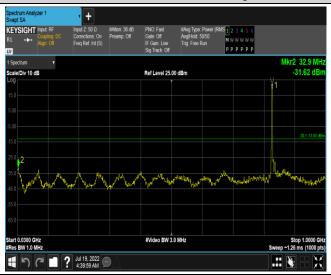
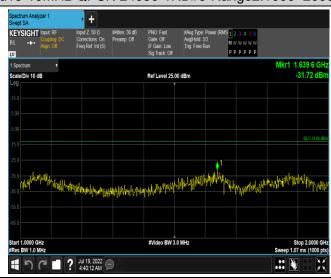


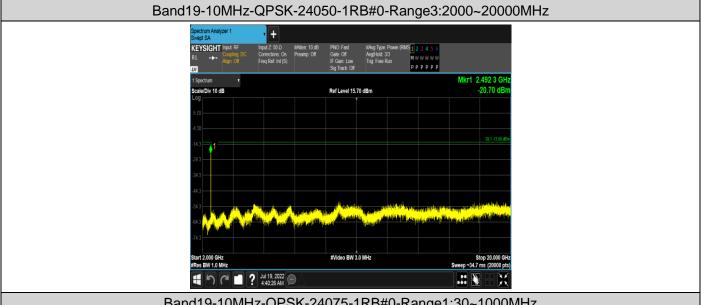
Band19-10MHz-QPSK-24050-1RB#0-Range1:30~1000MHz



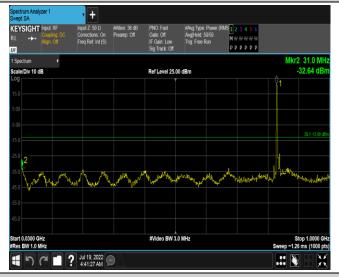
Band19-10MHz-QPSK-24050-1RB#0-Range2:1000~2000MHz





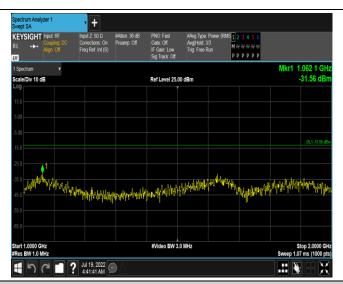


Band19-10MHz-QPSK-24075-1RB#0-Range1:30~1000MHz

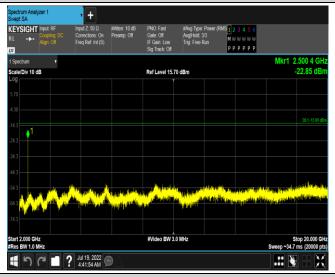


Band19-10MHz-QPSK-24075-1RB#0-Range2:1000~2000MHz

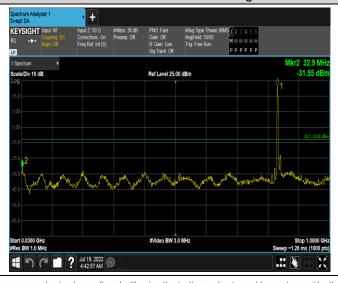




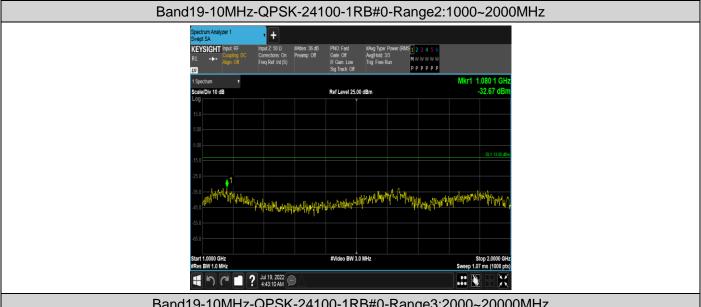
Band19-10MHz-QPSK-24075-1RB#0-Range3:2000~20000MHz



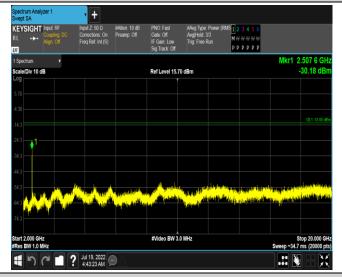
Band19-10MHz-QPSK-24100-1RB#0-Range1:30~1000MHz





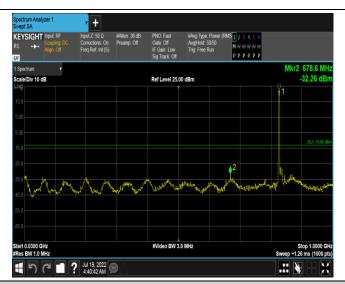


Band19-10MHz-QPSK-24100-1RB#0-Range3:2000~20000MHz

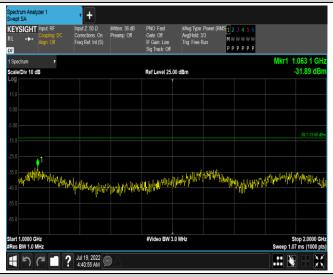


Band19-10MHz-16QAM-24050-1RB#0-Range1:30~1000MHz

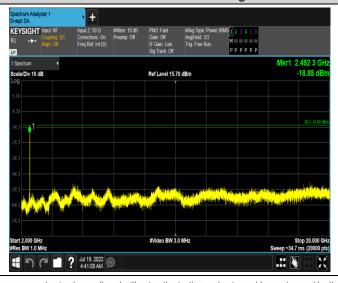




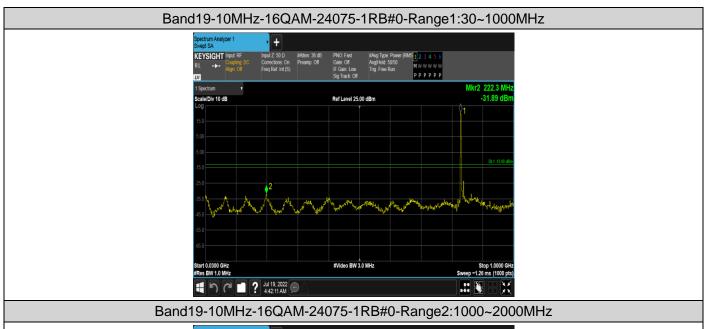
Band19-10MHz-16QAM-24050-1RB#0-Range2:1000~2000MHz



Band19-10MHz-16QAM-24050-1RB#0-Range3:2000~20000MHz



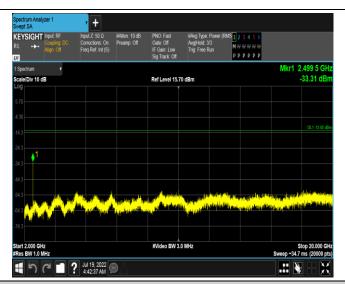




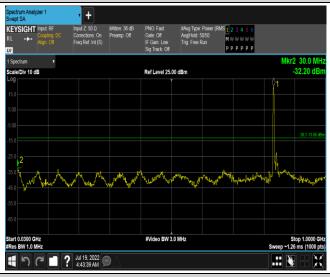


Band19-10MHz-16QAM-24075-1RB#0-Range3:2000~20000MHz

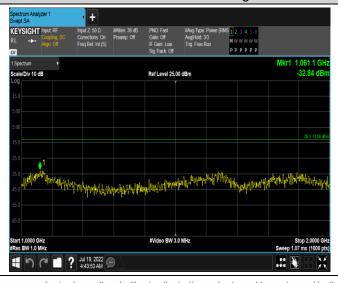




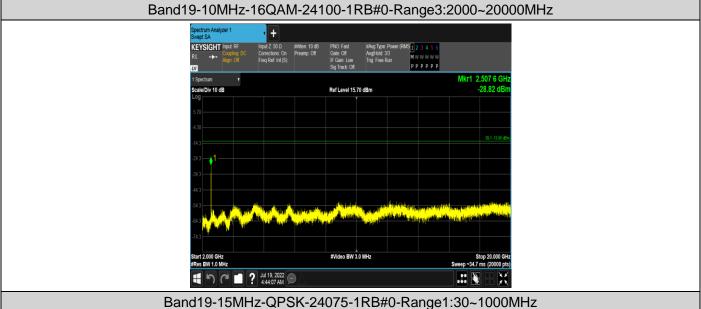
Band19-10MHz-16QAM-24100-1RB#0-Range1:30~1000MHz

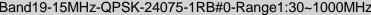


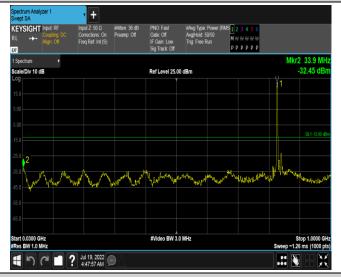
Band19-10MHz-16QAM-24100-1RB#0-Range2:1000~2000MHz





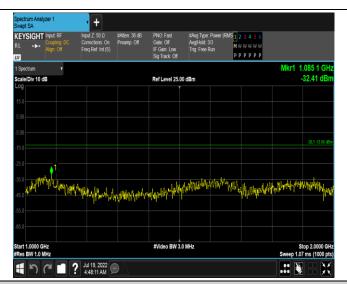




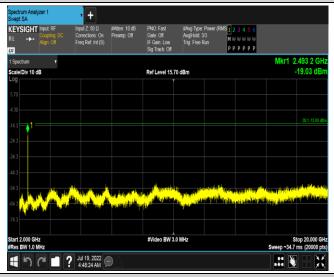


Band19-15MHz-QPSK-24075-1RB#0-Range2:1000~2000MHz

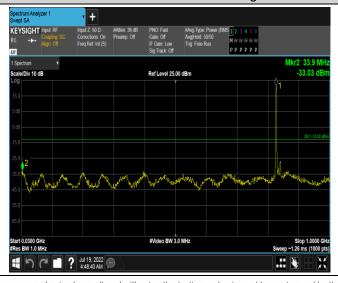




Band19-15MHz-QPSK-24075-1RB#0-Range3:2000~20000MHz



Band19-15MHz-16QAM-24075-1RB#0-Range1:30~1000MHz









Appendix F: Frequency Stability

Test Result

	Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	VL	NT	-7.65	-0.009189	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VN	NT	-11.32	-0.013598	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VH	NT	-12.23	-0.014691	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VL	NT	3.66	0.004370	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VN	NT	-9.00	-0.010746	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VH	NT	-3.58	-0.004275	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VL	NT	-12.19	-0.014469	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VN	NT	-9.28	-0.011015	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VH	NT	-6.68	-0.007929	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VL	NT	-4.22	-0.005069	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VN	NT	-8.05	-0.009670	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VH	NT	-5.09	-0.006114	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VL	NT	-10.23	-0.012215	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VN	NT	-9.53	-0.011379	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VH	NT	-7.08	-0.008454	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VL	NT	-5.39	-0.006398	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VN	NT	-6.87	-0.008154	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VH	NT	-7.54	-0.008950	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VL	NT	-9.13	-0.010934	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VN	NT	-10.97	-0.013138	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VH	NT	-12.27	-0.014695	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VL	NT	-6.22	-0.007427	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VN	NT	-9.84	-0.011749	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VH	NT	-9.84	-0.011749	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VL	NT	-12.60	-0.015000	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VN	NT	-11.97	-0.014250	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VH	NT	-3.45	-0.004107	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VL	NT	-10.00	-0.011976	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VN	NT	-10.33	-0.012371	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VH	NT	-7.91	-0.009473	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VL	NT	-8.08	-0.009648	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VN	NT	-4.15	-0.004955	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VH	NT	-5.88	-0.007021	±2.5	PASS



Band19	10MHz	16QAM	24100	50RB#0	VL	NT	-9.24	-0.011000	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VN	NT	-12.35	-0.014702	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VH	NT	-6.39	-0.007607	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VL	NT	-6.18	-0.007379	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VN	NT	-8.97	-0.010710	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VH	NT	-10.71	-0.012788	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VL	NT	-5.25	-0.006269	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VN	NT	-8.90	-0.010627	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VH	NT	-9.77	-0.011666	±2.5	PASS

	Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
Band19	5MHz	QPSK	24025	25RB#0	NV	-30	-10.84	-0.013021	±2.5	PASS	
Band19	5MHz	QPSK	24025	25RB#0	NV	-20	-8.08	-0.009706	±2.5	PASS	
Band19	5MHz	QPSK	24025	25RB#0	NV	0	-3.71	-0.004456	±2.5	PASS	
Band19	5MHz	QPSK	24025	25RB#0	NV	10	-8.71	-0.010462	±2.5	PASS	
Band19	5MHz	QPSK	24025	25RB#0	NV	20	-7.61	-0.009141	±2.5	PASS	
Band19	5MHz	QPSK	24075	25RB#0	NV	-30	-5.39	-0.006436	±2.5	PASS	
Band19	5MHz	QPSK	24075	25RB#0	NV	-20	-5.97	-0.007128	±2.5	PASS	
Band19	5MHz	QPSK	24075	25RB#0	NV	0	-6.82	-0.008143	±2.5	PASS	
Band19	5MHz	QPSK	24075	25RB#0	NV	10	-5.38	-0.006424	±2.5	PASS	
Band19	5MHz	QPSK	24075	25RB#0	NV	20	-6.88	-0.008215	±2.5	PASS	
Band19	5MHz	QPSK	24125	25RB#0	NV	-30	-6.77	-0.008036	±2.5	PASS	
Band19	5MHz	QPSK	24125	25RB#0	NV	-20	-5.02	-0.005958	±2.5	PASS	
Band19	5MHz	QPSK	24125	25RB#0	NV	0	3.50	0.004154	±2.5	PASS	
Band19	5MHz	QPSK	24125	25RB#0	NV	10	-8.91	-0.010576	±2.5	PASS	
Band19	5MHz	QPSK	24125	25RB#0	NV	20	-8.83	-0.010481	±2.5	PASS	
Band19	5MHz	16QAM	24025	25RB#0	NV	-30	-8.33	-0.010006	±2.5	PASS	
Band19	5MHz	16QAM	24025	25RB#0	NV	-20	-8.18	-0.009826	±2.5	PASS	
Band19	5MHz	16QAM	24025	25RB#0	NV	0	-6.97	-0.008372	±2.5	PASS	
Band19	5MHz	16QAM	24025	25RB#0	NV	10	-6.77	-0.008132	±2.5	PASS	
Band19	5MHz	16QAM	24025	25RB#0	NV	20	-3.81	-0.004577	±2.5	PASS	
Band19	5MHz	16QAM	24075	25RB#0	NV	-30	-5.74	-0.006854	±2.5	PASS	
Band19	5MHz	16QAM	24075	25RB#0	NV	-20	-5.49	-0.006555	±2.5	PASS	
Band19	5MHz	16QAM	24075	25RB#0	NV	0	-9.17	-0.010949	±2.5	PASS	
Band19	5MHz	16QAM	24075	25RB#0	NV	10	-7.02	-0.008382	±2.5	PASS	
Band19	5MHz	16QAM	24075	25RB#0	NV	20	-2.46	-0.002937	±2.5	PASS	
Band19	5MHz	16QAM	24125	25RB#0	NV	-30	-7.58	-0.008997	±2.5	PASS	

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Band19			1	T .		T			Ī	1	1
Band19	Band19	5MHz	16QAM	24125	25RB#0	NV	-20	-7.93	-0.009412	±2.5	PASS
Band19	Band19	5MHz	16QAM	24125	25RB#0	NV	0	-4.25	-0.005045	±2.5	PASS
Band19	Band19	5MHz	16QAM	24125	25RB#0	NV	10	-2.85	-0.003383	±2.5	PASS
Band19	Band19	5MHz	16QAM	24125	25RB#0	NV	20	-10.83	-0.012855	±2.5	PASS
Band19	Band19	10MHz	QPSK	24050	50RB#0	NV	-30	-9.38	-0.011234	±2.5	PASS
Band19	Band19	10MHz	QPSK	24050	50RB#0	NV	-20	-10.00	-0.011976	±2.5	PASS
Band19	Band19	10MHz	QPSK	24050	50RB#0	NV	0	-9.93	-0.011892	±2.5	PASS
Band19	Band19	10MHz	QPSK	24050	50RB#0	NV	10	-9.06	-0.010850	±2.5	PASS
Band19 10MHz OPSK 24075 50RB#0 NV -20 -12.62 -0.015069 ±2.5 PASS Band19 10MHz OPSK 24075 50RB#0 NV 0 -10.60 -0.012657 ±2.5 PASS Band19 10MHz OPSK 24075 50RB#0 NV 10 -11.49 -0.013719 ±2.5 PASS Band19 10MHz OPSK 24075 50RB#0 NV 20 -11.94 -0.013719 ±2.5 PASS Band19 10MHz OPSK 24100 50RB#0 NV -30 -11.27 -0.013417 ±2.5 PASS Band19 10MHz OPSK 24100 50RB#0 NV 0 -8.61 -0.010250 ±2.5 PASS Band19 10MHz OPSK 24100 50RB#0 NV 10 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV <	Band19	10MHz	QPSK	24050	50RB#0	NV	20	-6.90	-0.008263	±2.5	PASS
Band19	Band19	10MHz	QPSK	24075	50RB#0	NV	-30	-7.54	-0.009003	±2.5	PASS
Band19 10MHz QPSK 24075 50RB#0 NV 10 -11.49 -0.013719 ±2.5 PASS Band19 10MHz QPSK 24075 50RB#0 NV 20 -11.94 -0.014257 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV -30 -11.27 -0.013417 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV -20 -7.97 -0.009488 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 10 -10.60 -0.012619 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV	Band19	10MHz	QPSK	24075	50RB#0	NV	-20	-12.62	-0.015069	±2.5	PASS
Band19 10MHz QPSK 24075 50RB#0 NV 20 -11.94 -0.014257 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV -30 -11.27 -0.013417 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV -20 -7.97 -0.009488 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 0 -8.61 -0.010250 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 10 -10.60 -0.012619 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -30 -4.52 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV	Band19	10MHz	QPSK	24075	50RB#0	NV	0	-10.60	-0.012657	±2.5	PASS
Band19 10MHz QPSK 24100 50RB#0 NV -30 -11.27 -0.013417 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV -20 -7.97 -0.009488 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 0 -8.61 -0.010250 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 10 -10.60 -0.016262 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -30 -4.52 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV	Band19	10MHz	QPSK	24075	50RB#0	NV	10	-11.49	-0.013719	±2.5	PASS
Band19 10MHz QPSK 24100 50RB#0 NV -20 -7.97 -0.009488 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 0 -8.61 -0.010250 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 10 -10.60 -0.012619 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -30 -4.52 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.008204 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24055 50RB#0 NV	Band19	10MHz	QPSK	24075	50RB#0	NV	20	-11.94	-0.014257	±2.5	PASS
Band19 10MHz QPSK 24100 50RB#0 NV 0 -8.61 -0.010250 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 10 -10.60 -0.012619 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24055 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV	Band19	10MHz	QPSK	24100	50RB#0	NV	-30	-11.27	-0.013417	±2.5	PASS
Band19 10MHz QPSK 24100 50RB#0 NV 10 -10.60 -0.012619 ±2.5 PASS Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -30 -4.52 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.008204 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 0 -5.48 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV	Band19	10MHz	QPSK	24100	50RB#0	NV	-20	-7.97	-0.009488	±2.5	PASS
Band19 10MHz QPSK 24100 50RB#0 NV 20 -13.66 -0.016262 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -30 -4.52 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.008204 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 0 -5.48 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV	Band19	10MHz	QPSK	24100	50RB#0	NV	0	-8.61	-0.010250	±2.5	PASS
Band19 10MHz 16QAM 24050 50RB#0 NV -30 -4.52 -0.005413 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.008204 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 0 -5.48 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -30 -7.40 -0.008836 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.01176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV	Band19	10MHz	QPSK	24100	50RB#0	NV	10	-10.60	-0.012619	±2.5	PASS
Band19 10MHz 16QAM 24050 50RB#0 NV -20 -6.85 -0.008204 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 0 -5.48 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -30 -7.40 -0.008836 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV	Band19	10MHz	QPSK	24100	50RB#0	NV	20	-13.66	-0.016262	±2.5	PASS
Band19 10MHz 16QAM 24050 50RB#0 NV 0 -5.48 -0.006563 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -30 -7.40 -0.008836 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 0 -8.96 -0.010699 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.01699 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV	Band19	10MHz	16QAM	24050	50RB#0	NV	-30	-4.52	-0.005413	±2.5	PASS
Band19 10MHz 16QAM 24050 50RB#0 NV 10 -8.50 -0.010180 ±2.5 PASS Band19 10MHz 16QAM 24050 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -30 -7.40 -0.008836 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 0 -8.96 -0.01176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV	Band19	10MHz	16QAM	24050	50RB#0	NV	-20	-6.85	-0.008204	±2.5	PASS
Band19 10MHz 16QAM 24050 50RB#0 NV 20 -3.59 -0.004299 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -30 -7.40 -0.008836 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 0 -8.96 -0.010699 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV	Band19	10MHz	16QAM	24050	50RB#0	NV	0	-5.48	-0.006563	±2.5	PASS
Band19 10MHz 16QAM 24075 50RB#0 NV -30 -7.40 -0.008836 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 0 -8.96 -0.010699 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV	Band19	10MHz	16QAM	24050	50RB#0	NV	10	-8.50	-0.010180	±2.5	PASS
Band19 10MHz 16QAM 24075 50RB#0 NV -20 -9.36 -0.011176 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 0 -8.96 -0.010699 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV	Band19	10MHz	16QAM	24050	50RB#0	NV	20	-3.59	-0.004299	±2.5	PASS
Band19 10MHz 16QAM 24075 50RB#0 NV 0 -8.96 -0.010699 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV	Band19	10MHz	16QAM	24075	50RB#0	NV	-30	-7.40	-0.008836	±2.5	PASS
Band19 10MHz 16QAM 24075 50RB#0 NV 10 -13.15 -0.015701 ±2.5 PASS Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV	Band19	10MHz	16QAM	24075	50RB#0	NV	-20	-9.36	-0.011176	±2.5	PASS
Band19 10MHz 16QAM 24075 50RB#0 NV 20 -11.86 -0.014161 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV	Band19	10MHz	16QAM	24075	50RB#0	NV	0	-8.96	-0.010699	±2.5	PASS
Band19 10MHz 16QAM 24100 50RB#0 NV -30 -6.35 -0.007560 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV	Band19	10MHz	16QAM	24075	50RB#0	NV	10	-13.15	-0.015701	±2.5	PASS
Band19 10MHz 16QAM 24100 50RB#0 NV -20 -7.00 -0.008333 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	10MHz	16QAM	24075	50RB#0	NV	20	-11.86	-0.014161	±2.5	PASS
Band19 10MHz 16QAM 24100 50RB#0 NV 0 -8.90 -0.010595 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	10MHz	16QAM	24100	50RB#0	NV	-30	-6.35	-0.007560	±2.5	PASS
Band19 10MHz 16QAM 24100 50RB#0 NV 10 -6.65 -0.007917 ±2.5 PASS Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	10MHz	16QAM	24100	50RB#0	NV	-20	-7.00	-0.008333	±2.5	PASS
Band19 10MHz 16QAM 24100 50RB#0 NV 20 -3.19 -0.003798 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	10MHz	16QAM	24100	50RB#0	NV	0	-8.90	-0.010595	±2.5	PASS
Band19 15MHz QPSK 24075 75RB#0 NV -30 -8.58 -0.010245 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	10MHz	16QAM	24100	50RB#0	NV	10	-6.65	-0.007917	±2.5	PASS
Band19 15MHz QPSK 24075 75RB#0 NV -20 -7.81 -0.009325 ±2.5 PASS Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	10MHz	16QAM	24100	50RB#0	NV	20	-3.19	-0.003798	±2.5	PASS
Band19 15MHz QPSK 24075 75RB#0 NV 0 -6.24 -0.007451 ±2.5 PASS	Band19	15MHz	QPSK	24075	75RB#0	NV	-30	-8.58	-0.010245	±2.5	PASS
	Band19	15MHz	QPSK	24075	75RB#0	NV	-20	-7.81	-0.009325	±2.5	PASS
Band19 15MHz QPSK 24075 75RB#0 NV 10 -5.46 -0.006519 ±2.5 PASS	Band19	15MHz	QPSK	24075	75RB#0	NV	0	-6.24	-0.007451	±2.5	PASS
	Band19	15MHz	QPSK	24075	75RB#0	NV	10	-5.46	-0.006519	±2.5	PASS



Band19	15MHz	QPSK	24075	75RB#0	NV	20	-10.69	-0.012764	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-30	-2.02	-0.002412	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-20	-3.22	-0.003845	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	0	2.88	0.003439	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	10	-4.92	-0.005875	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	20	-12.02	-0.014352	±2.5	PASS



Appendix G: Modulation Characteristics

Test Result

Band Bandwidth Modulation Channe	RB Configuration	Result	Verdict
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Test Graphs