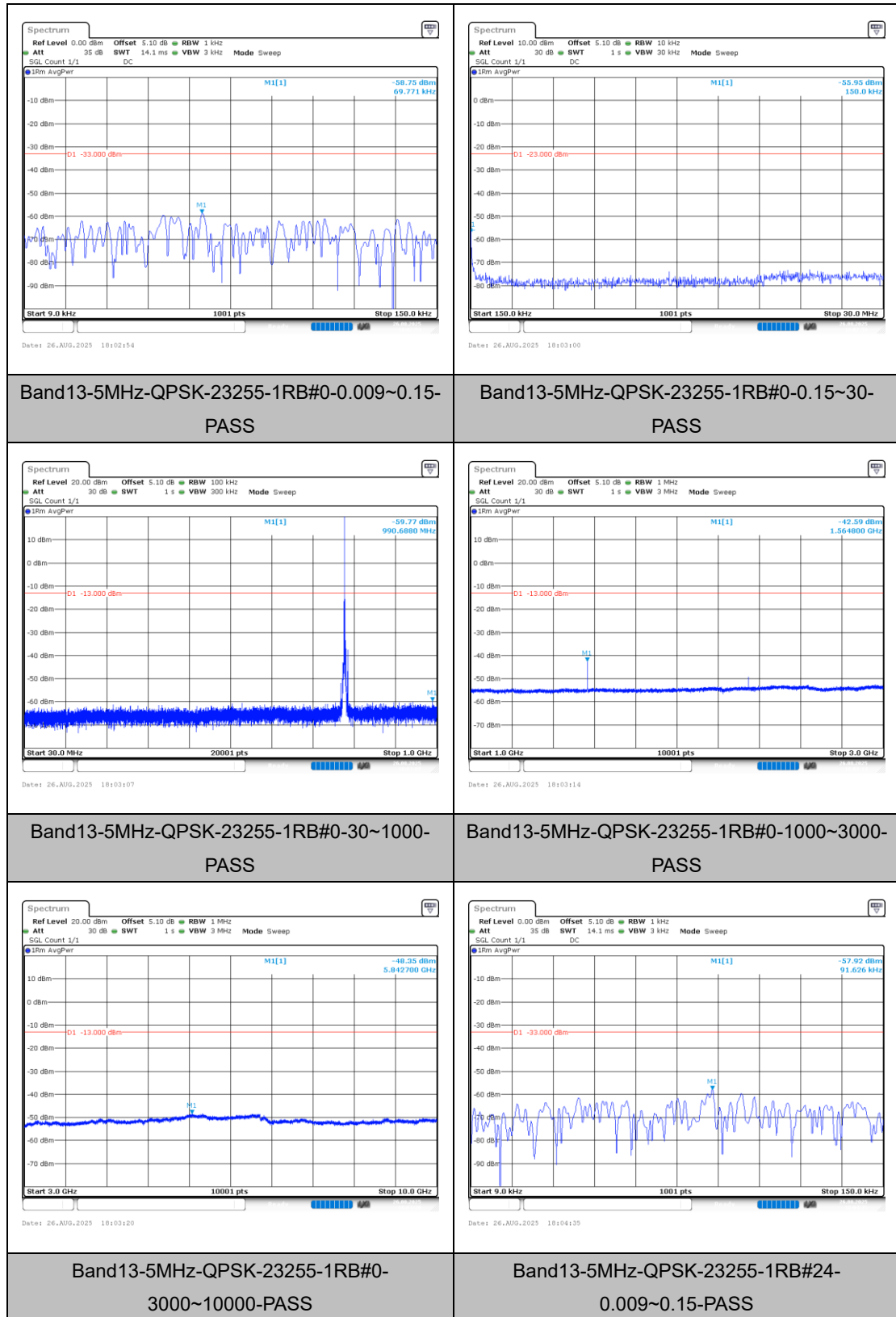
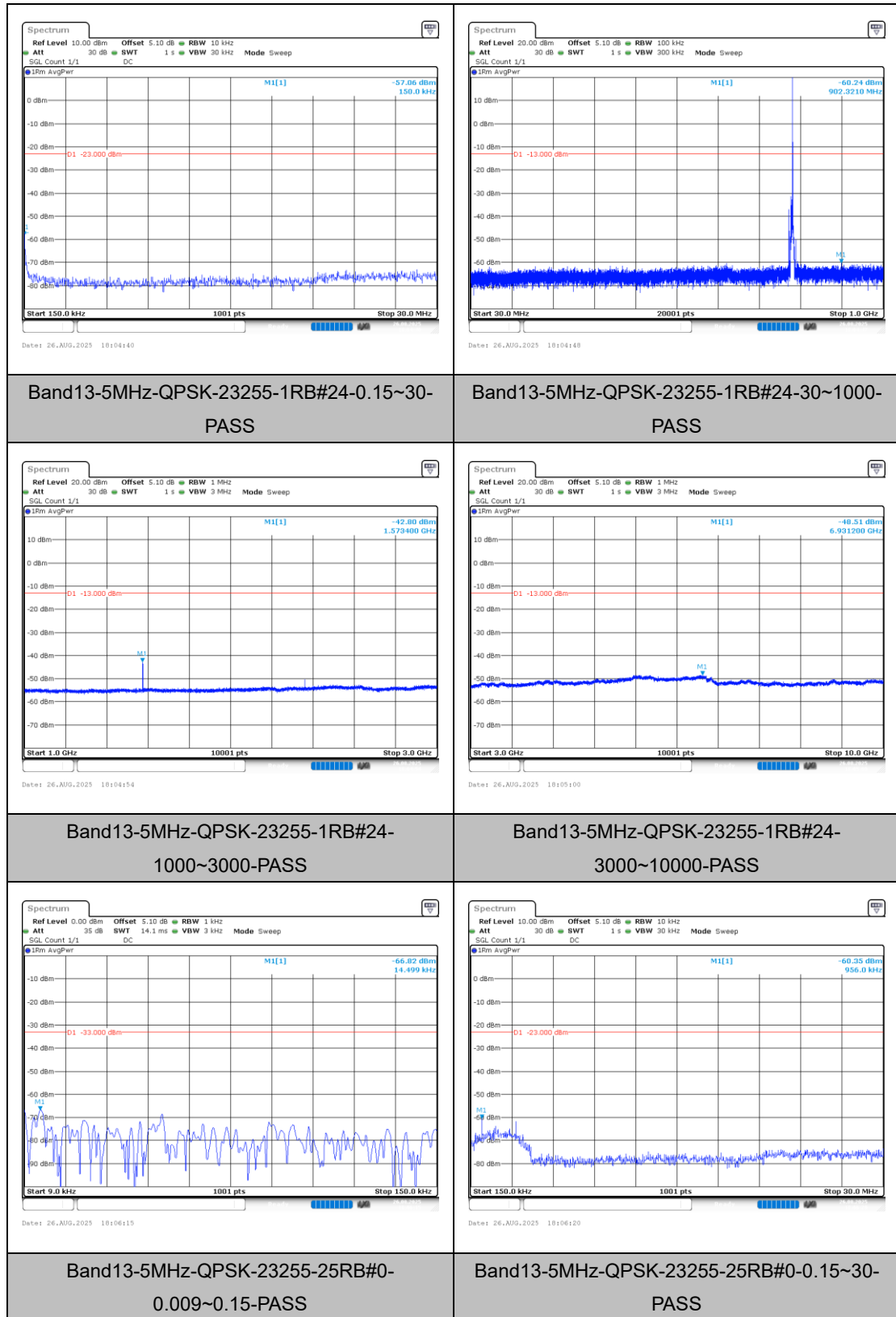
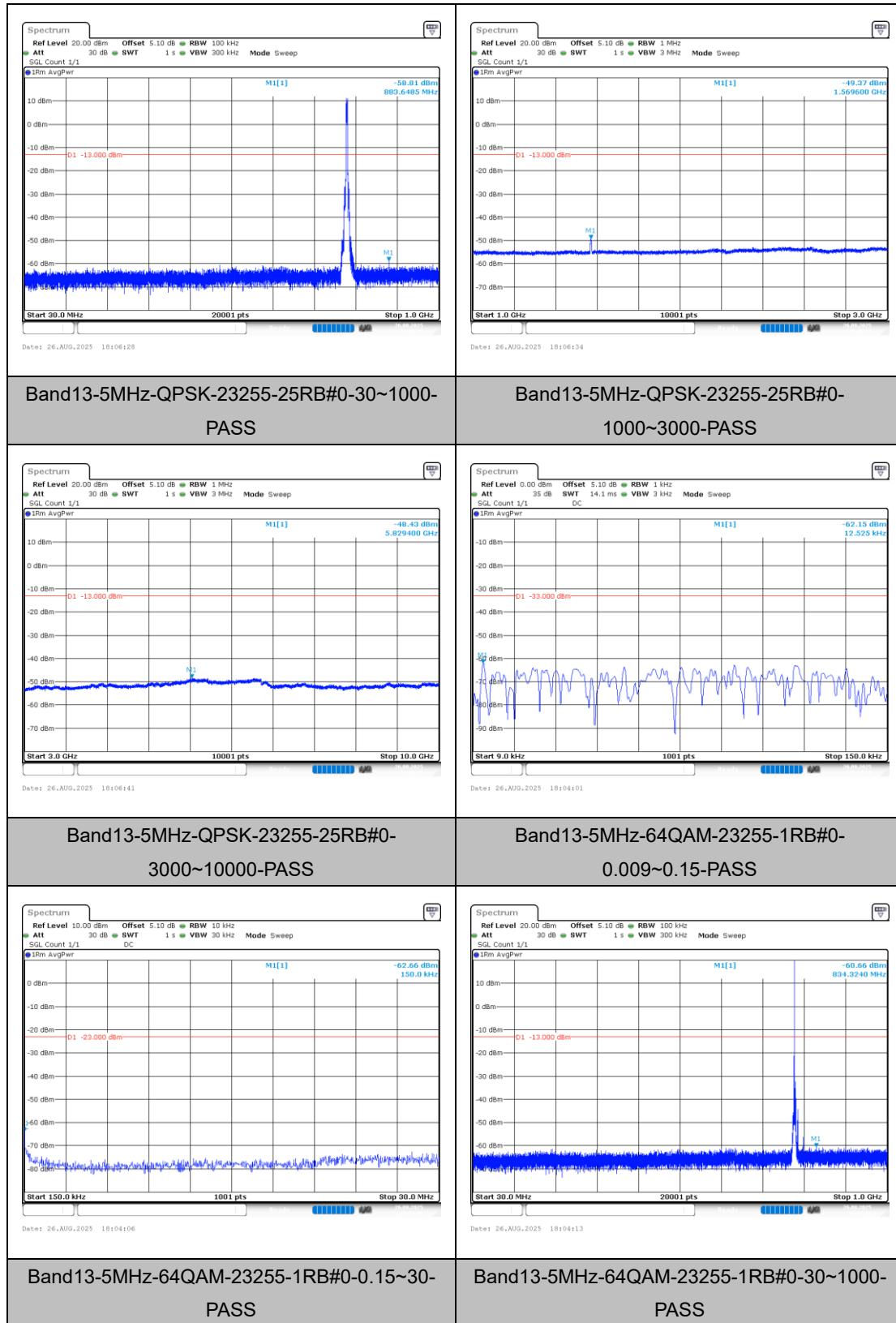
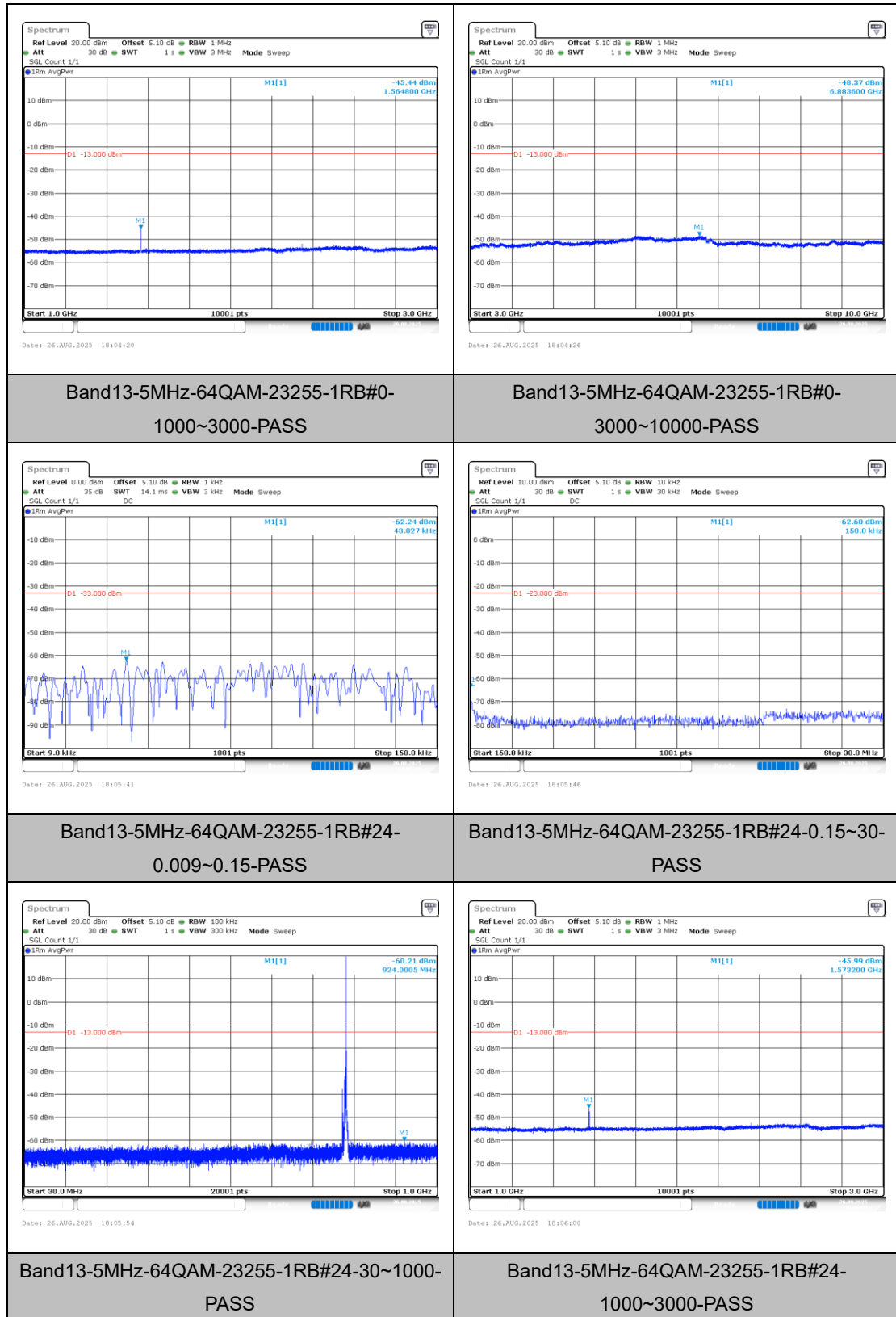
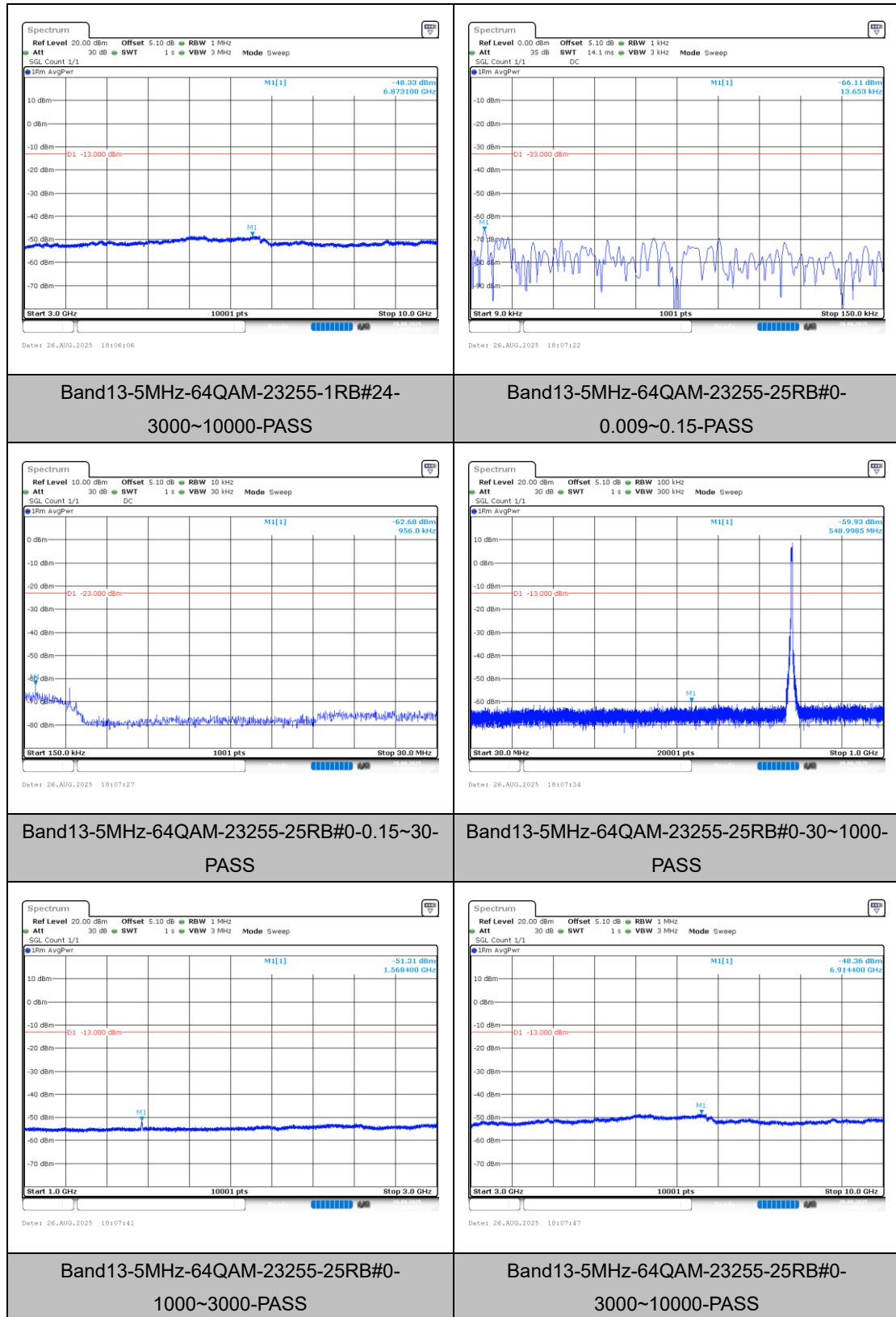


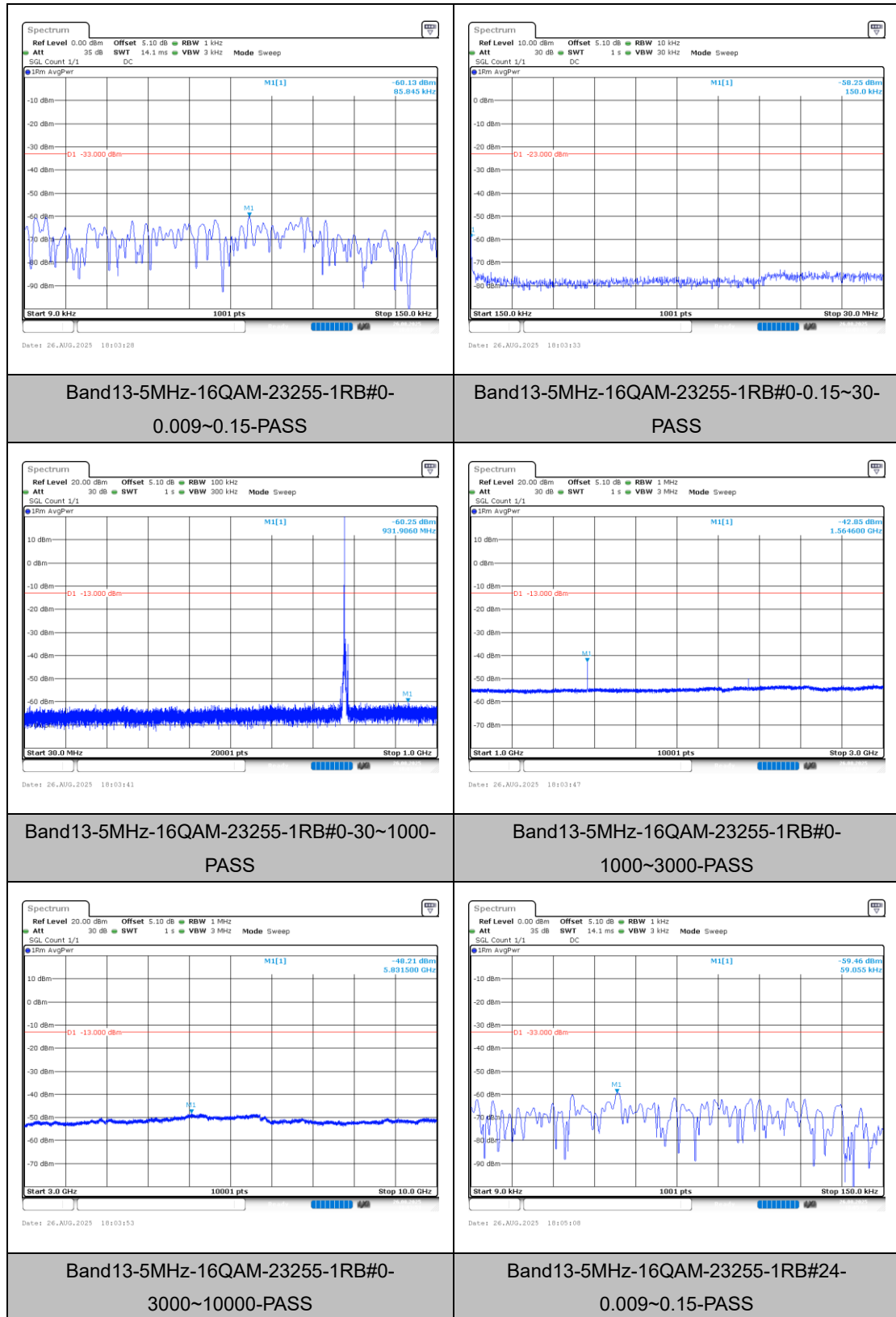


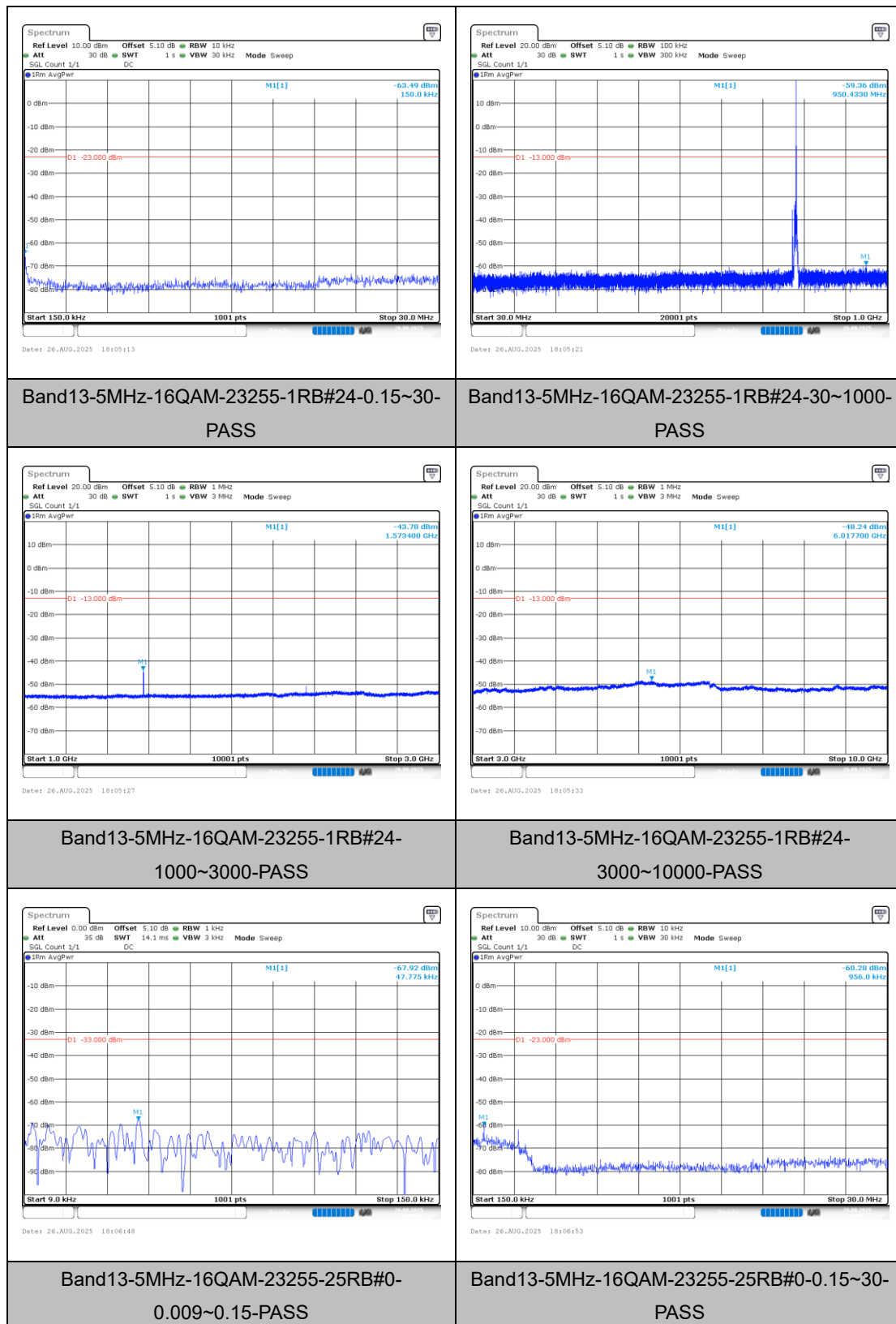


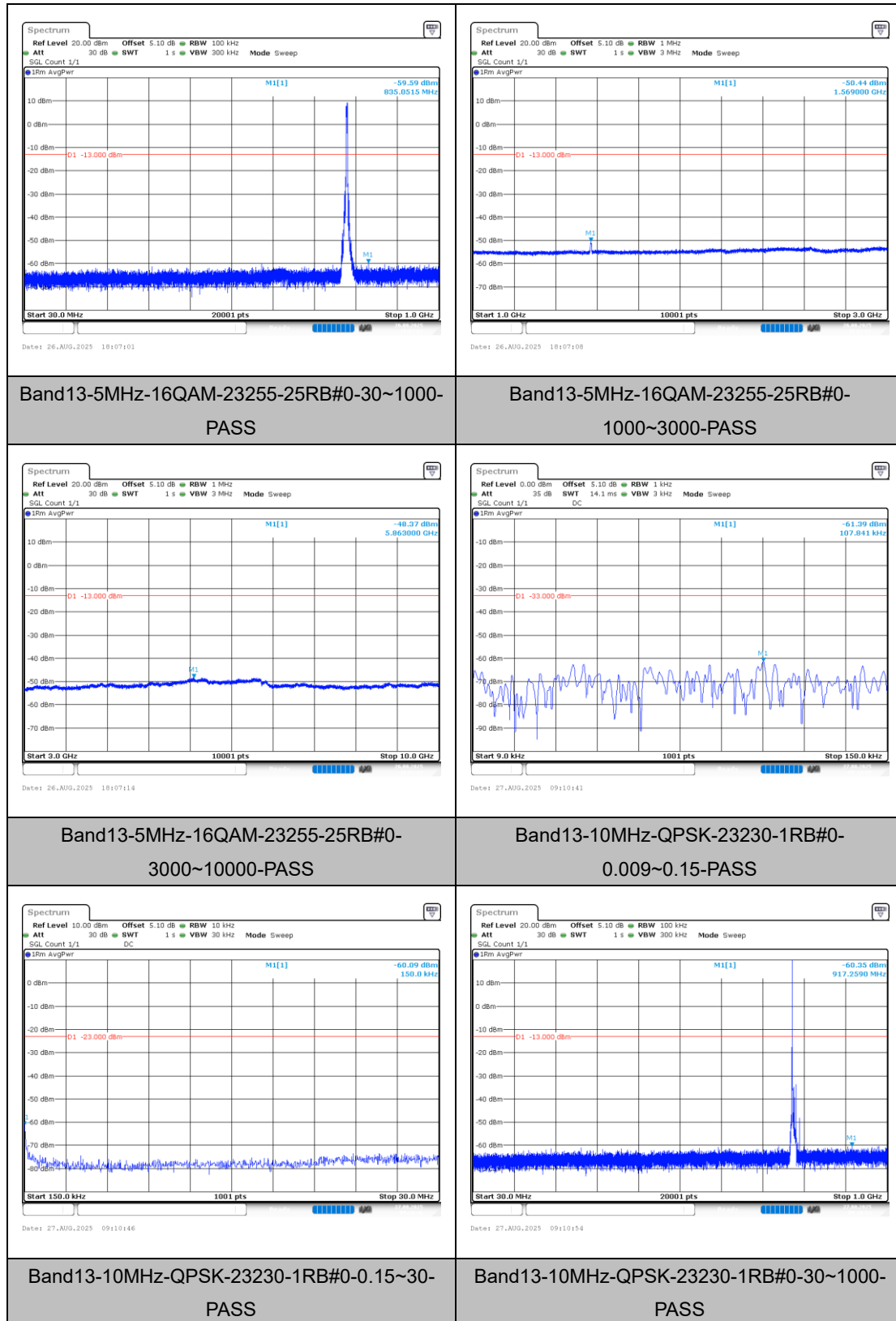


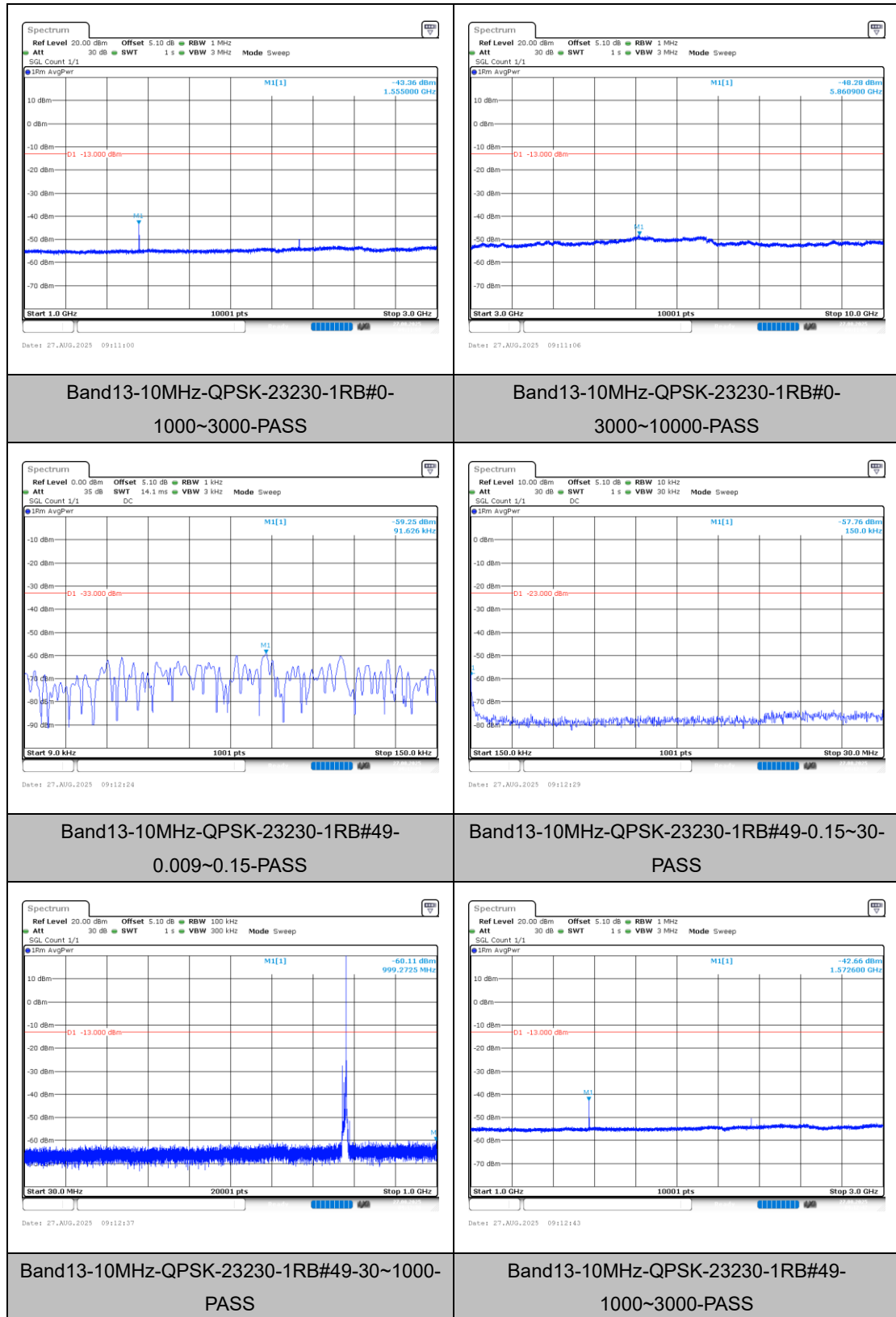


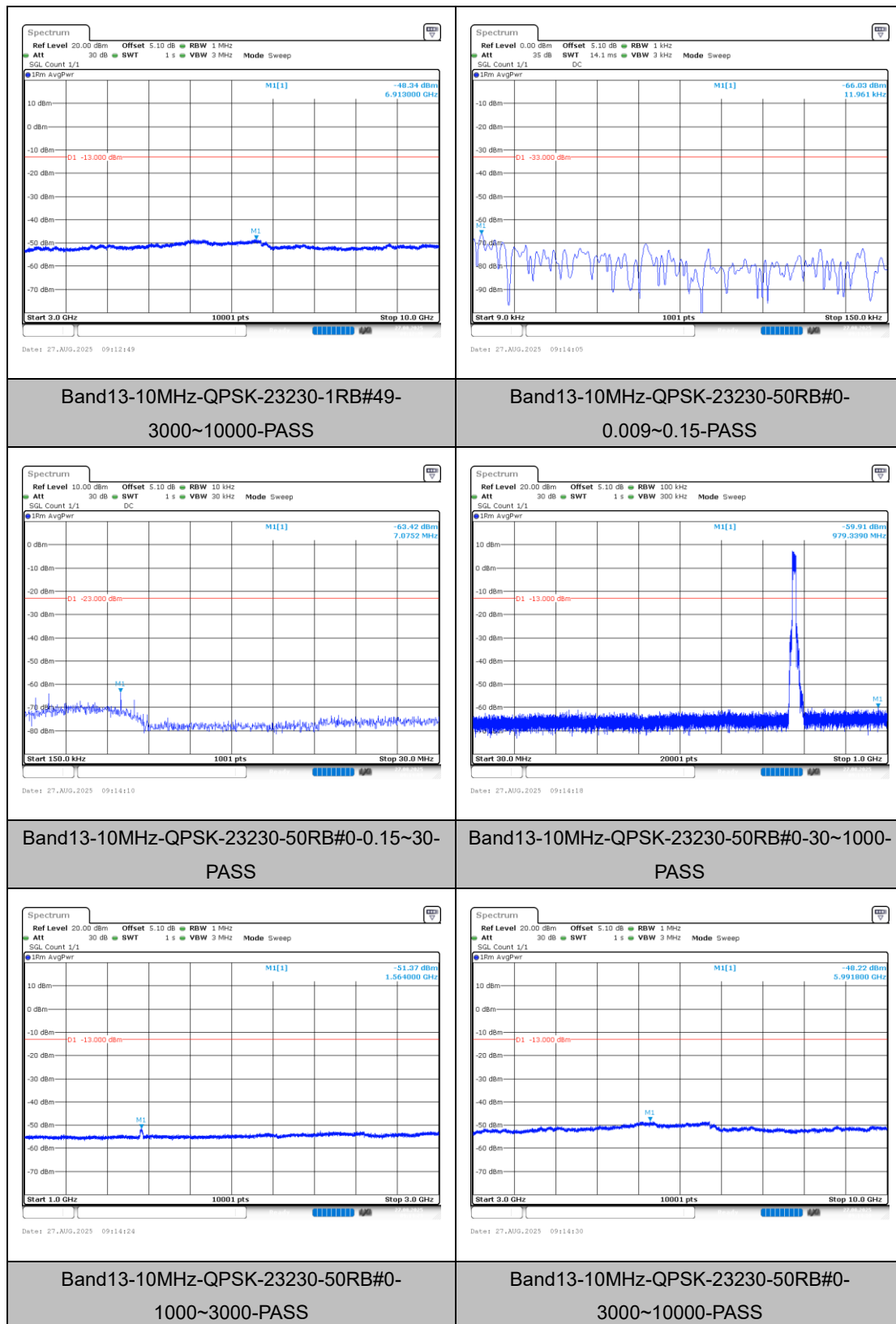


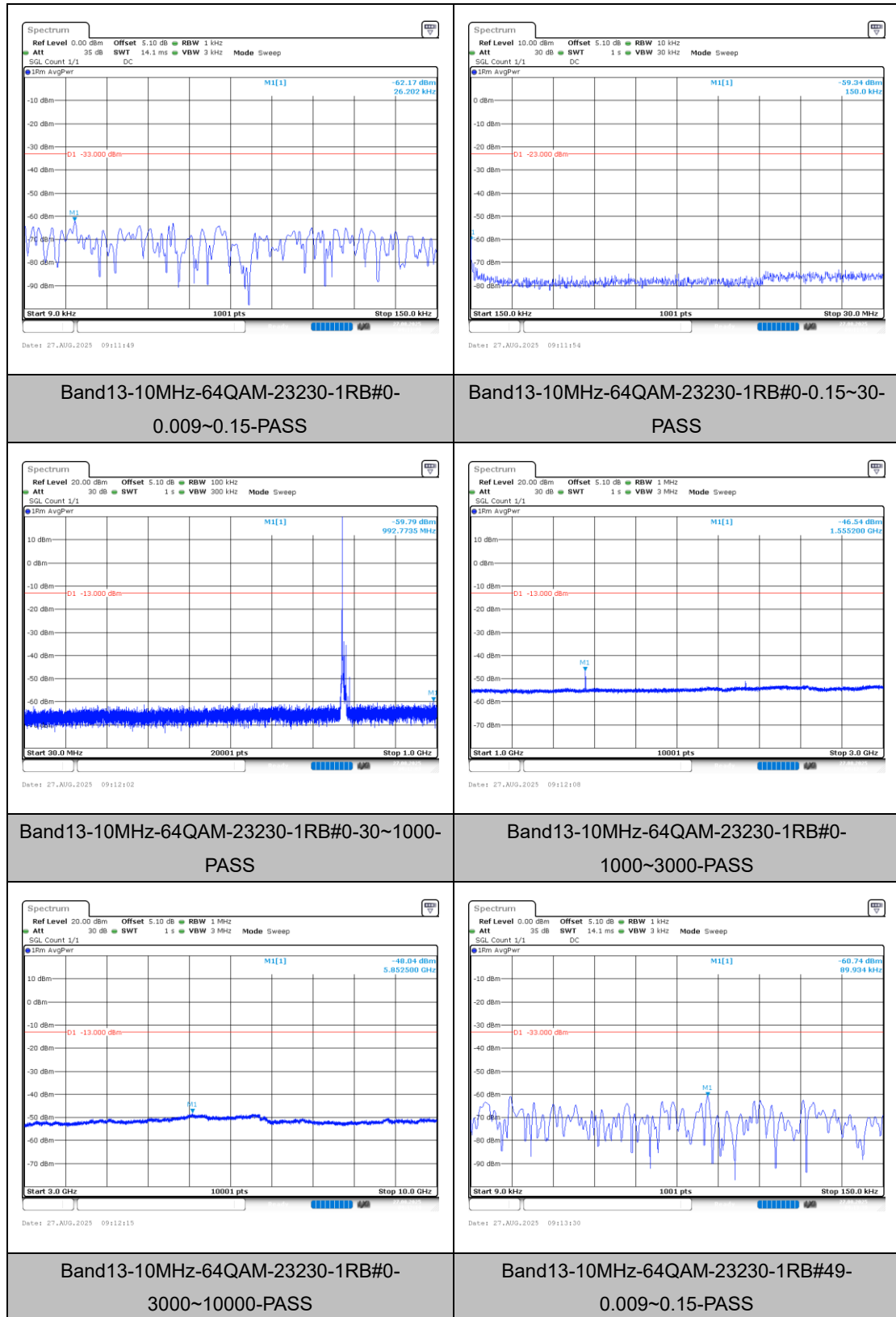


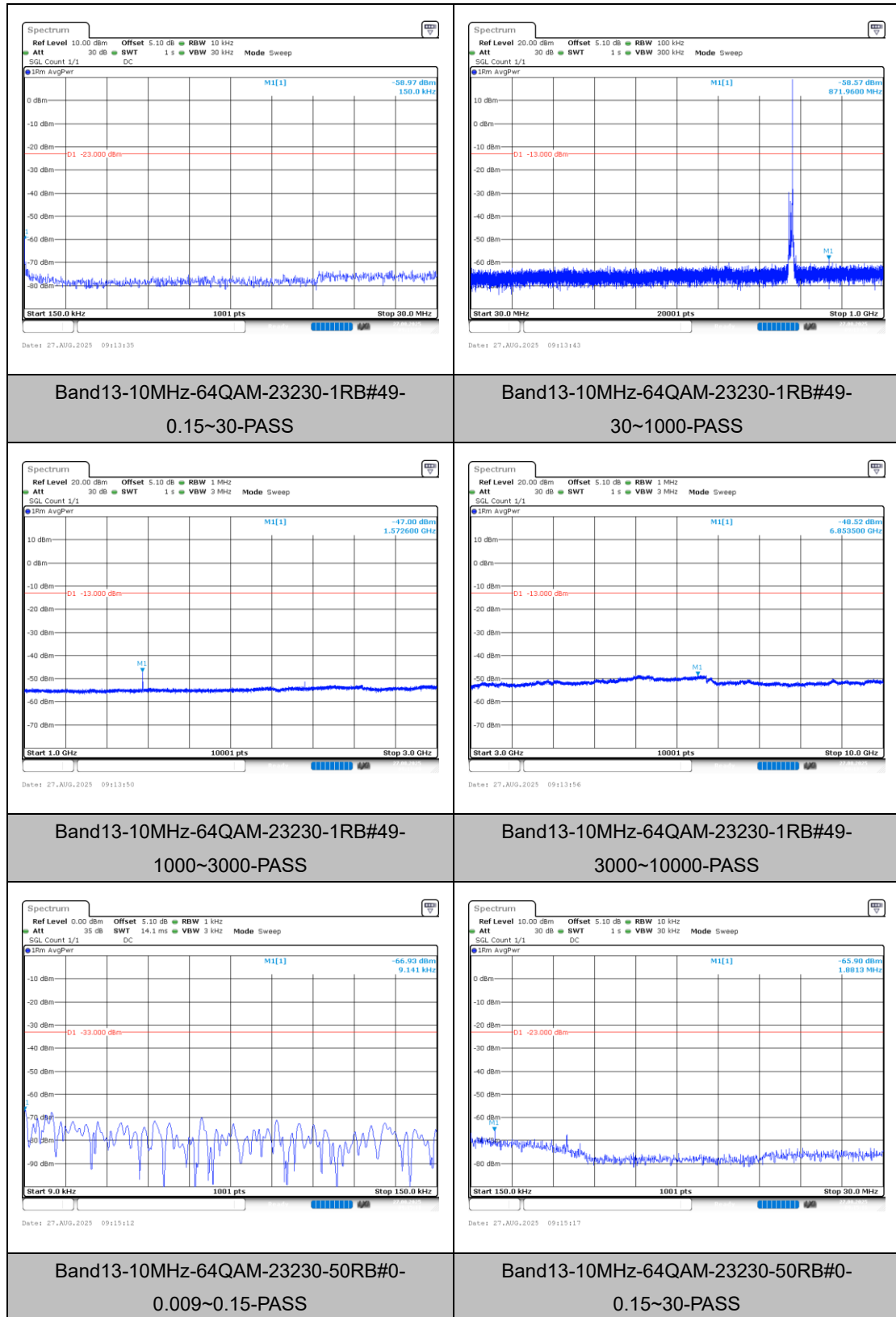


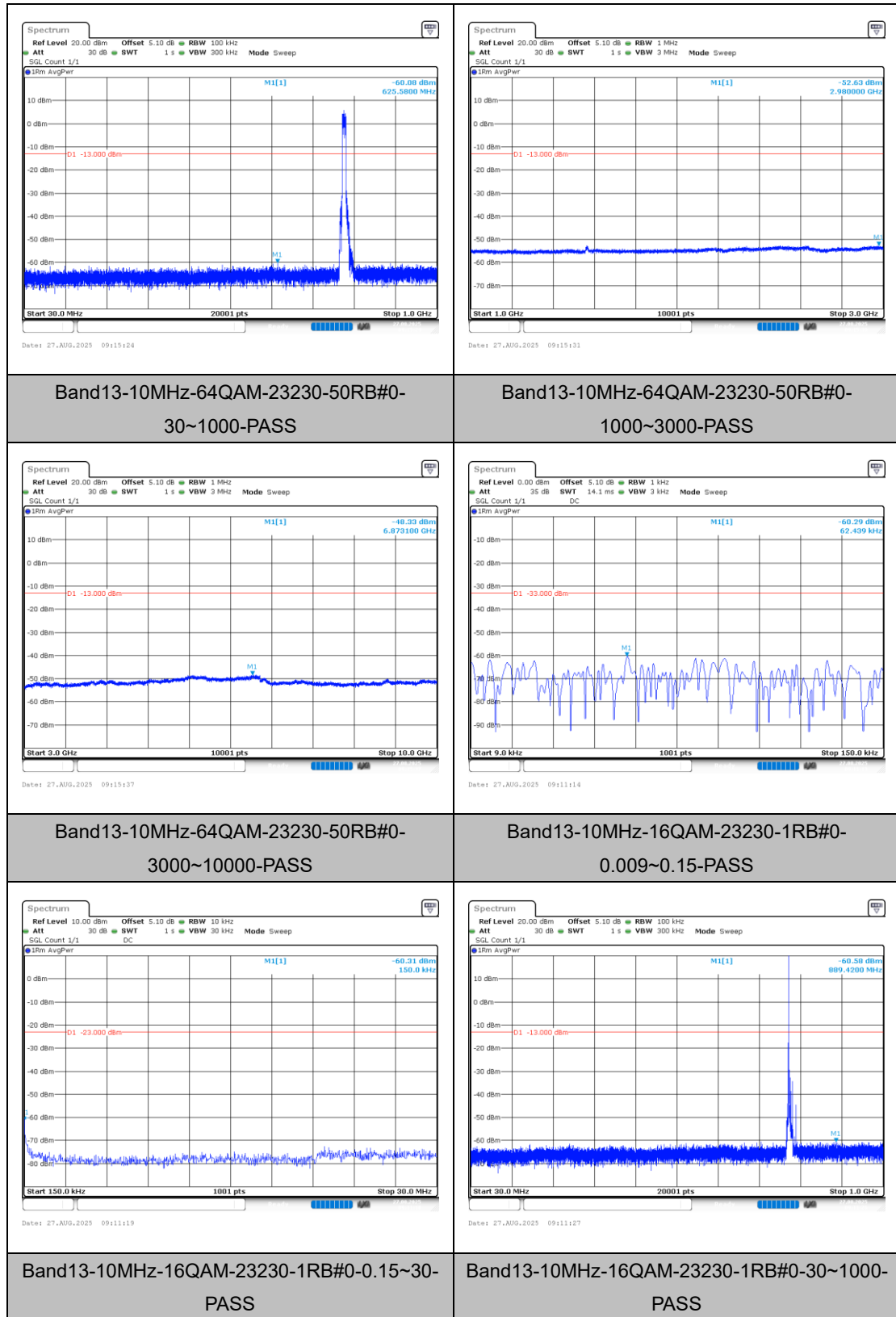


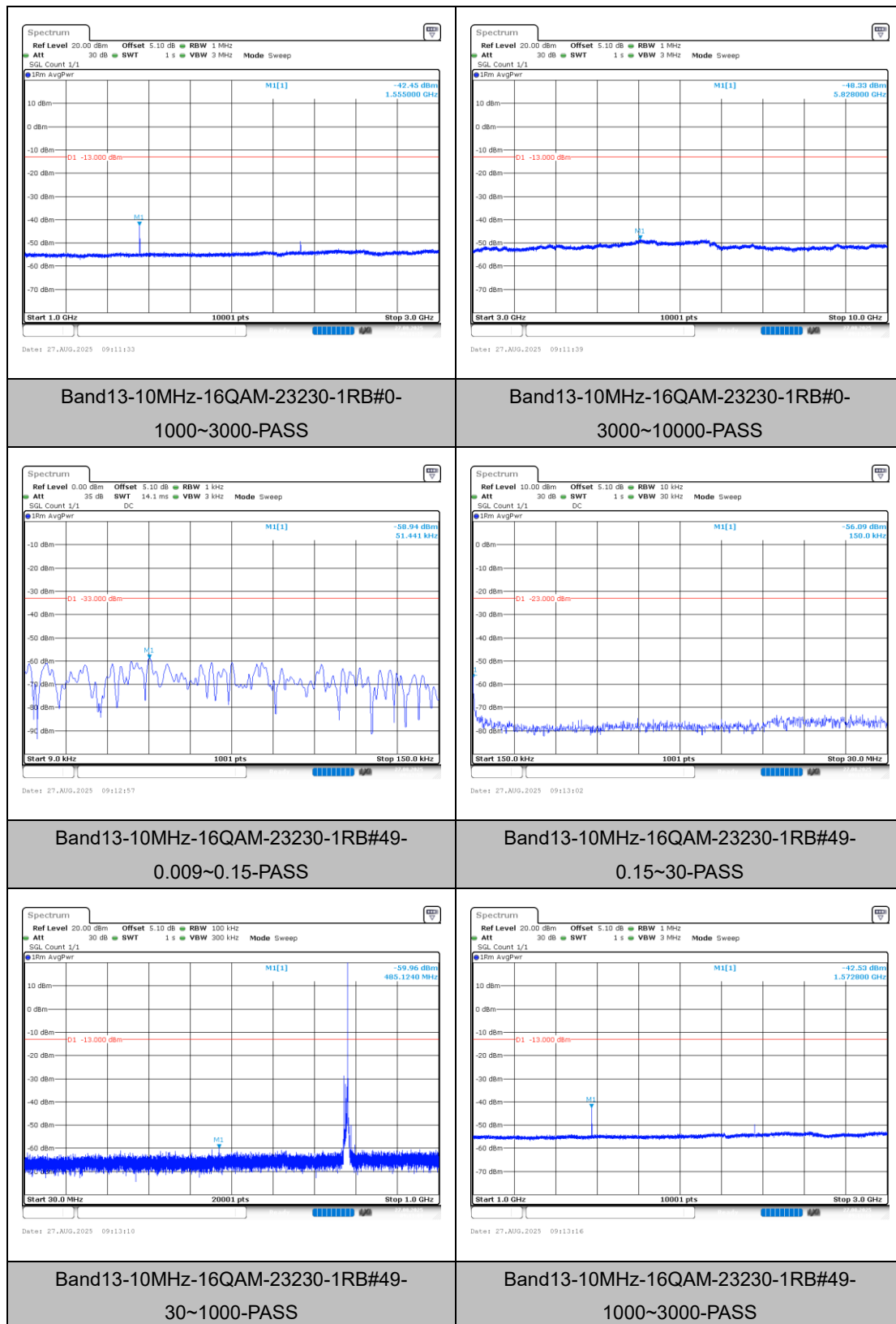


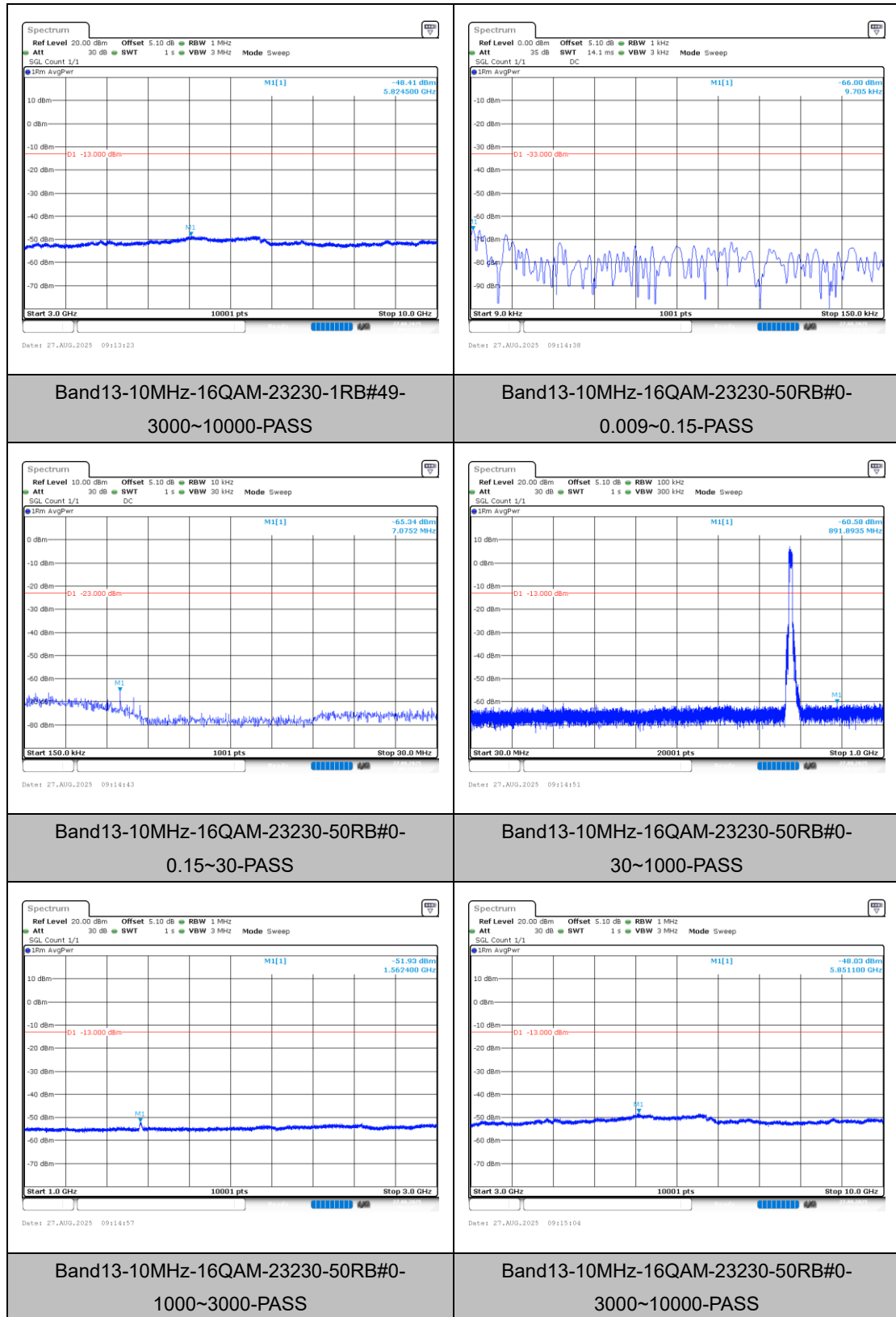












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	VN	NT	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	VL	NT	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	VH	NT	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-10000.00	-12.787724	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	VN	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	VL	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	VH	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	VL	NT	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	VH	NT	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	5000.00	6.373486	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	VN	NT	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	VL	NT	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	VH	NT	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	10000.00	12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	0.00	0.000000	±NA	PASS

Band13	10MHz	16QAM	23230	50RB#0	VH	NT	0.00	0.000000	±NA	PASS
--------	-------	-------	-------	--------	----	----	------	----------	-----	------

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	-30	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	-20	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	-10	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	0	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	10	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	20	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	30	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	40	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	50	-5000.00	-6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	5000.00	6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	5000.00	6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	5000.00	6.414368	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-10000.00	-12.787724	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-10000.00	-12.787724	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-10000.00	-12.787724	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-5000.00	-6.393862	±NA	PASS

Band13	5MHz	64QAM	23230	25RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	-20	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	-10	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	0	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	10	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	20	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	40	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	50	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-5000.00	-6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	-30	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	-20	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	-10	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	30	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	50	-5000.00	-6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	0.00	0.000000	±NA	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	10000.00	12.746973	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	5000.00	6.373486	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	10000.00	12.787724	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	10000.00	12.787724	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	0.00	0.000000	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-30	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-20	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-10	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	0	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	10	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	30	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	40	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	50	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	10000.00	12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	10000.00	12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	10000.00	12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	10000.00	12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	10000.00	12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	10000.00	12.787724	±NA	PASS
