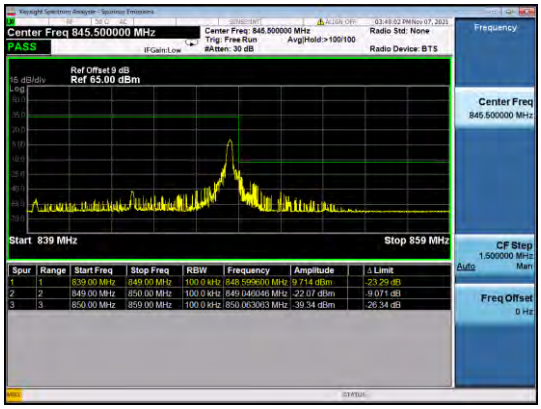
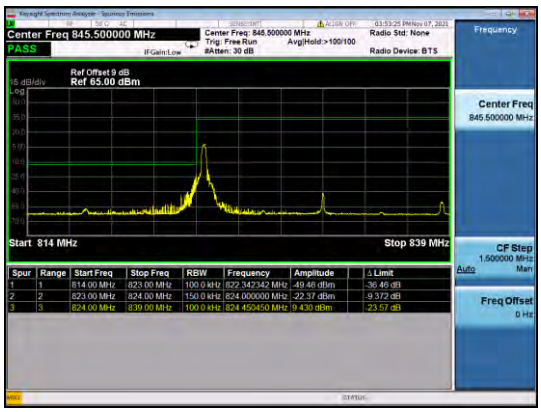
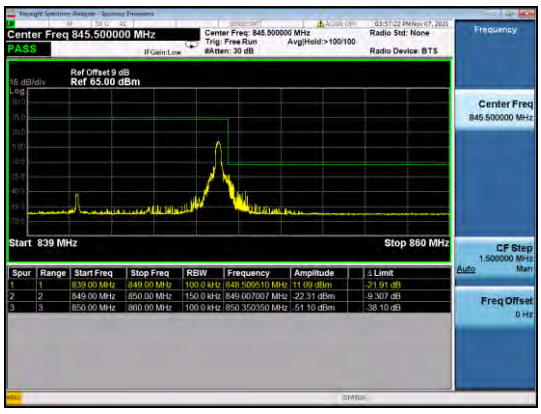
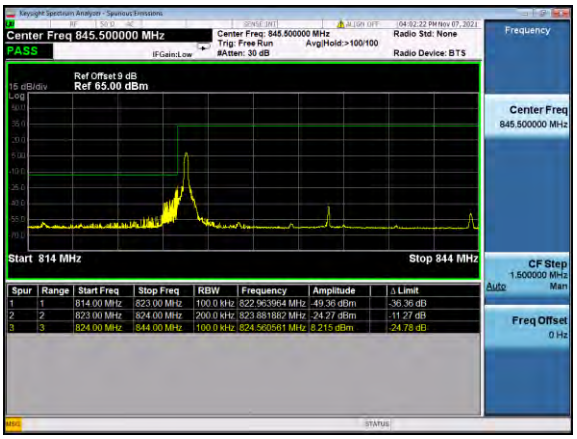
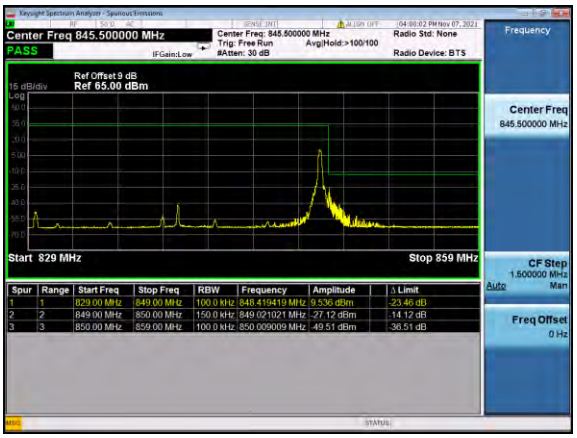
	
1-DC_66A_N5A-15KHZ-20MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_RIGHT--PASS	1-DC_66A_N5A-15KHZ-20MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-OUTER_FULL--PASS
	
1-DC_66A_N5A-15KHZ-20MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_RIGHT--PASS	1-DC_66A_N5A-15KHZ-20MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-OUTER_FULL--PASS
	
1-DC_66A_N5A-15KHZ-15MHZ+20M+15MHZ-N/A+DFT-PI2BPSK-MID+HIGHT-N/A-EDGE_1RB_LEFT--PASS	1-DC_66A_N5A-15KHZ-15MHZ-N/A+DFT-PI2BPSK-MID+HIGHT-N/A-EDGE_1RB_RIGHT--PASS

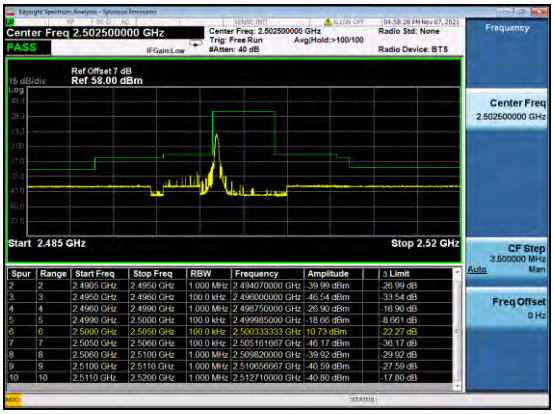
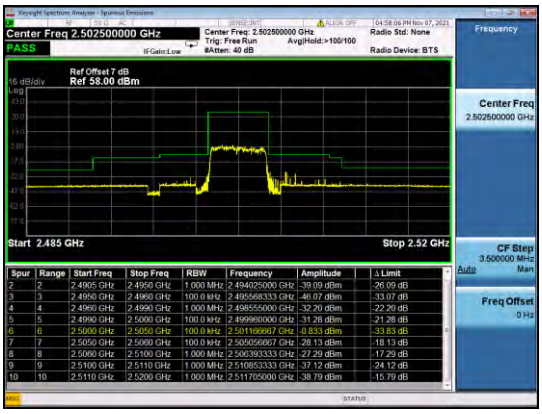
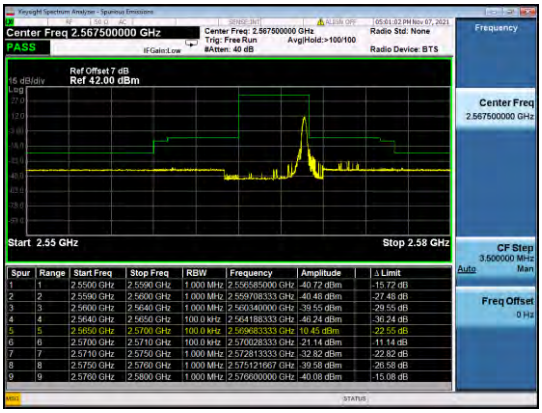
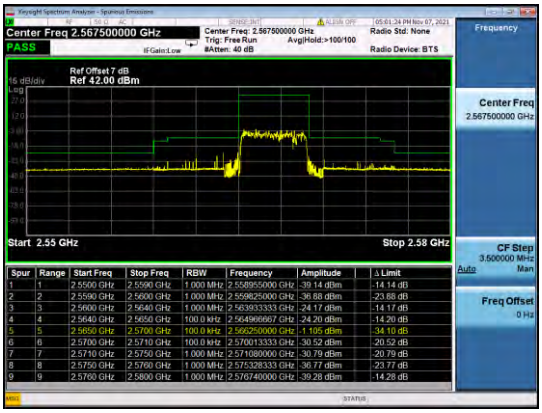
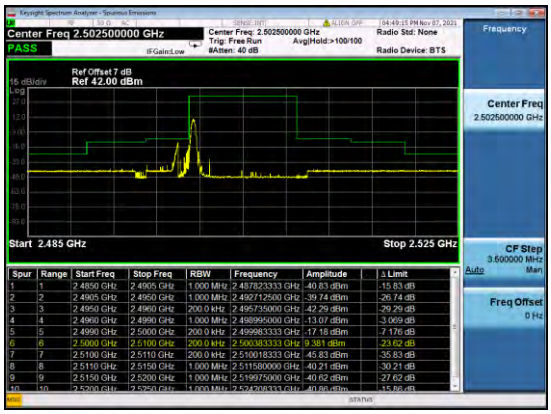
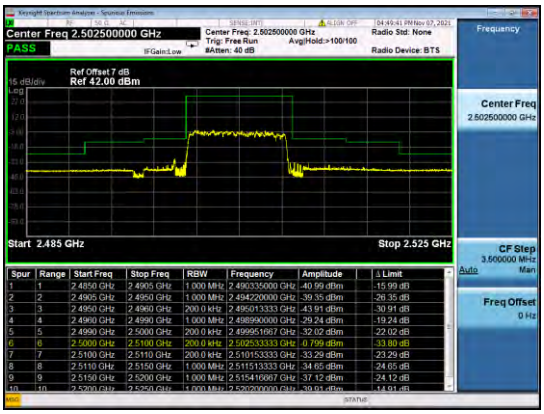
	
1-DC_66A_N5A-15KHZ-20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_RIGHT--PASS	1-DC_66A_N5A-15KHZ-20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-OUTER_FULL--PASS
	
1-DC_66A_N5A-15KHZ-20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_RIGHT--PASS	1-DC_66A_N5A-15KHZ-20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-OUTER_FULL--PASS

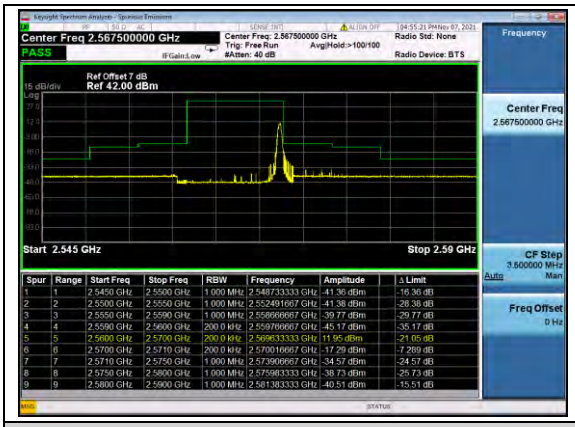
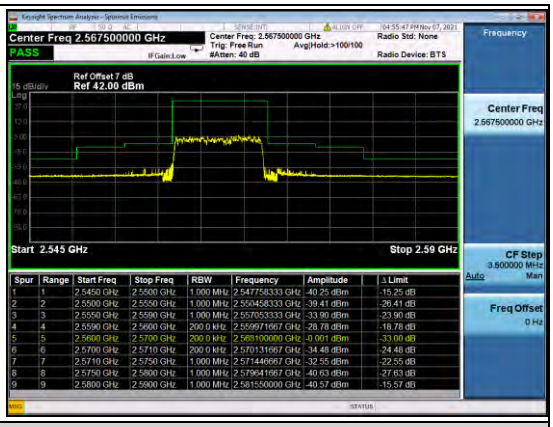
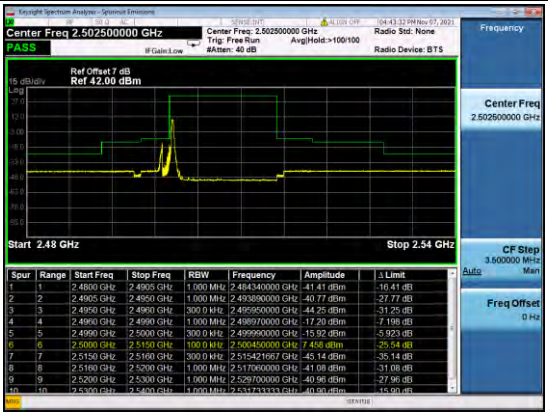
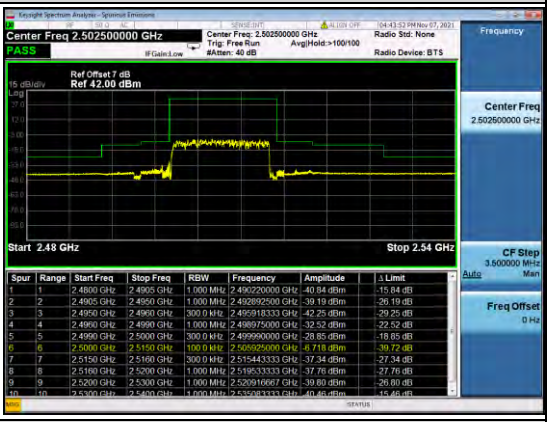
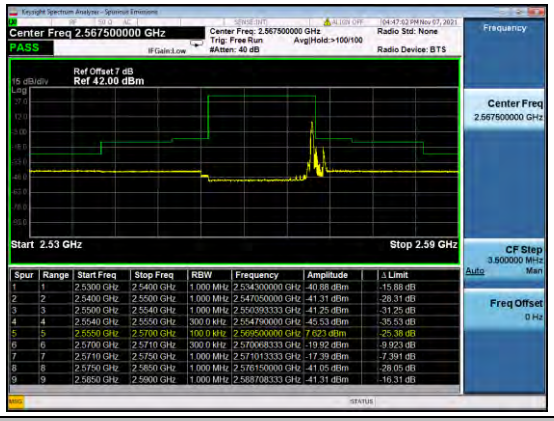
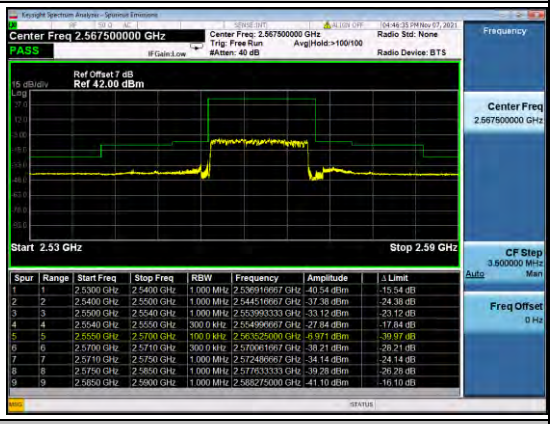
3.3 EN_DC5A_N7A

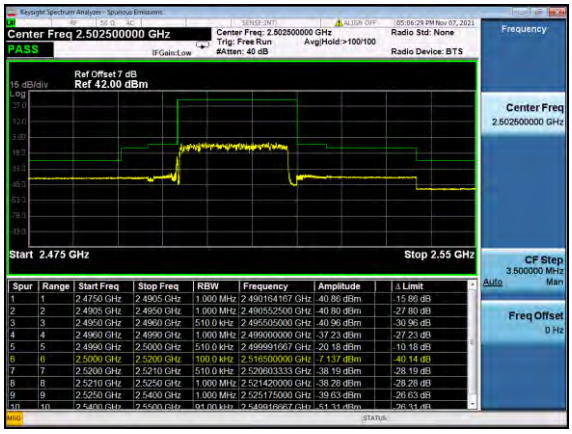
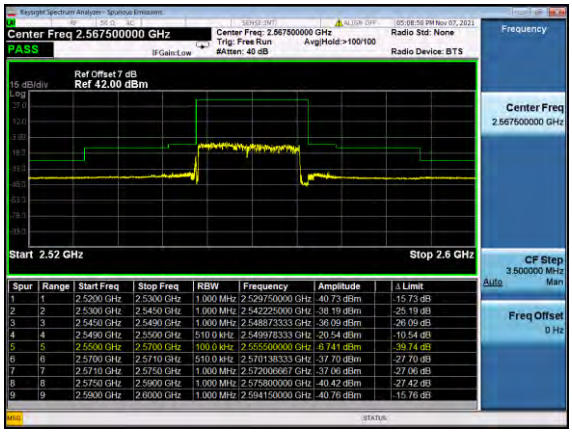
3.3.1 TEST RESULT

BAND	SCS	BANDWIDTH	MODULATION	CHANNEL	RB CONFIG （NR）	RESULT	VERDICT
DC_5A_N7A	15KHZ	10MHZ+5MHZ	N/A+DFT-PI2BPSK	MID+LOW	EDGE_1RB_LEFT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+5MHZ	N/A+DFT-PI2BPSK	MID+LOW	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+5MHZ	N/A+DFT-PI2BPSK	MID+HIGH	EDGE_1RB_RIGHT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+5MHZ	N/A+DFT-PI2BPSK	MID+HIGH	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+10MHZ	N/A+DFT-PI2BPSK	MID+LOW	EDGE_1RB_LEFT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+10MHZ	N/A+DFT-PI2BPSK	MID+LOW	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+10MHZ	N/A+DFT-PI2BPSK	MID+HIGH	EDGE_1RB_RIGHT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+10MHZ	N/A+DFT-PI2BPSK	MID+HIGH	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+15MHZ	N/A+DFT-PI2BPSK	MID+LOW	EDGE_1RB_LEFT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+15MHZ	N/A+DFT-PI2BPSK	MID+LOW	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+15MHZ	N/A+DFT-PI2BPSK	MID+HIGH	EDGE_1RB_RIGHT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+15MHZ	N/A+DFT-PI2BPSK	MID+HIGH	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+20MHZ	N/A+DFT-PI2BPSK	MID+LOW	EDGE_1RB_LEFT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+20MHZ	N/A+DFT-PI2BPSK	MID+LOW	OUTER_FULL	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+20MHZ	N/A+DFT-PI2BPSK	MID+HIGH	EDGE_1RB_RIGHT	SEE GRAPH	PASS
DC_5A_N7A	15KHZ	10MHZ+20MHZ	N/A+DFT-PI2BPSK	MID+HIGH	OUTER_FULL	SEE GRAPH	PASS

3.3.2 TEST GRAPHS

	
1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-OUTER_FULL--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT- PI2BPSK -MID+ HIGHT-N/A-EDGE_1RB_RIGHT --PASS	1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT- PI2BPSK -MID+HIGHT-N/A-EDGE_OUTER_FULL --PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+10MHZ-N/A+DFT- PI2BPSK -MID+LOW-N/A-EDGE_1RB_LEFT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT-QPSK-MID+ LOW-N/A-EDGE_OUTER_FULL --PASS

	
1-DC_5A_N7A-15KHZ-10MHZ+10MHZ-N/A+DFT- PI2BPSK -MID+HIGH-N/A-EDGE_1RB_RIGHT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+10MHZ-N/A+DFT- PI2BPSK -MID+HIGH-N/A-OUTER_FULL--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT- PI2BPSK -MID+LOW-N/A-EDGE_1RB_RIGHT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT- PI2BPSK -MID+LOW-N/A-OUTER_FULL--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT- PI2BPSK -MID+HIGHT-N/A-EDGE_1RB_LEFT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT- PI2BPSK -MID+HIGHT-N/A-EDGE_1RB_RIGHT--PASS

	
1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_RIGHT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-OUTER_FULL--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_RIGHT--PASS	1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-OUTER_FULL--PASS

4. CONDUCTED SPURIOUS EMISSION FOR NSA

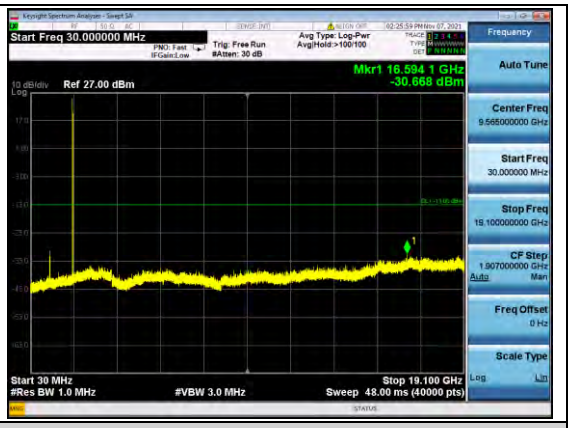
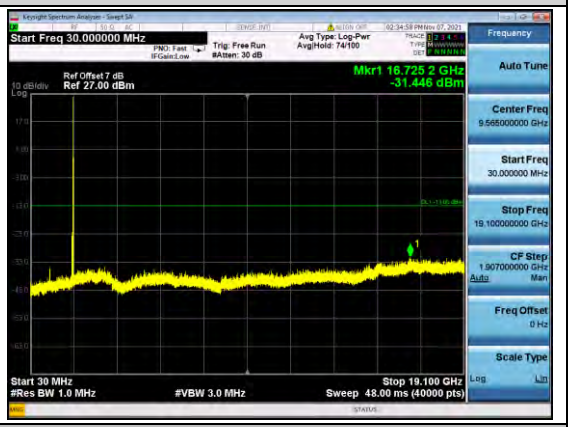
4.1 EN_DC_5A_N2A

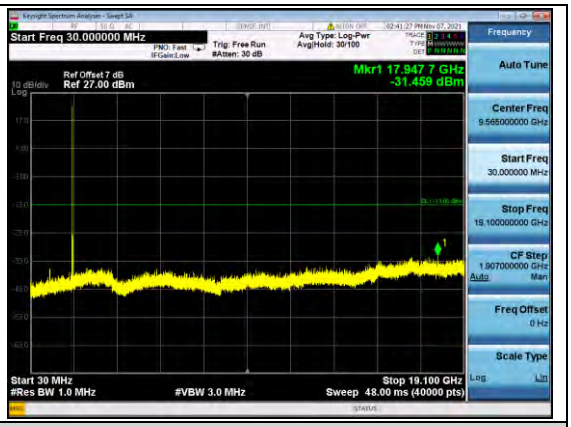
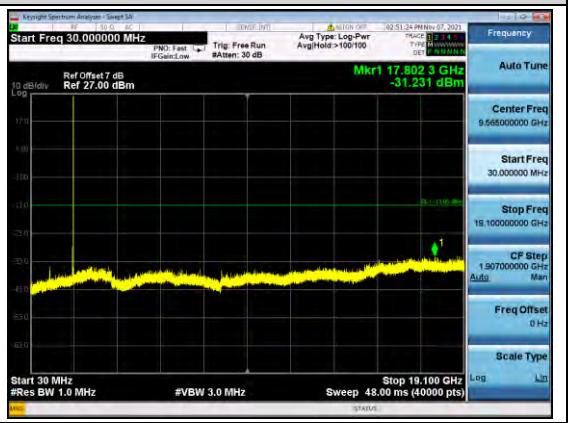
4.1.1 TEST RESULT

BAND	SCS	BAND WIDTH	MODULATION	CHANNEL	RB CONFIG （NR）	STARTFREQ	STOPFREQ	RESULT	LIMIT	VERDICT
DC_5A_N2A	15KHZ	5MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.381	-13	PASS
DC_5A_N2A	15KHZ	5MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.668	-13	PASS
DC_5A_N2A	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.485	-13	PASS
DC_5A_N2A	15KHZ	10MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.270	-13	PASS
DC_5A_N2A	15KHZ	10MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.497	-13	PASS
DC_5A_N2A	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.446	-13	PASS
DC_5A_N2A	15KHZ	15MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-29.771	-13	PASS
DC_5A_N2A	15KHZ	15MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.459	-13	PASS
DC_5A_N2A	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.507	-13	PASS
DC_5A_N2A	15KHZ	20MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.890	-13	PASS
DC_5A_N2A	15KHZ	20MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.889	-13	PASS

DC_5A_N2A	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.231	-13	PASS

4.1.2 TEST GRAPHS

	
1-DC_5A_N2A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-19100--PASS	1-DC_5A_N2A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-19100--PASS
	
1-DC_5A_N2A-15KHZ-5MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-19100--PASS	1-DC_5A_N2A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-19100--PASS
	
1-DC_5A_N2A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-19100--PASS	1-DC_5A_N2A-15KHZ-5MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-19100--PASS

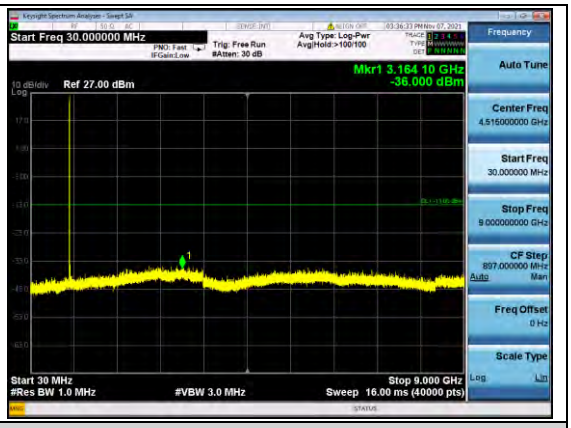
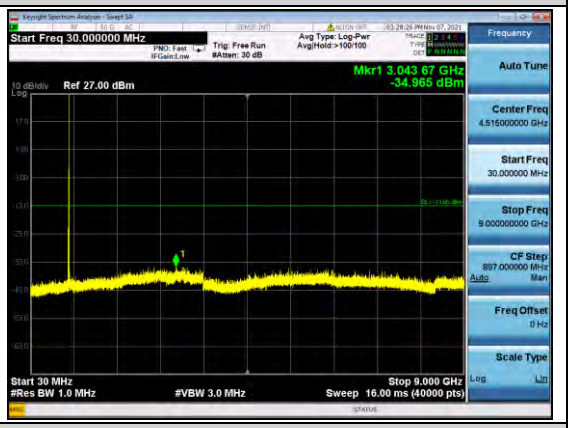
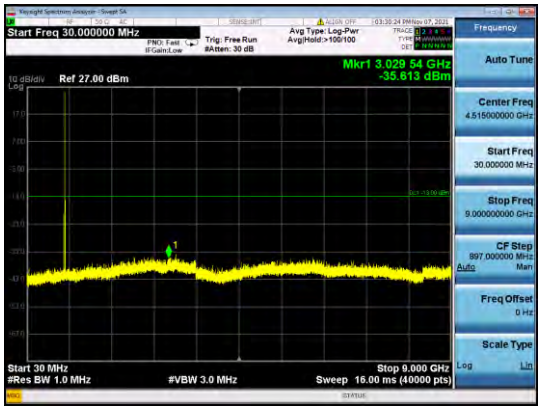
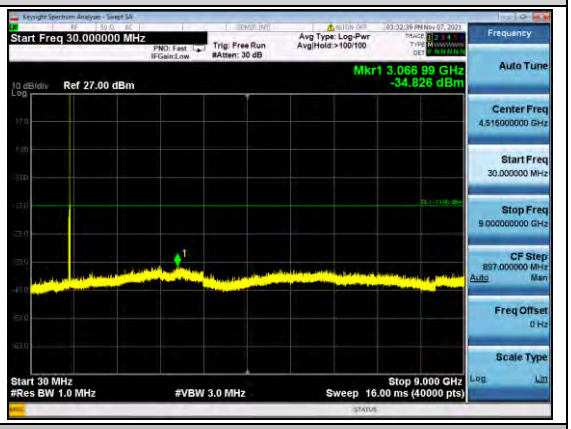
	
1-DC_5A_N2A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-19100--PASS	1-DC_5A_N2A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-19100--PASS
	
1-DC_5A_N2A-15KHZ-5MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-19100--PASS	1-DC_5A_N2A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-19100--PASS
	
1-DC_5A_N2A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-19100--PASS	1-DC_5A_N2A-15KHZ-5MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-19100--PASS

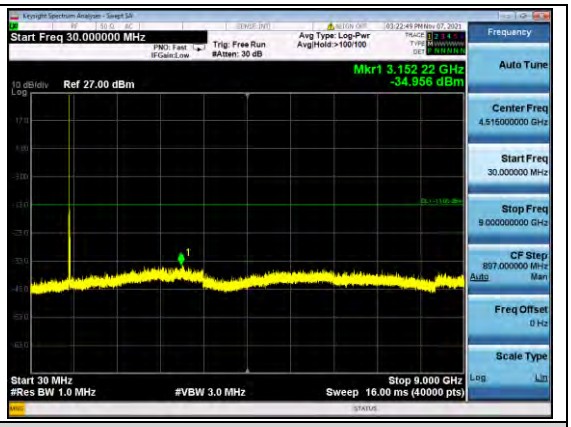
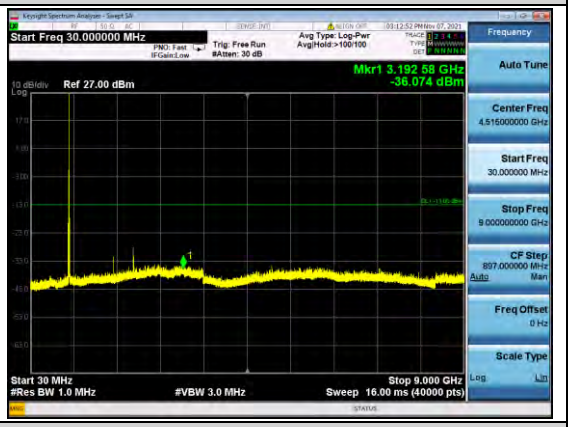
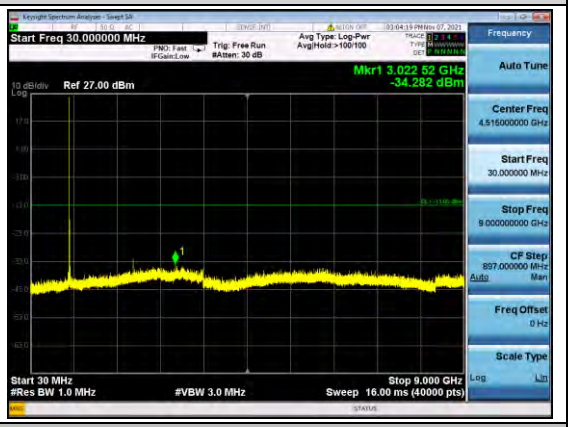
4.2 EN_DC_66A_N5A

4.2.1 TEST RESULT

BAND	SCS	BAND WIDTH	MODULATION	CHANNEL	RB CONFIG （NR）	STARTFREQ	STOPFREQ	RESULT	LIMIT	VERDICT
DC_66A_N5A	15KHZ	5MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.381	-13	PASS
DC_66A_N5A	15KHZ	5MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.668	-13	PASS
DC_66A_N5A	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.485	-13	PASS
DC_66A_N5A	15KHZ	10MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.270	-13	PASS
DC_66A_N5A	15KHZ	10MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.497	-13	PASS
DC_66A_N5A	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.446	-13	PASS
DC_66A_N5A	15KHZ	15MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-29.771	-13	PASS
DC_66A_N5A	15KHZ	15MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.459	-13	PASS
DC_66A_N5A	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.507	-13	PASS
DC_66A_N5A	15KHZ	20MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.890	-13	PASS
DC_66A_N5A	15KHZ	20MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-30.889	-13	PASS
DC_66A_N5A	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	19.1GHZ	-31.231	-13	PASS

4.2.2 TEST GRAPHS

	
1-DC_5A_N2A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N2A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N2A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N2A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N2A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N2A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS

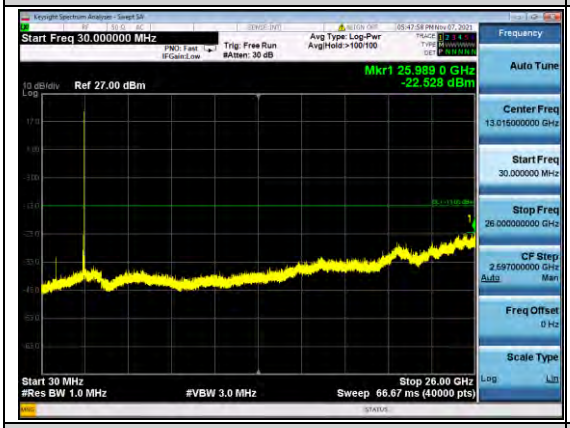
	
1-DC_5A_N2A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N2A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N2A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N2A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N2A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N2A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS

4.3 EN_DC_5A_N7A

4.3.1 TEST RESULT

BAND	SCS	BAND WIDTH	MODULATION	CHANNEL	RB CONFIG （NR）	STARTFREQ	STOPFREQ	RESULT	LIMIT	VERDICT
DC_5A_N7A	15KHZ	5MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	26GHZ	-31.381	-13	PASS
DC_5A_N7A	15KHZ	5MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	26GHZ	-30.668	-13	PASS
DC_5A_N7A	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	26GHZ	-30.485	-13	PASS
DC_5A_N7A	15KHZ	10MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	26GHZ	-30.270	-13	PASS
DC_5A_N7A	15KHZ	10MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	26GHZ	-30.497	-13	PASS
DC_5A_N7A	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	26GHZ	-31.446	-13	PASS
DC_5A_N7A	15KHZ	15MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	26GHZ	-29.771	-13	PASS
DC_5A_N7A	15KHZ	15MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	26GHZ	-31.459	-13	PASS
DC_5A_N7A	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	26GHZ	-31.507	-13	PASS
DC_5A_N7A	15KHZ	20MHZ	DFT-PI2BPSK	LOW	EDGE_1RB_LEFT	30MHZ	26GHZ	-30.890	-13	PASS
DC_5A_N7A	15KHZ	20MHZ	DFT-PI2BPSK	MID	EDGE_1RB_LEFT	30MHZ	26GHZ	-30.889	-13	PASS
DC_5A_N7A	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	EDGE_1RB_LEFT	30MHZ	26GHZ	-31.231	-13	PASS

4.3.2 TEST GRAPHS

	
1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N7A-15KHZ-10MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N2A-15KHZ-5MHZ+5MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N7A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N7A-15KHZ-10MHZ+10MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS

	
1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+15MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+LOW-N/A-EDGE_1RB_LEFT-30-9000--PASS
	
1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+MID-N/A-EDGE_1RB_LEFT-30-9000--PASS	1-DC_5A_N7A-15KHZ-10MHZ+20MHZ-N/A+DFT-PI2BPSK-MID+HIGH-N/A-EDGE_1RB_LEFT-30-9000--PASS

5. FREQUENCY STABILITY FOR NSA

5.1. EN_DC_5A_N2A

5.1.1 TEST RESULT

EN_DC_5A_N2A / BANDWIDTH: 20MHZ / NTNV												
MODULATIOSN	RB ALLOCATION		TEMP. (°C)	VOLTAGE (VDC)	FREQ. ERROR (HZ)			FREQ. VS. RATED (PPM)				VERDICT
	SIZE	OFFSET			LCH	MCH	HCH	LCH	MCH	HCH	LIMIT	
PI2BPSK	FULL	0	20	3.6	-10.4.00	-9.850	-9.670	-0.04.03	-0.0119	-0.0114	-2.5 TO 2.5	PASS
				4.0	-9.240	-8.130	-8.810	-0.014.0	-0.0098	-0.0104	-2.5 TO 2.5	PASS
				4.4	-7.820	-7.280	-7.440	-0.0095	-0.0088	-0.0088	-2.5 TO 2.5	PASS
			-10	4.0	-6.390	-6.130	-6.060	-0.0077	-0.0074	-0.0071	-2.5 TO 2.5	PASS
			0	4.0	-5.260	-4.410	-4.960	-0.0064	-0.0053	-0.0059	-2.5 TO 2.5	PASS
			10	4.0	-4.340	-3.150	-4.080	-0.0053	-0.0038	-0.0048	-2.5 TO 2.5	PASS
			30	4.0	-2.580	-2.430	-2.370	-0.0031	-0.0029	-0.0028	-2.5 TO 2.5	PASS
			40	4.0	-1.490	-1.520	-1.320	-0.0018	-0.0018	-0.0016	-2.5 TO 2.5	PASS
			50	4.0	-0.380	-0.390	-0.250	-0.0005	-0.0005	-0.0003	-2.5 TO 2.5	PASS
QPSK	FULL	0	20	3.6	-9.650	-9.007	-9.208	-0.0035	-0.0108	-0.0109	-2.5 TO 2.5	PASS
				4.0	-8.420	-7.859	-8.019	0.0016	-0.0094	-0.0095	-2.5 TO 2.5	PASS

				4.4	-7.210	-6.729	-6.850	-0.0023	-0.0080	-0.0081	-2.5 TO 2.5	PASS
			-10	4.0	-5.320	-4.965	-5.023	-0.0116	-0.0059	-0.0060	-2.5 TO 2.5	PASS
			0	4.0	-4.280	-3.995	-4.017	-0.0102	-0.0048	-0.0048	-2.5 TO 2.5	PASS
			10	4.0	-3.340	-3.117	-3.109	-0.0087	-0.0037	-0.0037	-2.5 TO 2.5	PASS
			30	4.0	-2.150	-2.007	-1.958	-0.0064	-0.0024	-0.0023	-2.5 TO 2.5	PASS
			40	4.0	-1.4.00	-1.045	-0.963	-0.0052	-0.004.0	-0.0011	-2.5 TO 2.5	PASS
			50	4.0	0.230	0.215	0.342	-0.0040	0.0003	0.0004	-2.5 TO 2.5	PASS
16QAM	FULL	0		3.6	-10.240	-10.923	-10.351	-0.0146	-0.0154	-0.0145	-2.5 TO 2.5	PASS
			20	4.0	-8.430	-8.992	-8.481	-0.04.00	-0.04.07	-0.0119	-2.5 TO 2.5	PASS
				4.4	-7.510	-8.011	-7.530	-0.0107	-0.0113	-0.0105	-2.5 TO 2.5	PASS
			-10	4.0	-5.360	-5.717	-5.309	-0.0077	-0.0081	-0.0074	-2.5 TO 2.5	PASS
			0	4.0	-4.850	-5.173	-4.782	-0.0069	-0.0073	-0.0067	-2.5 TO 2.5	PASS
			10	4.0	-3.240	-3.456	-3.118	-0.0046	-0.0049	-0.0044	-2.5 TO 2.5	PASS
			30	4.0	-1.770	-1.888	-1.599	-0.0025	-0.0027	-0.0022	-2.5 TO 2.5	PASS
			40	4.0	-0.640	-0.683	-0.431	-0.0009	-0.0010	-0.0006	-2.5 TO	PASS

											2.5	
			50	4.0	0.380	0.405	0.623	0.0005	0.0006	0.0009	-2.5 TO 2.5	PASS
64QAM	FULL	0	20	3.6	-9.640	-10.283	-9.731	-0.0137	-0.0145	-0.0136	-2.5 TO 2.5	PASS
				4.0	-8.260	-8.811	-8.305	-0.0118	-0.04.05	-0.0116	-2.5 TO 2.5	PASS
				4.4	-7.640	-8.149	-7.665	-0.0109	-0.0115	-0.0107	-2.5 TO 2.5	PASS
			-10	4.0	-6.590	-7.029	-6.580	-0.0094	-0.0099	-0.0092	-2.5 TO 2.5	PASS
			0	4.0	-5.380	-5.739	-5.160	-0.0077	-0.0081	-0.0072	-2.5 TO 2.5	PASS
			10	4.0	-3.890	-4.149	-3.690	-0.0055	-0.0059	-0.0052	-2.5 TO 2.5	PASS
			30	4.0	-2.410	-2.571	-2.250	-0.0034	-0.0036	-0.0032	-2.5 TO 2.5	PASS
			40	4.0	-1.630	-1.739	-1.470	-0.0023	-0.0025	-0.0021	-2.5 TO 2.5	PASS
			50	4.0	-0.530	-0.565	-0.360	-0.0008	-0.0008	-0.0005	-2.5 TO 2.5	PASS
256QAM	FULL	0	20	3.6	-8.690	-9.640	-9.890	-0.0047	-0.0051	-0.0052	-2.5 TO 2.5	PASS
				4.0	-7.480	-7.650	-8.460	-0.0040	-0.0041	-0.0045	-2.5 TO 2.5	PASS
				4.4	-6.350	-6.350	-6.410	-0.0034	-0.0034	-0.0034	-2.5 TO 2.5	PASS
			-10	4.0	-5.260	-5.140	-5.360	-0.0028	-0.0027	-0.0028	-2.5 TO 2.5	PASS

			0	4.0	-4.760	-4.350	-4.190	-0.0026	-0.0023	-0.0022	-2.5 TO 2.5	PASS
			10	4.0	-3.160	-2.820	-2.880	-0.0017	-0.0015	-0.0015	-2.5 TO 2.5	PASS
			30	4.0	-1.820	-1.640	-1.640	-0.0010	-0.0009	-0.0009	-2.5 TO 2.5	PASS
			40	4.0	-0.460	-0.370	-0.360	-0.0002	-0.0002	-0.0002	-2.5 TO 2.5	PASS
			50	4.0	0.680	0.610	0.440	0.0004	0.0003	0.0002	-2.5 TO 2.5	PASS

5.2 EN_DC_66A_N5A

5.2.1 TEST RESULT

EN_DC_66A_N5A / BANDWIDTH: 20MHZ / NTNV												
MODULATIOSN	RB ALLOCATION		TEMP. (°C)	VOLTAGE (VDC)	FREQ. ERROR (HZ)			FREQ. VS. RATED (PPM)				VERDICT
	SIZE	OFFSET			LCH	MCH	HCH	LCH	MCH	HCH	LIMIT	
PI2BPSK	FULL	0	20	3.6	-10.250	-10.350	-10.230	-0.0055	-0.0055	-0.0055	-2.5 TO 2.5	PASS
				4.0	-9.340	-9.640	-9.350	-0.0050	-0.0051	-0.0050	-2.5 TO 2.5	PASS
				4.4	-5.4.00	-8.310	-8.240	-0.0028	-0.0044	-0.0045	-2.5 TO 2.5	PASS
			-10	4.0	-7.650	-7.430	-6.350	-0.0041	-0.0040	-0.0034	-2.5 TO 2.5	PASS
			0	4.0	-5.450	-5.360	-5.470	-0.0029	-0.0029	-0.0030	-2.5 TO 2.5	PASS
			10	4.0	-4.210	-4.280	-3.340	-0.0023	-0.0023	-0.0018	-2.5 TO 2.5	PASS
			30	4.0	-3.510	-3.650	-2.870	-0.0019	-0.0019	-0.0016	-2.5 TO	PASS

											2.5	
			40	4.0	-1.580	-1.740	-1.190	-0.0009	-0.0009	-0.0006	-2.5 TO 2.5	PASS
			50	4.0	-0.650	-0.650	-0.540	-0.0004	-0.0003	-0.0003	-2.5 TO 2.5	PASS
QPSK	FULL	0	20	3.6	-10.240	-9.520	-9.208	-0.0054	-0.0051	-0.0109	-2.5 TO 2.5	PASS
				4.0	-8.640	-8.640	-8.019	-0.0046	-0.0047	-0.0095	-2.5 TO 2.5	PASS
				4.4	-7.340	-7.420	-6.850	-0.0039	-0.0040	-0.0081	-2.5 TO 2.5	PASS
			-10	4.0	-6.520	-6.630	-5.023	-0.0035	-0.0036	-0.0060	-2.5 TO 2.5	PASS
			0	4.0	-5.390	-5.850	-4.017	-0.0029	-0.0032	-0.0048	-2.5 TO 2.5	PASS
			10	4.0	-4.250	-4.320	-3.109	-0.0023	-0.0023	-0.0037	-2.5 TO 2.5	PASS
			30	4.0	-2.670	-2.870	-1.958	-0.0014	-0.0015	-0.0023	-2.5 TO 2.5	PASS
			40	4.0	-1.540	-1.620	-0.963	-0.0008	-0.0009	-0.0011	-2.5 TO 2.5	PASS
			50	4.0	-0.350	-0.320	0.342	-0.0002	-0.0002	0.0004	-2.5 TO 2.5	PASS
16QAM	FULL	0	20	3.6	-10.240	-10.923	-10.351	-0.0146	-0.0051	-0.0145	-2.5 TO 2.5	PASS
				4.0	-8.430	-8.992	-8.481	-0.04.00	-0.0047	-0.0119	-2.5 TO 2.5	PASS
				4.4	-7.510	-8.011	-7.530	-0.0107	-0.0040	-0.0105	-2.5 TO 2.5	PASS

			-10	4.0	-5.360	-5.717	-5.309	-0.0077	-0.0036	-0.0074	-2.5 TO 2.5	PASS
			0	4.0	-4.850	-5.173	-4.782	-0.0069	-0.0032	-0.0067	-2.5 TO 2.5	PASS
			10	4.0	-3.240	-3.456	-3.118	-0.0046	-0.0023	-0.0044	-2.5 TO 2.5	PASS
			30	4.0	-1.770	-1.888	-1.599	-0.0025	-0.0015	-0.0022	-2.5 TO 2.5	PASS
			40	4.0	-0.640	-0.683	-0.431	-0.0009	-0.0009	-0.0006	-2.5 TO 2.5	PASS
			50	4.0	0.380	0.405	0.623	0.0005	-0.0002	0.0009	-2.5 TO 2.5	PASS
64QAM	FULL	0	20	3.6	-9.640	-10.283	-9.630	-0.0137	-0.0051	-0.0051	-2.5 TO 2.5	PASS
				4.0	-8.260	-8.811	-8.450	-0.0118	-0.0047	-0.0045	-2.5 TO 2.5	PASS
				4.4	-7.640	-8.149	-7.210	-0.0109	-0.0040	-0.0038	-2.5 TO 2.5	PASS
			-10	4.0	-6.590	-7.029	-6.330	-0.0094	-0.0036	-0.0034	-2.5 TO 2.5	PASS
			0	4.0	-5.380	-5.739	-5.260	-0.0077	-0.0032	-0.0028	-2.5 TO 2.5	PASS
			10	4.0	-3.890	-4.149	-3.740	-0.0055	-0.0023	-0.0020	-2.5 TO 2.5	PASS
			30	4.0	-2.410	-2.571	-2.650	-0.0034	-0.0015	-0.0014	-2.5 TO 2.5	PASS
			40	4.0	-1.630	-1.739	-1.180	-0.0023	-0.0009	-0.0006	-2.5 TO 2.5	PASS
			50	4.0	-0.530	-0.565	0.320	-0.0008	-0.0002	0.0002	-2.5 TO	PASS

											2.5	
256QAM	FULL	0	20	3.6	-9.320	-9.420	-9.340	-0.0050	-0.0050	-0.0050	-2.5 TO 2.5	PASS
				4.0	-8.210	-8.510	-8.870	-0.0044	-0.0045	-0.0048	-2.5 TO 2.5	PASS
				4.4	-7.140	-7.310	-7.410	-0.0038	-0.0039	-0.0040	-2.5 TO 2.5	PASS
			-10	4.0	-3.220	-6.330	-5.570	-0.0017	-0.0034	-0.0030	-2.5 TO 2.5	PASS
			0	4.0	-5.290	-4.850	-4.310	-0.0029	-0.0026	-0.0023	-2.5 TO 2.5	PASS
			10	4.0	-3.820	-3.640	-3.420	-0.0021	-0.0019	-0.0018	-2.5 TO 2.5	PASS
			30	4.0	-2.740	-2.710	-2.180	-0.0015	-0.0014	-0.004.0	-2.5 TO 2.5	PASS
			40	4.0	-1.870	-1.480	-0.950	-0.0010	-0.0008	-0.0005	-2.5 TO 2.5	PASS
			50	4.0	0.540	0.340	0.420	0.0003	0.0002	0.0002	-2.5 TO 2.5	PASS

5.3 EN_DC_5A_N7A

5.3.1 TEST RESULT

EN_DC_5A_N7A / BANDWIDTH: 20MHZ / NTNV												
MODULATIOSN	RB ALLOCATION		TEMP. (°C)	VOLTAGE (VDC)	FREQ. ERROR (HZ)			FREQ. VS. RATED (PPM)				VERDICT
	SIZE	OFFSET			LCH	MCH	HCH	LCH	MCH	HCH	LIMIT	
PI2BPSK	FULL	0	20	3.6	-10.520	-9.650	-9.007	-0.04.08	-0.0115	-0.0106	-2.5 TO 2.5	PASS
				4.0	-9.240	-8.420	-7.859	-0.014.0	-0.0101	-0.0093	-2.5 TO 2.5	PASS

				4.4	-8.170	-7.410	-6.916	-0.0099	-0.0089	-0.0082	-2.5 TO 2.5	PASS
			-10	4.0	-7.180	-6.530	-6.095	-0.0087	-0.0078	-0.0072	-2.5 TO 2.5	PASS
			0	4.0	-6.390	-5.850	-5.460	-0.0077	-0.0070	-0.0064	-2.5 TO 2.5	PASS
			10	4.0	-4.740	-4.310	-4.023	-0.0057	-0.0052	-0.0047	-2.5 TO 2.5	PASS
			30	4.0	-2.410	-2.180	-2.035	-0.0029	-0.0026	-0.0024	-2.5 TO 2.5	PASS
			40	4.0	-1.450	-1.390	-1.297	-0.0018	-0.0017	-0.0015	-2.5 TO 2.5	PASS
			50	4.0	-0.350	-0.340	-0.317	-0.0004	-0.0004	-0.0004	-2.5 TO 2.5	PASS
QPSK	FULL	0	20	3.6	-10.240	-9.520	-9.760	-0.04.04	-0.0114	-0.0115	-2.5 TO 2.5	PASS
				4.0	-9.230	-8.540	-8.765	-0.014.0	-0.0102	-0.0103	-2.5 TO 2.5	PASS
				4.4	-7.540	-7.250	-7.275	-0.0091	-0.0087	-0.0086	-2.5 TO 2.5	PASS
			-10	4.0	-6.320	-5.840	-5.960	-0.0077	-0.0070	-0.0070	-2.5 TO 2.5	PASS
			0	4.0	-5.240	-4.760	-4.880	-0.0063	-0.0057	-0.0058	-2.5 TO 2.5	PASS
			10	4.0	-4.160	-3.740	-3.830	-0.0050	-0.0045	-0.0045	-2.5 TO 2.5	PASS
			30	4.0	-2.450	-2.190	-2.200	-0.0030	-0.0026	-0.0026	-2.5 TO 2.5	PASS
			40	4.0	-1.430	-1.230	-1.210	-0.0017	-0.0015	-0.0014	-2.5 TO	PASS

										2.5	
			50	4.0	-0.390	-0.310	-0.230	-0.0005	-0.0004	-0.0003	-2.5 TO 2.5	PASS
16QAM	FULL	0	20	3.6	-9.740	-9.091	-9.295	-0.0118	-0.0109	-0.0110	-2.5 TO 2.5	PASS
				4.0	-8.150	-7.607	-7.758	-0.0099	-0.0091	-0.0092	-2.5 TO 2.5	PASS
				4.4	-7.130	-6.655	-6.772	-0.0086	-0.0080	-0.0080	-2.5 TO 2.5	PASS
			-10	4.0	-6.210	-5.796	-5.883	-0.0075	-0.0069	-0.0069	-2.5 TO 2.5	PASS
			0	4.0	-4.560	-4.256	-4.288	-0.0055	-0.0051	-0.0051	-2.5 TO 2.5	PASS
			10	4.0	-3.280	-3.061	-3.051	-0.0040	-0.0037	-0.0036	-2.5 TO 2.5	PASS
			30	4.0	-2.450	-2.287	-2.248	-0.0030	-0.0027	-0.0027	-2.5 TO 2.5	PASS
			40	4.0	-1.450	-1.353	-1.282	-0.0018	-0.0016	-0.0015	-2.5 TO 2.5	PASS
			50	4.0	-0.320	-0.299	-0.189	-0.0004	-0.0004	-0.0002	-2.5 TO 2.5	PASS
64QAM	FULL	0	20	3.6	-9.570	-8.932	-9.131	-0.0115	-0.0107	-0.0108	-2.5 TO 2.5	PASS
				4.0	-8.410	-7.849	-8.010	-0.0101	-0.0094	-0.0095	-2.5 TO 2.5	PASS
				4.4	-7.390	-6.897	-7.024	-0.0089	-0.0082	-0.0083	-2.5 TO 2.5	PASS
			-10	4.0	-5.240	-4.891	-4.945	-0.0063	-0.0058	-0.0059	-2.5 TO 2.5	PASS

			0	4.0	-4.370	-4.079	-4.104	-0.0053	-0.0049	-0.0049	-2.5 TO 2.5	PASS
			10	4.0	-3.260	-3.043	-3.031	-0.0039	-0.0036	-0.0036	-2.5 TO 2.5	PASS
			30	4.0	-2.080	-1.941	-1.891	-0.0025	-0.0023	-0.0022	-2.5 TO 2.5	PASS
			40	4.0	-1.190	-1.111	-1.030	-0.0014	-0.0013	-0.004.0	-2.5 TO 2.5	PASS
			50	4.0	-0.450	-0.420	-0.315	-0.0005	-0.0005	-0.0004	-2.5 TO 2.5	PASS
256QAM	FULL	0	20	3.6	-9.340	-9.651	-9.340	-0.0037	-0.0039	-0.0038	-2.5 TO 2.5	PASS
				4.0	-8.260	-8.535	-8.870	-0.0033	-0.0035	-0.0033	-2.5 TO 2.5	PASS
				4.4	-7.180	-7.419	-7.410	-0.0029	-0.0030	-0.0029	-2.5 TO 2.5	PASS
			-10	4.0	-6.690	-6.913	-5.570	-0.0027	-0.0028	-0.0027	-2.5 TO 2.5	PASS
			0	4.0	-5.210	-5.384	-4.310	-0.0021	-0.0022	-0.0021	-2.5 TO 2.5	PASS
			10	4.0	-4.380	-4.526	-3.420	-0.0018	-0.0018	-0.0018	-2.5 TO 2.5	PASS
			30	4.0	-3.170	-3.276	-2.180	-0.0013	-0.0013	-0.0013	-2.5 TO 2.5	PASS
			40	4.0	-1.890	-1.953	-0.950	-0.0008	-0.0008	-0.0008	-2.5 TO 2.5	PASS
			50	4.0	-0.340	-0.351	0.420	-0.0001	-0.0001	-0.0001	-2.5 TO 2.5	PASS