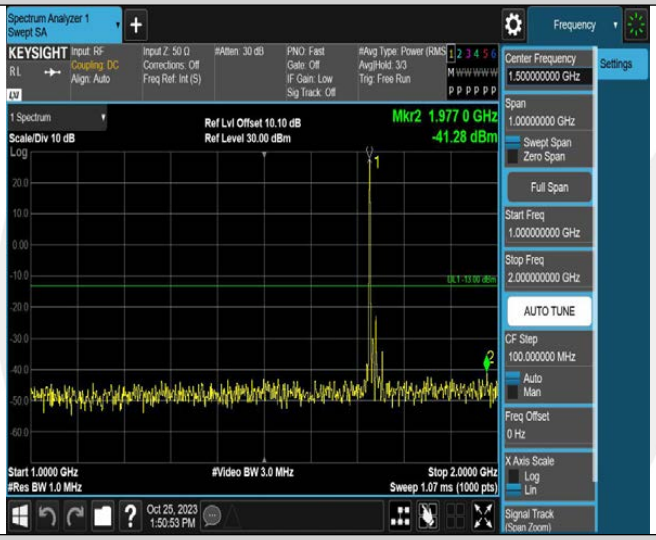
Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range3:2000~20000MHz

Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

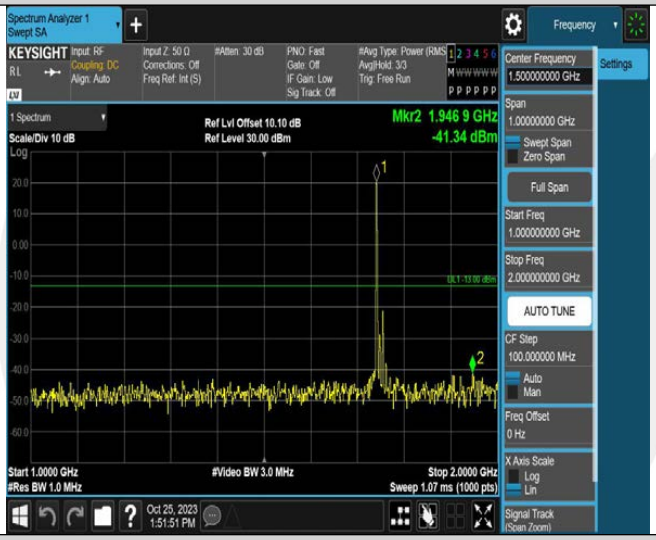
Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



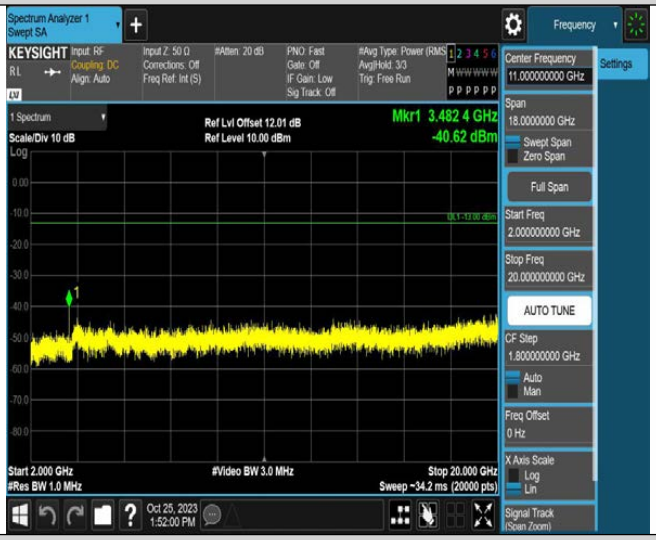
Band4-15MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz

Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~2000MHz

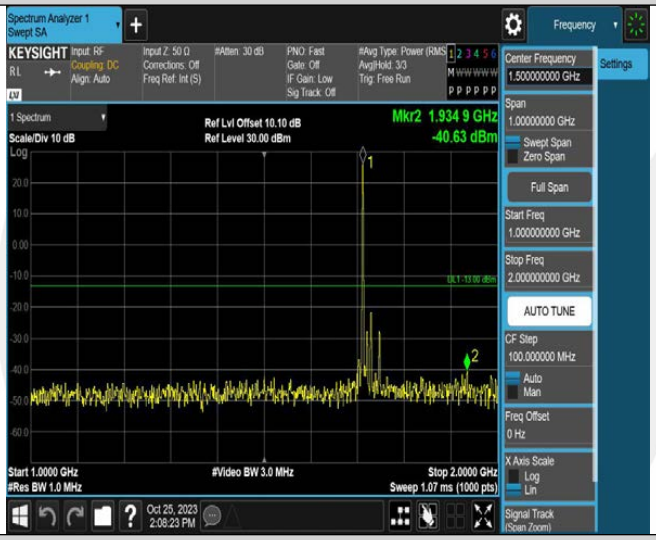


Band4-15MHz-16QAM-20325-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz

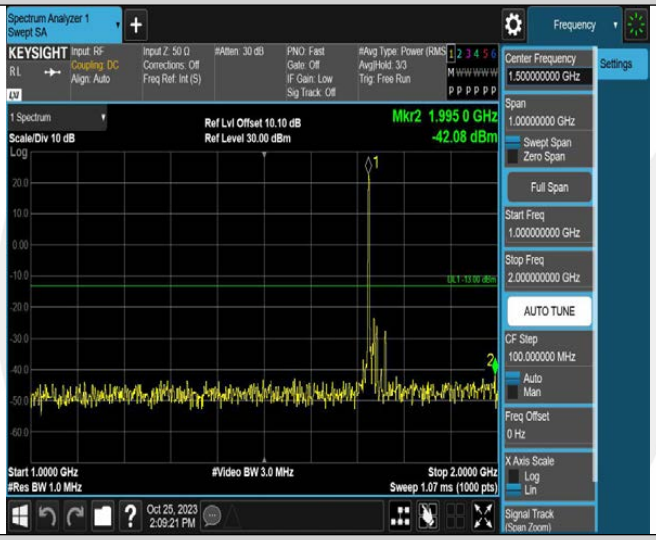
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range3:2000~20000MHz

Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

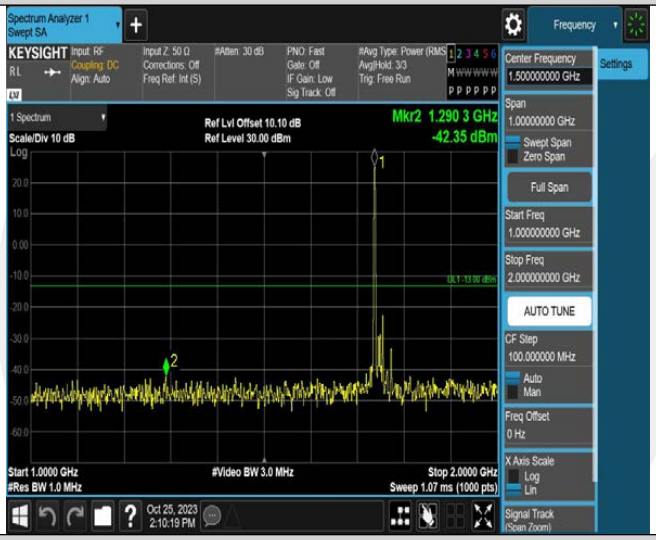
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



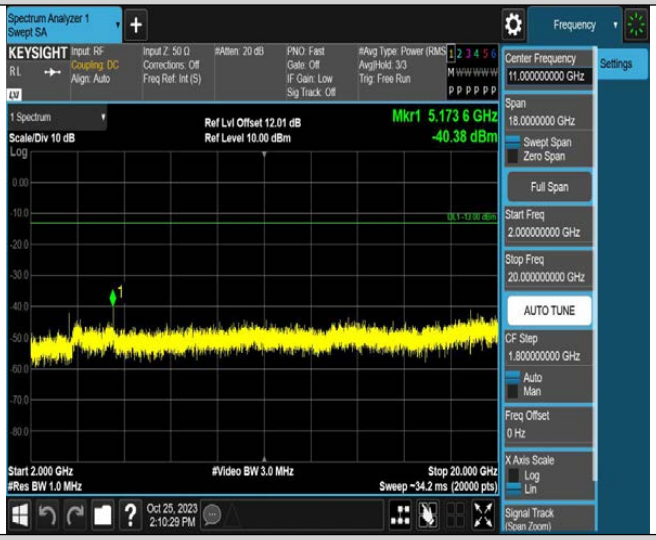
Band4-20MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz

Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz

Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz

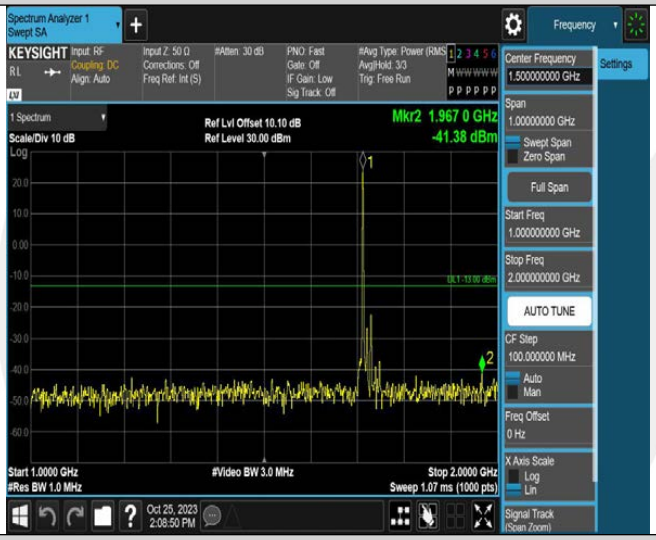


Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz

Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range3:2000~20000MHz

Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

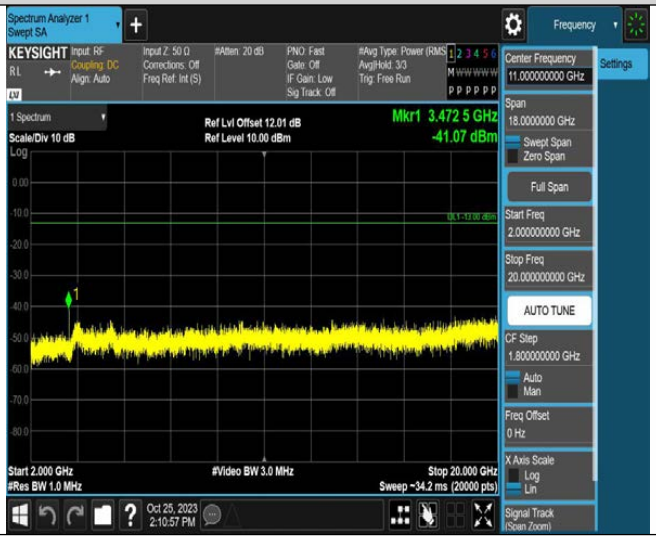
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz

Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz

Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz

Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	10.30	0.006021	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	14.65	0.008564	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	13.06	0.007634	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	16.47	0.009506	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	21.87	0.012623	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	18.87	0.010892	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	16.39	0.009343	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	8.58	0.004891	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	18.50	0.010546	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-7.87	-0.004600	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	3.95	0.002309	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-3.42	-0.001999	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	4.69	0.002707	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-7.25	-0.004185	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-4.35	-0.002511	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	6.57	0.003745	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	2.89	0.001647	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.57	-0.003745	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	9.48	0.005539	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	8.64	0.005048	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	7.42	0.004335	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	15.88	0.009166	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	12.30	0.007100	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	7.91	0.004566	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	8.67	0.004944	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	12.37	0.007054	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	13.55	0.007727	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	5.99	0.003500	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	5.74	0.003354	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	13.13	0.007672	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	13.32	0.007688	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	12.30	0.007100	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	12.07	0.006967	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	12.23	0.006975	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	13.56	0.00773	±2.5	PASS

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Band4	3MHz	16QAM	20385	15RB#0	VH	NT	12.80	0.007300	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-6.25	-0.003650	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	5.28	0.003083	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-8.47	-0.004946	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	8.78	0.005068	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	12.89	0.007440	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	7.77	0.004485	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	9.71	0.005541	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	7.48	0.004268	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	6.84	0.003903	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-8.73	-0.005098	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-7.40	-0.004321	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-4.18	-0.002441	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	9.57	0.005524	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	5.76	0.003325	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	10.49	0.006055	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	5.55	0.003167	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	4.15	0.002368	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-6.04	-0.003447	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	3.59	0.002093	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	9.10	0.005306	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	7.25	0.004227	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	9.71	0.005605	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	10.17	0.005870	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	8.45	0.004877	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	4.43	0.002531	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	6.31	0.003606	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-4.59	-0.002623	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	8.35	0.004869	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	4.06	0.002367	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	6.74	0.003930	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	6.29	0.003631	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	13.48	0.007781	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	9.01	0.005201	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-5.01	-0.002863	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	5.24	0.002994	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	3.48	0.00198	±2.5	PASS

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Band4	15MHz	QPSK	20025	75RB#0	VL	NT	10.97	0.006387	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	11.67	0.006795	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	10.84	0.006311	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	9.90	0.005714	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	10.00	0.005772	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	9.58	0.005530	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	8.87	0.005076	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	9.90	0.005665	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	8.38	0.004795	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	14.36	0.008361	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	11.70	0.006812	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	8.93	0.005199	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	8.63	0.004981	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	9.28	0.005356	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	6.21	0.003584	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	7.62	0.004361	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	10.56	0.006043	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	9.51	0.005442	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-10.09	-0.005866	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-4.09	-0.002378	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-5.51	-0.003203	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	9.87	0.005697	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	12.73	0.007348	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	12.47	0.007198	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-8.00	-0.004585	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	7.82	0.004481	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	7.25	0.004155	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-6.39	-0.003715	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-9.38	-0.005453	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-5.62	-0.003267	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	10.77	0.006216	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	11.47	0.006620	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	7.62	0.004398	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	9.94	0.005696	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	6.21	0.003559	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-8.14	-0.004665	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	8.98	0.005249	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	7.04	0.004115	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	7.22	0.004220	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-2.29	-0.001339	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	4.35	0.002543	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	7.60	0.004443	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-7.15	-0.004180	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	5.32	0.003110	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-9.10	-0.005319	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	11.33	0.006540	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	5.92	0.003417	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	5.39	0.003111	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-3.40	-0.001962	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	7.01	0.004046	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-10.06	-0.005807	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-6.92	-0.003994	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-12.10	-0.006984	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-9.81	-0.0056	±2.5	PASS

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Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	21.21	0.012090	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	20.79	0.011851	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	16.37	0.009331	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	20.11	0.011463	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	18.54	0.010568	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	12.93	0.007370	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	11.86	0.006761	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	7.98	0.004549	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	9.70	0.005529	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	3.33	0.001947	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-10.06	-0.005881	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-3.53	-0.002063	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-7.40	-0.004326	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-7.18	-0.004197	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-7.22	-0.004220	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-4.98	-0.002911	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-4.28	-0.002502	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-9.64	-0.005635	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-5.35	-0.003088	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-9.97	-0.005755	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-9.38	-0.005414	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	4.06	0.002343	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	3.19	0.001841	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-9.23	-0.005328	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-3.42	-0.001974	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-5.04	-0.002909	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	2.68	0.001547	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.26	-0.002998	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-4.85	-0.002765	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-4.58	-0.002611	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	3.58	0.002041	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-5.64	-0.003215	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-4.79	-0.002730	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-4.76	-0.002713	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-5.42	-0.003090	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-2.69	-0.001533	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	10.73	0.00626	±2.5	PASS

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Band4	3MHz	QPSK	19965	15RB#0	NV	-20	16.92	0.009886	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	12.90	0.007537	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	11.17	0.006526	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	12.04	0.007035	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	12.30	0.007187	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	7.34	0.004289	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	6.04	0.003529	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	13.02	0.007607	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	10.51	0.006066	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	12.85	0.007417	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	11.00	0.006349	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	9.33	0.005385	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	15.92	0.009189	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	13.82	0.007977	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	7.04	0.004063	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	10.99	0.006343	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	15.12	0.008727	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	12.79	0.007294	±2.5	PASS

Band4	3MHz	QPSK	20385	15RB#0	NV	-20	10.30	0.005874	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	10.91	0.006222	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	13.78	0.007859	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	13.46	0.007676	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	9.68	0.005520	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	4.52	0.002578	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	16.08	0.009170	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	14.49	0.008263	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	8.37	0.004890	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	6.42	0.003751	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	8.41	0.004914	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	8.83	0.005159	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	12.60	0.007362	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	14.26	0.008332	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	6.32	0.003693	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	10.71	0.006258	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	10.90	0.006369	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	10.77	0.006216	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	7.74	0.00446	±2.5	PASS

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Band4	3MHz	16QAM	20175	15RB#0	NV	-10	6.85	0.003954	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	12.49	0.007209	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	9.38	0.005414	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	12.72	0.007342	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	11.56	0.006672	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	5.56	0.003209	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	10.60	0.006118	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	12.59	0.007180	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	8.23	0.004693	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	8.28	0.004722	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	13.46	0.007676	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	9.78	0.005577	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	12.55	0.007157	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	16.37	0.009336	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	9.51	0.005423	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	8.31	0.004739	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	5.58	0.003258	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-5.76	-0.003364	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	NV	-10	5.26	0.003072	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-5.34	-0.003118	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-4.73	-0.002762	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-7.64	-0.004461	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-7.22	-0.004216	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-4.65	-0.002715	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-6.79	-0.003965	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	9.63	0.005558	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	10.30	0.005945	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	12.23	0.007059	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	11.97	0.006909	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	10.96	0.006326	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	12.35	0.007128	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	11.82	0.006823	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	10.79	0.006228	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	11.01	0.006355	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	7.93	0.004525	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	10.74	0.006128	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	6.44	0.00367	±2.5	PASS

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Band4	5MHz	QPSK	20375	25RB#0	NV	0	5.68	0.003241	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	6.18	0.003526	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-2.96	-0.001689	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	8.51	0.004856	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	3.03	0.001729	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	5.01	0.002859	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-7.84	-0.004578	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-7.64	-0.004461	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	-7.85	-0.004584	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	2.09	0.001220	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	4.09	0.002388	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-7.28	-0.004251	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-7.08	-0.004134	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-7.82	-0.004566	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-4.16	-0.002429	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	9.87	0.005697	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	5.78	0.003336	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	12.56	0.007250	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	0	12.20	0.007042	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	7.61	0.004392	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	10.81	0.006240	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	9.88	0.005703	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	6.64	0.003833	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	13.22	0.007631	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	2.42	0.001381	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	2.30	0.001312	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	2.72	0.001552	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-7.34	-0.004188	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	5.35	0.003053	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	7.58	0.004325	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	5.87	0.003350	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-3.08	-0.001757	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-5.79	-0.003304	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	8.57	0.004997	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	4.72	0.002752	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	9.16	0.005341	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-4.98	-0.0029	±2.5	PASS

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Band4	10MHz	QPSK	20000	50RB#0	NV	10	-3.02	-0.001761	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	9.60	0.005598	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	5.12	0.002985	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	7.80	0.004548	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	9.08	0.005294	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	9.84	0.005680	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	5.04	0.002909	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	6.88	0.003971	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	10.63	0.006136	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	10.17	0.005870	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	13.83	0.007983	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	11.30	0.006522	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	10.30	0.005945	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	14.38	0.008300	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-2.53	-0.001446	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	8.44	0.004823	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	-5.97	-0.003411	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	5.16	0.002949	±2.5	PASS

Band4	10MHz	QPSK	20350	50RB#0	NV	10	6.65	0.003800	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-2.96	-0.001691	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-6.65	-0.003800	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	2.78	0.001589	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-6.34	-0.003623	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	2.05	0.001195	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-3.43	-0.002000	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	6.24	0.003638	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	5.06	0.002950	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	8.63	0.005032	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	2.62	0.001528	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-6.72	-0.003918	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	3.91	0.002280	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	5.69	0.003318	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	8.63	0.004981	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	16.52	0.009535	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	9.84	0.005680	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	11.22	0.006476	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	10.00	0.00577	±2.5	PASS

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Band4	10MHz	16QAM	20175	50RB#0	NV	20	13.96	0.008058	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	12.07	0.006967	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	8.20	0.004733	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	6.11	0.003527	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	8.10	0.004629	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	10.00	0.005714	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	7.37	0.004211	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	6.64	0.003794	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	5.71	0.003263	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	2.88	0.001646	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-3.98	-0.002274	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	3.89	0.002223	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	3.15	0.001800	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	10.39	0.006049	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	11.73	0.006830	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	11.24	0.006544	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	8.87	0.005164	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	12.07	0.007028	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	20	10.33	0.006015	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	8.01	0.004664	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	15.16	0.008827	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	10.26	0.005974	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	7.78	0.004491	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	9.81	0.005662	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	9.91	0.005720	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	10.90	0.006291	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	12.70	0.007330	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	13.89	0.008017	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	13.22	0.007631	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	8.60	0.004964	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	6.14	0.003544	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	10.46	0.005986	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	10.33	0.005911	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	9.44	0.005402	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	8.17	0.004675	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	7.88	0.004509	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	5.16	0.00295	±2.5	PASS

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Band4	15MHz	QPSK	20325	75RB#0	NV	30	10.10	0.005780	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	11.64	0.006661	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	7.97	0.004561	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	12.40	0.007220	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	13.42	0.007814	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	12.37	0.007202	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	11.46	0.006672	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	13.40	0.007802	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	12.45	0.007249	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	7.90	0.004600	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	11.77	0.006853	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	8.58	0.004996	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	10.61	0.006124	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	7.65	0.004416	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	11.33	0.006540	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	4.48	0.002586	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	3.25	0.001876	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	7.80	0.004502	±2.5	PASS

Band4	15MHz	16QAM	20175	75RB#0	NV	30	9.46	0.005460	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	8.20	0.004733	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	9.41	0.005431	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	10.14	0.005803	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	9.30	0.005322	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	13.62	0.007794	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	10.77	0.006163	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	5.51	0.003153	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	6.39	0.003657	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	13.36	0.007645	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	12.46	0.007130	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	11.06	0.006329	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-8.87	-0.005157	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-6.12	-0.003558	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-12.75	-0.007413	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-5.91	-0.003436	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-7.82	-0.004547	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-7.04	-0.004093	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-5.65	-0.0032	±2.5	PASS

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Band4	20MHz	QPSK	20050	100RB#0	NV	40	-10.49	-0.006099	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-4.69	-0.002727	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	12.63	0.007290	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	10.56	0.006095	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	9.71	0.005605	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	13.66	0.007885	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	9.46	0.005460	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	6.65	0.003838	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	7.21	0.004162	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	11.17	0.006447	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	9.57	0.005524	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	5.16	0.002957	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	7.31	0.004189	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-5.76	-0.003301	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	5.82	0.003335	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	4.43	0.002539	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	7.77	0.004453	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	5.68	0.003255	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	40	3.56	0.002040	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-6.95	-0.003983	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-10.97	-0.006378	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-5.24	-0.003047	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-10.91	-0.006343	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-9.91	-0.005762	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-6.45	-0.003750	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-8.07	-0.004692	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-9.68	-0.005628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-8.13	-0.004727	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	7.34	0.004237	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	5.66	0.003267	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	11.04	0.006372	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	10.40	0.006003	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	6.14	0.003544	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	9.67	0.005582	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	14.92	0.008612	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	5.79	0.00334	±2.5	PASS

								2		
Band4	20MHz	16QAM	20175	100RB#0	NV	50	12.46	0.007192	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	3.78	0.002166	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.39	-0.001943	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	7.12	0.004080	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-3.60	-0.002063	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	8.61	0.004934	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-5.81	-0.003330	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-5.84	-0.003347	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-4.76	-0.002728	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-4.55	-0.002607	±2.5	PASS

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	23.46	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	23.48	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	23.45	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	23.44	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	23.47	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	23.43	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	22.44	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	23.44	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	23.52	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	23.45	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	23.48	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	23.44	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	23.42	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	22.43	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	23.41	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	23.47	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	23.40	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	23.41	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	23.39	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	23.46	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	22.43	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.72	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.64	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.37	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.42	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.40	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.34	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.38	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.30	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.32	PASS

Band4	1.4MHz	16QAM	20175	3RB#3	22.25	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.46	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.59	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.62	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.53	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.38	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.35	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.31	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.50	PASS
Band4	3MHz	64QAM	19965	1RB#0	23.57	PASS
Band4	3MHz	64QAM	19965	1RB#8	23.53	PASS
Band4	3MHz	64QAM	19965	1RB#14	23.52	PASS
Band4	3MHz	64QAM	19965	8RB#0	22.52	PASS
Band4	3MHz	64QAM	19965	8RB#4	22.54	PASS
Band4	3MHz	64QAM	19965	8RB#7	22.51	PASS
Band4	3MHz	64QAM	19965	15RB#0	22.49	PASS
Band4	3MHz	64QAM	20175	1RB#0	23.54	PASS
Band4	3MHz	64QAM	20175	1RB#8	23.51	PASS
Band4	3MHz	64QAM	20175	1RB#14	23.47	PASS
Band4	3MHz	64QAM	20175	8RB#0	22.54	PASS
Band4	3MHz	64QAM	20175	8RB#4	22.53	PASS
Band4	3MHz	64QAM	20175	8RB#7	22.48	PASS
Band4	3MHz	64QAM	20175	15RB#0	22.48	PASS
Band4	3MHz	64QAM	20385	1RB#0	23.54	PASS
Band4	3MHz	64QAM	20385	1RB#8	23.51	PASS
Band4	3MHz	64QAM	20385	1RB#14	23.45	PASS
Band4	3MHz	64QAM	20385	8RB#0	22.55	PASS
Band4	3MHz	64QAM	20385	8RB#4	22.55	PASS
Band4	3MHz	64QAM	20385	8RB#7	22.49	PASS
Band4	3MHz	64QAM	20385	15RB#0	22.56	PASS
Band4	5MHz	64QAM	19975	1RB#0	23.67	PASS
Band4	5MHz	64QAM	19975	1RB#12	23.68	PASS
Band4	5MHz	64QAM	19975	1RB#24	23.59	PASS
Band4	5MHz	64QAM	19975	12RB#0	22.53	PASS
Band4	5MHz	64QAM	19975	12RB#6	22.56	PASS
Band4	5MHz	64QAM	19975	12RB#13	22.48	PASS
Band4	5MHz	64QAM	19975	25RB#0	22.51	PASS

Band4	5MHz	64QAM	20175	1RB#0	23.70	PASS
Band4	5MHz	64QAM	20175	1RB#12	23.71	PASS
Band4	5MHz	64QAM	20175	1RB#24	23.62	PASS
Band4	5MHz	64QAM	20175	12RB#0	22.53	PASS
Band4	5MHz	64QAM	20175	12RB#6	22.54	PASS
Band4	5MHz	64QAM	20175	12RB#13	22.48	PASS
Band4	5MHz	64QAM	20175	25RB#0	22.52	PASS
Band4	5MHz	64QAM	20375	1RB#0	23.77	PASS
Band4	5MHz	64QAM	20375	1RB#12	23.73	PASS
Band4	5MHz	64QAM	20375	1RB#24	23.62	PASS
Band4	5MHz	64QAM	20375	12RB#0	22.61	PASS
Band4	5MHz	64QAM	20375	12RB#6	22.64	PASS
Band4	5MHz	64QAM	20375	12RB#13	22.57	PASS
Band4	5MHz	64QAM	20375	25RB#0	22.56	PASS
Band4	10MHz	64QAM	20000	1RB#0	23.62	PASS
Band4	10MHz	64QAM	20000	1RB#24	23.53	PASS
Band4	10MHz	64QAM	20000	1RB#49	23.60	PASS
Band4	10MHz	64QAM	20000	25RB#0	22.63	PASS
Band4	10MHz	64QAM	20000	25RB#12	22.60	PASS
Band4	10MHz	64QAM	20000	25RB#25	22.53	PASS
Band4	10MHz	64QAM	20000	50RB#0	22.51	PASS
Band4	10MHz	64QAM	20175	1RB#0	23.76	PASS
Band4	10MHz	64QAM	20175	1RB#24	23.54	PASS
Band4	10MHz	64QAM	20175	1RB#49	23.52	PASS
Band4	10MHz	64QAM	20175	25RB#0	22.57	PASS
Band4	10MHz	64QAM	20175	25RB#12	22.57	PASS
Band4	10MHz	64QAM	20175	25RB#25	22.50	PASS
Band4	10MHz	64QAM	20175	50RB#0	22.57	PASS
Band4	10MHz	64QAM	20350	1RB#0	23.65	PASS
Band4	10MHz	64QAM	20350	1RB#24	23.52	PASS
Band4	10MHz	64QAM	20350	1RB#49	23.53	PASS
Band4	10MHz	64QAM	20350	25RB#0	22.66	PASS
Band4	10MHz	64QAM	20350	25RB#12	22.64	PASS
Band4	10MHz	64QAM	20350	25RB#25	22.52	PASS
Band4	10MHz	64QAM	20350	50RB#0	22.60	PASS
Band4	15MHz	64QAM	20025	1RB#0	23.63	PASS
Band4	15MHz	64QAM	20025	1RB#38	23.37	PASS

Band4	15MHz	64QAM	20025	1RB#74	23.46	PASS
Band4	15MHz	64QAM	20025	38RB#0	22.46	PASS
Band4	15MHz	64QAM	20025	38RB#18	22.45	PASS
Band4	15MHz	64QAM	20025	38RB#37	22.45	PASS
Band4	15MHz	64QAM	20025	75RB#0	22.44	PASS
Band4	15MHz	64QAM	20175	1RB#0	23.89	PASS
Band4	15MHz	64QAM	20175	1RB#38	23.56	PASS
Band4	15MHz	64QAM	20175	1RB#74	23.53	PASS
Band4	15MHz	64QAM	20175	38RB#0	22.57	PASS
Band4	15MHz	64QAM	20175	38RB#18	22.58	PASS
Band4	15MHz	64QAM	20175	38RB#37	22.57	PASS
Band4	15MHz	64QAM	20175	75RB#0	22.55	PASS
Band4	15MHz	64QAM	20325	1RB#0	23.64	PASS
Band4	15MHz	64QAM	20325	1RB#38	23.53	PASS
Band4	15MHz	64QAM	20325	1RB#74	23.47	PASS
Band4	15MHz	64QAM	20325	38RB#0	22.59	PASS
Band4	15MHz	64QAM	20325	38RB#18	22.61	PASS
Band4	15MHz	64QAM	20325	38RB#37	22.61	PASS
Band4	15MHz	64QAM	20325	75RB#0	22.63	PASS
Band4	20MHz	64QAM	20050	1RB#0	23.42	PASS
Band4	20MHz	64QAM	20050	1RB#49	23.20	PASS
Band4	20MHz	64QAM	20050	1RB#99	23.16	PASS
Band4	20MHz	64QAM	20050	50RB#0	22.21	PASS
Band4	20MHz	64QAM	20050	50RB#25	22.23	PASS
Band4	20MHz	64QAM	20050	50RB#50	22.15	PASS
Band4	20MHz	64QAM	20050	100RB#0	22.24	PASS
Band4	20MHz	64QAM	20175	1RB#0	23.36	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.98	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.91	PASS
Band4	20MHz	64QAM	20175	50RB#0	22.27	PASS
Band4	20MHz	64QAM	20175	50RB#25	22.29	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.99	PASS
Band4	20MHz	64QAM	20175	100RB#0	22.11	PASS
Band4	20MHz	64QAM	20300	1RB#0	23.40	PASS
Band4	20MHz	64QAM	20300	1RB#49	23.20	PASS
Band4	20MHz	64QAM	20300	1RB#99	23.14	PASS
Band4	20MHz	64QAM	20300	50RB#0	22.20	PASS

Band4	20MHz	64QAM	20300	50RB#25	22.23	PASS
Band4	20MHz	64QAM	20300	50RB#50	22.13	PASS
Band4	20MHz	64QAM	20300	100RB#0	22.26	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	5.33	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	5.25	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	5.31	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	5.27	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	5.08	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	5.23	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	5.41	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	5.24	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	5.41	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	5.28	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	5.13	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	5.21	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	5.08	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	5.04	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	5.12	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	4.94	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.28	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	5.12	13	PASS

Test Graphs

Band4-1.4MHz-64QAM-19957-6RB#0

Band4-1.4MHz-64QAM-20175-6RB#0

Band4-1.4MHz-64QAM-20393-6RB#0