



Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-1RB#49



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-1RB#74



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-1RB#0



Band4-15MHz-QPSK-20325-1RB#74



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



Band4-15MHz-16QAM-20025-1RB#74



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-1RB#74



Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-1RB#99



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-1RB#99



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-1RB#99



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-45.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-42.62	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-36.57	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.14	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.4	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.08	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-45.67	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-41.65	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-40.17	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-42.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-38.09	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.34	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.83	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.34	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-45.56	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~	-41.19	PASS

					2000MHz		
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-34.77	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-45.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-42.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-40.07	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.78	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.81	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.4	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-45.01	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-42.08	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-39.33	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-45.13	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-42.35	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-42.59	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-42.43	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.3	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-45.04	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-41.48	PASS

Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-42.5	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-45.2	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-42.65	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-41.14	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.21	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.56	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-43.2	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-45.61	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-41.57	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-35.79	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-44.78	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-42.37	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-38.45	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.56	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-42.29	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-41.7	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-45.32	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-41.76	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~	-40.89	PASS

					20000MHz		
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-45.47	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-41.63	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-40.77	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.16	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-41.83	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.51	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-45.45	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-41.67	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-37.33	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-45.38	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-41.76	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-37.03	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.64	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-40.77	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-40.42	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-46	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-41.49	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-33.67	PASS

Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-45.95	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-42.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-37.29	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.42	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.05	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-43.14	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-45.22	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-41.1	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-39.08	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-45.8	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-42.19	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-39.7	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.24	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-41.23	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-42.99	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-45.73	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-42.43	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-37.63	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-45.28	PASS

					00MHz		
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-41.38	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-41.49	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.29	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.38	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.36	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-45.43	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-42.23	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-41.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-39.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-42.7	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.08	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-42.84	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-41.38	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-45.18	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-42.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-40.38	PASS

Test Graphs

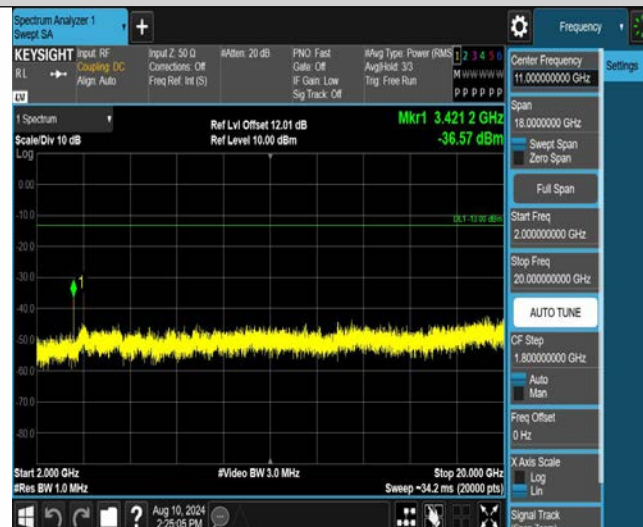
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Band4-1.4MHz-QPSK-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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



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



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



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



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



Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



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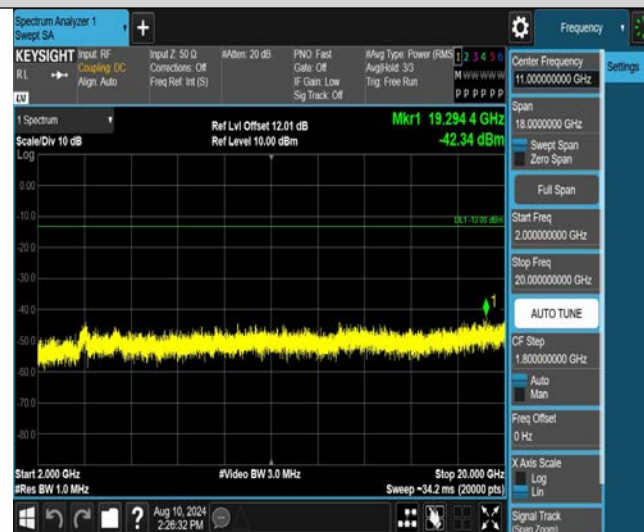
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Band4-1.4MHz-16QAM-20393-1RB#0-Range3:2000~20000MHz



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



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



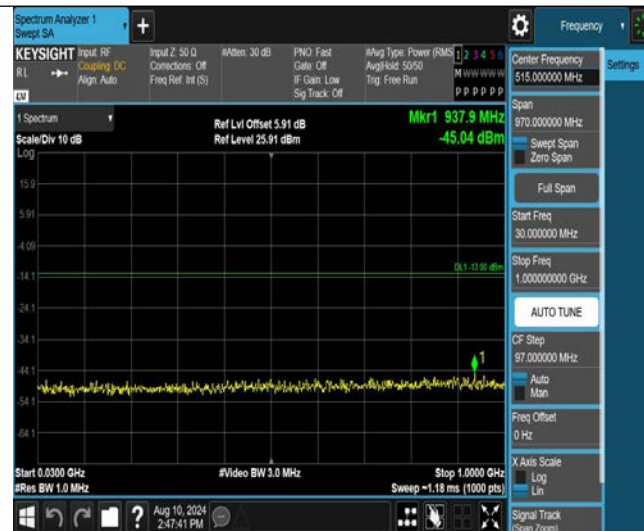
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Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



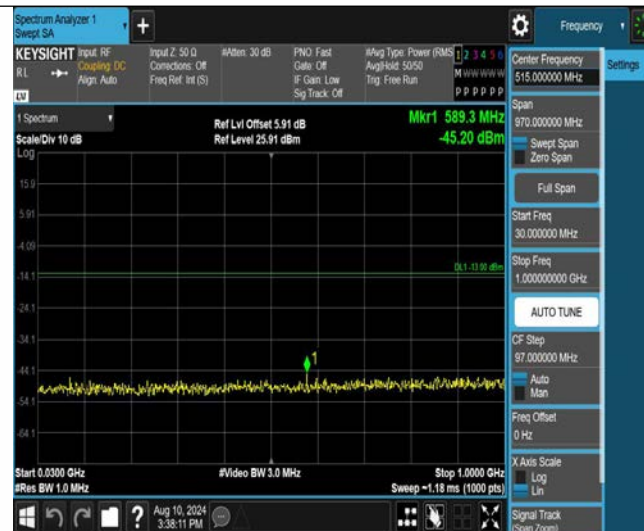
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Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



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



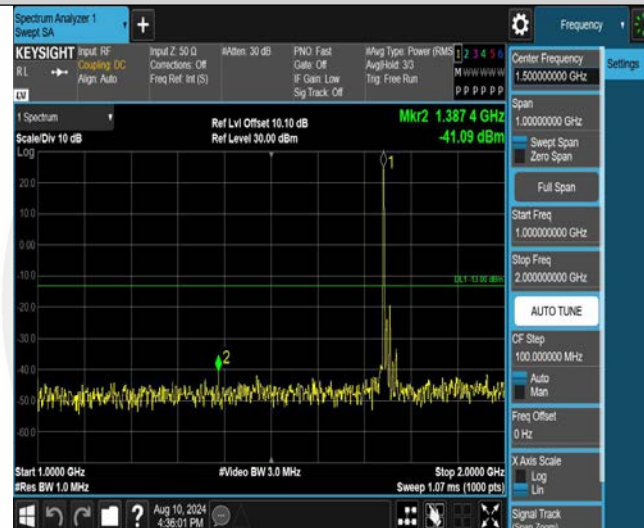
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Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~2000MHz



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



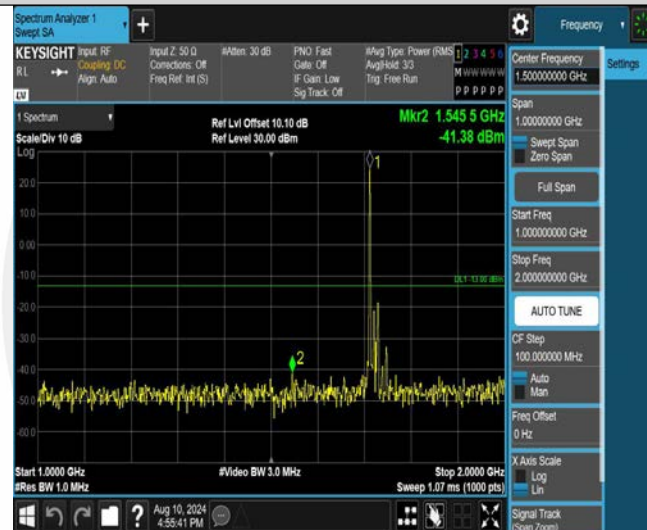
Band4-15MHz-16QAM-20325-1RB#0-Range3:2000~20000MHz



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 (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	16.98	0.009926	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	12.87	0.007523	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	12.93	0.007558	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	3.79	0.002188	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-3.10	-0.001789	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	4.32	0.002494	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	14.29	0.008146	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	15.72	0.008961	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	16.94	0.009656	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	7.52	0.004396	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-7.41	-0.004332	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	4.12	0.002408	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-6.24	-0.003602	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-5.29	-0.003053	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-2.60	-0.001501	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-7.18	-0.004093	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-9.88	-0.0056 32	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-5.56	-0.0031 69	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	14.85	0.00867 7	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	9.50	0.00555 1	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	15.15	0.00885 2	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	8.05	0.00464 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	12.07	0.00696 7	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	6.71	0.00387 3	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	9.46	0.00539 5	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	11.82	0.00674 1	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	11.86	0.00676 4	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	8.94	0.00522 3	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	7.42	0.00433 5	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	9.87	0.00576 7	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	6.92	0.00399 4	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	7.57	0.00436 9	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	5.02	0.00289 8	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	4.41	0.00251 5	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	9.84	0.00561	±2.5	PASS

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Band4	3MHz	16QAM	20385	15RB#0	VH	NT	9.40	0.00536 1	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-7.07	-0.0041 28	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-6.59	-0.0038 48	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-10.13	-0.0059 15	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	14.12	0.00815 0	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	12.30	0.00710 0	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	10.13	0.00584 7	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	3.53	0.00201 4	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	7.50	0.00428 0	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	3.08	0.00175 7	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	3.28	0.00191 5	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-9.61	-0.0056 12	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-2.95	-0.0017 23	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	13.07	0.00754 4	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	3.36	0.00193 9	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	7.55	0.00435 8	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	8.30	0.00473 6	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-3.26	-0.0018 60	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-4.56	-0.002602	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	5.84	0.003405	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	5.51	0.003213	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	4.11	0.002397	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	9.10	0.005253	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	14.53	0.008387	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	9.67	0.005582	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	2.98	0.001703	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	5.88	0.003360	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	4.31	0.002463	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	4.79	0.002793	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	4.28	0.002496	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-2.78	-0.001621	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	5.19	0.002996	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	10.56	0.006095	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	8.00	0.004618	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-7.91	-0.004520	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	7.05	0.004029	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	8.35	0.00477	±2.5	PASS

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Band4	15MHz	QPSK	20025	75RB#0	VL	NT	9.38	0.00546 1	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	7.80	0.00454 1	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	9.04	0.00526 3	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	10.56	0.00609 5	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	11.66	0.00673 0	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	8.53	0.00492 4	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	5.71	0.00326 8	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	11.24	0.00643 2	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	12.73	0.00728 5	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	7.15	0.00416 3	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	10.21	0.00594 5	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	11.07	0.00644 5	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	10.53	0.00607 8	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	6.27	0.00361 9	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	10.04	0.00579 5	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	9.81	0.00561 4	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	4.42	0.00252 9	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	10.74	0.00614 6	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-5.04	-0.0029 30	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	3.28	0.00190 7	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-8.65	-0.0050 29	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	9.27	0.00535 1	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	7.84	0.00452 5	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	11.90	0.00686 9	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	3.66	0.00209 7	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-5.87	-0.0033 64	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	7.58	0.00434 4	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-8.85	-0.0051 45	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-4.68	-0.0027 21	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-4.62	-0.0026 86	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	8.96	0.00517 2	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	9.31	0.00537 4	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	11.94	0.00689 2	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	3.91	0.00224 1	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	5.68	0.00325 5	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	3.56	0.00204 0	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	11.59	0.006775	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	5.65	0.003303	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	7.51	0.004390	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	6.12	0.003577	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	8.44	0.004934	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	9.81	0.005734	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-2.93	-0.001713	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	3.55	0.002075	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	4.78	0.002794	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-3.40	-0.001962	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-7.14	-0.004121	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-6.90	-0.003983	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-2.49	-0.001437	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-4.26	-0.002459	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	2.96	0.001709	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-5.95	-0.003434	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-4.02	-0.002320	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-7.85	-0.0045	±2.5	PASS

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Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	13.68	0.00779 8	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	6.79	0.00387 0	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	6.08	0.00346 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	4.73	0.00269 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-3.78	-0.0021 55	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-6.07	-0.0034 60	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-7.68	-0.0043 78	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-10.16	-0.0057 91	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-6.47	-0.0036 88	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	6.59	0.00385 2	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-2.68	-0.0015 67	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	2.70	0.00157 8	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-4.66	-0.0027 24	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-5.99	-0.0035 01	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-6.42	-0.0037 53	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-7.01	-0.0040 98	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-3.46	-0.0020 23	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-12.72	-0.0074 36	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-3.66	-0.00211 3	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-6.22	-0.0035 90	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-2.80	-0.0016 16	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-2.78	-0.0016 05	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-5.89	-0.0034 00	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-2.23	-0.0012 87	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-5.24	-0.0030 25	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	1.57	0.00090 6	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-8.05	-0.0046 46	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-2.79	-0.0015 90	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	4.39	0.00250 2	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-9.87	-0.0056 26	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-5.85	-0.0033 35	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-2.95	-0.0016 82	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	3.89	0.00221 7	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-8.25	-0.0047 03	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-6.87	-0.0039 16	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-4.05	-0.0023 09	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	8.98	0.00524	±2.5	PASS