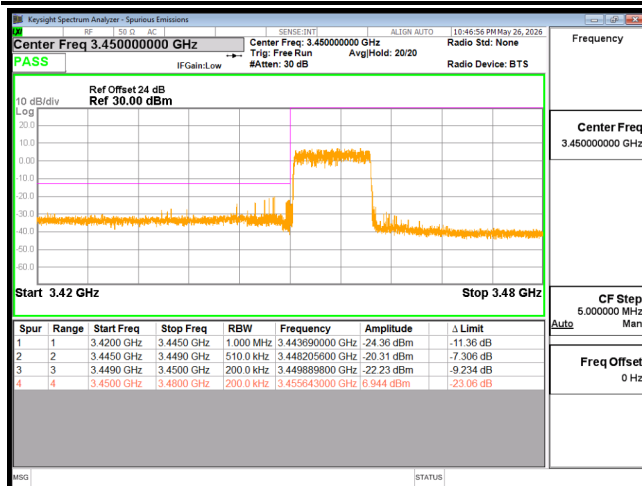
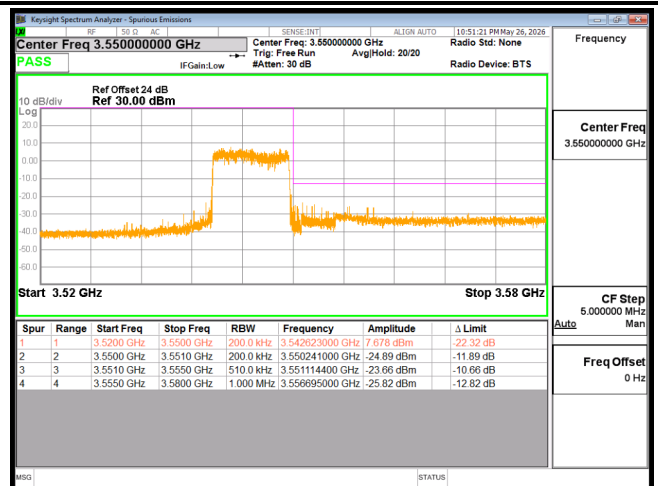
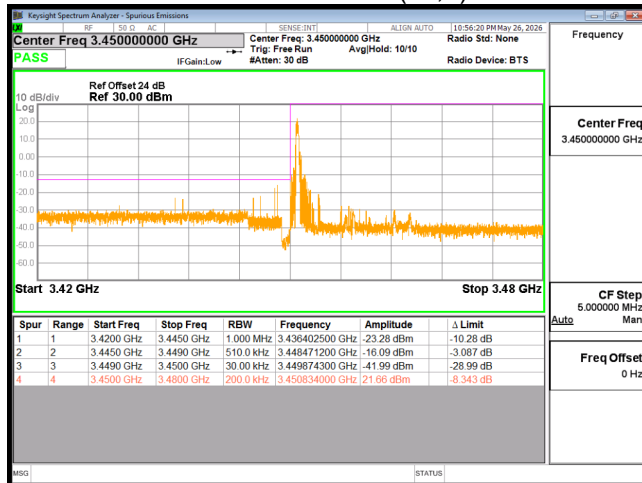




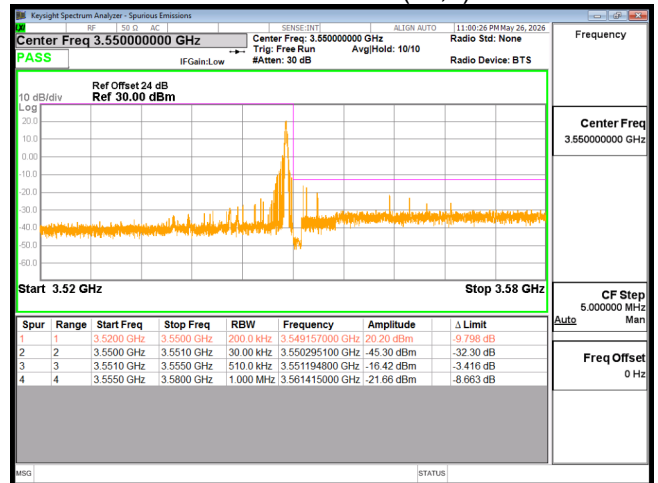
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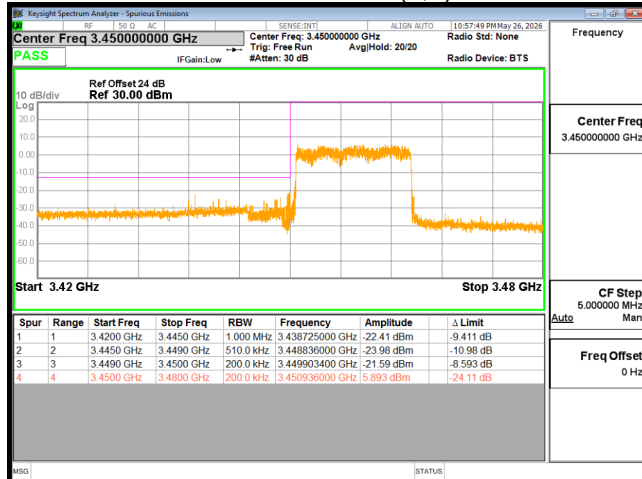
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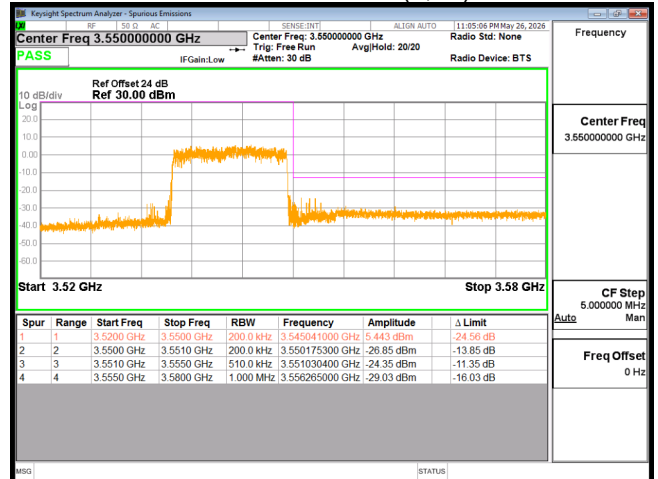
EDGE B42 15M CH42165 QPSK(1,0)



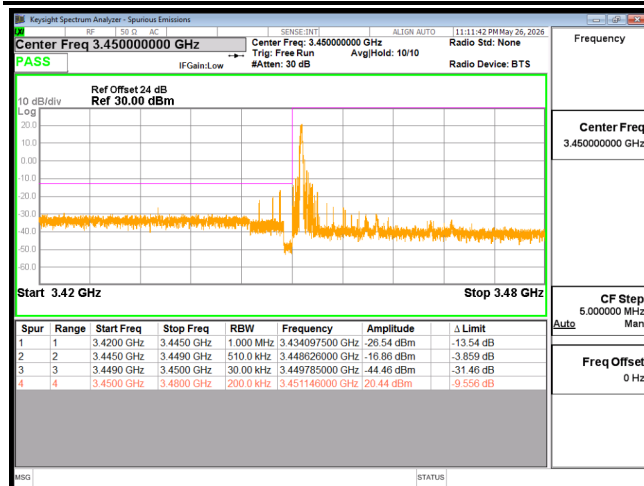
EDGE B42 15M CH43015 QPSK(1,74)



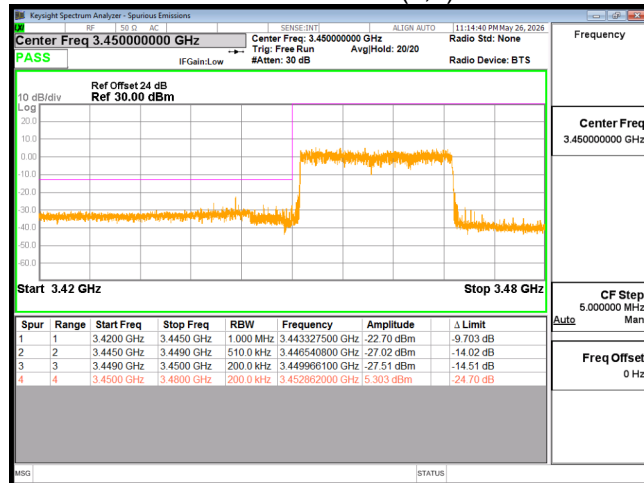
EDGE B42 15M CH42165 QPSK(75,0)



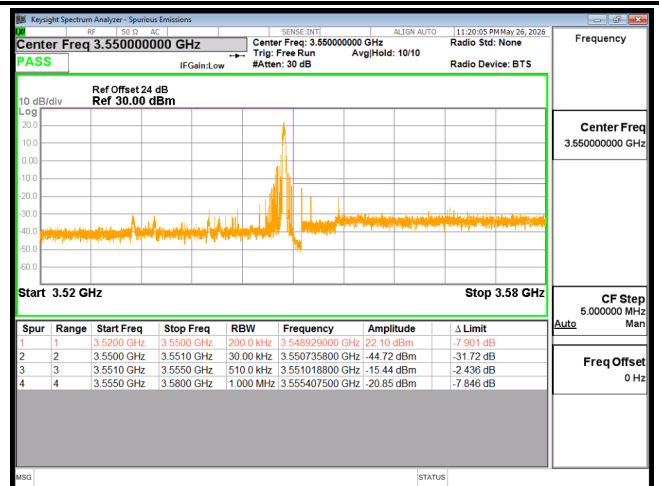
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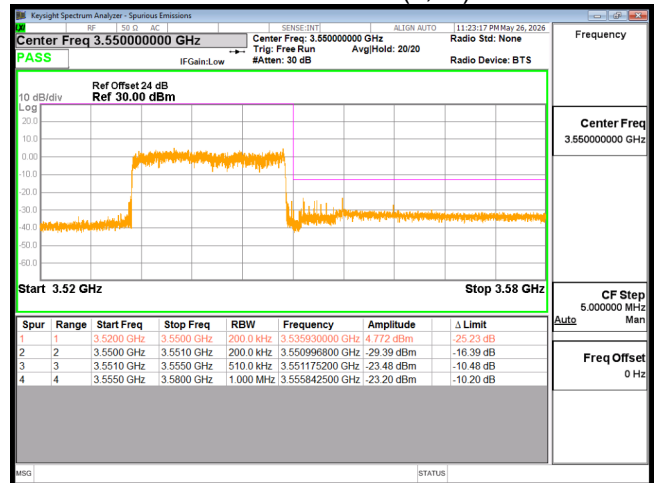
EDGE B42 20M CH42190 QPSK(1,0)



EDGE B42 20M CH42190 QPSK(100,0)

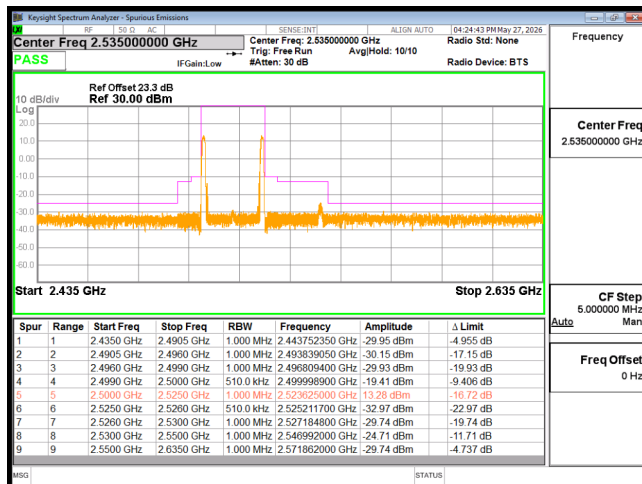
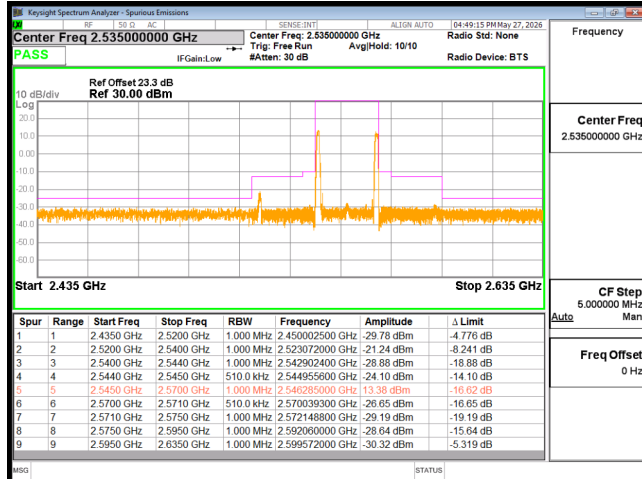
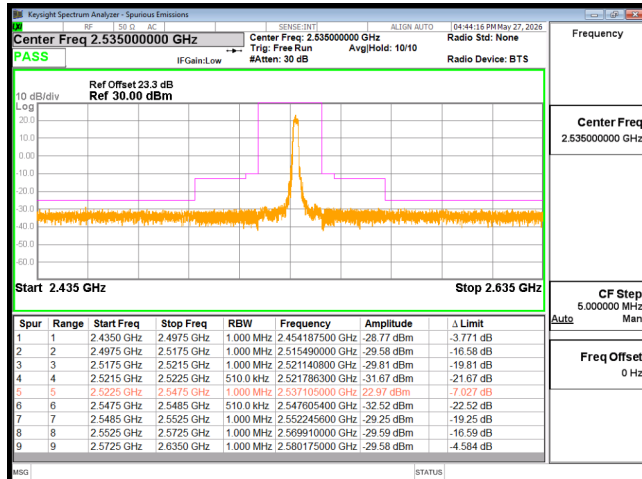
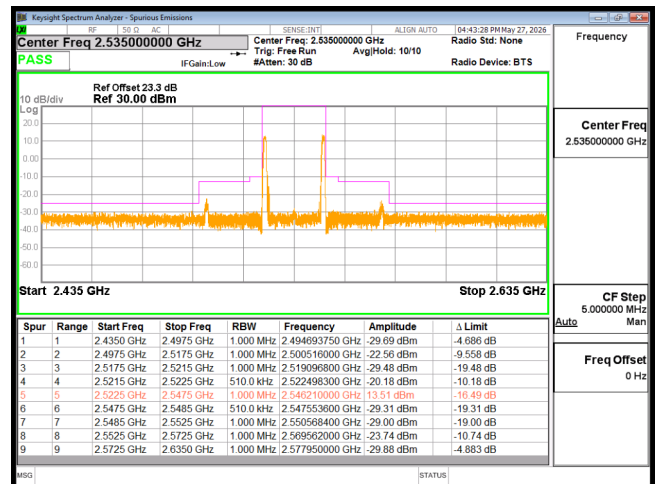
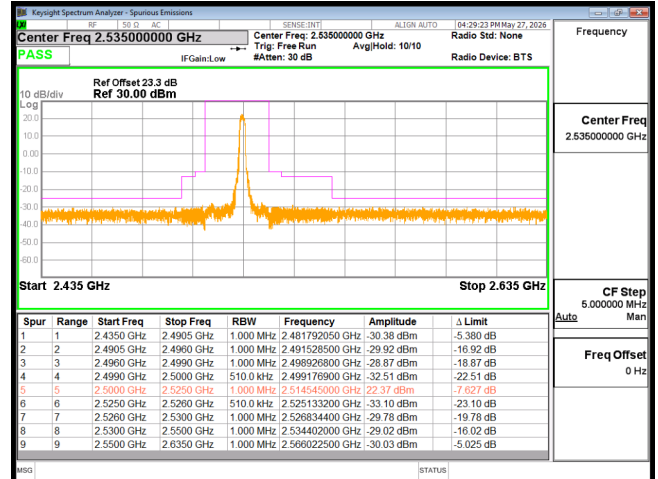
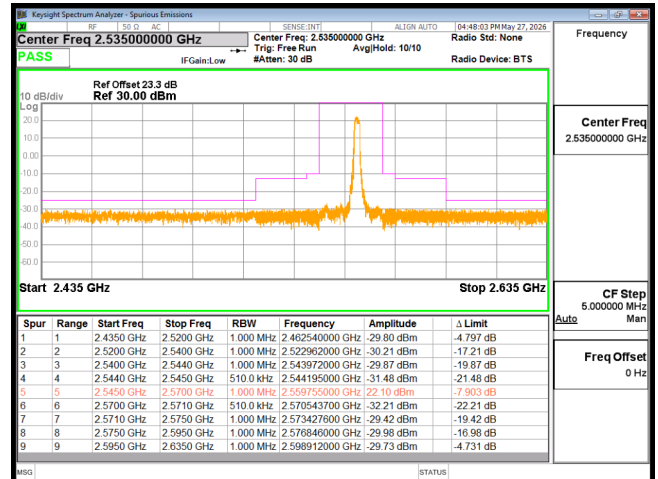


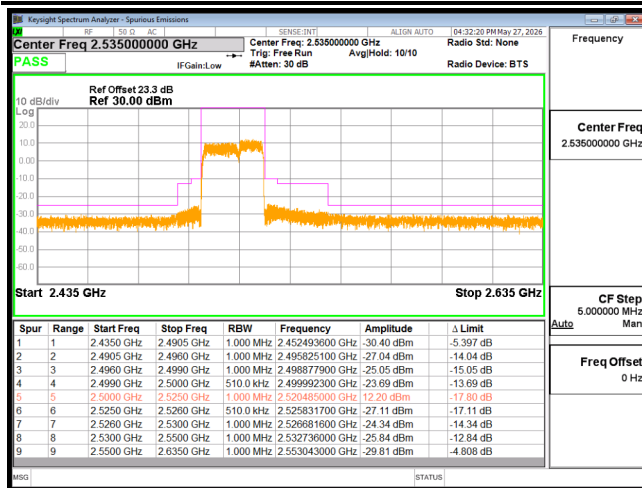
EDGE B42 20M CH42990 QPSK(1,99)



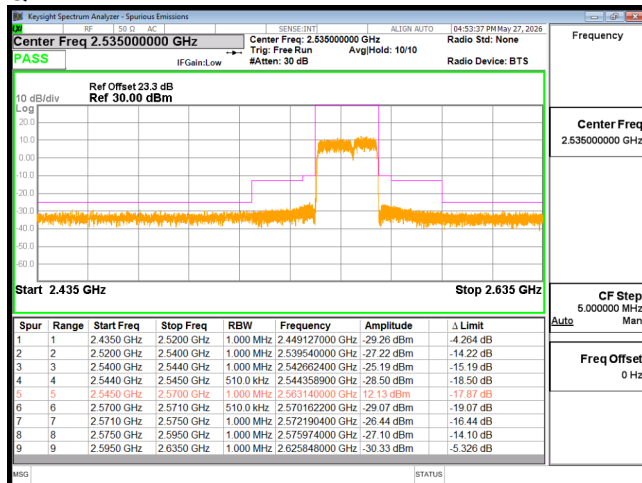
EDGE B42 20M CH42990 QPSK(100,0)

Mode 9: LTE Band 7C

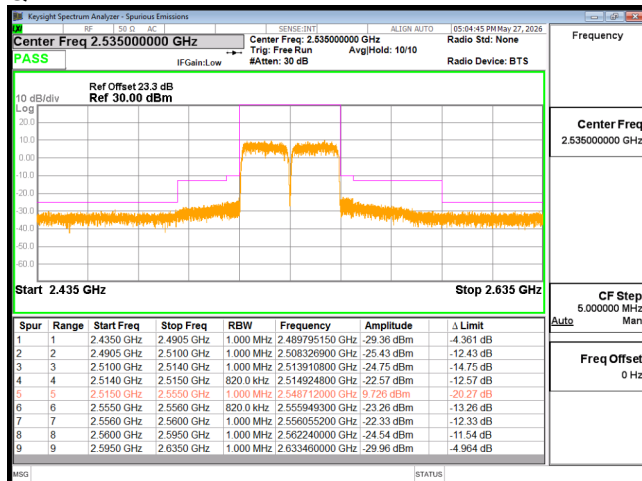
EDGE B7 15M CH20825(1,0),10M CH20945(1,49)
QPSKEDGE B7 15M CH21277(1,0),10M CH21397(1,49)
QPSKEDGE B7 15M CH21051(1,74),10M CH21171(1,0)
QPSKEDGE B7 15M CH21051(1,0),10M CH21171(1,49)
QPSKEDGE B7 15M CH20825(1,74),10M CH20945(1,0)
QPSKEDGE B7 15M CH21277(1,74),10M CH21397(1,0)
QPSK



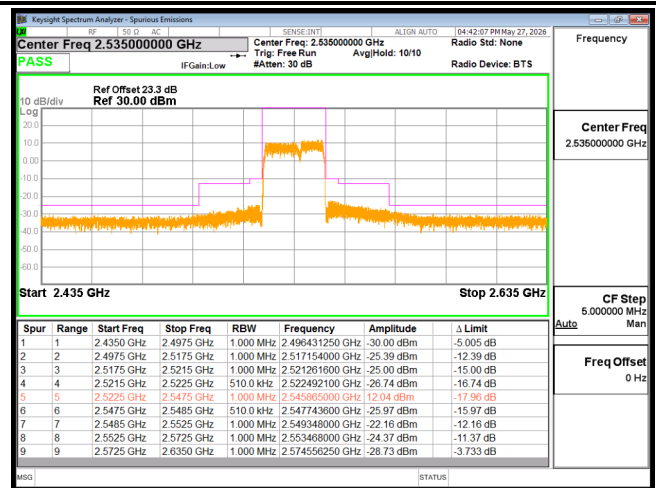
EDGE B7 15M CH20825(75,0),10M CH20945(50,0)
QPSK



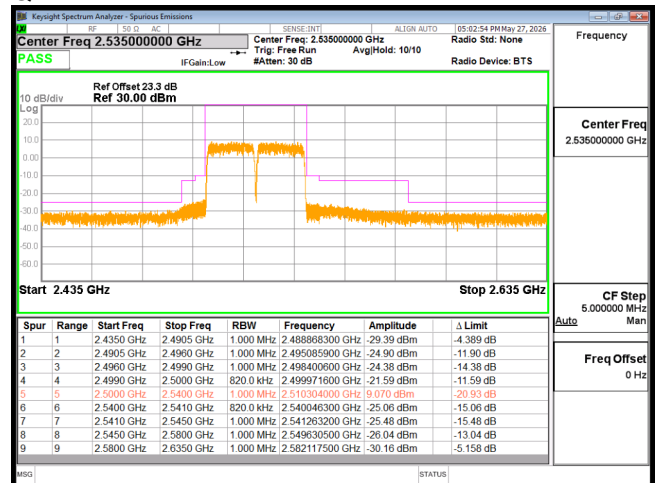
EDGE B7 15M CH21277(75,0),10M CH21397(50,0)
QPSK



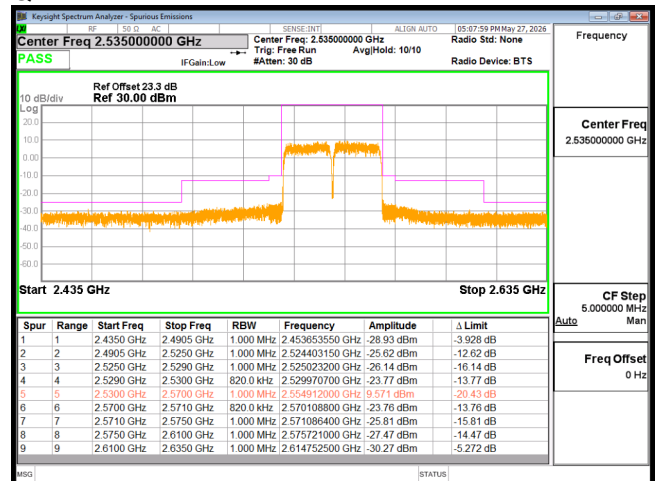
EDGE B7 20M CH21001(100,0),20M CH21199(100,0)
QPSK



EDGE B7 15M CH21051(75,0),10M CH21171(50,0)
QPSK



EDGE B7 20M CH20850(100,0),20M CH21048(100,0)
QPSK



EDGE B7 20M CH21152(100,0),20M CH21350(100,0)
QPSK

Appendix F. Test Result of Frequency Stability

Mode 1: LTE Band 25(2)

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	-0.0042	0.0043	0.0065	-0.0062	-0.0047	0.0048	±4.63
-20	Mid	-0.0067	-0.0067	-0.0055	0.0048	-0.0051	0.0062	±4.63
-10	Mid	0.0052	-0.0078	0.0054	-0.0063	-0.0062	-0.0082	±4.63
0	Mid	0.0063	0.0046	0.0075	0.0072	-0.0062	0.0065	±4.63
10	Mid	0.0048	-0.0075	0.0055	0.0055	0.0077	0.0057	±4.63
20	Mid	-0.0052	-0.0052	-0.0046	-0.0049	-0.0034	-0.0052	±4.63
30	Mid	-0.0057	0.0059	0.0058	0.0064	0.0065	-0.0063	±4.63
40	Mid	0.0075	0.0099	-0.0086	-0.0071	-0.0099	-0.0079	±4.63
50	Mid	-0.0091	-0.0071	-0.0099	0.0075	-0.0076	0.0071	±4.63

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.715	Mid	0.0038	-0.0033	0.0046	-0.0058	-0.0025	0.0064	±4.63
4.1	Mid	-0.0052	-0.0052	-0.0046	-0.0049	-0.0034	-0.0052	±4.63
3.485	Mid	-0.0058	-0.0063	-0.0035	-0.0068	0.0041	-0.0032	±4.63

Mode 2: LTE Band 4**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	0.0067	0.0081	-0.0076	0.0093	0.0069	0.0099	±4.28
-20	Mid	-0.0073	-0.0056	-0.0082	-0.0075	-0.0095	-0.0072	±4.28
-10	Mid	0.0057	0.0082	-0.0045	0.0065	-0.0078	-0.0058	±4.28
0	Mid	0.0061	-0.0069	0.0059	-0.0036	0.0046	0.0070	±4.28
10	Mid	0.0064	-0.0082	-0.0071	-0.0069	-0.0068	-0.0082	±4.28
20	Mid	-0.0052	0.0049	0.0043	0.0061	0.0045	0.0046	±4.28
30	Mid	0.0070	0.0065	0.0044	-0.0089	-0.0061	-0.0049	±4.28
40	Mid	-0.0049	-0.0053	0.0044	-0.0047	0.0052	0.0063	±4.28
50	Mid	0.0071	0.0074	-0.0073	0.0074	-0.0086	0.0078	±4.28

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
4.715	Mid	-0.0044	0.0054	-0.0053	0.0079	-0.0042	0.0053	±4.28
4.1	Mid	-0.0052	0.0049	0.0043	0.0061	0.0045	0.0046	±4.28
3.485	Mid	0.0058	-0.0044	0.0052	-0.0064	0.0059	-0.0042	±4.28

Mode 3: LTE Band 26(5) (Part 22)**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)					Limit (kHz)
		1.4M	3M	5M	10M	15M	
-30	Mid	-0.0033	0.0053	0.0041	0.0032	-0.0030	±2.06
-20	Mid	0.0036	-0.0041	-0.0036	-0.0035	0.0052	±2.06
-10	Mid	0.0038	-0.0071	0.0027	-0.0057	-0.0043	±2.06
0	Mid	0.0023	-0.0029	-0.0038	-0.0032	0.0023	±2.06
10	Mid	0.0032	0.0027	0.0048	0.0046	-0.0043	±2.06
20	Mid	-0.0048	-0.0043	0.0044	-0.0063	-0.0038	±2.06
30	Mid	-0.0059	0.0044	0.0072	0.0069	0.0057	±2.06
40	Mid	0.0062	-0.0087	-0.0038	0.0071	0.0059	±2.06
50	Mid	-0.0071	-0.0065	-0.0075	-0.0070	-0.0097	±2.06

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)					Limit (kHz)
		1.4M	3M	5M	10M	15M	
4.715	Mid	0.0039	-0.0063	0.0047	0.0058	-0.0029	±2.06
4.1	Mid	-0.0048	-0.0043	0.0044	-0.0063	-0.0038	±2.06
3.485	Mid	0.0048	-0.0053	-0.0055	-0.0069	0.0040	±2.06

Mode 4: LTE Band 26 (Part 90)**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		1.4M	3M	5M	10M	
-30	Mid	0.0036	-0.0041	-0.0041	-0.0055	±2.04
-20	Mid	0.0044	-0.0039	0.0054	0.0026	±2.04
-10	Mid	-0.0045	0.0063	0.0069	0.0054	±2.04
0	Mid	-0.0033	-0.0047	-0.0045	-0.0035	±2.04
10	Mid	-0.0042	0.0049	-0.0025	0.0021	±2.04
20	Mid	-0.0033	0.0032	0.0040	-0.0037	±2.04
30	Mid	0.0055	-0.0037	0.0059	0.0055	±2.04
40	Mid	0.0059	0.0054	-0.0058	-0.0045	±2.04
50	Mid	-0.0076	-0.0066	-0.0064	0.0086	±2.04

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		1.4M	3M	5M	10M	
4.715	Mid	-0.0036	-0.0033	0.0034	-0.0057	±2.04
4.1	Mid	-0.0033	0.0032	0.0040	-0.0037	±2.04
3.485	Mid	0.0021	0.0027	-0.0041	-0.0044	±2.04

Mode 5: LTE Band 7**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
-30	Mid	0.0049	-0.0051	-0.0063	-0.0067	±6.25
-20	Mid	-0.0071	0.0062	0.0058	0.0062	±6.25
-10	Mid	0.0056	-0.0065	0.0067	-0.0058	±6.25
0	Mid	-0.0041	-0.0049	-0.0061	0.0065	±6.25
10	Mid	0.0054	0.0074	0.0047	0.0063	±6.25
20	Mid	-0.0039	0.0056	-0.0053	-0.0049	±6.25
30	Mid	-0.0063	-0.0066	-0.0081	-0.0075	±6.25
40	Mid	0.0081	0.0078	-0.0089	0.0082	±6.25
50	Mid	-0.0072	0.0066	-0.0080	-0.0062	±6.25

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
4.715	Mid	-0.0059	0.0066	0.0051	-0.0066	±6.25
4.1	Mid	-0.0039	0.0056	-0.0053	-0.0049	±6.25
3.485	Mid	-0.0025	-0.0043	-0.0039	0.0045	±6.25

Mode 6: LTE Band 12(17)**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		1.4M	3M	5M	10M	
-30	Mid	-0.0031	-0.0036	-0.0058	-0.0043	±1.75
-20	Mid	0.0049	-0.0023	0.0030	0.0054	±1.75
-10	Mid	-0.0042	0.0054	0.0042	-0.0053	±1.75
0	Mid	-0.0046	-0.0032	-0.0033	0.0032	±1.75
10	Mid	0.0030	0.0038	-0.0029	-0.0042	±1.75
20	Mid	0.0028	-0.0031	0.0024	0.0037	±1.75
30	Mid	-0.0045	0.0037	0.0046	0.0064	±1.75
40	Mid	-0.0059	0.0051	0.0066	-0.0056	±1.75
50	Mid	-0.0057	-0.0064	-0.0034	-0.0057	±1.75

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		1.4M	3M	5M	10M	
4.715	Mid	-0.0034	-0.0035	-0.0040	0.0043	±1.75
4.1	Mid	0.0028	-0.0031	0.0024	0.0037	±1.75
3.485	Mid	0.0041	-0.0036	0.0037	-0.0038	±1.75

Mode 7: LTE Band 41(38)**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
-30	Mid	0.0097	0.0090	-0.0124	0.0102	±6.24
-20	Mid	0.0117	-0.0105	0.0088	0.0099	±6.24
-10	Mid	0.0099	0.0087	-0.0101	-0.0098	±6.24
0	Mid	-0.0089	0.0059	0.0071	-0.0093	±6.24
10	Mid	0.0105	-0.0119	0.0119	-0.0106	±6.24
20	Mid	-0.0098	0.0129	-0.0108	0.0104	±6.24
30	Mid	-0.0109	0.0117	-0.0122	0.0087	±6.24
40	Mid	0.0093	-0.0091	0.0096	-0.0101	±6.24
50	Mid	0.0077	-0.0082	0.0092	-0.0105	±6.24

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
4.715	Mid	-0.0093	0.0108	-0.0096	0.0088	±6.24
4.1	Mid	-0.0098	0.0129	-0.0108	0.0104	±6.24
3.485	Mid	-0.0107	0.0114	-0.0121	0.0106	±6.24

Mode 8: LTE Band 42**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
-30	Mid	0.0063	-0.0079	0.0069	-0.0077	±8.63
-20	Mid	-0.0072	0.0087	-0.0059	0.0051	±8.63
-10	Mid	0.0069	0.0067	-0.0074	-0.0062	±8.63
0	Mid	-0.0052	-0.0055	0.0050	-0.0053	±8.63
10	Mid	0.0081	-0.0085	0.0045	0.0059	±8.63
20	Mid	0.0089	0.0083	-0.0098	0.0076	±8.63
30	Mid	-0.0058	0.0068	0.0072	0.0042	±8.63
40	Mid	-0.0087	0.0090	0.0053	-0.0073	±8.63
50	Mid	0.0072	0.0061	-0.0081	-0.0084	±8.63

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		5M	10M	15M	20M	
4.715	Mid	0.0077	-0.0078	0.0079	-0.0065	±8.63
4.1	Mid	0.0089	0.0083	-0.0098	0.0076	±8.63
3.485	Mid	-0.0087	-0.0099	0.0106	0.0077	±8.63

Mode 9: LTE Band 7C**Temperature Variations**

Temperature Interval(°C)	Test Channel	Deviation (kHz)			Limit (kHz)
		10M+20M	15M+20M	20M+20M	
-30	Mid	0.0052	-0.0065	0.0055	±6.25
-20	Mid	0.0074	-0.0062	-0.0062	±6.25
-10	Mid	-0.0055	0.0041	0.0056	±6.25
0	Mid	-0.0060	-0.0035	-0.0058	±6.25
10	Mid	0.0054	-0.0040	0.0074	±6.25
20	Mid	0.0061	0.0066	-0.0053	±6.25
30	Mid	-0.0058	-0.0069	-0.0048	±6.25
40	Mid	0.0075	-0.0047	0.0056	±6.25
50	Mid	-0.0081	0.0068	-0.0082	±6.25

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)			Limit (kHz)
		10M+20M	15M+20M	20M+20M	
4.715	Mid	-0.0059	0.0052	0.0071	±6.25
4.1	Mid	0.0061	0.0066	-0.0053	±6.25
3.485	Mid	-0.0064	-0.0049	0.0059	±6.25