

LTE Band5 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	21.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.00	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.88	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.84	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.82	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.80	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.79	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.92	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.75	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.80	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.81	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.81	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.65	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.77	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.74	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	20.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	20.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	20.68	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.66	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.71	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.68	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	19.83	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.94	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.94	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.73	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.63	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.67	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	20.65	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	19.83	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.73	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	20.82	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.58	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.65	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.61	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.58	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	19.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.20	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.13	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.17	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.00	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.99	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.14	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.00	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.09	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.95	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.95	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.89	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.91	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.99	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.92	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.77	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.73	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.66	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.82	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.80	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.77	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.76	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.24	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.14	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.01	PASS
Band5	3MHz	16QAM	20415	8RB#0	19.99	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.01	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.10	PASS
Band5	3MHz	16QAM	20415	15RB#0	19.99	PASS

Band5	3MHz	16QAM	20525	1RB#0	20.90	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.76	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.80	PASS
Band5	3MHz	16QAM	20525	8RB#0	19.85	PASS
Band5	3MHz	16QAM	20525	8RB#4	19.86	PASS
Band5	3MHz	16QAM	20525	8RB#7	19.91	PASS
Band5	3MHz	16QAM	20525	15RB#0	19.81	PASS
Band5	3MHz	16QAM	20635	1RB#0	20.58	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.59	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.57	PASS
Band5	3MHz	16QAM	20635	8RB#0	19.72	PASS
Band5	3MHz	16QAM	20635	8RB#4	19.77	PASS
Band5	3MHz	16QAM	20635	8RB#7	19.78	PASS
Band5	3MHz	16QAM	20635	15RB#0	19.68	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.35	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.41	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.13	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.99	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.00	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.02	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.01	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.16	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.93	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.98	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.99	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.93	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.87	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.14	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.63	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.84	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.85	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.75	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.81	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.18	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.30	PASS

Band5	5MHz	16QAM	20425	1RB#24	21.08	PASS
Band5	5MHz	16QAM	20425	12RB#0	19.95	PASS
Band5	5MHz	16QAM	20425	12RB#6	19.96	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.08	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.00	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.08	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.15	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.06	PASS
Band5	5MHz	16QAM	20525	12RB#0	19.98	PASS
Band5	5MHz	16QAM	20525	12RB#6	19.99	PASS
Band5	5MHz	16QAM	20525	12RB#13	19.94	PASS
Band5	5MHz	16QAM	20525	25RB#0	19.87	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.74	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.80	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.58	PASS
Band5	5MHz	16QAM	20625	12RB#0	19.81	PASS
Band5	5MHz	16QAM	20625	12RB#6	19.94	PASS
Band5	5MHz	16QAM	20625	12RB#13	19.75	PASS
Band5	5MHz	16QAM	20625	25RB#0	19.89	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.36	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.29	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.10	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.12	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.12	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.99	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.12	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.02	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.11	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.98	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.99	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.08	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.97	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.94	PASS
Band5	10MHz	QPSK	20600	1RB#24	21.95	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.94	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.93	PASS

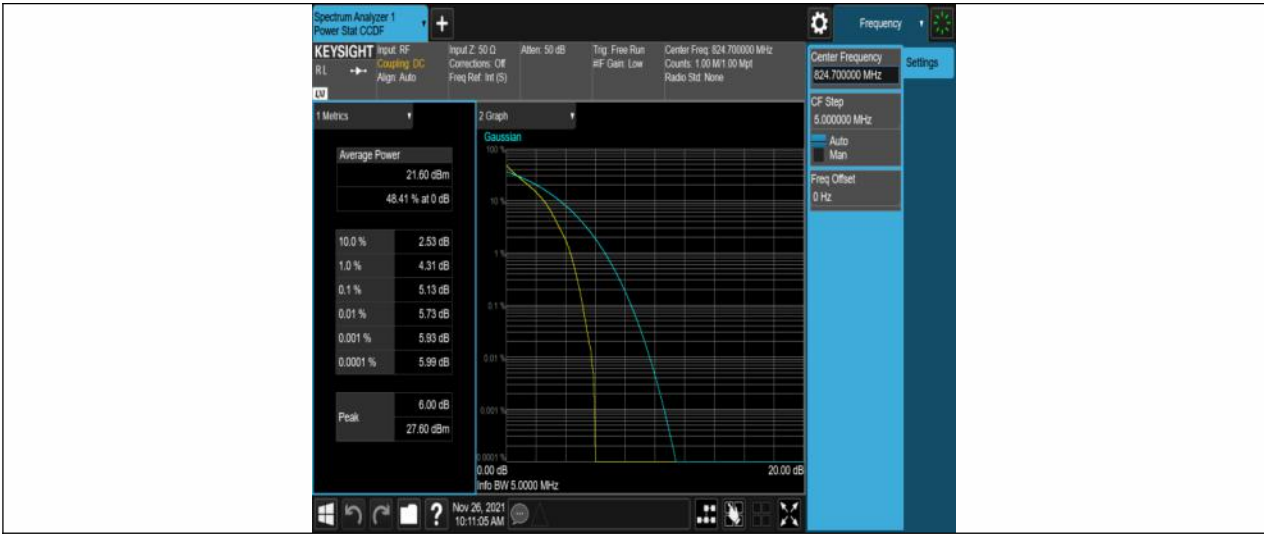
Band5	10MHz	QPSK	20600	25RB#12	20.95	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.89	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.26	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.09	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.14	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.08	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.05	PASS
Band5	10MHz	16QAM	20450	25RB#25	19.98	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.11	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.99	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.85	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.91	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.00	PASS
Band5	10MHz	16QAM	20525	25RB#12	19.98	PASS
Band5	10MHz	16QAM	20525	25RB#25	19.96	PASS
Band5	10MHz	16QAM	20525	50RB#0	19.99	PASS
Band5	10MHz	16QAM	20600	1RB#0	20.78	PASS
Band5	10MHz	16QAM	20600	1RB#24	20.67	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.56	PASS
Band5	10MHz	16QAM	20600	25RB#0	19.93	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.02	PASS
Band5	10MHz	16QAM	20600	25RB#25	19.74	PASS
Band5	10MHz	16QAM	20600	50RB#0	19.89	PASS

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

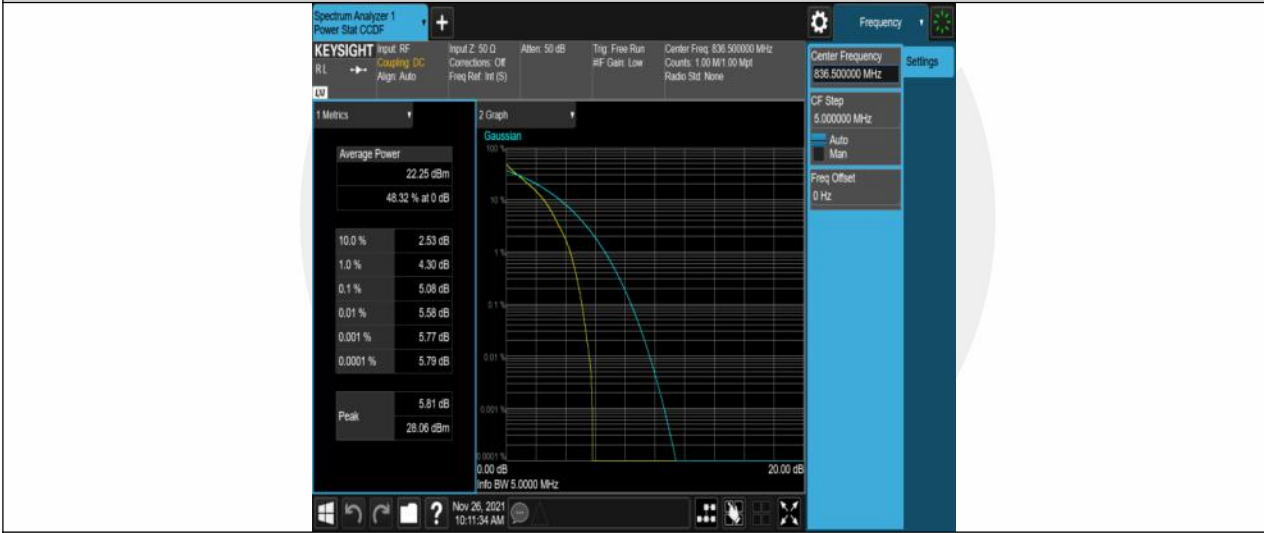
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.13	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.08	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.92	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.89	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.79	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.06	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.04	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.02	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.87	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.84	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.83	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.21	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.16	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.89	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.84	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.59	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.62	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.53	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.98	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.97	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.02	13	PASS

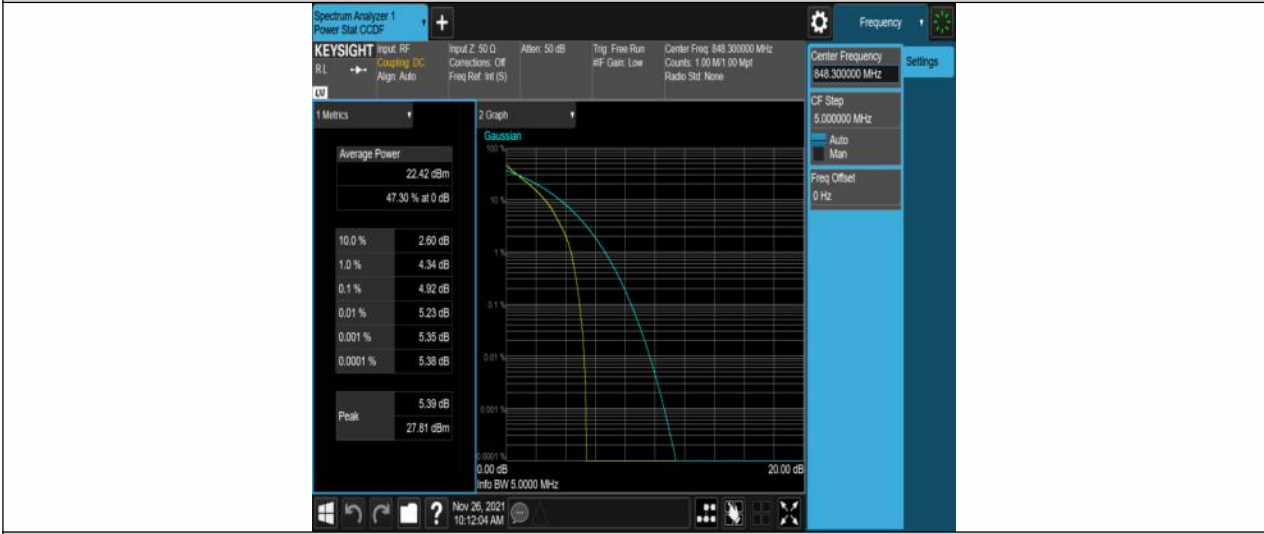
Test Graphs



Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



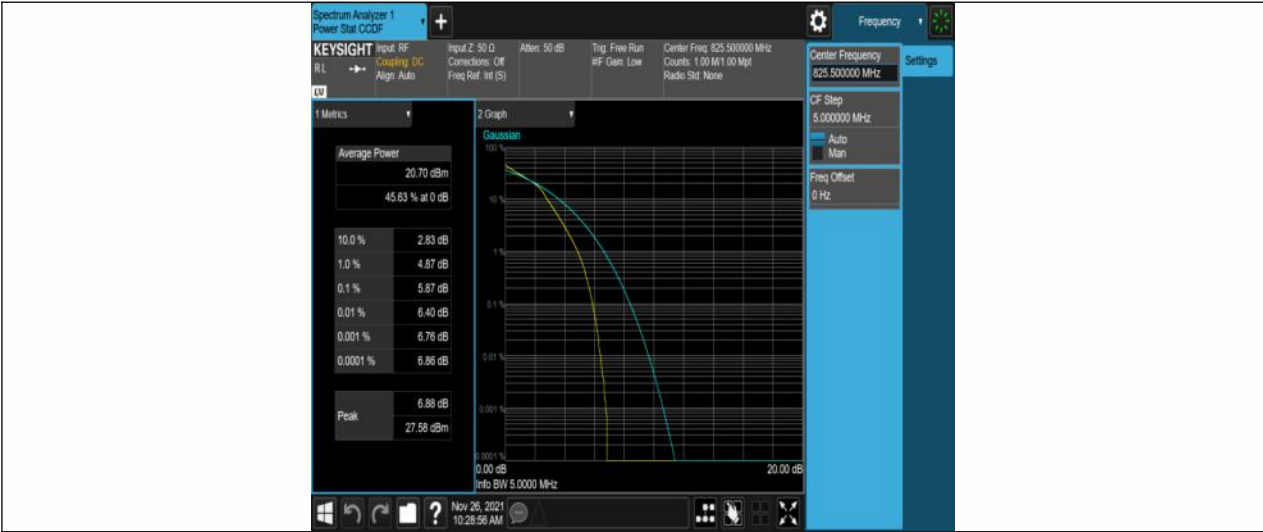
Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



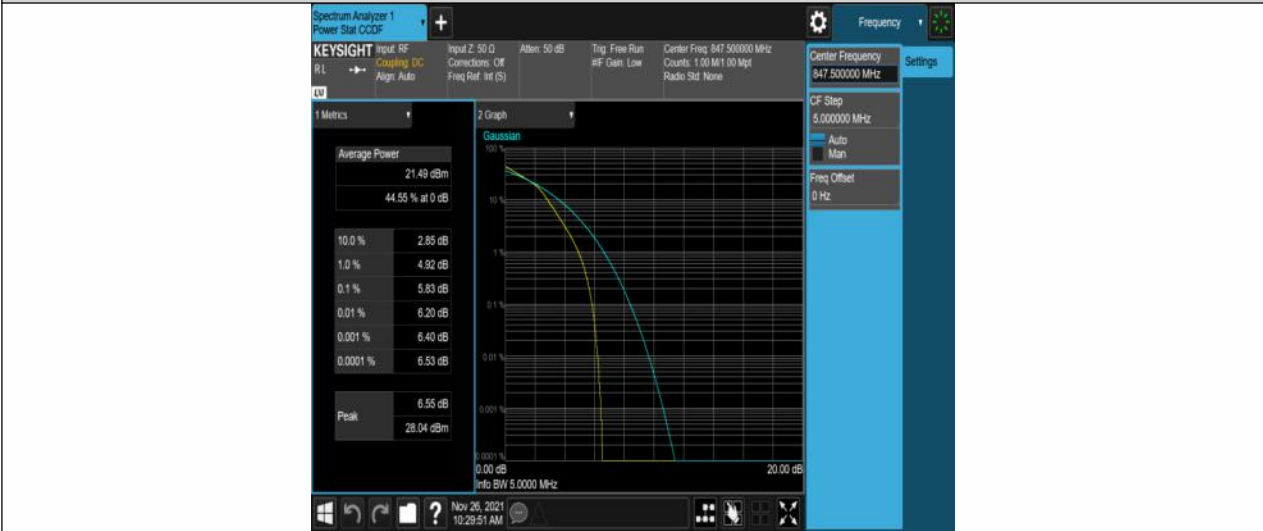
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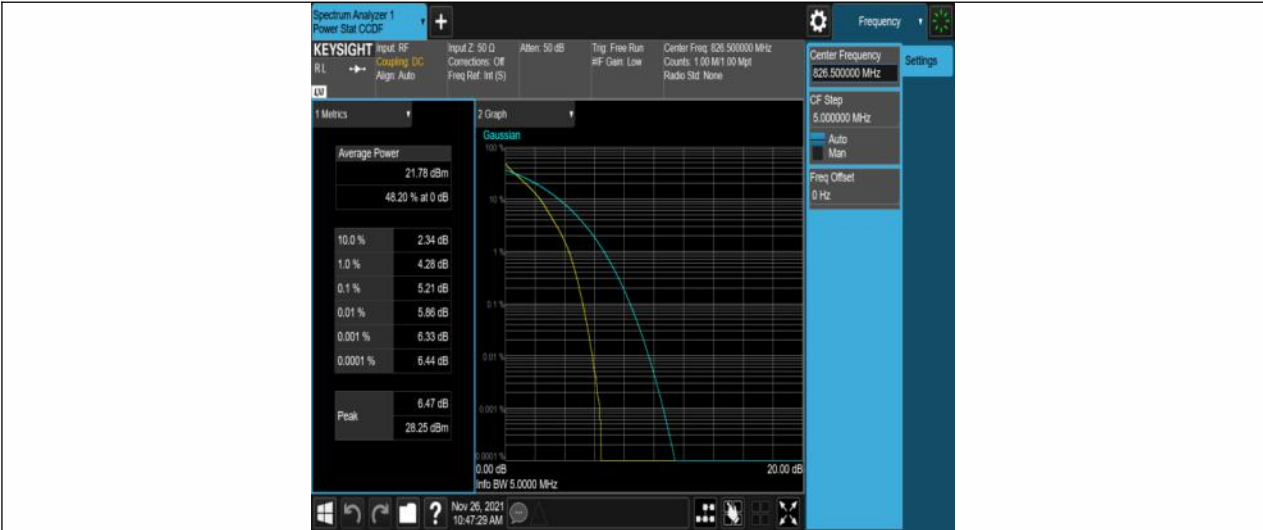
Band5-3MHz-16QAM-20415-15RB#0



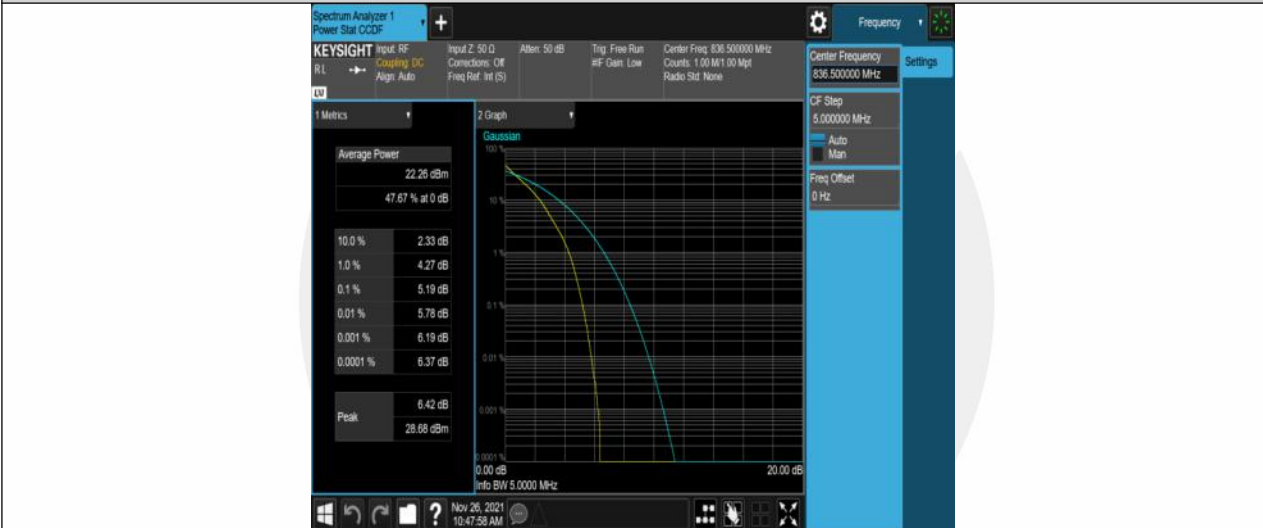
Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



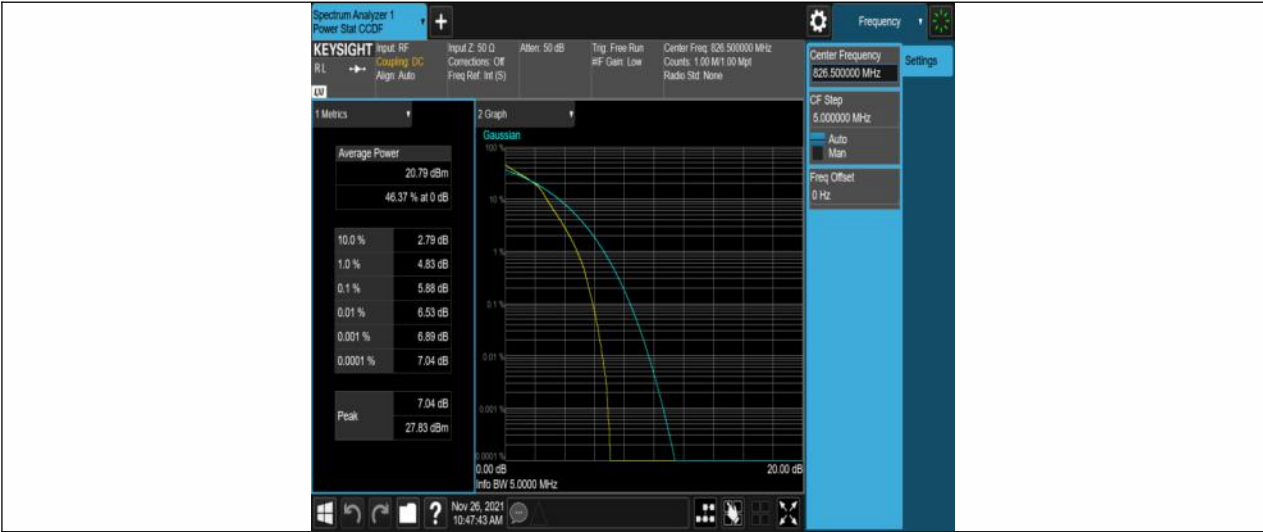
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



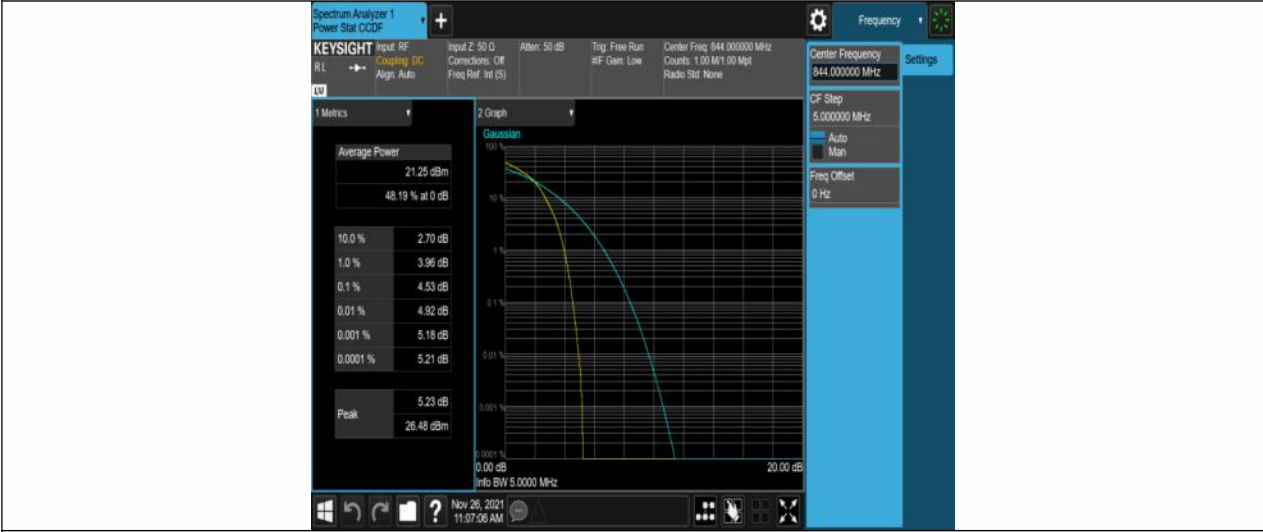
Band5-5MHz-16QAM-20625-25RB#0



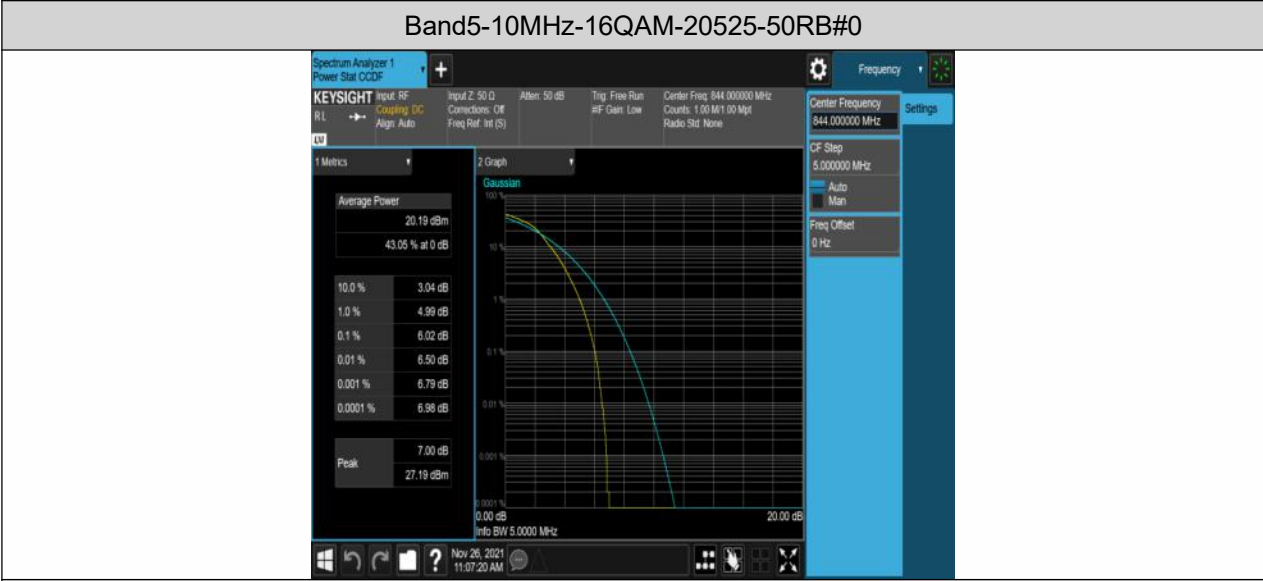
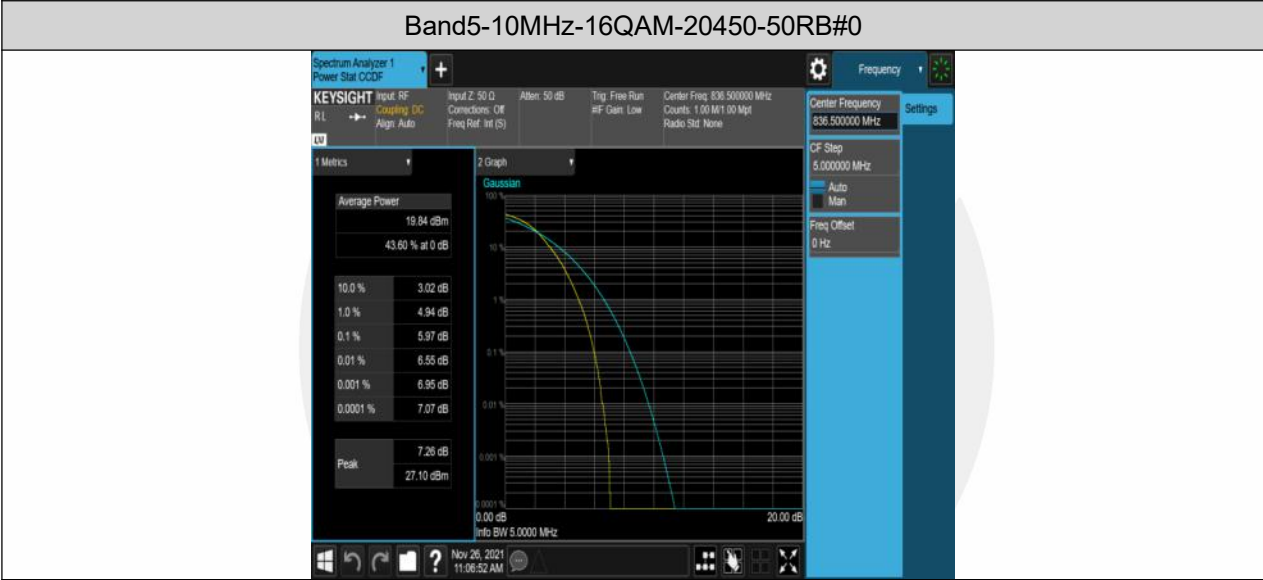
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0

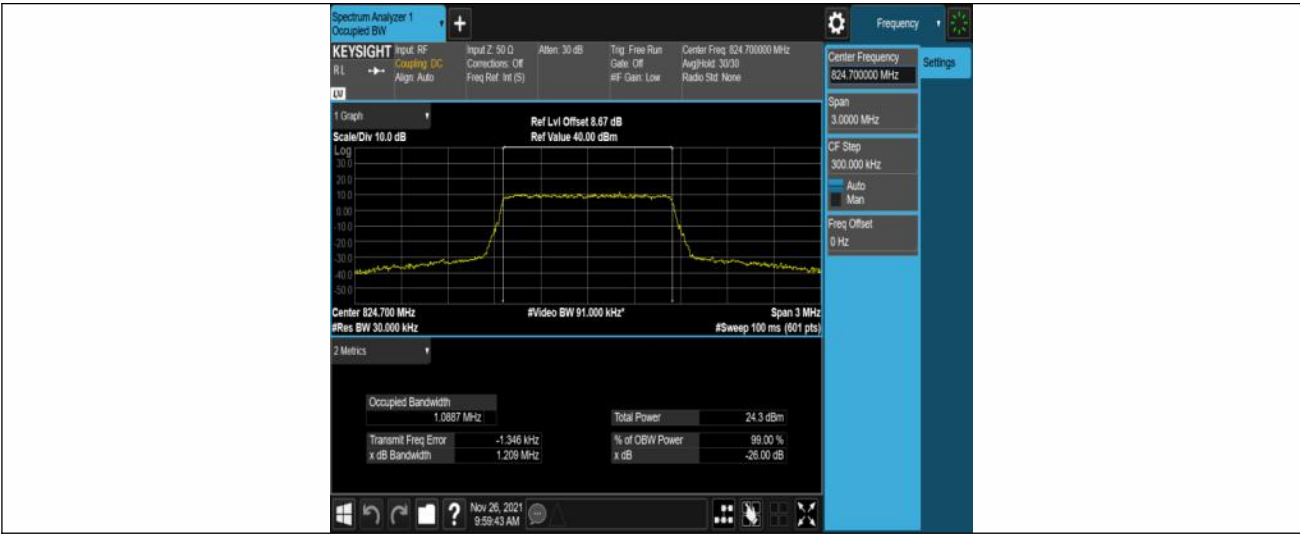


Appendix C: 26dB Bandwidth and Occupied Bandwidth

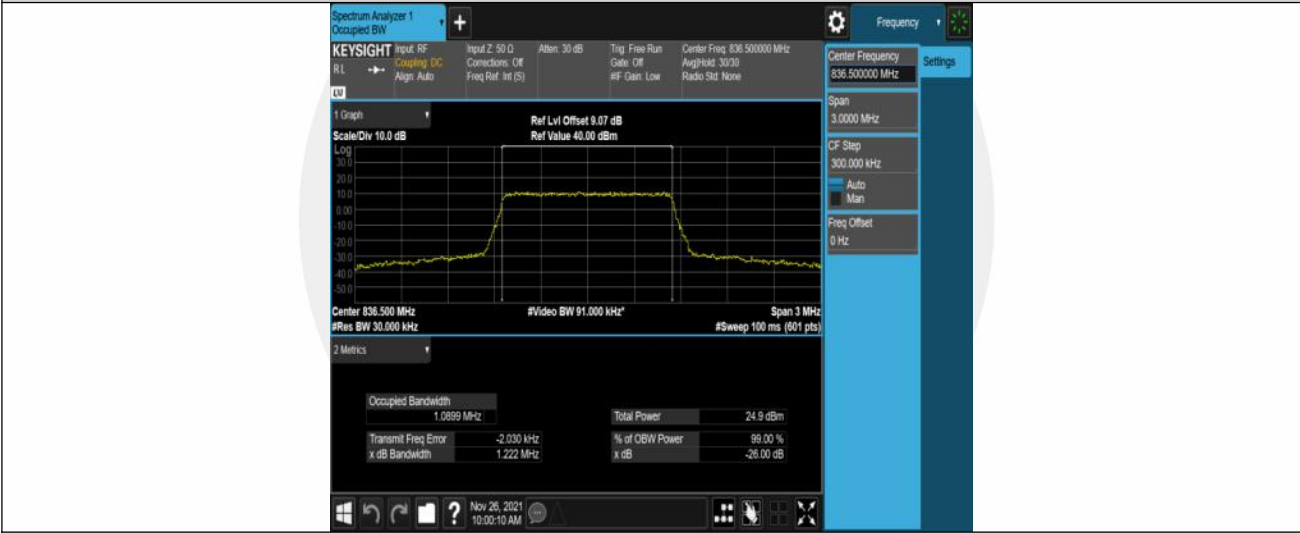
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0887	1.209	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0899	1.222	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0895	1.226	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0889	1.223	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0894	1.226	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0901	1.230	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6992	2.901	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6969	2.892	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7002	2.929	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6909	2.914	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6898	2.912	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6928	2.924	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4973	4.890	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4977	4.861	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4985	4.843	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5005	4.839	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5049	4.841	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4964	4.851	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9800	9.563	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9834	9.567	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9668	9.500	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9646	9.527	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9658	9.531	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9593	9.505	PASS

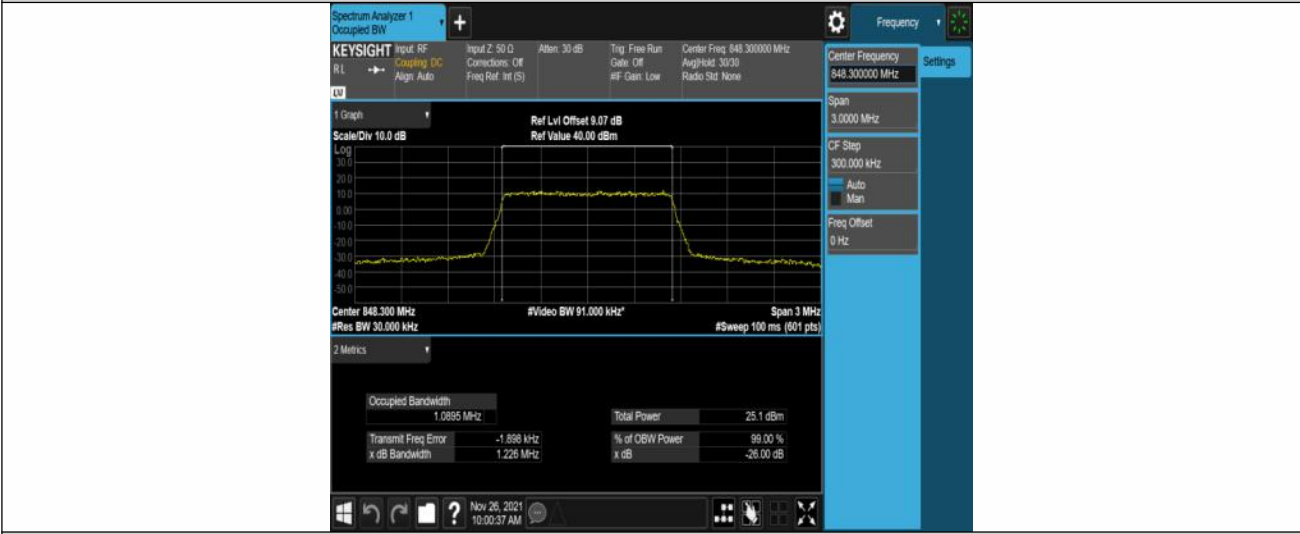
Test Graphs



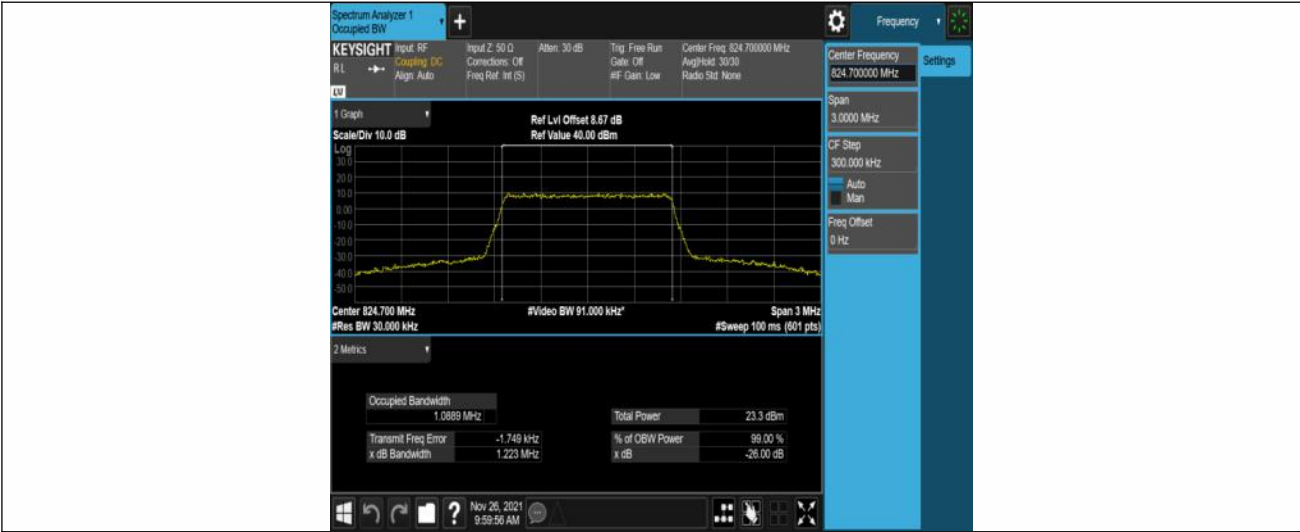
Band5-1.4MHz-QPSK-20407-6RB#0



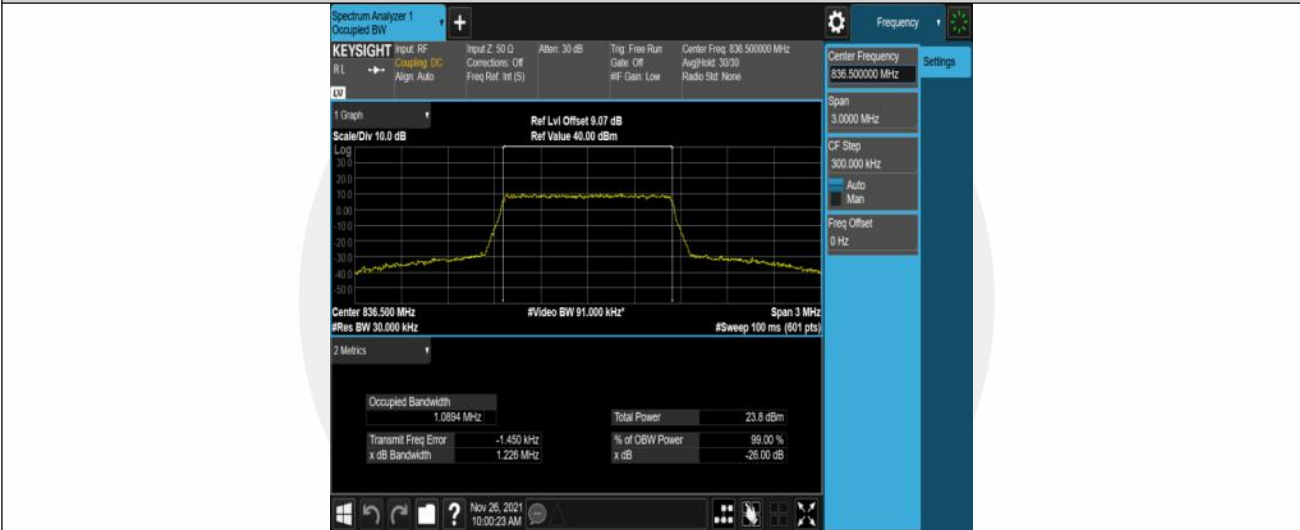
Band5-1.4MHz-QPSK-20525-6RB#0



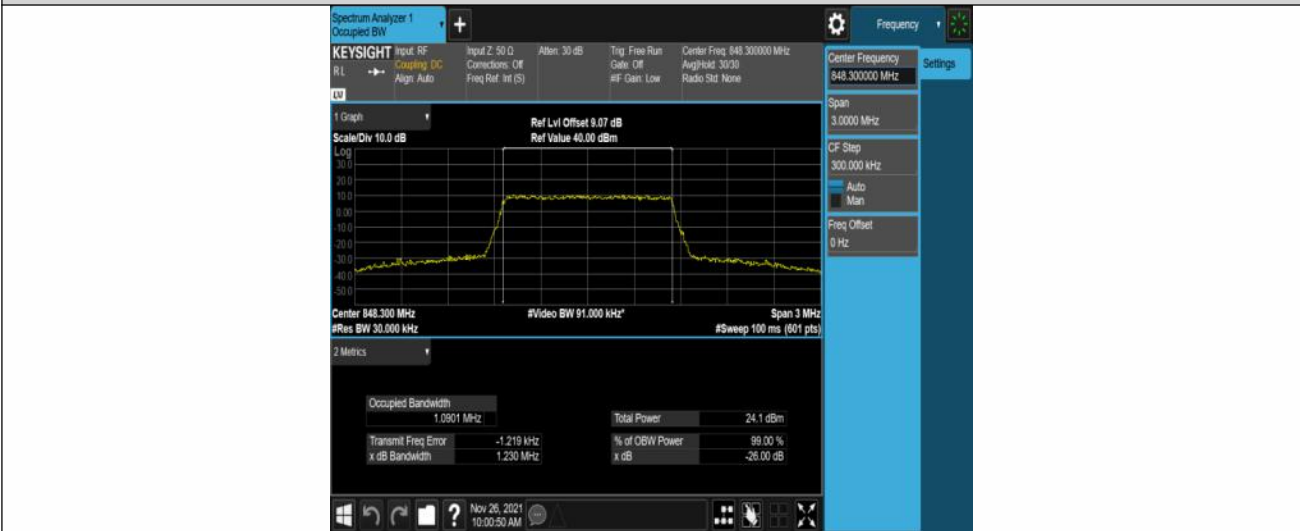
Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0



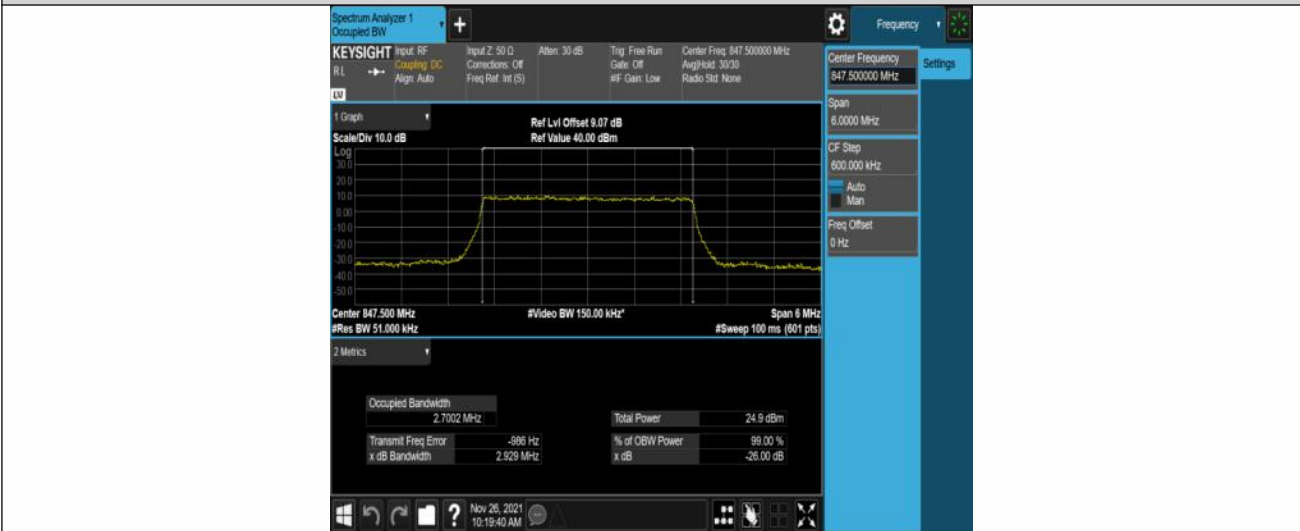
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Band5-3MHz-QPSK-20415-15RB#0



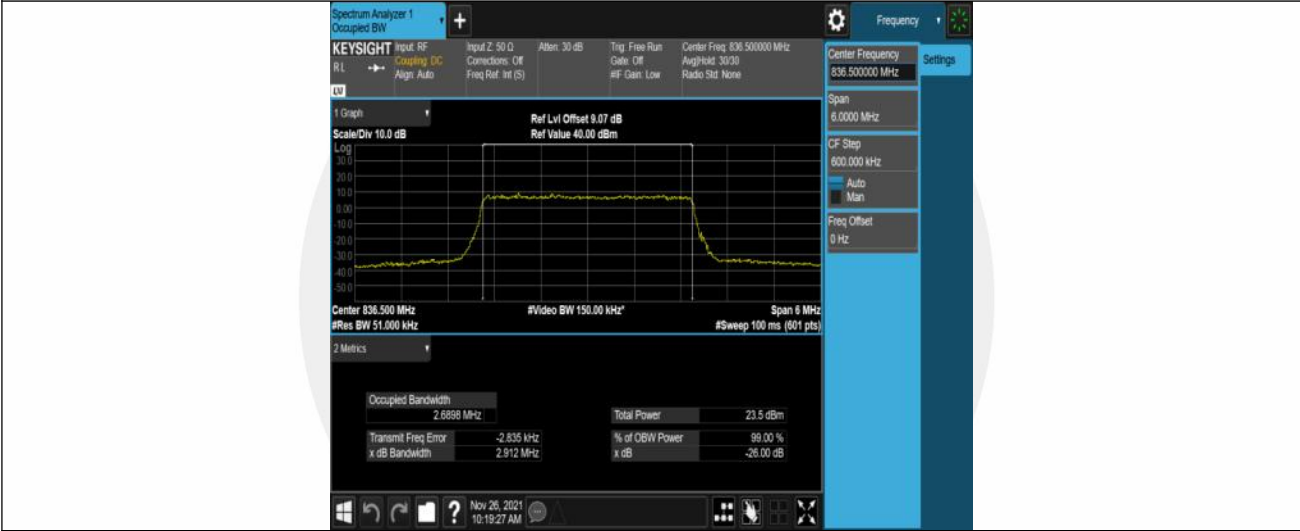
Band5-3MHz-QPSK-20525-15RB#0



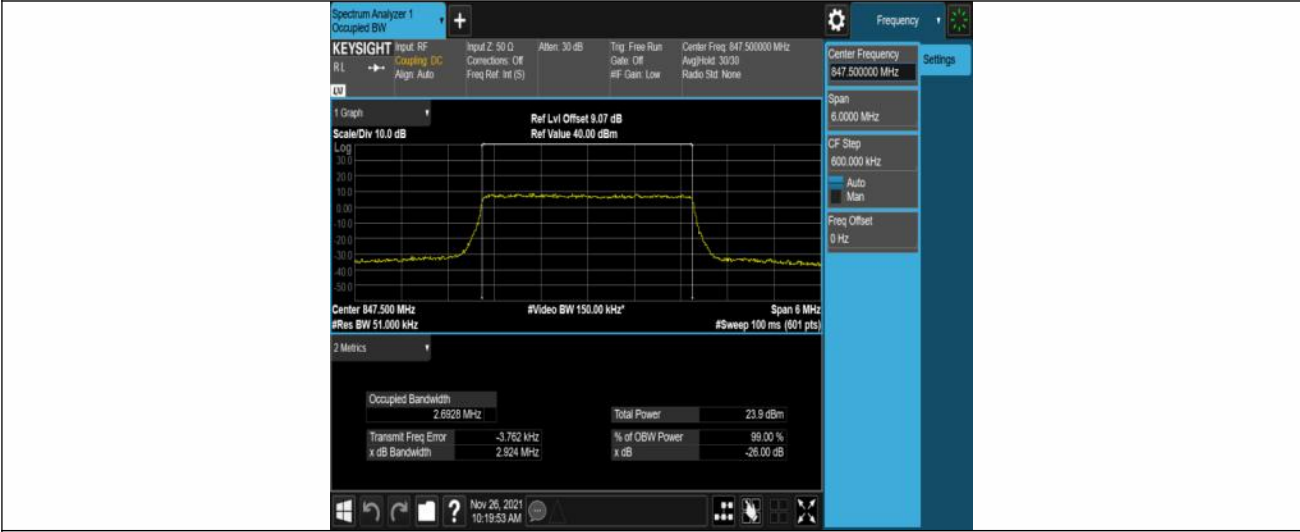
Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0



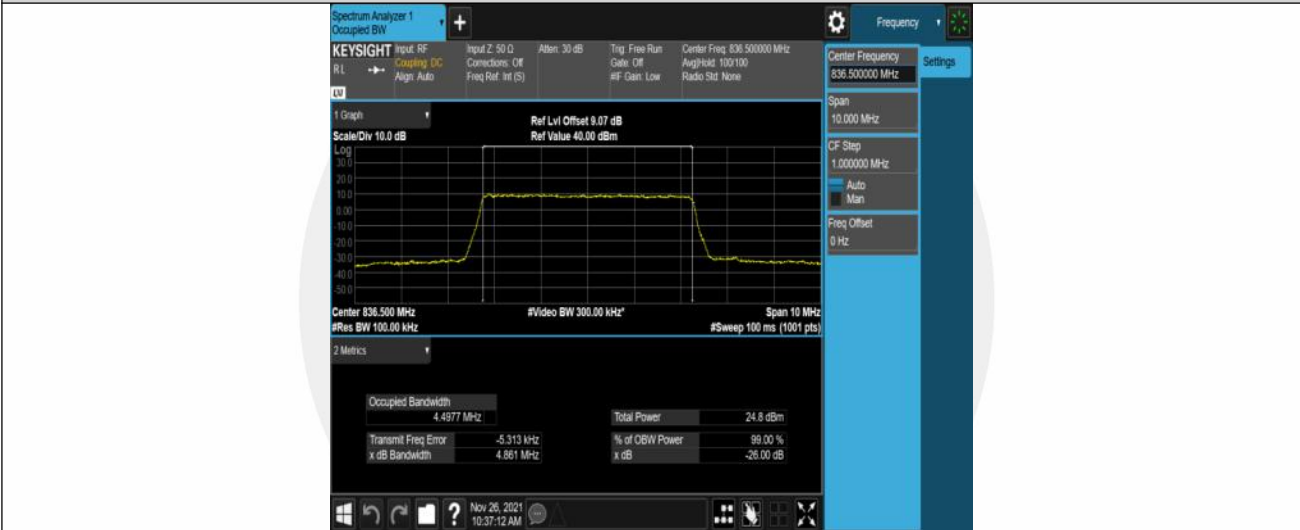
Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



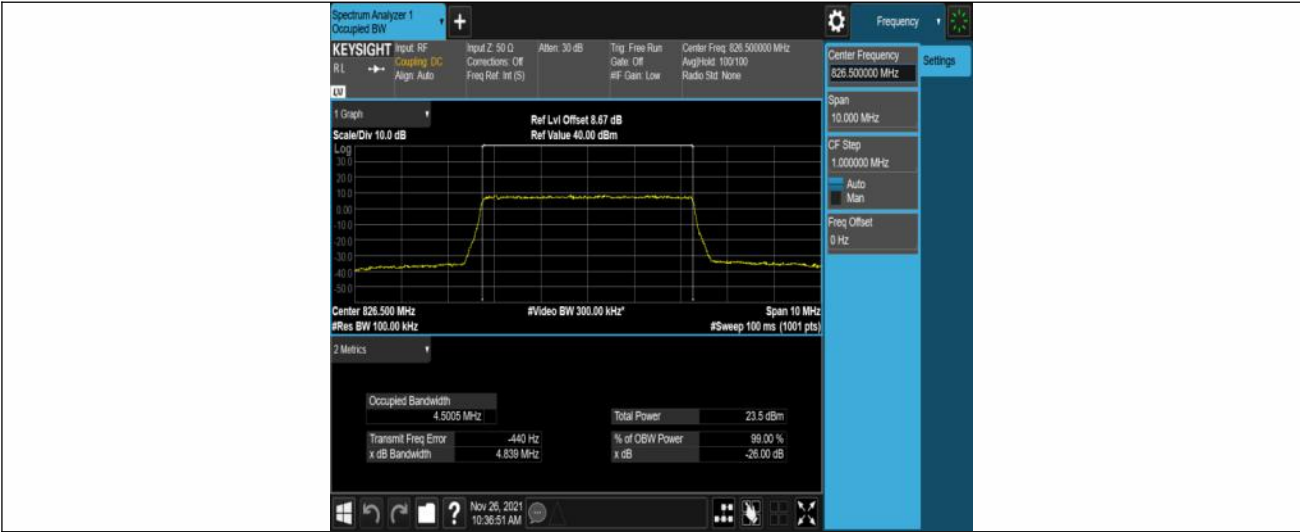
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



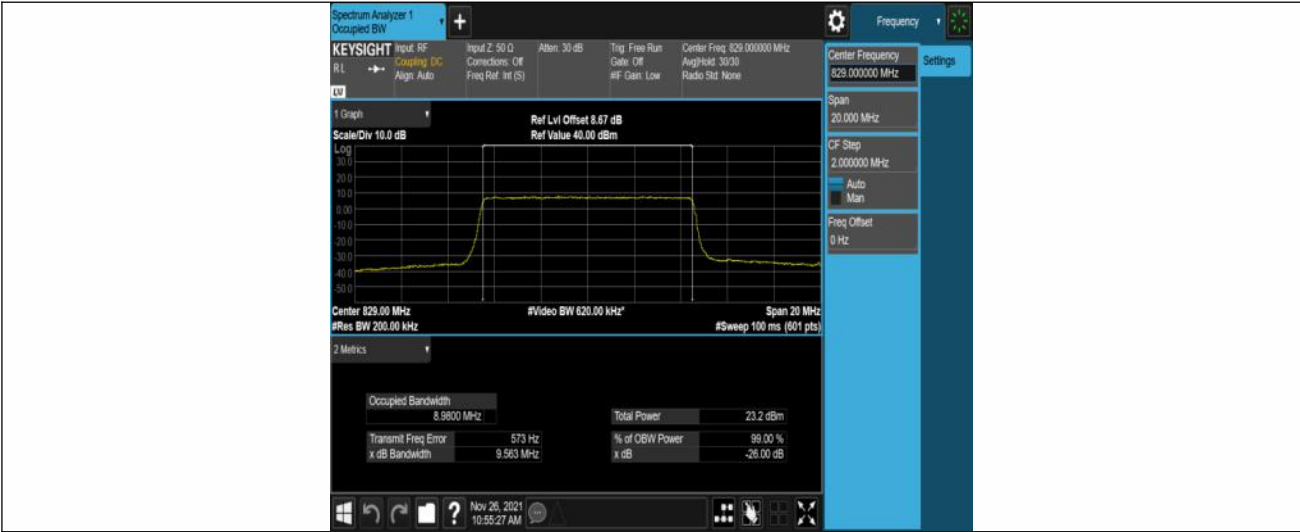
Band5-5MHz-16QAM-20425-25RB#0



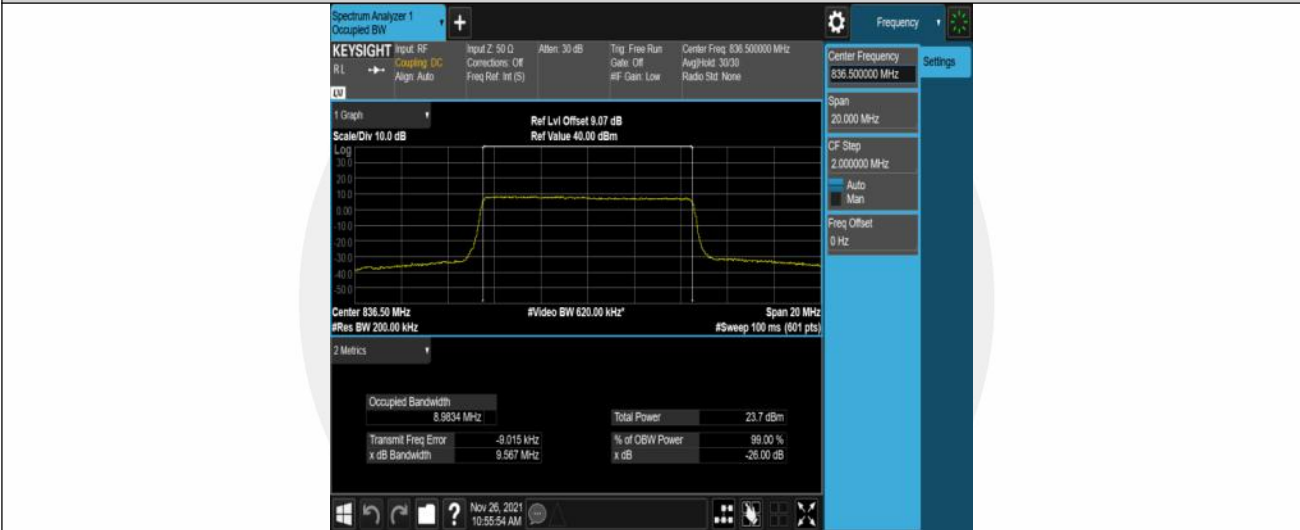
Band5-5MHz-16QAM-20525-25RB#0



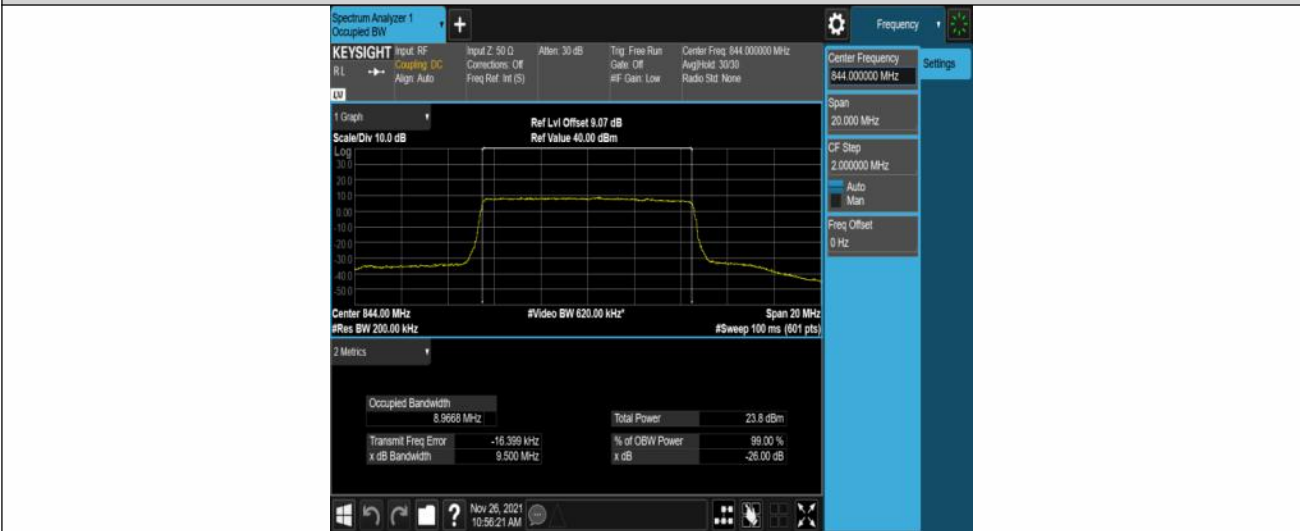
Band5-5MHz-16QAM-20625-25RB#0



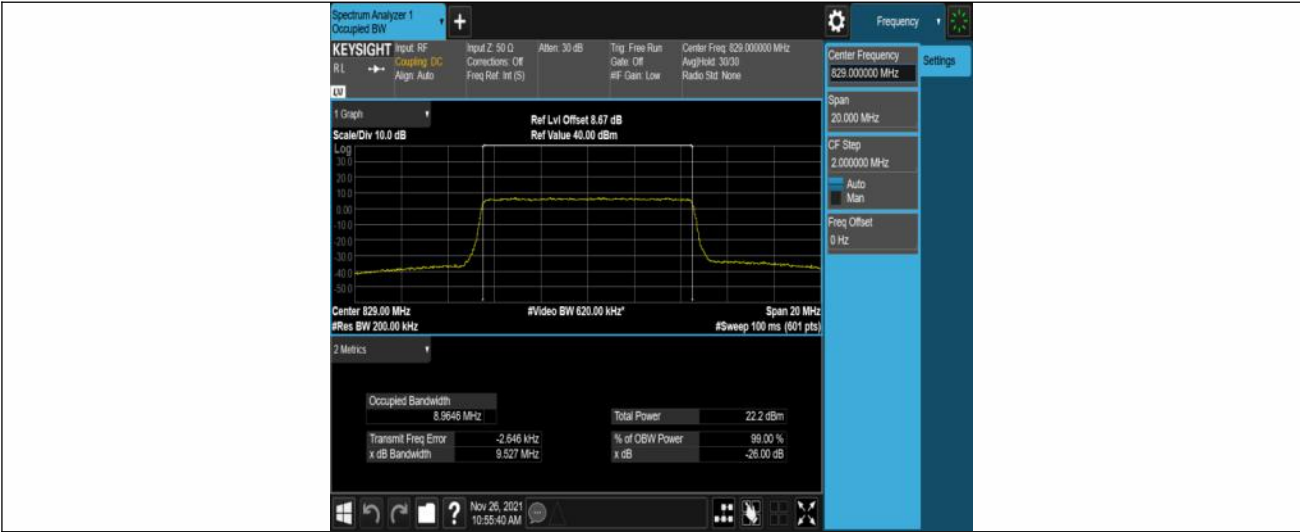
Band5-10MHz-QPSK-20450-50RB#0



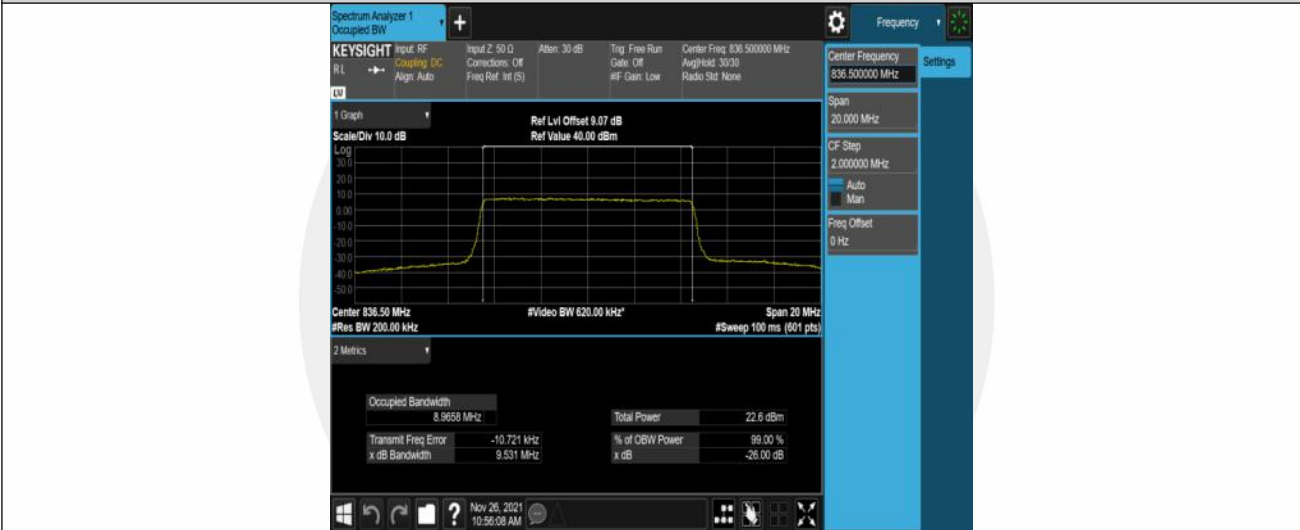
Band5-10MHz-QPSK-20525-50RB#0



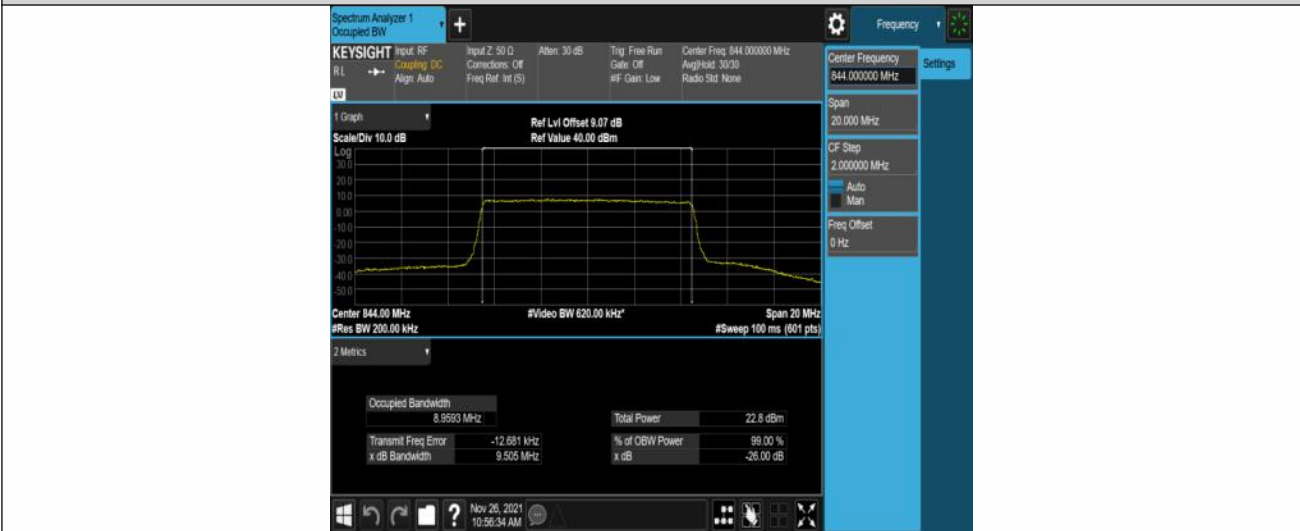
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-33.11	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-32.24	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.23	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.37	PASS
Band5	3MHz	QPSK	20635	15RB#0	-25.23	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.79	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.39	PASS
Band5	5MHz	QPSK	20425	25RB#0	-26.78	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.81	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.66	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.10	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.65	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.87	PASS
Band5	10MHz	16QAM	20450	50RB#0	-32.14	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.85	PASS

Test Graphs



Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Conducted Spurious Emission

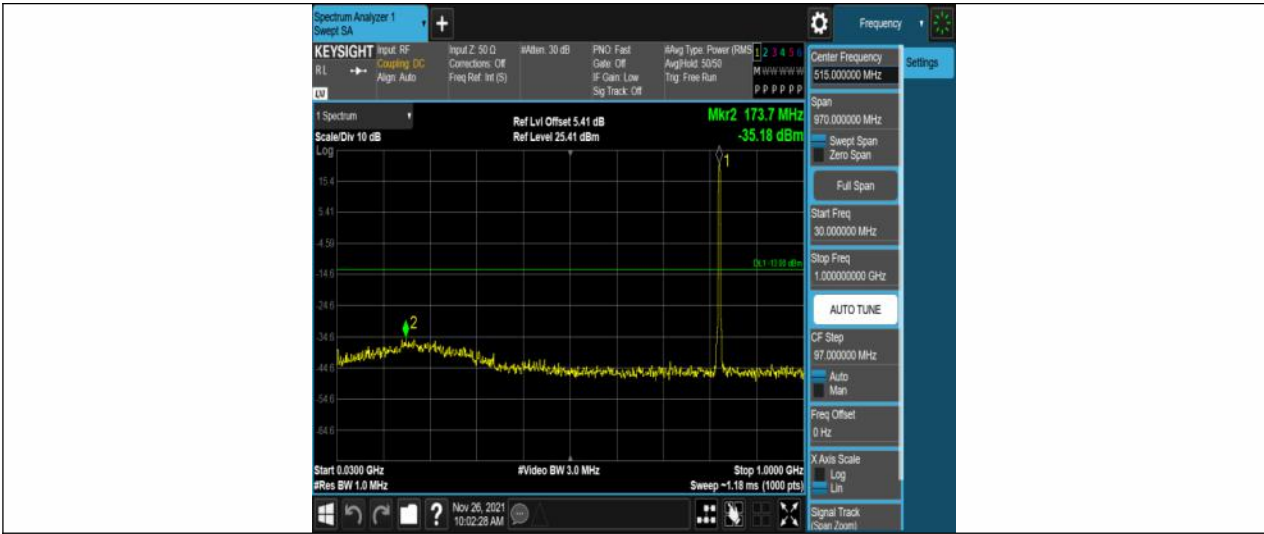
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	Range1:30~1000MHz	-35.18	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	Range2:1000~10000MHz	-31.49	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	Range1:30~1000MHz	-34.74	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	Range2:1000~10000MHz	-31.94	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	Range1:30~1000MHz	-34.83	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	Range2:1000~10000MHz	-30.58	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	Range1:30~1000MHz	-35.14	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	Range2:1000~10000MHz	-34.33	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	Range1:30~1000MHz	-35.39	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	Range2:1000~10000MHz	-32.13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	Range1:30~1000MHz	-35.46	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	Range2:1000~10000MHz	-33.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	Range1:30~1000MHz	-34.47	PASS
Band5	3MHz	QPSK	20415	15RB#0	Range2:1000~10000MHz	-33.6	PASS
Band5	3MHz	QPSK	20525	15RB#0	Range1:30~1000MHz	-35.91	PASS
Band5	3MHz	QPSK	20525	15RB#0	Range2:1000~10000MHz	-35.36	PASS
Band5	3MHz	QPSK	20635	15RB#0	Range1:30~1000MHz	-35.15	PASS

					00MHz		
Band5	3MHz	QPSK	20635	15RB#0	Range2:1000~10000MHz	-33.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	Range1:30~1000MHz	-34.99	PASS
Band5	3MHz	16QAM	20415	15RB#0	Range2:1000~10000MHz	-31.95	PASS
Band5	3MHz	16QAM	20525	15RB#0	Range1:30~1000MHz	-34.35	PASS
Band5	3MHz	16QAM	20525	15RB#0	Range2:1000~10000MHz	-36.83	PASS
Band5	3MHz	16QAM	20635	15RB#0	Range1:30~1000MHz	-34.02	PASS
Band5	3MHz	16QAM	20635	15RB#0	Range2:1000~10000MHz	-34.72	PASS
Band5	5MHz	QPSK	20425	25RB#0	Range1:30~1000MHz	-35.01	PASS
Band5	5MHz	QPSK	20425	25RB#0	Range2:1000~10000MHz	-36.3	PASS
Band5	5MHz	QPSK	20525	25RB#0	Range1:30~1000MHz	-35.21	PASS
Band5	5MHz	QPSK	20525	25RB#0	Range2:1000~10000MHz	-36.24	PASS
Band5	5MHz	QPSK	20625	25RB#0	Range1:30~1000MHz	-34.96	PASS
Band5	5MHz	QPSK	20625	25RB#0	Range2:1000~10000MHz	-35.22	PASS
Band5	5MHz	16QAM	20425	25RB#0	Range1:30~1000MHz	-34.72	PASS
Band5	5MHz	16QAM	20425	25RB#0	Range2:1000~10000MHz	-35.23	PASS
Band5	5MHz	16QAM	20525	25RB#0	Range1:30~1000MHz	-35.02	PASS
Band5	5MHz	16QAM	20525	25RB#0	Range2:1000~10000MHz	-36.59	PASS
Band5	5MHz	16QAM	20625	25RB#0	Range1:30~1000MHz	-35.73	PASS

Band5	5MHz	16QAM	20625	25RB#0	Range2:1000~10000MHz	-36.09	PASS
Band5	10MHz	QPSK	20450	50RB#0	Range1:30~1000MHz	-35.2	PASS
Band5	10MHz	QPSK	20450	50RB#0	Range2:1000~10000MHz	-36.75	PASS
Band5	10MHz	QPSK	20525	50RB#0	Range1:30~1000MHz	-35.32	PASS
Band5	10MHz	QPSK	20525	50RB#0	Range2:1000~10000MHz	-36.51	PASS
Band5	10MHz	QPSK	20600	50RB#0	Range1:30~1000MHz	-34.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	Range2:1000~10000MHz	-36.82	PASS
Band5	10MHz	16QAM	20450	50RB#0	Range1:30~1000MHz	-35.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	Range2:1000~10000MHz	-35.79	PASS
Band5	10MHz	16QAM	20525	50RB#0	Range1:30~1000MHz	-33.9	PASS
Band5	10MHz	16QAM	20525	50RB#0	Range2:1000~10000MHz	-35.36	PASS
Band5	10MHz	16QAM	20600	50RB#0	Range1:30~1000MHz	-33.13	PASS
Band5	10MHz	16QAM	20600	50RB#0	Range2:1000~10000MHz	-36.62	PASS

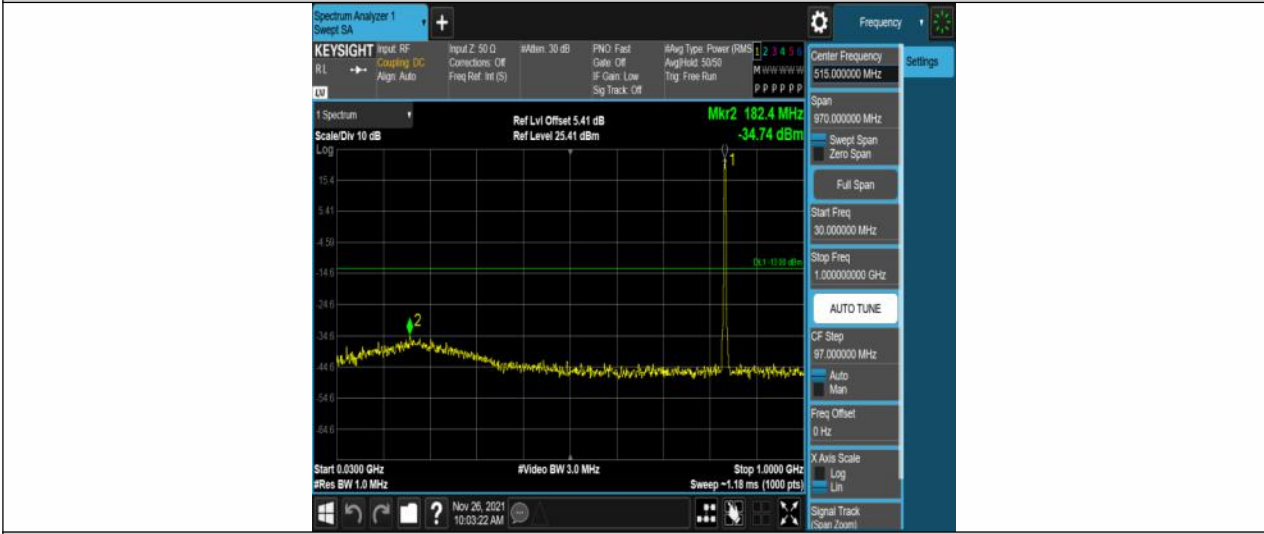
Test Graphs



Band5-1.4MHz-QPSK-20407-6RB#0-Range1:30~1000MHz



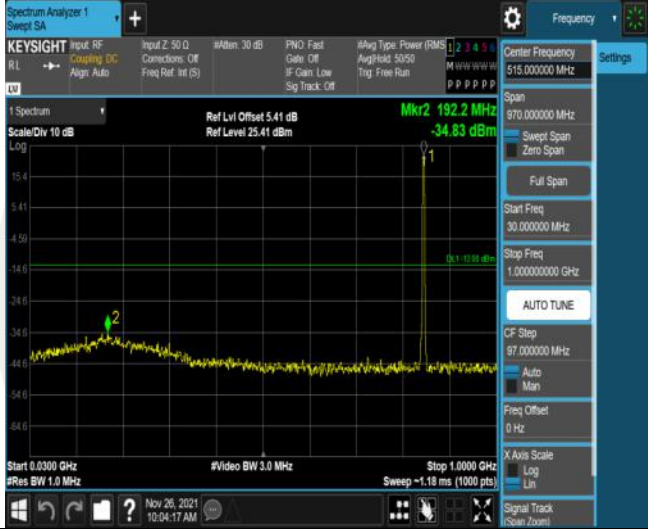
Band5-1.4MHz-QPSK-20407-6RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20525-6RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20525-6RB#0-Range2:1000~1000MHz



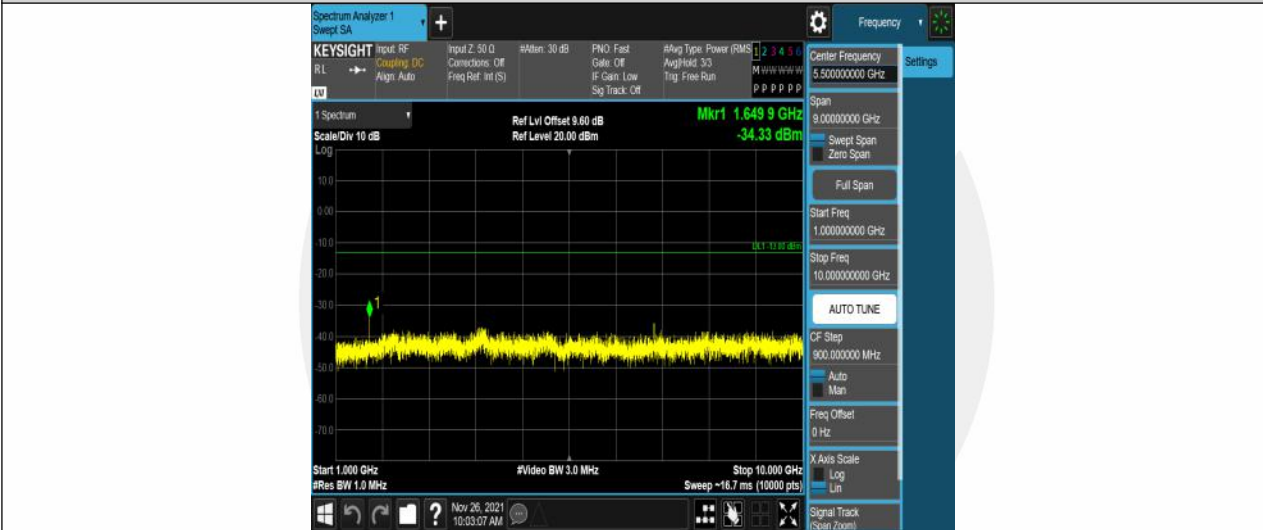
Band5-1.4MHz-QPSK-20643-6RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20643-6RB#0-Range2:1000~1000MHz



Band5-1.4MHz-16QAM-20407-6RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20407-6RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20525-6RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20525-6RB#0-Range2:1000~10000MHz



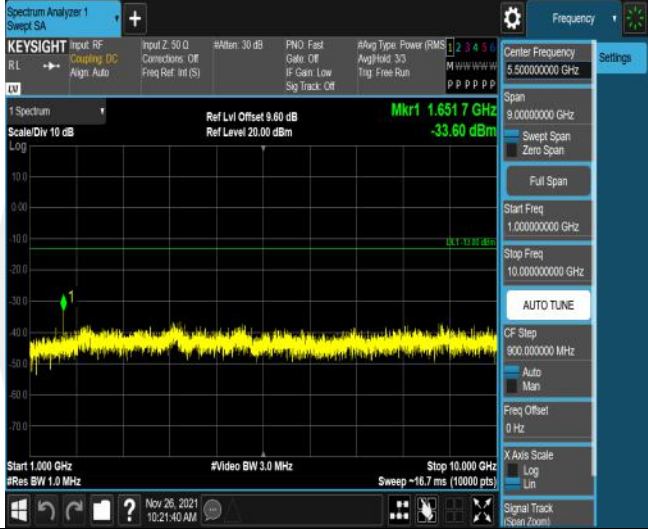
Band5-1.4MHz-16QAM-20643-6RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20643-6RB#0-Range2:1000~10000MHz



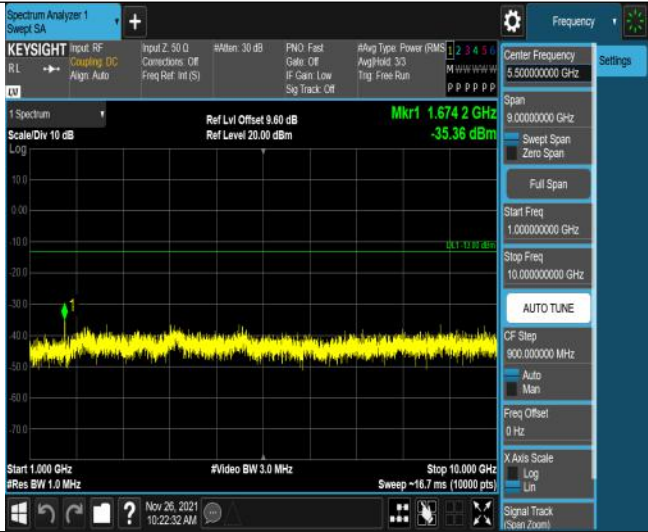
Band5-3MHz-QPSK-20415-15RB#0-Range1:30~1000MHz



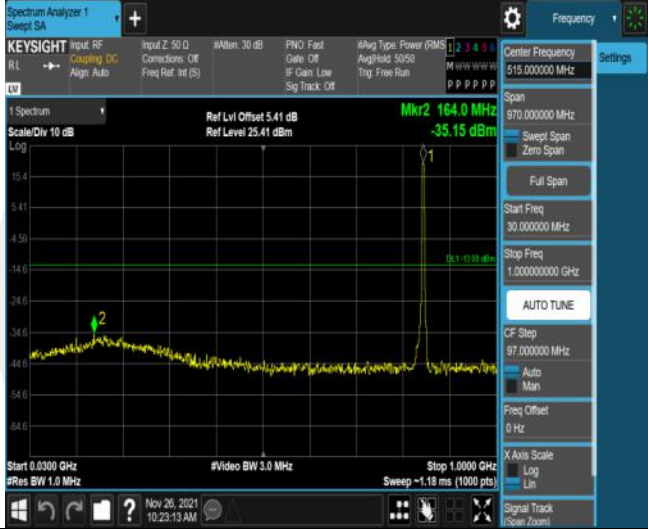
Band5-3MHz-QPSK-20415-15RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20525-15RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20525-15RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20635-15RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20635-15RB#0-Range2:1000~10000MHz



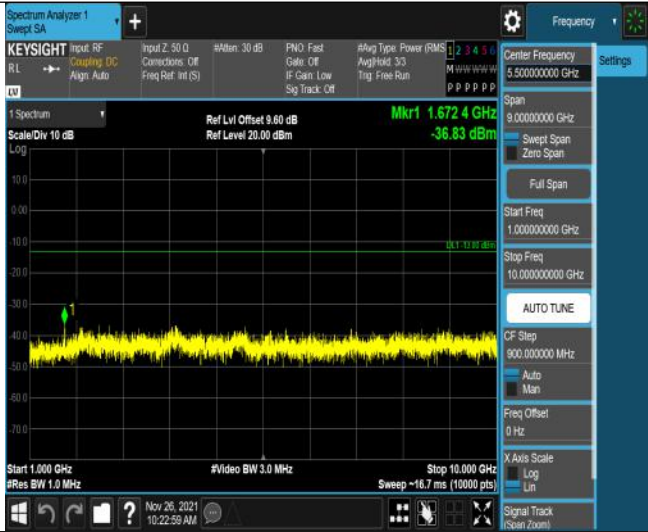
Band5-3MHz-16QAM-20415-15RB#0-Range1:30~1000MHz



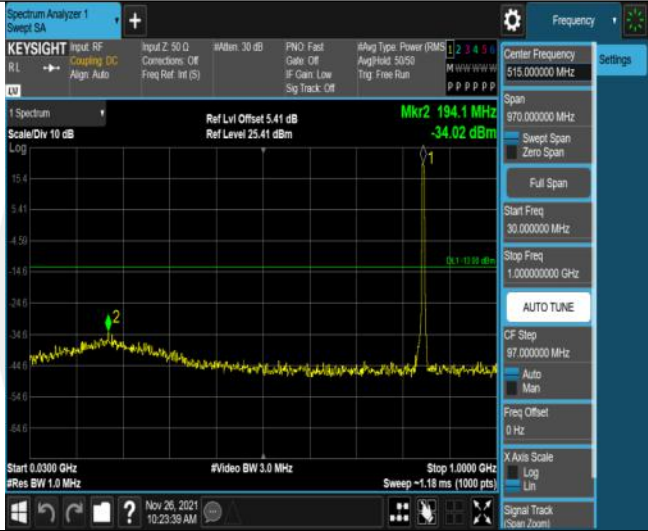
Band5-3MHz-16QAM-20415-15RB#0-Range2:1000~10000MHz



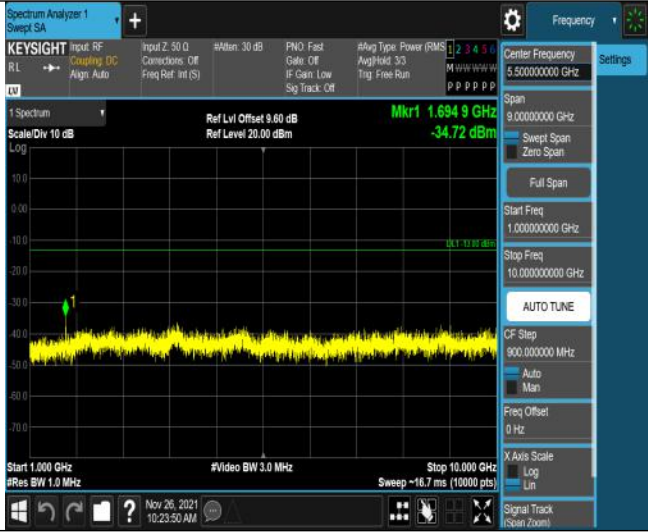
Band5-3MHz-16QAM-20525-15RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20525-15RB#0-Range2: 1000~10000MHz



Band5-3MHz-16QAM-20635-15RB#0-Range1:30~1000MHz



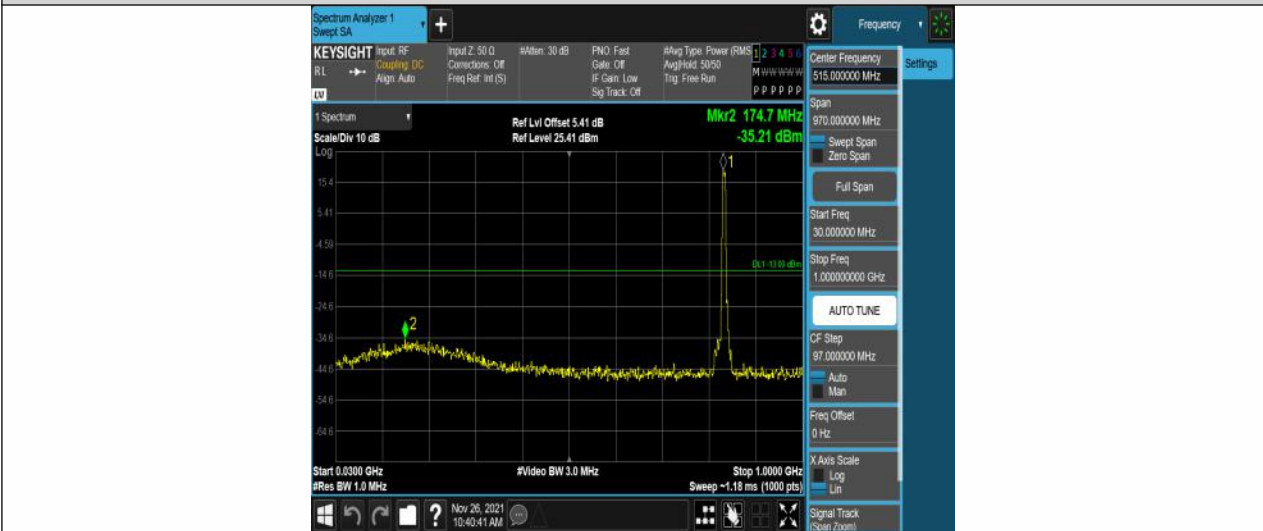
Band5-3MHz-16QAM-20635-15RB#0-Range2: 1000~10000MHz



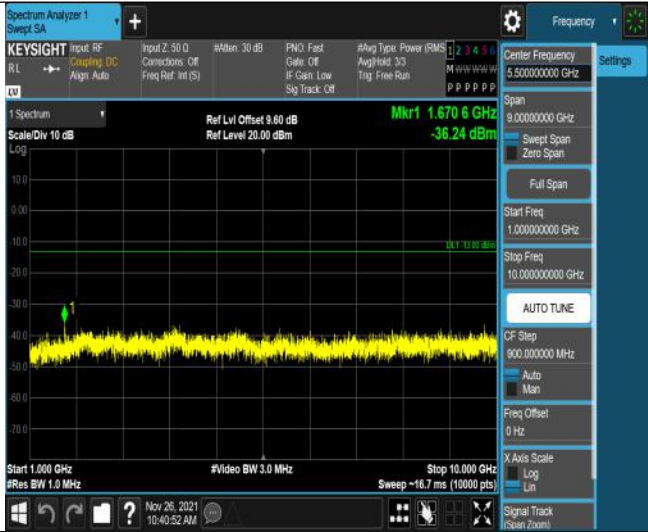
Band5-5MHz-QPSK-20425-25RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20425-25RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20525-25RB#0-Range1:30~1000MHz



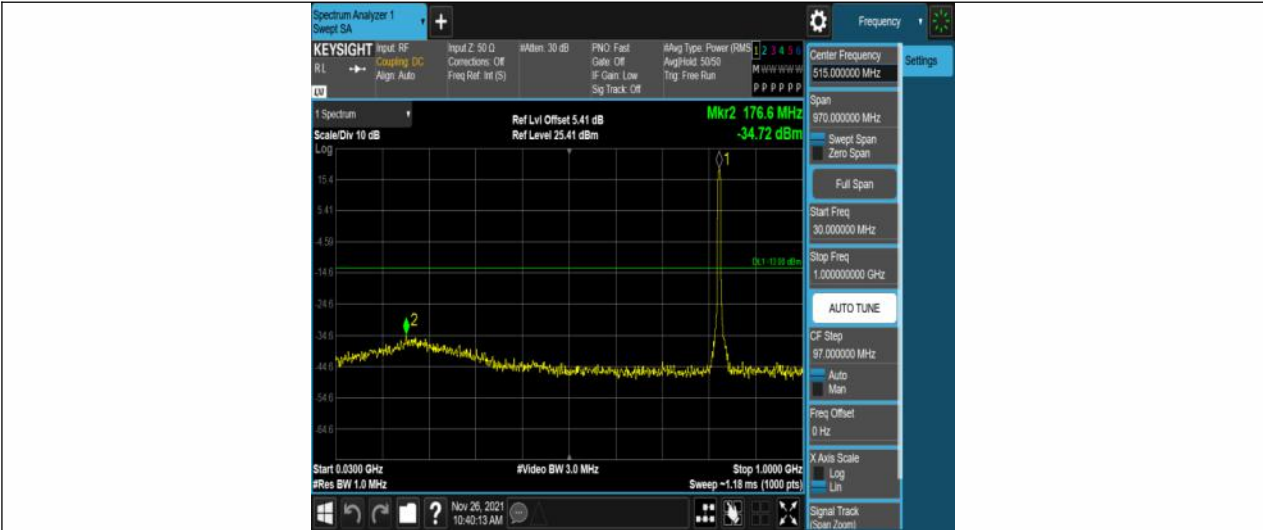
Band5-5MHz-QPSK-20525-25RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20625-25RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20625-25RB#0-Range2:1000~10000MHz



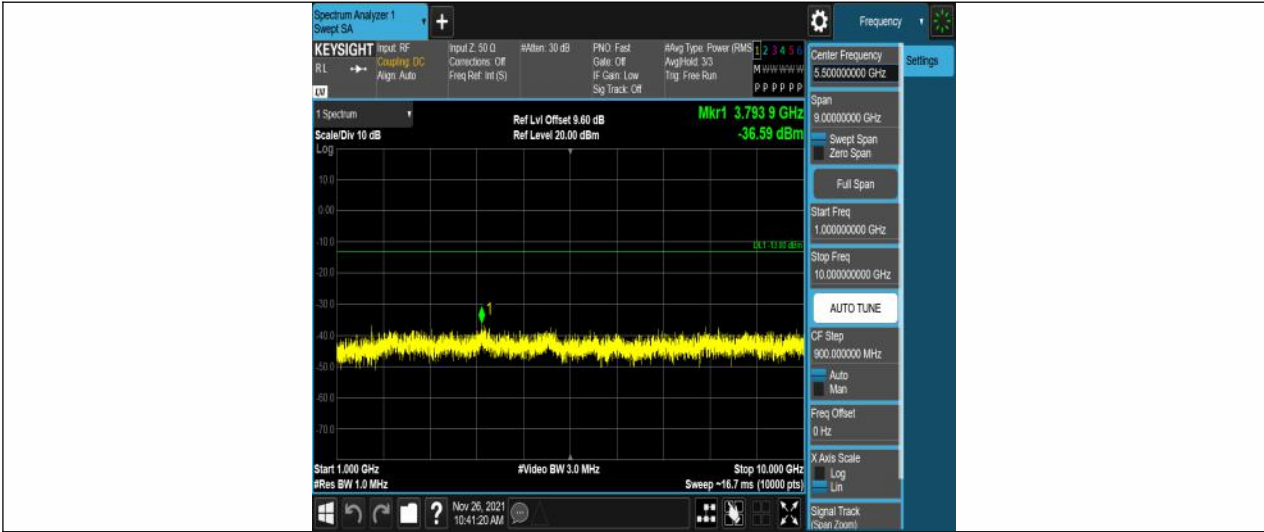
Band5-5MHz-16QAM-20425-25RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20425-25RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20525-25RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20525-25RB#0-Range2: 1000~10000MHz



Band5-5MHz-16QAM-20625-25RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20625-25RB#0-Range2: 1000~10000MHz



Band5-10MHz-QPSK-20450-50RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20450-50RB#0-Range2: 1000~10000MHz



Band5-10MHz-QPSK-20525-50RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20525-50RB#0-Range2: 1000~10000MHz



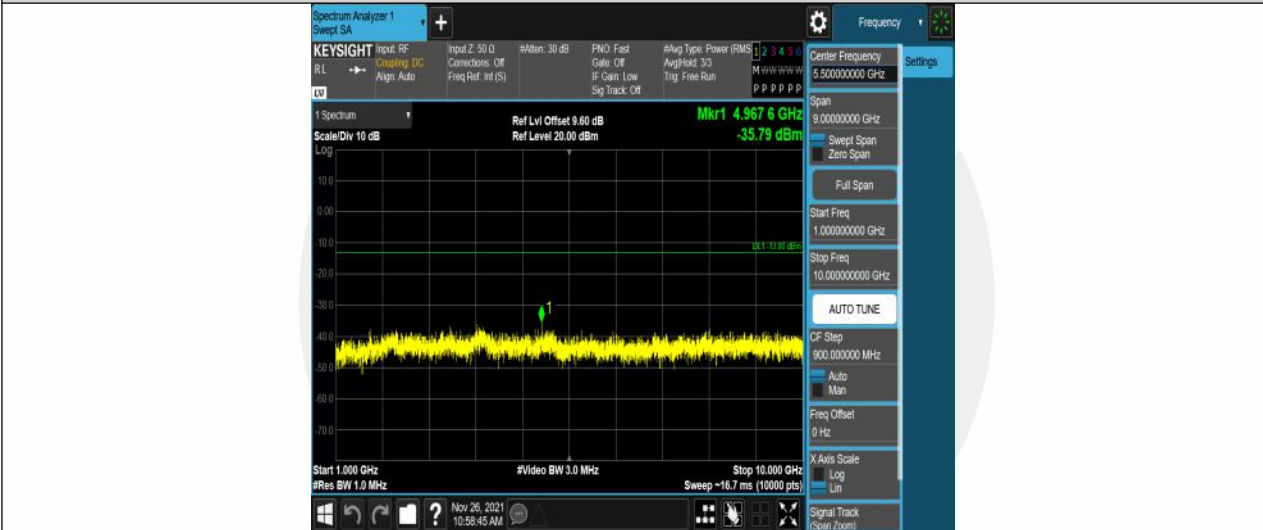
Band5-10MHz-QPSK-20600-50RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20600-50RB#0-Range2: 1000~10000MHz



Band5-10MHz-16QAM-20450-50RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20450-50RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20525-50RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20525-50RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-50RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-50RB#0-Range2:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-4.63	-0.005614	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-4.95	-0.006002	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-3.91	-0.004741	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-2.26	-0.002702	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-3.06	-0.003658	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	2.06	0.002463	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-4.23	-0.004986	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	2.02	0.002381	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-2.86	-0.003371	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-2.06	-0.002498	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-4.96	-0.006014	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-3.38	-0.004098	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-3.81	-0.004555	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	0.93	0.001112	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-3.42	-0.004088	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-2.93	-0.003454	±2.5	PASS

Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-3.32	-0.0039 14	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-2.60	-0.0030 65	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	2.86	0.00346 5	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-2.60	-0.0031 50	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	2.32	0.00281 0	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.05	-0.0024 51	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-2.46	-0.0029 41	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-3.28	-0.0039 21	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-2.80	-0.0033 04	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	1.30	0.00153 4	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-2.39	-0.0028 20	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-4.26	-0.0051 61	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-4.02	-0.0048 70	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-4.32	-0.0052 33	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-2.90	-0.0034 67	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	1.83	0.00218 8	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-2.40	-0.0028 69	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-4.41	-0.0052 04	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-3.48	-0.0041	±2.5	PASS

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Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-2.12	-0.0025 01	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-3.13	-0.0037 87	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-4.56	-0.0055 17	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-4.76	-0.0057 59	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-2.72	-0.0032 52	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-2.92	-0.0034 91	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	2.45	0.00292 9	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-2.79	-0.0032 96	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.65	-0.0031 31	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-1.53	-0.0018 07	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-3.29	-0.0039 81	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-2.33	-0.0028 19	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-4.49	-0.0054 33	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-2.70	-0.0032 28	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	2.36	0.00282 1	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	4.11	0.00491 3	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-2.27	-0.0026 82	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	5.44	0.00642 6	±2.5	PASS

Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-2.40	-0.0028 35	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.76	-0.0033 29	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	4.18	0.00504 2	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	1.99	0.00240 0	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	1.27	0.00151 8	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.97	-0.0023 55	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.47	-0.0029 53	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-4.88	-0.0057 82	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	3.71	0.00439 6	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.42	-0.0028 67	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-4.06	-0.0048 97	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.53	-0.0030 52	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.40	-0.0041 01	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	2.63	0.00314 4	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-3.59	-0.0042 92	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.66	-0.0031 80	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.60	-0.0030 81	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.45	-0.0029 03	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	2.26	0.00267	±2.5	PASS

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Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-3.09	-0.0037 47	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-2.76	-0.0033 47	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	3.06	0.00371 0	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-4.11	-0.0049 84	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-2.13	-0.0025 83	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-2.93	-0.0035 53	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-2.96	-0.0035 89	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-4.29	-0.0052 02	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-3.72	-0.00451 1	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	3.98	0.00475 8	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-1.52	-0.0018 17	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-4.68	-0.0055 95	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-5.02	-0.0060 01	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-2.25	-0.0026 90	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-2.43	-0.0029 05	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-2.82	-0.0033 71	±2.5	PASS

Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-3.76	-0.0044 95	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-2.57	-0.0030 72	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-3.63	-0.0042 79	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-4.63	-0.0054 58	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	2.76	0.00325 4	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-1.39	-0.0016 39	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-2.86	-0.0033 71	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-4.21	-0.0049 63	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-3.00	-0.0035 36	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	5.58	0.00657 8	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-2.09	-0.0024 64	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-5.06	-0.0061 36	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-2.79	-0.0033 83	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-7.32	-0.0088 76	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.32	-0.0040 26	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-2.03	-0.0024 62	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	2.12	0.00257 1	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-2.90	-0.0035 16	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-3.73	-0.0045	±2.5	PASS

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Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-3.30	-0.0040 01	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-3.03	-0.0036 22	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-2.26	-0.0027 02	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-4.46	-0.0053 32	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	2.80	0.00334 7	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-3.89	-0.0046 50	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-2.66	-0.0031 80	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-2.22	-0.0026 54	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-2.26	-0.0027 02	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	4.12	0.00492 5	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	4.89	0.00576 4	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-3.59	-0.0042 32	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	7.65	0.00901 8	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	3.78	0.00445 6	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-2.12	-0.0024 99	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	6.59	0.00776 8	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-2.27	-0.0026 76	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	3.59	0.00423 2	±2.5	PASS

Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	4.39	0.00517 5	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	3.12	0.00378 0	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-2.78	-0.0033 68	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	4.35	0.00527 0	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	3.43	0.00415 5	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-3.06	-0.0037 07	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	2.49	0.00301 6	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-3.85	-0.0046 64	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-3.73	-0.0045 18	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-4.63	-0.0056 09	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-2.70	-0.0032 28	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	3.18	0.00380 2	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-3.55	-0.0042 44	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	1.56	0.00186 5	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-2.33	-0.0027 85	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-1.99	-0.0023 79	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-1.75	-0.0020 92	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-2.10	-0.0025 10	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-3.78	-0.0045	±2.5	PASS

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Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-3.19	-0.0037 64	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-2.79	-0.0032 92	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-3.98	-0.0046 96	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-4.43	-0.0052 27	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.99	-0.0047 08	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.36	-0.0039 65	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-3.39	-0.0040 00	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-1.34	-0.0015 81	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-3.99	-0.0047 08	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-3.12	-0.0037 80	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-3.30	-0.0039 98	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	2.36	0.00285 9	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	4.06	0.00491 8	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	6.74	0.00816 5	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	2.78	0.00336 8	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-3.38	-0.0040 94	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-3.00	-0.0036 34	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-3.26	-0.0039 49	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-4.15	-0.0049 61	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-2.57	-0.0030 72	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-4.05	-0.0048 42	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-2.26	-0.0027 02	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	3.46	0.00413 6	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	4.73	0.00565 5	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-2.89	-0.0034 55	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	4.06	0.00485 4	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	3.13	0.00374 2	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-2.78	-0.0032 80	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-2.76	-0.0032 57	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-2.13	-0.0025 13	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-2.40	-0.0028 32	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-3.99	-0.0047 08	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-3.45	-0.0040 71	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-5.19	-0.0061 24	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-4.03	-0.0047 55	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-4.96	-0.0058 53	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.46	-0.0041	±2.5	PASS

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Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-3.32	-0.0040 17	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-4.99	-0.0060 38	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.86	-0.0046 70	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.09	-0.0037 39	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-2.98	-0.0036 06	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-2.60	-0.0031 46	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-2.53	-0.0030 61	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	2.70	0.00326 7	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-3.58	-0.0042 80	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-3.28	-0.0039 21	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-1.90	-0.0022 71	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-2.46	-0.0029 41	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-2.35	-0.0028 09	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	2.05	0.00245 1	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-4.38	-0.0052 36	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	2.29	0.00273 8	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-2.37	-0.0028 33	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	3.12	0.00368 6	±2.5	PASS

Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-1.83	-0.0021 62	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	3.76	0.00444 2	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	3.43	0.00405 2	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-3.22	-0.0038 04	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	2.60	0.00307 1	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-2.90	-0.0034 26	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-1.69	-0.0019 96	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	2.75	0.00324 9	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-3.15	-0.00381 1	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-2.98	-0.0036 06	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-3.79	-0.0045 86	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-2.52	-0.0030 49	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-2.50	-0.0030 25	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-3.26	-0.0039 44	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-5.26	-0.0063 64	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-4.11	-0.0049 73	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-2.25	-0.0027 22	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-1.13	-0.0013 51	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	4.02	0.00480	±2.5	PASS

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Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-1.75	-0.0020 92	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	1.54	0.00184 1	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	2.46	0.00294 1	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	2.15	0.00257 0	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-4.16	-0.0049 73	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-2.88	-0.0034 43	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-1.09	-0.0013 03	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-4.32	-0.0051 03	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	4.86	0.00574 1	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	4.81	0.00568 2	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	6.58	0.00777 3	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	2.56	0.00302 4	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	2.37	0.00280 0	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-2.85	-0.0033 67	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	3.95	0.00466 6	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-8.63	-0.0101 95	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	3.52	0.00424 6	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.73	-0.0044 99	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-3.30	-0.0039 81	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	2.53	0.00305 2	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.49	-0.0030 04	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-1.20	-0.0014 48	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	2.20	0.00265 4	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.15	-0.0038 00	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-2.12	-0.0025 57	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-1.56	-0.0018 65	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-3.82	-0.0045 67	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-2.53	-0.0030 25	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.89	-0.0022 59	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.57	-0.0030 72	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	2.05	0.00245 1	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-2.15	-0.0025 70	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	3.12	0.00373 0	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-2.83	-0.0033 83	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	1.52	0.00180 1	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-1.75	-0.0020 73	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-2.65	-0.0031	±2.5	PASS

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Band5	10MHz	QPSK	20600	50RB#0	NV	0	-2.30	-0.0027 25	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-2.16	-0.0025 59	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	2.92	0.00346 0	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	3.99	0.00472 7	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-1.83	-0.0021 68	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	3.22	0.00381 5	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-4.19	-0.0050 54	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-2.05	-0.0024 73	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-2.52	-0.0030 40	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-1.65	-0.0019 90	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-3.73	-0.0044 99	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.75	-0.0033 17	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-3.06	-0.0036 91	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.34	-0.0016 16	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	1.59	0.00191 8	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-3.82	-0.0045 67	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.05	-0.0036 46	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-3.68	-0.0043 99	±2.5	PASS

Band5	10MHz	16QAM	20525	50RB#0	NV	0	-3.23	-0.0038 61	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-2.06	-0.0024 63	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-2.09	-0.0024 99	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-2.62	-0.0031 32	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	2.60	0.00310 8	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-3.19	-0.0038 14	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	1.70	0.00201 4	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-1.33	-0.0015 76	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-1.54	-0.0018 25	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	2.06	0.00244 1	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	2.37	0.00280 8	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-2.23	-0.0026 42	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	2.45	0.00290 3	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-1.96	-0.0023 22	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	1.93	0.00228 7	±2.5	PASS