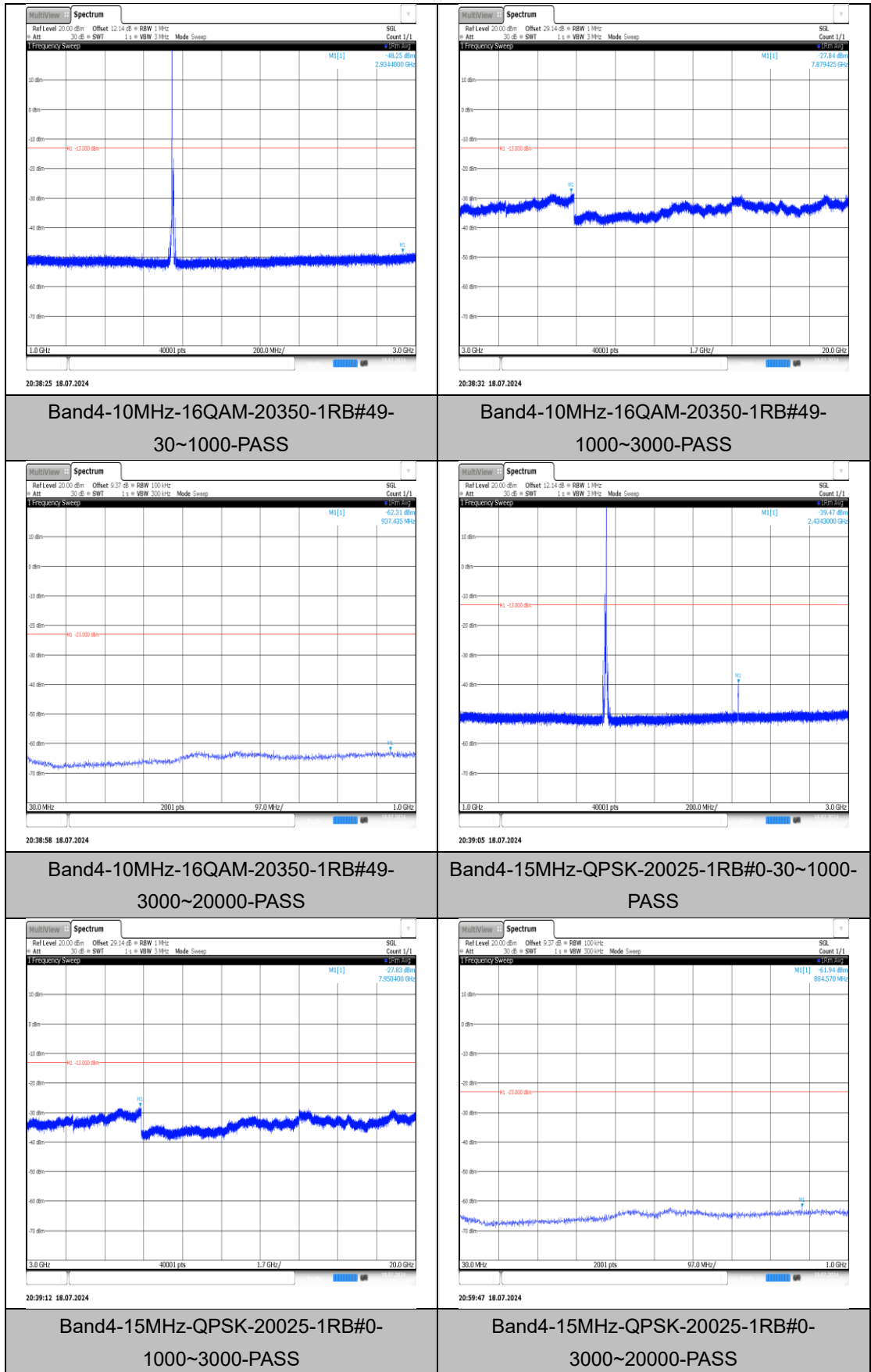
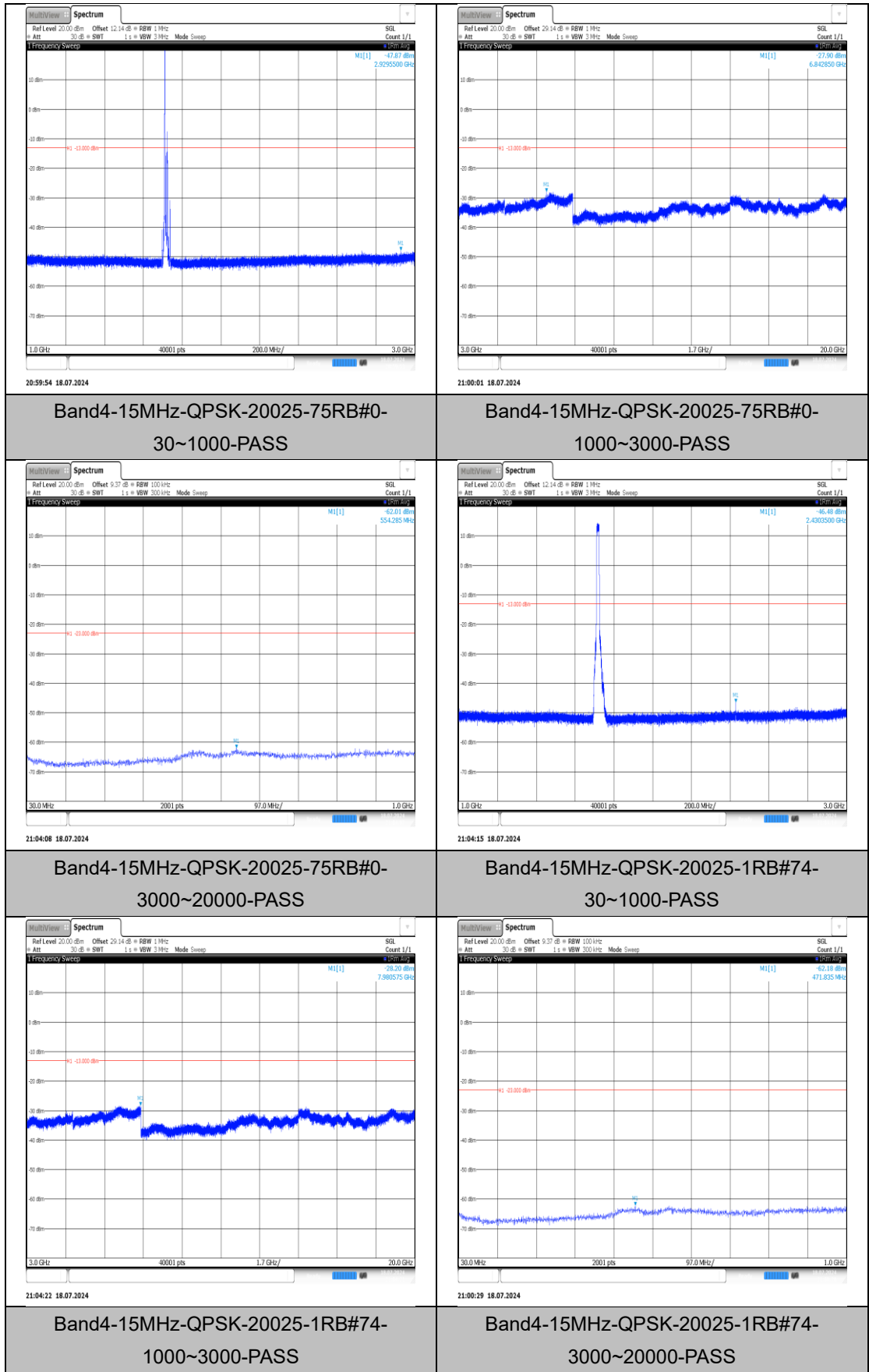
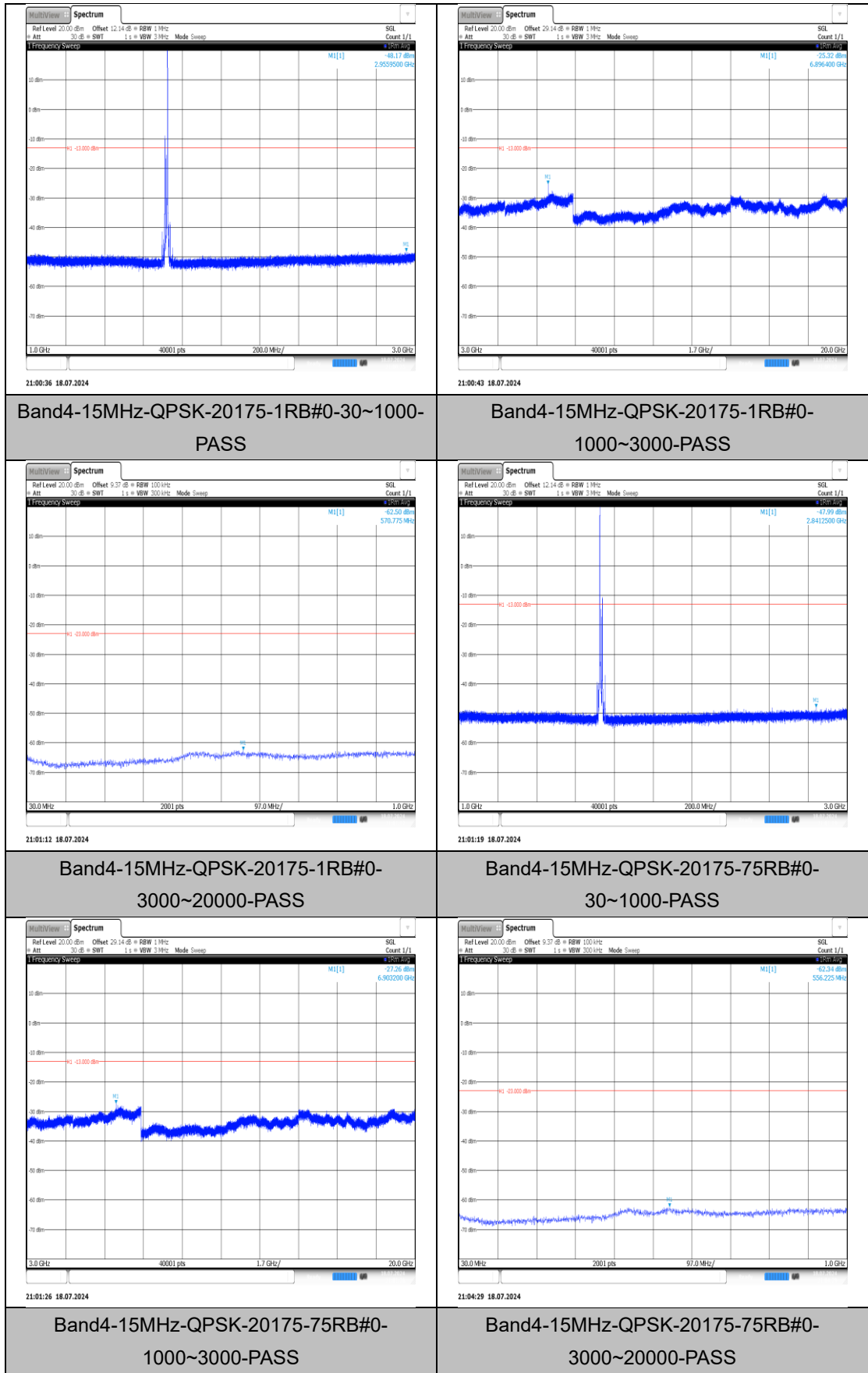
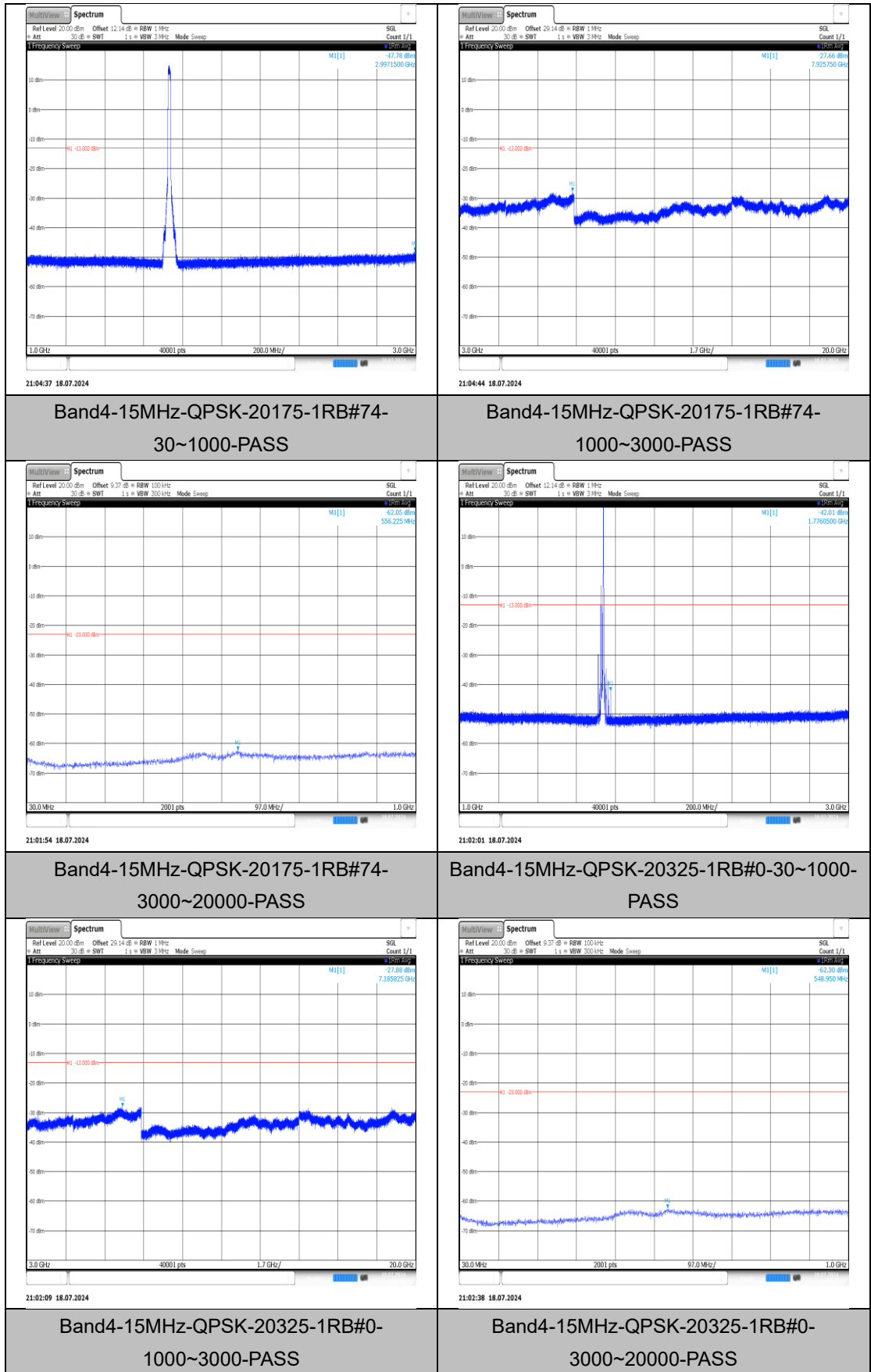
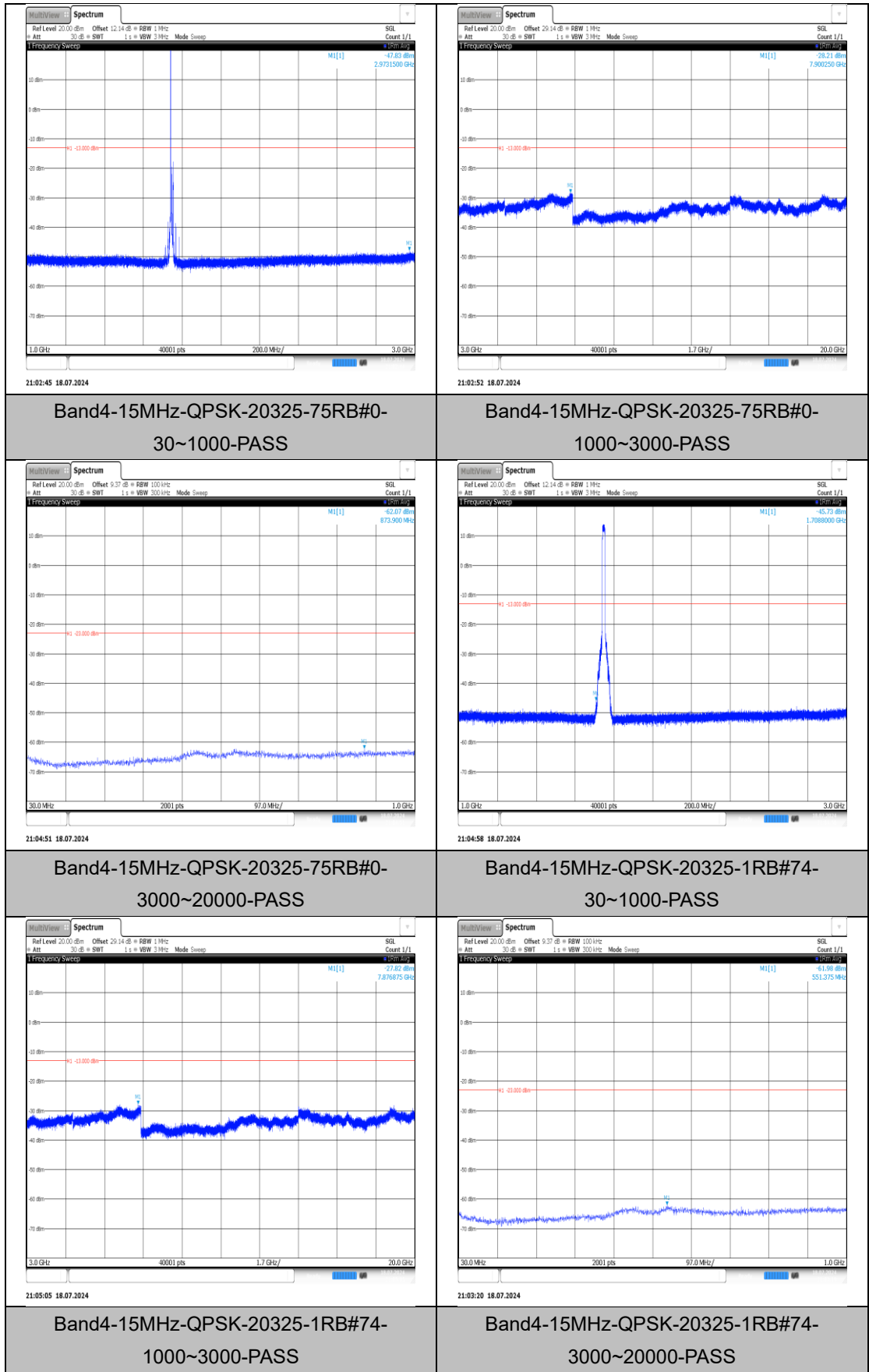


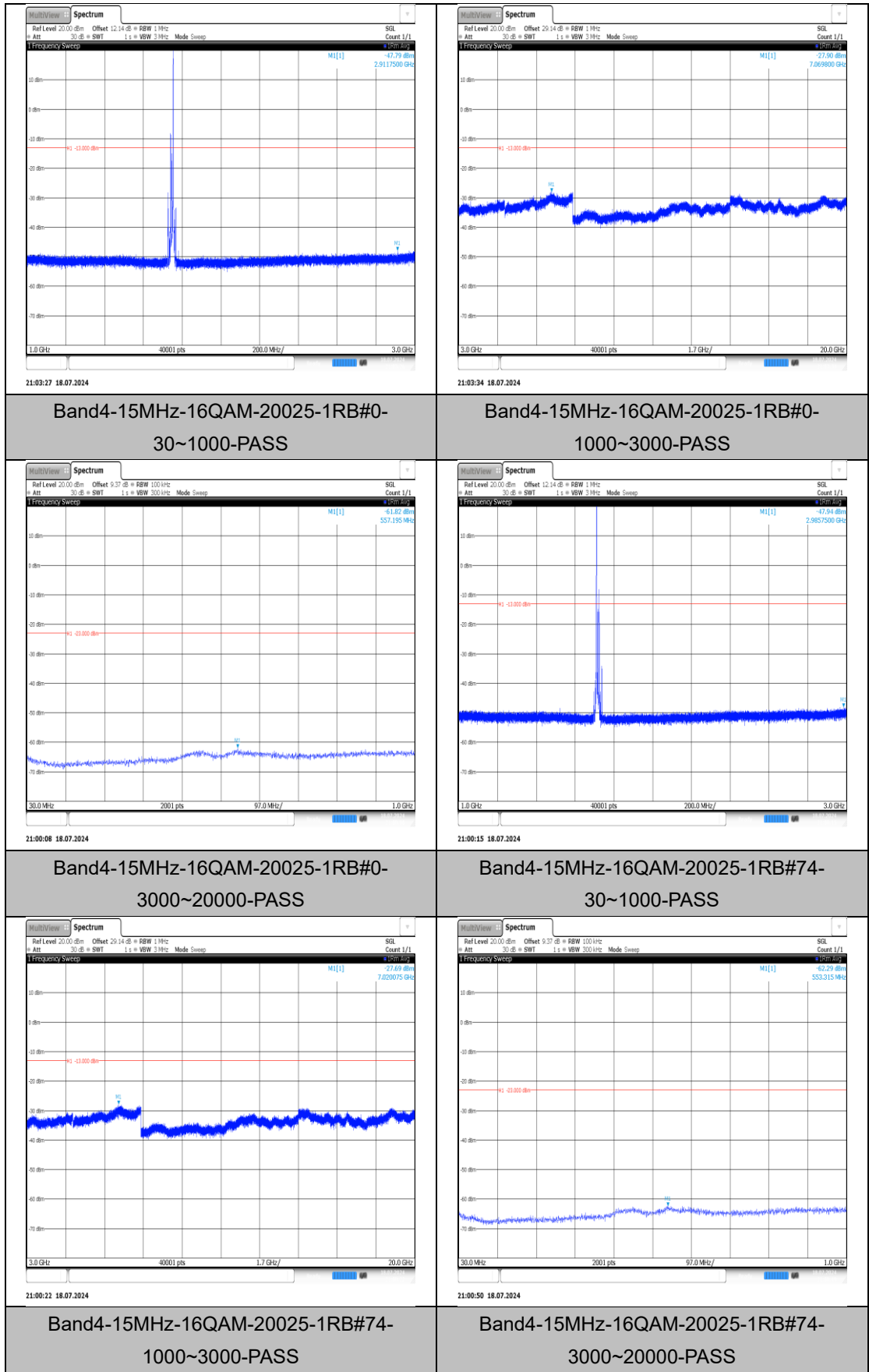


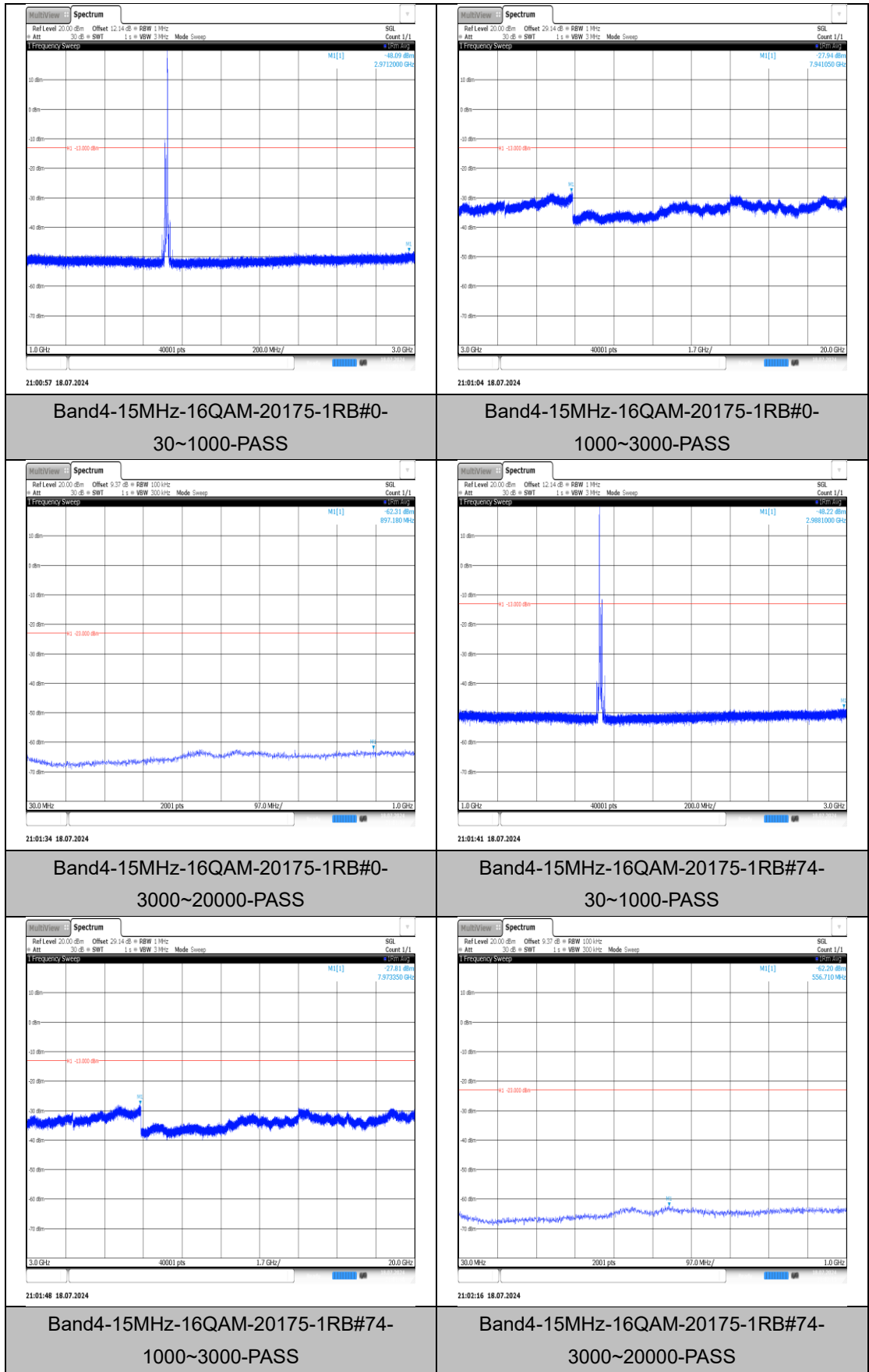


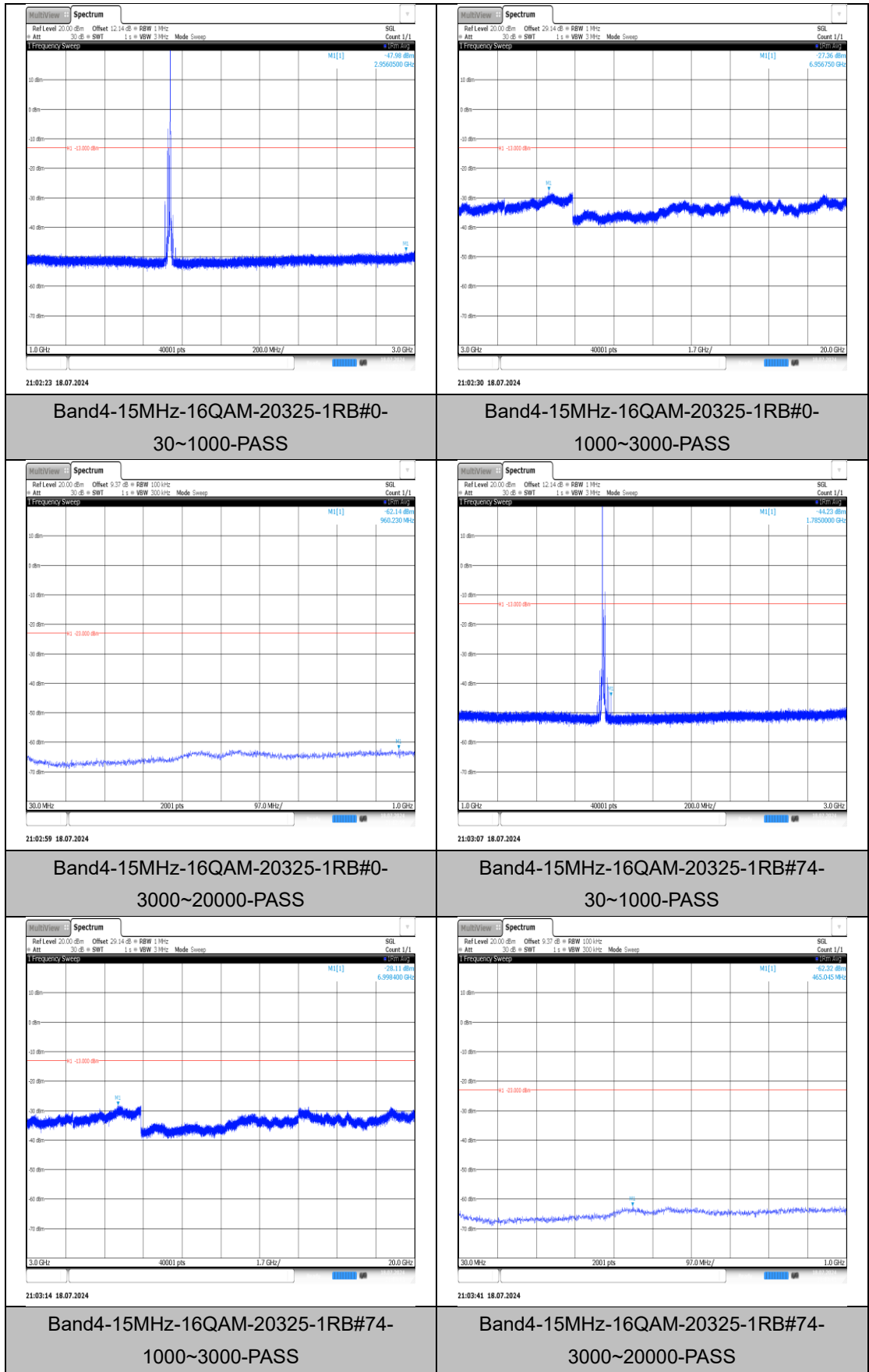


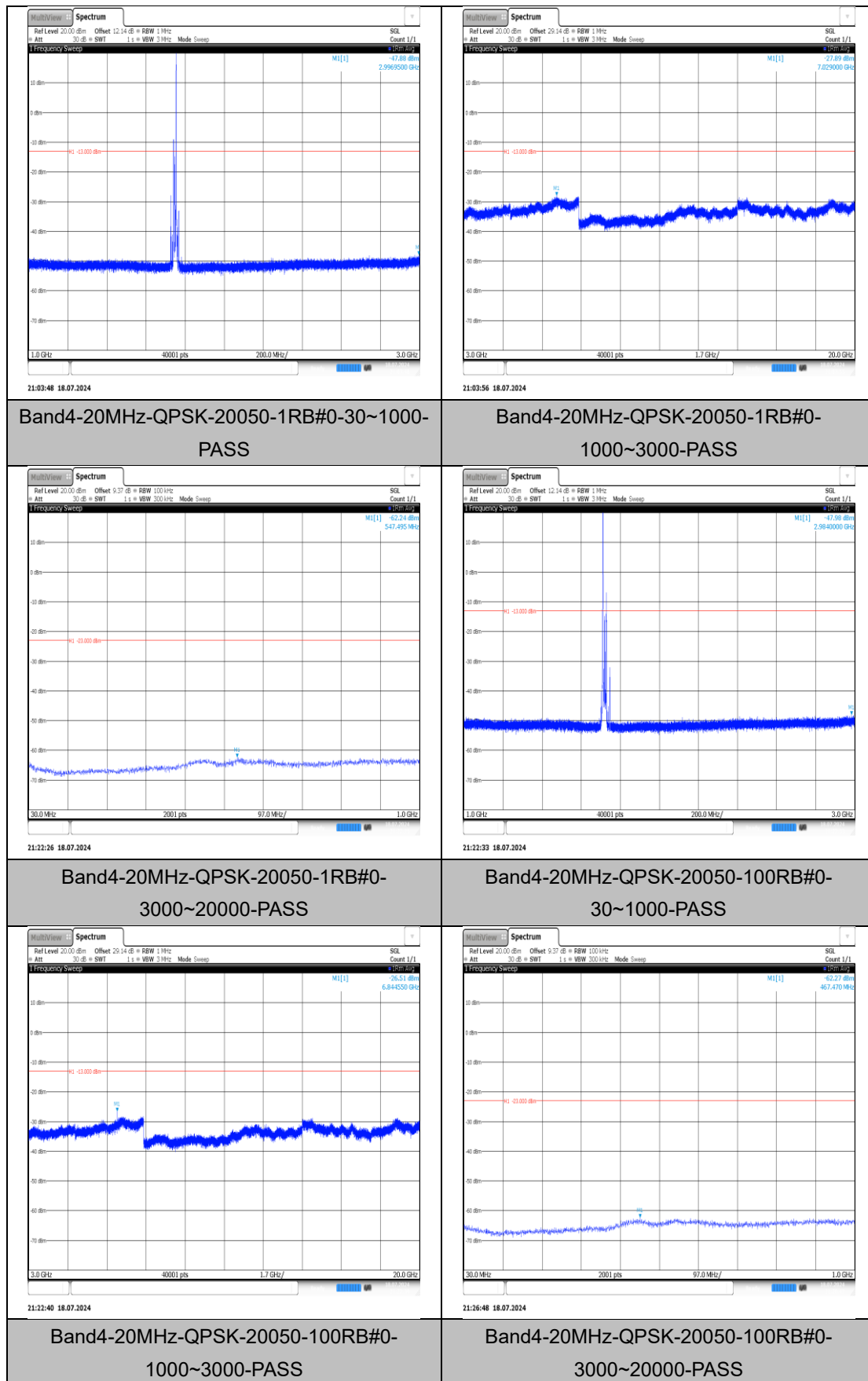


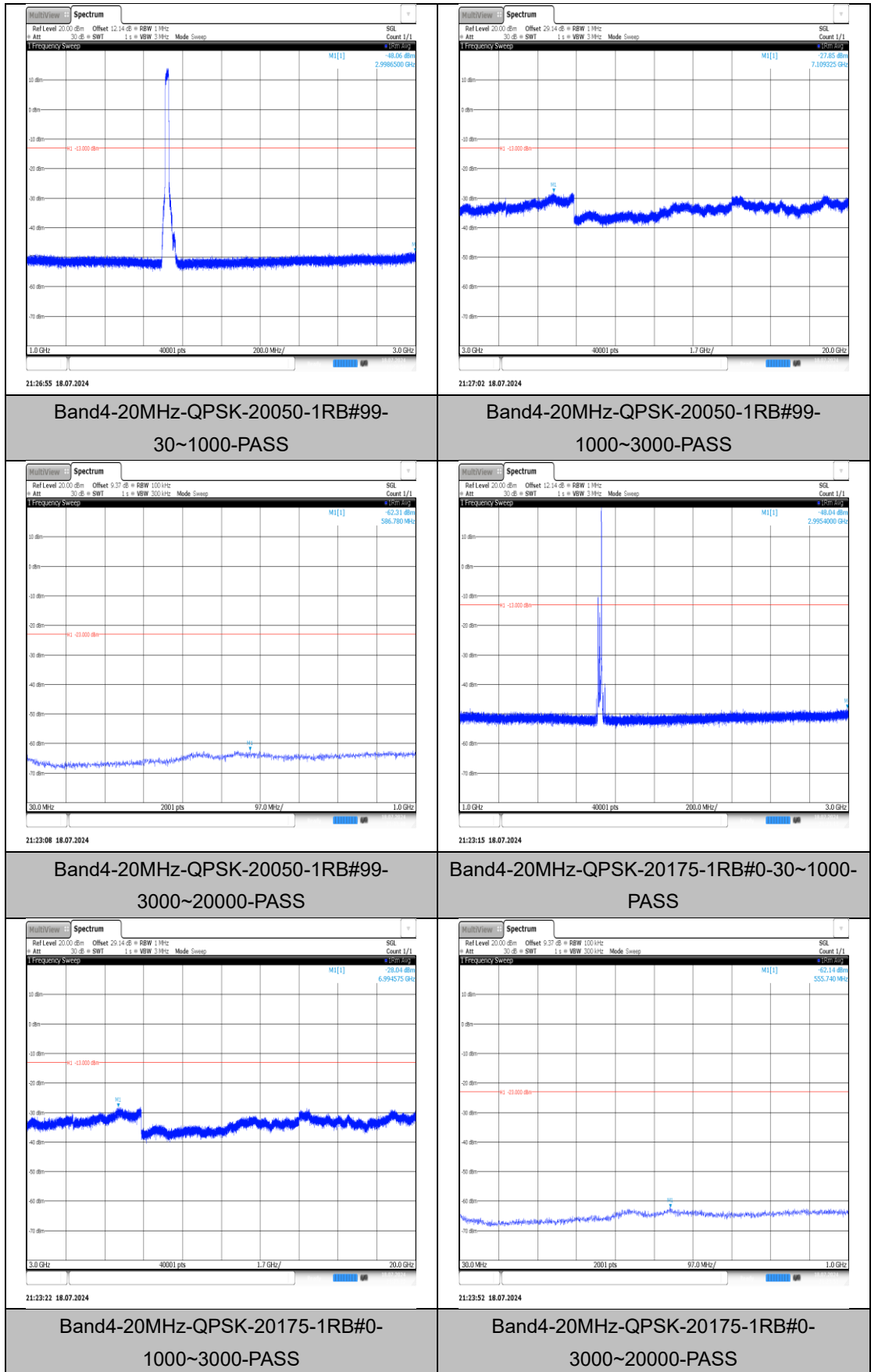


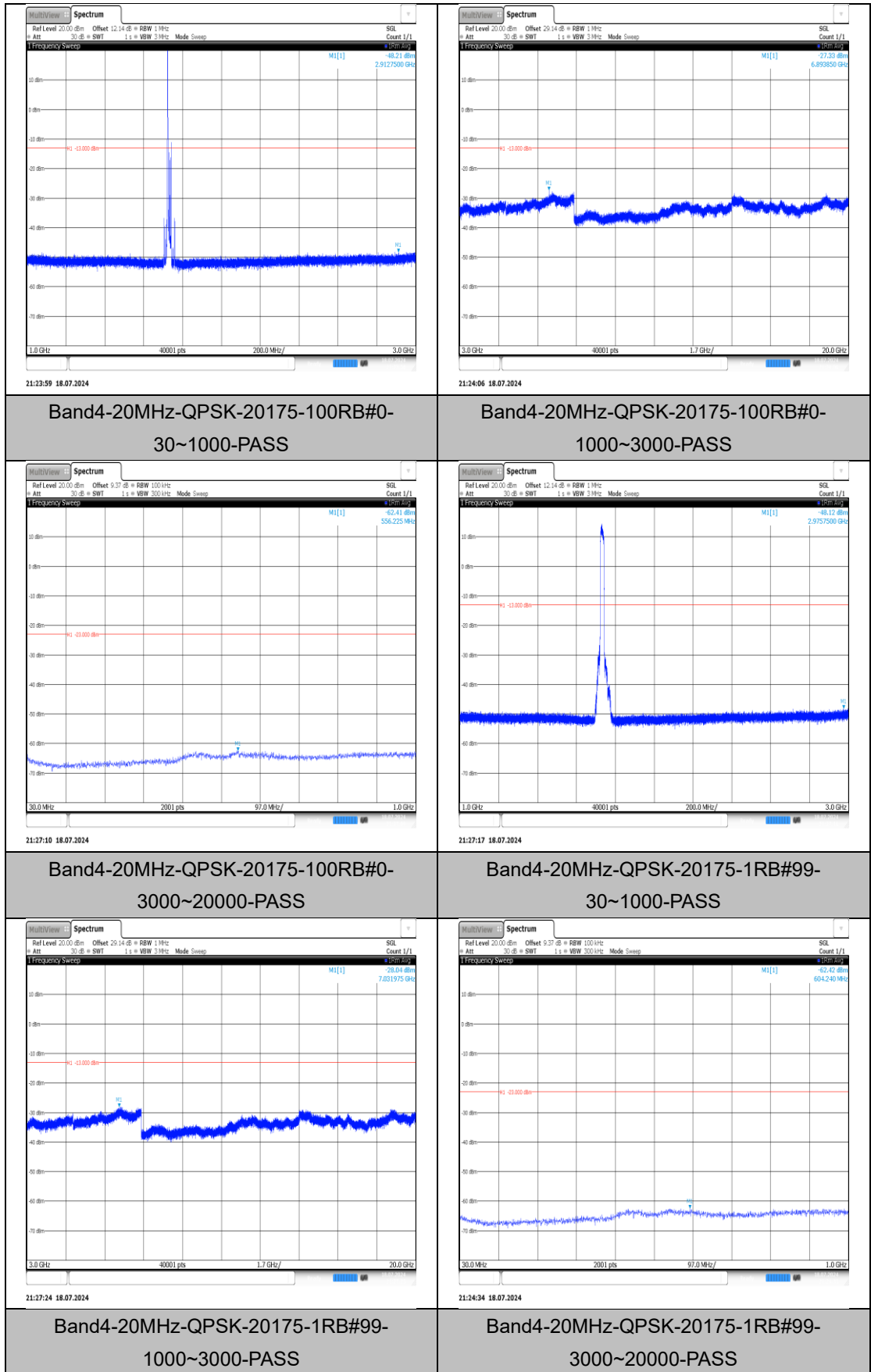


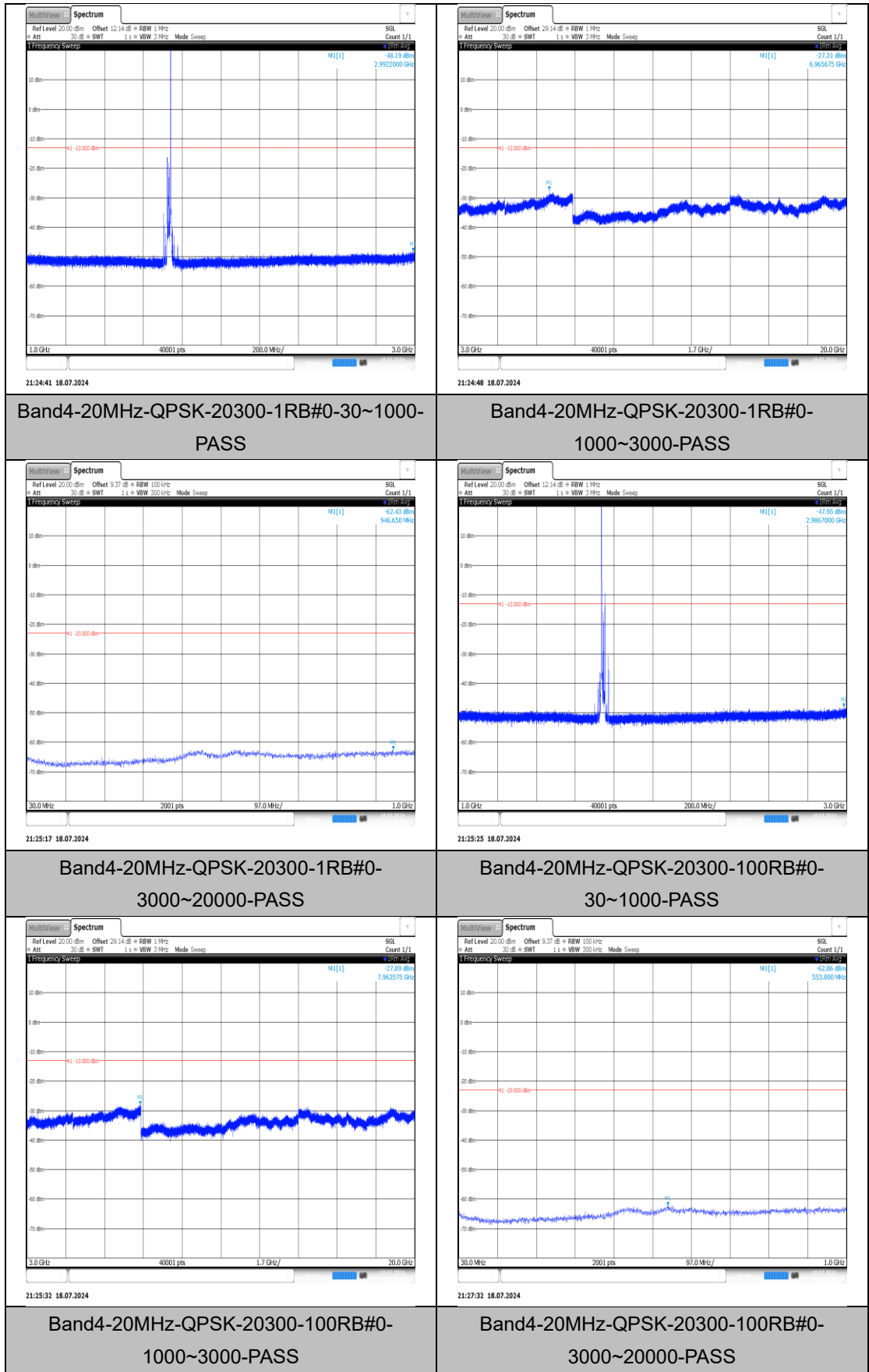


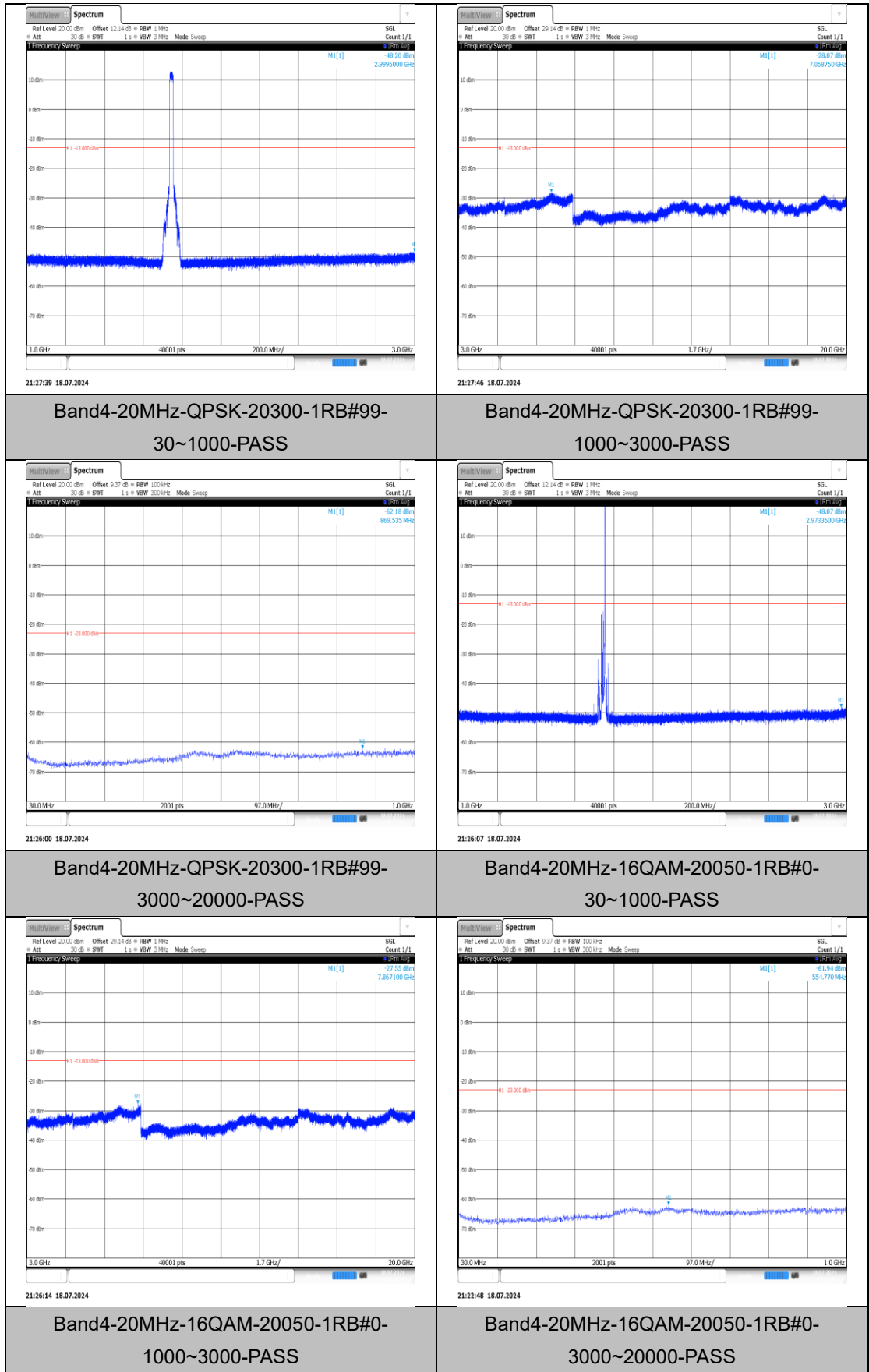


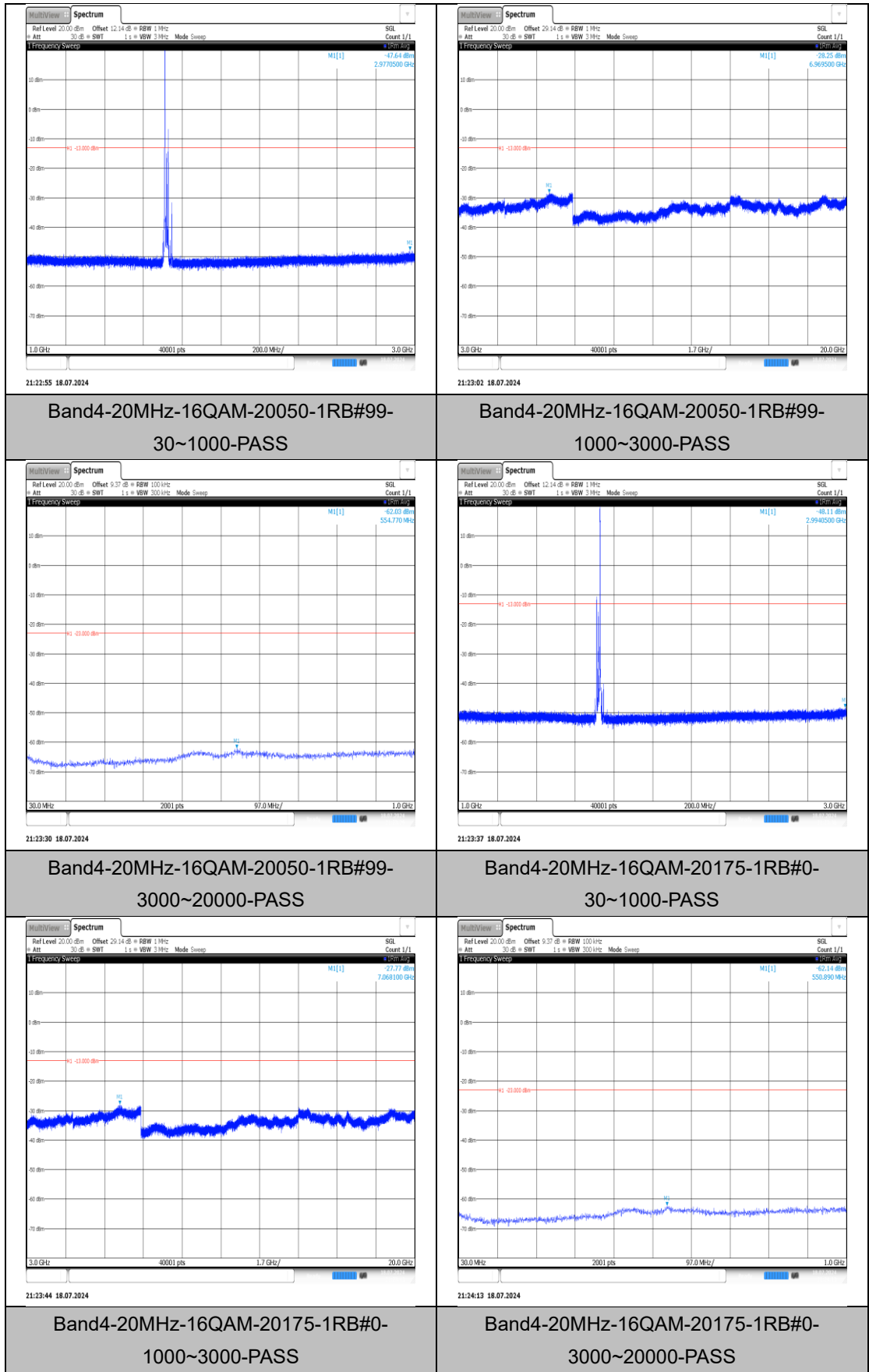


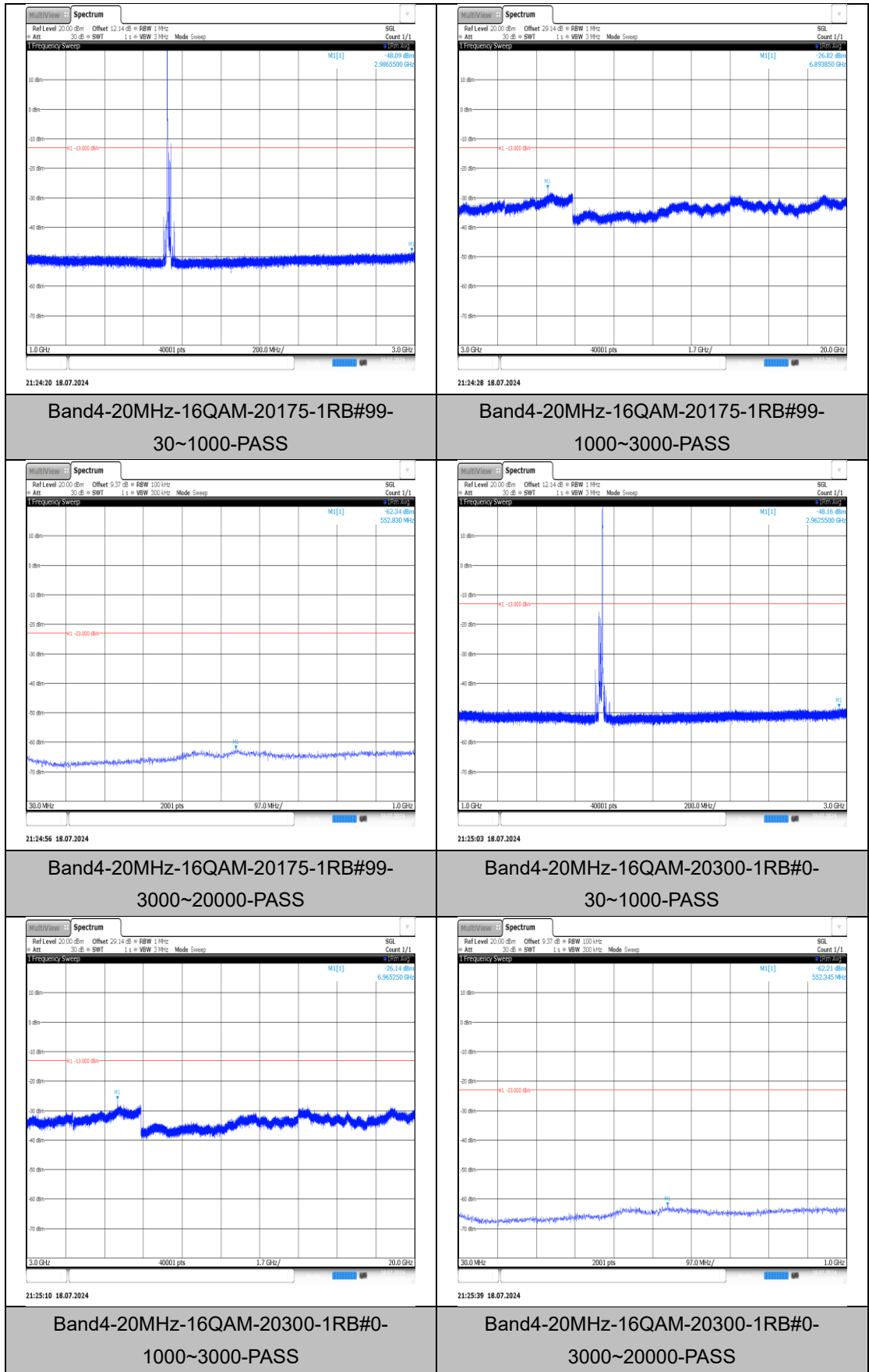


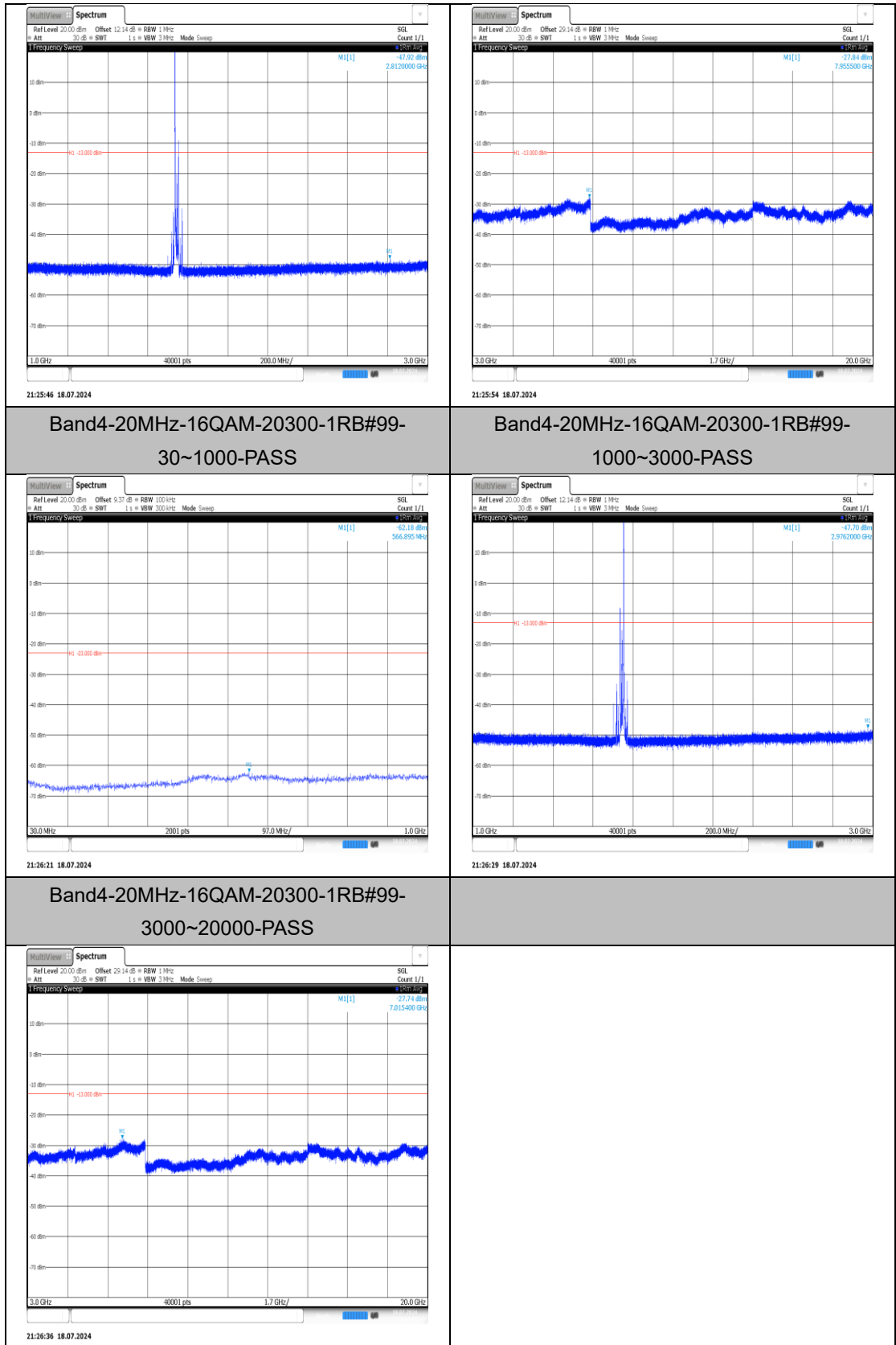












Appendix E: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	300.00	0.175367	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	300.00	0.175367	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	200.00	0.116911	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	50.00	0.028860	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-50.00	-0.028860	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	150.00	0.086580	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	250.00	0.142507	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-50.00	-0.028501	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-150.00	-0.085504	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	150.00	0.087683	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	250.00	0.146139	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-550.00	-0.321506	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-100.00	-0.057720	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-300.00	-0.173160	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	550.00	0.317460	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	400.00	0.228011	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	50.00	0.028501	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	450.00	0.256513	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-1000.00	-0.584283	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-950.00	-0.555069	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-450.00	-0.262927	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-3250.00	-1.875902	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	350.00	0.202020	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-1750.00	-1.010101	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-1700.00	-0.969490	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-1700.00	-0.969490	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	200.00	0.114058	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	1000.00	0.584283	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-950.00	-0.555069	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-500.00	-0.292141	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-2400.00	-1.385281	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-900.00	-0.519481	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-150.00	-0.086580	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-1350.00	-0.769889	±NA	PASS

Band4	3MHz	16QAM	20385	15RB#0	VH	NT	900.00	0.513259	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-1850.00	-1.080292	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-2150.00	-1.255474	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	1400.00	0.817518	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-7950.00	-4.588745	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-7200.00	-4.155844	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-6150.00	-3.549784	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-5300.00	-3.024251	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-3100.00	-1.768902	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-2800.00	-1.597718	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-1650.00	-0.963504	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-1750.00	-1.021898	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-3250.00	-1.897810	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-1050.00	-0.606061	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-4650.00	-2.683983	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-5400.00	-3.116883	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	1750.00	0.998573	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	200.00	0.114123	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	900.00	0.513552	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-4600.00	-2.682216	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	1450.00	0.845481	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-350.00	-0.204082	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-15300.00	-8.831169	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-16050.00	-9.264069	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-10850.00	-6.262626	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-8800.00	-5.028571	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-100.00	-0.057143	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	1250.00	0.714286	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	17100.00	9.956332	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	5450.00	3.173217	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	20450.00	11.906841	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-24100.00	- 13.910534	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-39200.00	- 22.626263	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-27050.00	- 15.613276	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-8850.00	-5.064378	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	-3250.00	-1.859800	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-4600.00	-2.632332	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	23150.00	13.459302	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	28950.00	16.831395	±NA	PASS

Band4	20MHz	QPSK	20050	100RB#0	VH	NT	19000.00	11.046512	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-35000.00	- 20.202020	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-36700.00	- 21.183261	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-37800.00	- 21.818182	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-20800.00	- 11.919771	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-11300.00	-6.475645	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-20700.00	- 11.862464	±NA	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	800.00	0.467645	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-50.00	-0.029228	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	700.00	0.409189	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-450.00	-0.263050	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	900.00	0.526100	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	1100.00	0.643012	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-50.00	-0.029228	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-550.00	-0.321506	±NA	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-100.00	-0.058456	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	350.00	0.202020	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	650.00	0.375180	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-900.00	-0.519481	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-1200.00	-0.692641	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	50.00	0.028860	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	200.00	0.115440	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-50.00	-0.028860	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-100.00	-0.057720	±NA	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-600.00	-0.346320	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	400.00	0.228011	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	650.00	0.370518	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	50.00	0.028501	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	1200.00	0.684034	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-50.00	-0.028501	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-1000.00	-0.570028	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-1050.00	-0.598529	±NA	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	250.00	0.142507	±NA	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	200.00	0.114006	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-150.00	-0.087683	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-550.00	-0.321506	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-200.00	-0.116911	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-350.00	-0.204595	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-300.00	-0.175367	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-150.00	-0.087683	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	400.00	0.233822	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	750.00	0.438417	±NA	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-200.00	-0.116911	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	100.00	0.057720	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	0.00	0.000000	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-750.00	-0.432900	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	0.00	0.000000	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	200.00	0.115440	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	850.00	0.490620	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-750.00	-0.432900	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-1000.00	-0.577201	±NA	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-50.00	-0.028860	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	900.00	0.513025	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-150.00	-0.085504	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	1100.00	0.627031	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-200.00	-0.114006	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-850.00	-0.484524	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	50.00	0.028501	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-400.00	-0.228011	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-250.00	-0.142507	±NA	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	550.00	0.313515	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-650.00	-0.379784	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-1500.00	-0.876424	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	-1100.00	-0.642711	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	300.00	0.175285	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	450.00	0.262927	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-1600.00	-0.934852	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-550.00	-0.321356	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-700.00	-0.408998	±NA	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	-350.00	-0.204499	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-1550.00	-0.894661	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-750.00	-0.432900	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	-700.00	-0.404040	±NA	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	0	-4350.00	-2.510823	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-750.00	-0.432900	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-850.00	-0.490620	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-2500.00	-1.443001	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-600.00	-0.346320	±NA	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-450.00	-0.259740	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-1350.00	-0.769889	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-1550.00	-0.883946	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	750.00	0.427716	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-450.00	-0.256630	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-800.00	-0.456230	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-3100.00	-1.767893	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-1250.00	-0.712860	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	650.00	0.370687	±NA	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-1100.00	-0.627317	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-1600.00	-0.934852	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-1050.00	-0.613497	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	-2450.00	-1.431493	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	100.00	0.058428	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-4150.00	-2.424774	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	0.00	0.000000	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-1200.00	-0.701139	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	-2400.00	-1.402279	±NA	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	-1800.00	-1.051709	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-850.00	-0.490620	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-2800.00	-1.616162	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	-1650.00	-0.952381	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-1400.00	-0.808081	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	900.00	0.519481	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-2500.00	-1.443001	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-600.00	-0.346320	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	-2550.00	-1.471861	±NA	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-4500.00	-2.597403	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	2300.00	1.311662	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	350.00	0.199601	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	-550.00	-0.313658	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	1150.00	0.655831	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	300.00	0.171086	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	600.00	0.342173	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	1550.00	0.883946	±NA	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-250.00	-0.142572	±NA	PASS

Band4	3MHz	16QAM	20385	15RB#0	NV	50	-350.00	-0.199601	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-150.00	-0.087591	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-2300.00	-1.343066	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	-3100.00	-1.810219	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-50.00	-0.029197	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	1750.00	1.021898	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-3750.00	-2.189781	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	2800.00	1.635036	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	1100.00	0.642336	±NA	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	1050.00	0.613139	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-5450.00	-3.145743	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-6200.00	-3.578644	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	-4700.00	-2.712843	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-7100.00	-4.098124	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-3650.00	-2.106782	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-5450.00	-3.145743	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-3100.00	-1.789322	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-3050.00	-1.760462	±NA	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-8750.00	-5.050505	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-3600.00	-2.054208	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-2650.00	-1.512126	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	-3100.00	-1.768902	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-1450.00	-0.827389	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-750.00	-0.427960	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-2400.00	-1.369472	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-350.00	-0.199715	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-4000.00	-2.282454	±NA	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-5100.00	-2.910128	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-2300.00	-1.343066	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-2500.00	-1.459854	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	-2600.00	-1.518248	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-100.00	-0.058394	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	600.00	0.350365	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-2350.00	-1.372263	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-2850.00	-1.664234	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-1300.00	-0.759124	±NA	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-3200.00	-1.868613	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-5300.00	-3.059163	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-3250.00	-1.875902	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	-4150.00	-2.395382	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-3050.00	-1.760462	±NA	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	10	-3050.00	-1.760462	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-2100.00	-1.212121	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-2100.00	-1.212121	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-1150.00	-0.663781	±NA	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-3800.00	-2.193362	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	200.00	0.114123	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	100.00	0.057061	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-50.00	-0.028531	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-1450.00	-0.827389	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-1500.00	-0.855920	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	2300.00	1.312411	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	0.00	0.000000	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	1800.00	1.027104	±NA	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-950.00	-0.542083	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	5500.00	3.206997	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	1550.00	0.903790	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	150.00	0.087464	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	3700.00	2.157434	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-100.00	-0.058309	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	4100.00	2.390671	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-350.00	-0.204082	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-1400.00	-0.816327	±NA	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	6100.00	3.556851	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-10350.00	-5.974026	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-12650.00	-7.301587	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	-14500.00	-8.369408	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-14350.00	-8.282828	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-15950.00	-9.206349	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-16200.00	-9.350649	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-16650.00	-9.610390	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-11950.00	-6.897547	±NA	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-19100.00	- 11.024531	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	2350.00	1.342857	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	300.00	0.171429	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	-600.00	-0.342857	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-5200.00	-2.971429	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	1050.00	0.600000	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-3450.00	-1.971429	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-1300.00	-0.742857	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	4050.00	2.314286	±NA	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	1950.00	1.114286	±NA	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	-30	18200.00	10.596798	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	18900.00	11.004367	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	10300.00	5.997089	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	13950.00	8.122271	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	8850.00	5.152838	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	12700.00	7.394469	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	8100.00	4.716157	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	11450.00	6.666667	±NA	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	20400.00	11.877729	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-28250.00	- 16.305916	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-26000.00	- 15.007215	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	-25050.00	- 14.458874	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-20800.00	- 12.005772	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-31800.00	- 18.354978	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-28850.00	- 16.652237	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-30400.00	- 17.546898	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-28100.00	- 16.219336	±NA	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-26500.00	- 15.295815	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-8000.00	-4.577969	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-4100.00	-2.346209	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	-4950.00	-2.832618	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	-2200.00	-1.258941	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-5800.00	-3.319027	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	1500.00	0.858369	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-150.00	-0.085837	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-450.00	-0.257511	±NA	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-3750.00	-2.145923	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	20800.00	12.093023	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	16700.00	9.709302	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	15700.00	9.127907	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	26750.00	15.552326	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	29350.00	17.063953	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	31150.00	18.110465	±NA	PASS

Band4	20MHz	QPSK	20050	100RB#0	NV	30	27800.00	16.162791	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	22450.00	13.052326	±NA	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	27000.00	15.697674	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-37850.00	- 21.847042	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-38050.00	- 21.962482	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-36500.00	- 21.067821	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-31050.00	- 17.922078	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-33850.00	- 19.538240	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-36600.00	- 21.125541	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-33750.00	- 19.480519	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-46750.00	- 26.984127	±NA	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-28750.00	- 16.594517	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-15900.00	-9.111748	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-16650.00	-9.541547	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-13100.00	-7.507163	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-9150.00	-5.243553	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-13500.00	-7.736390	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-15050.00	-8.624642	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-21100.00	- 12.091691	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-11950.00	-6.848138	±NA	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-10450.00	-5.988539	±NA	PASS