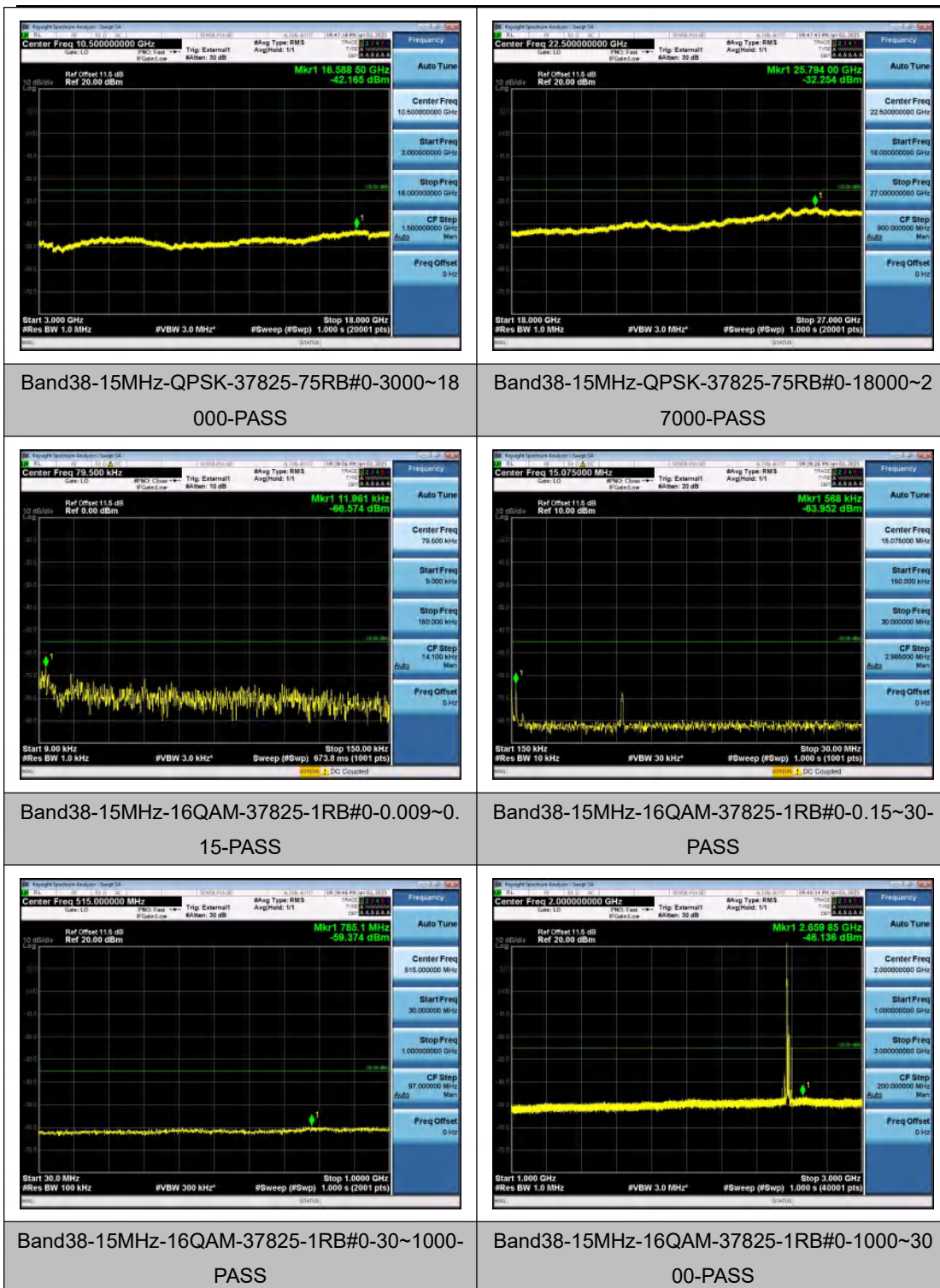
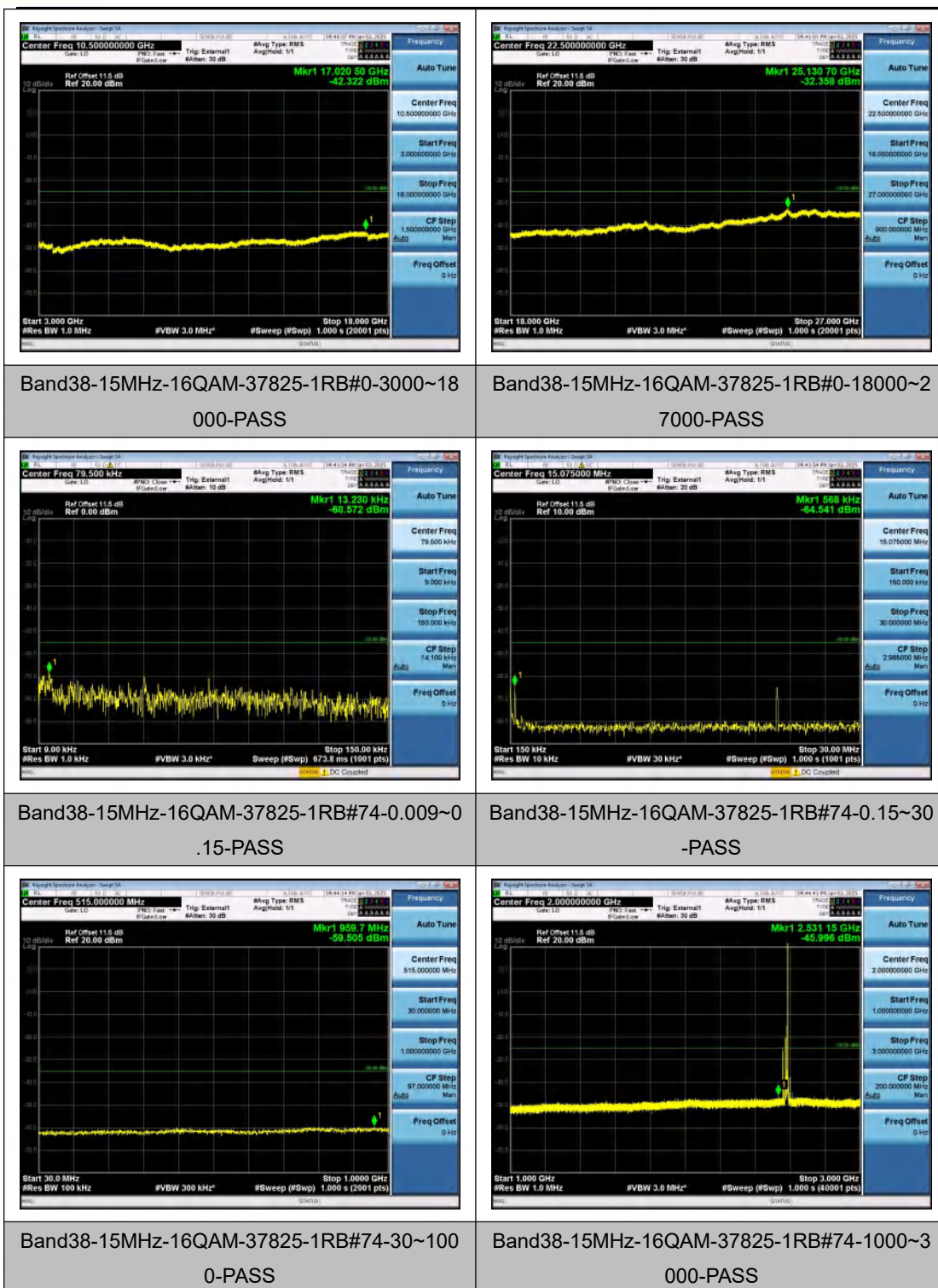
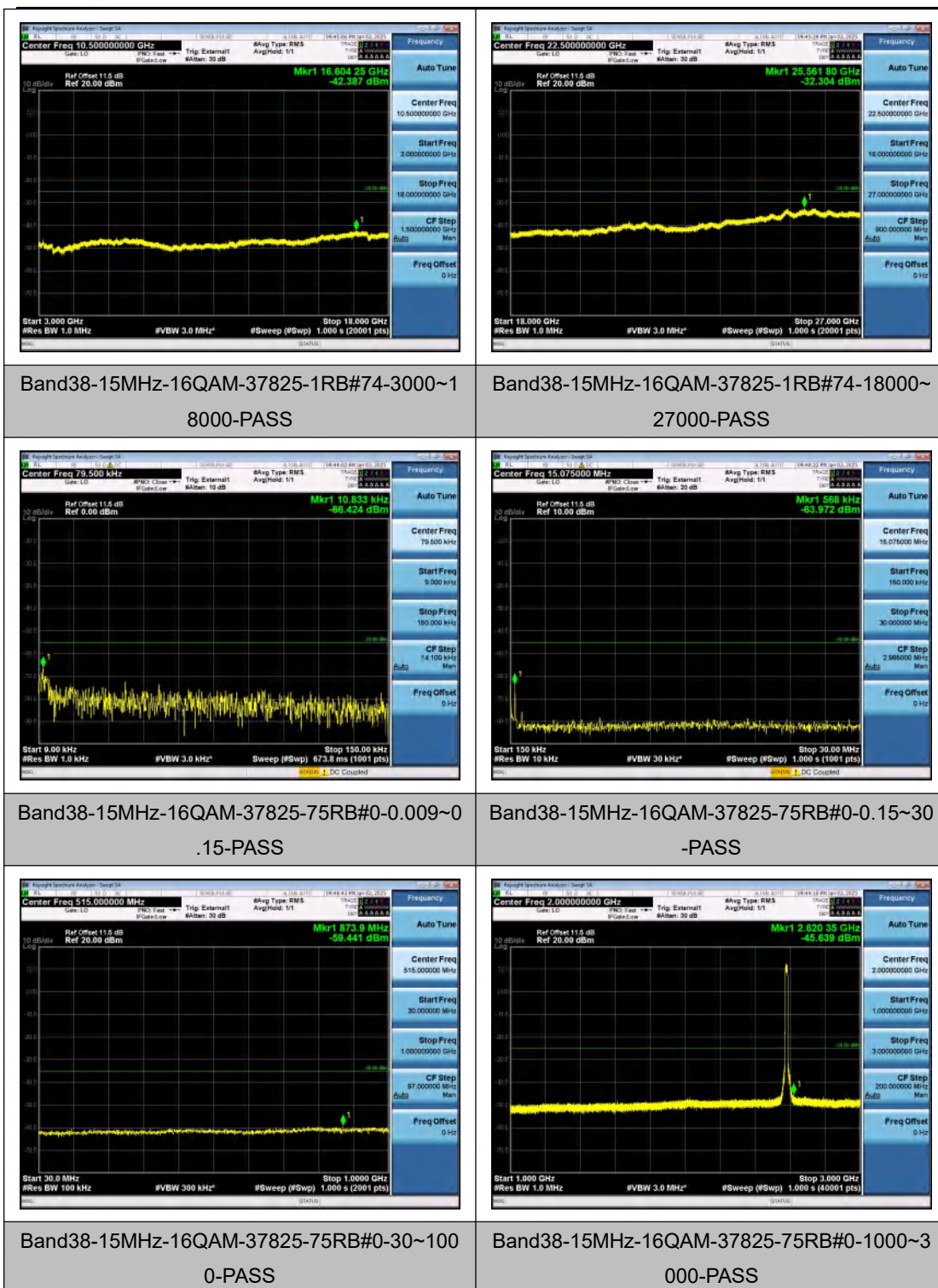
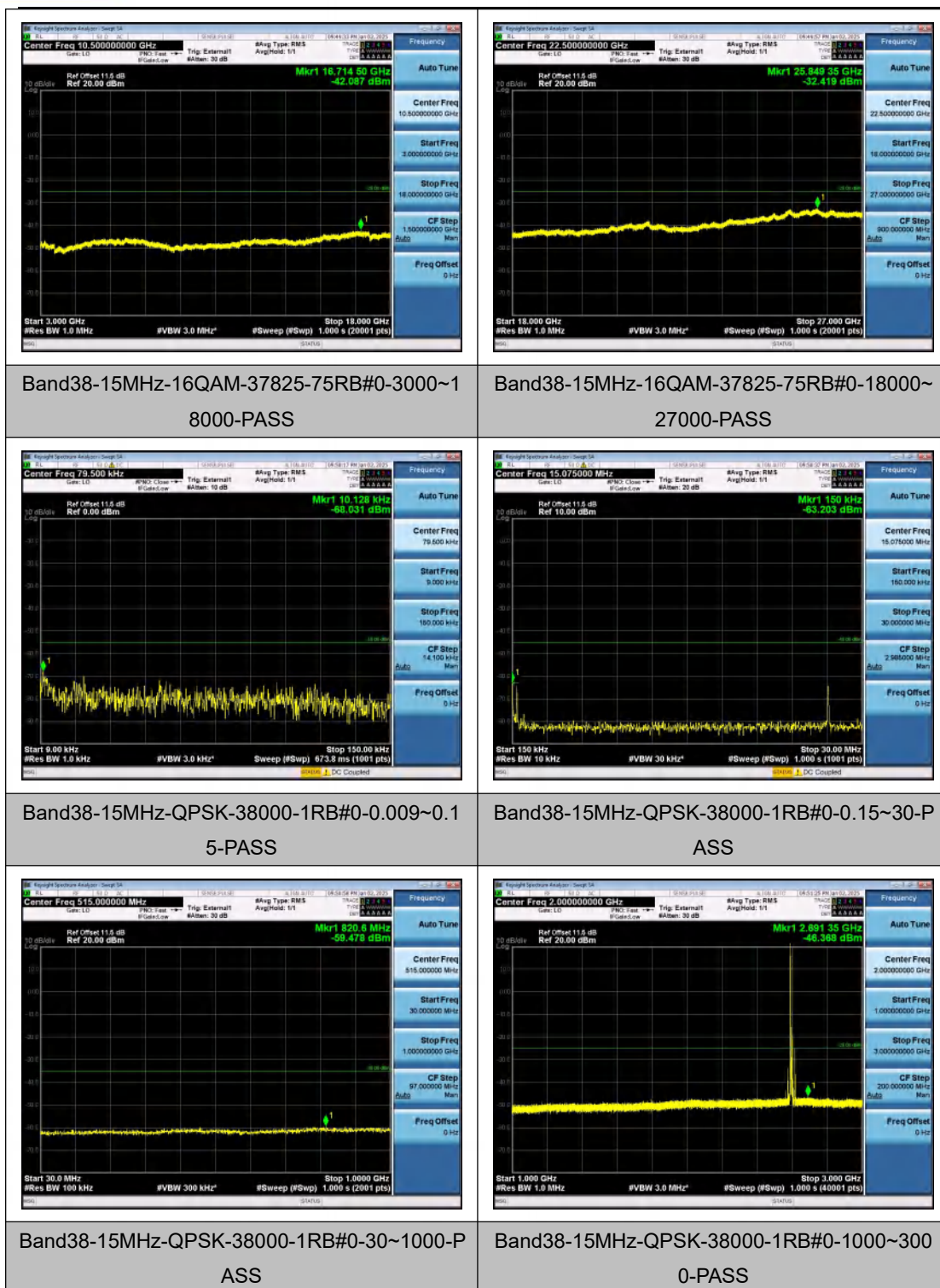


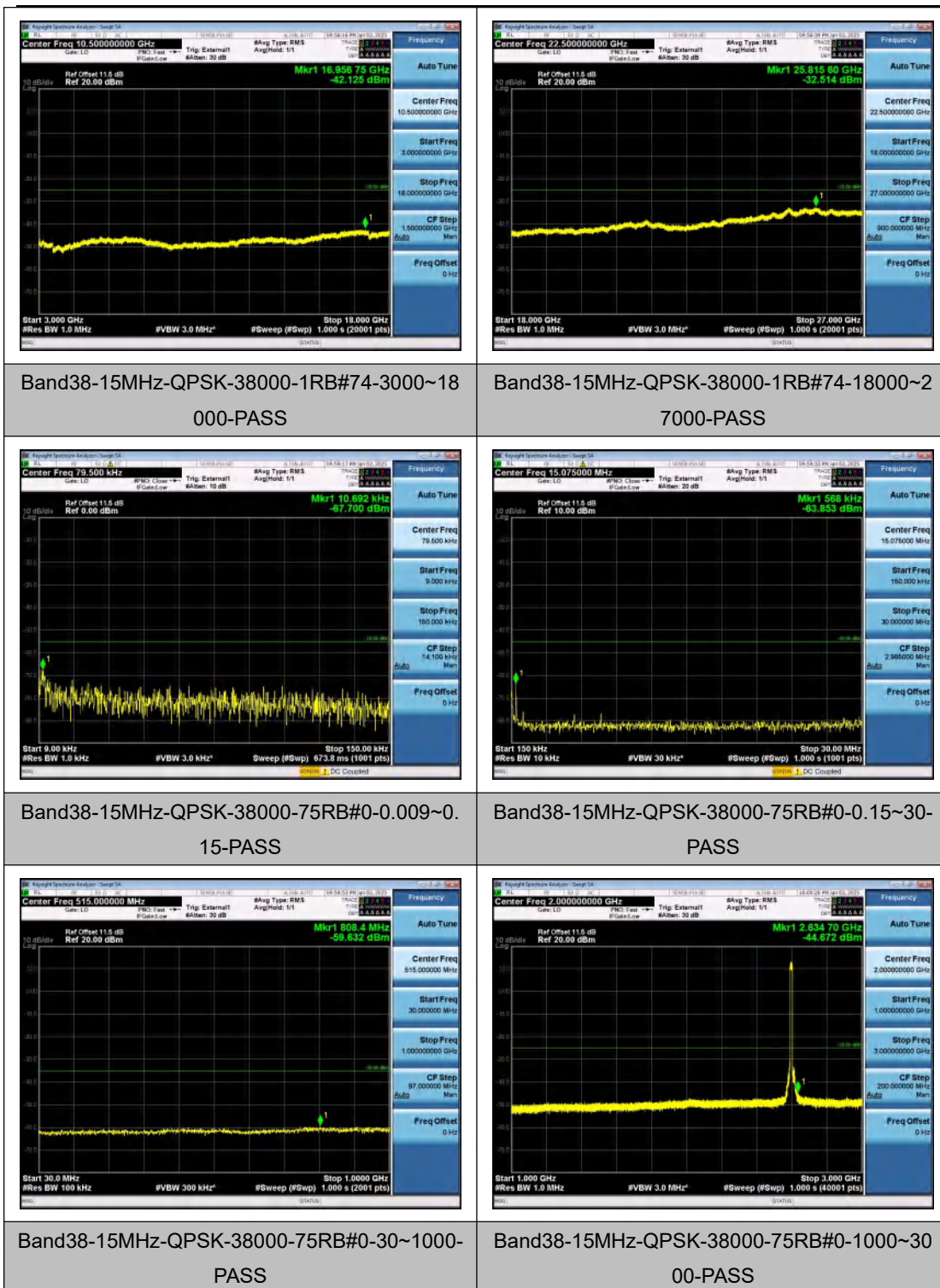




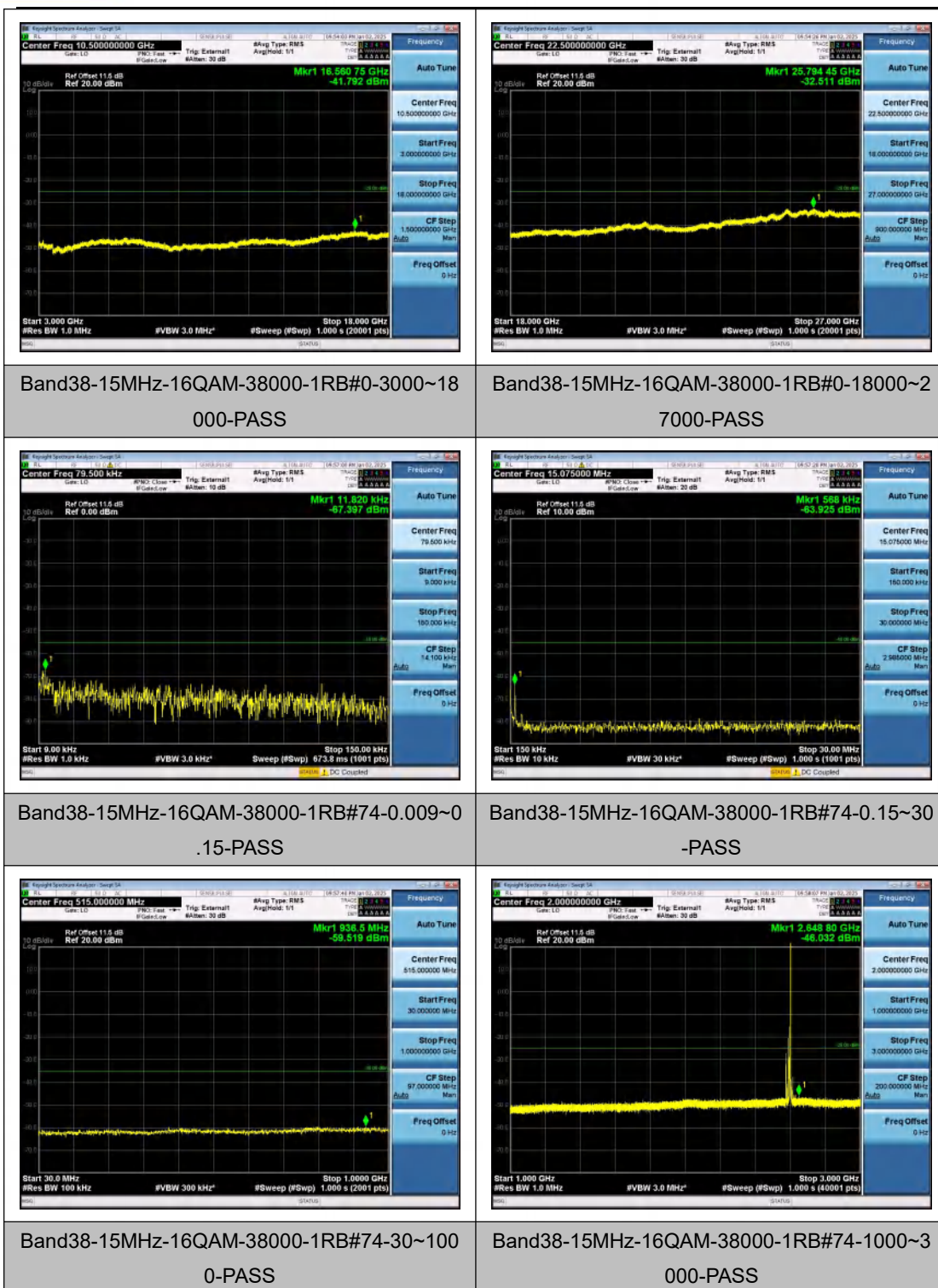


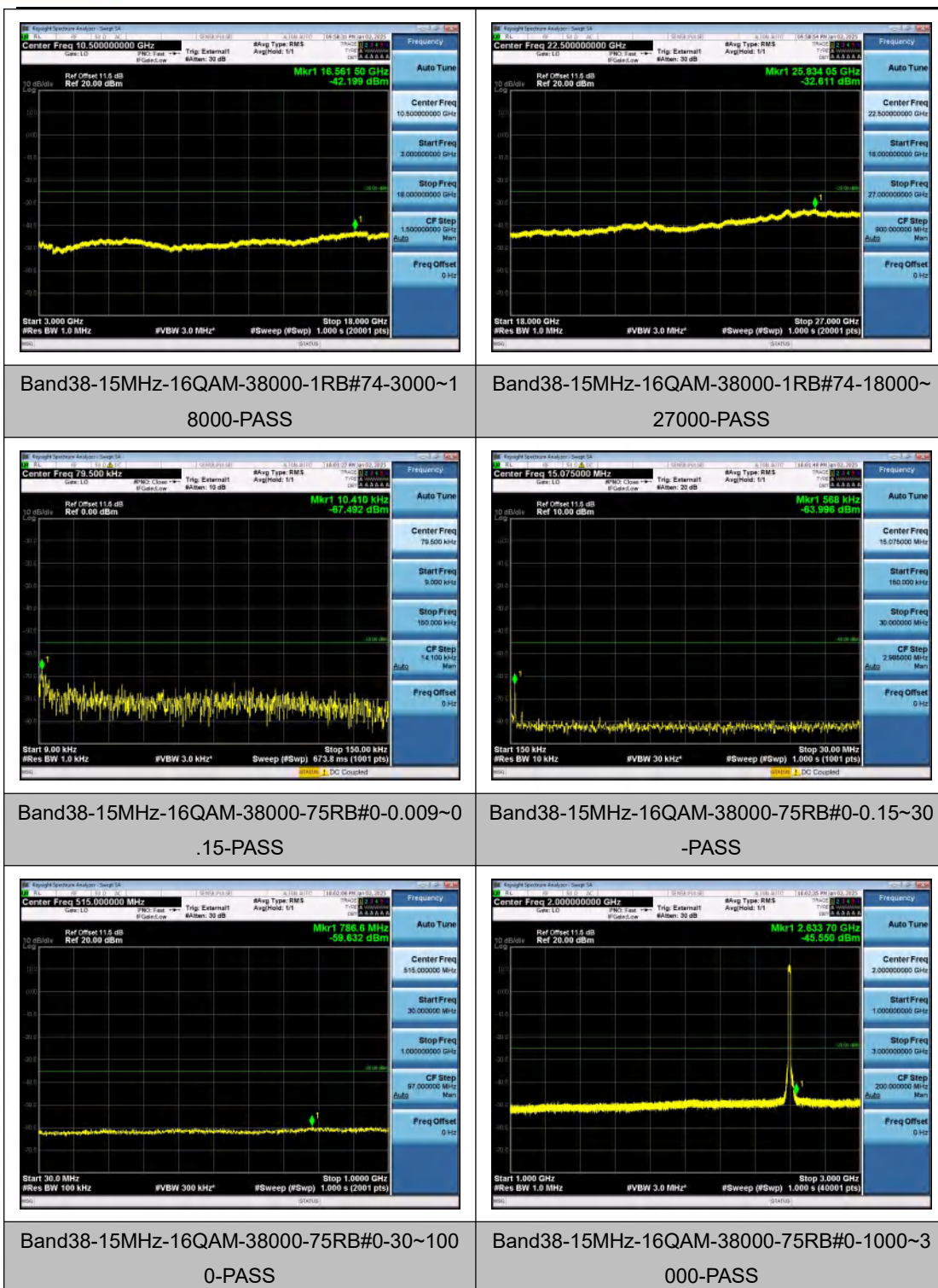


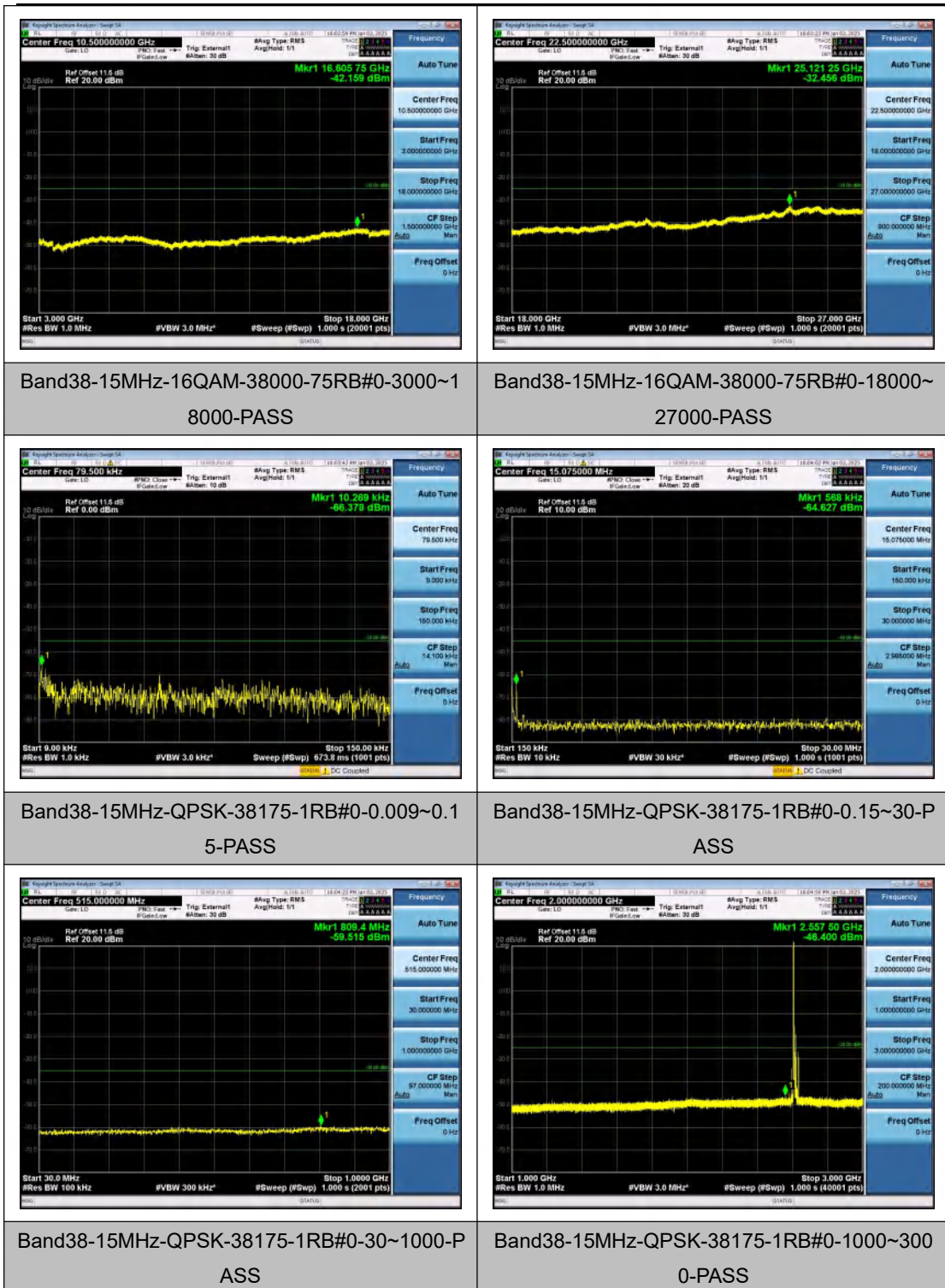
Center Freq 10.50000000 GHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 16.945 00 GHz -42.163 dBm Start 3.000 GHz Stop 18.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep (#Swp) 1.000 s (2001 pts)	Center Freq 22.50000000 GHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 25.824 80 GHz -32.539 dBm Start 18.000 GHz Stop 27.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep (#Swp) 1.000 s (2001 pts)
Band38-15MHz-QPSK-38000-1RB#0-3000~180 00-PASS	Band38-15MHz-QPSK-38000-1RB#0-18000~27 000-PASS
Center Freq 10.50000000 MHz Ref Offset 11.5 dB Ref 0.00 dBm Mkr1 10.533 kHz -66.193 dBm Start 0.00 kHz Stop 150.000 kHz #Res BW 1.0 kHz #VBW 3.0 kHz #Sweep (#Swp) 673.8 ms (1001 pts)	Center Freq 15.07500000 MHz Ref Offset 11.5 dB Ref 10.00 dBm Mkr1 588 kHz -64.194 dBm Start 100 kHz Stop 30.000 MHz #Res BW 10 kHz #VBW 30 kHz #Sweep (#Swp) 1.000 s (1001 pts)
Band38-15MHz-QPSK-38000-1RB#74-0.009~0. 15-PASS	Band38-15MHz-QPSK-38000-1RB#74-0.15~30- PASS
Center Freq 515.00000000 MHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 785.5 MHz -65.275 dBm Start 30.0 MHz Stop 1.000 GHz #Res BW 100 kHz #VBW 300 kHz #Sweep (#Swp) 1.000 s (2001 pts)	Center Freq 2.0000000000 GHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 2.685 30 GHz -46.262 dBm Start 1.000 GHz Stop 3.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep (#Swp) 1.000 s (4001 pts)
Band38-15MHz-QPSK-38000-1RB#74-30~1000- PASS	Band38-15MHz-QPSK-38000-1RB#74-1000~30 00-PASS

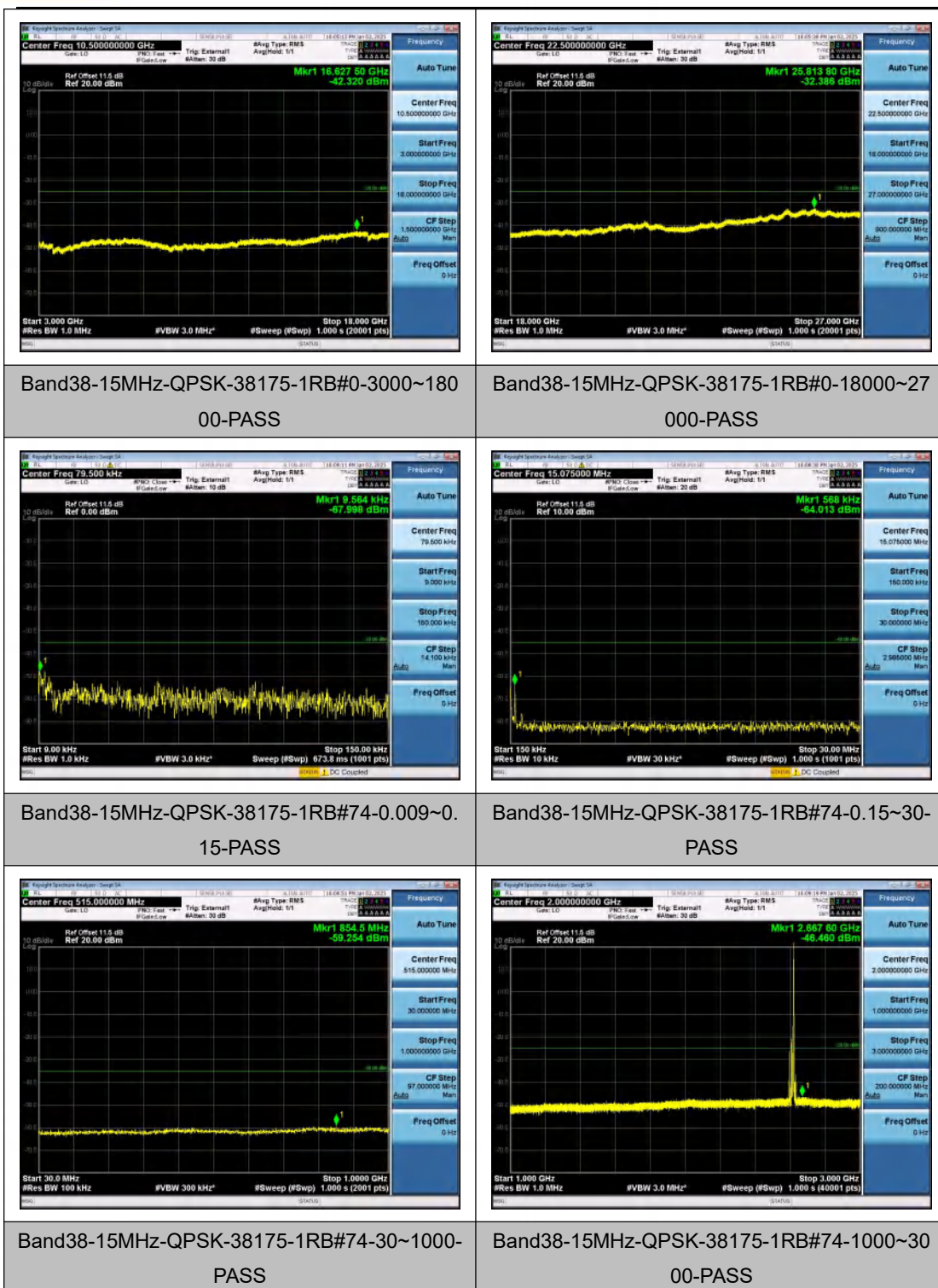


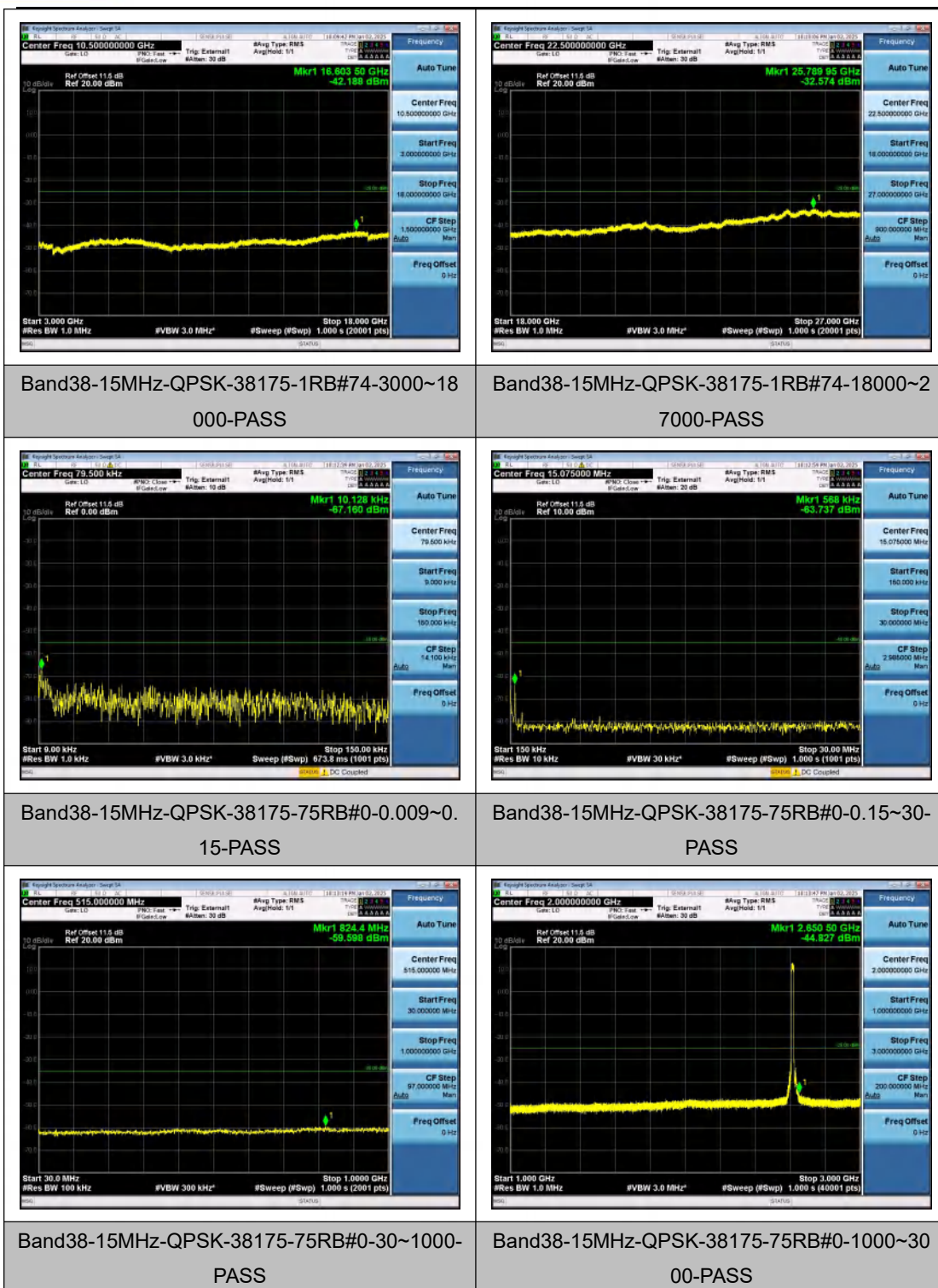
Center Freq 16.898000 GHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 16.898 00 GHz -42.209 dBm Start 3.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep (#Swp) 1.000 s (2001 pts)	Center Freq 25.83630 GHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 25.836 30 GHz -32.455 dBm Start 18.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep (#Swp) 1.000 s (2001 pts)
Band38-15MHz-QPSK-38000-75RB#0-3000~18000-PASS	Band38-15MHz-QPSK-38000-75RB#0-18000~27000-PASS
Center Freq 10.574 kHz Ref Offset 11.5 dB Ref 0.00 dBm Mkr1 10.574 kHz -66.590 dBm Start 0.000 kHz #Res BW 1.0 kHz #VBW 3.0 kHz #Sweep (#Swp) 673.8 ms (1001 pts)	Center Freq 588 kHz Ref Offset 11.5 dB Ref 10.00 dBm Mkr1 588 kHz -64.131 dBm Start 100 kHz #Res BW 10 kHz #VBW 30 kHz #Sweep (#Swp) 1.000 s (1001 pts)
Band38-15MHz-16QAM-38000-1RB#0-0.009~0.15-PASS	Band38-15MHz-16QAM-38000-1RB#0-0.15~30-PASS
Center Freq 778.4 MHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 778.4 MHz -69.612 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz #Sweep (#Swp) 1.000 s (2001 pts)	Center Freq 2.649 GHz Ref Offset 11.5 dB Ref 20.00 dBm Mkr1 2.649 GHz -46.206 dBm Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep (#Swp) 1.000 s (4001 pts)
Band38-15MHz-16QAM-38000-1RB#0-30~1000-PASS	Band38-15MHz-16QAM-38000-1RB#0-1000~3000-PASS

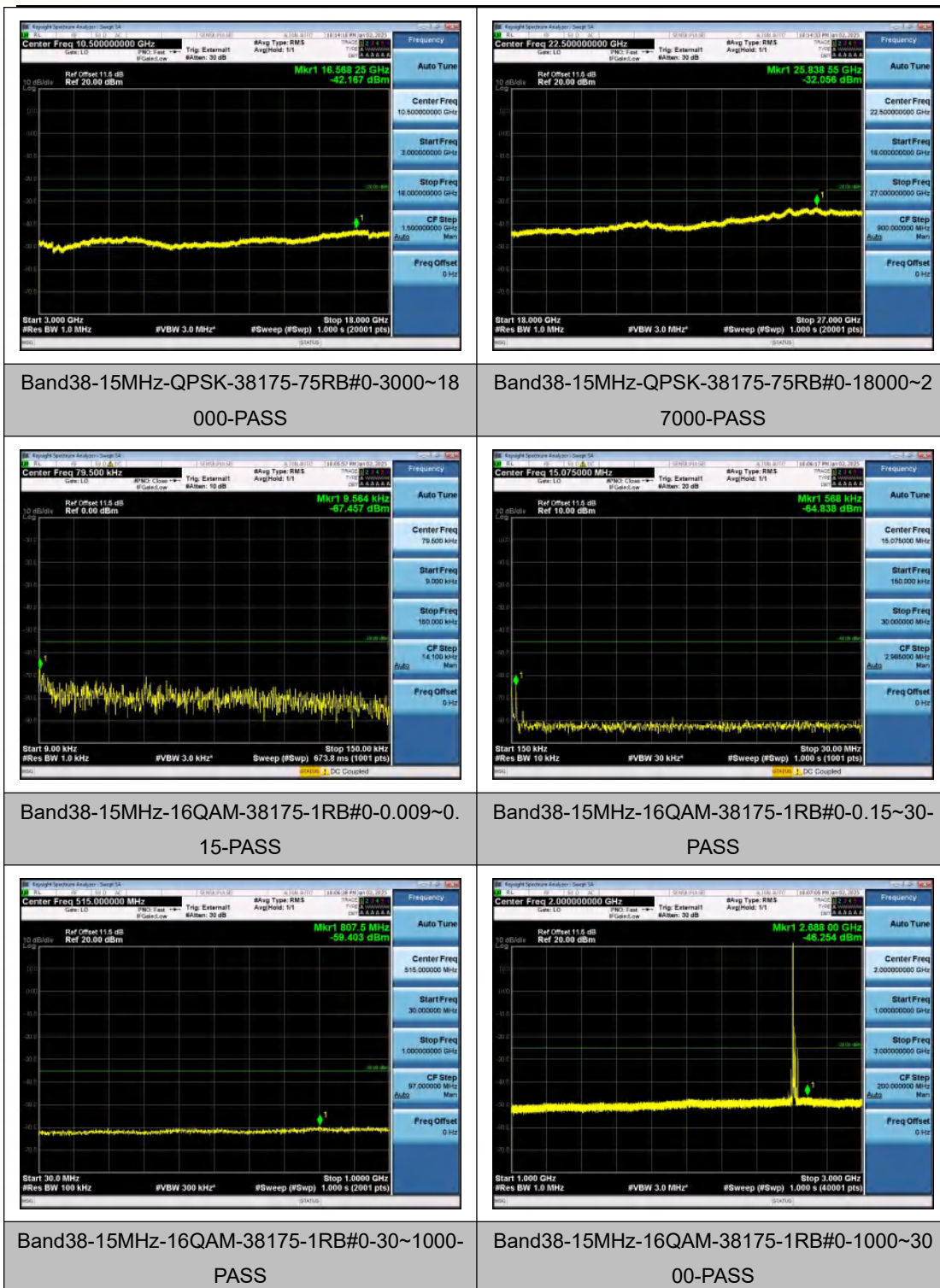


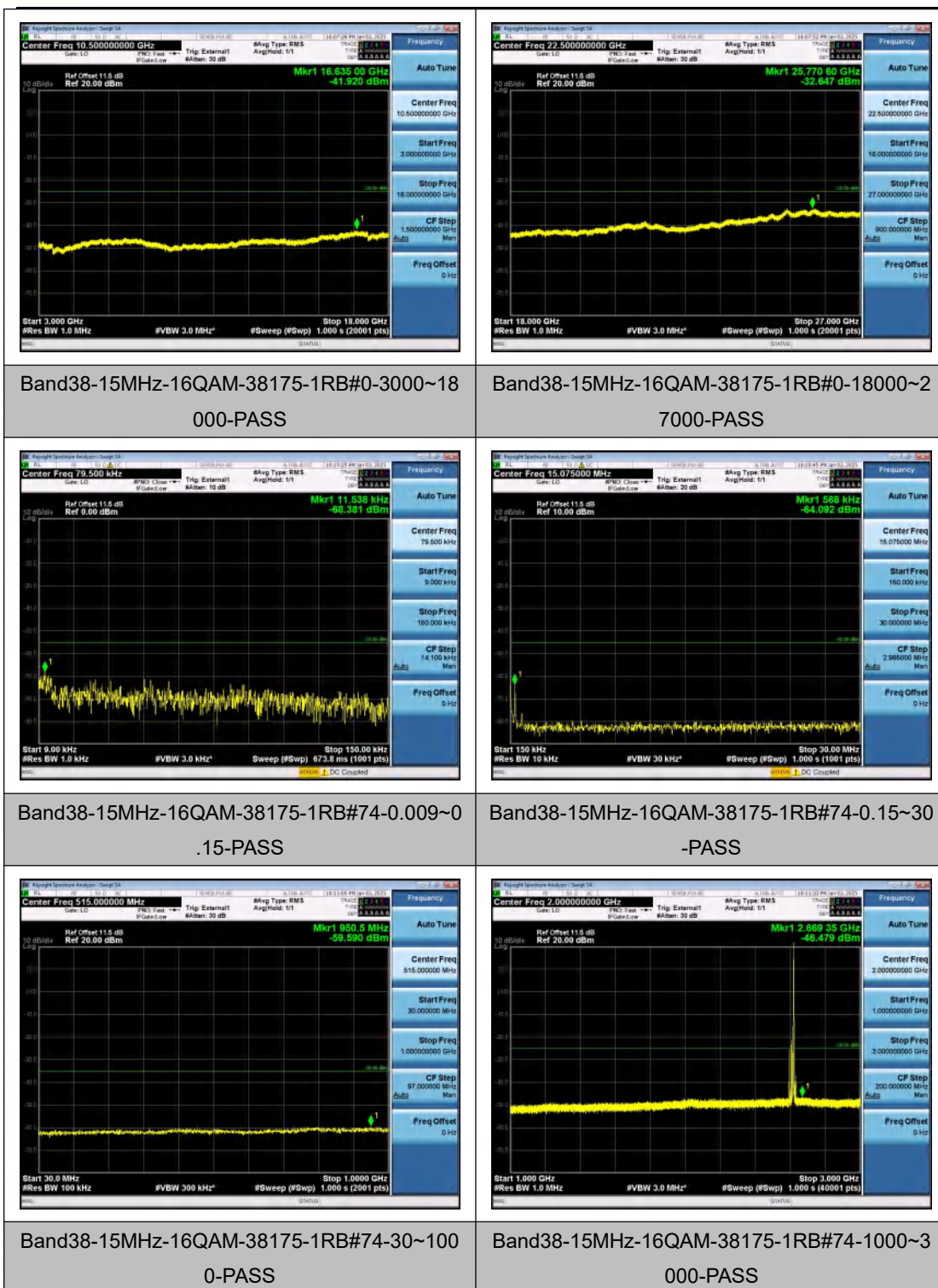


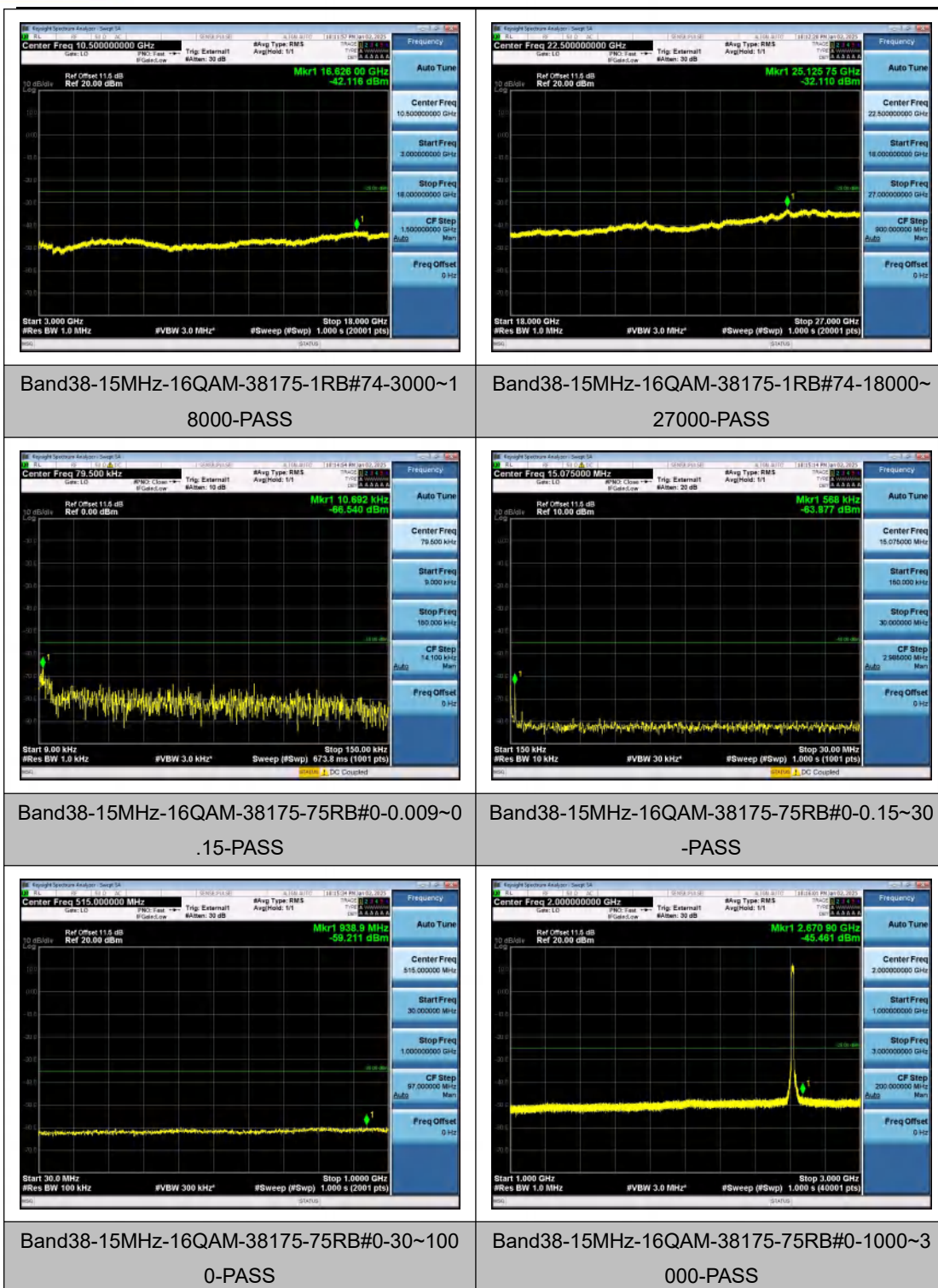


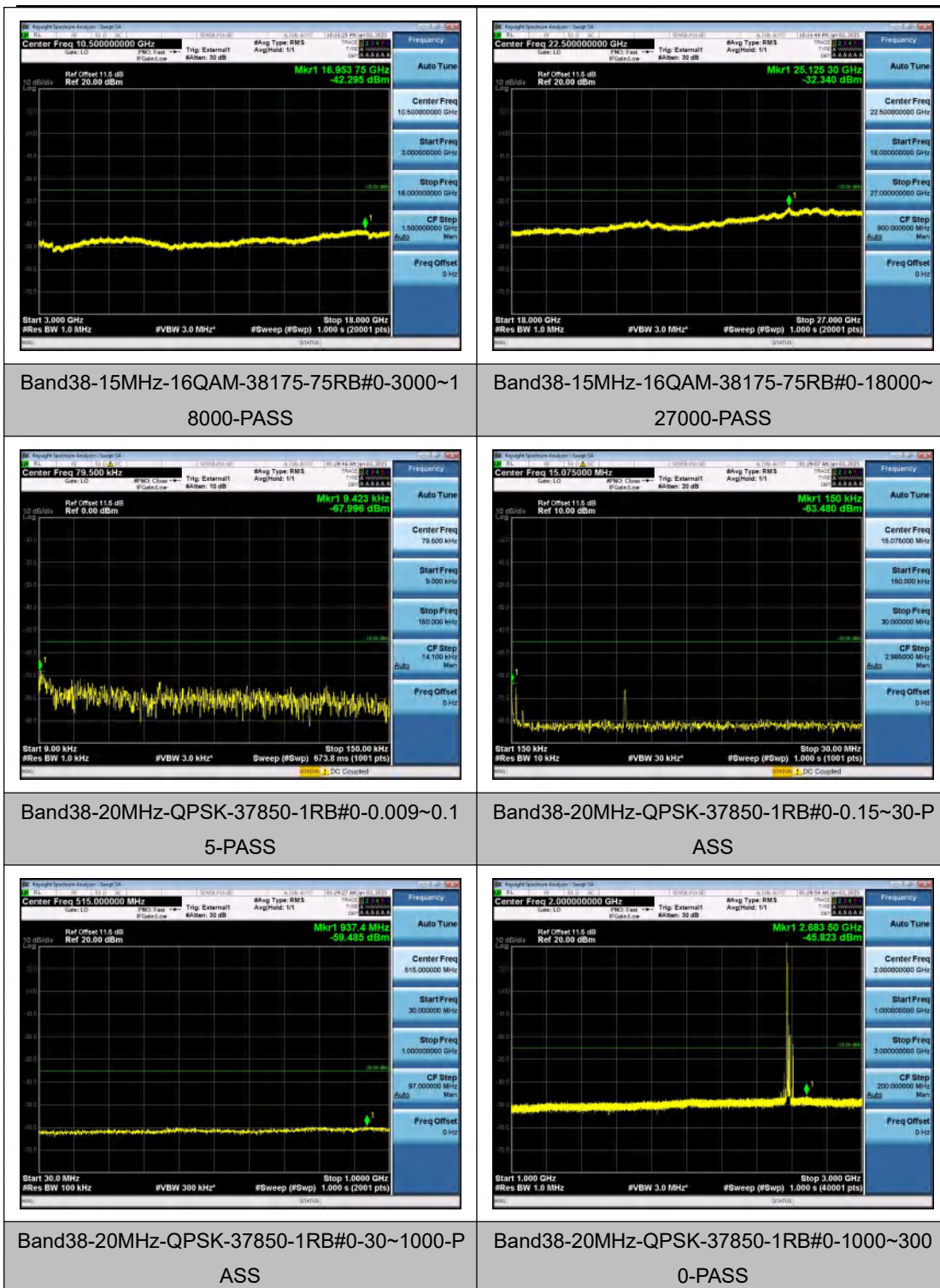


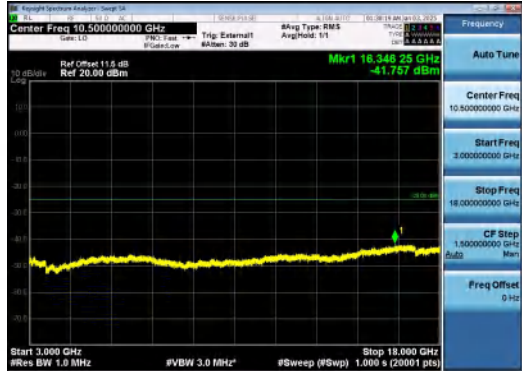
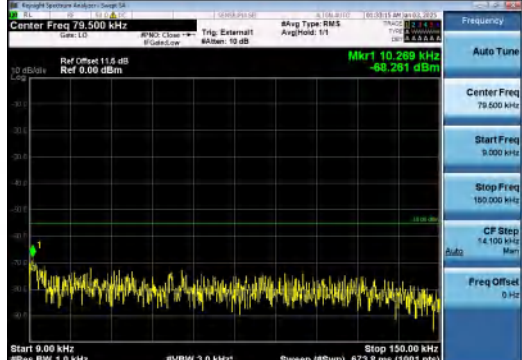
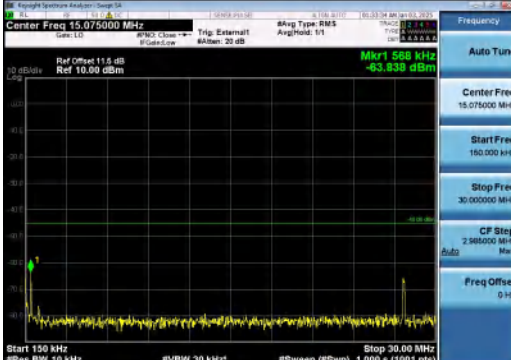
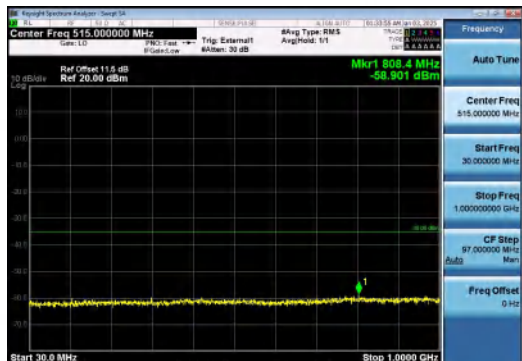
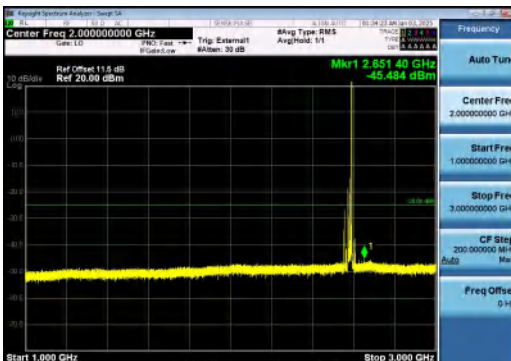


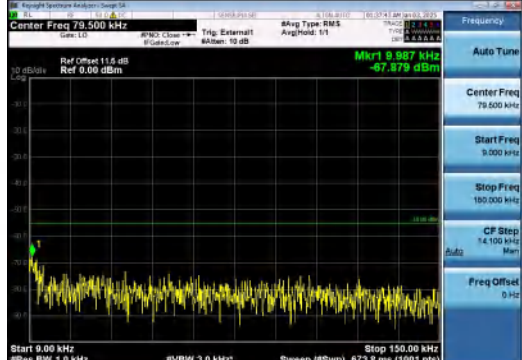
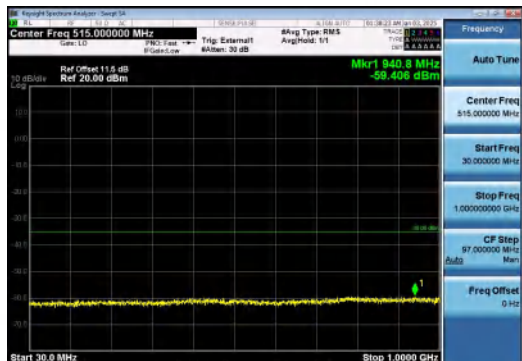
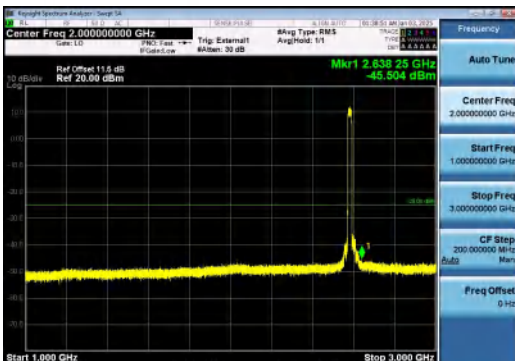


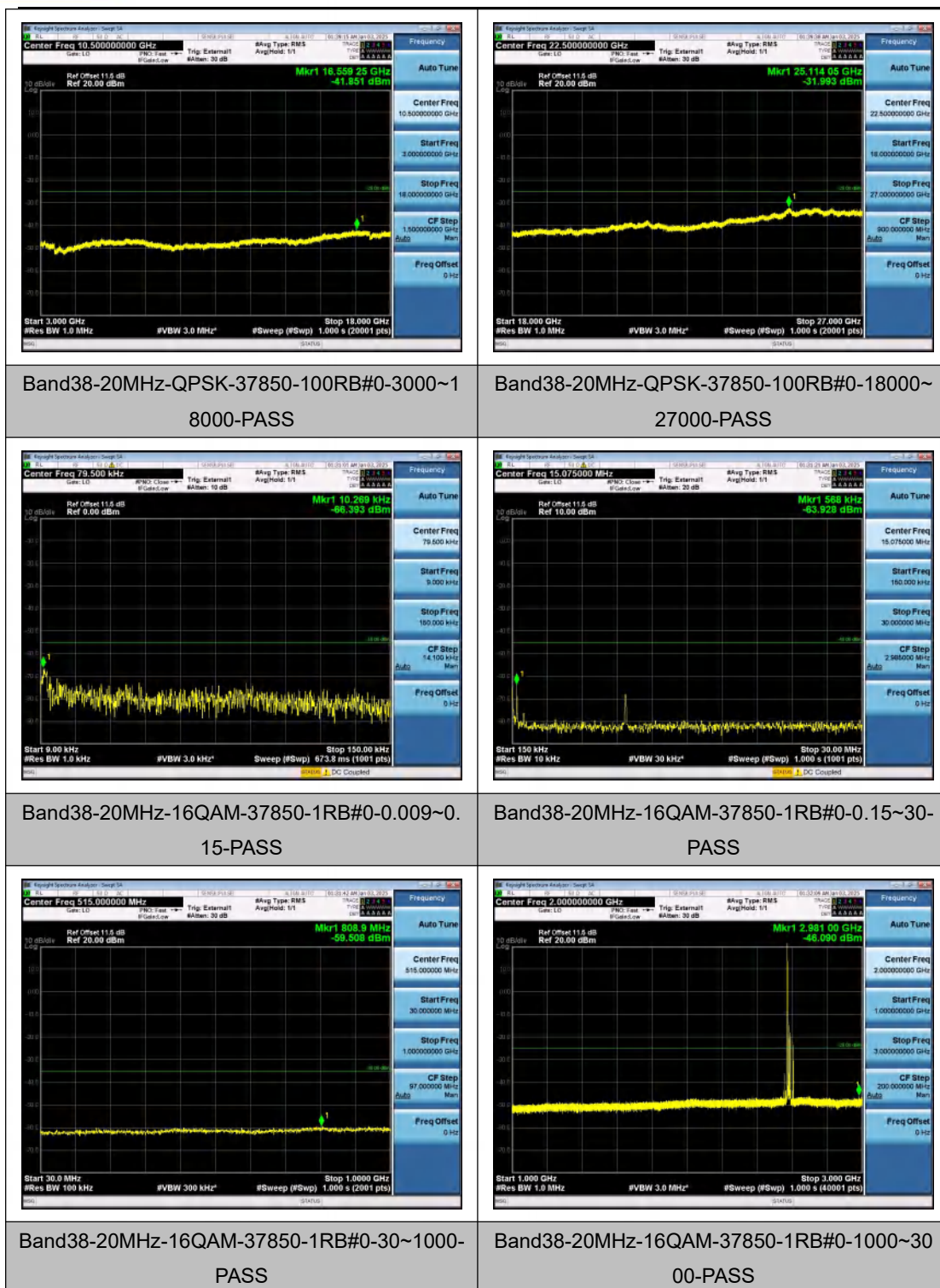


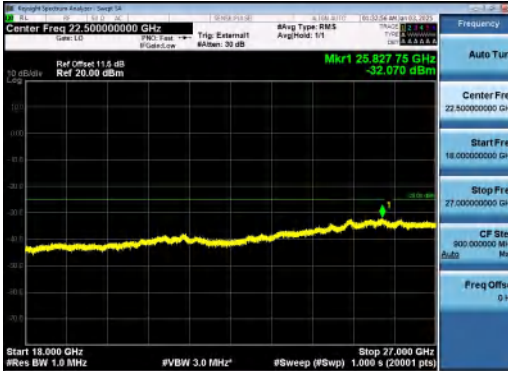
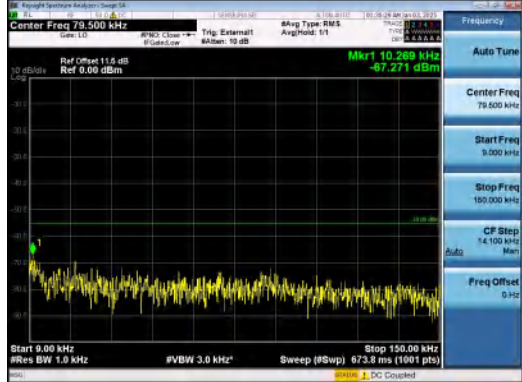
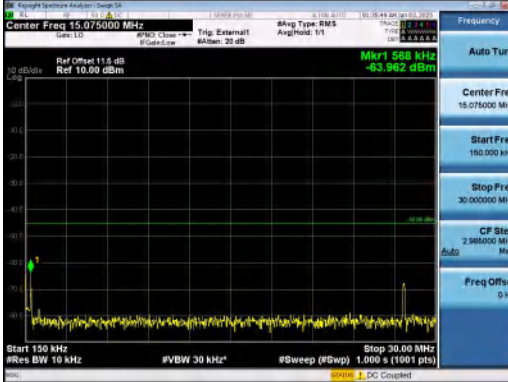
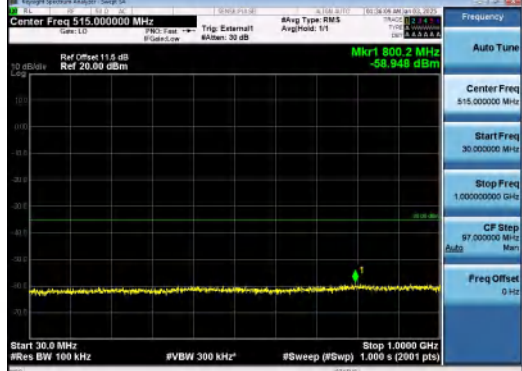
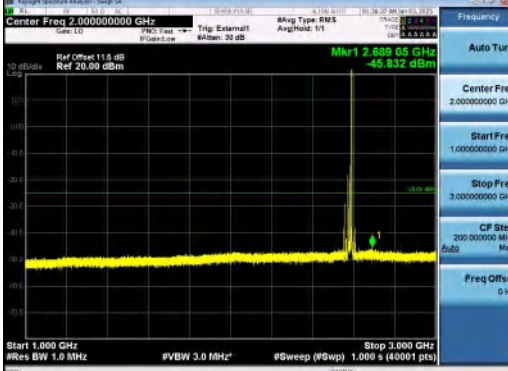


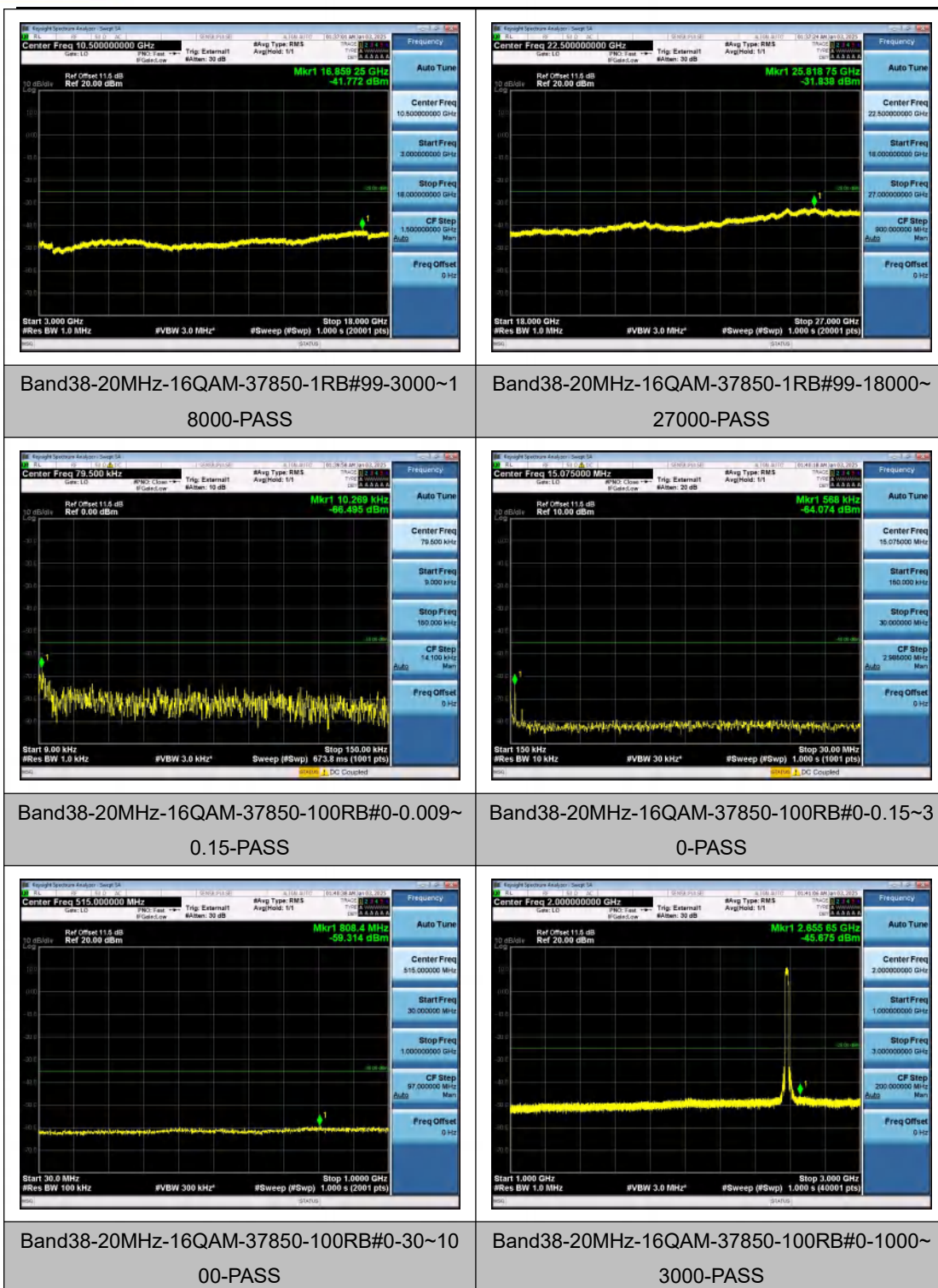


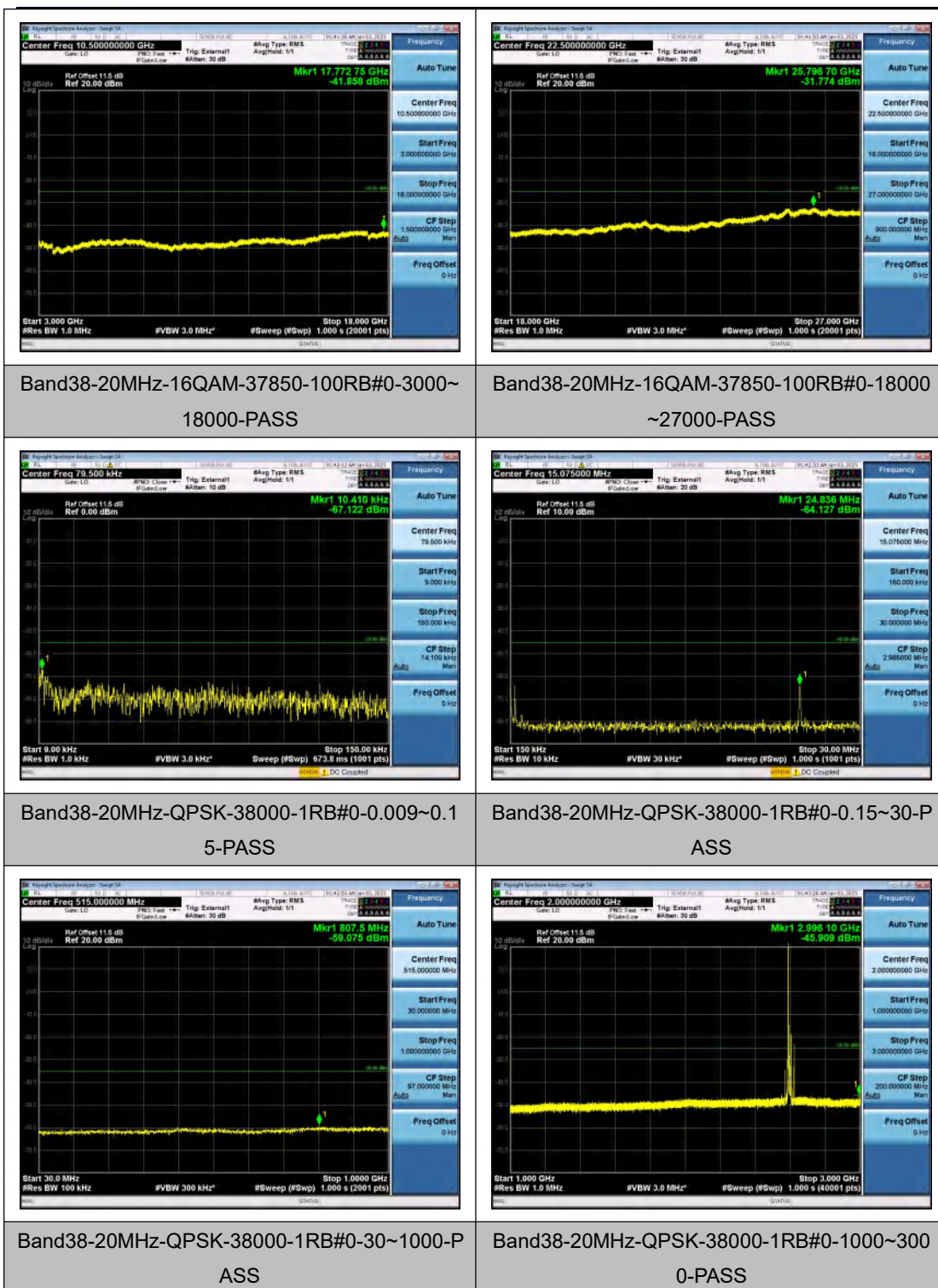
	
Band38-20MHz-QPSK-37850-1RB#0-3000~180 00-PASS	Band38-20MHz-QPSK-37850-1RB#0-18000~27 000-PASS
	
Band38-20MHz-QPSK-37850-1RB#99-0.009~0. 15-PASS	Band38-20MHz-QPSK-37850-1RB#99-0.15~30- PASS
	
Band38-20MHz-QPSK-37850-1RB#99-30~1000- PASS	Band38-20MHz-QPSK-37850-1RB#99-1000~30 00-PASS

	
Band38-20MHz-QPSK-37850-1RB#99-3000~18000-PASS	Band38-20MHz-QPSK-37850-1RB#99-18000~27000-PASS
	
Band38-20MHz-QPSK-37850-100RB#0-0.009~0.15-PASS	Band38-20MHz-QPSK-37850-100RB#0-0.15~30-PASS
	
Band38-20MHz-QPSK-37850-100RB#0-30~1000-PASS	Band38-20MHz-QPSK-37850-100RB#0-1000~3000-PASS

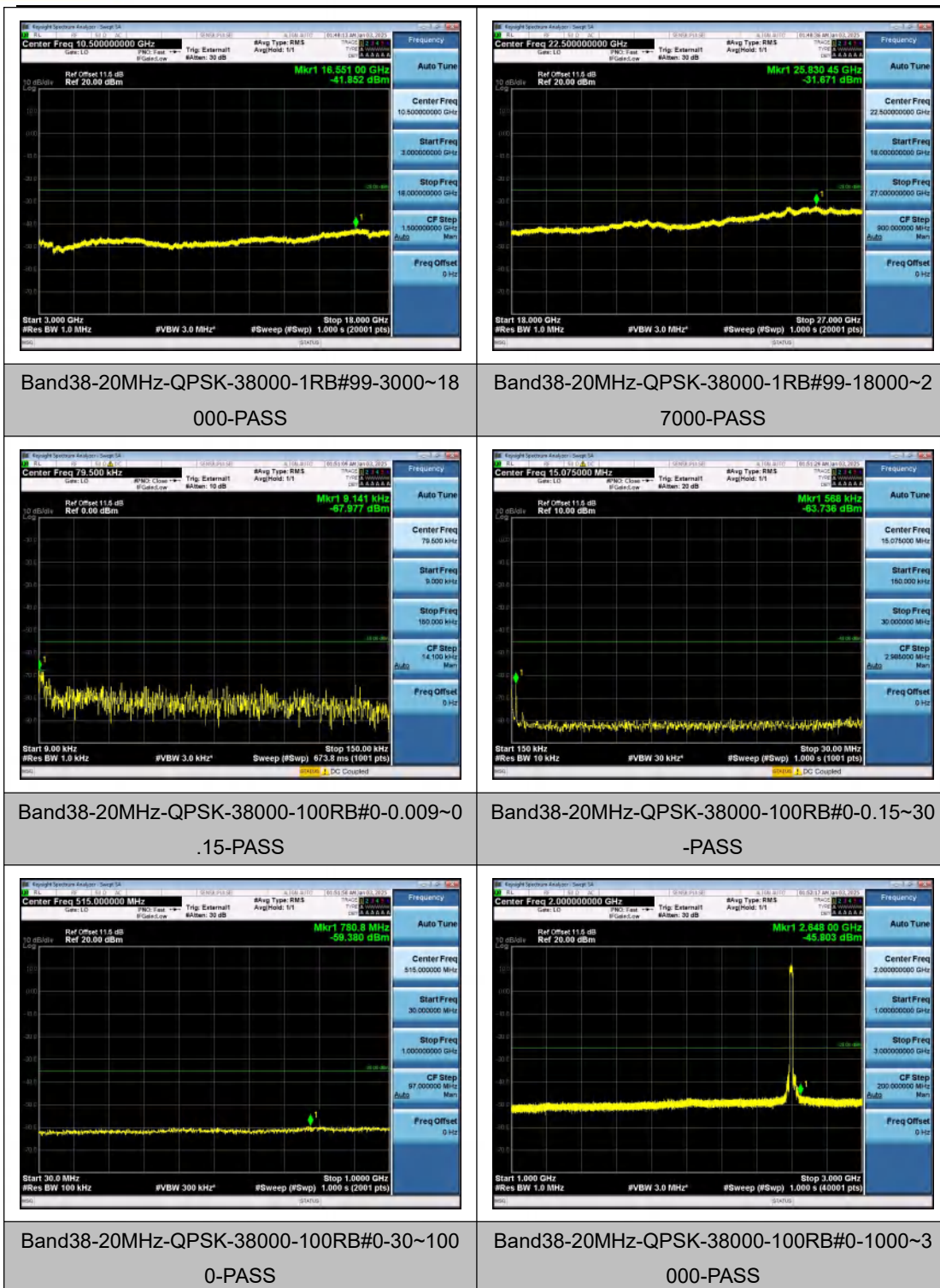


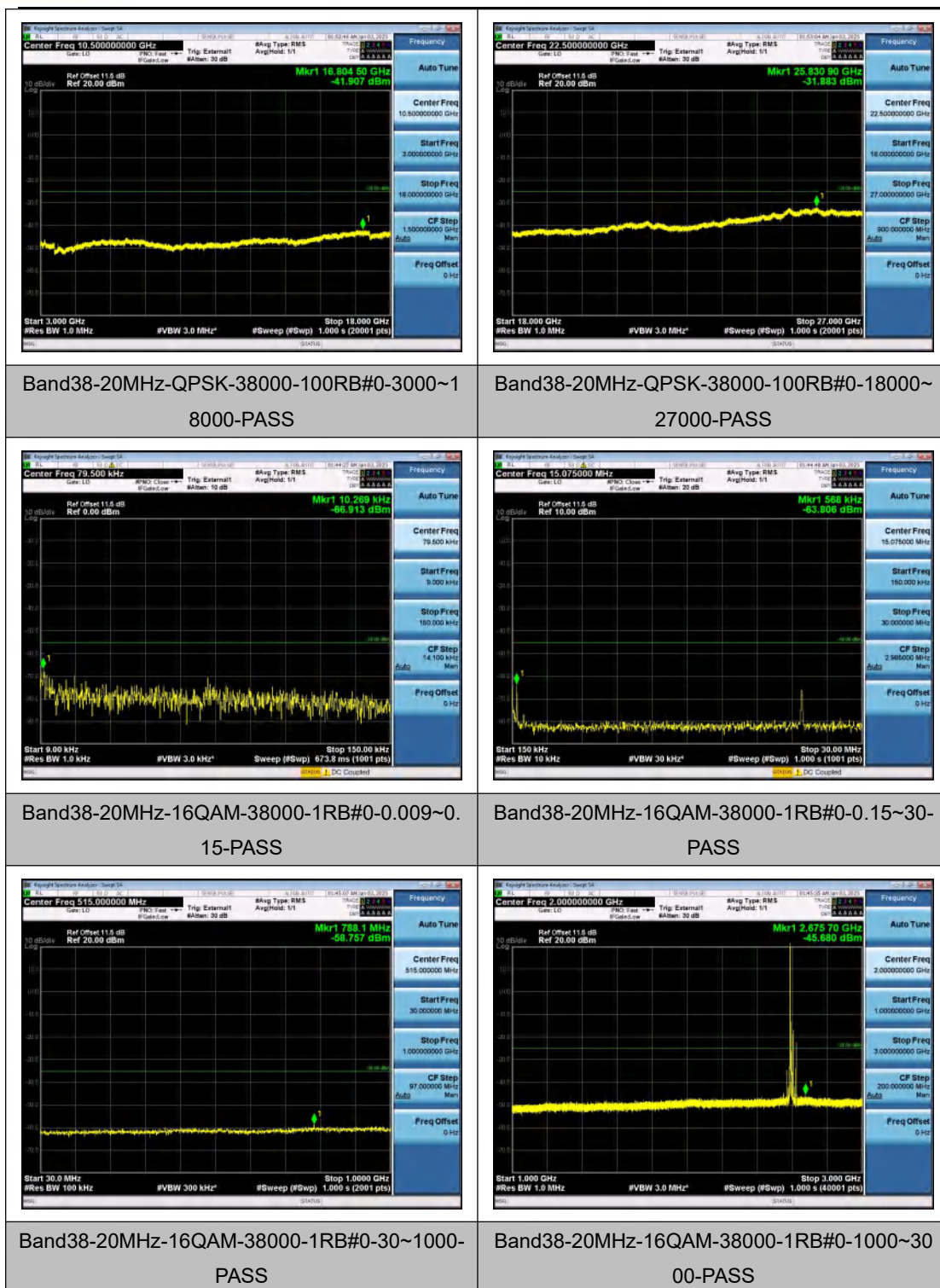
	
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Band38-20MHz-16QAM-37850-1RB#99-0.009~0.15-PASS	Band38-20MHz-16QAM-37850-1RB#99-0.15~30-PASS
	
Band38-20MHz-16QAM-37850-1RB#99-30~1000-PASS	Band38-20MHz-16QAM-37850-1RB#99-1000~3000-PASS

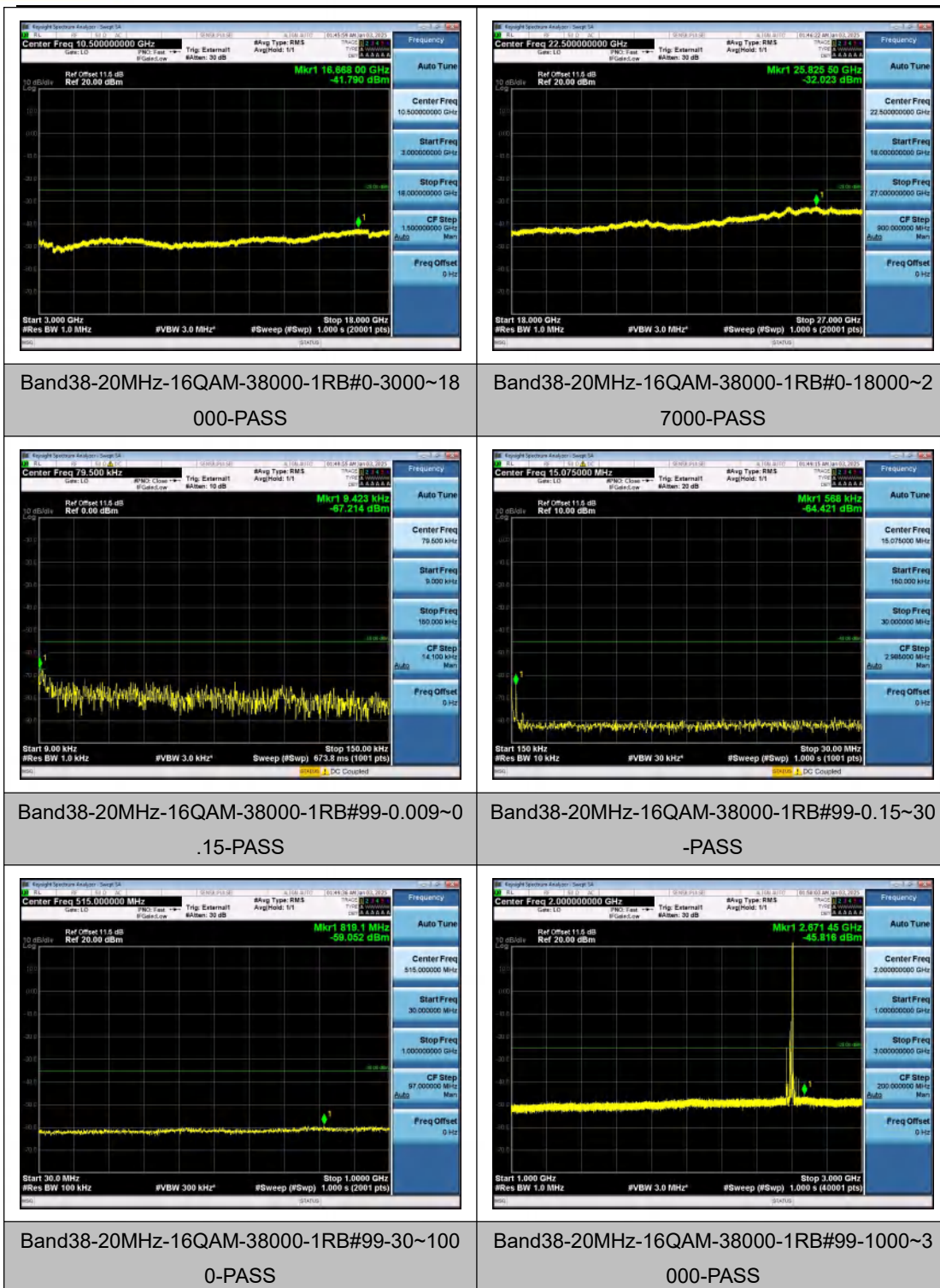


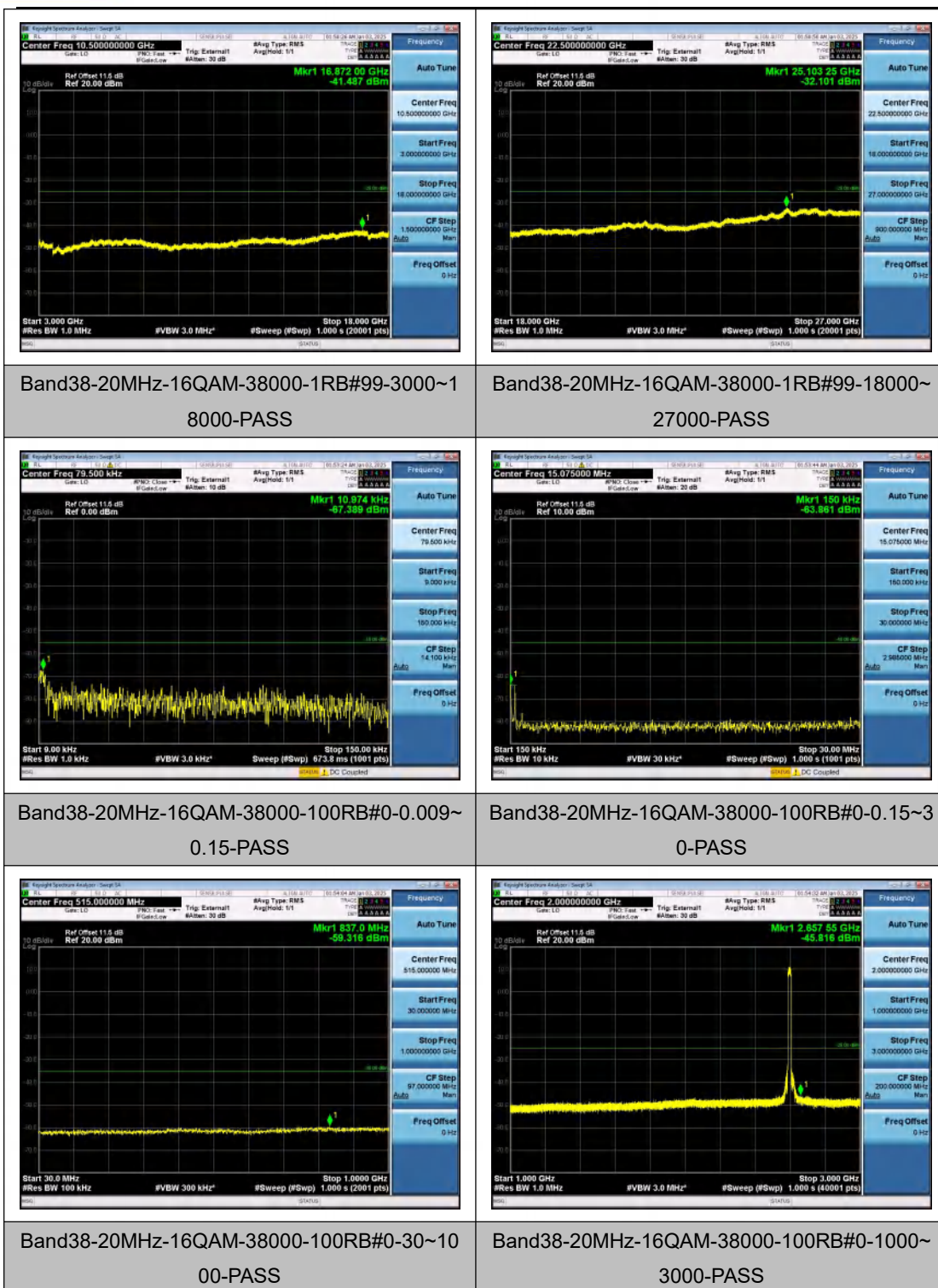


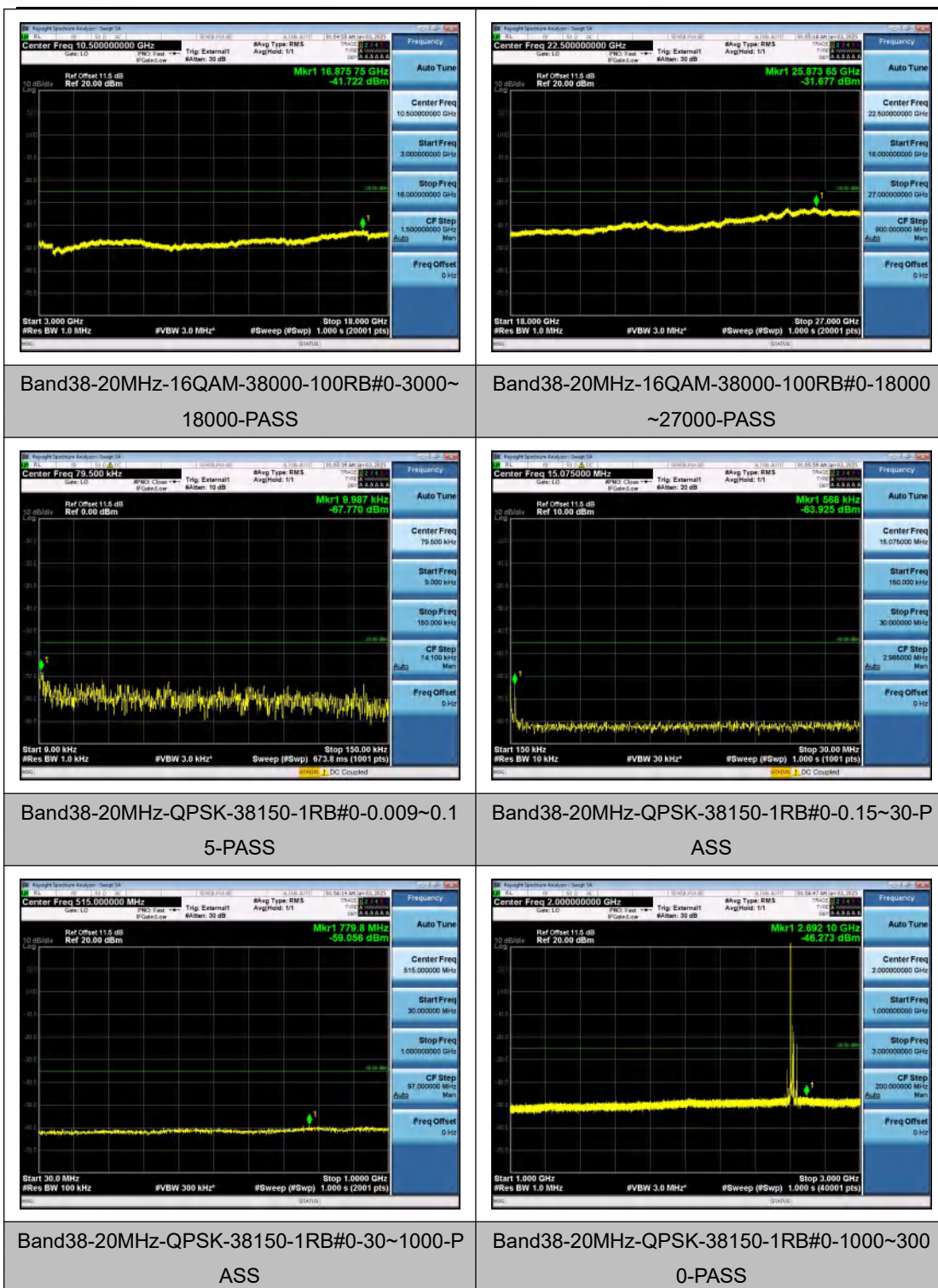
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Band38-20MHz-QPSK-38000-1RB#99-0.009~0. 15-PASS	Band38-20MHz-QPSK-38000-1RB#99-0.15~30- PASS
Band38-20MHz-QPSK-38000-1RB#99-30~1000- PASS	Band38-20MHz-QPSK-38000-1RB#99-1000~30 00-PASS

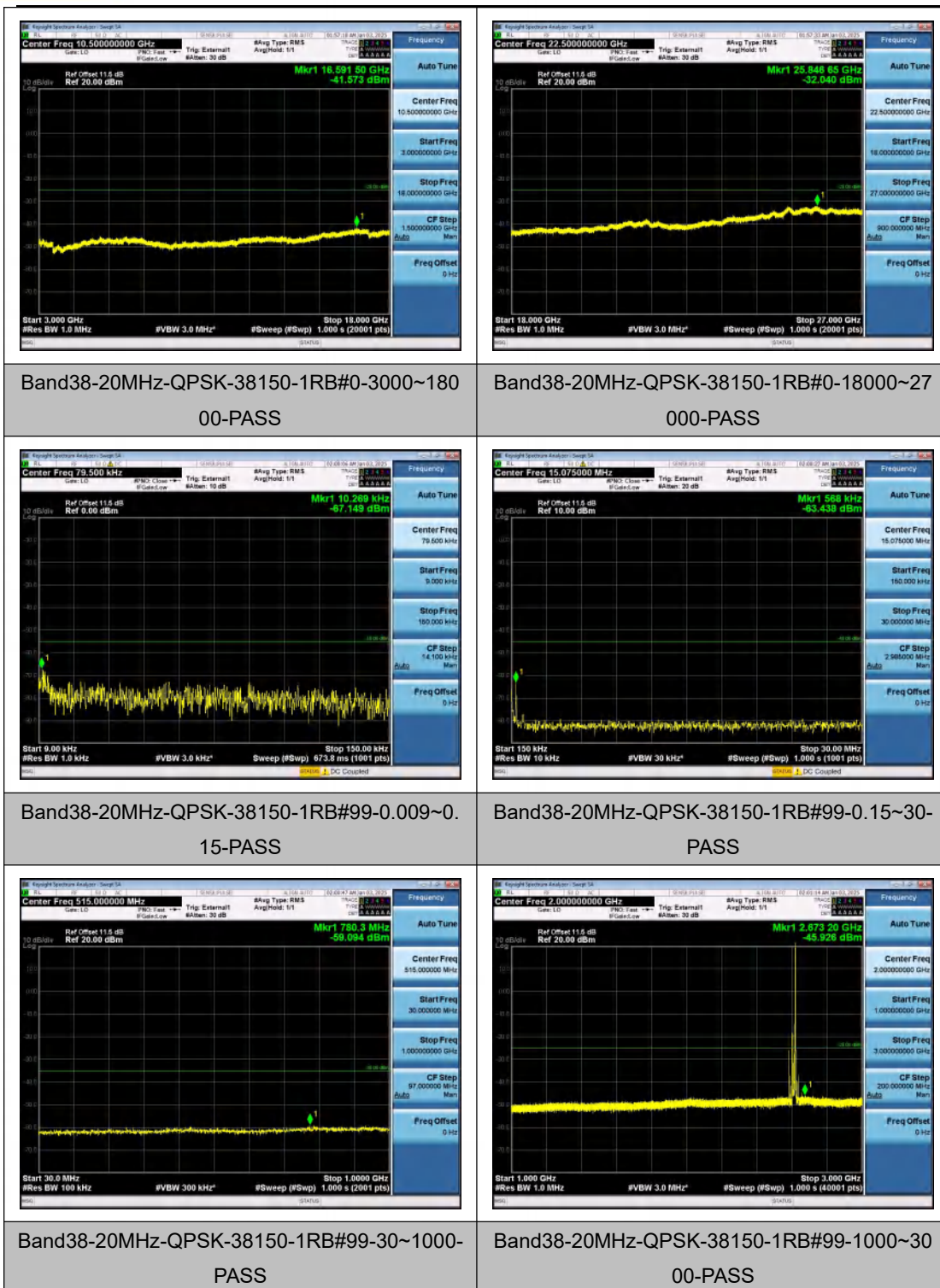


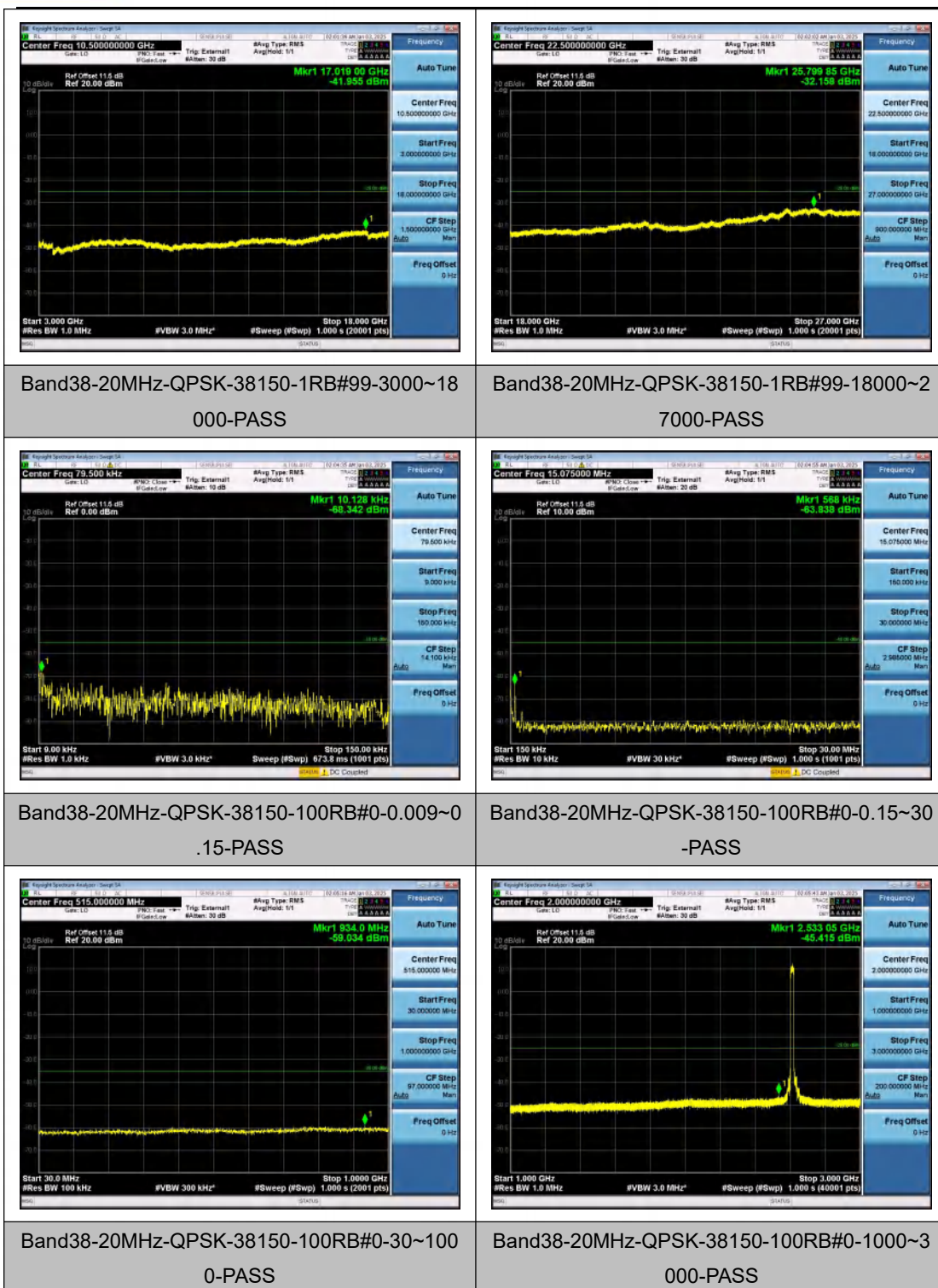


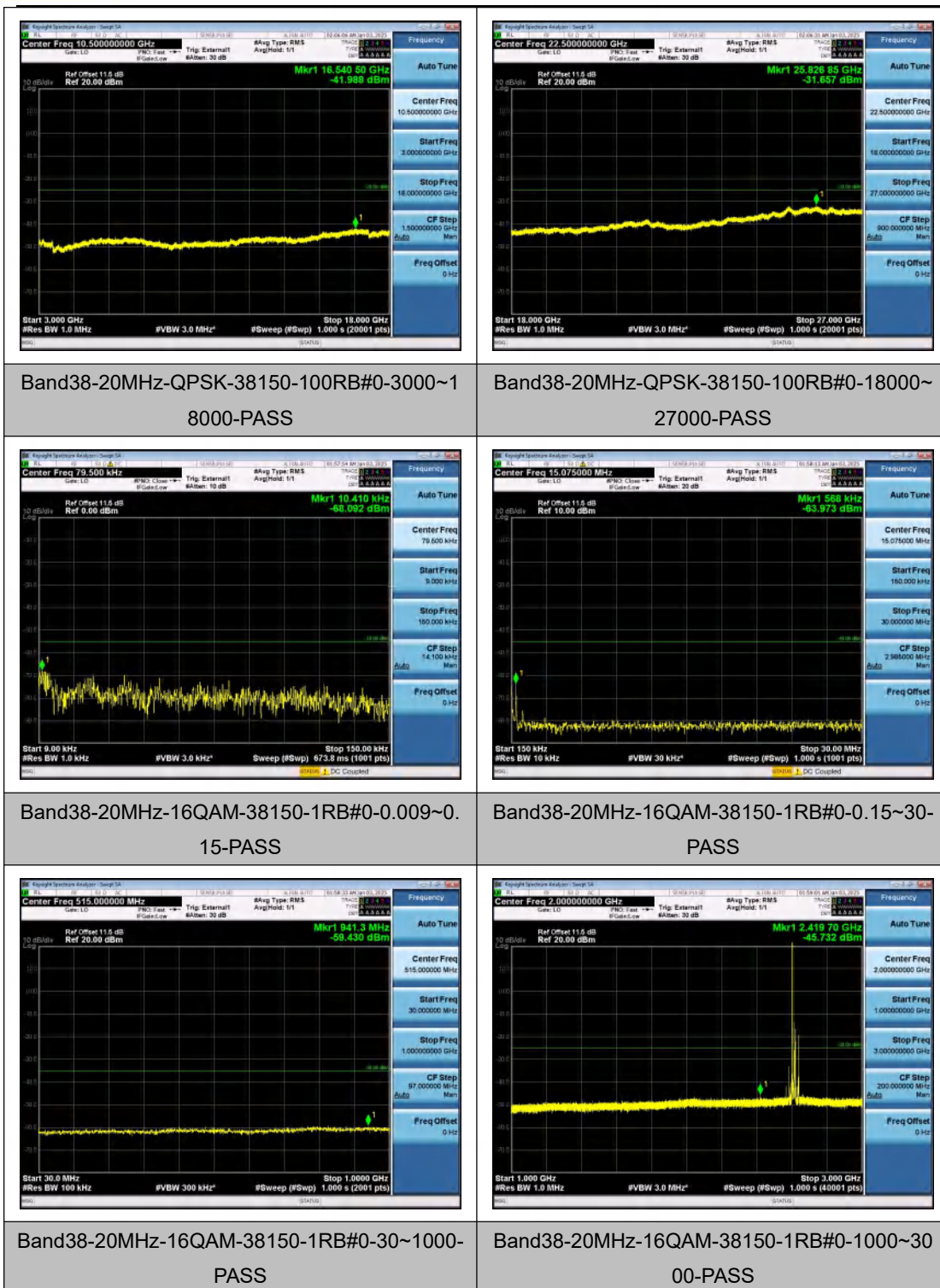


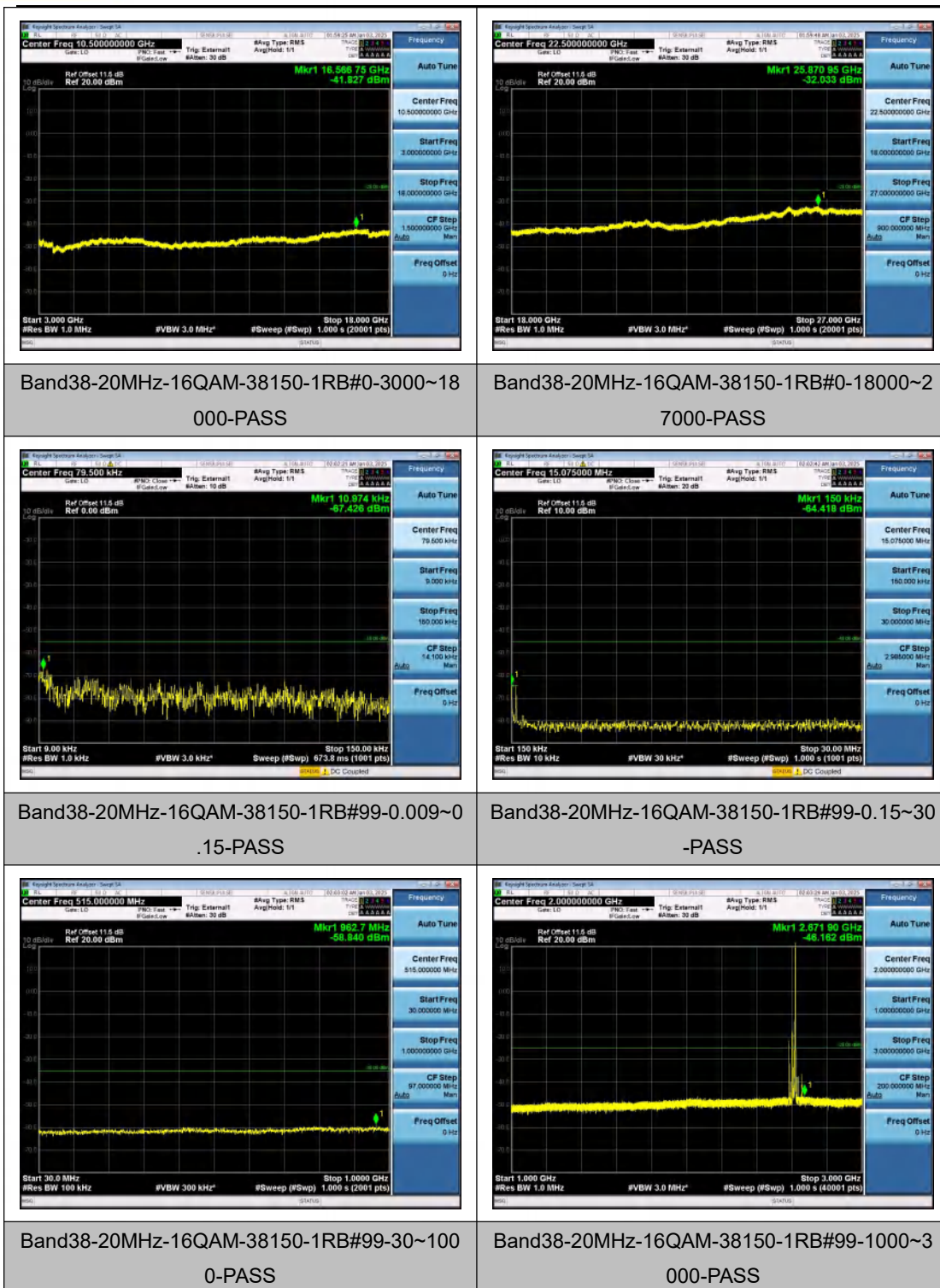


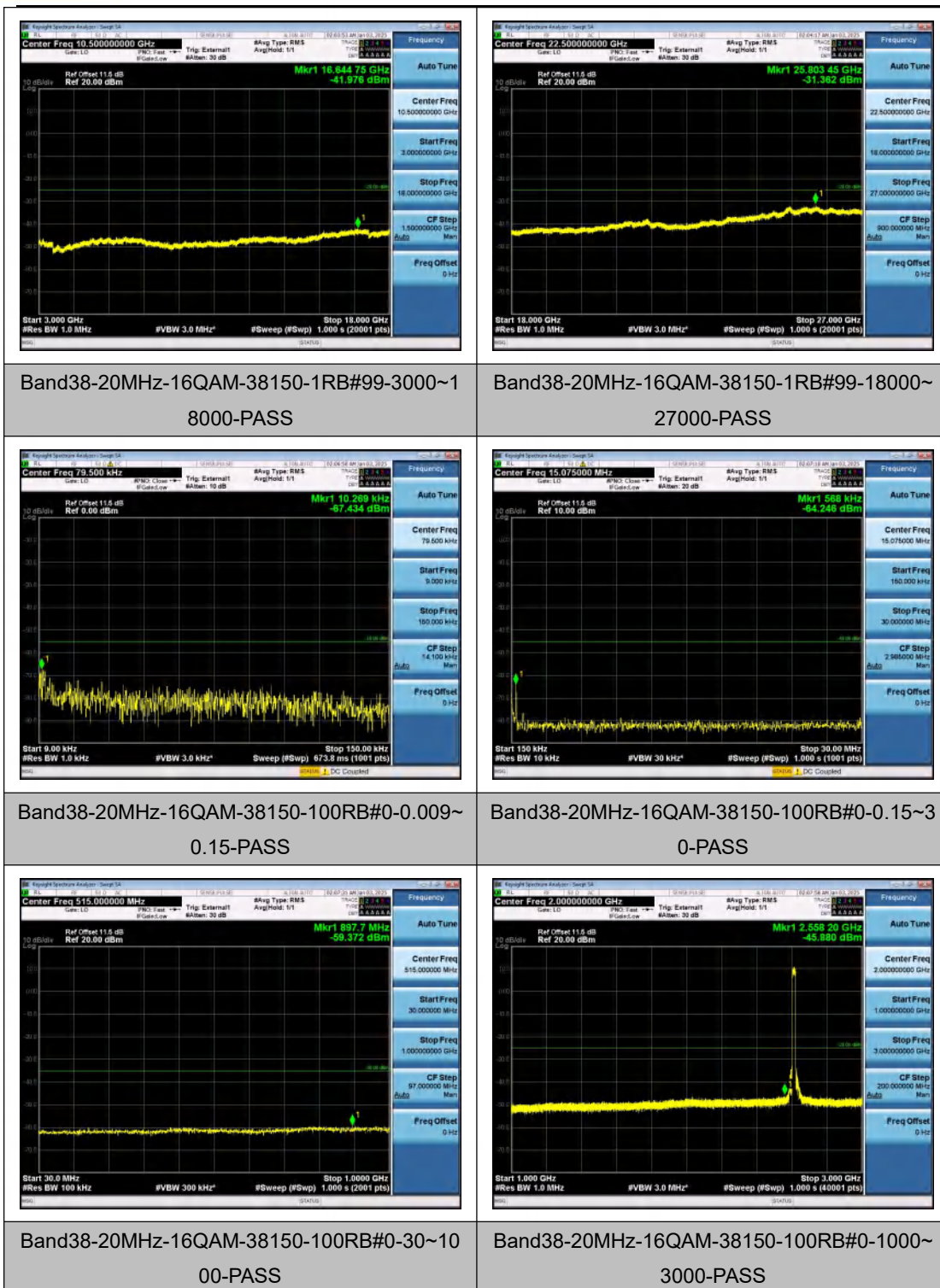


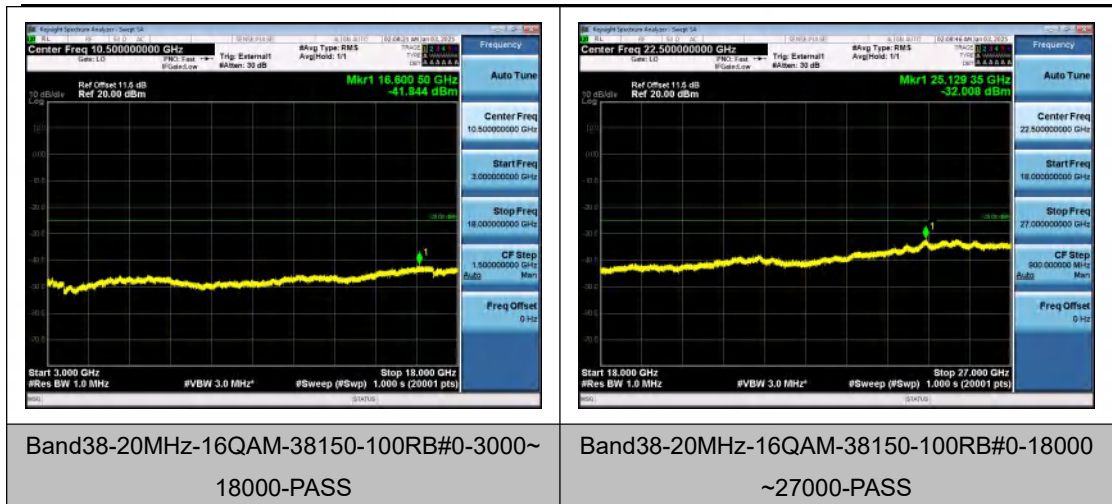












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Appendix F: Frequency stability VS Voltage measurement

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	-9130.00	-3.549077	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-9130.00	-3.549077	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-9020.00	-3.506317	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-12470.00	-4.847425	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-12650.00	-4.917396	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-12440.00	-4.835763	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-6060.00	-2.335260	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-5980.00	-2.304432	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-6040.00	-2.327553	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-10160.00	-3.915222	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-10300.00	-3.969171	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-10180.00	-3.922929	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-6430.00	-2.456543	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-6510.00	-2.487106	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-6520.00	-2.490926	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-6060.00	-2.315186	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-6030.00	-2.303725	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-5970.00	-2.280802	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	1020.00	0.396117	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	4880.00	1.895146	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	4630.00	1.798058	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	-7130.00	-2.768932	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	-3940.00	-1.530097	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	-2630.00	-1.021359	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-6000.00	-2.312139	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-8240.00	-3.175337	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-3920.00	-1.510597	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	-6420.00	-2.473988	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	-5260.00	-2.026975	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	-5970.00	-2.300578	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-3920.00	-1.499044	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-4060.00	-1.552581	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-3980.00	-1.521989	±NA	PASS

Band38	10MHz	16QAM	38200	50RB#0	VN	NT	-6190.00	-2.367113	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-5440.00	-2.080306	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-2700.00	-1.032505	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-10330.00	-4.007759	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	-9900.00	-3.840931	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	-10450.00	-4.054316	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	3550.00	1.377304	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	3680.00	1.427740	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	3410.00	1.322987	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-9830.00	-3.788054	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-9940.00	-3.830443	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-9600.00	-3.699422	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	-5500.00	-2.119461	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	-5610.00	-2.161850	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-5170.00	-1.992293	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-7220.00	-2.763636	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-7430.00	-2.844019	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-7170.00	-2.744498	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-23660.00	-9.056459	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-23590.00	-9.029665	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	-23570.00	-9.022010	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-970.00	-0.375969	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-1140.00	-0.441860	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-900.00	-0.348837	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-2490.00	-0.965116	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-2450.00	-0.949612	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-2440.00	-0.945736	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-12970.00	-4.998073	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-12870.00	-4.959538	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-13150.00	-5.067437	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-8880.00	-3.421965	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-8620.00	-3.321773	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-8490.00	-3.271676	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-7290.00	-2.793103	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-7590.00	-2.908046	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-7800.00	-2.988506	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	3430.00	1.314176	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	3300.00	1.264368	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	3440.00	1.318008	±NA	PASS

Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	-8650.00	-3.362488	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-9090.00	-3.533528	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	-8930.00	-3.471331	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-9130.00	-3.549077	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-9020.00	-3.506317	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-9220.00	-3.584062	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	-9120.00	-3.545190	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	-9280.00	-3.607386	±NA	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	-9190.00	-3.572400	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-12800.00	-4.975705	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	-12500.00	-4.859086	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	-12750.00	-4.956268	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-12180.00	-4.734694	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-12610.00	-4.901846	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-12800.00	-4.975705	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	-12720.00	-4.944606	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	-12660.00	-4.921283	±NA	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	-12980.00	-5.045675	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-6030.00	-2.323699	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-5940.00	-2.289017	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	-6030.00	-2.323699	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-5880.00	-2.265896	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-5950.00	-2.292871	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-5970.00	-2.300578	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	-5900.00	-2.273603	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-5960.00	-2.296724	±NA	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	-5920.00	-2.281310	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-10090.00	-3.888247	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-10110.00	-3.895954	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-10160.00	-3.915222	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-10160.00	-3.915222	±NA	PASS

Band38	5MHz	16QAM	38000	25RB#0	NV	10	-10170.00	-3.919075	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-10180.00	-3.922929	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	-10020.00	-3.861272	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	-10310.00	-3.973025	±NA	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-10090.00	-3.888247	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-6530.00	-2.494747	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-6470.00	-2.471824	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-6500.00	-2.483286	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	-6320.00	-2.414518	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-6530.00	-2.494747	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	-6510.00	-2.487106	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	-6520.00	-2.490926	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	-6610.00	-2.525310	±NA	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-6510.00	-2.487106	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-6000.00	-2.292264	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-6140.00	-2.345750	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	-5890.00	-2.250239	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-5890.00	-2.250239	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-6070.00	-2.319007	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-6100.00	-2.330468	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	-6060.00	-2.315186	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	-6060.00	-2.315186	±NA	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	-5860.00	-2.238777	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	4210.00	1.634951	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	1830.00	0.710680	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	5110.00	1.984466	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	780.00	0.302913	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	5900.00	2.291262	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	4760.00	1.848544	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	3120.00	1.211650	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	4090.00	1.588350	±NA	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	3750.00	1.456311	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	-5970.00	-2.318447	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	-5400.00	-2.097087	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	-3810.00	-1.479612	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	-1170.00	-0.454369	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	-4960.00	-1.926214	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-2790.00	-1.083495	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	-6220.00	-2.415534	±NA	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	-3690.00	-1.433010	±NA	PASS

Band38	10MHz	16QAM	37800	50RB#0	NV	50	-2810.00	-1.091262	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-5870.00	-2.262042	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-4210.00	-1.622351	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-6130.00	-2.362235	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-7100.00	-2.736031	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-3700.00	-1.425819	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-9370.00	-3.610790	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	-9400.00	-3.622351	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	-9140.00	-3.522158	±NA	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	-5310.00	-2.046243	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	-6940.00	-2.674374	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-20	-8220.00	-3.167630	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	-5650.00	-2.177264	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	-4300.00	-1.657033	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	-6030.00	-2.323699	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	-3980.00	-1.533719	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	-3870.00	-1.491329	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	-5370.00	-2.069364	±NA	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	-9180.00	-3.537572	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-3790.00	-1.449331	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-3420.00	-1.307839	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	-3070.00	-1.173996	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-7030.00	-2.688337	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-4070.00	-1.556405	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-7390.00	-2.826004	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	-6190.00	-2.367113	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	-4910.00	-1.877629	±NA	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-5440.00	-2.080306	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	-4390.00	-1.678776	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	-5820.00	-2.225621	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	-3870.00	-1.479924	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	-7500.00	-2.868069	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	-4280.00	-1.636711	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-3020.00	-1.154876	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	-5050.00	-1.931166	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	-3030.00	-1.158700	±NA	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	-6790.00	-2.596558	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	-10470.00	-4.062076	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-10560.00	-4.096993	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	-10370.00	-4.023278	±NA	PASS

Band38	15MHz	QPSK	37825	75RB#0	NV	0	-9810.00	-3.806014	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	-10180.00	-3.949564	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-9940.00	-3.856450	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	-10530.00	-4.085354	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	-10110.00	-3.922405	±NA	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	-10540.00	-4.089234	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	3320.00	1.288070	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	3320.00	1.288070	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-10	3390.00	1.315228	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	3510.00	1.361785	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	3350.00	1.299709	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	3480.00	1.350145	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	30	3350.00	1.299709	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	3440.00	1.334627	±NA	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	3240.00	1.257032	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-9550.00	-3.680154	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-9350.00	-3.603083	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	-9530.00	-3.672447	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-9730.00	-3.749518	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	-9790.00	-3.772640	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	-9570.00	-3.687861	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	-9630.00	-3.710983	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	-9430.00	-3.633911	±NA	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	-9510.00	-3.664740	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	-5400.00	-2.080925	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-5120.00	-1.973025	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	-5260.00	-2.026975	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	-5110.00	-1.969171	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	-5200.00	-2.003854	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	-5150.00	-1.984586	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	-5520.00	-2.127168	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	-5450.00	-2.100193	±NA	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	-5420.00	-2.088632	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-6930.00	-2.652632	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-6700.00	-2.564593	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-7260.00	-2.778947	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	-7550.00	-2.889952	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-7470.00	-2.859330	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-6680.00	-2.556938	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	-6460.00	-2.472727	±NA	PASS

Band38	15MHz	QPSK	38175	75RB#0	NV	40	-6230.00	-2.384689	±NA	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	-6480.00	-2.480383	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-23610.00	-9.037321	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	-23700.00	-9.071770	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-10	-23460.00	-8.979904	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-23600.00	-9.033493	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	-23600.00	-9.033493	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	-24010.00	-9.190431	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	-23670.00	-9.060287	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	-23510.00	-8.999043	±NA	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	50	-23970.00	-9.175120	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-880.00	-0.341085	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-1500.00	-0.581395	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-1180.00	-0.457364	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-1320.00	-0.511628	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-1250.00	-0.484496	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-1000.00	-0.387597	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-950.00	-0.368217	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-1060.00	-0.410853	±NA	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-1110.00	-0.430233	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-2790.00	-1.081395	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-2500.00	-0.968992	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-2990.00	-1.158915	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-2920.00	-1.131783	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-2180.00	-0.844961	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-2190.00	-0.848837	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-2560.00	-0.992248	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-1850.00	-0.717054	±NA	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-2290.00	-0.887597	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-12970.00	-4.998073	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-13060.00	-5.032755	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-12750.00	-4.913295	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-13080.00	-5.040462	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-12990.00	-5.005780	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-13220.00	-5.094412	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-13260.00	-5.109827	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-12940.00	-4.986513	±NA	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-12650.00	-4.874759	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-8270.00	-3.186898	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-8320.00	-3.206166	±NA	PASS

Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-8270.00	-3.186898	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-8820.00	-3.398844	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-8330.00	-3.210019	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-8290.00	-3.194605	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-8980.00	-3.460501	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-8870.00	-3.418112	±NA	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-8750.00	-3.371869	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-7280.00	-2.789272	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-7180.00	-2.750958	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-6940.00	-2.659004	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-7190.00	-2.754789	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-7240.00	-2.773946	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-6720.00	-2.574713	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-7640.00	-2.927203	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-7040.00	-2.697318	±NA	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-7930.00	-3.038314	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	3130.00	1.199234	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	3460.00	1.325670	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	3850.00	1.475096	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	3220.00	1.233716	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	3310.00	1.268199	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	3400.00	1.302682	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	3240.00	1.241379	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	3600.00	1.379310	±NA	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	3480.00	1.333333	±NA	PASS

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