

Effective (Isotropic) Radiated Power Output Data for NB1

Test Result

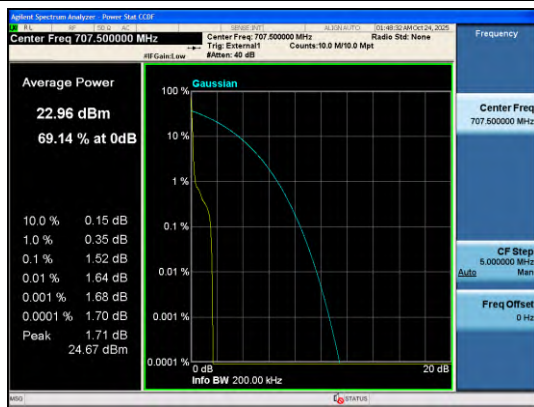
Band	OpMode	SCS	BW	Modulation	Channel	Tones	POWER (dBm)	ERP/EIRP (dBm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	6.89	3.9	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	6.86	3.87	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@0	6.86	3.87	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@11	6.83	3.84	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	3@3	6.87	3.88	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23011	1@0	6.78	3.79	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23011	1@47	6.67	3.68	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	6.79	3.8	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@11	6.66	3.67	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	23.54	20.55	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	23.40	20.41	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	23.90	20.91	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	22.77	19.78	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	3@3	23.89	20.9	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23095	1@0	23.44	20.45	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23095	1@47	23.31	20.32	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	22.62	19.63	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@11	22.29	19.3	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	6.43	3.44	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	6.41	3.42	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@0	6.61	3.62	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@11	6.55	3.56	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	3@3	6.65	3.66	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23179	1@0	6.36	3.37	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23179	1@47	6.28	3.29	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	6.49	3.5	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@11	6.36	3.37	PASS

Peak-to-Average Ratio(CCDF) for NB1

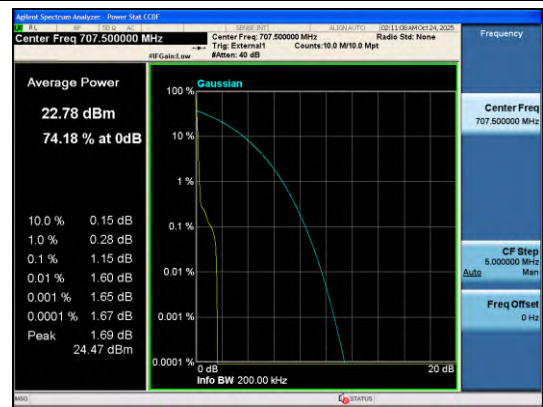
Test Result

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Result (dBm)	Limit (dBm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	1.52	<=13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	1.15	<=13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	1.39	<=13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	1.35	<=13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	3@3	3.42	<=13	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23095	1@0	1.7	<=13	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23095	1@47	1.82	<=13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	1.32	<=13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@11	1.33	<=13	PASS

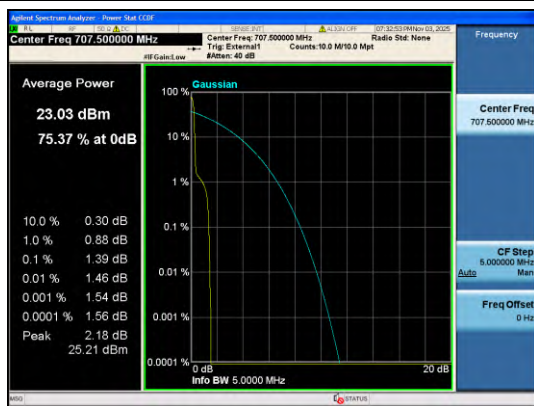
Test Graphs



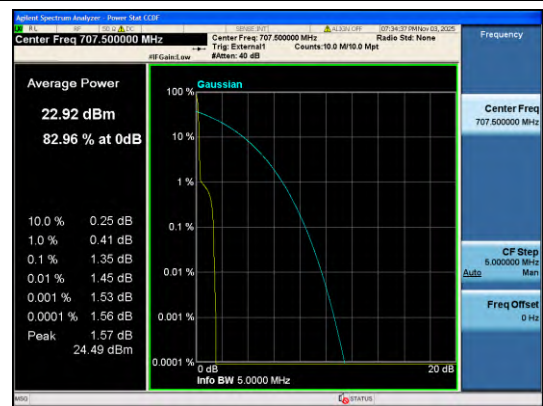
Band12-0.18-QPSK-23095-PASS



Band12-0.18-QPSK-23095-PASS



Band12-0.18-QPSK-23095-PASS



Band12-0.18-QPSK-23095-PASS



Band12-0.18-QPSK-23095-PASS



Band12-0.18-BPSK-23095-PASS



Band12-0.18-BPSK-23095-PASS

Band12-0.18-BPSK-23095-PASS



Band12-0.18-BPSK-23095-PASS

Emission Bandwidth for NB1

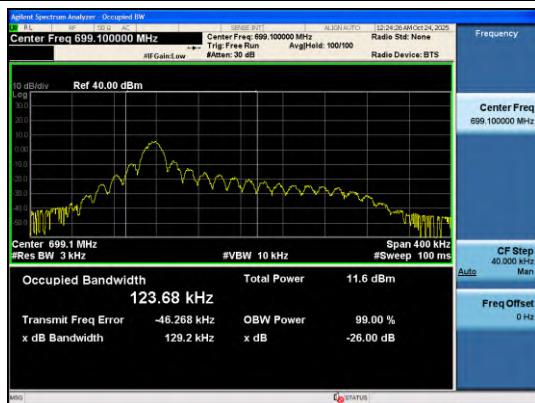
Test Result

Band	OpMode	SCS	BW	Modulation	Channel	Tones	OBW (MHz)	EBW (MHz)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	0.07595	0.0504	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@0	0.12368	0.1292	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	12@0	0.18477	0.2474	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23011	1@0	0.07033	0.0492	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	0.12753	0.1047	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	12@0	0.18462	0.2514	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	0.07490	0.0481	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	0.12150	0.1164	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	12@0	0.18680	0.2502	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23095	1@0	0.06869	0.0488	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	0.12669	0.1061	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	12@0	0.18645	0.2574	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	0.07586	0.0514	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@0	0.11800	0.1160	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	12@0	0.18516	0.2379	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23179	1@0	0.07072	0.0491	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	0.12638	0.1051	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	12@0	0.18485	0.2468	PASS

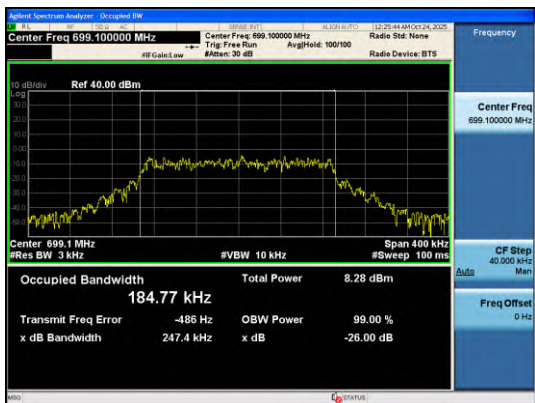
Test Graphs



Band12-0.18-QPSK-23011-PASS



Band12-0.18-QPSK-23011-PASS



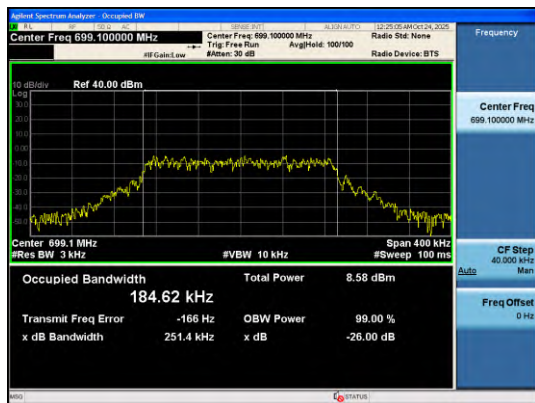
Band12-0.18-QPSK-23011-PASS



Band12-0.18-BPSK-23011-PASS



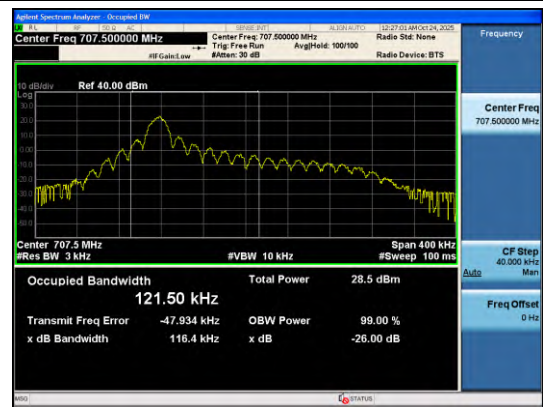
Band12-0.18-BPSK-23011-PASS



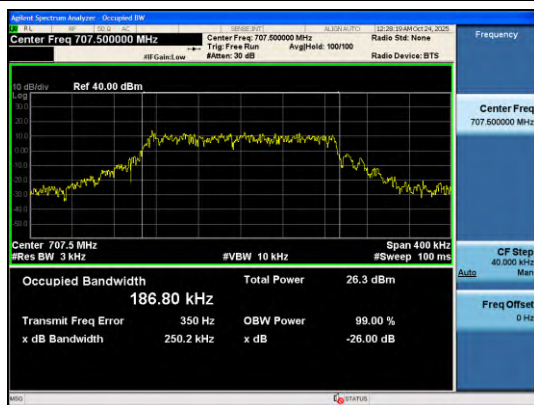
Band12-0.18-BPSK-23011-PASS



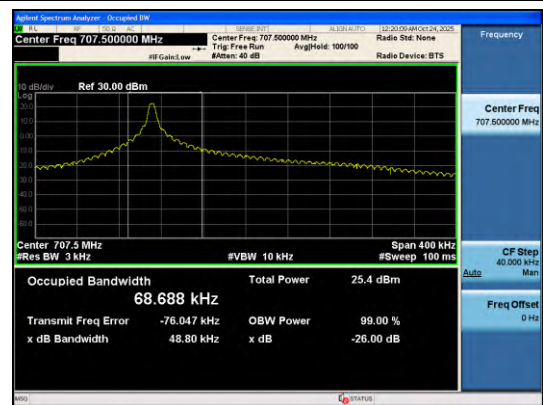
Band12-0.18-QPSK-23095-PASS



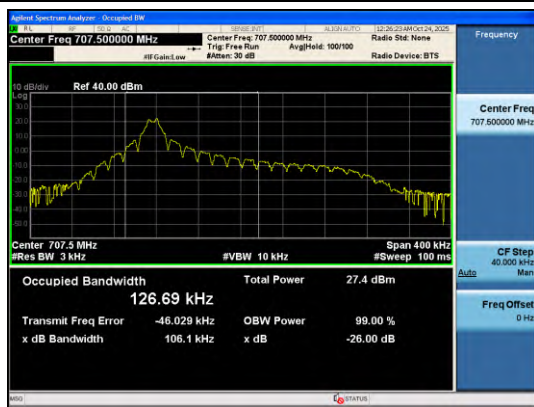
Band12-0.18-QPSK-23095-PASS



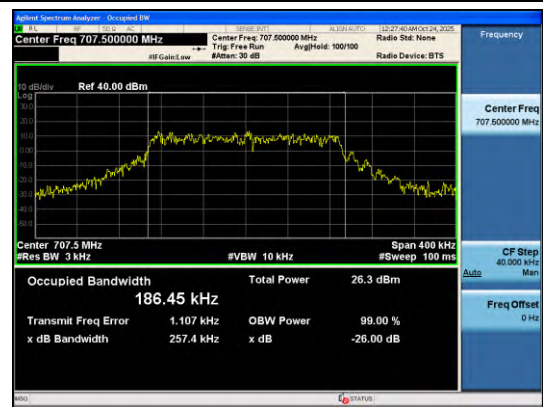
Band12-0.18-QPSK-23095-PASS



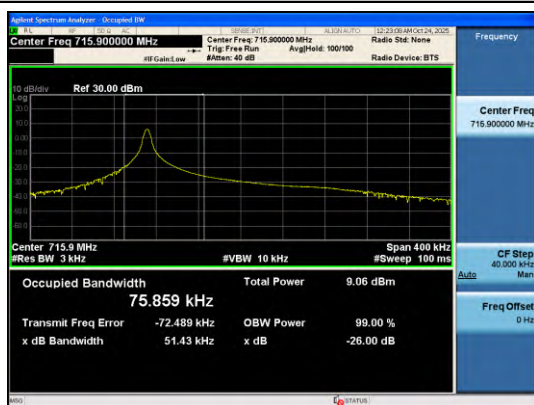
Band12-0.18-BPSK-23095-PASS



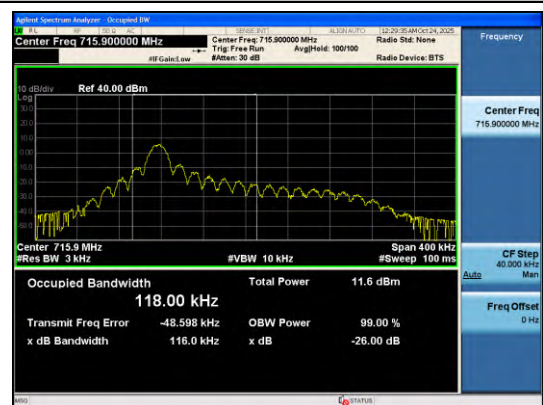
Band12-0.18-BPSK-23095-PASS



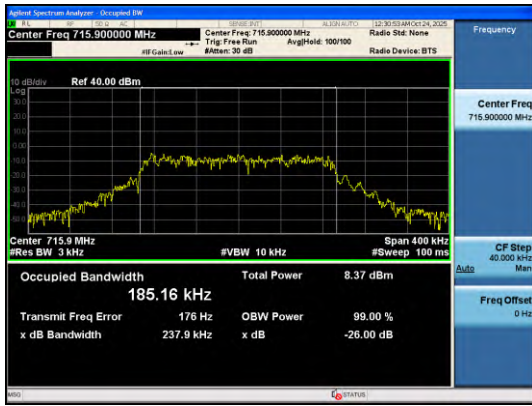
Band12-0.18-BPSK-23095-PASS



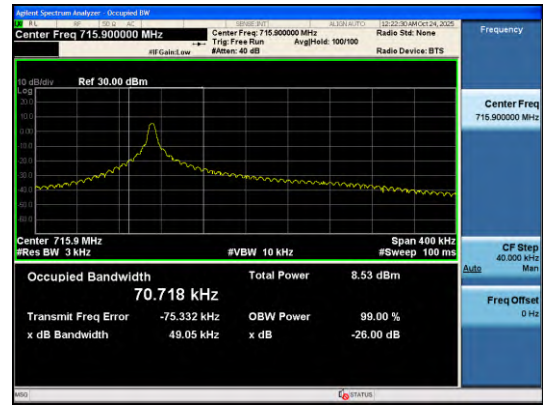
Band12-0.18-QPSK-23179-PASS



Band12-0.18-QPSK-23179-PASS



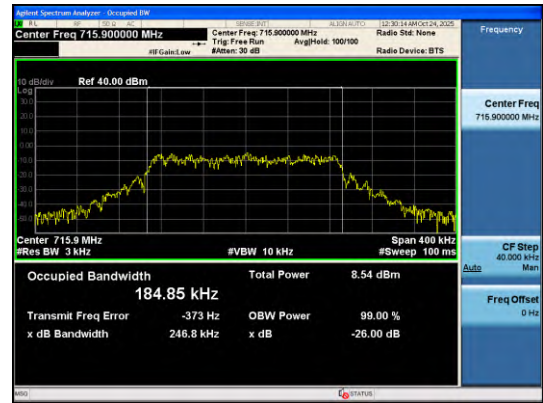
Band12-0.18-QPSK-23179-PASS



Band12-0.18-BPSK-23179-PASS



Band12-0.18-BPSK-23179-PASS



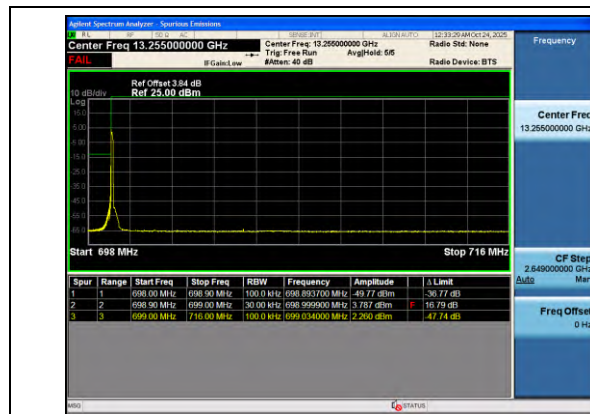
Band12-0.18-BPSK-23179-PASS

Band Edge for NB1

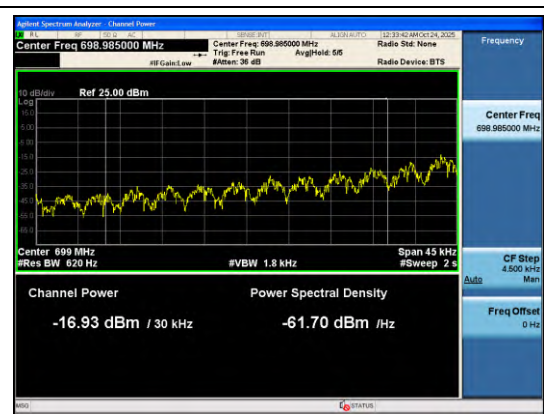
Test Result

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Result (dBm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	3.79	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	-16.93	PASS_Final1
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	-33.61	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@0	-1.44	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@0	-15.97	PASS_Final1
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	1@11	-30.73	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	12@0	-45.97	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23011	1@0	4.18	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23011	1@0	-15.89	PASS_Final1
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23011	1@47	-32.64	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	-1.74	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	-14.24	PASS_Final1
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@11	-29.91	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	12@0	-44.26	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	-50.79	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	3.12	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	-18.48	PASS_Final1
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@0	-32.27	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@11	-3.39	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	1@11	-17.21	PASS_Final1
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	12@0	-43.94	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23179	1@0	-49.97	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23179	1@47	2.34	PASS
Band12	Stand-Alone	3.75kHz	0.18	BPSK	23179	1@47	-17.13	PASS_Final1
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	-31.52	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@11	-2.82	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@11	-15.06	PASS_Final1
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	12@0	-45.99	PASS

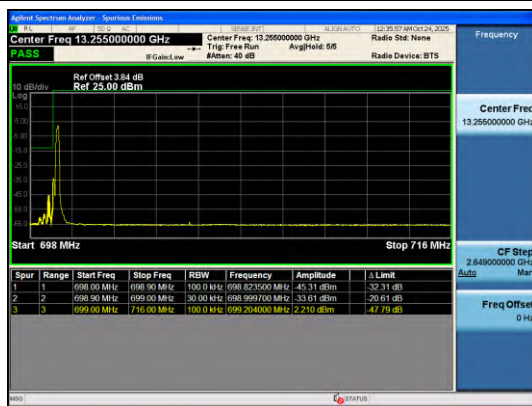
Test Graphs



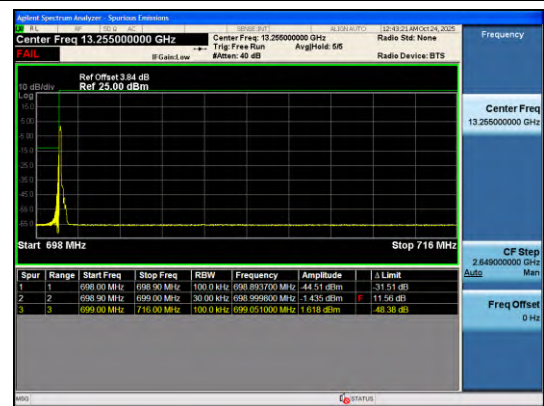
Band12-0.18-QPSK-23011-PASS



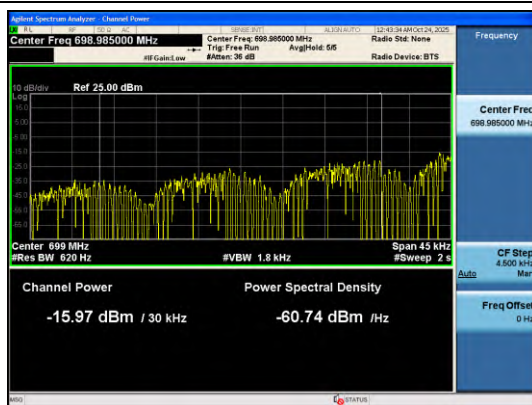
Band12-0.18-QPSK-23011-PASS_Final1



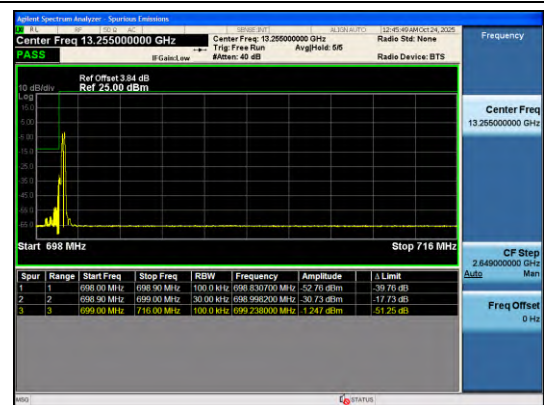
Band12-0.18-QPSK-23011-PASS



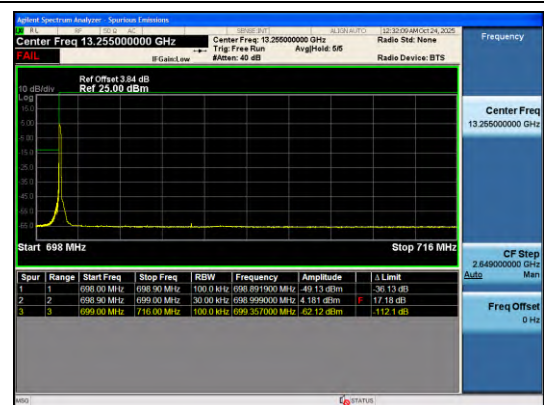
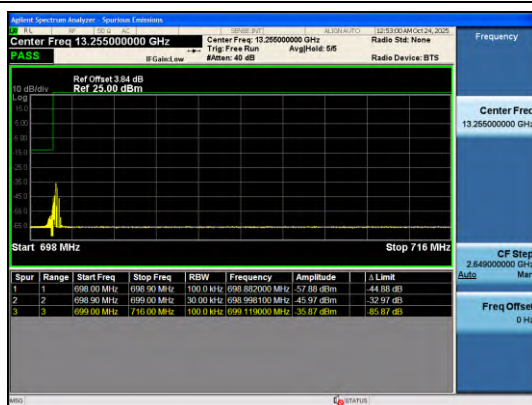
Band12-0.18-QPSK-23011-PASS



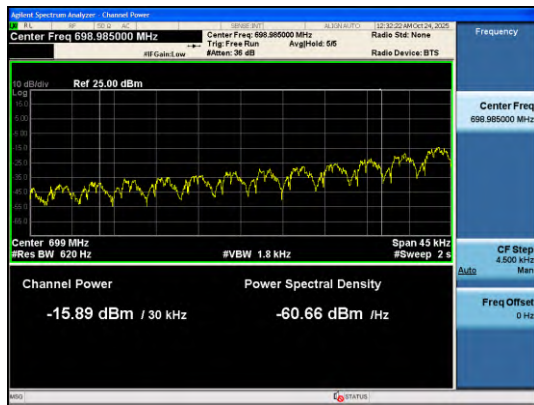
Band12-0.18-QPSK-23011-PASS_Final1



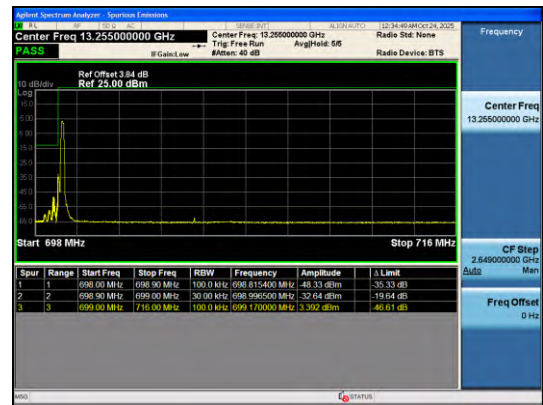
Band12-0.18-QPSK-23011-PASS



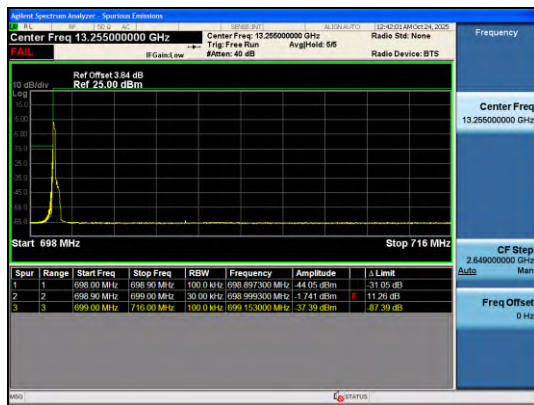
Band12-0.18-QPSK-23011-PASS



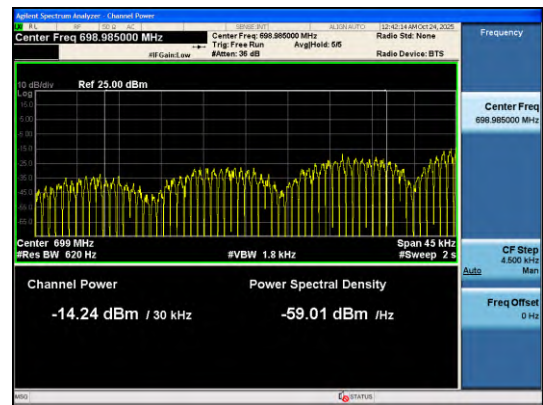
Band12-0.18-BPSK-23011-PASS



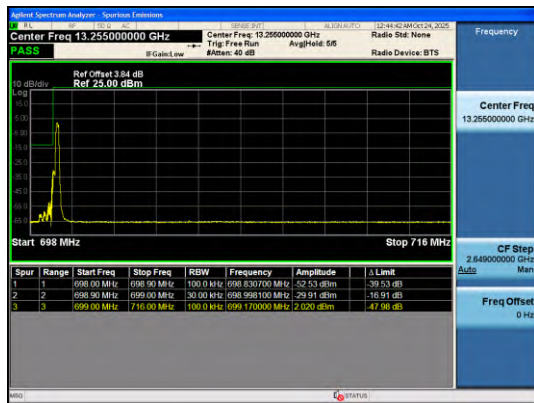
Band12-0.18-BPSK-23011-PASS_Final1



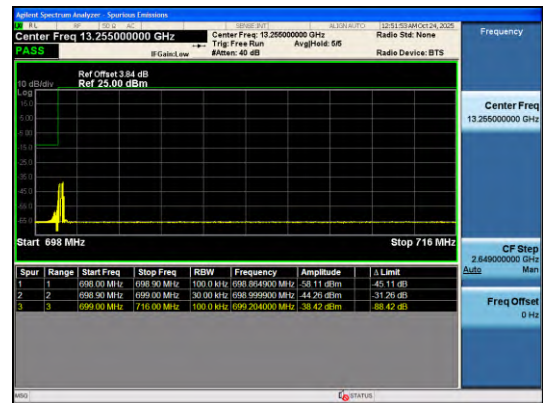
Band12-0.18-BPSK-23011-PASS



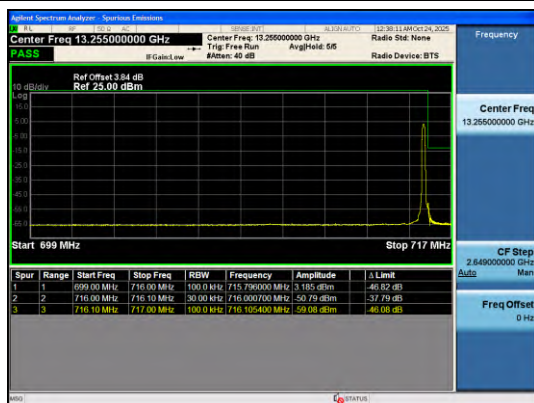
Band12-0.18-BPSK-23011-PASS



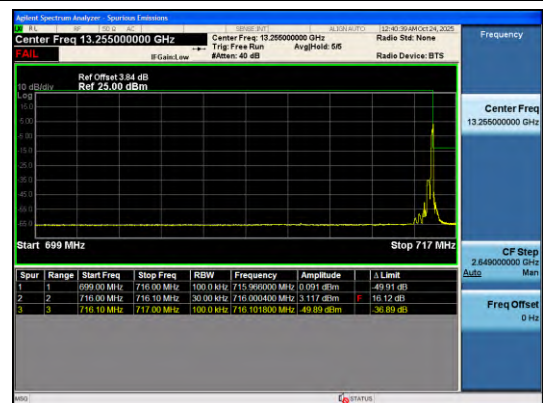
Band12-0.18-BPSK-23011-PASS_Final1



Band12-0.18-BPSK-23011-PASS

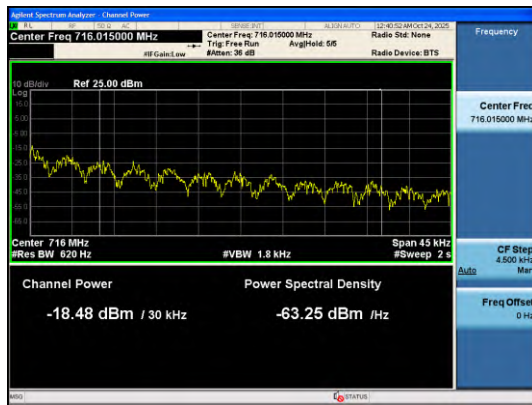


Band12-0.18-BPSK-23011-PASS

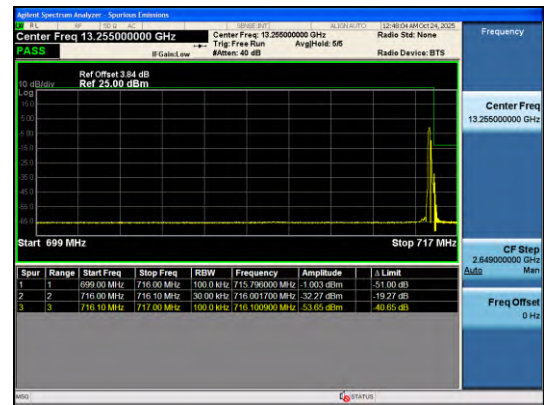


Band12-0.18-QPSK-23179-PASS

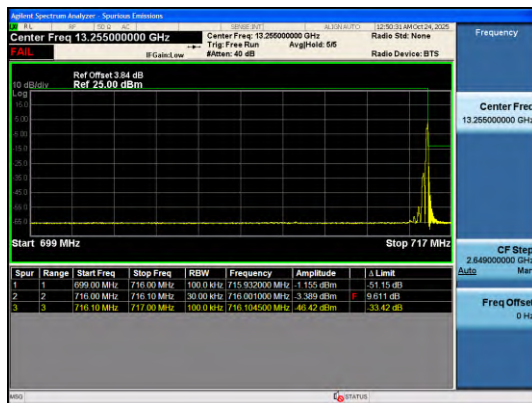
Band12-0.18-QPSK-23179-PASS



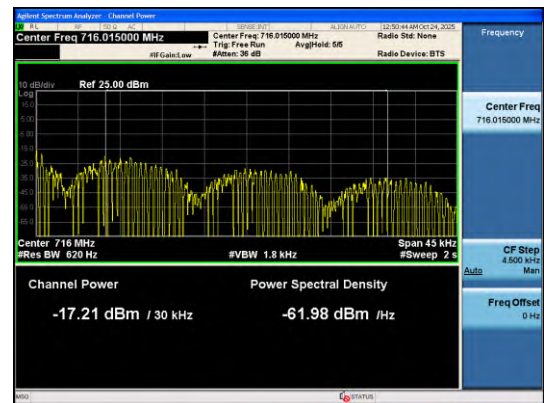
Band12-0.18-QPSK-23179-PASS_Final1



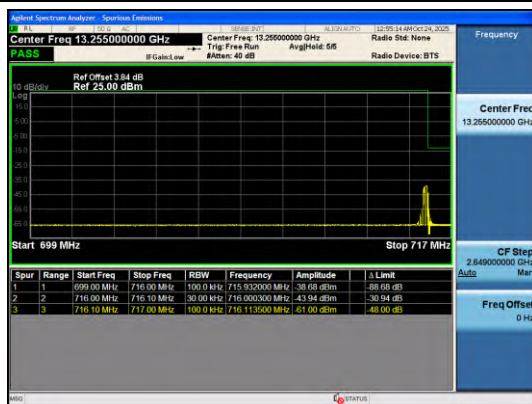
Band12-0.18-QPSK-23179-PASS



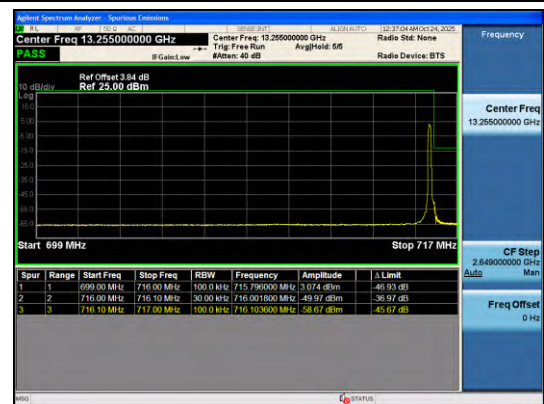
Band12-0.18-QPSK-23179-PASS



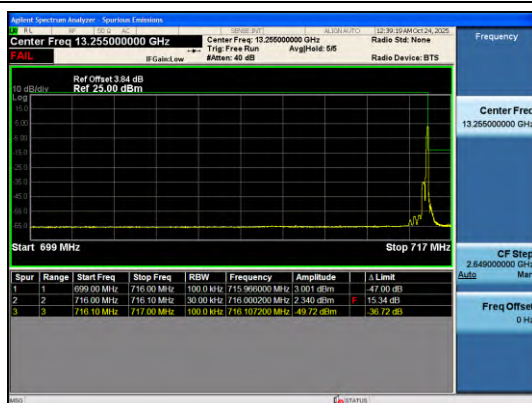
Band12-0.18-QPSK-23179-PASS_Final1



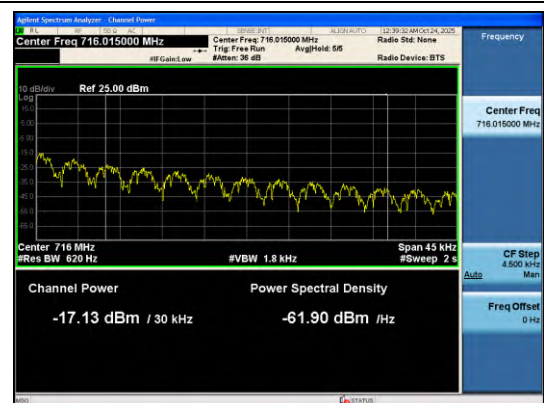
Band12-0.18-QPSK-23179-PASS



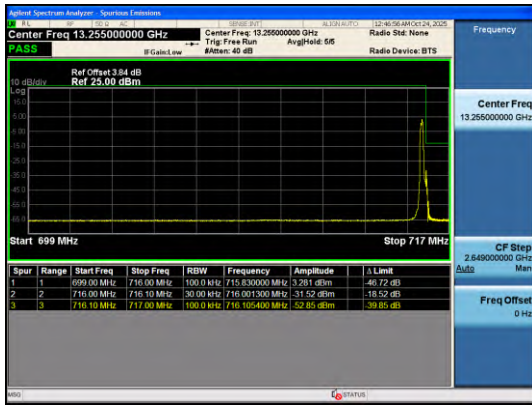
Band12-0.18-QPSK-23179-PASS_Final1



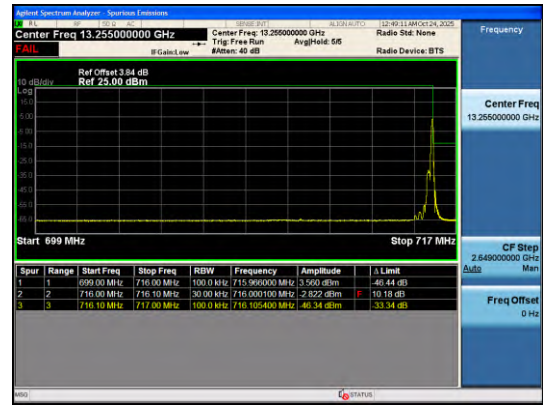
Band12-0.18-QPSK-23179-PASS



Band12-0.18-QPSK-23179-PASS_Final1



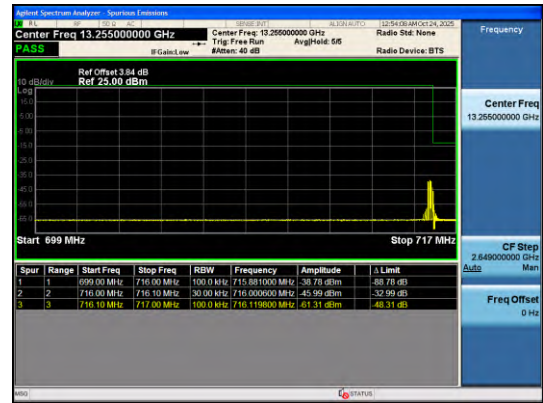
Band12-0.18-BPSK-23179-PASS



Band12-0.18-BPSK-23179-PASS



Band12-0.18-BPSK-23179-PASS_Final1



Band12-0.18-BPSK-23179-PASS

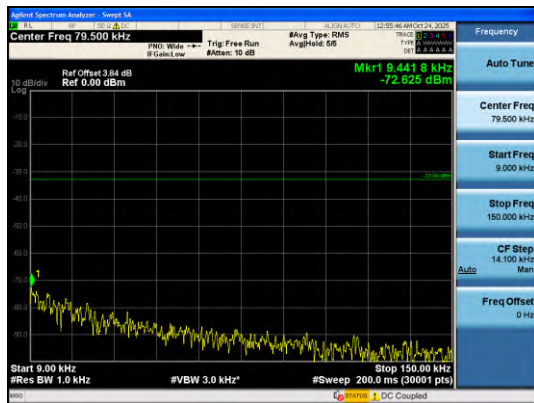
Conducted Spurious Emission for NB1

Test Result

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Freq Start [MHz]	Freq Stop [MHz]	Result (dBm)	Limit (dBm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	0.009	0.15	-72.63	-33	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	0.15	30	-77.68	-23	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	30	1000	-64.41	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@0	1000	10000	-51.92	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	0.009	0.15	-73.22	-33	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	0.15	30	-77.78	-23	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	30	1000	-64.64	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23011	1@47	1000	10000	-51.79	-13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	12@0	0.009	0.15	-72.55	-33	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	12@0	0.15	30	-76.16	-23	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	12@0	30	1000	-64.13	-13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23011	12@0	1000	10000	-51.68	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	0.009	0.15	-72.17	-33	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	0.15	30	-74.12	-23	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	30	1000	-64.78	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@0	1000	10000	-51.47	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@11	0.009	0.15	-74.13	-33	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@11	0.15	30	-75.43	-23	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@11	30	1000	-62.63	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23011	1@11	1000	10000	-51.97	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	0.009	0.15	-62.24	-33	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	0.15	30	-68.06	-23	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	30	1000	-60.19	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	1000	10000	-45.24	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	0.009	0.15	-62.52	-33	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	0.15	30	-67.91	-23	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	30	1000	-59.1	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	1000	10000	-41.55	-13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	12@0	0.009	0.15	-58.45	-33	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	12@0	0.15	30	-58.31	-23	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	12@0	30	1000	-63.6	-13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	12@0	1000	10000	-51.46	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	0.009	0.15	-60.13	-33	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	0.15	30	-64.77	-23	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	30	1000	-59.66	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@0	1000	10000	-43.08	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@11	0.009	0.15	-59.63	-33	PASS

Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@11	0.15	30	-68.45	-23	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@11	30	1000	-64.17	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23095	1@11	1000	10000	-43.06	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	0.009	0.15	-71.14	-33	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	0.15	30	-76.31	-23	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	30	1000	-64.27	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@0	1000	10000	-51.73	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	0.009	0.15	-72.93	-33	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	0.15	30	-78.08	-23	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	30	1000	-64.55	-13	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23179	1@47	1000	10000	-51.67	-13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	12@0	0.009	0.15	-73.41	-33	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	12@0	0.15	30	-76.96	-23	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	12@0	30	1000	-64.05	-13	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23179	12@0	1000	10000	-51.74	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	0.009	0.15	-71.51	-33	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	0.15	30	-75.29	-23	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	30	1000	-65	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@0	1000	10000	-51.4	-13	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@11	0.009	0.15	-73.3	-33	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@11	0.15	30	-77.18	-23	PASS
Band12	Stand-Alone	15kHz	0.18	BPSK	23179	1@11	30	1000	-63.45	-13	PASS
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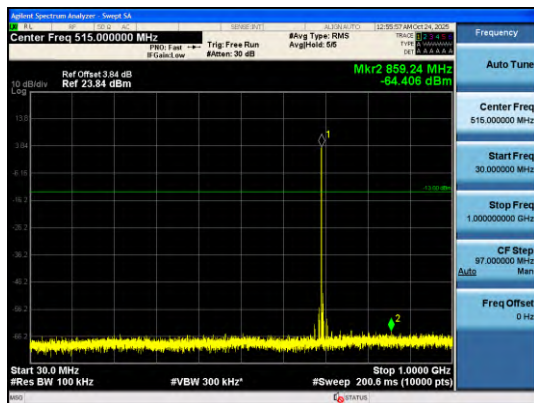
Test Graphs



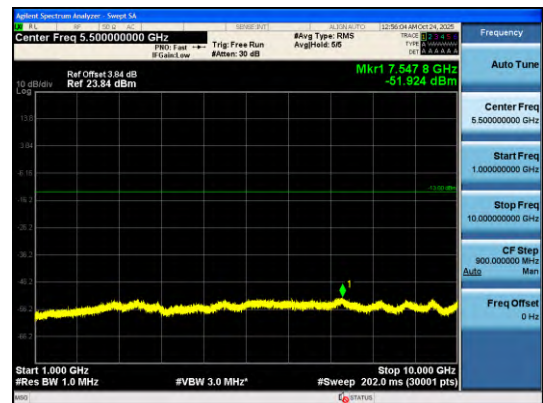
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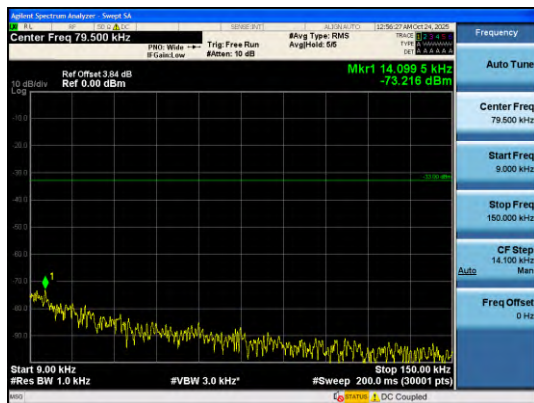
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Band12-0.18-QPSK-23011-30-1000-PASS



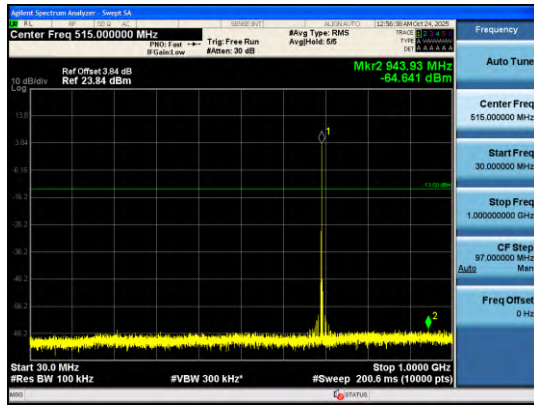
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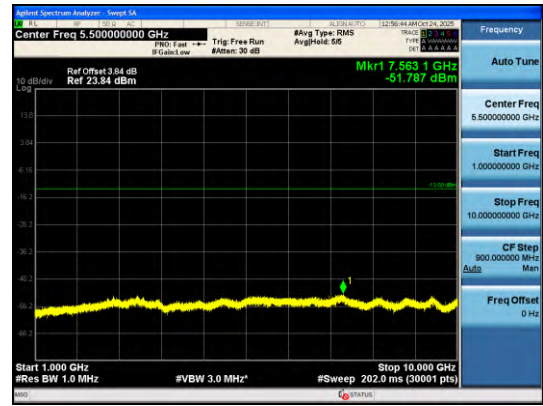
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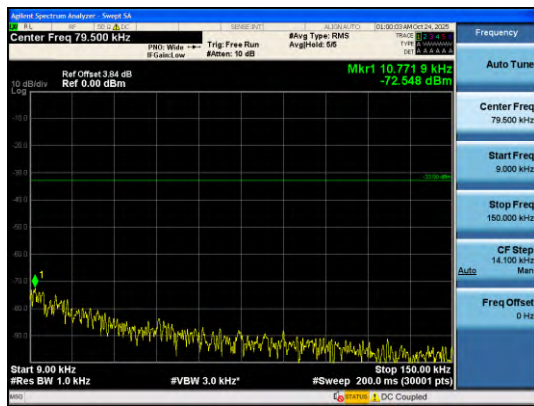
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Band12-0.18-QPSK-23011-30-1000-PASS



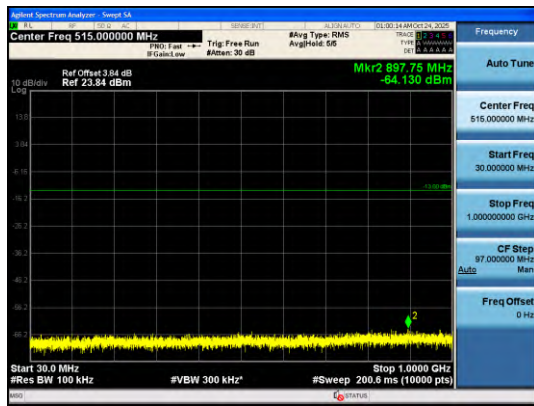
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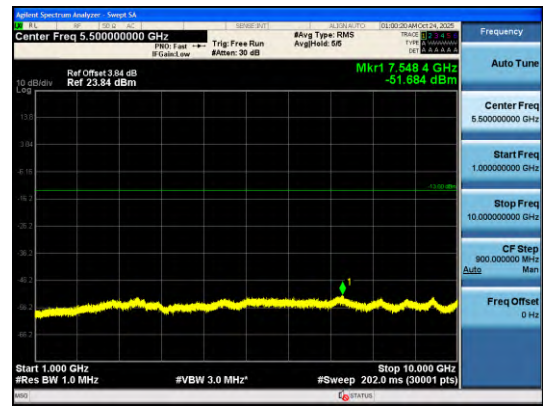
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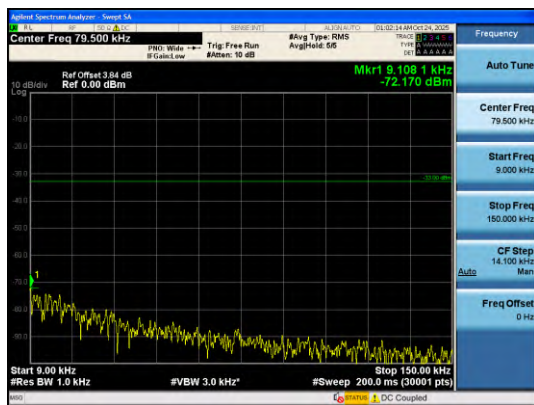
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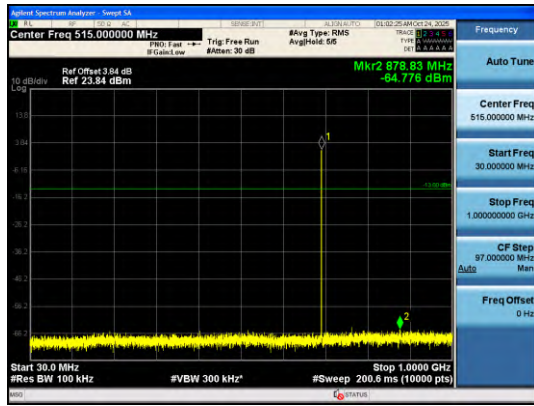
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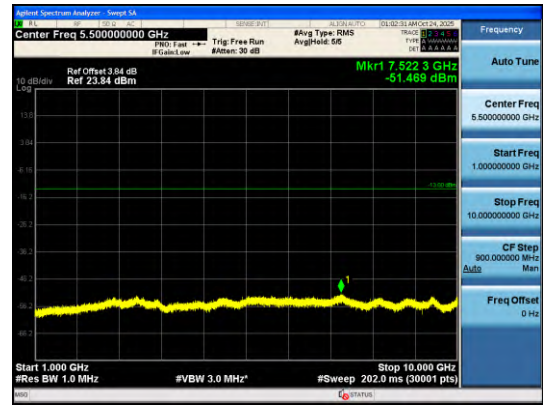
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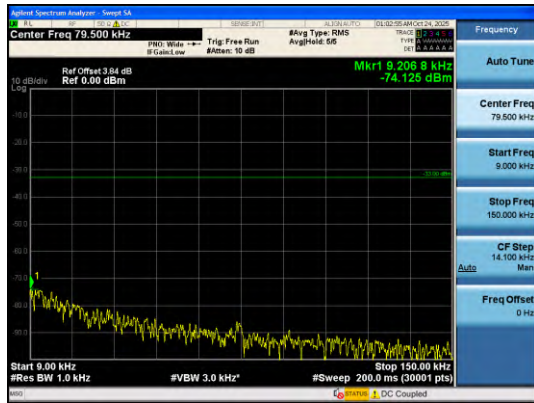
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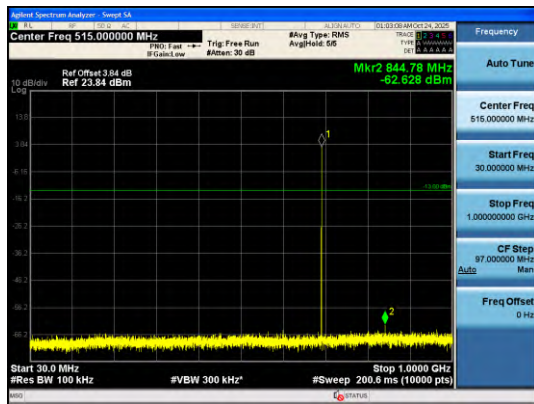
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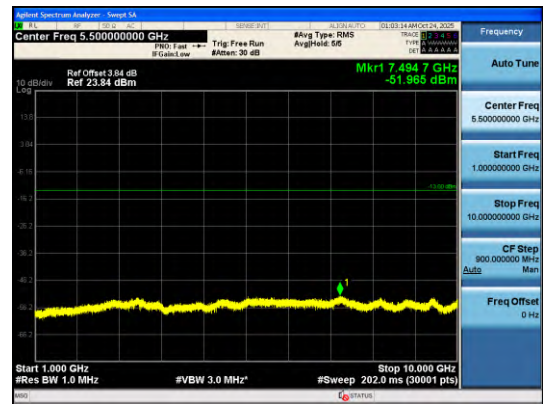
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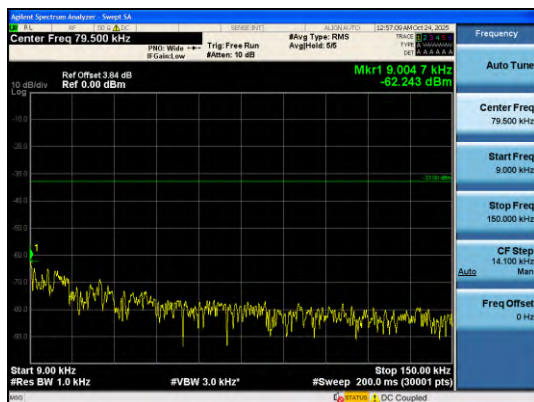
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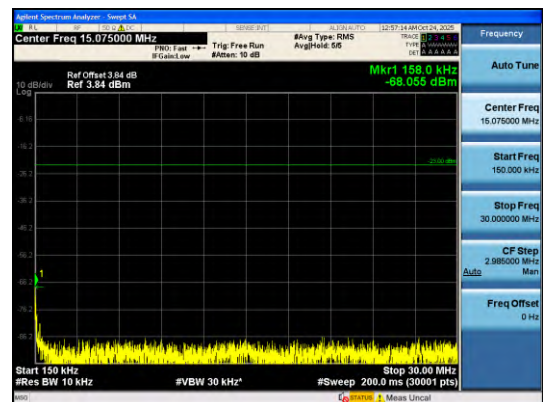
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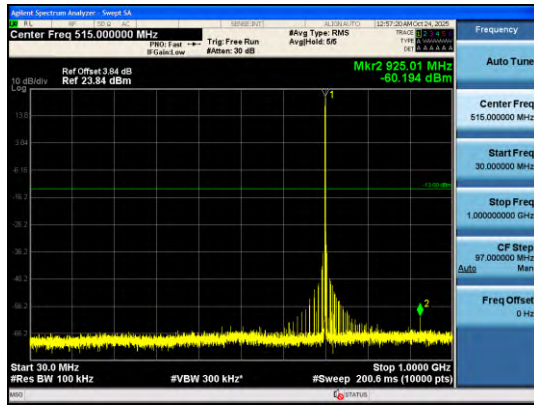
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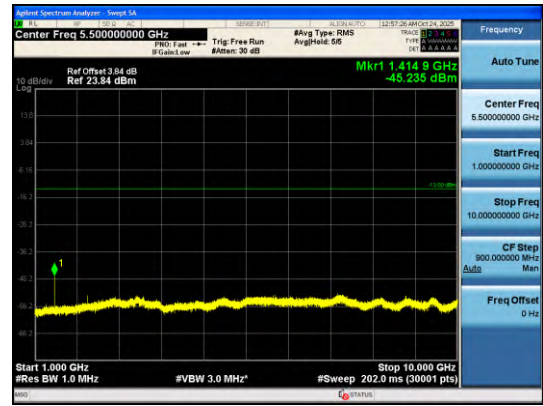
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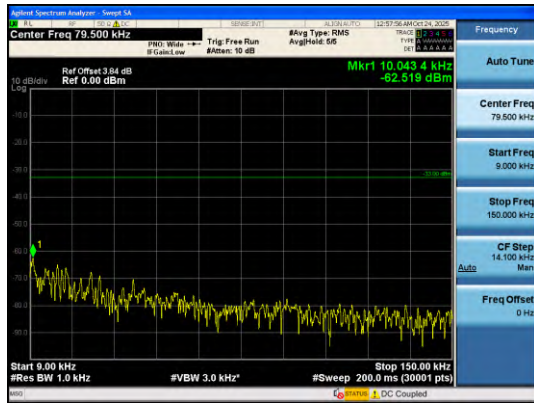
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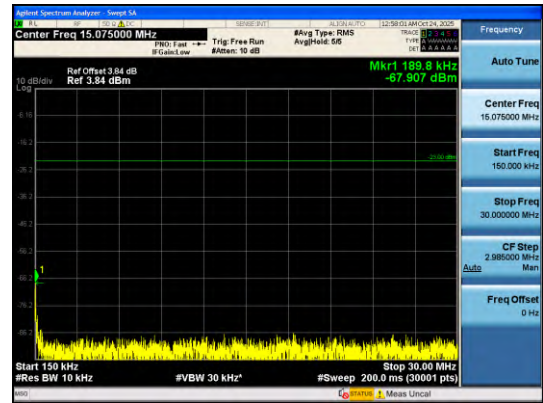
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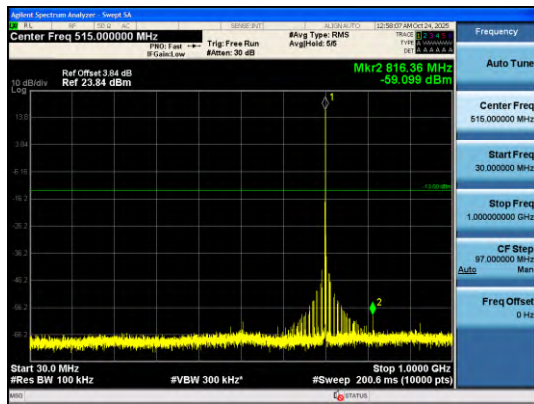
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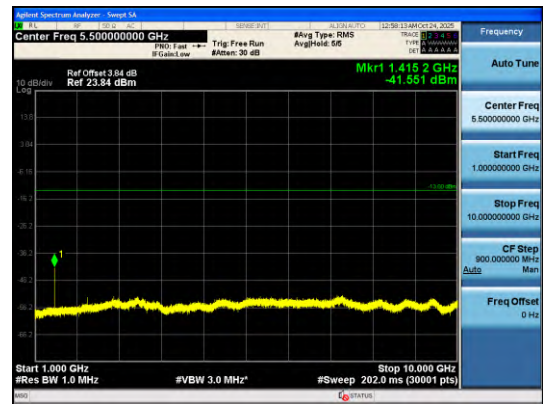
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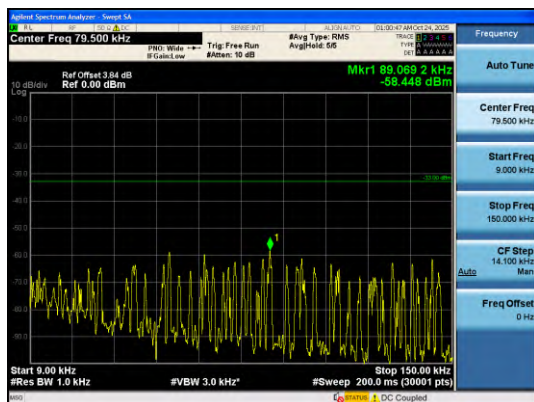
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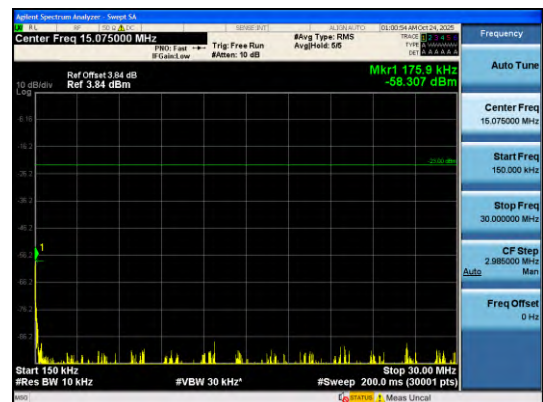
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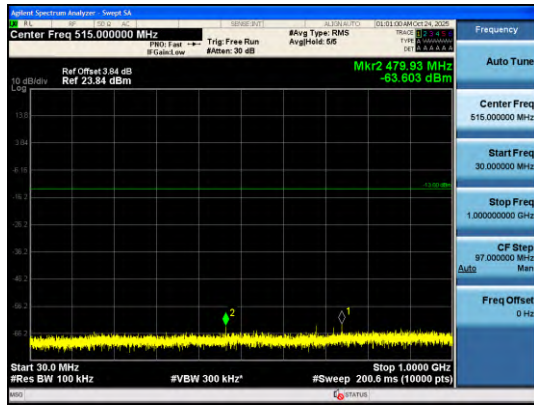
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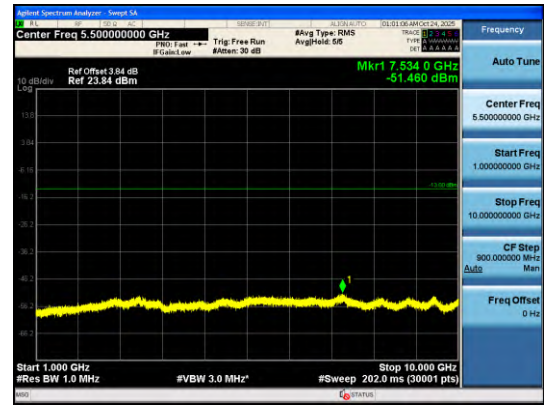
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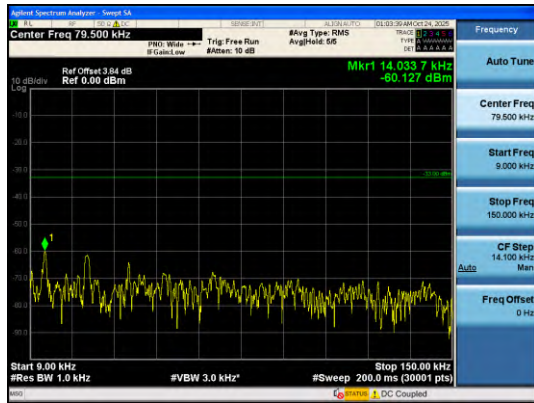
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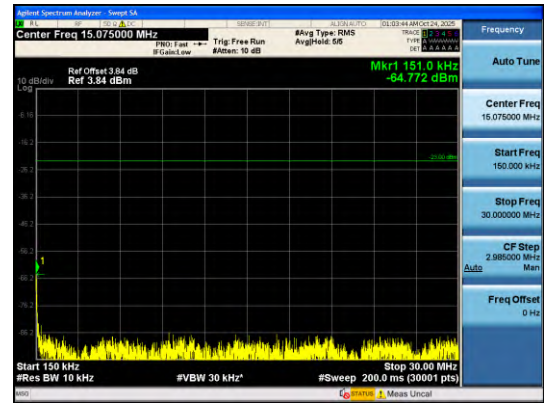
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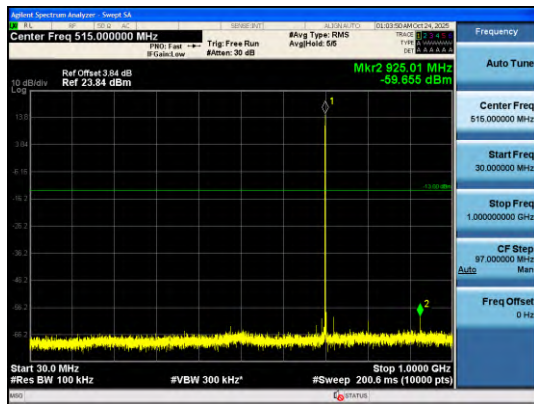
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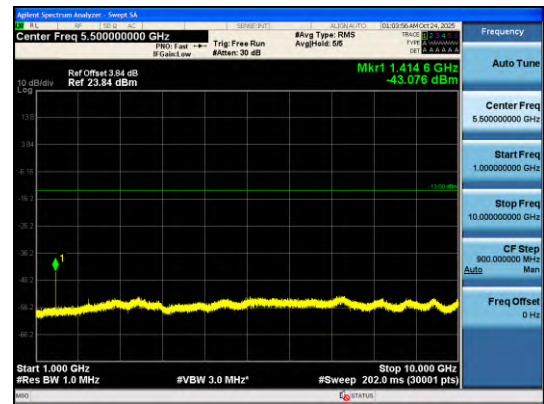
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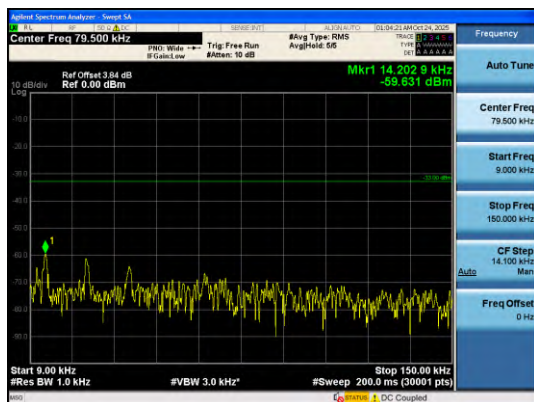
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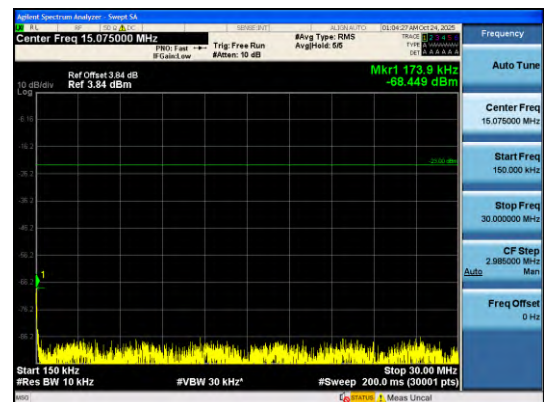
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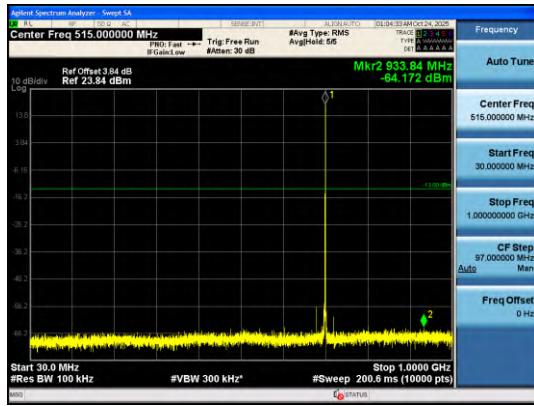
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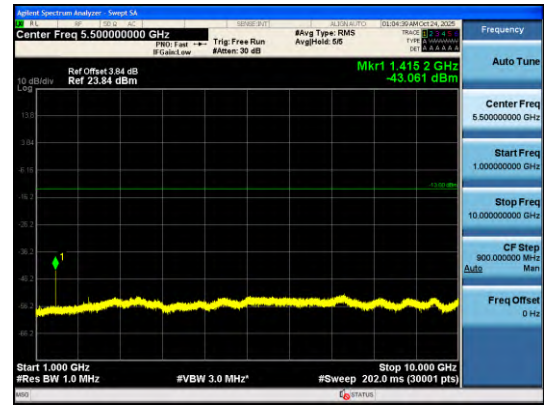
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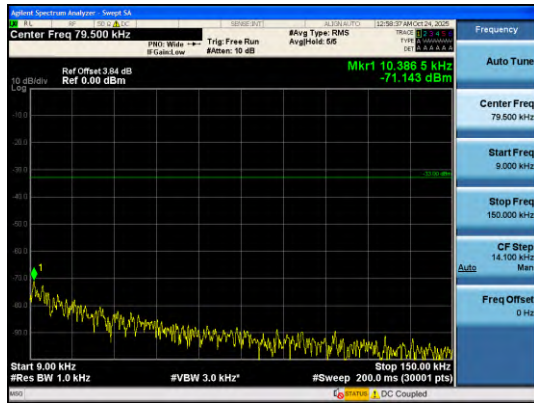
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Band12-0.18-BPSK-23095-30-1000-PASS



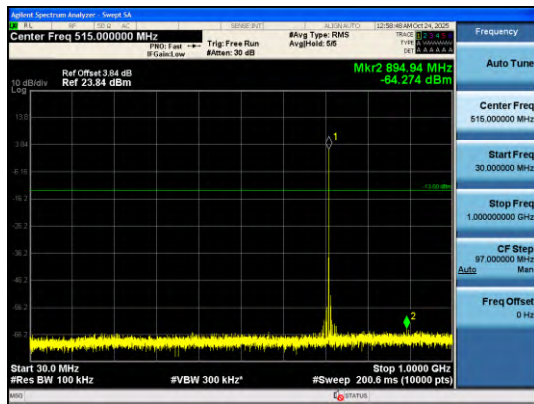
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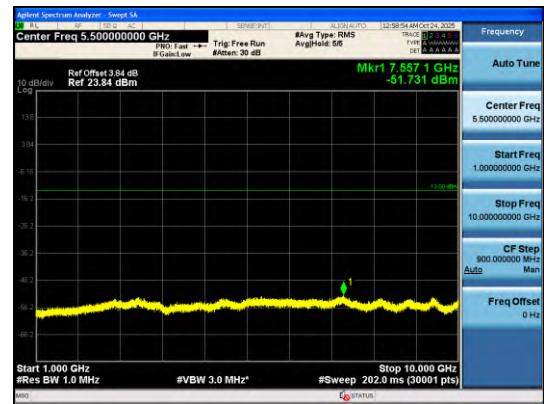
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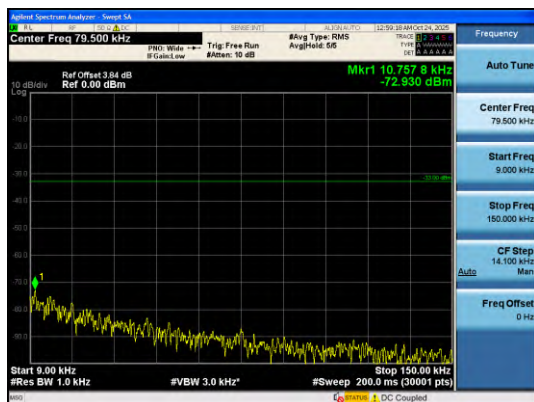
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Band12-0.18-QPSK-23179-30-1000-PASS



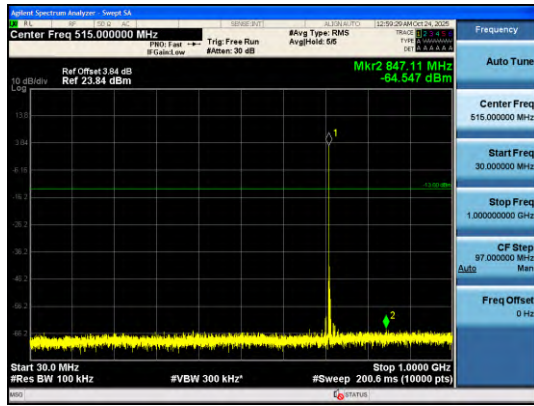
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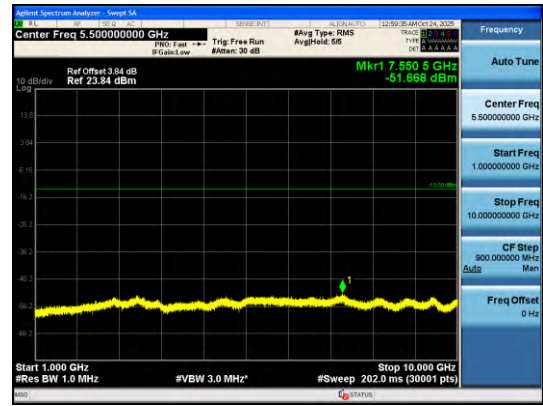
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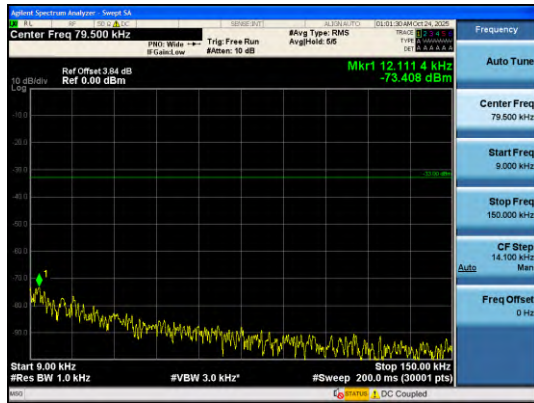
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Band12-0.18-QPSK-23179-30-1000-PASS



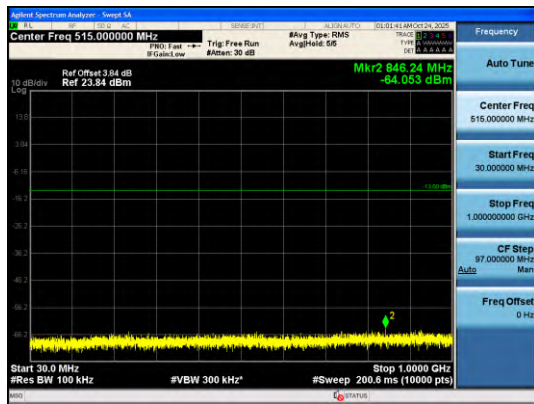
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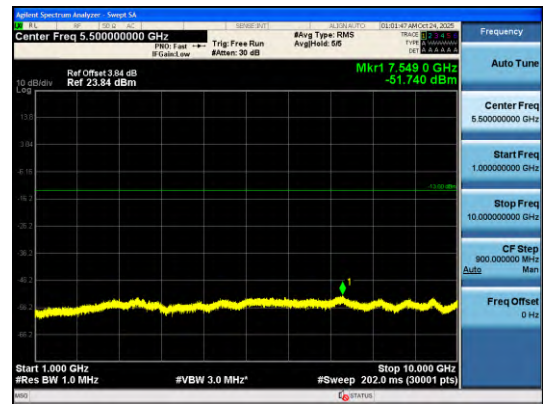
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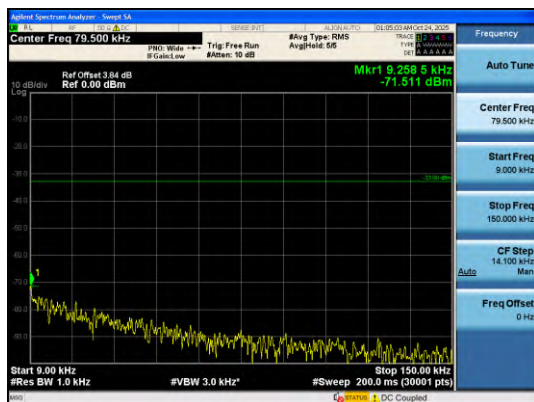
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Band12-0.18-QPSK-23179-30-1000-PASS



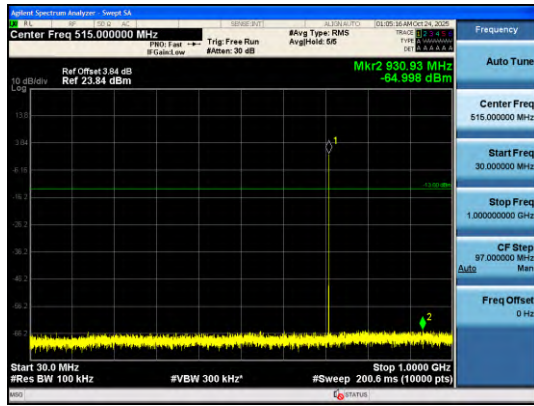
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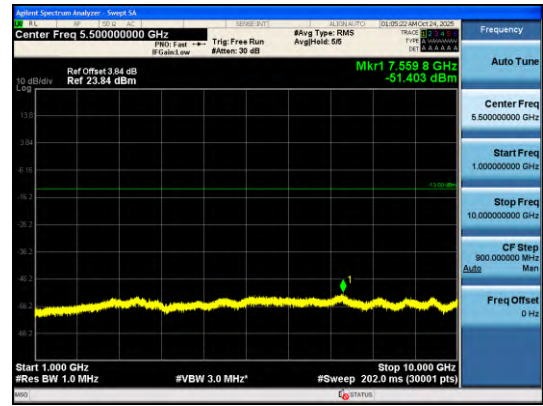
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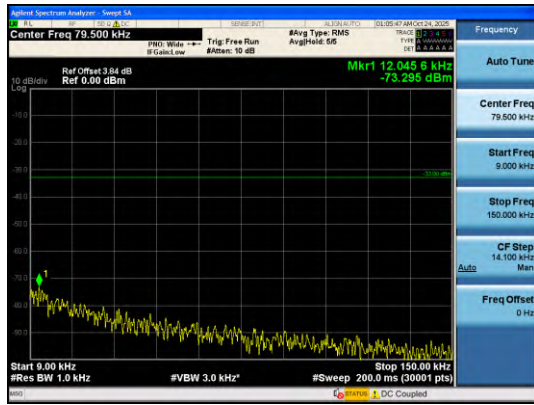
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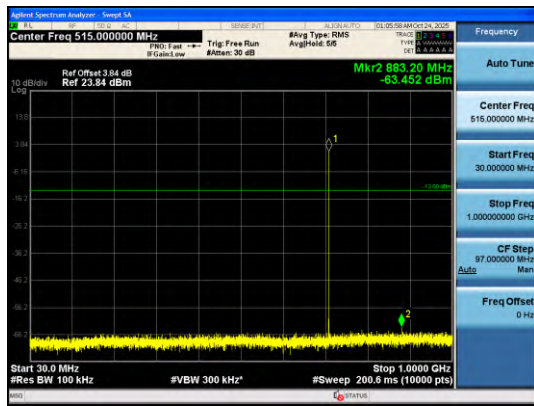
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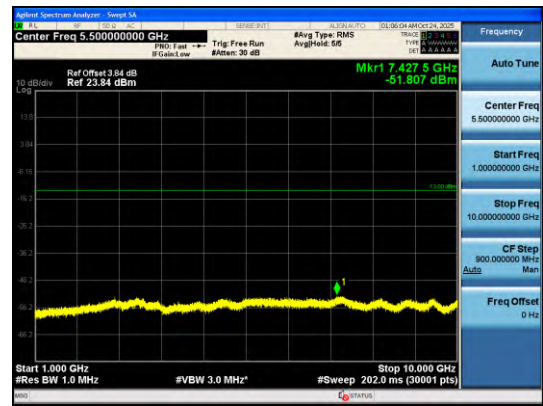
Band12-0.18-BPSK-23179-0.009-0.15-PASS



Band12-0.18-BPSK-23179-0.15-30-PASS



Band12-0.18-BPSK-23179-30-1000-PASS



Band12-0.18-BPSK-23179-1000-10000-PASS

Frequency Stability for NB1

Test Result

Voltage												
Band	OpMode	SCS	Bandwidth	Modulation	Channel	Tones	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	VN	NT	-9.10	-0.012862	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	VL	NT	-5.73	-0.008099	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	VH	NT	-3.04	-0.004297	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	VN	NT	9.39	0.013272	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	VL	NT	7.77	0.010982	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	VH	NT	6.73	0.009512	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	VN	NT	-8.79	-0.012424	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	VL	NT	-10.37	-0.014657	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	VH	NT	-9.26	-0.013088	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	VN	NT	-8.31	-0.011746	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	VL	NT	-8.43	-0.011915	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	VH	NT	-11.31	-0.015986	±2.5	PASS

Temperature												
Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	-30	4.45	0.006290	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	-20	6.14	0.008678	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	-10	8.00	0.011307	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	0	8.73	0.012339	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	10	9.68	0.013682	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	20	11.40	0.016113	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	30	11.93	0.016862	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	40	14.61	0.020650	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@0	NV	50	14.29	0.020198	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	-30	15.72	0.022219	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	-20	16.42	0.023208	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	-10	17.22	0.024339	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	0	16.42	0.023208	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	10	16.71	0.023618	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	20	17.22	0.024339	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	30	18.18	0.025696	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	40	18.02	0.025470	±2.5	PASS
Band12	Stand-Alone	3.75kHz	0.18	QPSK	23095	1@47	NV	50	18.85	0.026643	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	-30	-7.14	-0.010092	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	-20	-10.19	-0.014403	±2.5	PASS

Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	-10	-8.08	-0.011420	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	0	-9.41	-0.013300	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	10	-8.27	-0.011689	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	20	-7.97	-0.011265	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	30	-7.77	-0.010982	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	40	-7.55	-0.010671	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@0	NV	50	-9.24	-0.013060	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	-30	-8.94	-0.012636	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	-20	-7.71	-0.010898	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	-10	-8.98	-0.012693	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	0	-8.85	-0.012509	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	10	-9.48	-0.013399	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	20	-7.57	-0.010700	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	30	-9.90	-0.013993	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	40	-7.84	-0.011081	±2.5	PASS
Band12	Stand-Alone	15kHz	0.18	QPSK	23095	1@11	NV	50	-10.23	-0.014459	±2.5	PASS