

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	ERP/EIRP (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.84	25.66	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.85	25.67	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.74	25.56	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.85	25.67	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.76	25.58	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.78	25.6	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.76	24.58	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.67	24.49	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.83	24.65	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.70	24.52	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.71	24.53	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.79	24.61	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.68	24.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.89	23.71	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.65	25.47	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.63	25.45	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.60	25.42	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.60	25.42	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.61	25.43	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.60	25.42	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.57	24.39	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.56	24.38	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.79	24.61	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.55	24.37	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.29	25.11	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.27	25.09	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.35	25.17	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.34	25.16	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.29	25.11	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.41	25.23	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.35	24.17	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.78	25.6	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.78	25.6	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.80	25.62	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.81	24.63	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.76	24.58	PASS



Band66	3MHz	QPSK	131987	8RB#7	22.72	24.54	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.78	24.6	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.69	25.51	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.66	25.48	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.66	25.48	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.58	24.4	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.61	24.43	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.57	24.39	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.62	24.44	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.25	25.07	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.29	25.11	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.36	25.18	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.35	24.17	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.32	24.14	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.40	24.22	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.32	24.14	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.92	25.74	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.70	25.52	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.87	25.69	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.76	24.58	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.74	24.56	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.74	24.56	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.77	24.59	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.65	25.47	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.62	25.44	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.64	25.46	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.61	24.43	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.57	24.39	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.54	24.36	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.61	24.43	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.21	25.03	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.20	25.02	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.45	25.27	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.23	24.05	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.25	24.07	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.30	24.12	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.28	24.1	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.82	25.64	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.64	25.46	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.72	25.54	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.79	24.61	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.72	24.54	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.66	24.48	PASS



Band66	10MHz	QPSK	132022	50RB#0	22.77	24.59	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.70	25.52	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.54	25.36	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.61	25.43	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.62	24.44	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.55	24.37	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.55	24.37	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.57	24.39	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.17	24.99	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.08	24.9	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.52	25.34	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.10	23.92	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.15	23.97	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.28	24.1	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.19	24.01	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.85	25.67	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.76	25.58	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.78	25.6	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.67	24.49	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.65	24.47	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.67	24.49	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.68	24.5	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.71	25.53	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.67	25.49	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.45	25.27	PASS
Band66	15MHz	QPSK	132322	38RB#0	22.57	24.39	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.51	24.33	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.55	24.37	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.56	24.38	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.11	24.93	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.04	24.86	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.42	25.24	PASS
Band66	15MHz	QPSK	132597	38RB#0	22.14	23.96	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.05	23.87	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.12	23.94	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.13	23.95	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.87	25.69	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.53	25.35	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.86	25.68	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.77	24.59	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.66	24.48	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.68	24.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.72	24.54	PASS



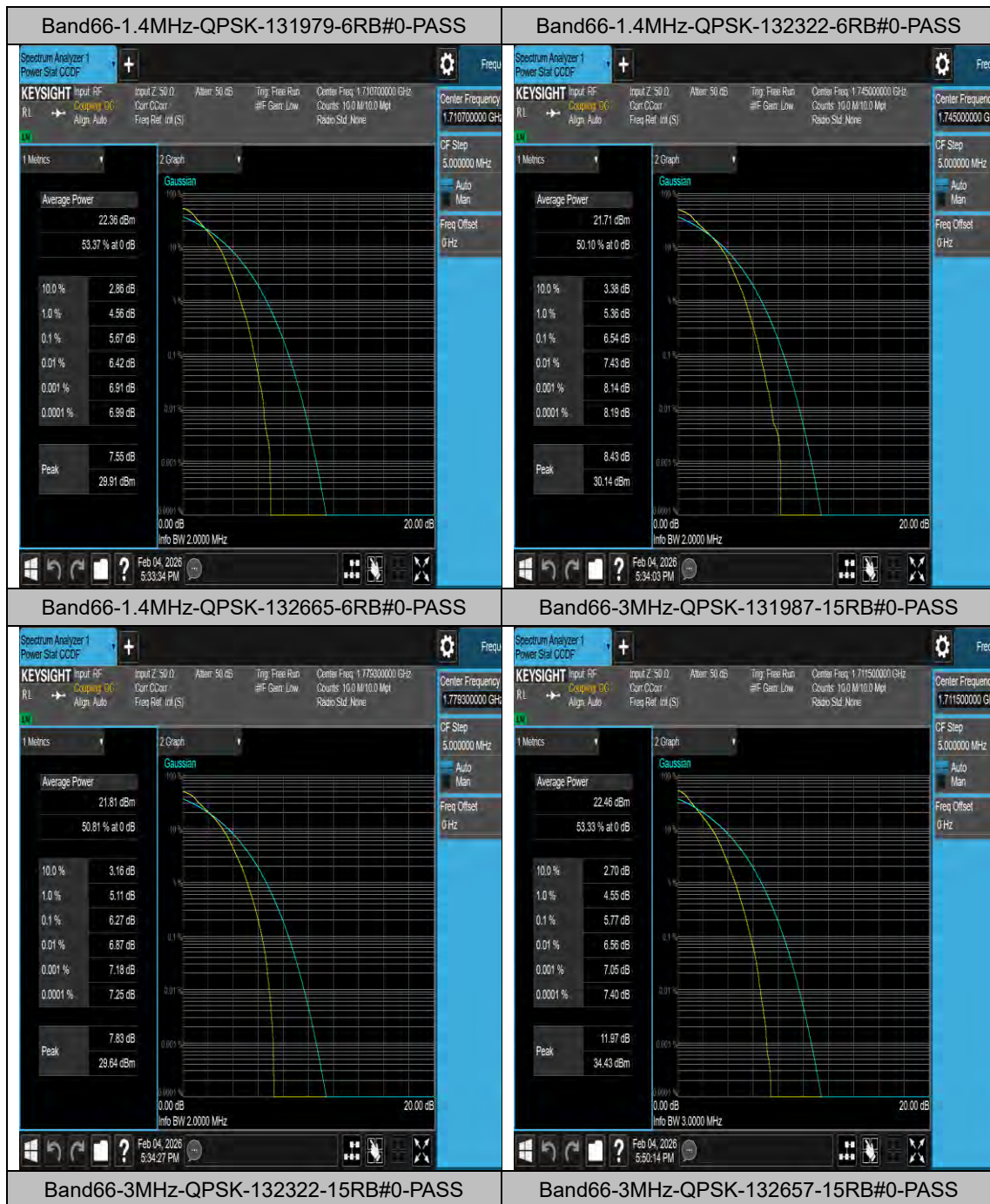
Band66	20MHz	QPSK	132322	1RB#0	23.78	25.6	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.74	25.56	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.47	25.29	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.64	24.46	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.58	24.4	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.53	24.35	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.60	24.42	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.24	25.06	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.08	24.9	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.38	25.2	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.16	23.98	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.08	23.9	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.22	24.04	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.14	23.96	PASS

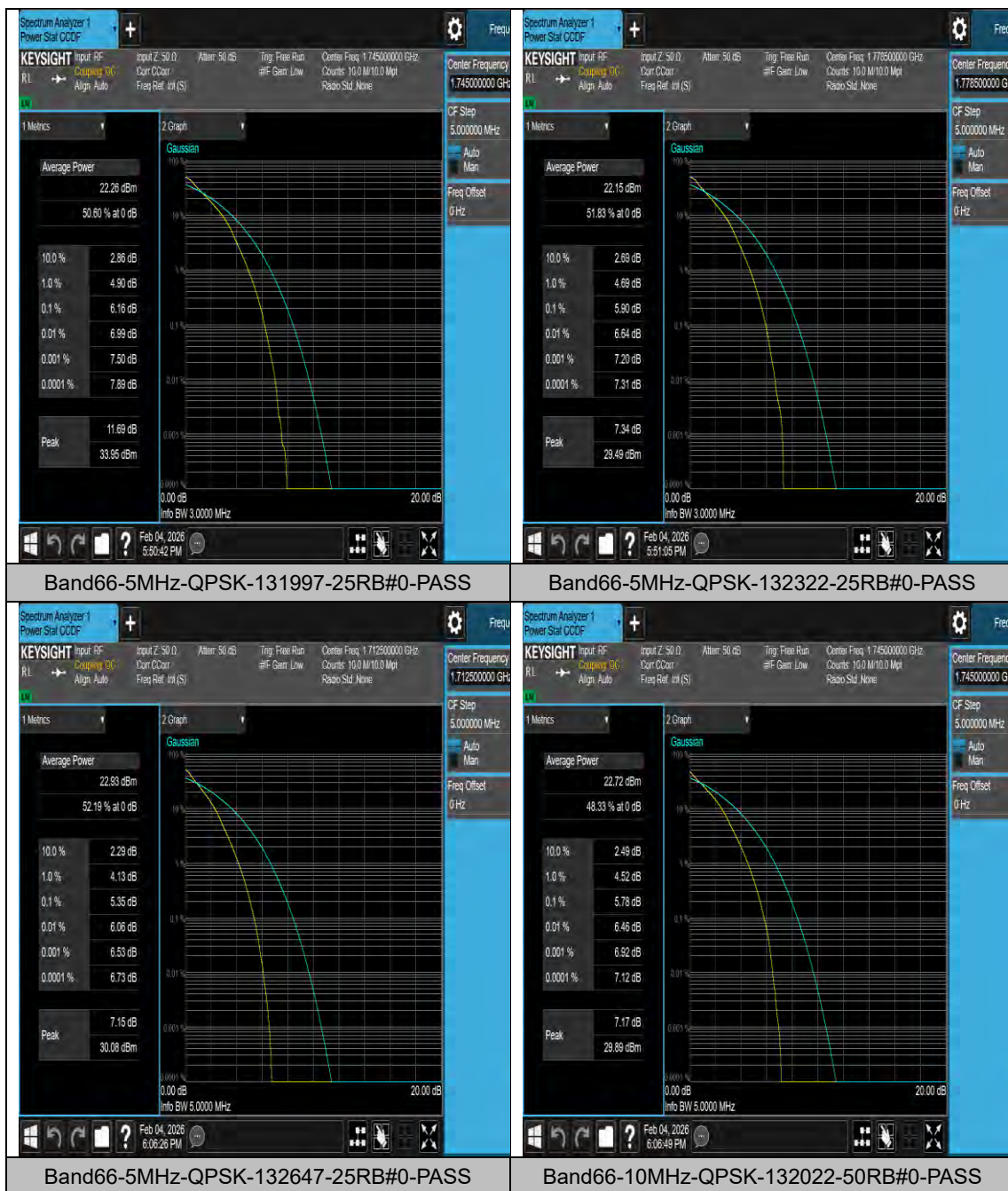
Appendix B: Peak-to-Average Ratio(CCDF)

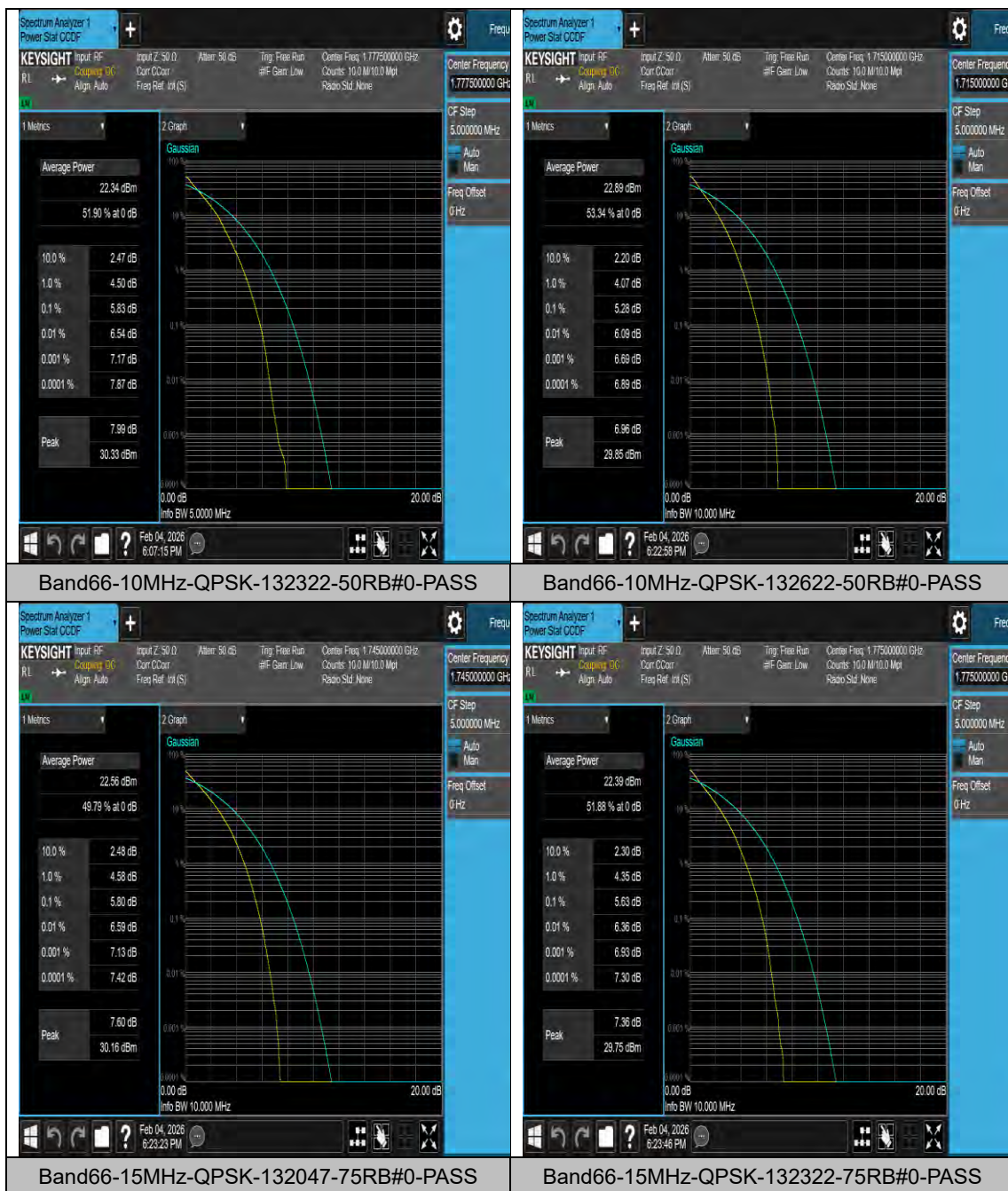
Test Result

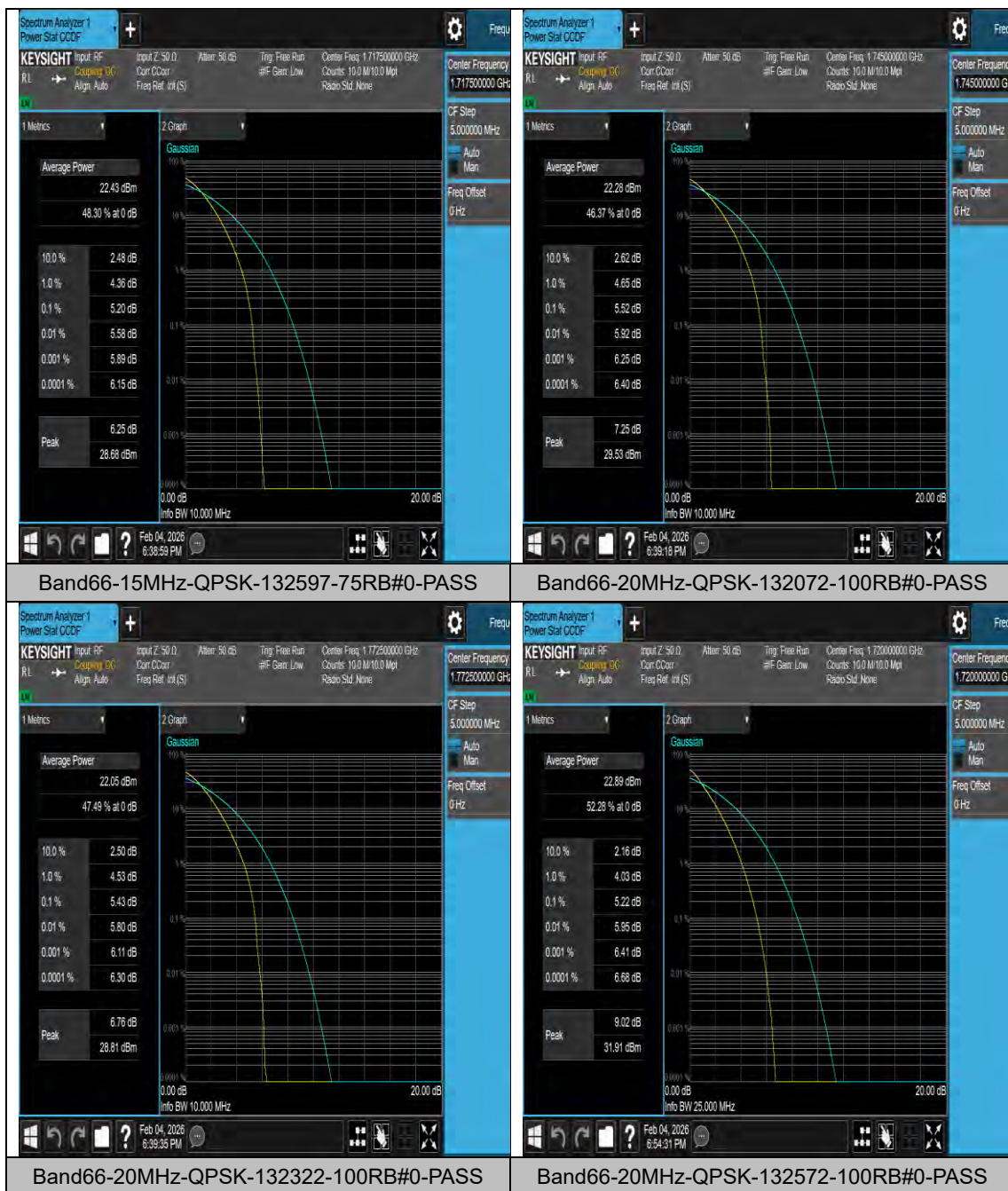
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.67	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	6.54	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	6.27	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.77	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	6.16	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.90	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.35	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.78	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.83	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.28	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.80	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.63	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.20	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.52	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.43	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.22	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.59	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.64	13	PASS

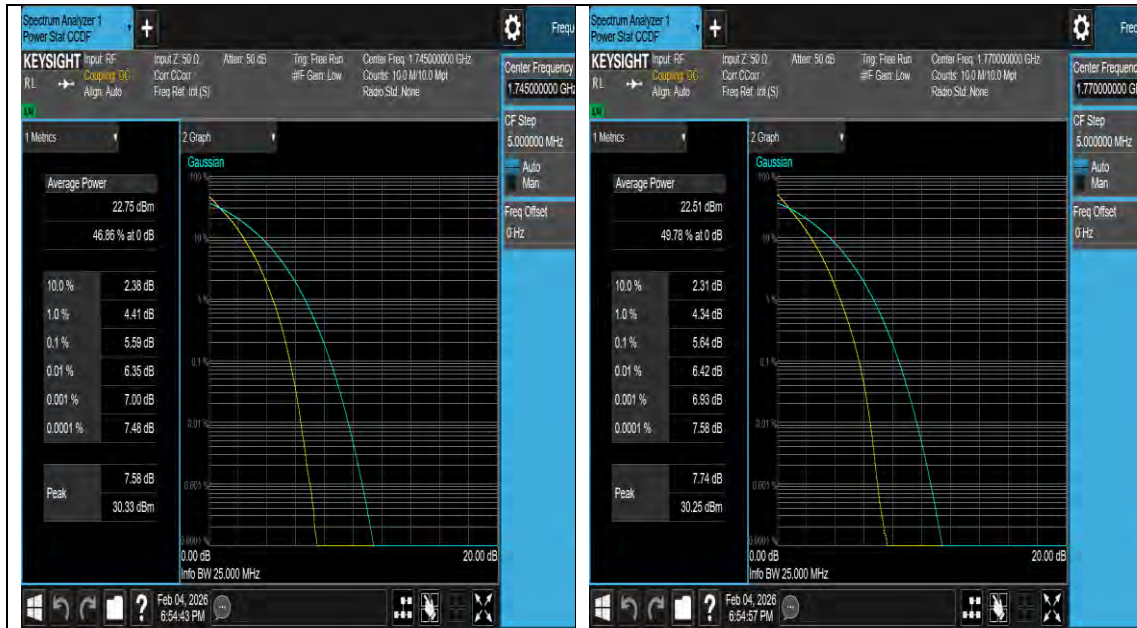
Test Graphs











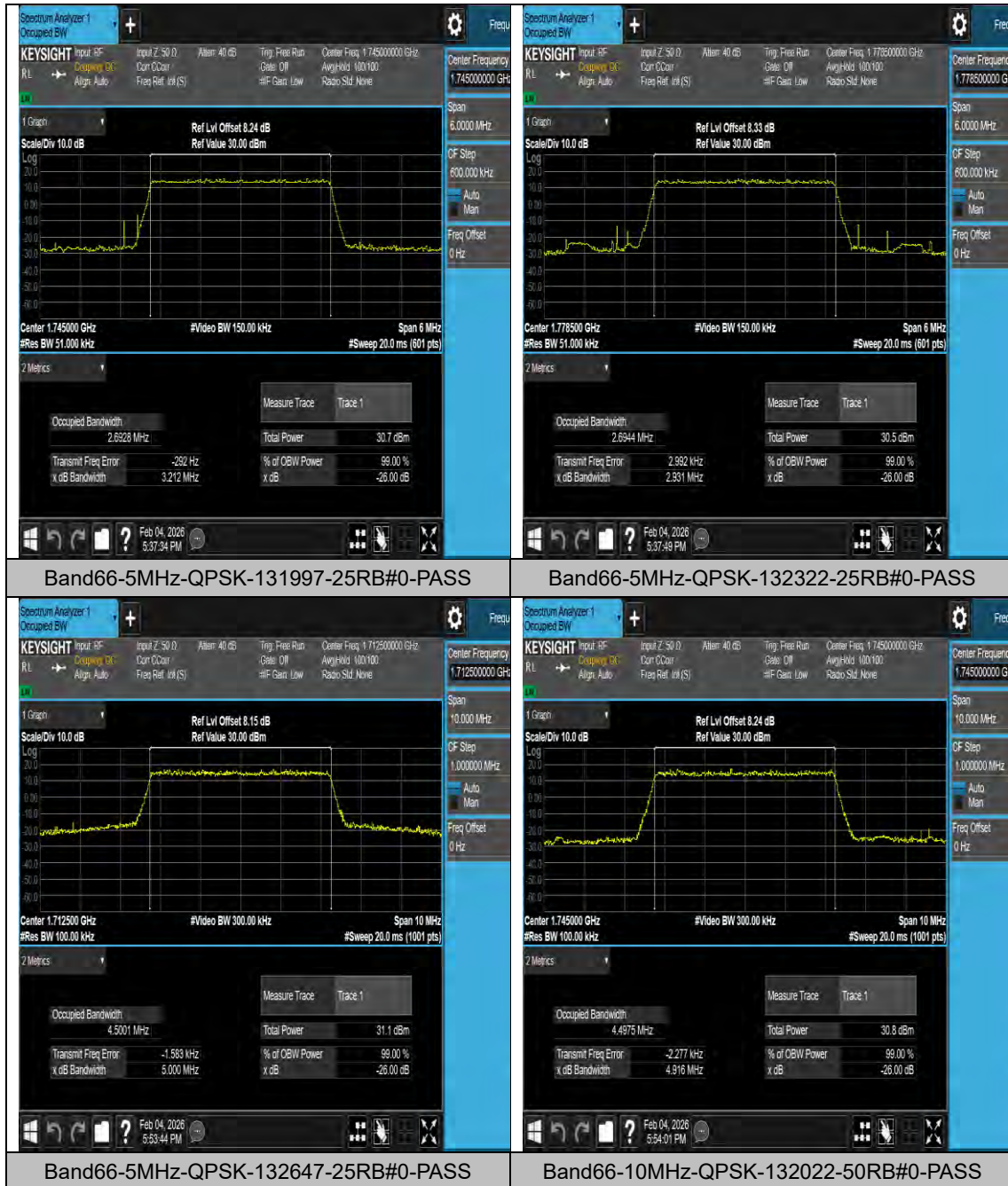
Appendix C: 26dB Bandwidth and Occupied Bandwidth

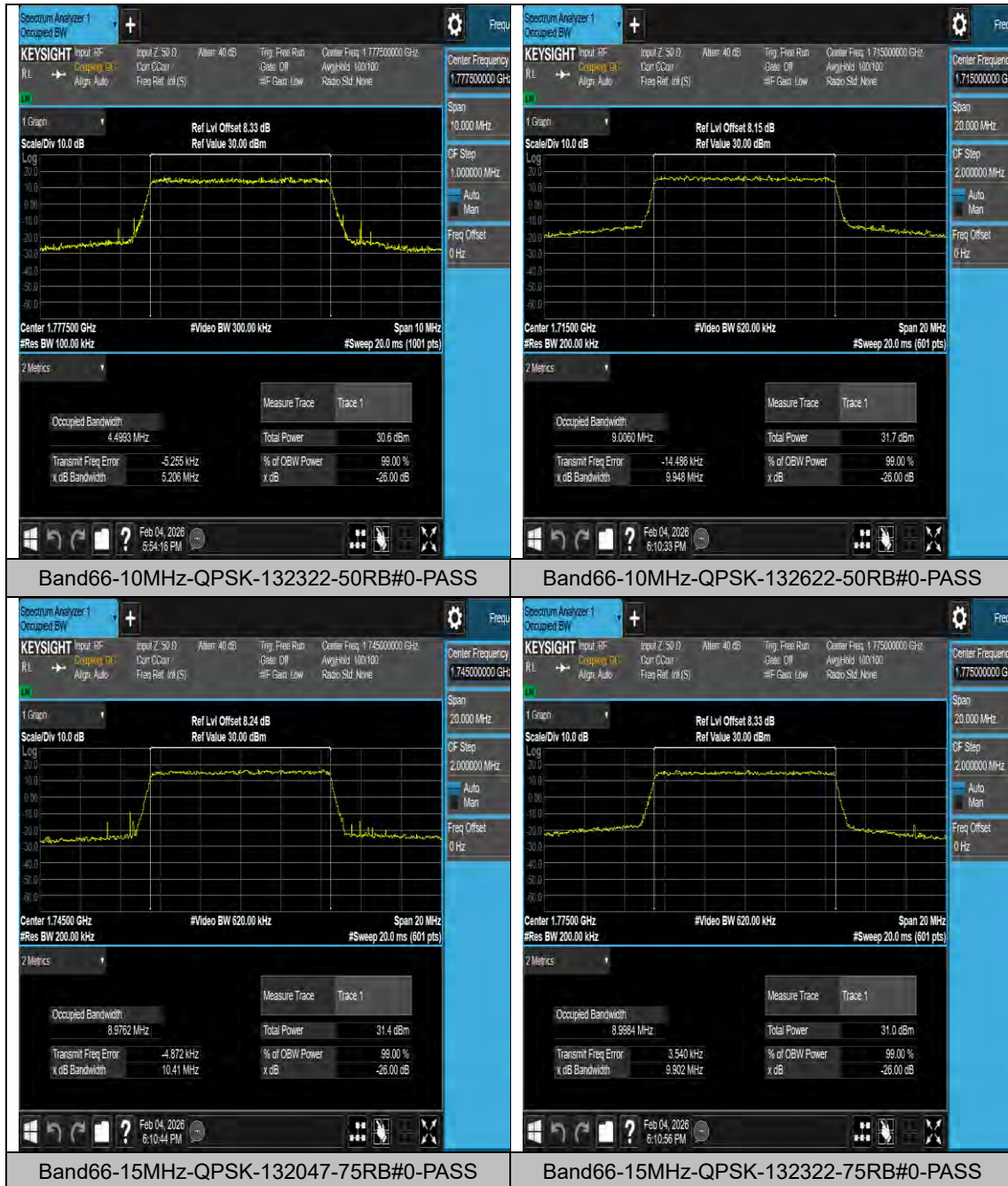
Test Result

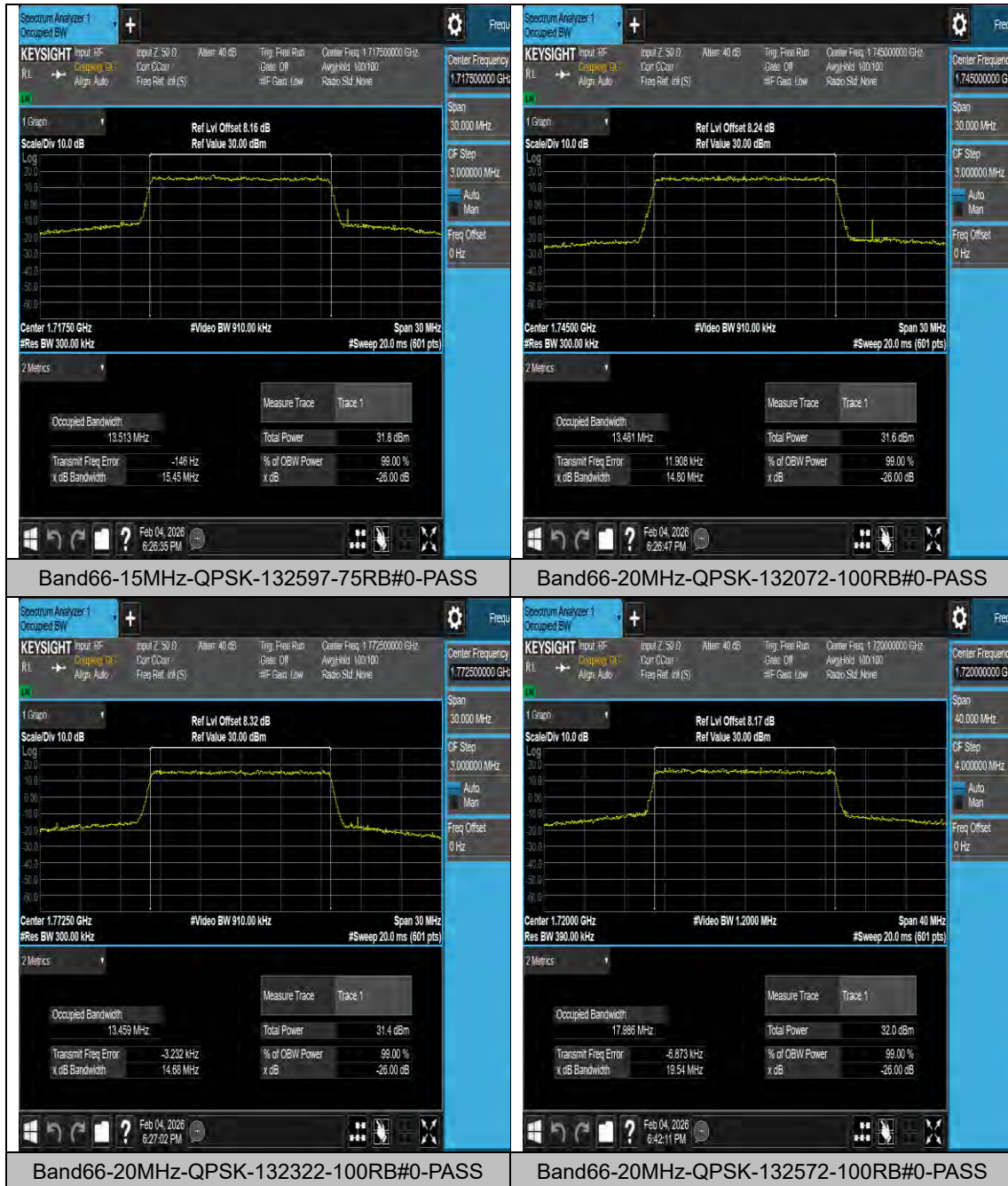
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0910	1.305	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0957	1.305	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0930	1.299	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6988	2.946	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6928	3.212	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6944	2.931	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5001	5.000	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4975	4.916	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4993	5.206	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0060	9.948	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9762	10.41	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9984	9.902	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.513	15.45	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.481	14.80	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.459	14.68	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.986	19.54	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.984	19.48	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.979	19.43	PASS

Test Graphs









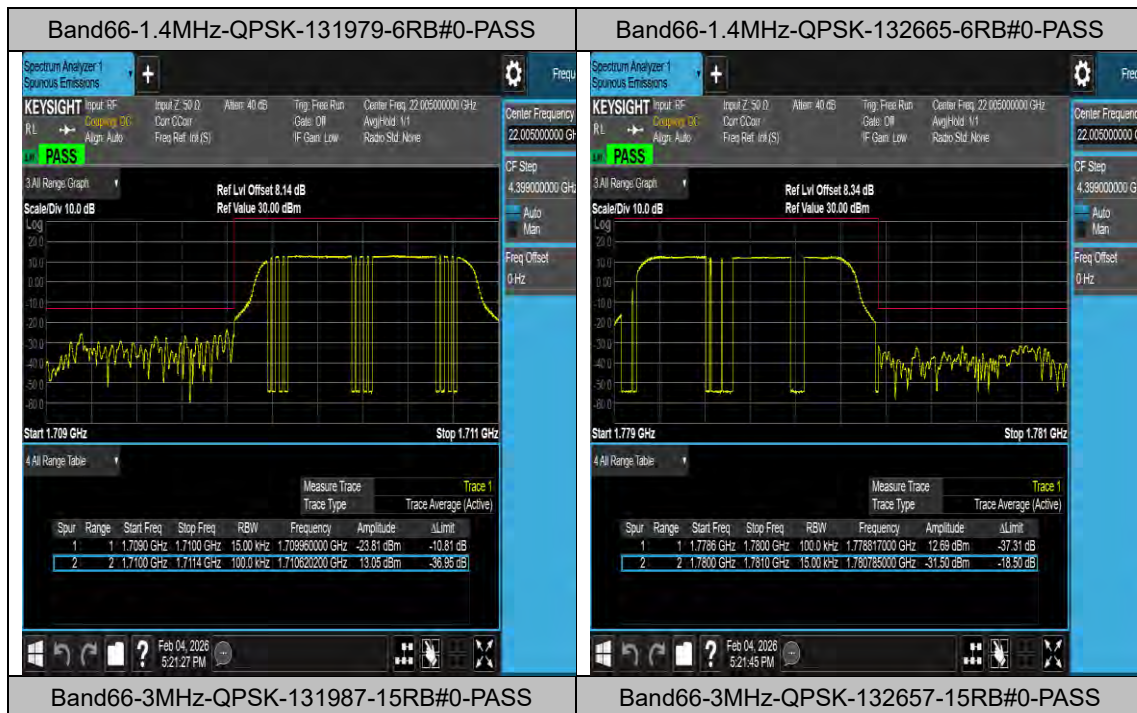


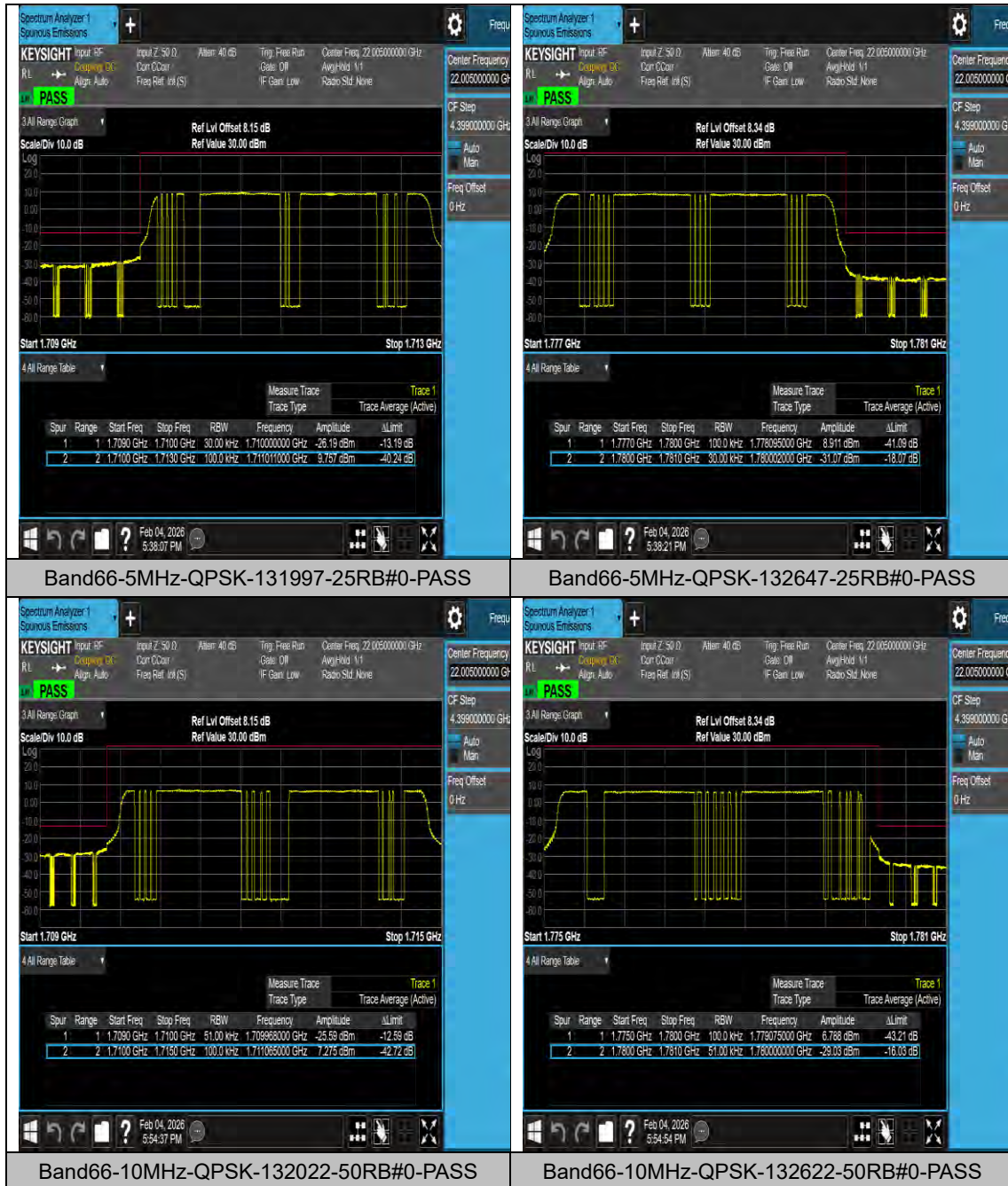
Appendix D: Band Edge

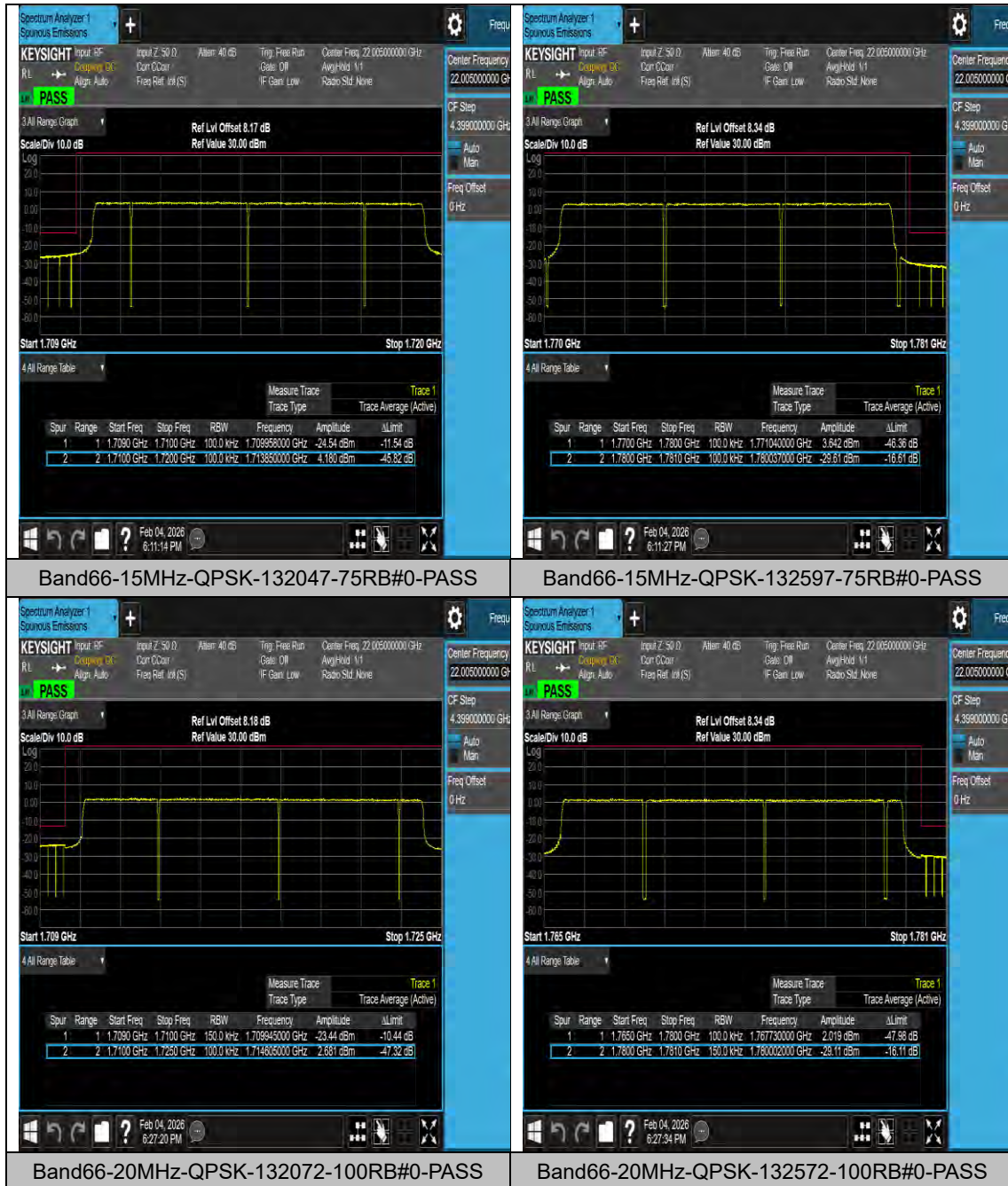
Test Result

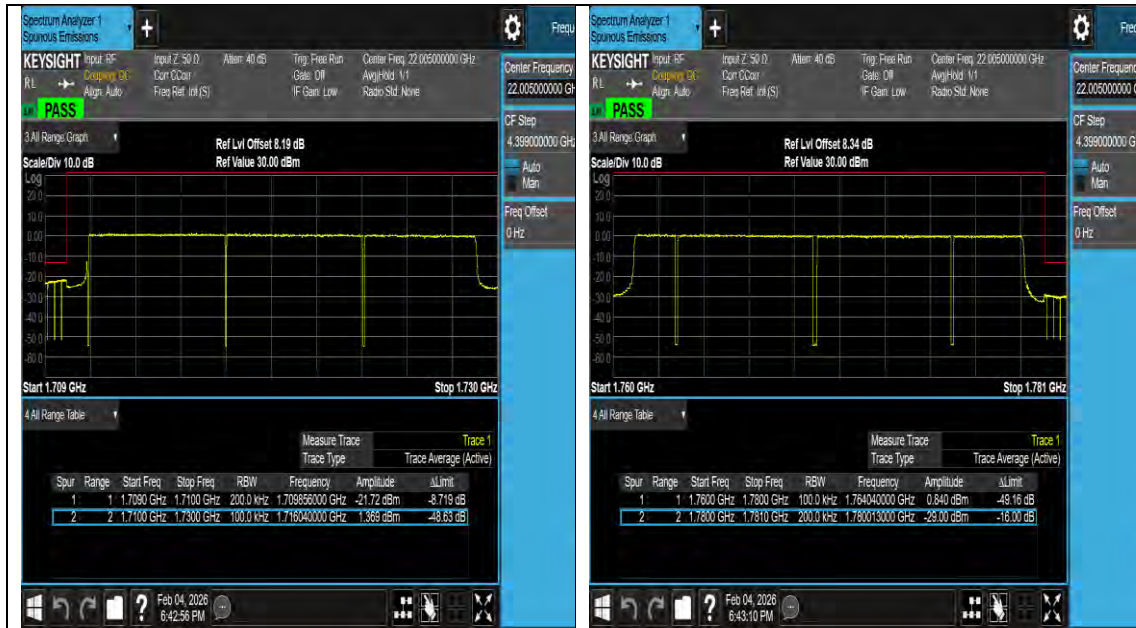
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Margin (dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-23.81	10.81	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-31.50	18.50	PASS
Band66	3MHz	QPSK	131987	15RB#0	-26.19	13.19	PASS
Band66	3MHz	QPSK	132657	15RB#0	-31.07	18.07	PASS
Band66	5MHz	QPSK	131997	25RB#0	-25.59	12.59	PASS
Band66	5MHz	QPSK	132647	25RB#0	-29.03	16.03	PASS
Band66	10MHz	QPSK	132022	50RB#0	-24.54	11.54	PASS
Band66	10MHz	QPSK	132622	50RB#0	-29.61	16.61	PASS
Band66	15MHz	QPSK	132047	75RB#0	-23.44	10.44	PASS
Band66	15MHz	QPSK	132597	75RB#0	-29.11	16.11	PASS
Band66	20MHz	QPSK	132072	100RB#0	-21.72	8.72	PASS
Band66	20MHz	QPSK	132572	100RB#0	-29.00	16.00	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	0.009~0.15	-57.96	-43.0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	0.15~30	-69.47	-33.0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	30~1000	-61.43	-23.0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1000~3000	-21.49	-13.0	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	3000~20000	-28.69	-13.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0.009~0.15	-58.39	-43.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0.15~30	-69.07	-33.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	30~1000	-61.00	-23.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1000~3000	-48.01	-13.0	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	3000~20000	-28.83	-13.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	0.009~0.15	-56.98	-43.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	0.15~30	-67.65	-33.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	30~1000	-60.88	-23.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1000~3000	-21.75	-13.0	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	3000~20000	-28.72	-13.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	0.009~0.15	-58.15	-43.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	0.15~30	-69.91	-33.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	30~1000	-61.21	-23.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	1000~3000	-18.24	-13.0	PASS
Band66	3MHz	QPSK	131987	15RB#0	3000~20000	-28.71	-13.0	PASS
Band66	3MHz	QPSK	132322	15RB#0	0.009~0.15	-57.79	-43.0	PASS
Band66	3MHz	QPSK	132322	15RB#0	0.15~30	-67.70	-33.0	PASS
Band66	3MHz	QPSK	132322	15RB#0	30~1000	-60.35	-23.0	PASS

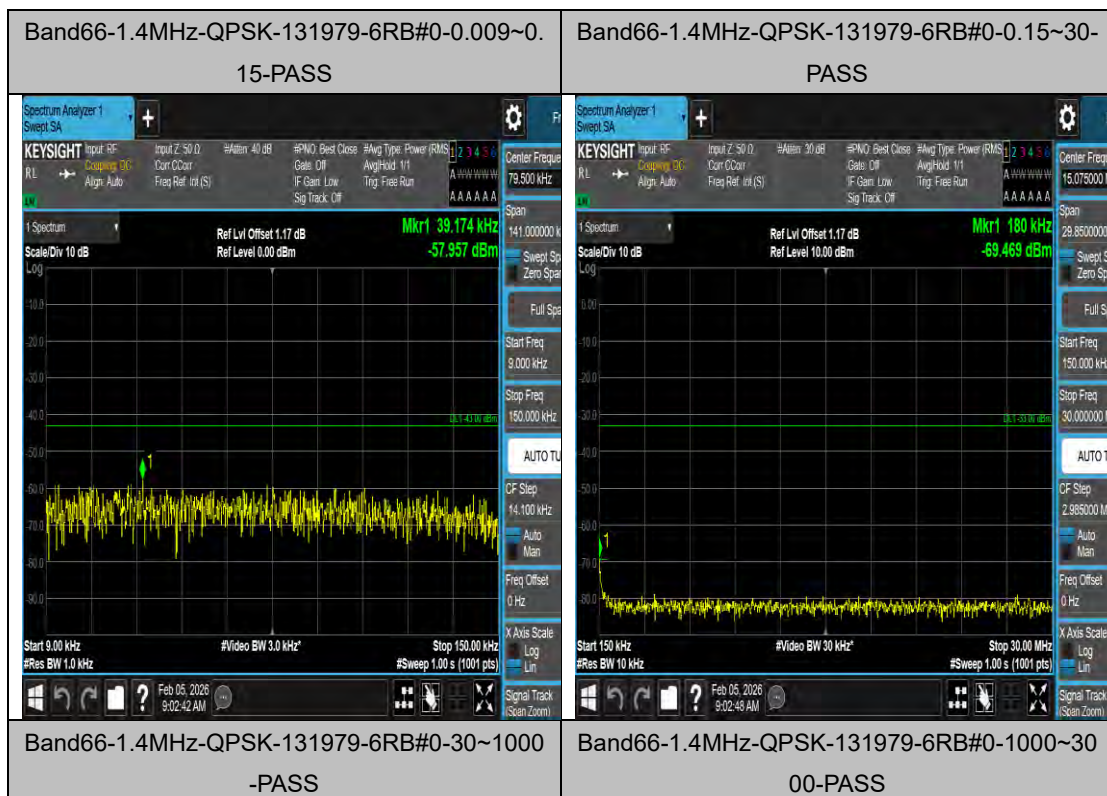
Band66	3MHz	QPSK	132322	15RB#0	1000~3000	-48.19	-13.0	PASS
Band66	3MHz	QPSK	132322	15RB#0	3000~20000	-28.83	-13.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	0.009~0.15	-58.31	-43.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	0.15~30	-71.18	-33.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	30~1000	-61.25	-23.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	1000~3000	-23.73	-13.0	PASS
Band66	3MHz	QPSK	132657	15RB#0	3000~20000	-28.72	-13.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	0.009~0.15	-57.51	-43.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	0.15~30	-67.22	-33.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	30~1000	-61.22	-23.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	1000~3000	-20.06	-13.0	PASS
Band66	5MHz	QPSK	131997	25RB#0	3000~20000	-28.35	-13.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	0.009~0.15	-58.35	-43.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	0.15~30	-67.63	-33.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	30~1000	-61.34	-23.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	1000~3000	-48.15	-13.0	PASS
Band66	5MHz	QPSK	132322	25RB#0	3000~20000	-28.56	-13.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	0.009~0.15	-57.61	-43.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	0.15~30	-68.89	-33.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	30~1000	-61.16	-23.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	1000~3000	-24.99	-13.0	PASS
Band66	5MHz	QPSK	132647	25RB#0	3000~20000	-28.81	-13.0	PASS
Band66	10MHz	QPSK	132022	50RB#0	0.009~0.15	-58.04	-43.0	PASS
Band66	10MHz	QPSK	132022	50RB#0	0.15~30	-67.80	-33.0	PASS
Band66	10MHz	QPSK	132022	50RB#0	30~1000	-60.07	-23.0	PASS
Band66	10MHz	QPSK	132022	50RB#0	1000~3000	-23.58	-13.0	PASS
Band66	10MHz	QPSK	132022	50RB#0	3000~20000	-28.82	-13.0	PASS

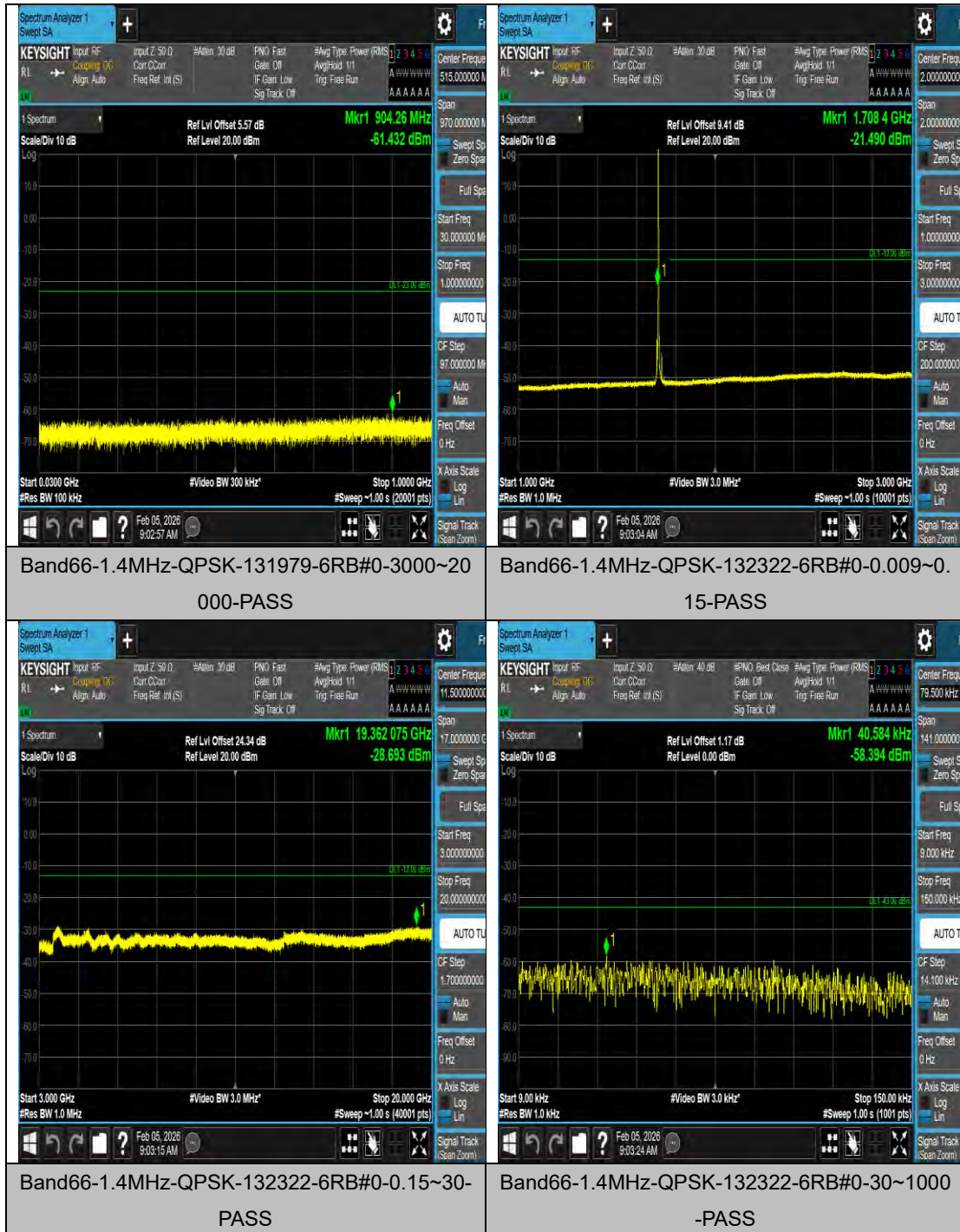
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Band66	10MHz	QPSK	132322	50RB#0	0.009~0.15	-56.80	-43.0	PASS
Band66	10MHz	QPSK	132322	50RB#0	0.15~30	-68.06	-33.0	PASS
Band66	10MHz	QPSK	132322	50RB#0	30~1000	-61.26	-23.0	PASS
Band66	10MHz	QPSK	132322	50RB#0	1000~3000	-48.00	-13.0	PASS
Band66	10MHz	QPSK	132322	50RB#0	3000~20000	-28.45	-13.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	0.009~0.15	-58.13	-43.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	0.15~30	-69.03	-33.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	30~1000	-60.98	-23.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	1000~3000	-26.99	-13.0	PASS
Band66	10MHz	QPSK	132622	50RB#0	3000~20000	-28.90	-13.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	0.009~0.15	-58.68	-43.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	0.15~30	-69.12	-33.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	30~1000	-61.26	-23.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	1000~3000	-19.73	-13.0	PASS
Band66	15MHz	QPSK	132047	75RB#0	3000~20000	-28.92	-13.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	0.009~0.15	-56.13	-43.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	0.15~30	-68.79	-33.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	30~1000	-61.25	-23.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	1000~3000	-36.76	-13.0	PASS
Band66	15MHz	QPSK	132322	75RB#0	3000~20000	-28.80	-13.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	0.009~0.15	-57.86	-43.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	0.15~30	-68.06	-33.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	30~1000	-61.46	-23.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	1000~3000	-26.96	-13.0	PASS
Band66	15MHz	QPSK	132597	75RB#0	3000~20000	-28.79	-13.0	PASS
Band66	20MHz	QPSK	132072	100RB#0	0.009~0.15	-56.17	-43.0	PASS

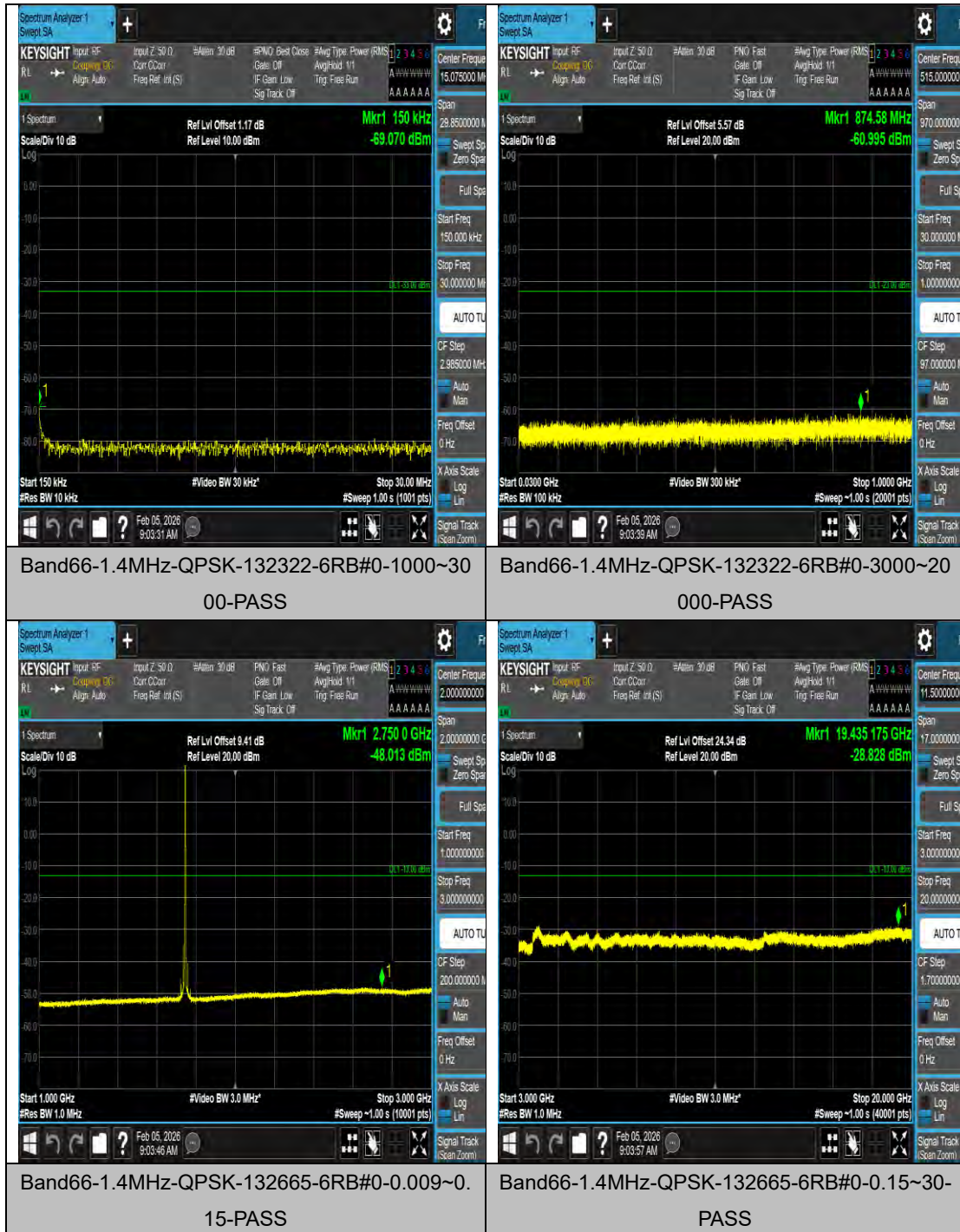


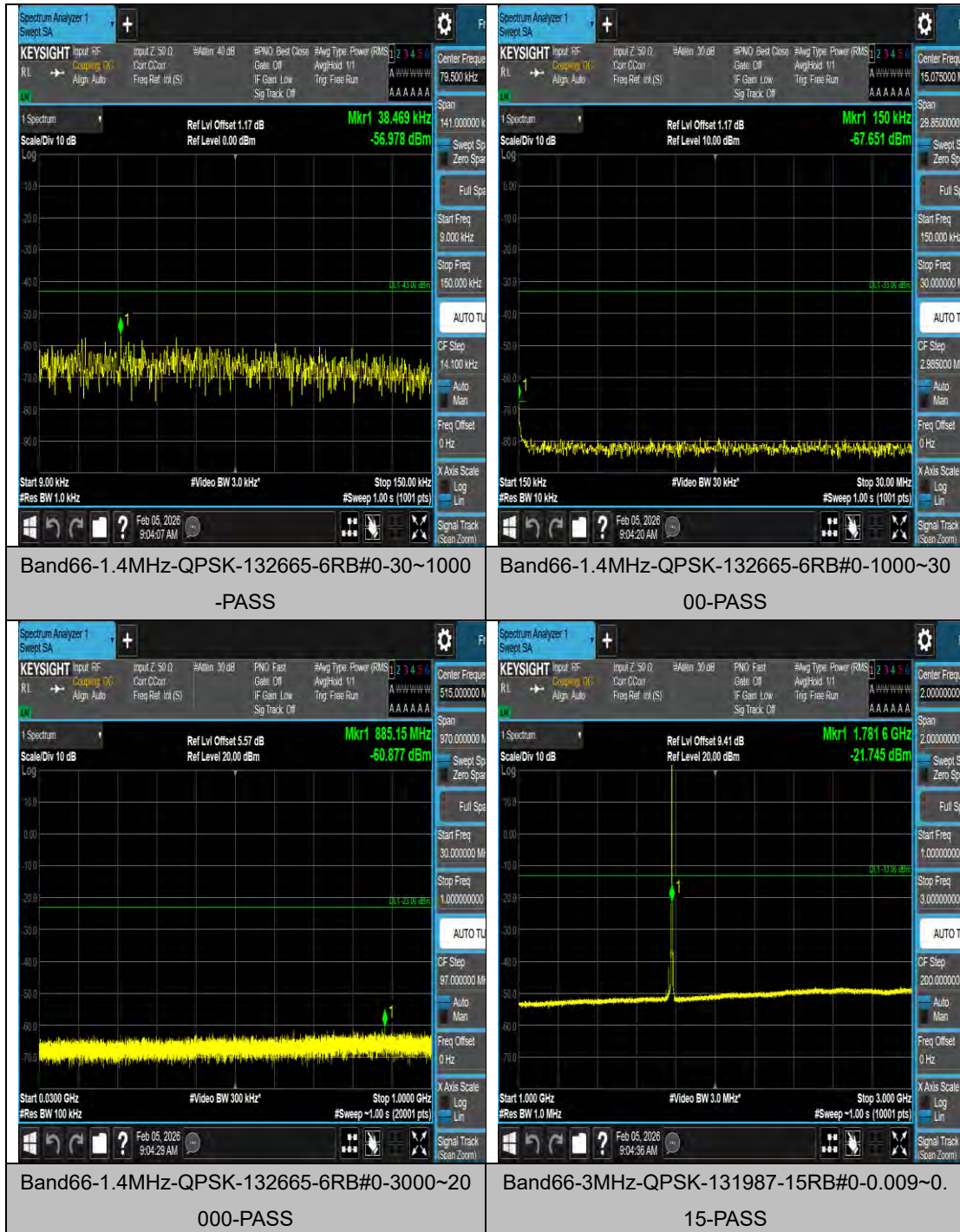
Band66	20MHz	QPSK	132072	100RB#0	0.15~30	-67.78	-33.0	PASS
Band66	20MHz	QPSK	132072	100RB#0	30~1000	-63.50	-23.0	PASS
Band66	20MHz	QPSK	132072	100RB#0	1000~3000	-13.05	-13.0	PASS
Band66	20MHz	QPSK	132072	100RB#0	3000~20000	-27.43	-13.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	0.009~0.15	-55.96	-43.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	0.15~30	-65.96	-33.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	30~1000	-63.54	-23.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	1000~3000	-32.09	-13.0	PASS
Band66	20MHz	QPSK	132322	100RB#0	3000~20000	-27.75	-13.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	0.009~0.15	-56.24	-43.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	0.15~30	-68.06	-33.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	30~1000	-63.58	-23.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	1000~3000	-20.51	-13.0	PASS
Band66	20MHz	QPSK	132572	100RB#0	3000~20000	-27.31	-13.0	PASS

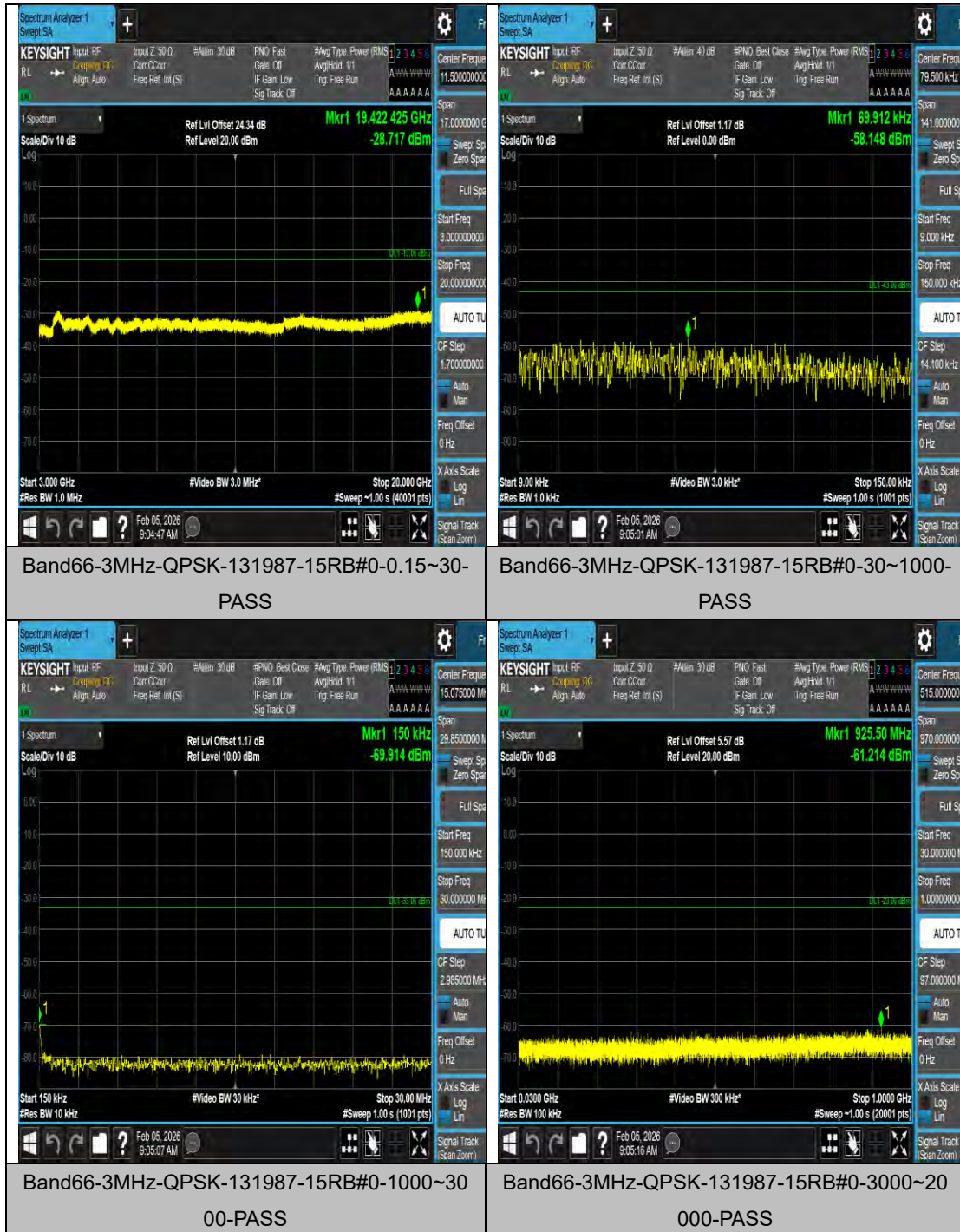
Test Graphs

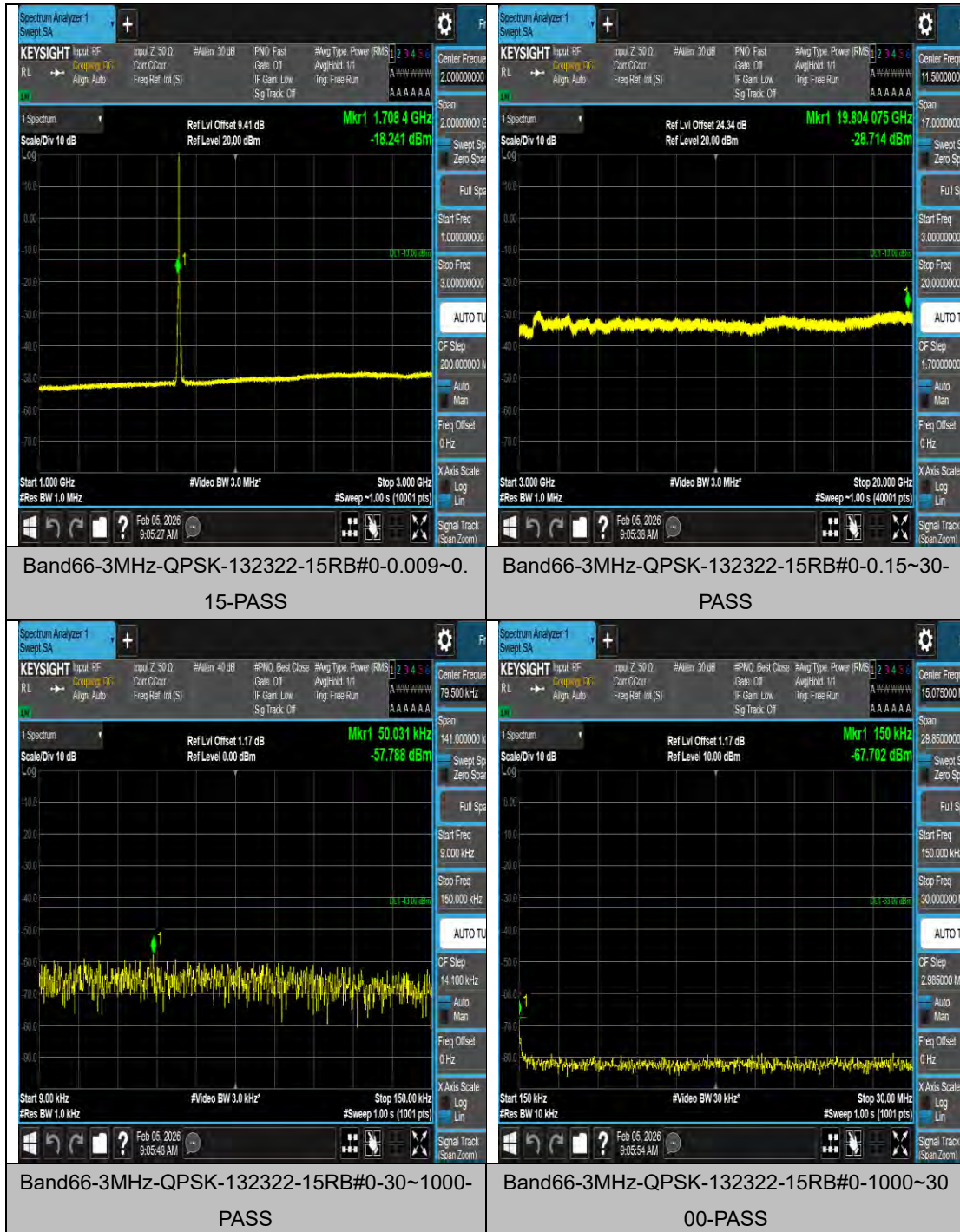


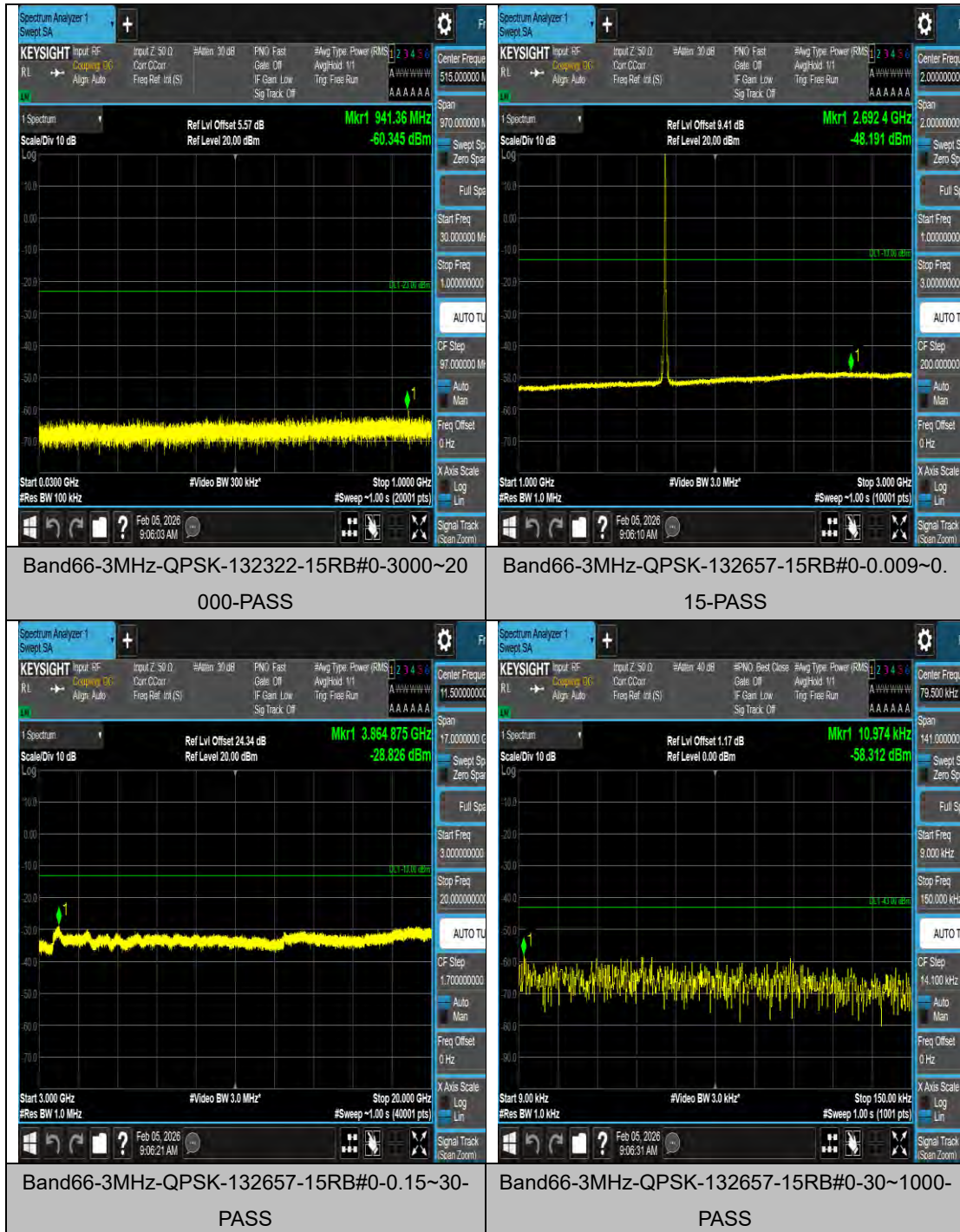


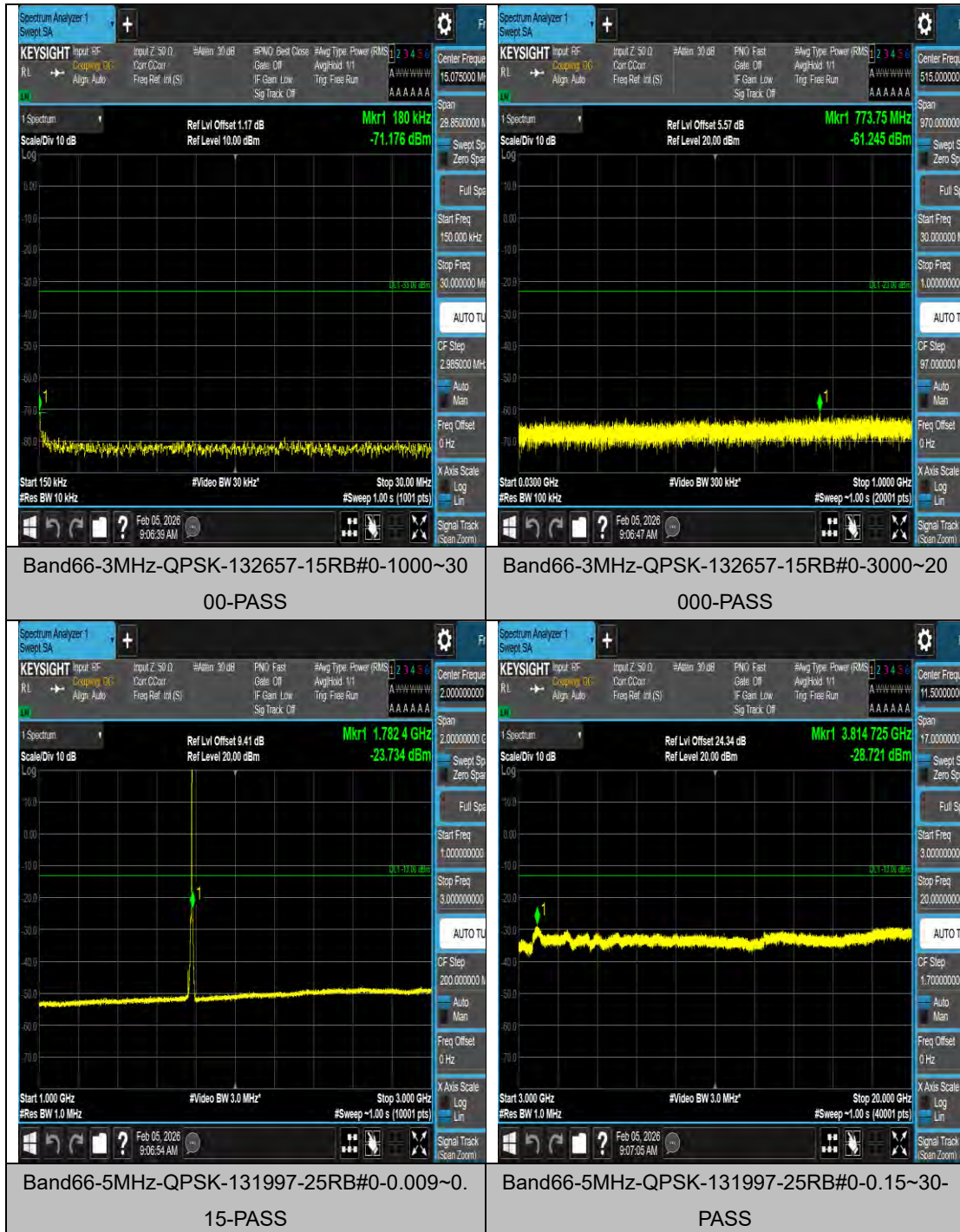


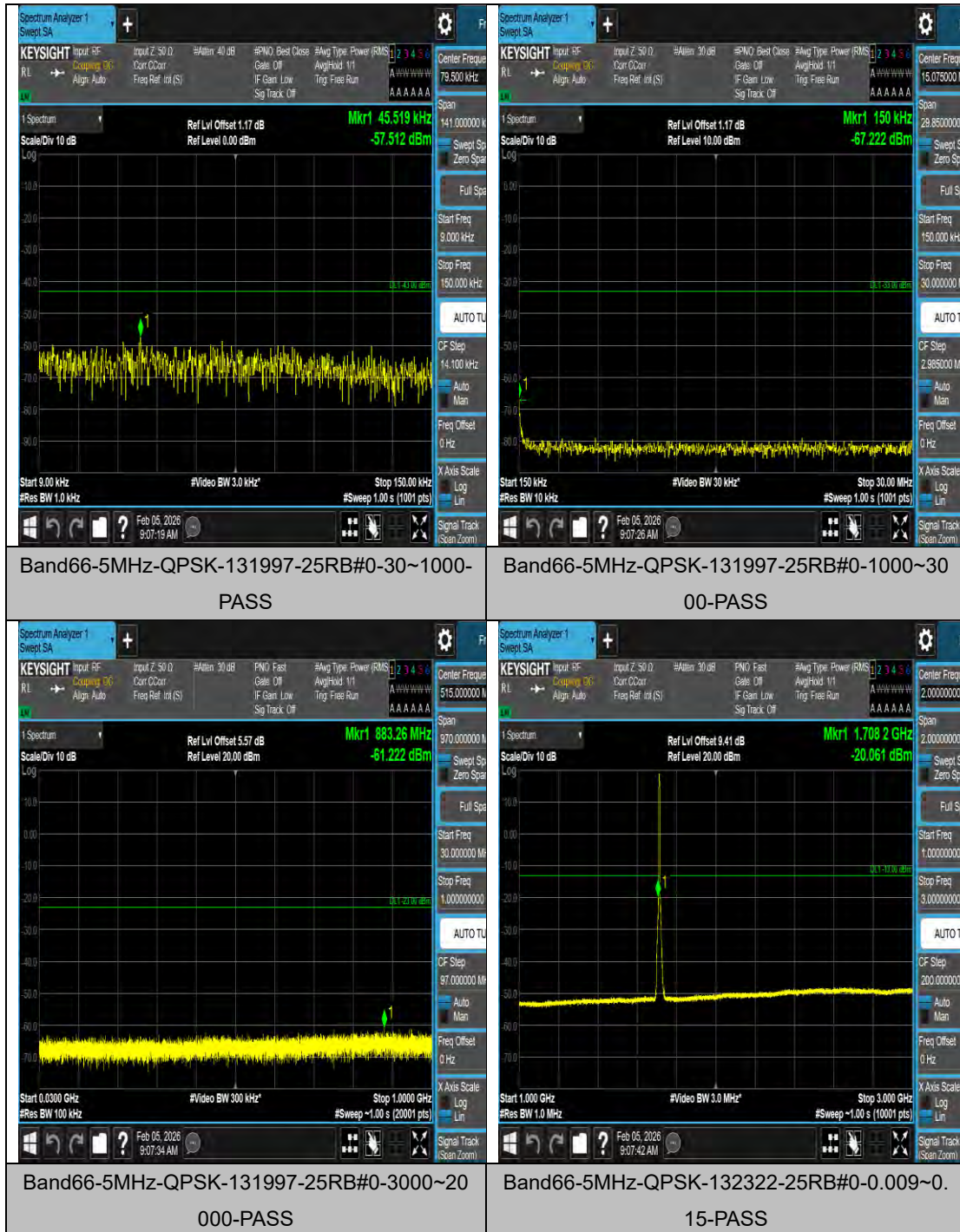


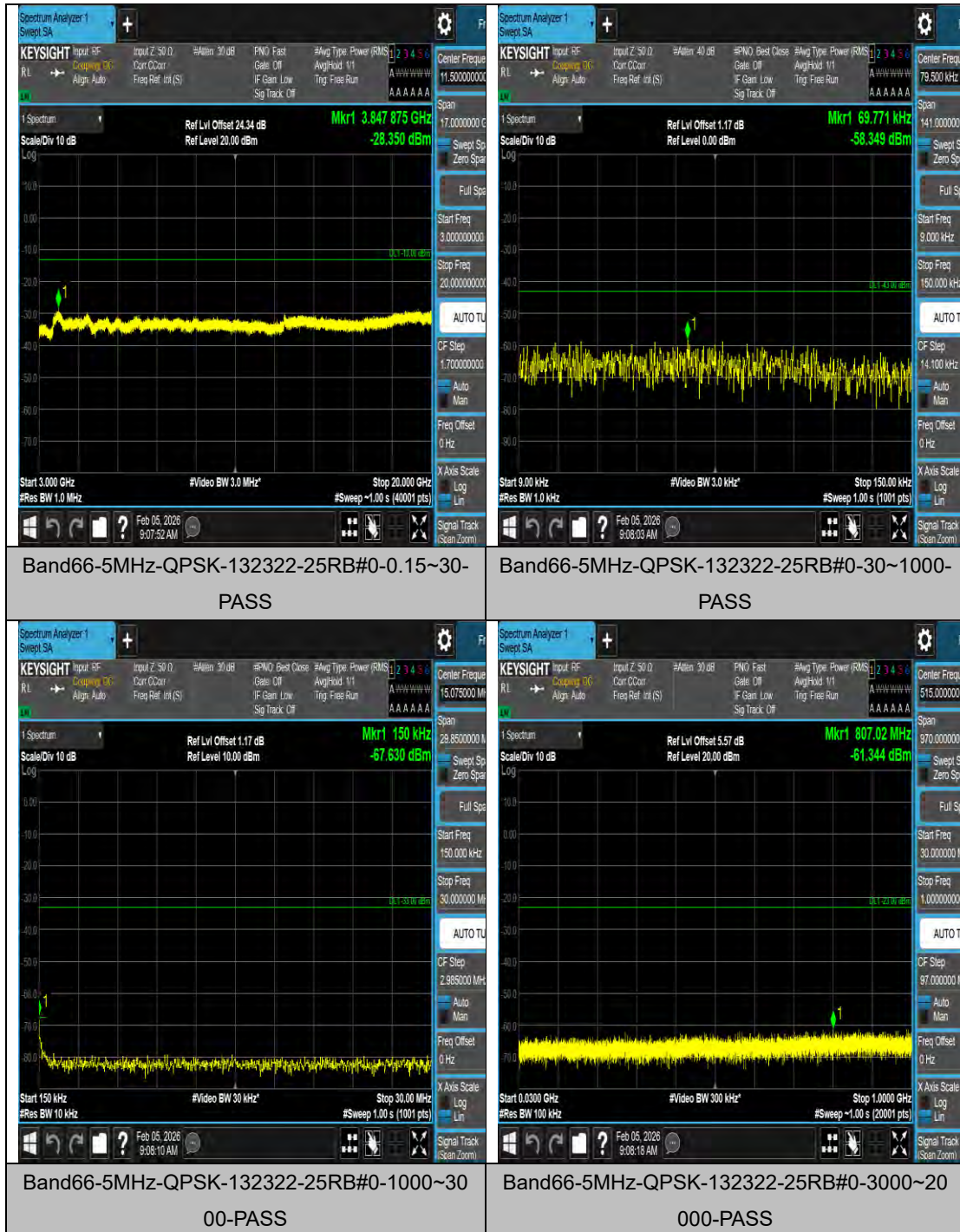


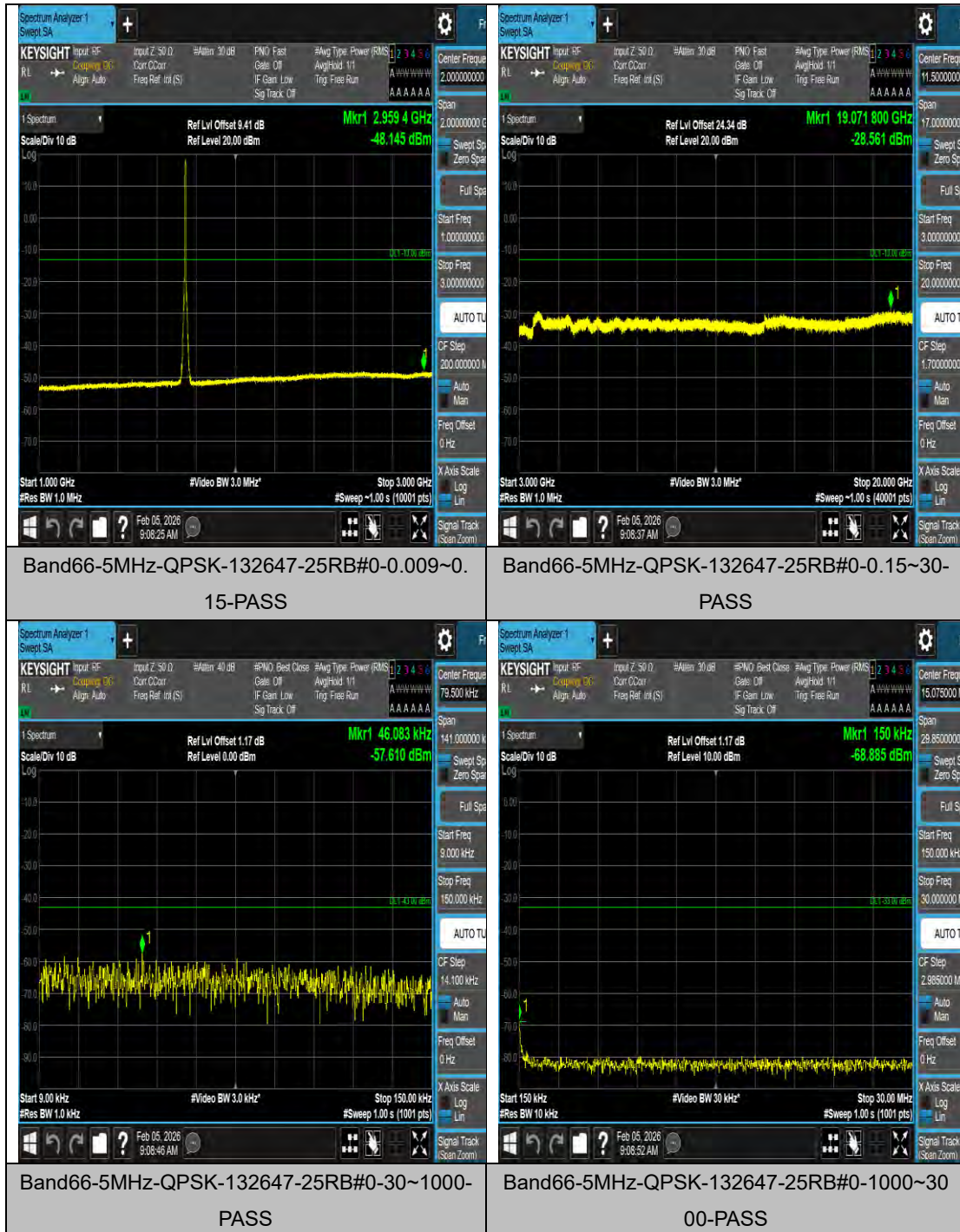


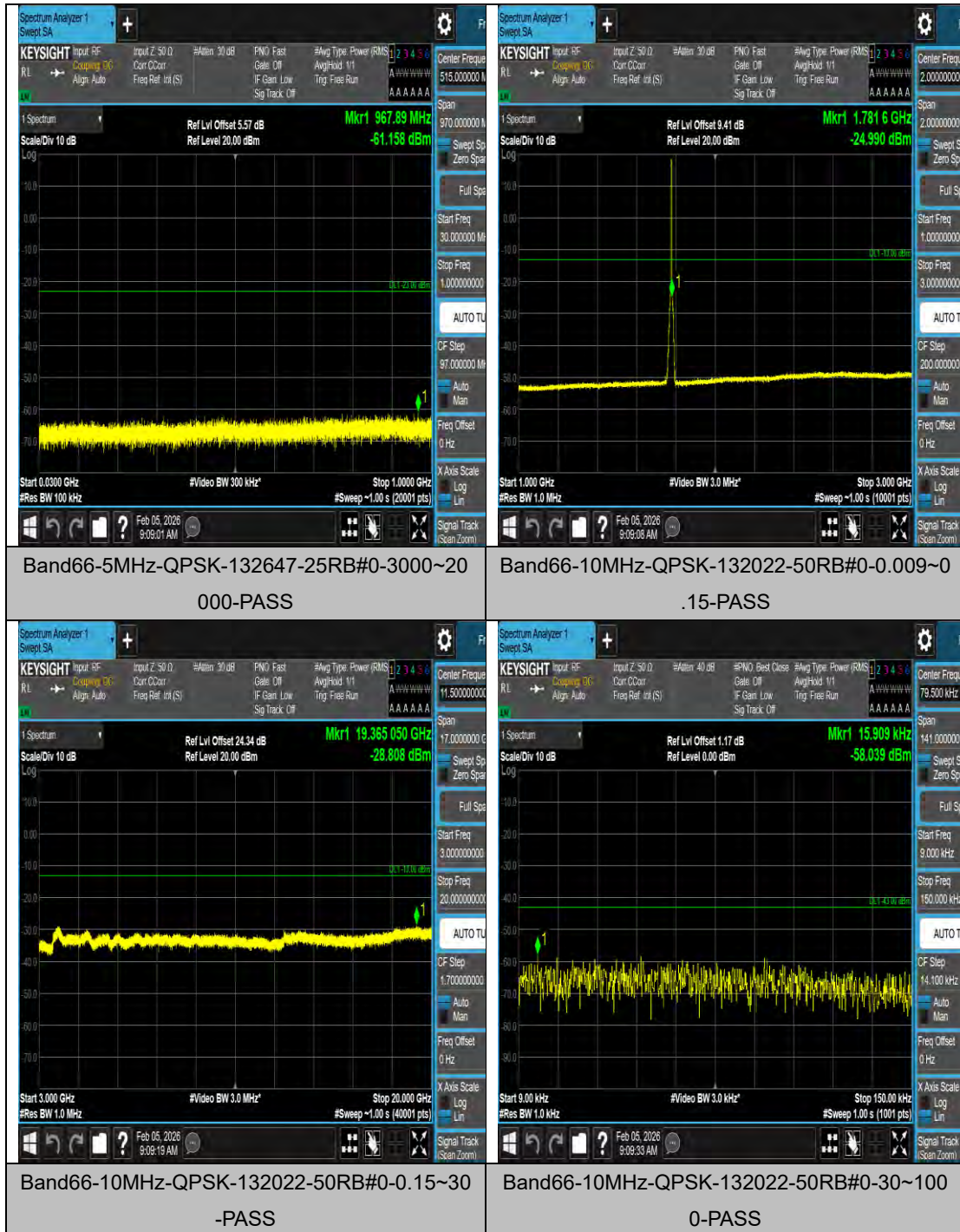


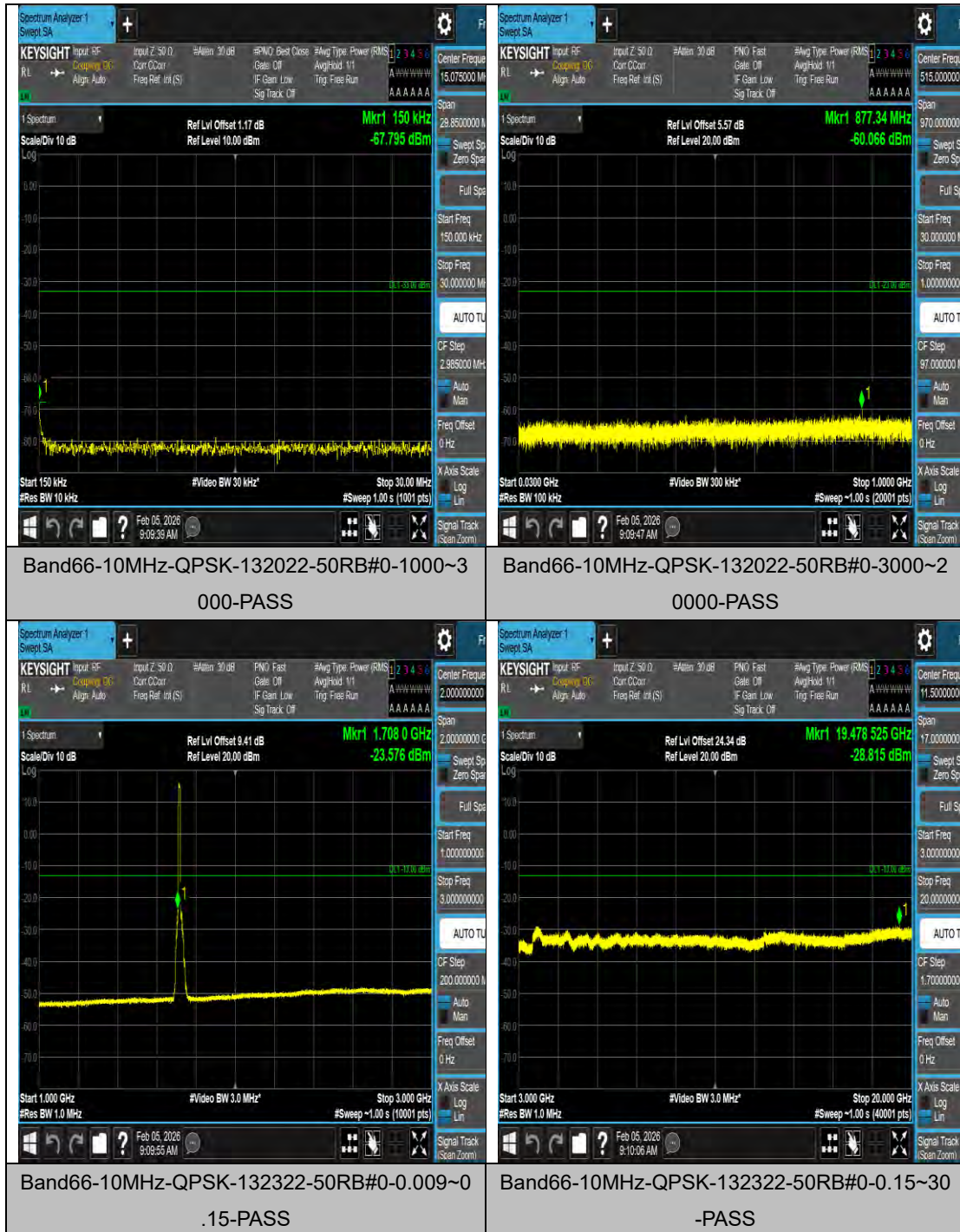


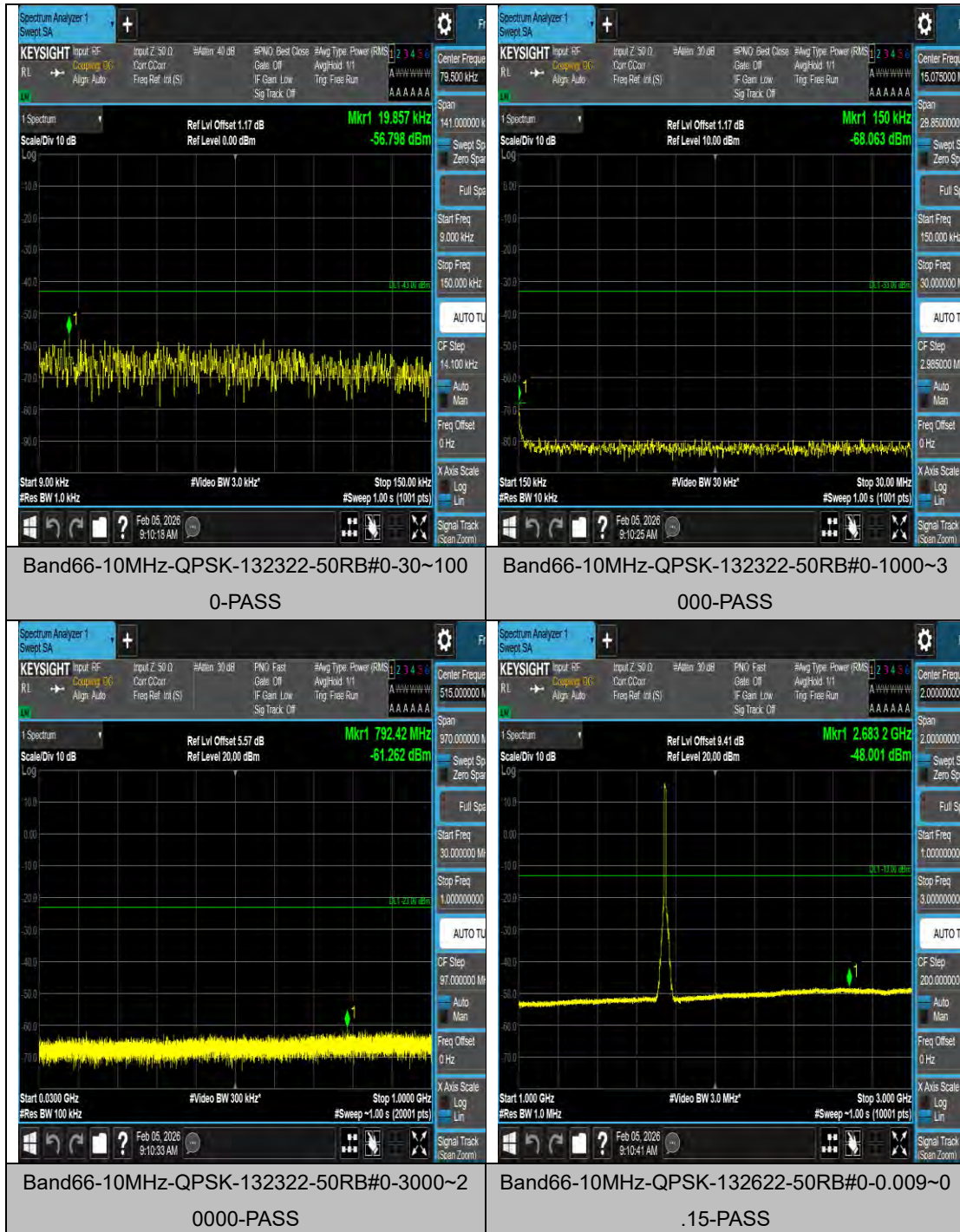


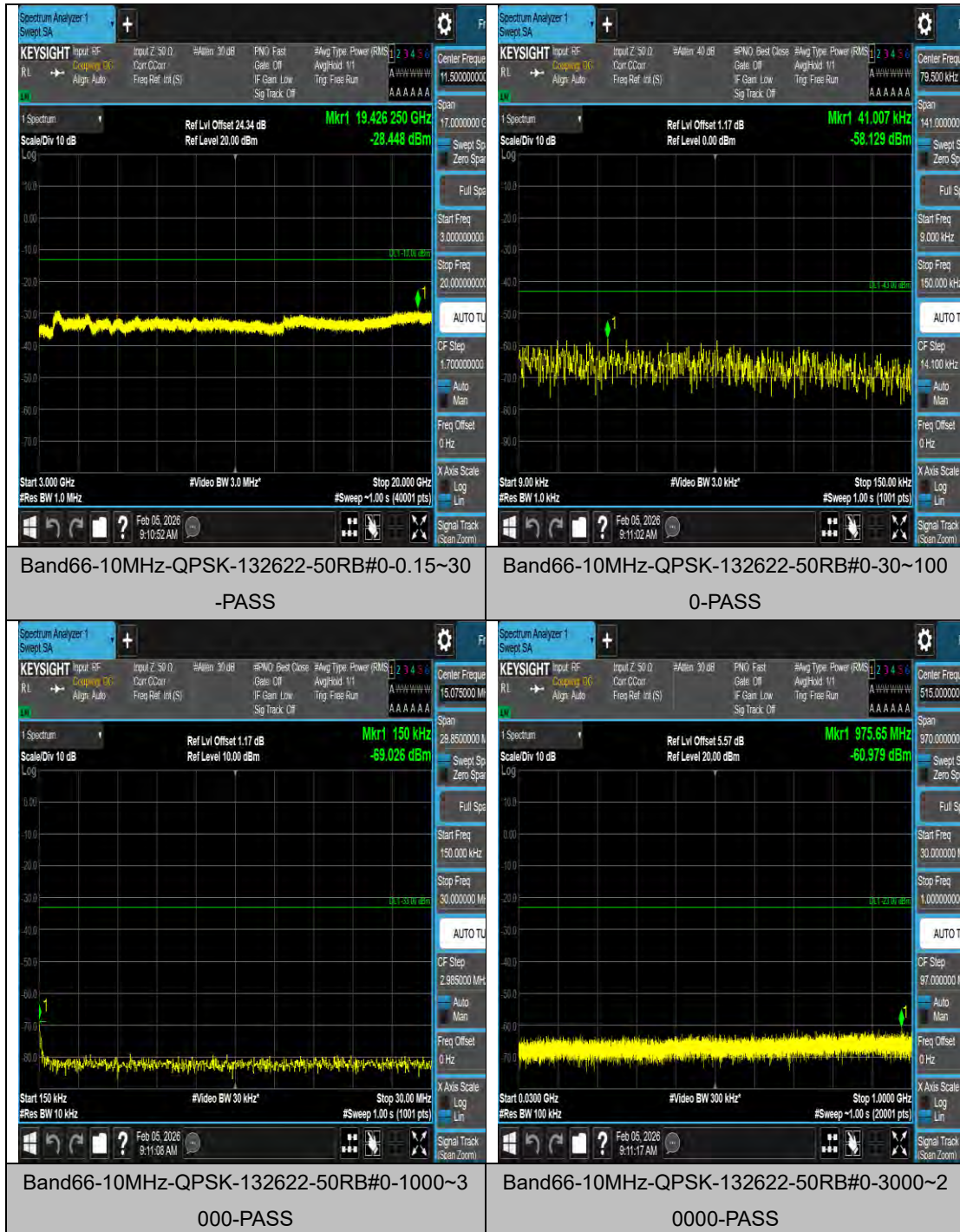


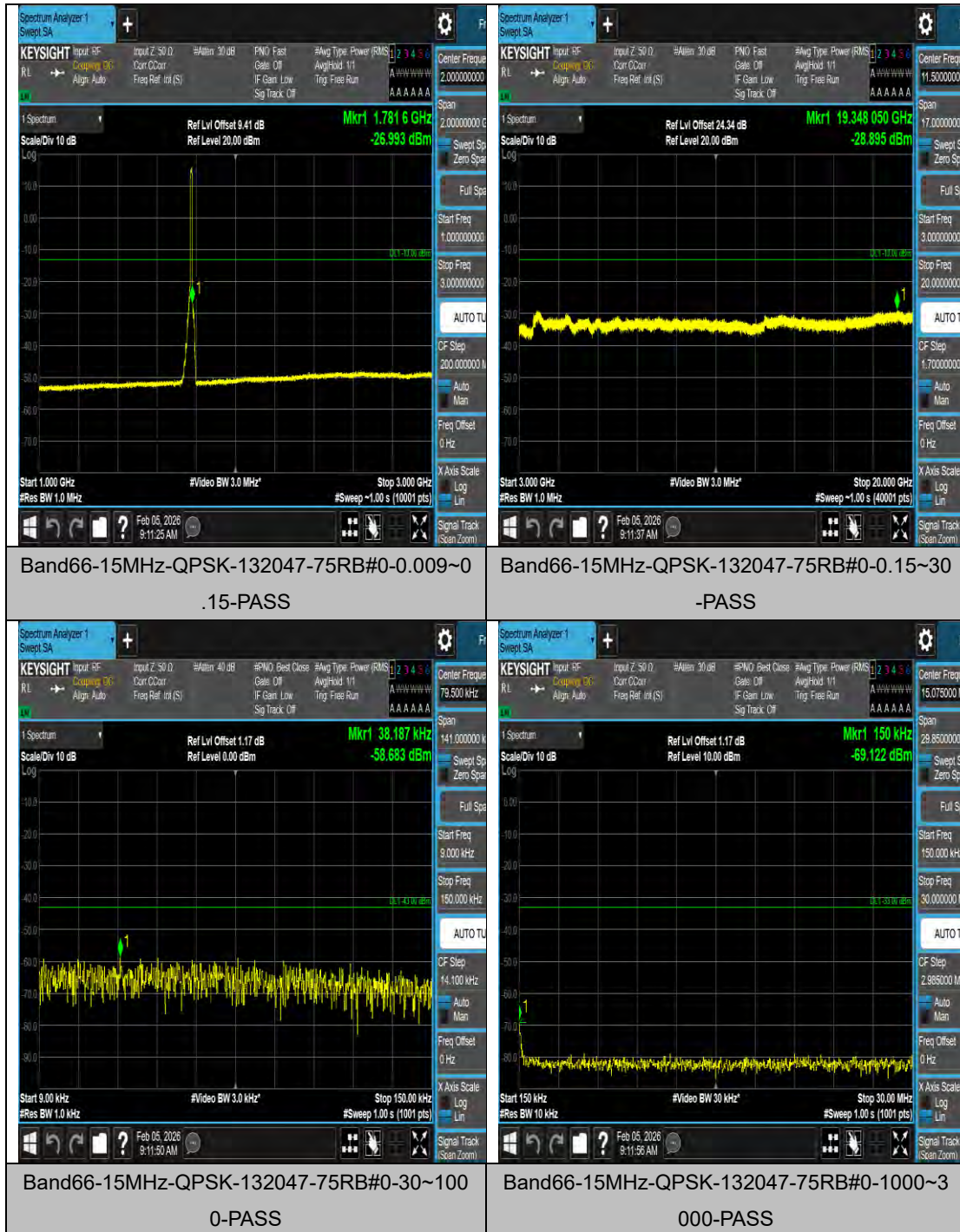


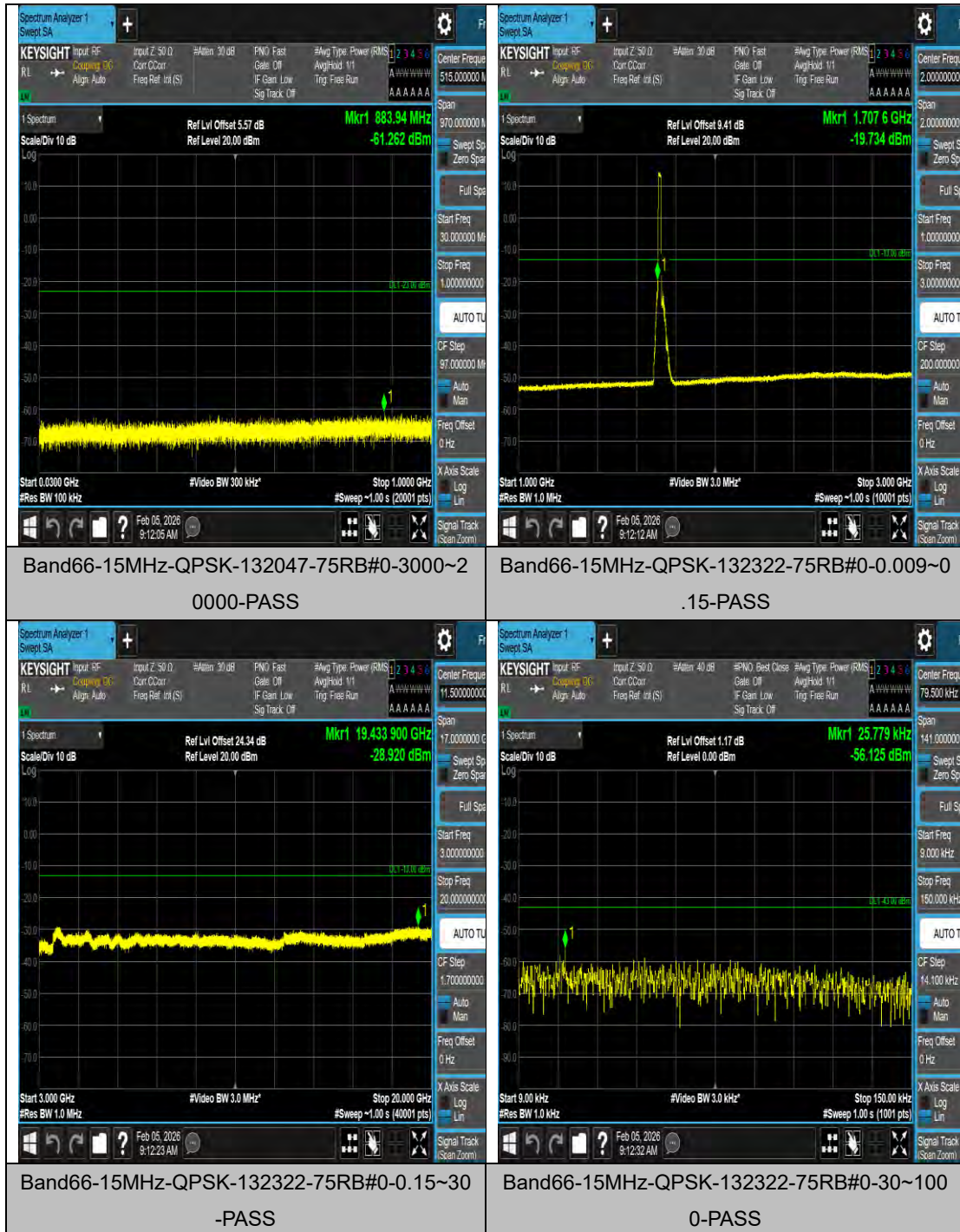


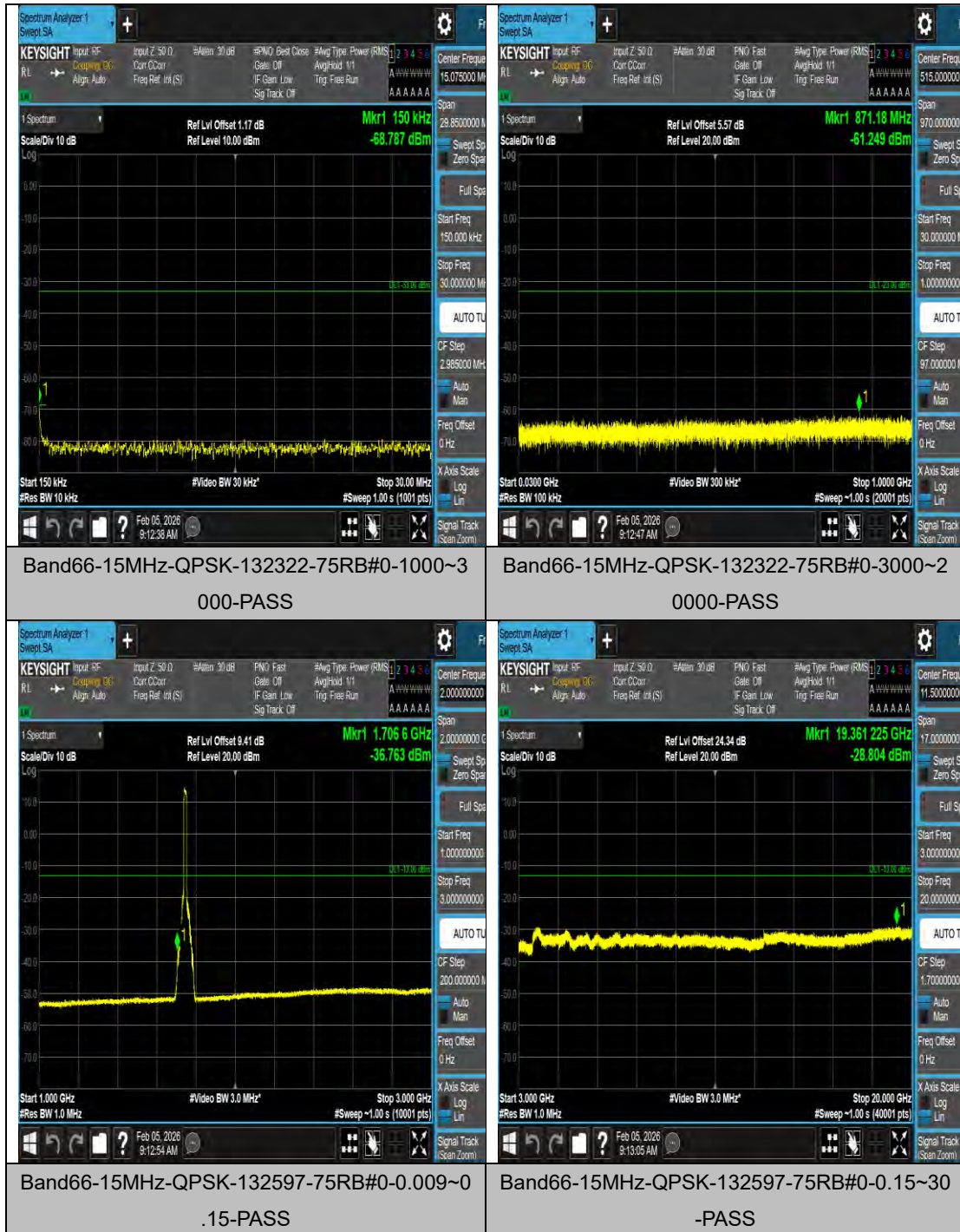


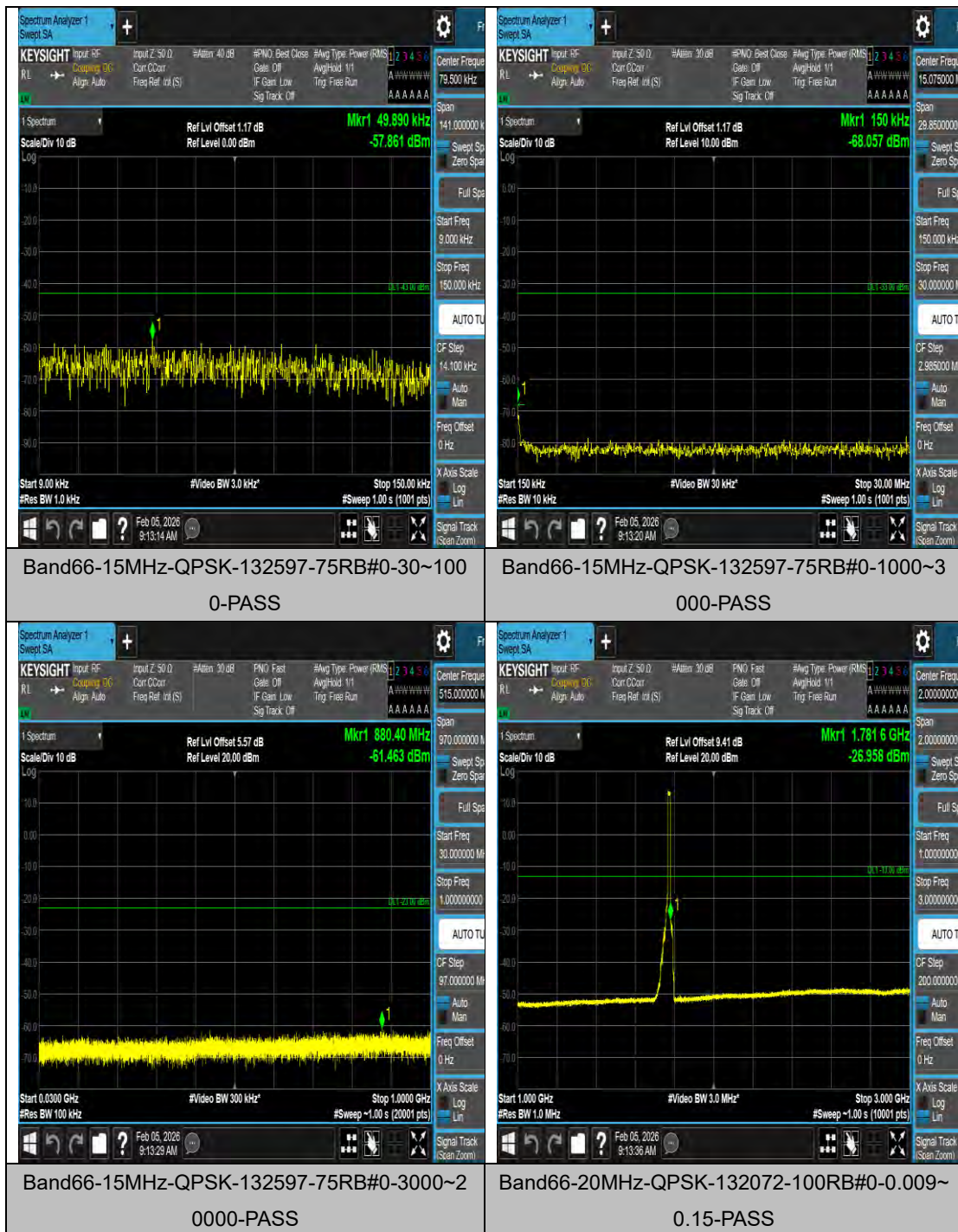


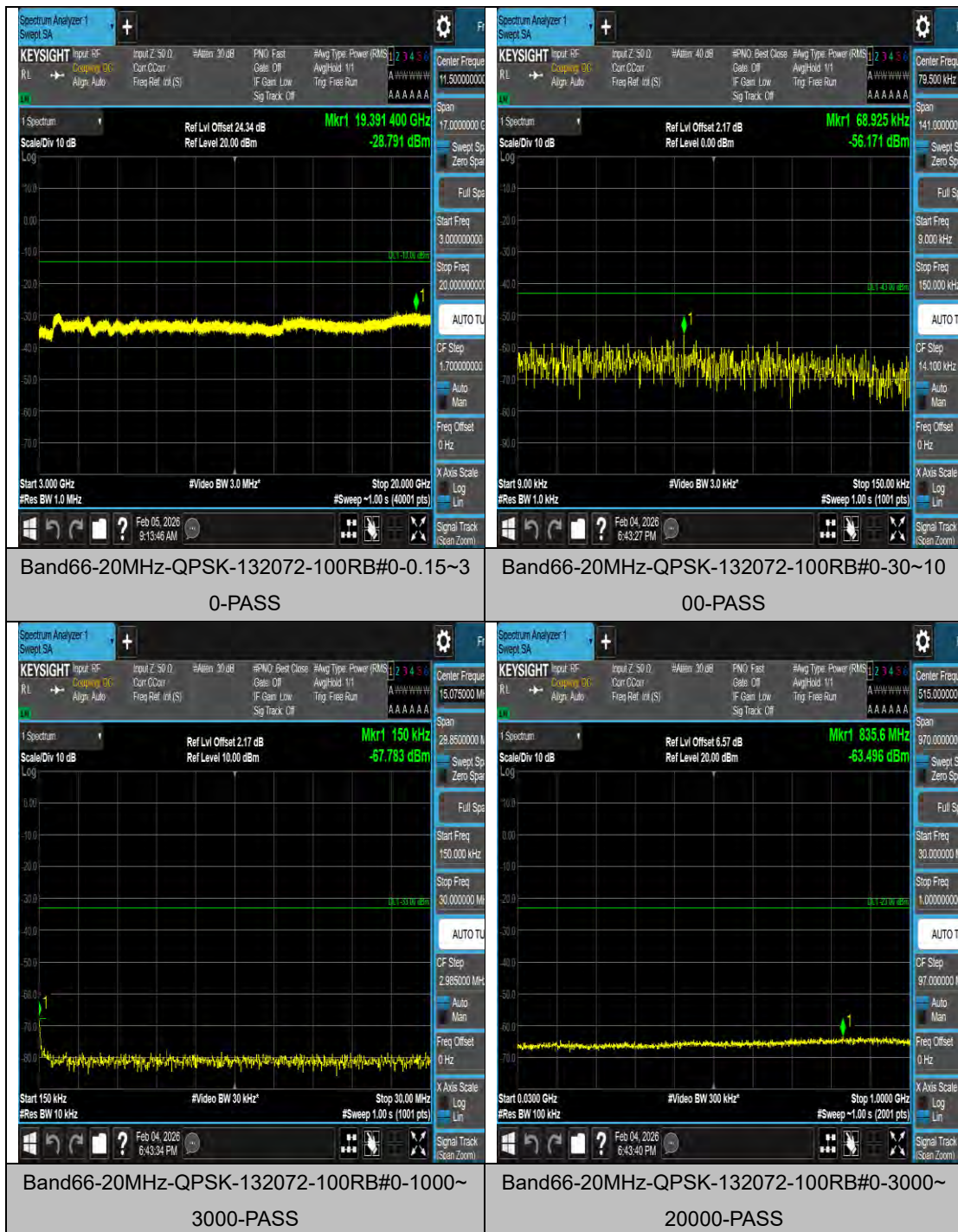


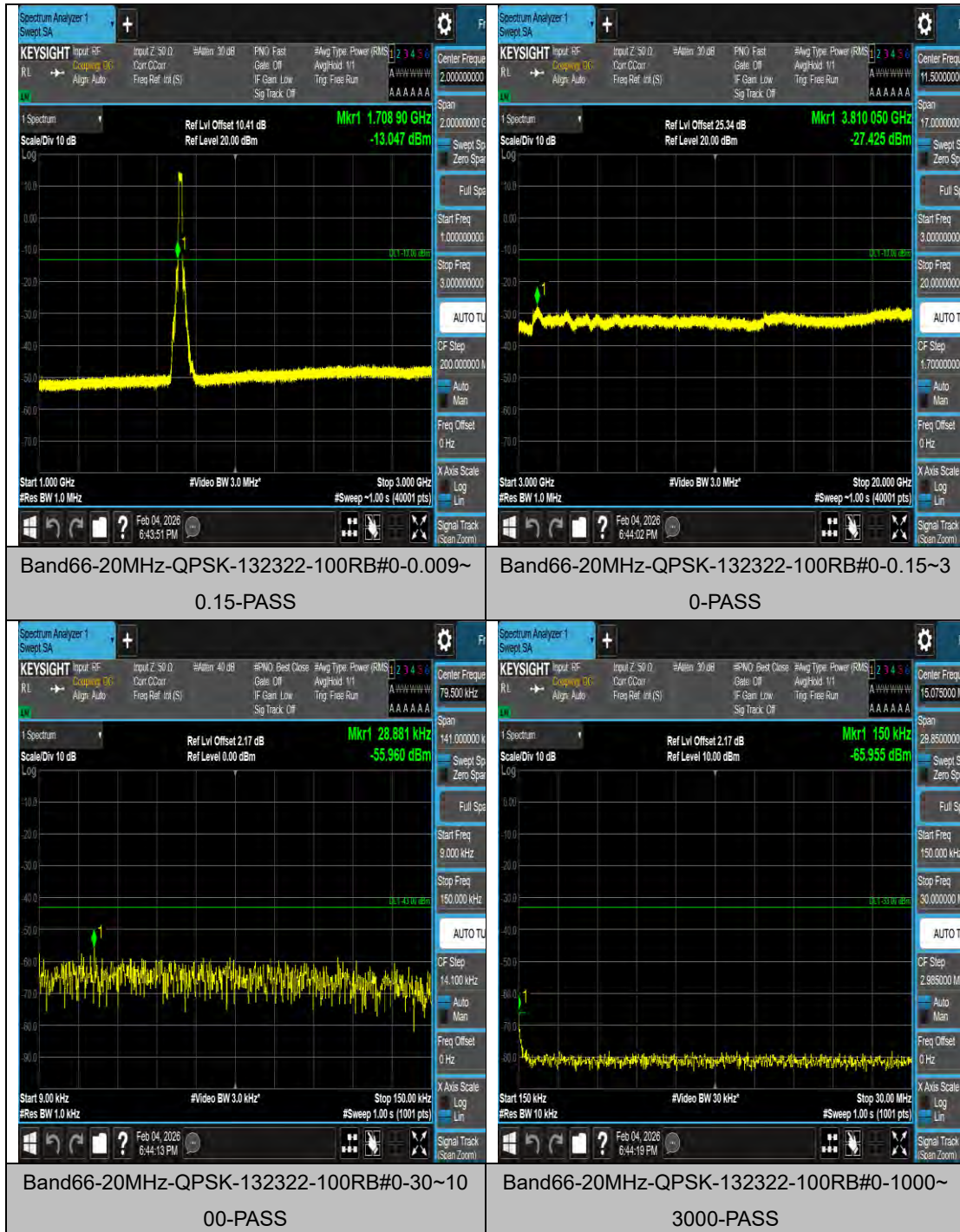


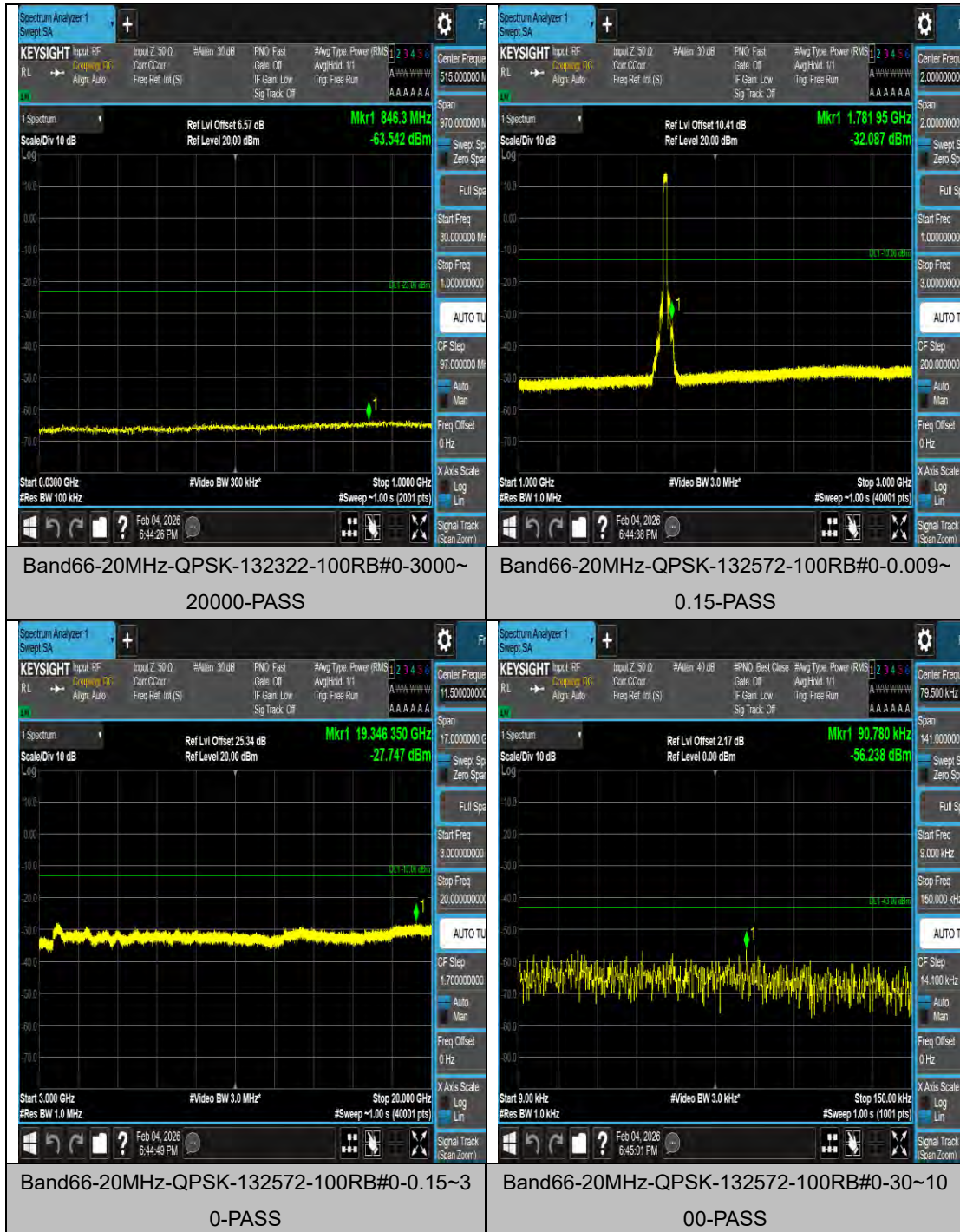


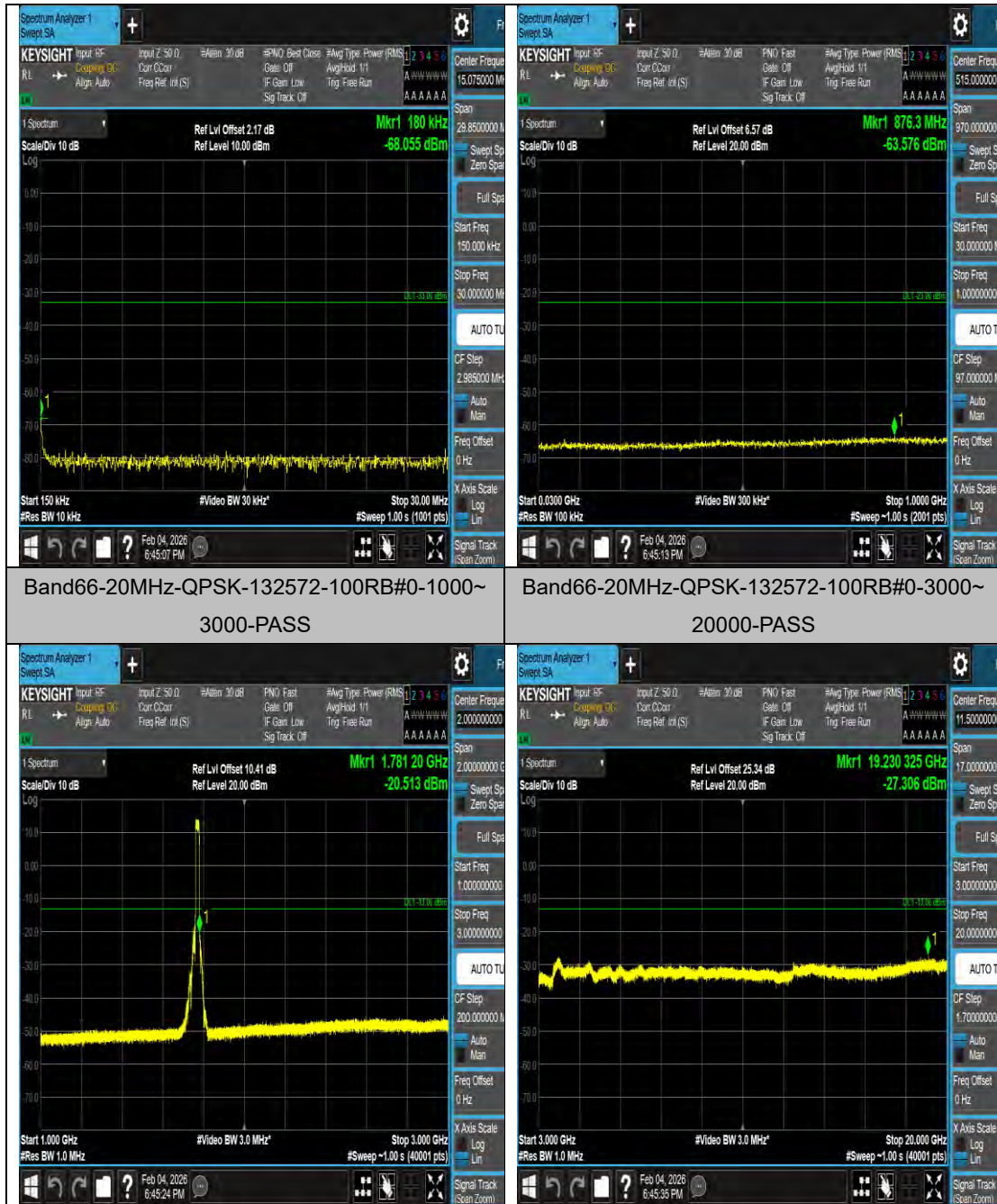












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	-30	-720.00	-0.420880	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	-20	-1200.00	-0.701467	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	-10	-940.00	-0.549483	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	0	-1130.00	-0.660548	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	10	-1180.00	-0.689776	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	20	-1330.00	-0.777460	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	30	-810.00	-0.473490	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	40	-1030.00	-0.602093	±NA	PASS
Band66	1.4MHz	QPSK	13197g	6RB#0	NV	50	-1130.00	-0.660548	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	-30	-1810.00	-1.037249	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	-20	-1660.00	-0.951289	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	-10	-1660.00	-0.951289	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	0	-1710.00	-0.979943	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	10	-1420.00	-0.813754	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	20	-1400.00	-0.802292	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	30	-1890.00	-1.083095	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	40	-1700.00	-0.974212	±NA	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	50	-1610.00	-0.922636	±NA	PASS

Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	-30	-1180.00	-0.663182	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	-20	-1070.00	-0.601360	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	-10	-860.00	-0.483336	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	0	-910.00	-0.511437	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	10	-1000.00	-0.562019	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	20	-660.00	-0.370932	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	30	-630.00	-0.354072	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	40	-1160.00	-0.651942	±NA	PASS
Band66	1.4MHz	QPSK	13266 5	6RB#0	NV	50	-1200.00	-0.674423	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	-30	2140.00	1.250365	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	-20	3630.00	2.120947	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	-10	3010.00	1.758691	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	0	2550.00	1.489921	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	10	3210.00	1.875548	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	20	2450.00	1.431493	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	30	3070.00	1.793748	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	40	2300.00	1.343850	±NA	PASS
Band66	3MHz	QPSK	13198 7	15RB#0	NV	50	3640.00	2.126789	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	-30	1330.00	0.762178	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	-20	1150.00	0.659026	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	-10	350.00	0.200573	±NA	PASS
Band66	3MHz	QPSK	13232	15RB#0	NV	0	160.00	0.091691	±NA	PASS



			2							
Band66	3MHz	QPSK	13232 2	15RB#0	NV	10	1690.00	0.968481	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	20	200.00	0.114613	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	30	-240.00	-0.137536	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	40	120.00	0.068768	±NA	PASS
Band66	3MHz	QPSK	13232 2	15RB#0	NV	50	470.00	0.269341	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	-30	800.00	0.449817	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	-20	1190.00	0.669103	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	-10	-730.00	-0.410458	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	0	360.00	0.202418	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	10	1430.00	0.804048	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	20	940.00	0.528535	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	30	460.00	0.258645	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	40	400.00	0.224909	±NA	PASS
Band66	3MHz	QPSK	13265 7	15RB#0	NV	50	2300.00	1.293225	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	-30	-6350.00	-3.708029	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	-20	-4720.00	-2.756204	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	-10	-5280.00	-3.083212	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	0	-4190.00	-2.446715	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	10	-5230.00	-3.054015	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	20	-4560.00	-2.662774	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	30	-2520.00	-1.471533	±NA	PASS



Band66	5MHz	QPSK	13199 7	25RB#0	NV	40	-5810.00	-3.392701	±NA	PASS
Band66	5MHz	QPSK	13199 7	25RB#0	NV	50	-5630.00	-3.287591	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	-30	1010.00	0.578797	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	-20	-250.00	-0.143266	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	-10	840.00	0.481375	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	0	1950.00	1.117479	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	10	-990.00	-0.567335	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	20	620.00	0.355301	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	30	1040.00	0.595989	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	40	930.00	0.532951	±NA	PASS
Band66	5MHz	QPSK	13232 2	25RB#0	NV	50	870.00	0.498567	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	-30	-6850.00	-3.853727	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	-20	-4790.00	-2.694796	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	-10	-6510.00	-3.662447	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	0	-4300.00	-2.419128	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	10	-4380.00	-2.464135	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	20	-7500.00	-4.219409	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	30	-6230.00	-3.504923	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	40	-5050.00	-2.841069	±NA	PASS
Band66	5MHz	QPSK	13264 7	25RB#0	NV	50	-3200.00	-1.800281	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	-30	-3960.00	-2.309038	±NA	PASS
Band66	10MHz	QPSK	13202	50RB#0	NV	-20	-4630.00	-2.699708	±NA	PASS



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Band66	10MHz	QPSK	13202 2	50RB#0	NV	-10	-1990.00	-1.160350	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	0	-1540.00	-0.897959	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	10	-3010.00	-1.755102	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	20	-3270.00	-1.906706	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	30	-5390.00	-3.142857	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	40	-2090.00	-1.218659	±NA	PASS
Band66	10MHz	QPSK	13202 2	50RB#0	NV	50	-3420.00	-1.994169	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	-30	-5500.00	-3.151862	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	-20	-4720.00	-2.704871	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	-10	-8250.00	-4.727794	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	0	-4010.00	-2.297994	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	10	-6430.00	-3.684814	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	20	-7070.00	-4.051576	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	30	-6130.00	-3.512894	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	40	-6860.00	-3.931232	±NA	PASS
Band66	10MHz	QPSK	13232 2	50RB#0	NV	50	-8240.00	-4.722063	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-30	2230.00	1.256338	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-20	740.00	0.416901	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	-10	-260.00	-0.146479	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	0	3790.00	2.135211	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	10	-3130.00	-1.763380	±NA	PASS



Band66	10MHz	QPSK	13262 2	50RB#0	NV	20	620.00	0.349296	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	30	-550.00	-0.309859	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	40	870.00	0.490141	±NA	PASS
Band66	10MHz	QPSK	13262 2	50RB#0	NV	50	2140.00	1.205634	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	-30	-14290.00	-8.320233	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	-20	-8110.00	-4.721980	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	-10	-14700.00	-8.558952	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	0	-12400.00	-7.219796	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	10	-11690.00	-6.806405	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	20	-14860.00	-8.652111	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	30	-12140.00	-7.068413	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	40	-11220.00	-6.532751	±NA	PASS
Band66	15MHz	QPSK	13204 7	75RB#0	NV	50	-15010.00	-8.739447	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	-30	5280.00	3.025788	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	-20	6120.00	3.507163	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	-10	6240.00	3.575931	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	0	8040.00	4.607450	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	10	3550.00	2.034384	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	20	3510.00	2.011461	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	30	4740.00	2.716332	±NA	PASS
Band66	15MHz	QPSK	13232 2	75RB#0	NV	40	9810.00	5.621777	±NA	PASS
Band66	15MHz	QPSK	13232	75RB#0	NV	50	2230.00	1.277937	±NA	PASS



			2							
Band66	15MHz	QPSK	13259 7	75RB#0	NV	-30	-9030.00	-5.094499	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	-20	-4590.00	-2.589563	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	-10	-6540.00	-3.689704	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	0	-7060.00	-3.983075	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	10	-8290.00	-4.677010	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	20	-7740.00	-4.366714	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	30	-9050.00	-5.105783	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	40	-7170.00	-4.045134	±NA	PASS
Band66	15MHz	QPSK	13259 7	75RB#0	NV	50	-4960.00	-2.798307	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	-30	-3650.00	-2.122093	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	-20	-3430.00	-1.994186	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	-10	-2450.00	-1.424419	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	0	-4920.00	-2.860465	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	10	380.00	0.220930	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	20	-3810.00	-2.215116	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	30	3250.00	1.889535	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	40	-8190.00	-4.761628	±NA	PASS
Band66	20MHz	QPSK	13207 2	100RB#0	NV	50	-1220.00	-0.709302	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	-30	2700.00	1.547278	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	-20	12720.00	7.289398	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	-10	-1030.00	-0.590258	±NA	PASS

Band66	20MHz	QPSK	13232 2	100RB#0	NV	0	1850.00	1.060172	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	10	-4860.00	-2.785100	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	20	-790.00	-0.452722	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	30	7800.00	4.469914	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	40	7570.00	4.338109	±NA	PASS
Band66	20MHz	QPSK	13232 2	100RB#0	NV	50	-1360.00	-0.779370	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	-30	-13910.00	-7.858757	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	-20	-1500.00	-0.847458	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	-10	-4730.00	-2.672316	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	0	-10790.00	-6.096045	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	10	-11330.00	-6.401130	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	20	-7630.00	-4.310734	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	30	-8160.00	-4.610169	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	40	-5320.00	-3.005650	±NA	PASS
Band66	20MHz	QPSK	13257 2	100RB#0	NV	50	-15110.00	-8.536723	±NA	PASS

