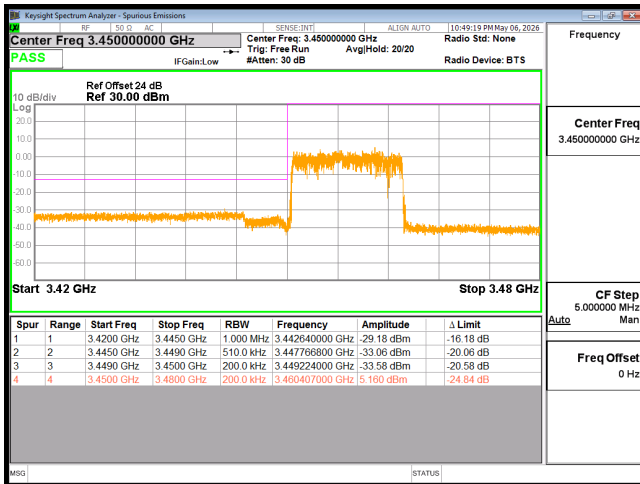
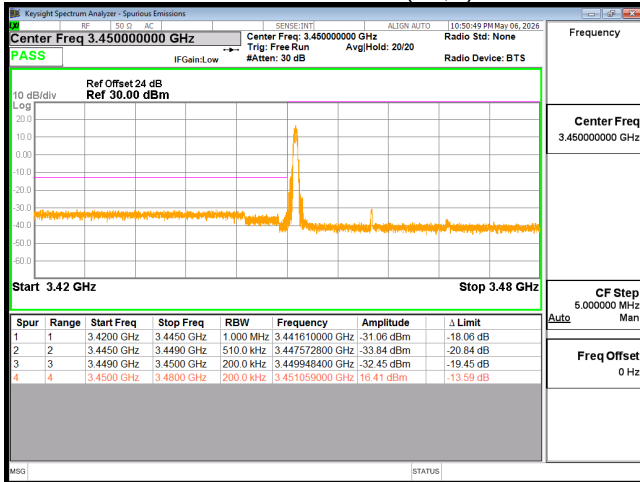
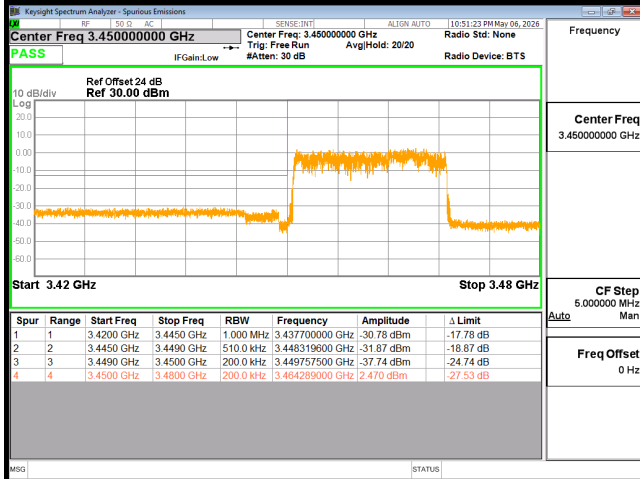




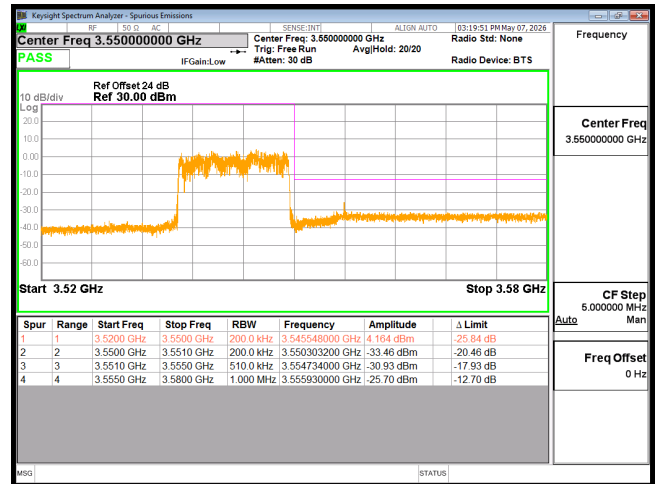
EDGE n77 15M CH630500 BPSK(36,0)



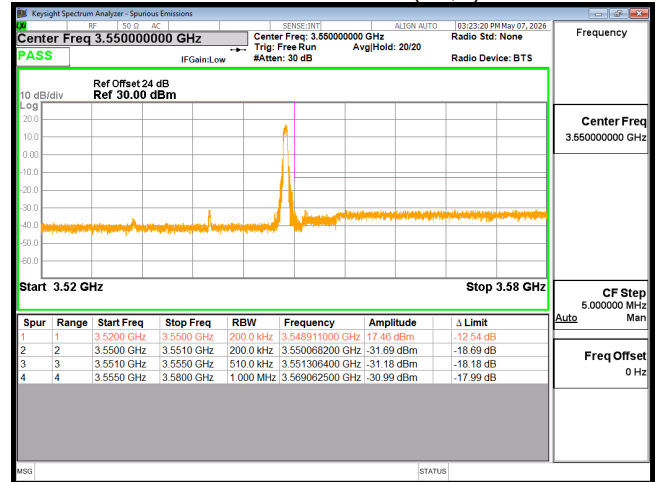
EDGE n77 20M CH630668 BPSK(1,0)



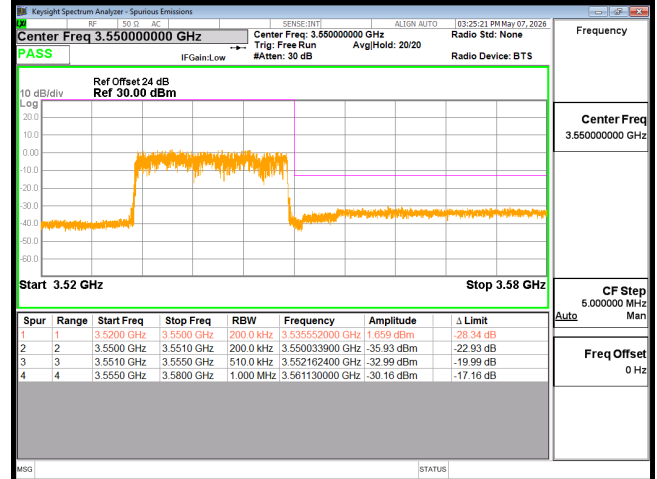
EDGE n77 20M CH630668 BPSK(50,0)



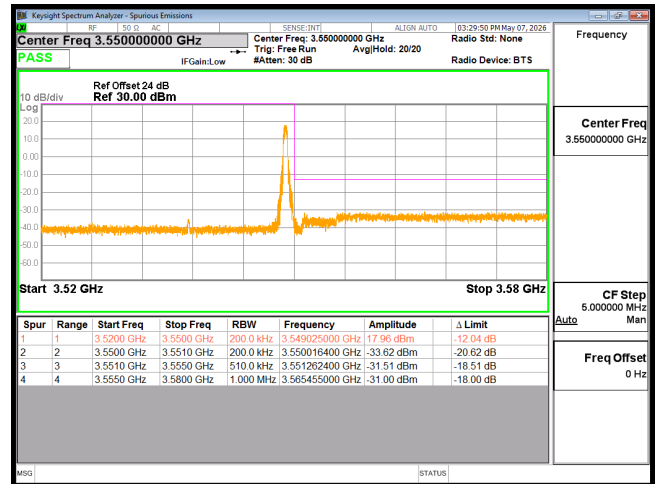
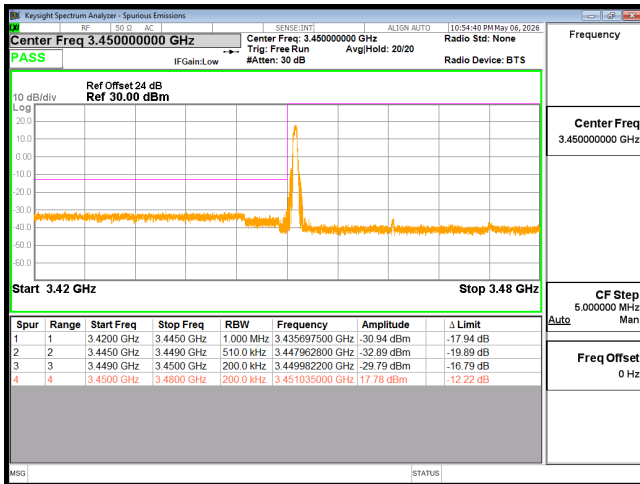
EDGE n77 15M CH636166 BPSK(36,2)



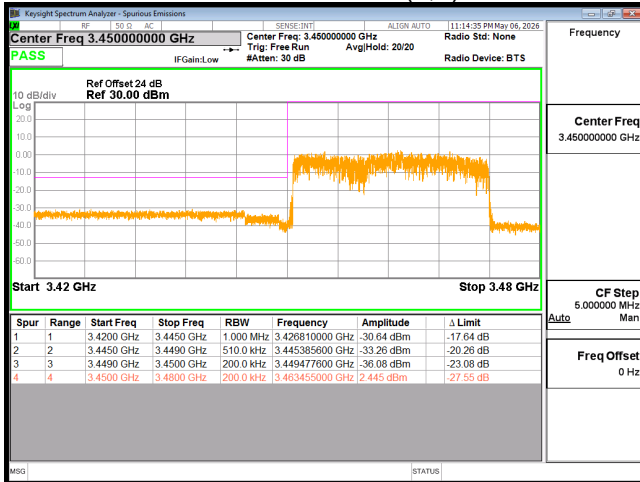
EDGE n77 20M CH636000 BPSK(1,50)



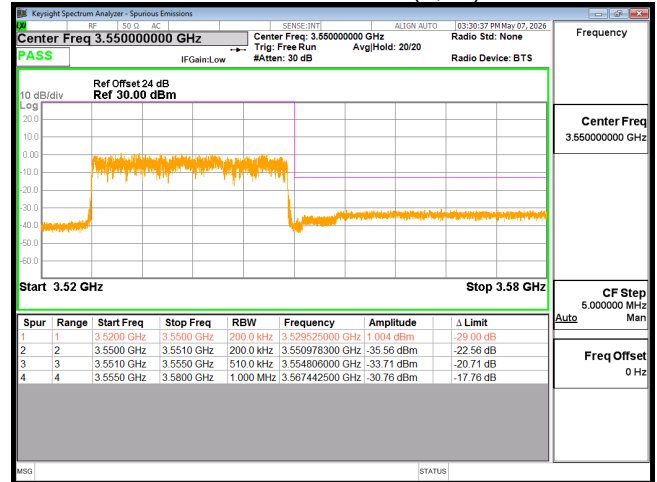
EDGE n77 20M CH636000 BPSK(50,1)



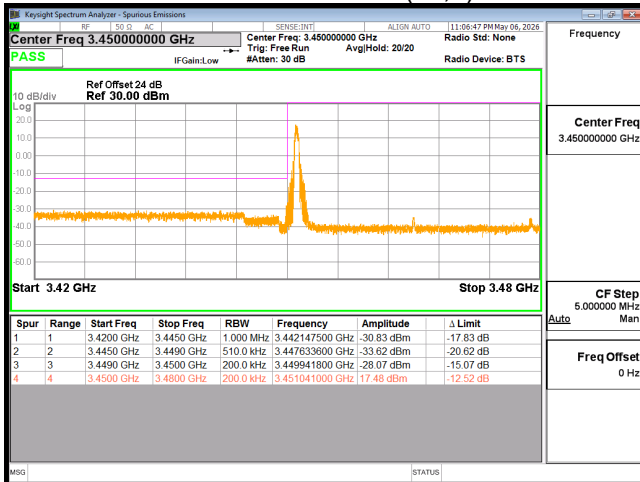
EDGE n77 25M CH630834 BPSK(1,0)



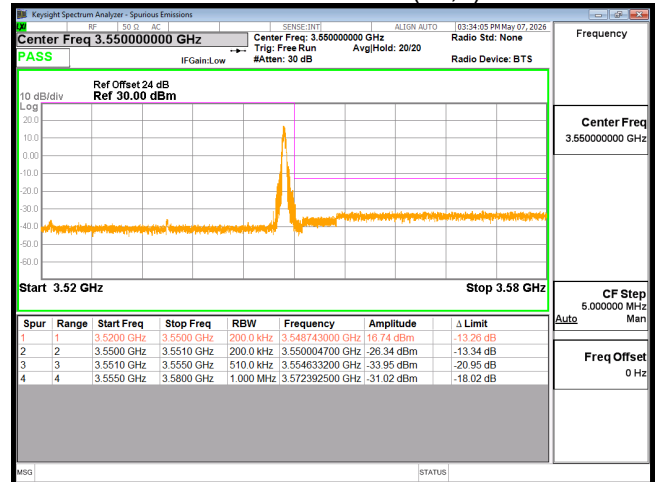
EDGE n77 25M CH635832 BPSK(1,64)



EDGE n77 25M CH630834 BPSK(64,0)

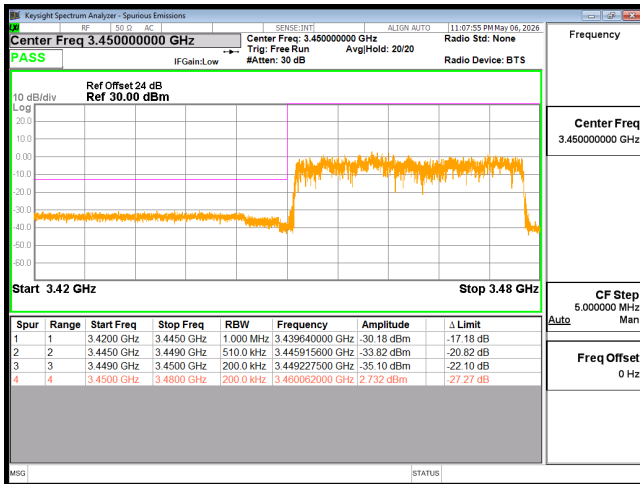


EDGE n77 25M CH635832 BPSK(64,1)

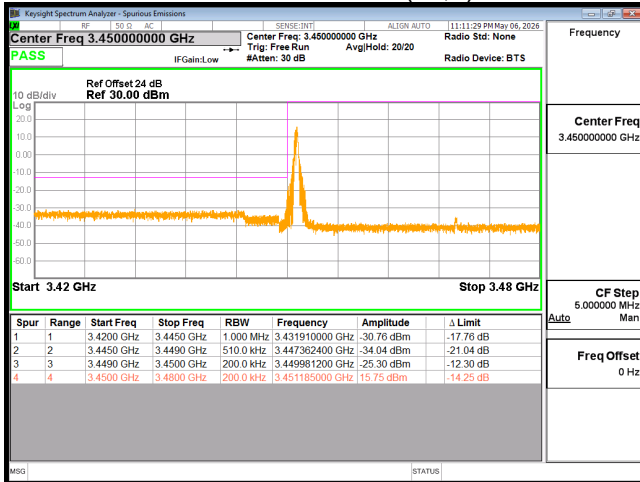


EDGE n77 30M CH631000 BPSK(1,0)

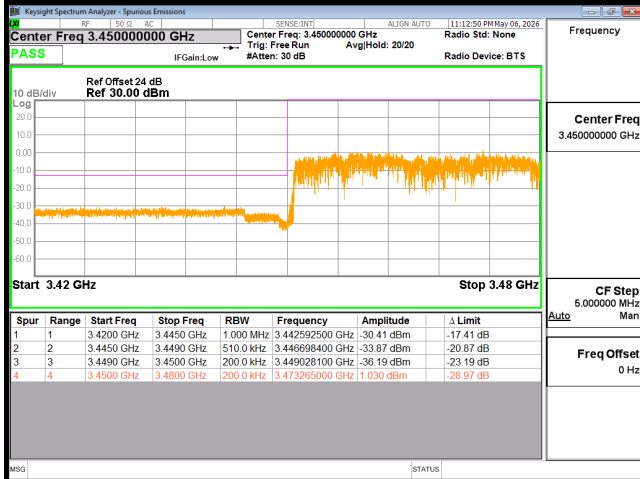
EDGE n77 30M CH635666 BPSK(1,77)



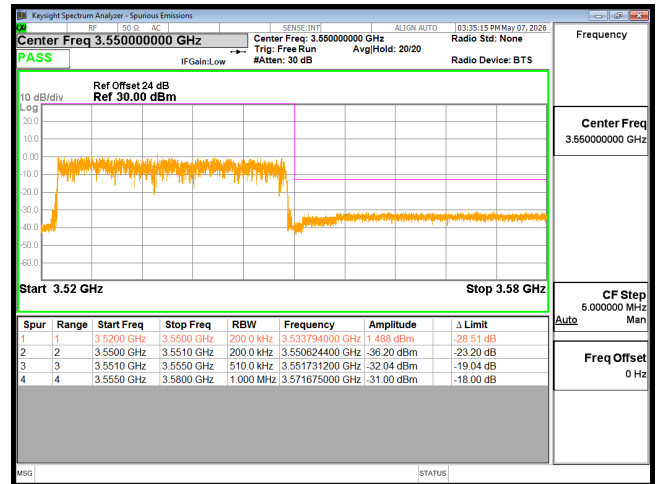
EDGE n77 30M CH631000 BPSK(75,0)



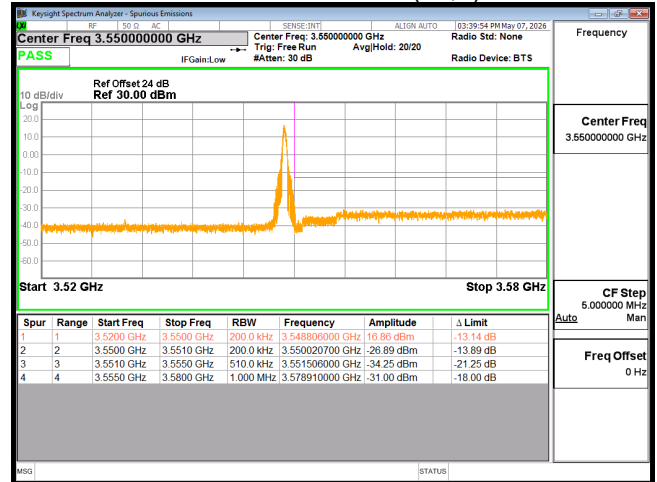
EDGE n77 40M CH631334 BPSK(1,0)



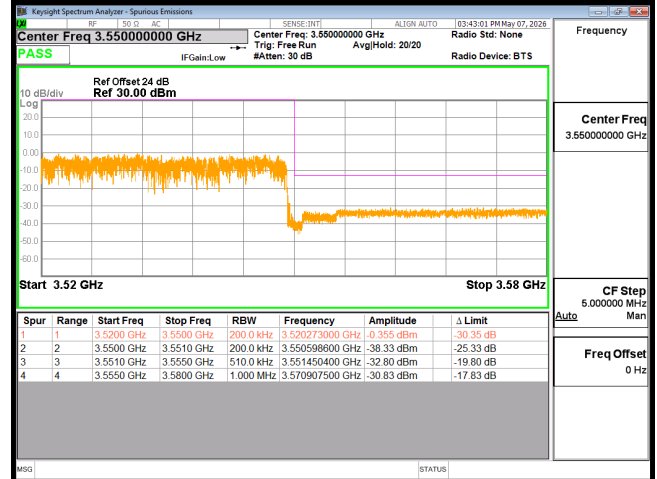
EDGE n77 40M CH631334 BPSK(100,0)



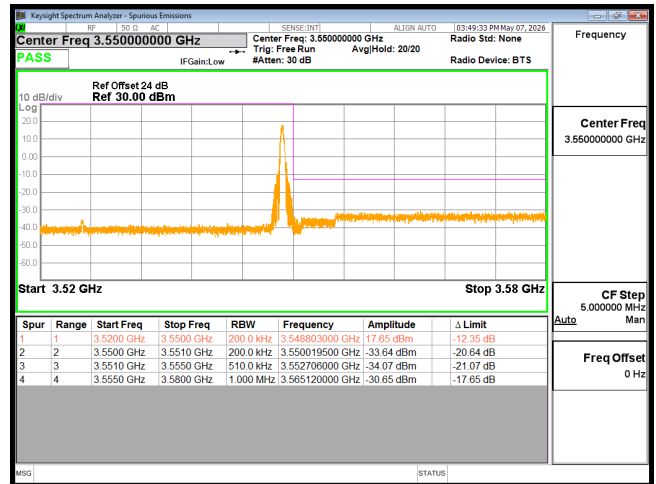
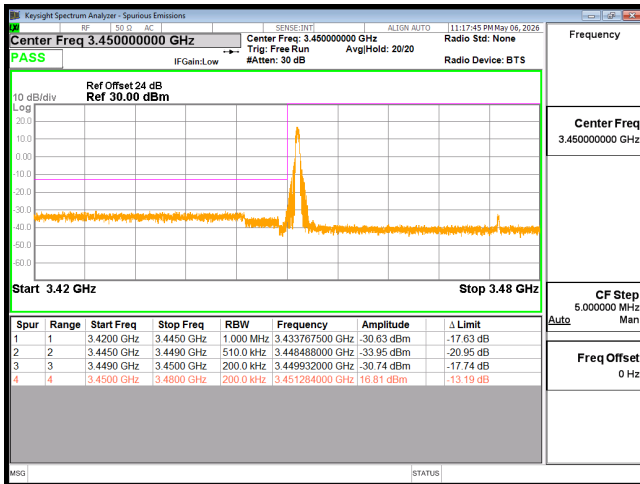
EDGE n77 30M CH635666 BPSK(75,3)



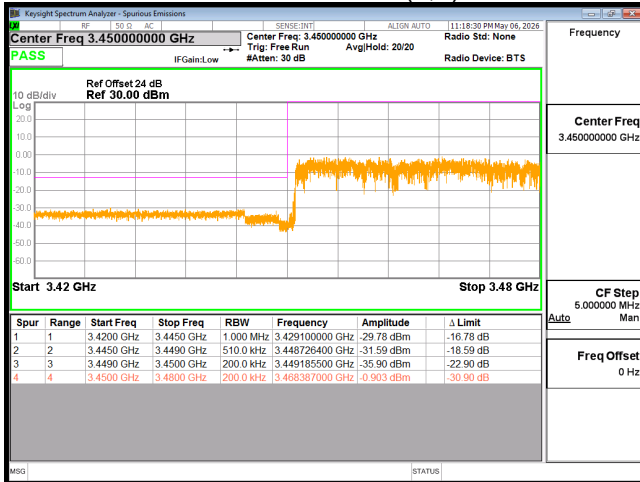
EDGE n77 40M CH635332 BPSK(1,105)



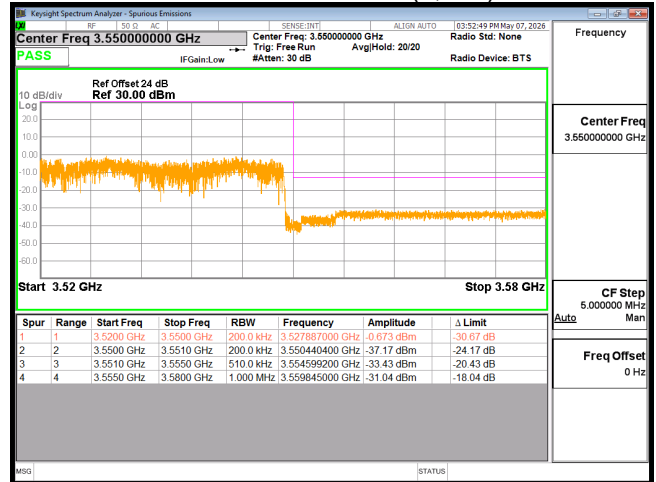
EDGE n77 40M CH635332 BPSK(100,6)



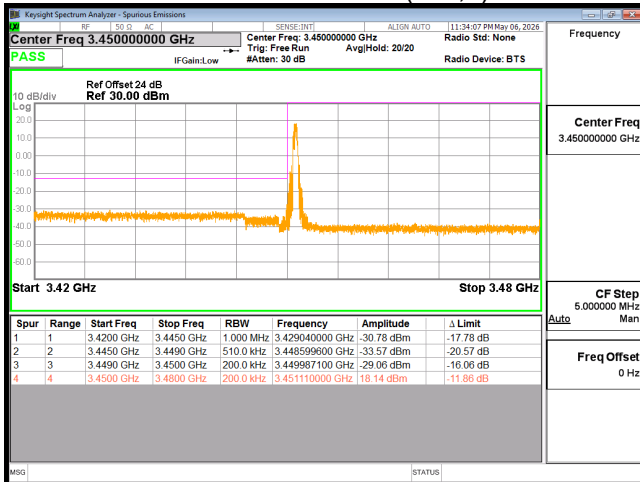
EDGE n77 50M CH631668 BPSK(1,0)



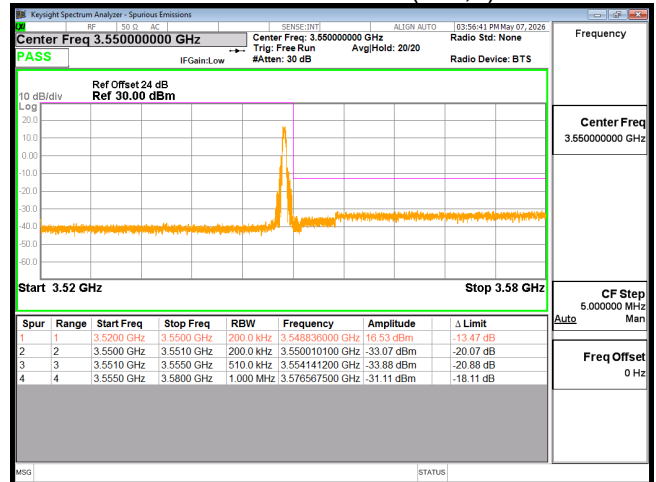
EDGE n77 50M CH635000 BPSK(1,132)



EDGE n77 50M CH631668 BPSK(128,0)

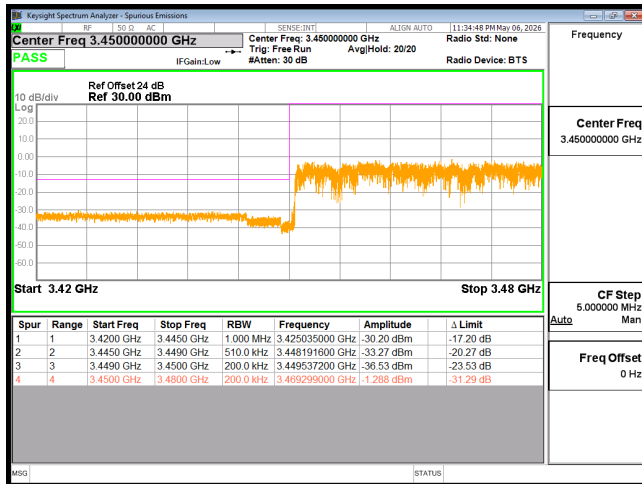


EDGE n77 50M CH635000 BPSK(128,5)

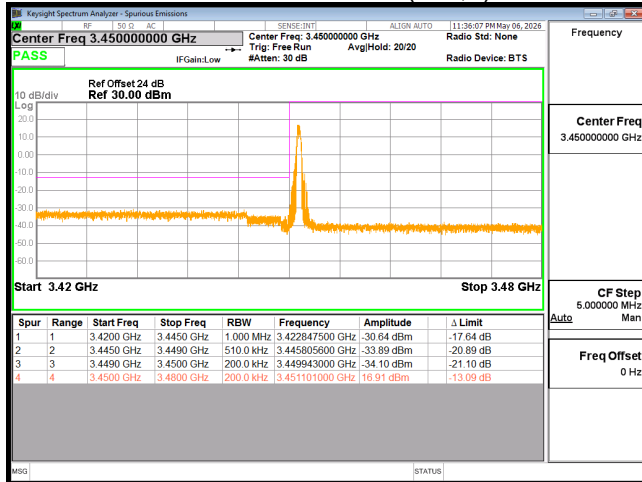


EDGE n77 60M CH632000 BPSK(1,0)

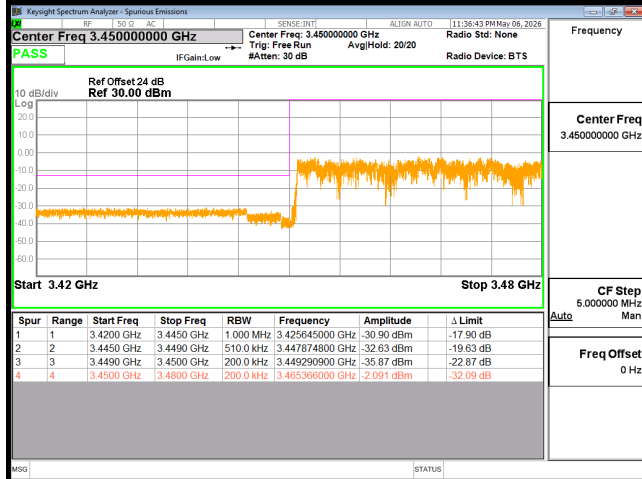
EDGE n77 60M CH634666 BPSK(1,161)



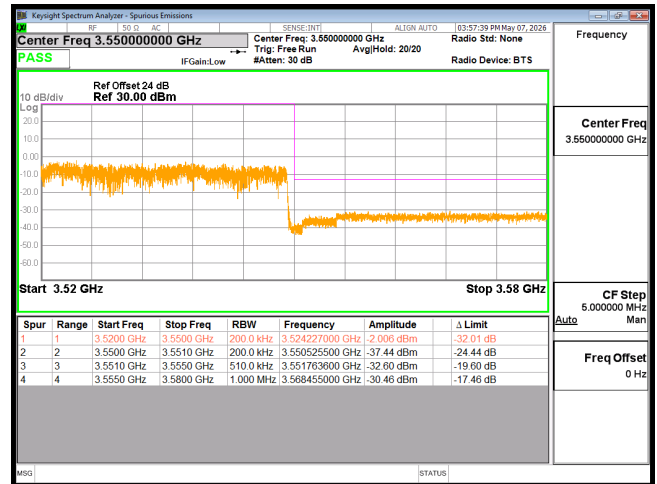
EDGE n77 60M CH632000 BPSK(162,0)



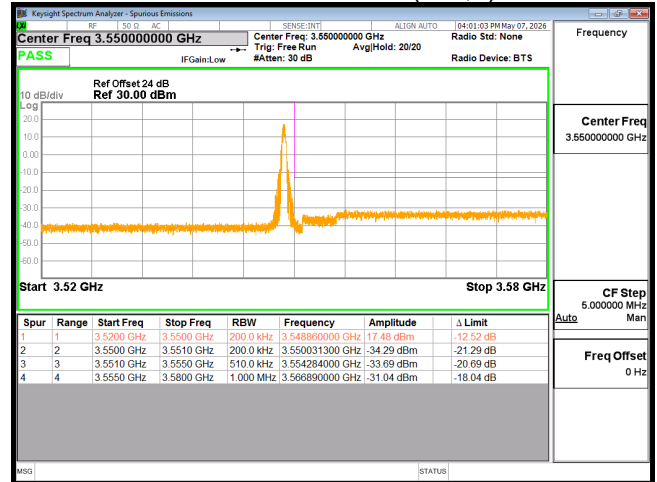
EDGE n77 70M CH632334 BPSK(1,0)



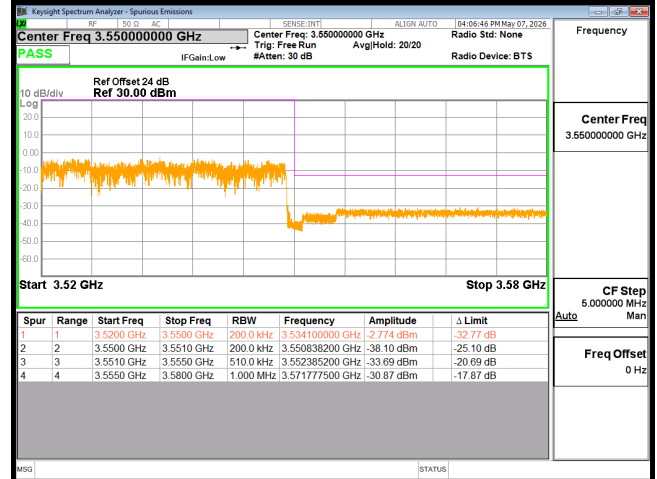
EDGE n77 70M CH632334 BPSK(180,0)



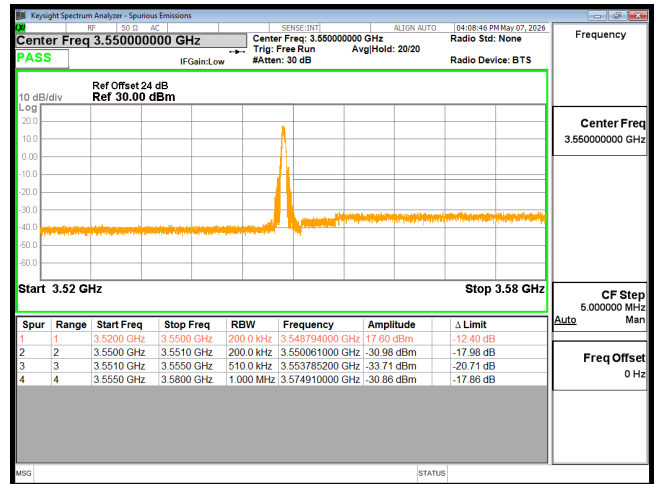
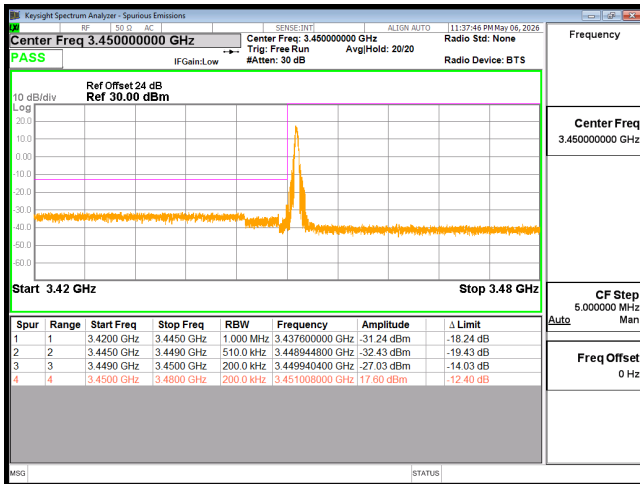
EDGE n77 60M CH634666 BPSK(162,0)



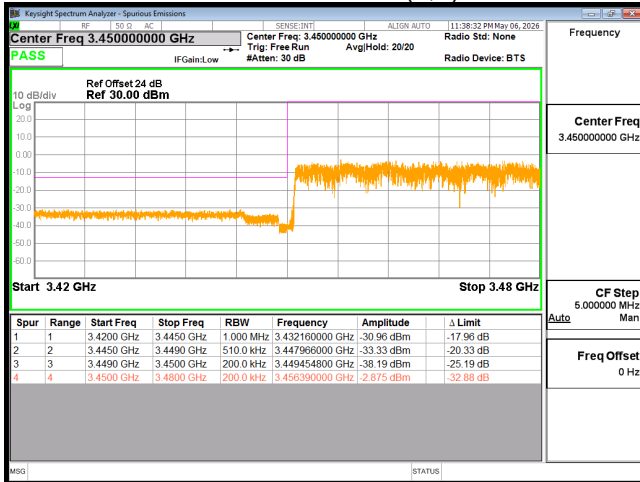
EDGE n77 70M CH634332 BPSK(1,188)



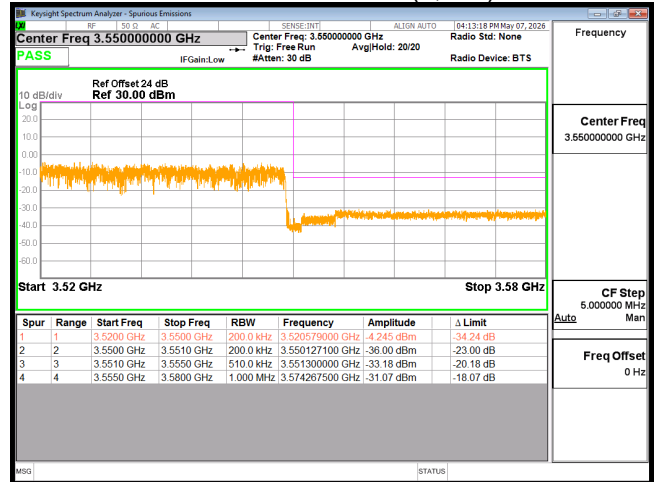
EDGE n77 70M CH634332 BPSK(180,9)



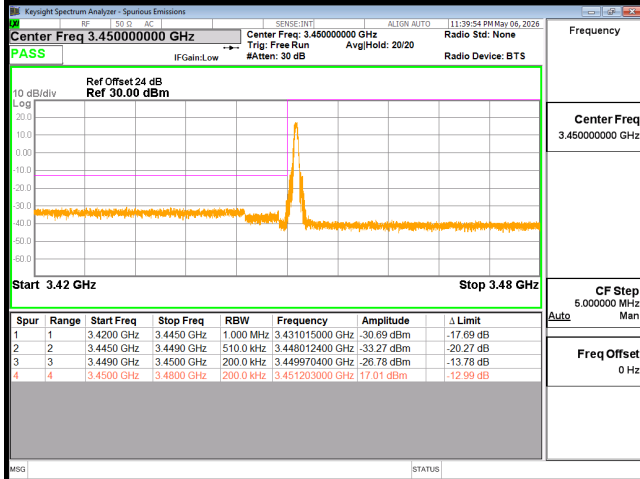
EDGE n77 80M CH632668 BPSK(1,0)



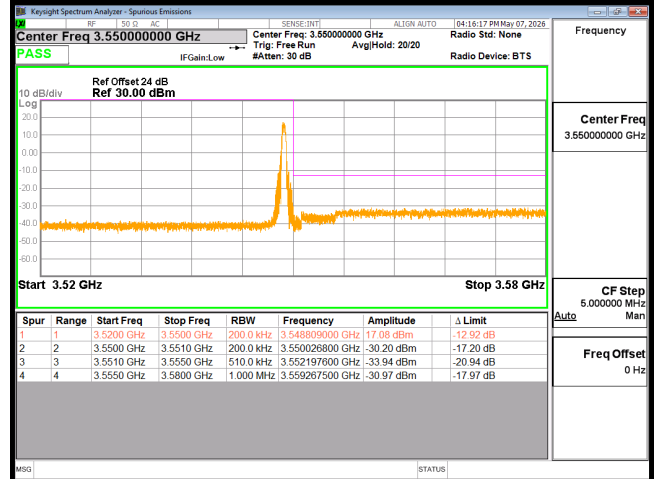
EDGE n77 80M CH634000 BPSK(1,216)



EDGE n77 80M CH632668 BPSK(216,0)

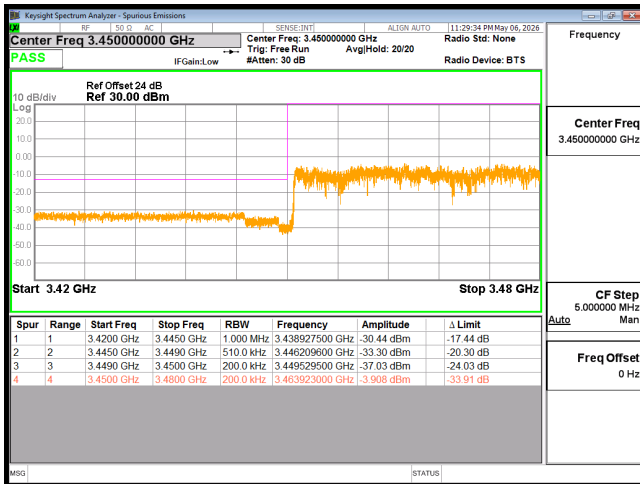


EDGE n77 80M CH634000 BPSK(216,1)

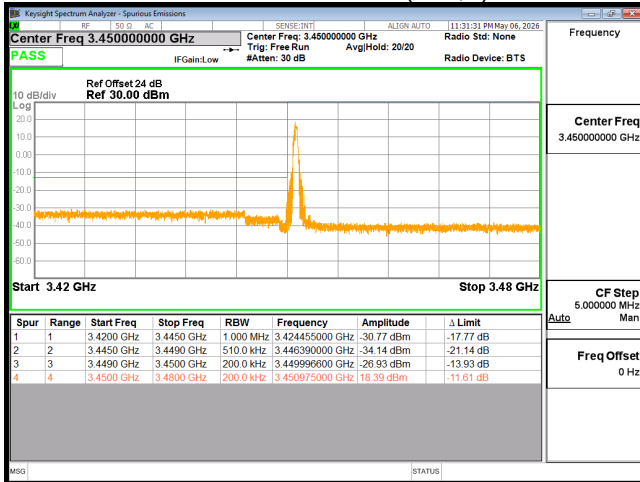


EDGE n77 90M CH633000 BPSK(1,0)

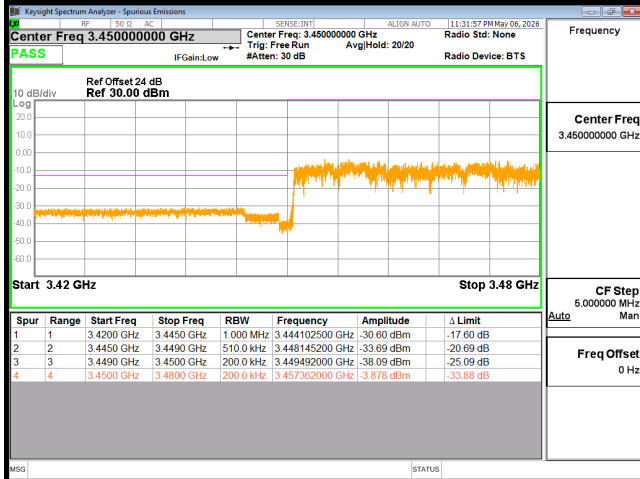
EDGE n77 90M CH633666 BPSK(1,244)



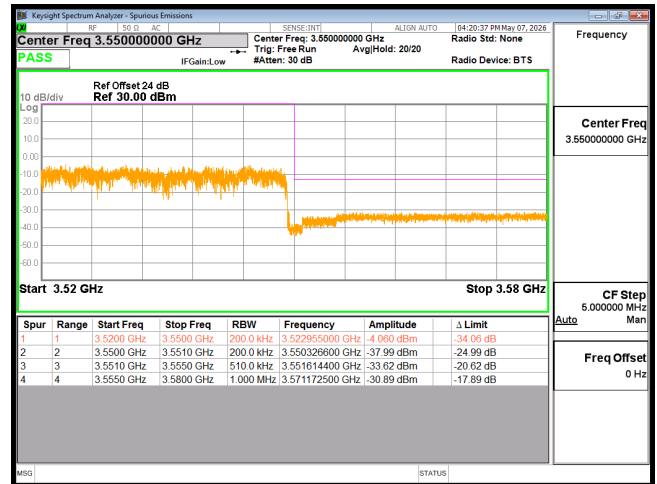
EDGE n77 90M CH633000 BPSK(243,0)



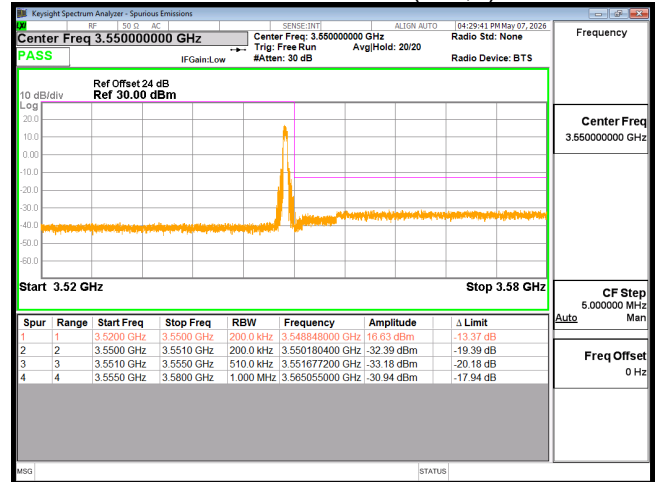
EDGE n77 100M CH633334 BPSK(1,0)



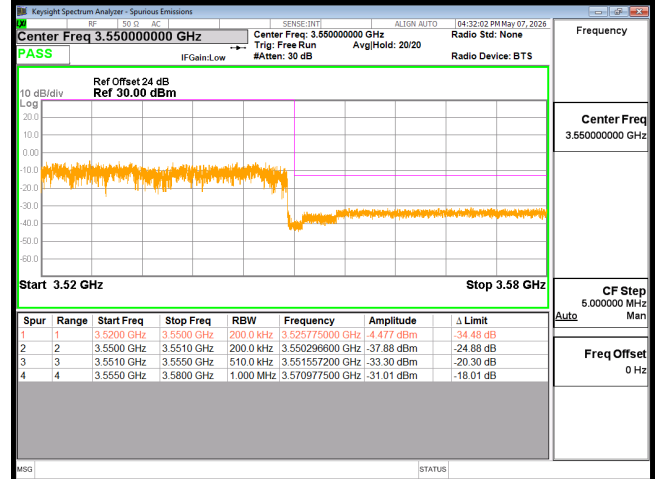
EDGE n77 100M CH633334 BPSK(270,0)



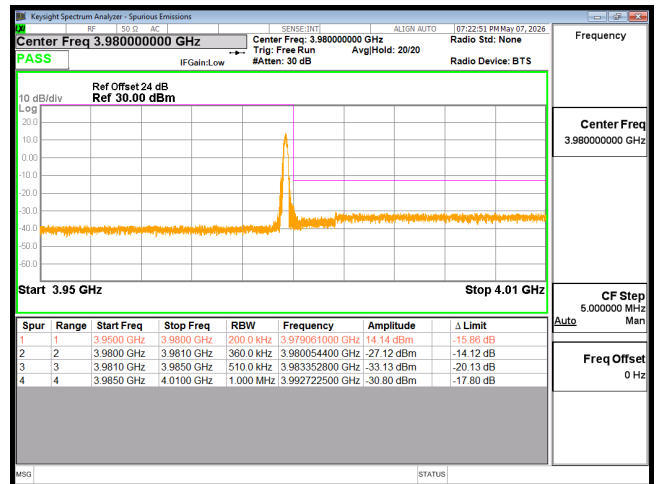
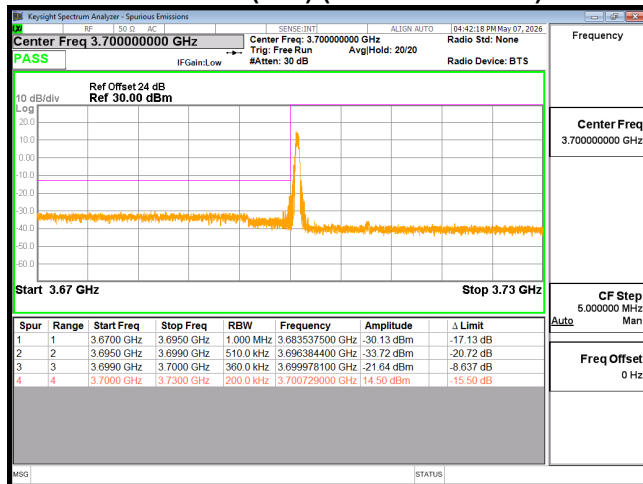
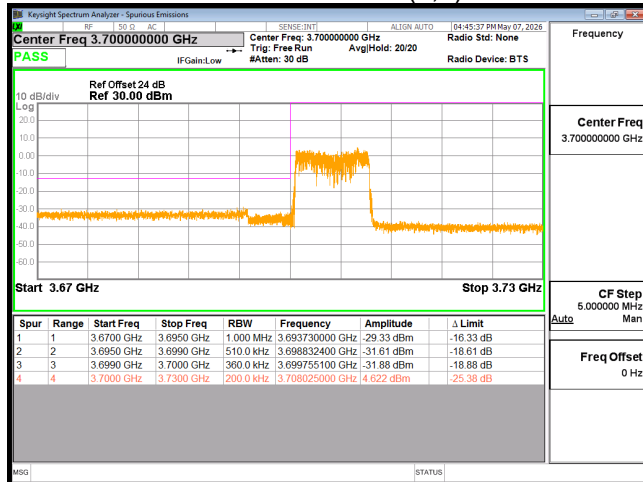
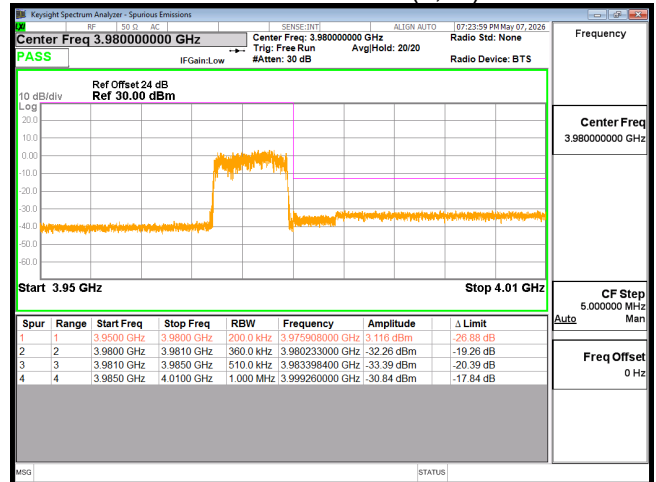
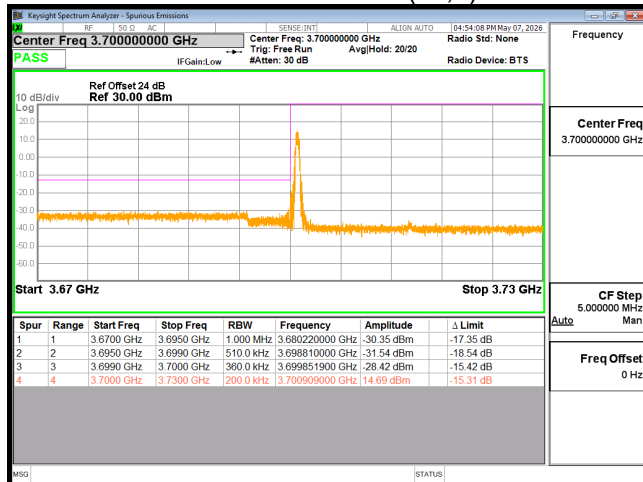
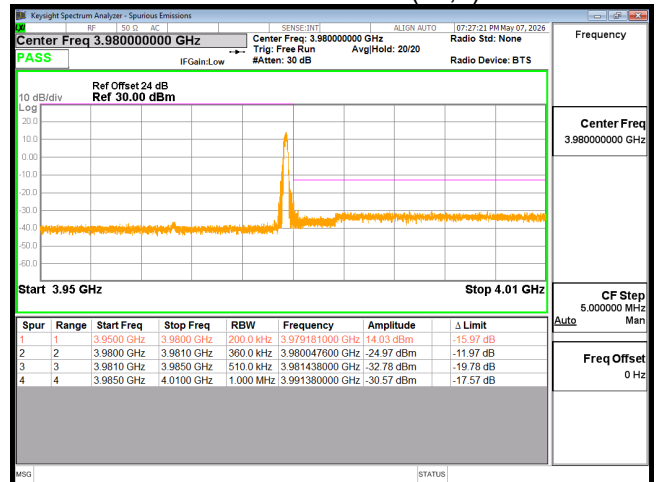
EDGE n77 90M CH633666 BPSK(243,2)

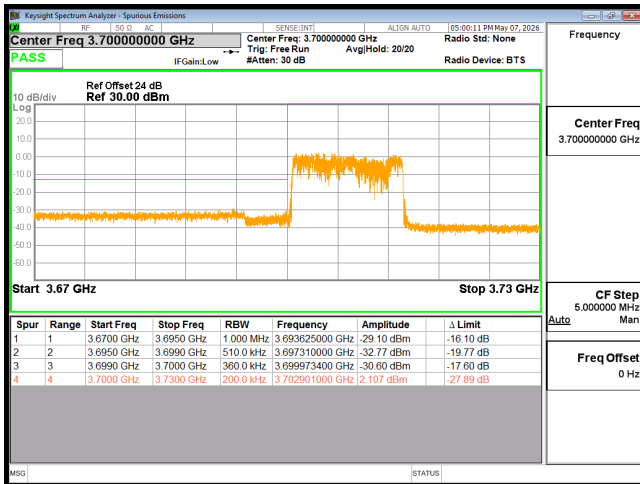


EDGE n77 100M CH633334 BPSK(1,272)

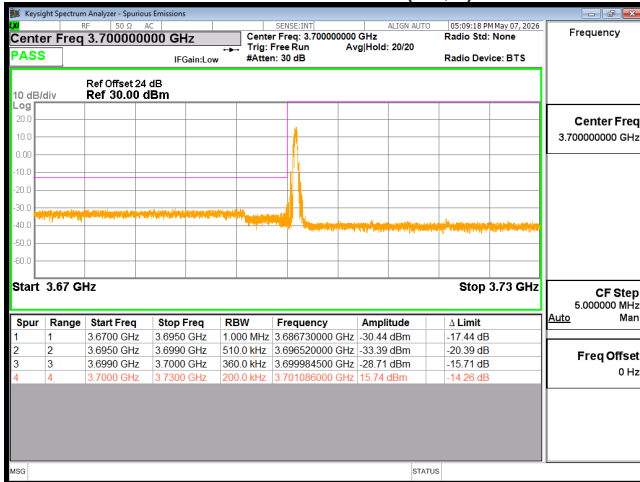


EDGE n77 100M CH633334 BPSK(270,3)

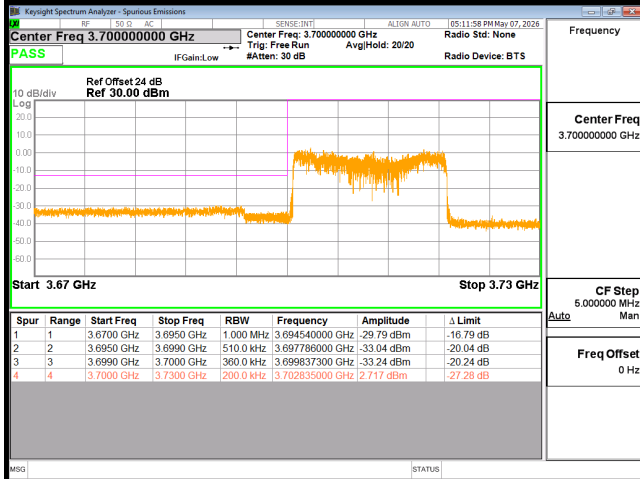
Mode 4: 5G NR n77(n78) (3700 - 3980 MHz)**EDGE n77 10M CH647000 BPSK(1,0)****EDGE n77 10M CH665000 BPSK(1,23)****EDGE n77 10M CH647000 BPSK(24,0)****EDGE n77 10M CH665000 BPSK(24,0)****EDGE n77 15M CH647168 BPSK(1,0)****EDGE n77 15M CH664832 BPSK(1,37)**



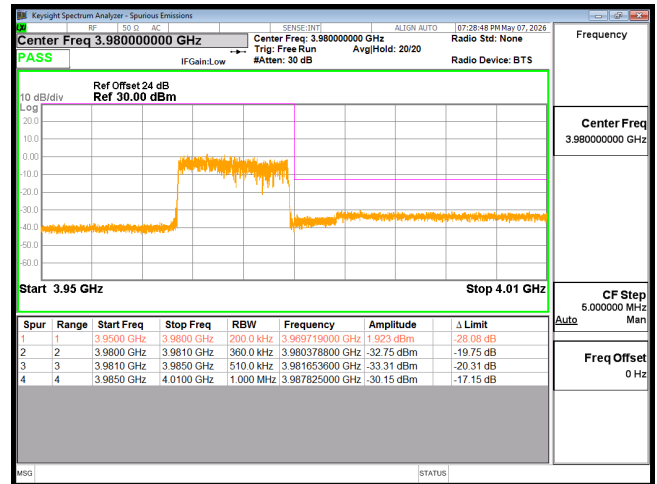
EDGE n77 15M CH647168 BPSK(36,0)



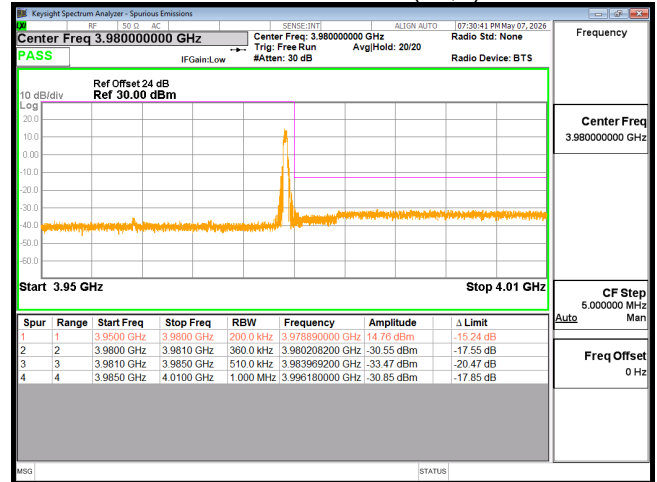
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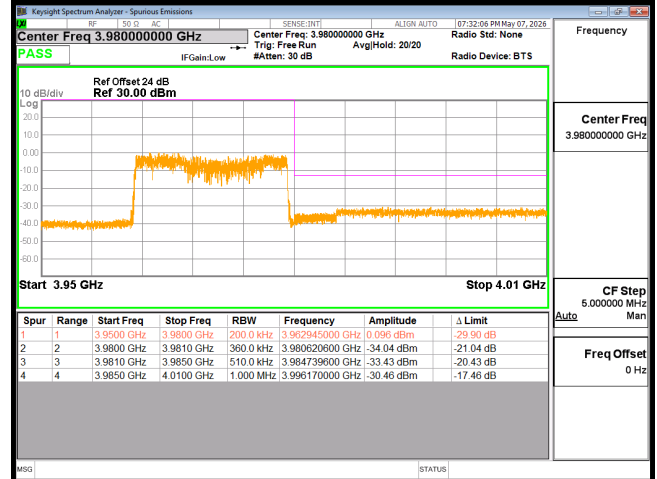
EDGE n77 20M CH647334 BPSK(50,0)



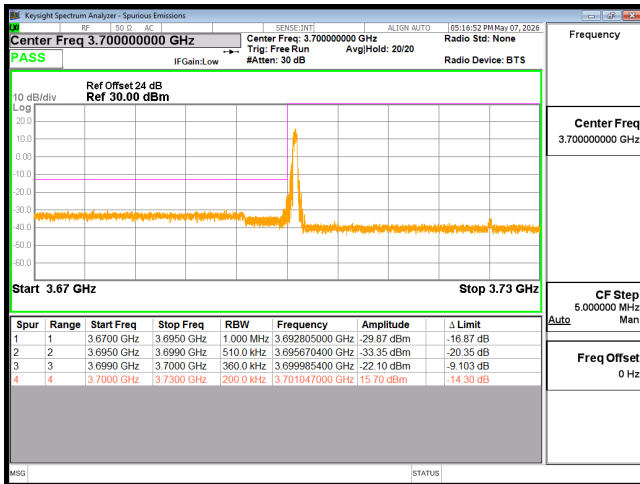
EDGE n77 15M CH664832 BPSK(36,2)



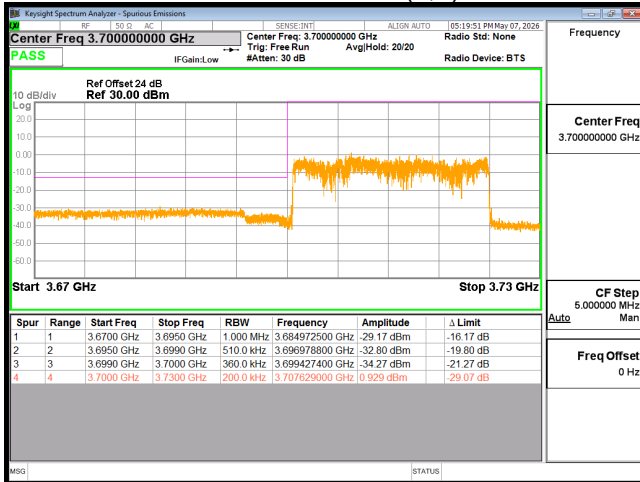
EDGE n77 20M CH664666 BPSK(1,50)



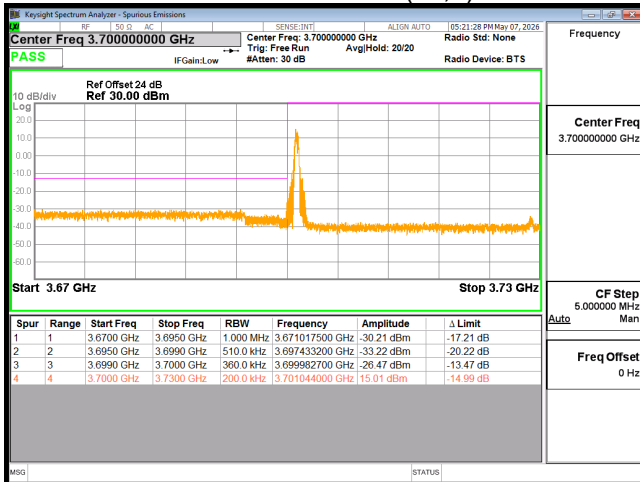
EDGE n77 20M CH664666 BPSK(50,1)



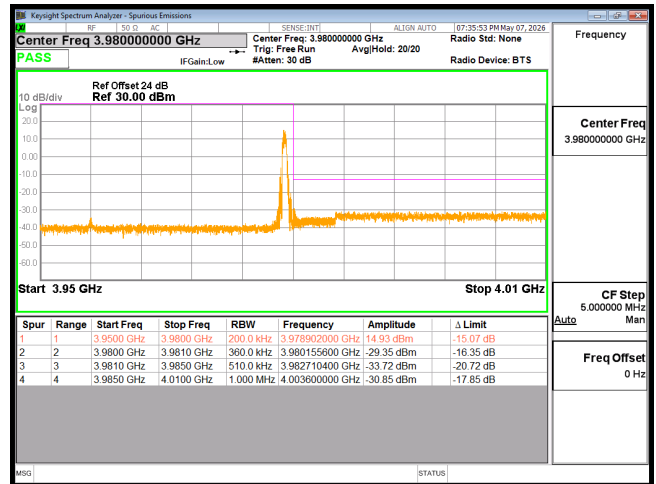
EDGE n77 25M CH647500 BPSK(1,0)



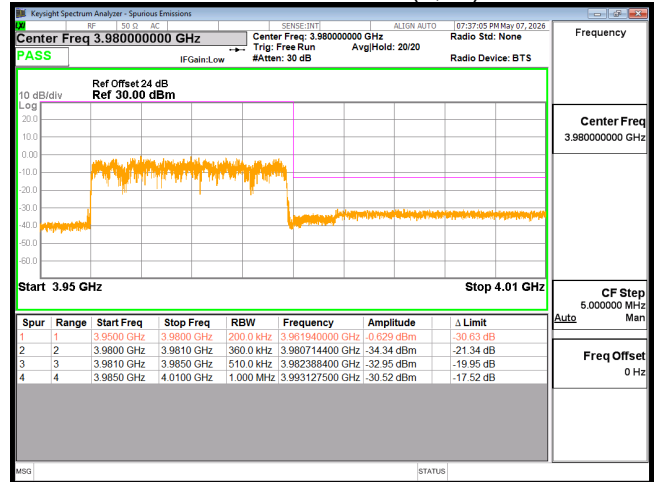
EDGE n77 25M CH647500 BPSK(64,0)



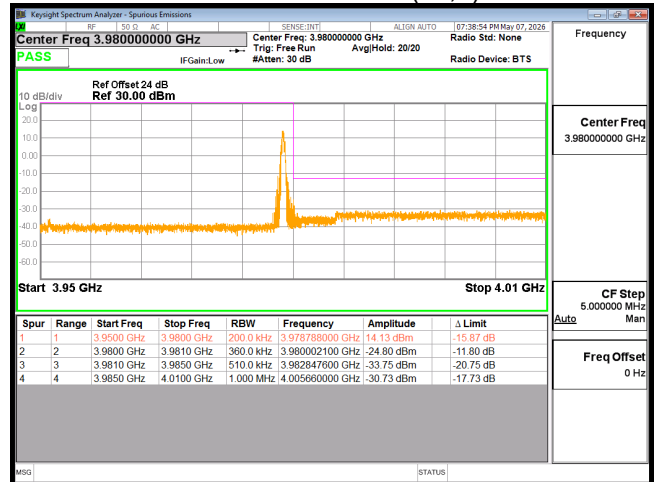
EDGE n77 30M CH647668 BPSK(1,0)



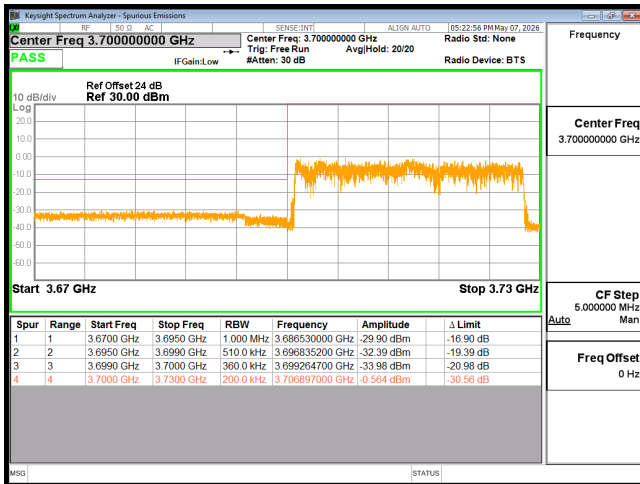
EDGE n77 25M CH664500 BPSK(1,64)



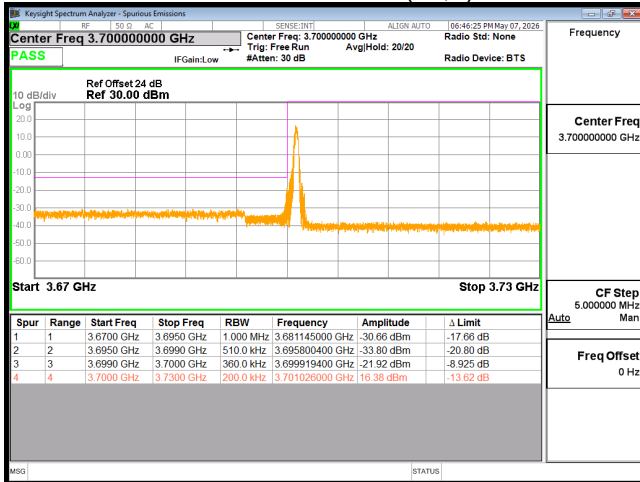
EDGE n77 25M CH664500 BPSK(64,1)



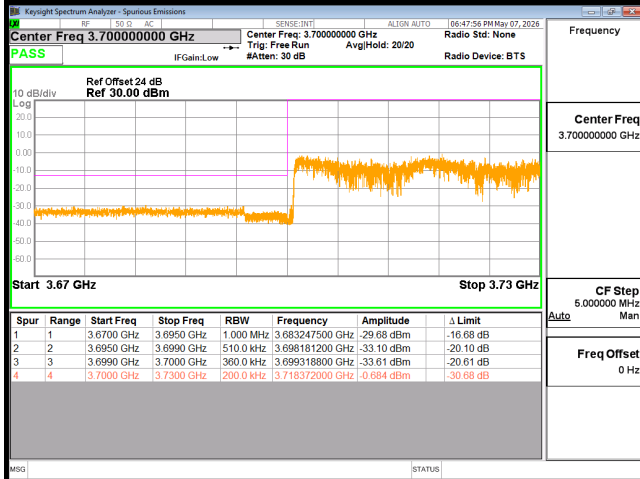
EDGE n77 30M CH664332 BPSK(1,77)



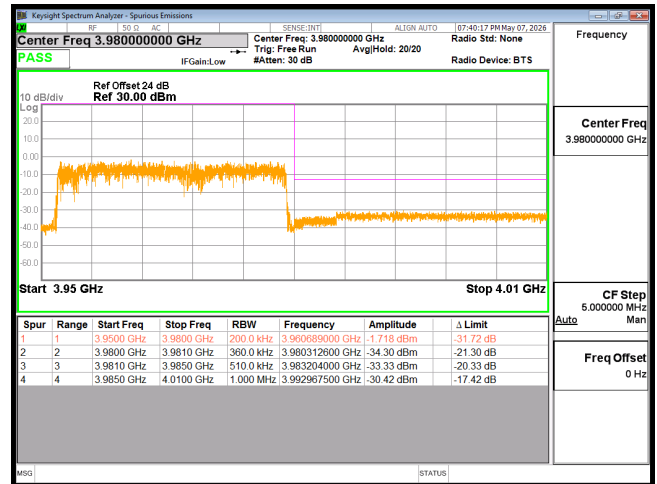
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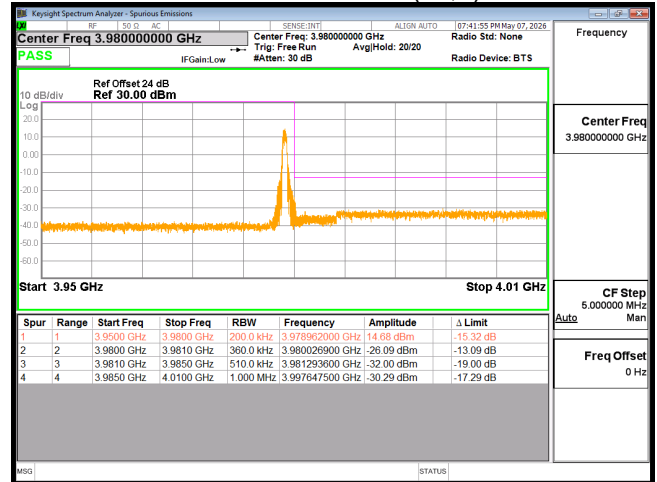
EDGE n77 40M CH648000 BPSK(1,0)



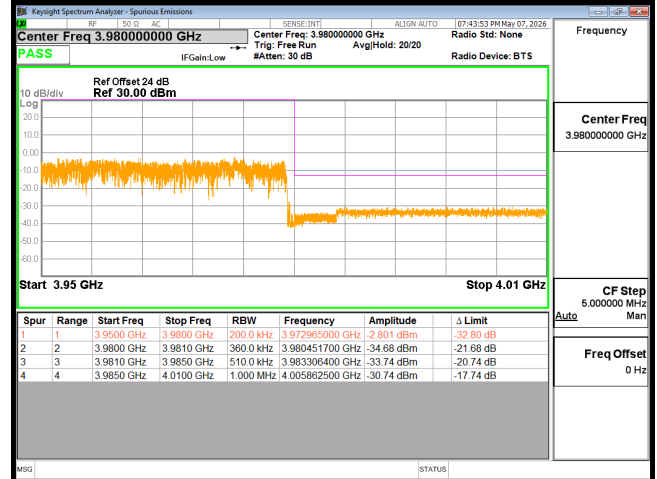
EDGE n77 40M CH648000 BPSK(100,0)



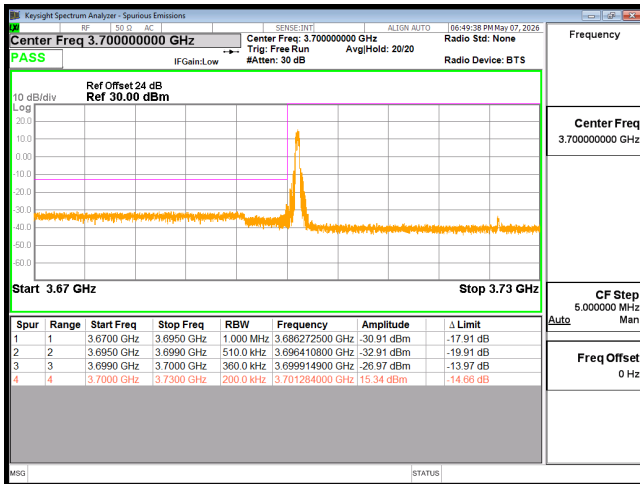
EDGE n77 30M CH664332 BPSK(75,3)



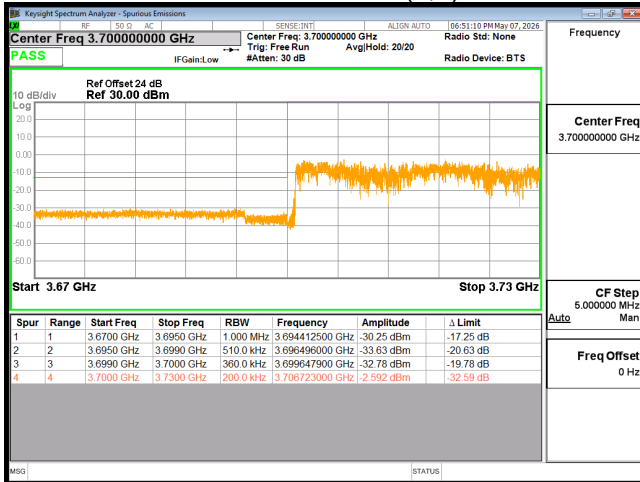
EDGE n77 40M CH664000 BPSK(1,105)



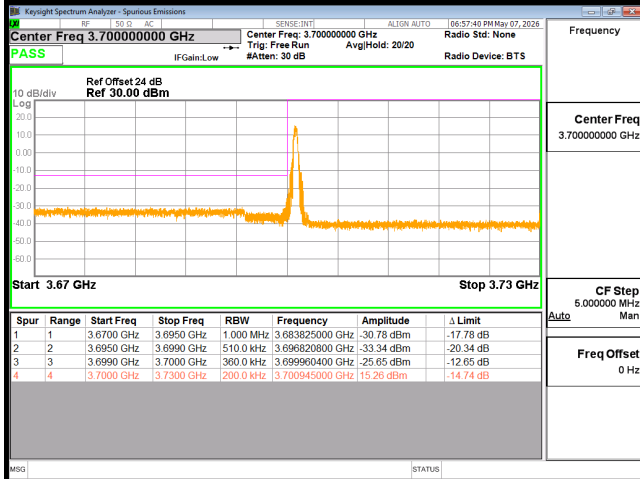
EDGE n77 40M CH664000 BPSK(100,6)



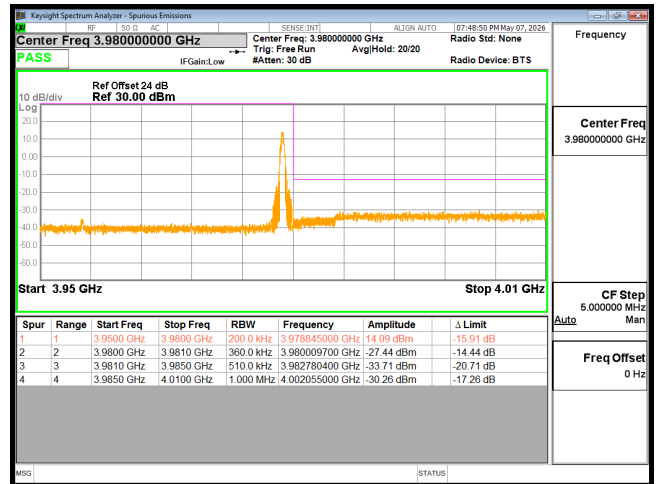
EDGE n77 50M CH648334 BPSK(1,0)



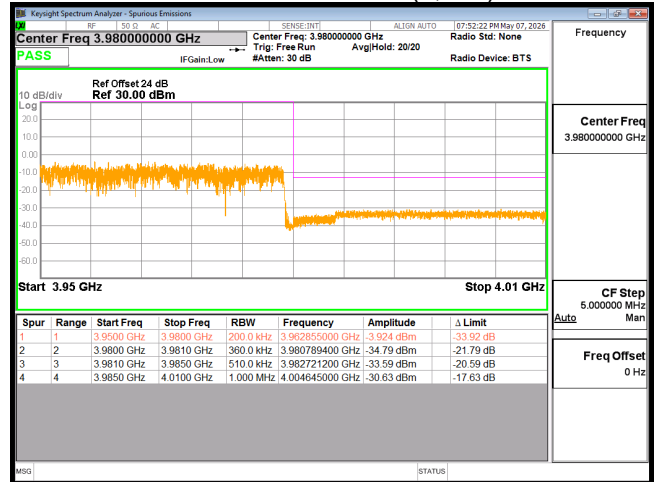
EDGE n77 50M CH648334 BPSK(128,0)



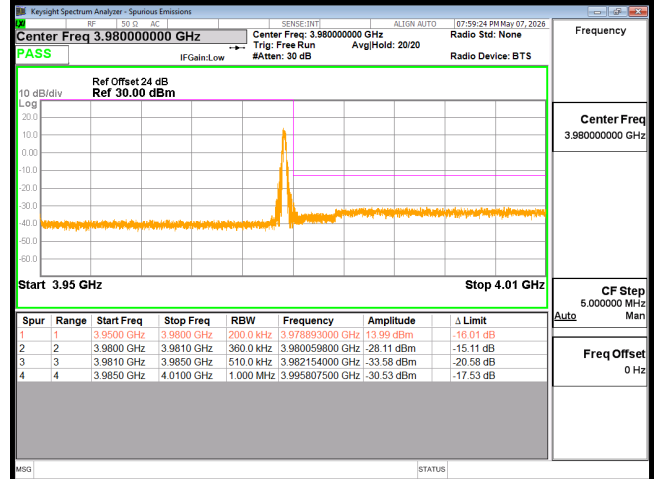
EDGE n77 60M CH648668 BPSK(1,0)



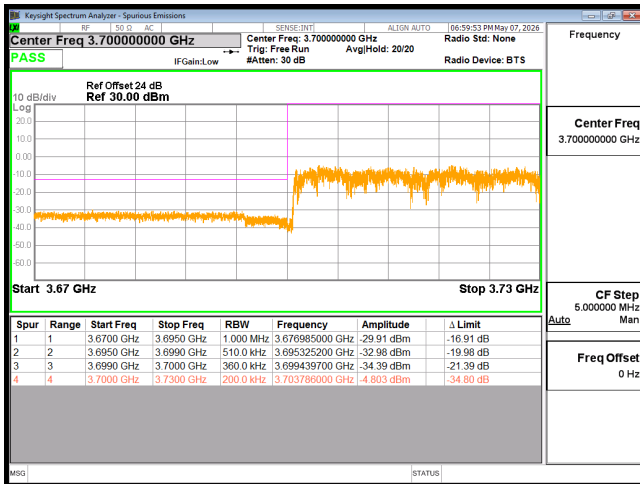
EDGE n77 50M CH663666 BPSK(1,132)



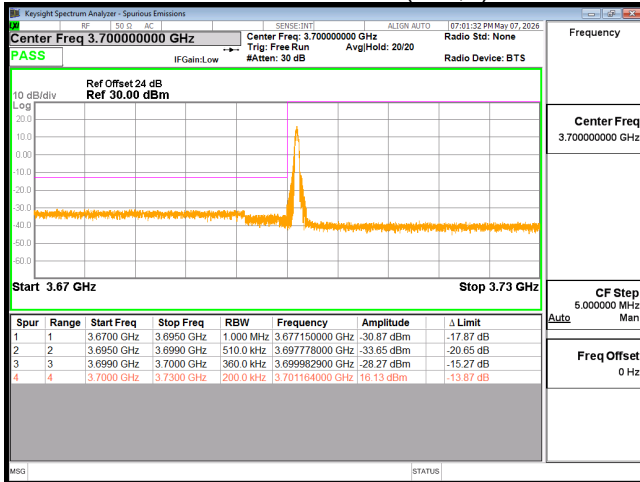
EDGE n77 50M CH663666 BPSK(128,5)



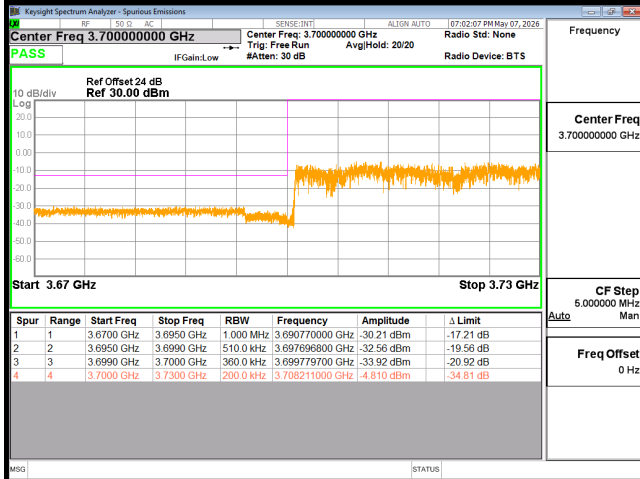
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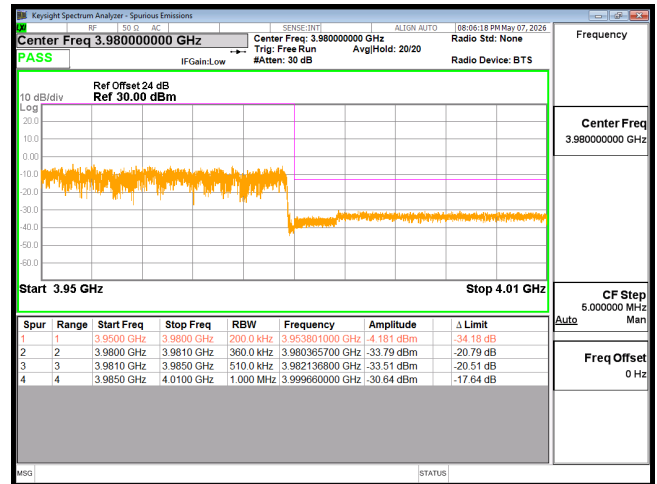
EDGE n77 60M CH648668 BPSK(128,0)



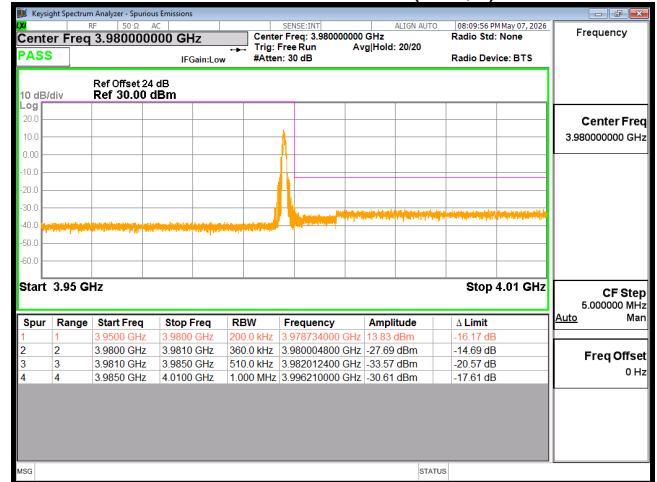
EDGE n77 70M CH649000 BPSK(1,0)



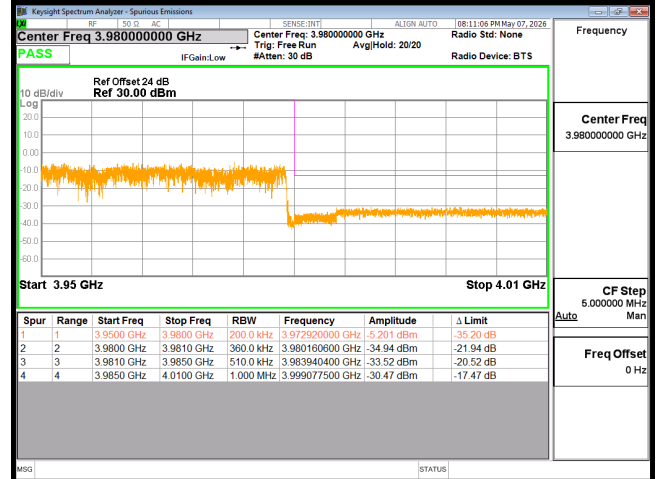
EDGE n77 70M CH649000 BPSK(180,0)



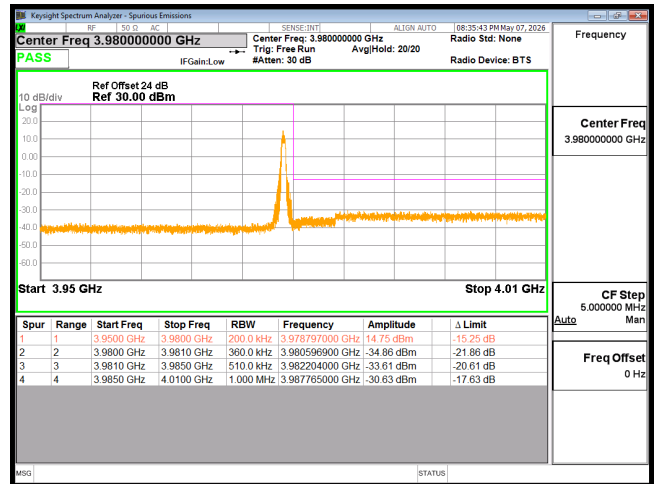
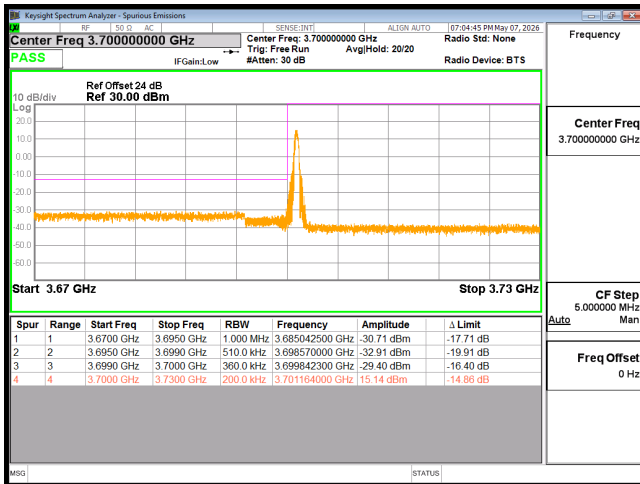
EDGE n77 60M CH663332 BPSK(162,0)



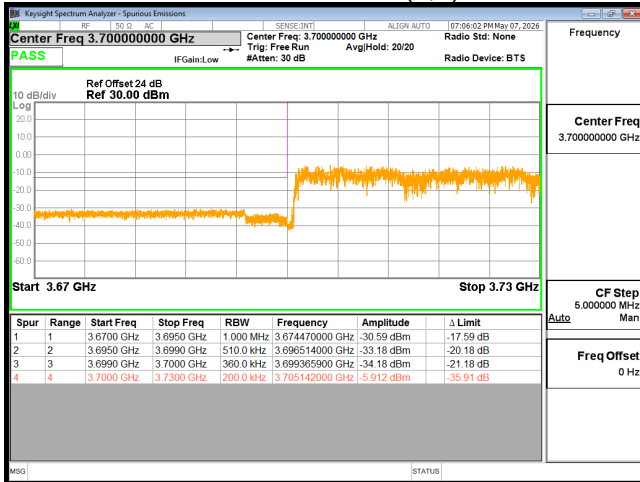
EDGE n77 70M CH663000 BPSK(1,188)



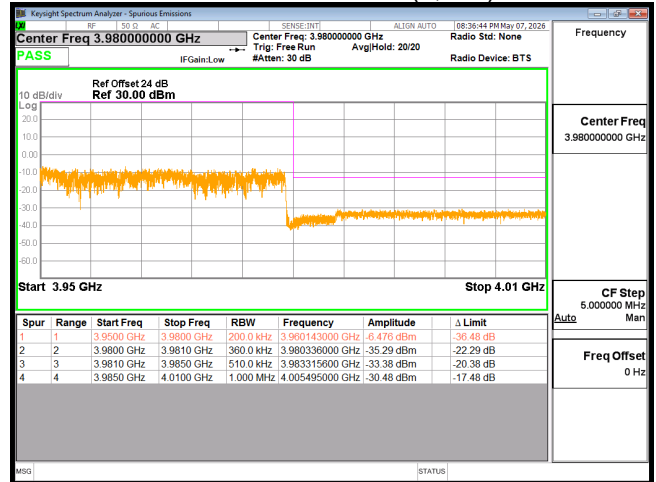
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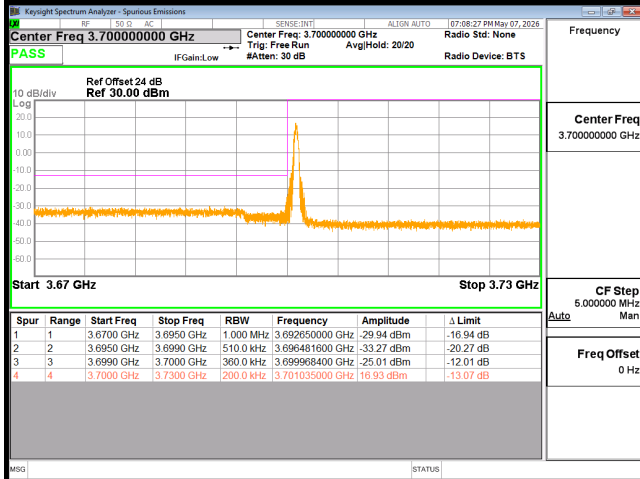
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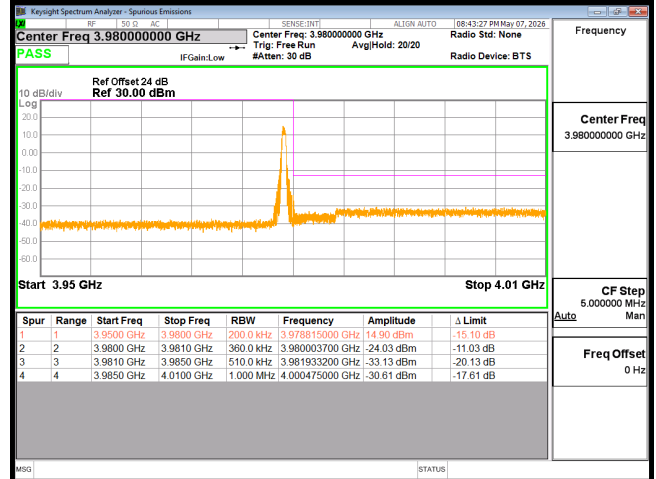
EDGE n77 80M CH662666 BPSK(1,216)



EDGE n77 80M CH649334 BPSK(216,0)

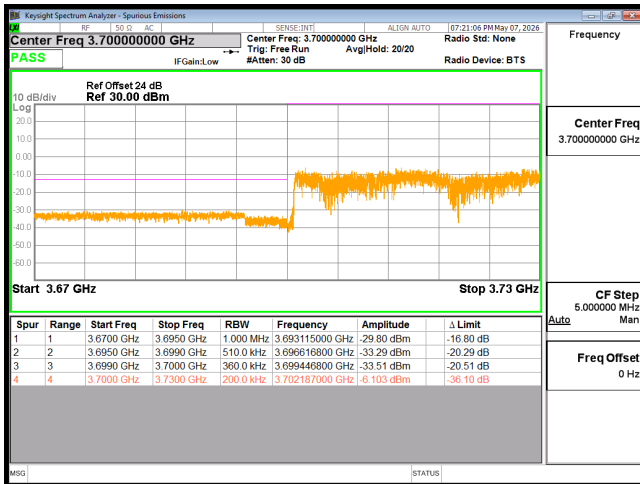


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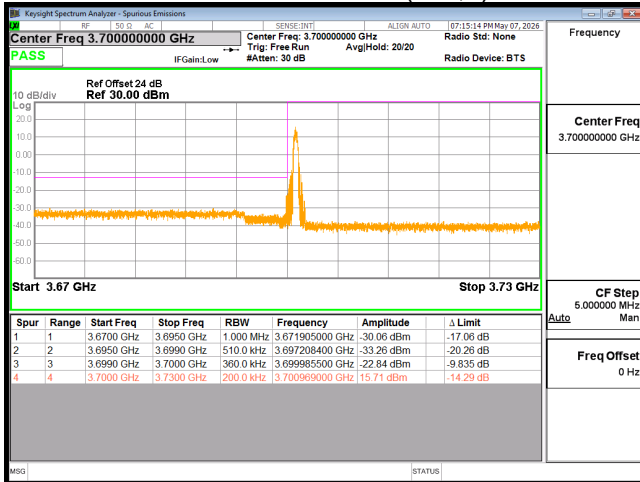


EDGE n77 90M CH649668 BPSK(1,0)

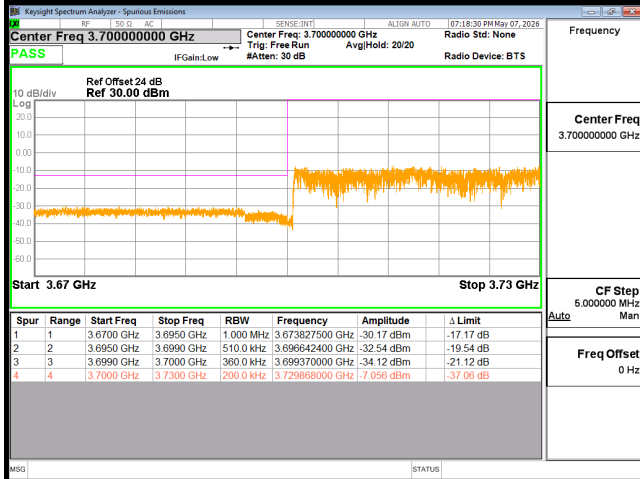
EDGE n77 90M CH662332 BPSK(1,244)



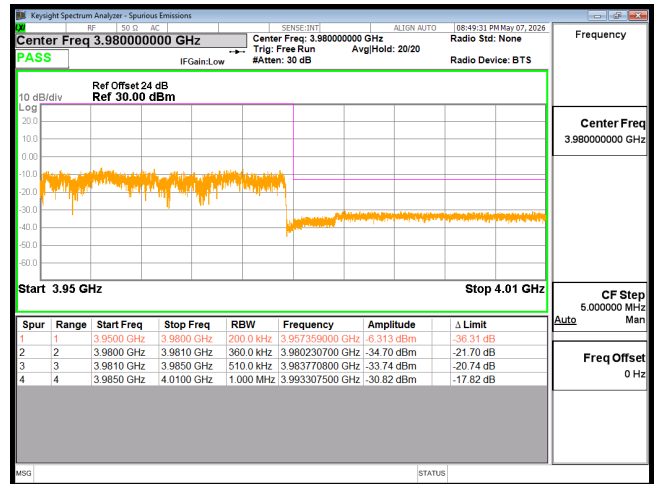
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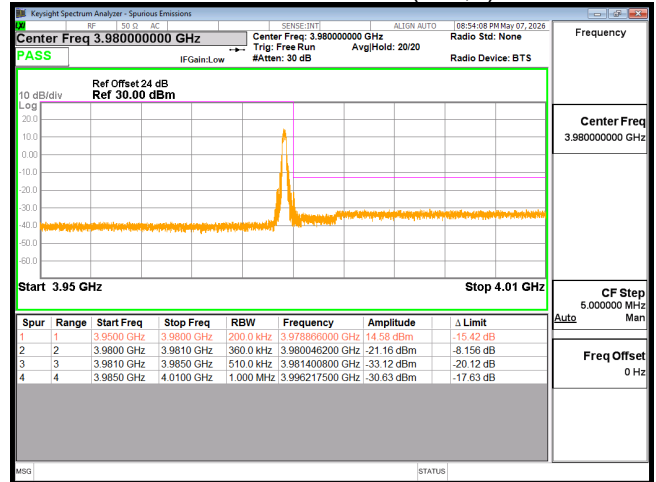
EDGE n77 100M CH650000 BPSK(1,0)



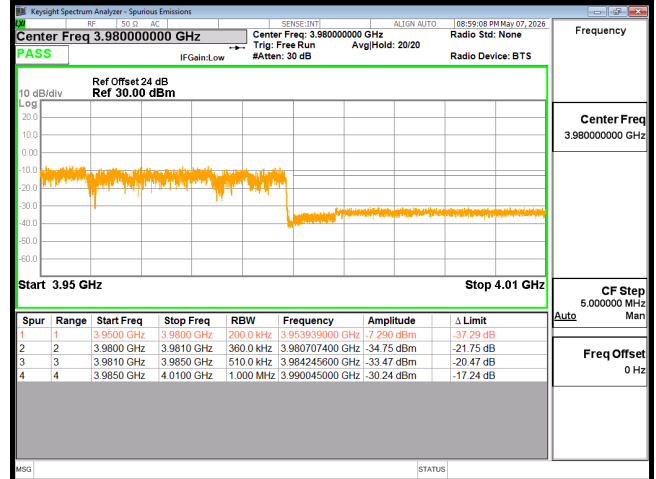
EDGE n77 100M CH650000 BPSK(270,0)



EDGE n77 90M CH662332 BPSK(243,2)



EDGE n77 100M CH662000 BPSK(1,272)



EDGE n77 100M CH662000 BPSK(270,3)

Appendix F. Test Result of Frequency Stability

Mode 1: 5G NR n7

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
-30	Mid	0.0035	-0.0071	-0.0051	-0.0066	±6.25
-20	Mid	0.0076	-0.0062	0.0069	-0.0073	±6.25
-10	Mid	-0.0051	-0.0033	-0.0053	0.0065	±6.25
0	Mid	-0.0048	0.0056	0.0061	-0.0042	±6.25
10	Mid	-0.0074	-0.0039	-0.0055	0.0074	±6.25
20	Mid	0.0047	-0.0055	0.0039	-0.0059	±6.25
30	Mid	0.0061	0.0091	-0.0071	-0.0047	±6.25
40	Mid	-0.0072	0.0090	0.0078	-0.0083	±6.25
50	Mid	-0.0068	-0.0059	-0.0073	-0.0069	±6.25

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		25M	30M	40M	50M	
-30	Mid	-0.0064	-0.0047	0.0053	-0.0067	±6.25
-20	Mid	0.0066	0.0074	0.0054	-0.0053	±6.25
-10	Mid	-0.0063	0.0051	-0.0076	-0.0051	±6.25
0	Mid	0.0070	-0.0055	0.0046	0.0041	±6.25
10	Mid	0.0036	-0.0061	0.0061	0.0034	±6.25
20	Mid	0.0041	-0.0058	-0.0053	0.0058	±6.25
30	Mid	-0.0073	0.0068	-0.0059	-0.0079	±6.25
40	Mid	0.0080	0.0074	-0.0082	-0.0062	±6.25
50	Mid	-0.0097	-0.0045	0.0054	0.0083	±6.25

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
4.715	Mid	-0.0049	0.0045	0.0044	-0.0062	±6.25
4.1	Mid	0.0047	-0.0055	0.0039	-0.0059	±6.25
3.485	Mid	0.0052	-0.0046	0.0049	0.0064	±6.25

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		25M	30M	40M	50M	
4.715	Mid	-0.0046	-0.0049	0.0058	-0.0064	±6.25
4.1	Mid	0.0041	-0.0058	-0.0053	0.0058	±6.25
3.485	Mid	0.0047	-0.0064	-0.0049	0.0067	±6.25

Mode 2: 5G NR n41**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		10M	15M	20M	30M	40M	50M	
-30	Mid	0.0092	0.0085	-0.0093	0.0087	-0.0131	-0.0115	±6.24
-20	Mid	0.0112	0.0131	-0.0131	-0.0125	0.0101	-0.0112	±6.24
-10	Mid	-0.0081	-0.0081	0.0088	0.0089	0.0090	0.0099	±6.24
0	Mid	0.0086	0.0073	0.0102	-0.0066	0.0083	0.0094	±6.24
10	Mid	0.0125	-0.0107	0.0117	-0.0108	-0.0119	-0.0105	±6.24
20	Mid	0.0092	0.0101	-0.0107	-0.0117	-0.0102	-0.0097	±6.24
30	Mid	-0.0110	-0.0136	-0.0120	0.0112	0.0126	-0.0095	±6.24
40	Mid	-0.0086	-0.0096	0.0091	0.0097	-0.0087	0.0088	±6.24
50	Mid	0.0091	0.0108	0.0079	-0.0082	0.0105	-0.0107	±6.24

Temperature Interval(°C)	Test Channel	Deviation (kHz)					Limit (kHz)
		60M	70M	80M	90M	100M	
-30	Mid	-0.0072	-0.0087	0.0121	-0.0077	0.0097	±6.24
-20	Mid	0.0129	0.0118	-0.0127	0.0124	-0.0134	±6.24
-10	Mid	-0.0101	0.0088	-0.0089	0.0097	-0.0101	±6.24
0	Mid	-0.0088	-0.0101	0.0098	-0.0086	-0.0080	±6.24
10	Mid	-0.0097	0.0116	-0.0092	-0.0098	0.0123	±6.24
20	Mid	0.0111	0.0106	0.0093	-0.0120	-0.0073	±6.24
30	Mid	0.0099	-0.0115	-0.0126	-0.0126	-0.0107	±6.24
40	Mid	0.0115	-0.0082	0.0096	0.0072	0.0109	±6.24
50	Mid	-0.0094	0.0104	-0.0065	0.0091	-0.0077	±6.24

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		10M	15M	20M	30M	40M	50M	
4.715	Mid	-0.0077	0.0106	0.0122	0.0137	-0.0091	-0.0089	±6.24
4.1	Mid	0.0092	0.0101	-0.0107	-0.0117	-0.0102	-0.0097	±6.24
3.485	Mid	0.0072	-0.0085	-0.0106	0.0122	0.0095	-0.0092	±6.24

DC Voltage (V)	Test Channel	Deviation (kHz)					Limit (kHz)
		60M	70M	80M	90M	100M	
4.715	Mid	-0.0110	0.0122	0.0119	0.0137	-0.0077	±6.24
4.1	Mid	0.0111	0.0106	0.0093	-0.0120	-0.0073	±6.24
3.485	Mid	0.0125	-0.0121	0.0104	-0.0105	0.0093	±6.24

Mode 3: 5G NR n77 (3450 - 3550 MHz)**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		10M	15M	20M	25M	30M	40M	
-30	Mid	-0.0130	-0.0124	0.0154	-0.0118	0.0151	0.0121	±8.63
-20	Mid	0.0113	0.0134	-0.0087	-0.0084	0.0111	0.0118	±8.63
-10	Mid	0.0129	0.0112	-0.0144	-0.0114	-0.0110	0.0144	±8.63
0	Mid	0.0112	-0.0096	-0.0085	0.0127	-0.0138	-0.0115	±8.63
10	Mid	0.0112	-0.0123	-0.0107	-0.0123	0.0102	-0.0119	±8.63
20	Mid	0.0110	-0.0122	0.0130	-0.0112	-0.0124	0.0123	±8.63
30	Mid	-0.0097	-0.0119	0.0073	-0.0085	-0.0085	-0.0108	±8.63
40	Mid	0.0109	0.0118	-0.0108	0.0138	0.0139	-0.0116	±8.63
50	Mid	-0.0128	-0.0103	-0.0125	0.0112	-0.0125	-0.0151	±8.63

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		50M	60M	70M	80M	90M	100M	
-30	Mid	-0.0128	-0.0127	0.0118	0.0125	-0.0126	-0.0148	±8.63
-20	Mid	0.0086	-0.0117	0.0105	-0.0118	0.0102	0.0114	±8.63
-10	Mid	-0.0093	-0.0107	0.0127	-0.0143	-0.0114	0.0132	±8.63
0	Mid	0.0091	0.0112	0.0114	-0.0098	-0.0097	0.0084	±8.63
10	Mid	-0.0087	-0.0108	-0.0107	-0.0099	-0.0129	-0.0116	±8.63
20	Mid	0.0116	-0.0115	-0.0106	-0.0117	0.0106	-0.0117	±8.63
30	Mid	-0.0080	0.0093	0.0113	-0.0115	0.0118	-0.0107	±8.63
40	Mid	0.0128	0.0101	-0.0114	-0.0133	0.0116	0.0119	±8.63
50	Mid	-0.0121	0.0144	-0.0131	0.0117	-0.0135	-0.0105	±8.63

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		10M	15M	20M	25M	30M	40M	
4.715	Mid	0.0092	-0.0132	-0.0123	0.0125	-0.0116	-0.0107	±8.63
4.1	Mid	0.0110	-0.0122	0.0130	-0.0112	-0.0124	0.0123	±8.63
3.485	Mid	-0.0101	0.0114	0.0146	-0.0129	0.0140	0.0133	±8.63

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		50M	60M	70M	80M	90M	100M	
4.715	Mid	0.0101	-0.0131	0.0112	-0.0123	-0.0092	0.0109	±8.63
4.1	Mid	0.0116	-0.0115	-0.0106	-0.0117	0.0106	-0.0117	±8.63
3.485	Mid	-0.0131	-0.0124	-0.0119	0.0132	0.0091	0.0112	±8.63

Mode 4: 5G NR n77(n78) (3700 - 3980 MHz)**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		10M	15M	20M	25M	30M	40M	
-30	Mid	0.0133	0.0137	-0.0143	-0.0135	0.0141	-0.0156	±9.25
-20	Mid	0.0140	-0.0139	0.0116	-0.0143	0.0143	0.0138	±9.25
-10	Mid	0.0111	0.0117	0.0124	0.0119	0.0109	-0.0109	±9.25
0	Mid	-0.0134	-0.0117	0.0106	-0.0133	-0.0128	0.0113	±9.25
10	Mid	-0.0132	-0.0145	0.0135	0.0122	0.0163	0.0117	±9.25
20	Mid	0.0127	0.0145	-0.0137	-0.0106	-0.0102	0.0117	±9.25
30	Mid	0.0114	-0.0090	0.0121	-0.0097	-0.0083	-0.0132	±9.25
40	Mid	-0.0114	0.0131	-0.0112	0.0126	0.0106	-0.0133	±9.25
50	Mid	-0.0131	0.0124	-0.0152	0.0148	-0.0132	-0.0143	±9.25

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		50M	60M	70M	80M	90M	100M	
-30	Mid	0.0124	0.0127	-0.0161	-0.0127	0.0136	0.0143	±9.25
-20	Mid	0.0126	-0.0148	-0.0148	0.0146	0.0132	0.0132	±9.25
-10	Mid	-0.0130	0.0144	0.0149	0.0131	0.0112	-0.0131	±9.25
0	Mid	-0.0111	-0.0111	-0.0118	-0.0134	0.0113	0.0131	±9.25
10	Mid	0.0125	0.0127	0.0138	-0.0132	0.0145	0.0128	±9.25
20	Mid	-0.0122	-0.0143	-0.0149	-0.0109	-0.0116	-0.0147	±9.25
30	Mid	-0.0092	0.0114	0.0112	0.0113	-0.0089	-0.0100	±9.25
40	Mid	-0.0114	0.0098	0.0108	-0.0138	-0.0121	-0.0122	±9.25
50	Mid	-0.0125	-0.0138	0.0163	-0.0118	-0.0136	0.0123	±9.25

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		10M	15M	20M	25M	30M	40M	
4.715	Mid	-0.0142	-0.0147	-0.0144	-0.0117	0.0084	-0.0132	±9.25
4.1	Mid	0.0127	0.0145	-0.0137	-0.0106	-0.0102	0.0117	±9.25
3.485	Mid	0.0131	0.0129	0.0157	0.0114	-0.0109	0.0107	±9.25

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		50M	60M	70M	80M	90M	100M	
4.715	Mid	0.0117	-0.0144	-0.0143	-0.0121	-0.0105	0.0151	±9.25
4.1	Mid	-0.0122	-0.0143	-0.0149	-0.0109	-0.0116	-0.0147	±9.25
3.485	Mid	-0.0129	0.0151	0.0166	-0.0127	-0.0129	-0.0130	±9.25