

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NR Band5

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	826.5	165300	5	15kHz	Inner_1RB_Left	22.36
					Inner_1RB_Right	22.82
					Inner_Full	22.37
	836.5	167300			Inner_1RB_Left	22.99
					Inner_1RB_Right	22.97
					Inner_Full	22.93
	846.5	169300			Inner_1RB_Left	22.94
					Inner_1RB_Right	22.86
					Inner_Full	23.05
DFT-QPSK	826.5	165300	5	15kHz	Inner_1RB_Left	22.45
					Inner_1RB_Right	22.87
					Inner_Full	22.93
	836.5	167300			Inner_1RB_Left	22.91
					Inner_1RB_Right	22.90
					Inner_Full	22.88
	846.5	169300			Inner_1RB_Left	22.83
					Inner_1RB_Right	22.76
					Inner_Full	22.79
DFT-16QAM	826.5	165300	5	15kHz	Inner_1RB_Left	21.49
					Inner_1RB_Right	21.96
					Inner_Full	21.53
	836.5	167300			Inner_1RB_Left	22.11
					Inner_1RB_Right	21.97
					Inner_Full	21.73
	846.5	169300			Inner_1RB_Left	21.88
					Inner_1RB_Right	21.86
					Inner_Full	21.91
DFT-64QAM	826.5	165300	5	15kHz	Inner_1RB_Left	19.79
					Inner_1RB_Right	20.25
					Inner_Full	20.02
	836.5	167300			Inner_1RB_Left	20.20
					Inner_1RB_Right	20.13
					Inner_Full	20.35
	846.5	169300			Inner_1RB_Left	20.19
					Inner_1RB_Right	20.17
					Inner_Full	20.42
DFT-256QA M	826.5	165300	5	15kHz	Inner_1RB_Left	18.52
					Inner_1RB_Right	18.94
					Inner_Full	20.19
	836.5	167300			Inner_1RB_Left	18.94
					Inner_1RB_Right	18.87
					Inner_Full	20.32
	846.5	169300			Inner_1RB_Left	18.73
					Inner_1RB_Right	18.73
					Inner_Full	20.30

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	826.5	165300	5	15kHz	Inner_1RB_Left	19.02
					Inner_1RB_Right	21.24
					Inner_Full	17.01
	836.5	167300			Inner_1RB_Left	19.38
					Inner_1RB_Right	21.28
					Inner_Full	16.86
	846.5	169300			Inner_1RB_Left	20.91
					Inner_1RB_Right	21.15
					Inner_Full	20.99
CP-16QAM	826.5	165300			Inner_1RB_Left	20.50
					Inner_1RB_Right	20.88
					Inner_Full	20.42
	836.5	167300			Inner_1RB_Left	20.99
					Inner_1RB_Right	20.93
					Inner_Full	20.79
	846.5	169300			Inner_1RB_Left	20.93
					Inner_1RB_Right	20.84
					Inner_Full	20.83
CP-64QAM	826.5	165300			Inner_1RB_Left	18.69
					Inner_1RB_Right	19.06
					Inner_Full	19.02
	836.5	167300			Inner_1RB_Left	19.18
					Inner_1RB_Right	19.09
					Inner_Full	19.37
	846.5	169300			Inner_1RB_Left	19.12
					Inner_1RB_Right	19.08
					Inner_Full	19.44
CP-256QAM	826.5	165300	Inner_1RB_Left	16.59		
			Inner_1RB_Right	16.92		
			Inner_Full	19.19		
	836.5	167300	Inner_1RB_Left	16.95		
			Inner_1RB_Right	16.65		
			Inner_Full	19.22		
	846.5	169300	Inner_1RB_Left	16.46		
			Inner_1RB_Right	16.43		
			Inner_Full	19.21		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	829	165800	10	15kHz	Inner_1RB_Left	22.41
					Inner_1RB_Right	22.94
					Inner_Full	23.02
	836.5	167300			Inner_1RB_Left	23.13
					Inner_1RB_Right	22.99
					Inner_Full	22.99
	844	168800			Inner_1RB_Left	23.00
					Inner_1RB_Right	22.83
					Inner_Full	23.01
DFT-QPSK	829	165800	10	15kHz	Inner_1RB_Left	22.42
					Inner_1RB_Right	22.91
					Inner_Full	22.93
	836.5	167300			Inner_1RB_Left	23.15
					Inner_1RB_Right	23.04
					Inner_Full	23.06
	844	168800			Inner_1RB_Left	22.95
					Inner_1RB_Right	22.78
					Inner_Full	22.80
DFT-16QAM	829	165800	10	15kHz	Inner_1RB_Left	21.38
					Inner_1RB_Right	21.92
					Inner_Full	21.86
	836.5	167300			Inner_1RB_Left	22.09
					Inner_1RB_Right	21.99
					Inner_Full	21.80
	844	168800			Inner_1RB_Left	21.96
					Inner_1RB_Right	21.80
					Inner_Full	21.83
DFT-64QAM	829	165800	10	15kHz	Inner_1RB_Left	20.19
					Inner_1RB_Right	20.75
					Inner_Full	20.45
	836.5	167300			Inner_1RB_Left	20.88
					Inner_1RB_Right	20.67
					Inner_Full	20.36
	844	168800			Inner_1RB_Left	20.60
					Inner_1RB_Right	20.56
					Inner_Full	20.38
DFT-256QA M	829	165800	10	15kHz	Inner_1RB_Left	18.99
					Inner_1RB_Right	18.91
					Inner_Full	20.76
	836.5	167300			Inner_1RB_Left	18.98
					Inner_1RB_Right	18.72
					Inner_Full	20.56
	844	168800			Inner_1RB_Left	18.75
					Inner_1RB_Right	18.61
					Inner_Full	20.45

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	829	165800	10	15kHz	Inner_1RB_Left	19.42
					Inner_1RB_Right	21.36
					Inner_Full	16.87
	836.5	167300			Inner_1RB_Left	21.06
					Inner_1RB_Right	21.30
					Inner_Full	21.15
	844	168800			Inner_1RB_Left	21.09
					Inner_1RB_Right	21.13
					Inner_Full	21.07
CP-16QAM	829	165800	10	15kHz	Inner_1RB_Left	20.53
					Inner_1RB_Right	21.04
					Inner_Full	20.87
	836.5	167300			Inner_1RB_Left	21.17
					Inner_1RB_Right	21.03
					Inner_Full	20.73
	844	168800			Inner_1RB_Left	20.86
					Inner_1RB_Right	20.66
					Inner_Full	20.69
CP-64QAM	829	165800	10	15kHz	Inner_1RB_Left	19.13
					Inner_1RB_Right	19.65
					Inner_Full	19.45
	836.5	167300			Inner_1RB_Left	19.79
					Inner_1RB_Right	19.58
					Inner_Full	19.37
	844	168800			Inner_1RB_Left	19.98
					Inner_1RB_Right	19.72
					Inner_Full	19.31
CP-256QAM	829	165800	10	15kHz	Inner_1RB_Left	17.21
					Inner_1RB_Right	16.93
					Inner_Full	19.67
	836.5	167300			Inner_1RB_Left	17.07
					Inner_1RB_Right	16.70
					Inner_Full	19.52
	844	168800			Inner_1RB_Left	16.78
					Inner_1RB_Right	16.65
					Inner_Full	19.35

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	831.5	166300	15	15kHz	Inner_1RB_Left	22.40
					Inner_1RB_Right	22.83
					Inner_Full	23.04
	836.5	167300			Inner_1RB_Left	23.23
					Inner_1RB_Right	23.00
					Inner_Full	23.12
	841.5	168300			Inner_1RB_Left	22.99
					Inner_1RB_Right	22.90
					Inner_Full	23.10
DFT-QPSK	831.5	166300	15	15kHz	Inner_1RB_Left	22.38
					Inner_1RB_Right	22.56
					Inner_Full	22.93
	836.5	167300			Inner_1RB_Left	23.19
					Inner_1RB_Right	22.88
					Inner_Full	22.90
	841.5	168300			Inner_1RB_Left	22.90
					Inner_1RB_Right	22.80
					Inner_Full	22.76
DFT-16QAM	831.5	166300	15	15kHz	Inner_1RB_Left	21.42
					Inner_1RB_Right	21.91
					Inner_Full	21.96
	836.5	167300			Inner_1RB_Left	22.18
					Inner_1RB_Right	21.93
					Inner_Full	21.84
	841.5	168300			Inner_1RB_Left	21.89
					Inner_1RB_Right	21.85
					Inner_Full	21.84
DFT-64QAM	831.5	166300	15	15kHz	Inner_1RB_Left	20.18
					Inner_1RB_Right	20.63
					Inner_Full	20.50
	836.5	167300			Inner_1RB_Left	20.91
					Inner_1RB_Right	20.48
					Inner_Full	20.38
	841.5	168300			Inner_1RB_Left	20.70
					Inner_1RB_Right	20.54
					Inner_Full	20.37
DFT-256QA M	831.5	166300	15	15kHz	Inner_1RB_Left	18.98
					Inner_1RB_Right	18.81
					Inner_Full	20.56
	836.5	167300			Inner_1RB_Left	19.18
					Inner_1RB_Right	18.72
					Inner_Full	20.42
	841.5	168300			Inner_1RB_Left	18.93
					Inner_1RB_Right	18.67
					Inner_Full	20.46

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	831.5	166300	15	15kHz	Inner_1RB_Left	21.24
					Inner_1RB_Right	21.22
					Inner_Full	21.28
	836.5	167300			Inner_1RB_Left	19.95
					Inner_1RB_Right	20.98
					Inner_Full	17.01
	841.5	168300			Inner_1RB_Left	19.46
					Inner_1RB_Right	21.15
					Inner_Full	16.75
CP-16QAM	831.5	166300	15	15kHz	Inner_1RB_Left	20.49
					Inner_1RB_Right	20.90
					Inner_Full	20.89
	836.5	167300			Inner_1RB_Left	21.20
					Inner_1RB_Right	20.63
					Inner_Full	20.81
	841.5	168300			Inner_1RB_Left	20.97
					Inner_1RB_Right	20.78
					Inner_Full	20.79
CP-64QAM	831.5	166300	15	15kHz	Inner_1RB_Left	19.14
					Inner_1RB_Right	19.49
					Inner_Full	19.54
	836.5	167300			Inner_1RB_Left	19.82
					Inner_1RB_Right	19.37
					Inner_Full	19.45
	841.5	168300			Inner_1RB_Left	19.64
					Inner_1RB_Right	19.35
					Inner_Full	19.46
CP-256QAM	831.5	166300	15	15kHz	Inner_1RB_Left	17.28
					Inner_1RB_Right	16.78
					Inner_Full	19.43
	836.5	167300			Inner_1RB_Left	17.20
					Inner_1RB_Right	16.67
					Inner_Full	19.36
	841.5	168300			Inner_1RB_Left	16.96
					Inner_1RB_Right	16.66
					Inner_Full	19.30

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	834	166800	20	15kHz	Inner_1RB_Left	22.47
					Inner_1RB_Right	22.91
					Inner_Full	23.16
	836.5	167300			Inner_1RB_Left	22.71
					Inner_1RB_Right	22.93
					Inner_Full	23.11
	839	167800			Inner_1RB_Left	23.17
					Inner_1RB_Right	22.86
					Inner_Full	23.05
DFT-QPSK	834	166800	20	15kHz	Inner_1RB_Left	22.33
					Inner_1RB_Right	22.81
					Inner_Full	22.81
	836.5	167300			Inner_1RB_Left	22.54
					Inner_1RB_Right	22.80
					Inner_Full	22.80
	839	167800			Inner_1RB_Left	22.99
					Inner_1RB_Right	22.75
					Inner_Full	22.77
DFT-16QAM	834	166800	20	15kHz	Inner_1RB_Left	21.36
					Inner_1RB_Right	21.87
					Inner_Full	21.90
	836.5	167300			Inner_1RB_Left	21.68
					Inner_1RB_Right	22.03
					Inner_Full	21.88
	839	167800			Inner_1RB_Left	22.28
					Inner_1RB_Right	22.10
					Inner_Full	21.89
DFT-64QAM	834	166800	20	15kHz	Inner_1RB_Left	20.66
					Inner_1RB_Right	20.74
					Inner_Full	20.49
	836.5	167300			Inner_1RB_Left	20.57
					Inner_1RB_Right	20.56
					Inner_Full	20.47
	839	167800			Inner_1RB_Left	20.84
					Inner_1RB_Right	20.53
					Inner_Full	20.47
DFT-256QA M	834	166800	20	15kHz	Inner_1RB_Left	19.18
					Inner_1RB_Right	18.58
					Inner_Full	20.62
	836.5	167300			Inner_1RB_Left	19.17
					Inner_1RB_Right	18.64
					Inner_Full	20.73
	839	167800			Inner_1RB_Left	19.14
					Inner_1RB_Right	18.62
					Inner_Full	19.94

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	834	166800	20	15kHz	Inner_1RB_Left	21.08
					Inner_1RB_Right	21.21
					Inner_Full	21.08
	836.5	167300			Inner_1RB_Left	19.46
					Inner_1RB_Right	21.18
					Inner_Full	16.92
	839	167800			Inner_1RB_Left	21.04
					Inner_1RB_Right	21.22
					Inner_Full	21.01
CP-16QAM	834	166800	20	15kHz	Inner_1RB_Left	20.41
					Inner_1RB_Right	20.86
					Inner_Full	20.74
	836.5	167300			Inner_1RB_Left	20.63
					Inner_1RB_Right	20.89
					Inner_Full	20.74
	839	167800			Inner_1RB_Left	21.18
					Inner_1RB_Right	20.87
					Inner_Full	20.69
CP-64QAM	834	166800	20	15kHz	Inner_1RB_Left	19.05
					Inner_1RB_Right	19.36
					Inner_Full	19.47
	836.5	167300			Inner_1RB_Left	19.25
					Inner_1RB_Right	18.99
					Inner_Full	19.48
	839	167800			Inner_1RB_Left	19.83
					Inner_1RB_Right	19.26
					Inner_Full	19.43
CP-256QAM	834	166800	20	15kHz	Inner_1RB_Left	17.22
					Inner_1RB_Right	16.62
					Inner_Full	19.36
	836.5	167300			Inner_1RB_Left	17.27
					Inner_1RB_Right	16.65
					Inner_Full	19.36
	839	167800			Inner_1RB_Left	17.12
					Inner_1RB_Right	16.62
					Inner_Full	19.34

Test on the worst case:

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	876.5	175300	15	15kHz	Inner_1RB_Left	22.25
					Inner_1RB_Right	22.69
					Inner_Full	22.89
	836.5	167300			Inner_1RB_Left	23.18
					Inner_1RB_Right	22.82
					Inner_Full	23.11
	841.5	168300			Inner_1RB_Left	22.96
					Inner_1RB_Right	22.88
					Inner_Full	22.96

2 Occupied Bandwidth

Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of 99% Power (MHz)									
					DFT-PI2BPSK		DFT-QPSK		DFT-16QAM		DFT-64QAM		DFT-256QAM	
N5	Mid	5	15	Outer_Full	4.45	Fig.1	4.47	Fig.2	4.48	Fig.3	4.48	Fig.4	4.47	Fig.5
	Mid	10		Outer_Full	8.94	Fig.10	8.94	Fig.11	8.94	Fig.12	8.94	Fig.13	8.94	Fig.14
	Mid	15		Outer_Full	13.41	Fig.19	13.41	Fig.20	13.41	Fig.21	13.44	Fig.22	13.44	Fig.23
	Mid	20		Outer_Full	17.84	Fig.28	17.84	Fig.29	17.84	Fig.30	17.88	Fig.31	17.88	Fig.32
Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of 99% Power (MHz)									
					CP-QPSK		CP-16QAM		CP-64QAM		CP-256QAM		--	
N5	Mid	5	15	Outer_Full	4.46	Fig.6	4.47	Fig.7	4.47	Fig.8	4.46	Fig.9	--	--
	Mid	10		Outer_Full	9.30	Fig.15	9.28	Fig.16	9.28	Fig.17	9.30	Fig.18	--	--
	Mid	15		Outer_Full	14.13	Fig.24	14.13	Fig.25	14.13	Fig.26	14.13	Fig.27	--	--
	Mid	20		Outer_Full	18.92	Fig.33	18.96	Fig.34	18.92	Fig.35	18.96	Fig.36	--	--

Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of -26dB transmitter power (MHz)									
					DFT-PI2BPSK		DFT-QPSK		DFT-16QAM		DFT-64QAM		DFT-256QAM	
N5	Mid	5	15	Outer_Full	4.79	Fig.1	4.80	Fig.2	4.88	Fig.3	4.83	Fig.4	4.86	Fig.5
	Mid	10		Outer_Full	9.44	Fig.10	9.48	Fig.11	9.42	Fig.12	9.50	Fig.13	9.42	Fig.14
	Mid	15		Outer_Full	14.13	Fig.19	14.13	Fig.20	14.16	Fig.21	14.19	Fig.22	14.07	Fig.23
	Mid	20		Outer_Full	18.68	Fig.28	18.64	Fig.29	18.64	Fig.30	18.64	Fig.31	18.60	Fig.32
Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of -26dB transmitter power (MHz)									
					CP-QPSK		CP-16QAM		CP-64QAM		CP-256QAM		--	
N5	Mid	5	15	Outer_Full	4.81	Fig.6	4.82	Fig.7	4.84	Fig.8	4.83	Fig.9	--	--
	Mid	10		Outer_Full	9.82	Fig.15	9.78	Fig.16	9.78	Fig.17	9.86	Fig.18	--	--
	Mid	15		Outer_Full	14.91	Fig.24	14.82	Fig.25	14.88	Fig.26	14.85	Fig.27	--	--
	Mid	20		Outer_Full	19.72	Fig.33	19.72	Fig.34	19.68	Fig.35	19.68	Fig.36	--	--

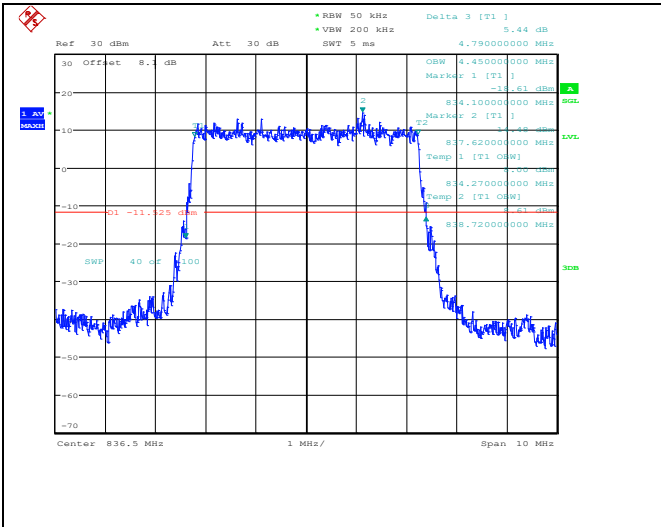


Fig.1

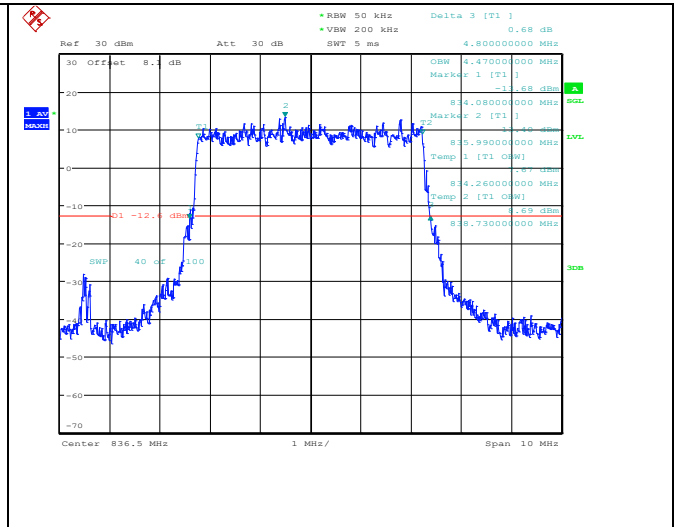


Fig.2

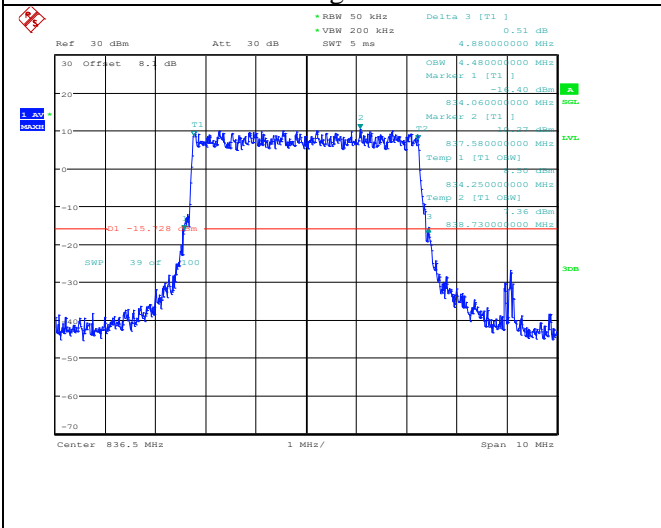


Fig.3

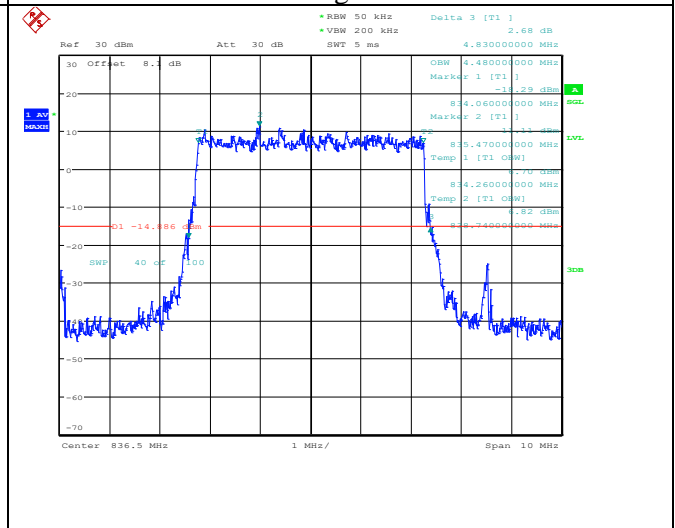


Fig.4

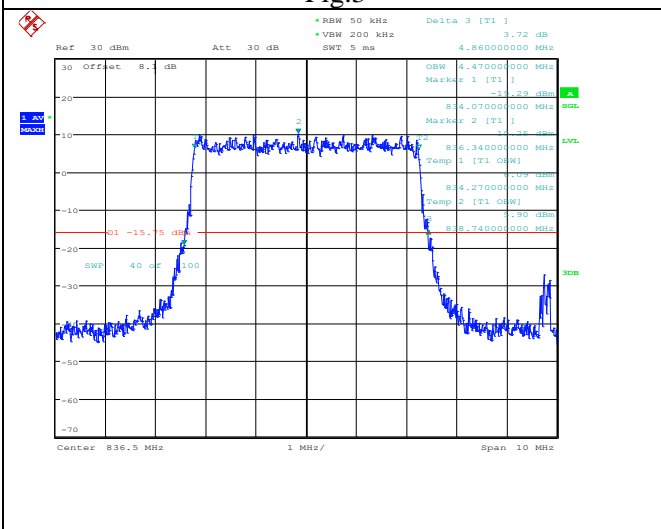


Fig.5

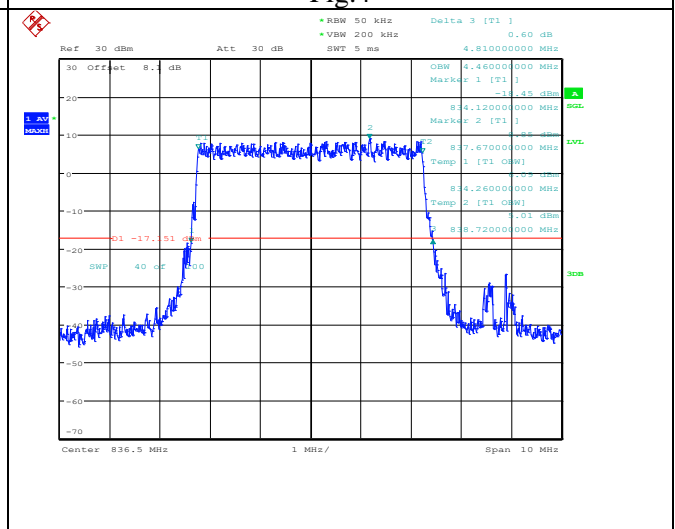


Fig.6

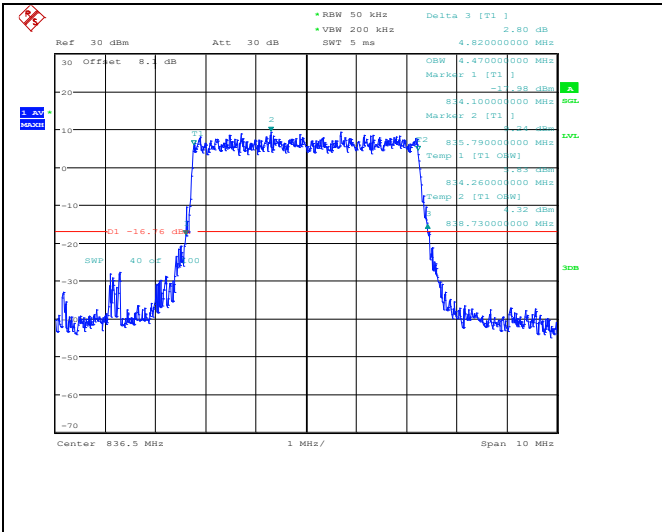


Fig.7

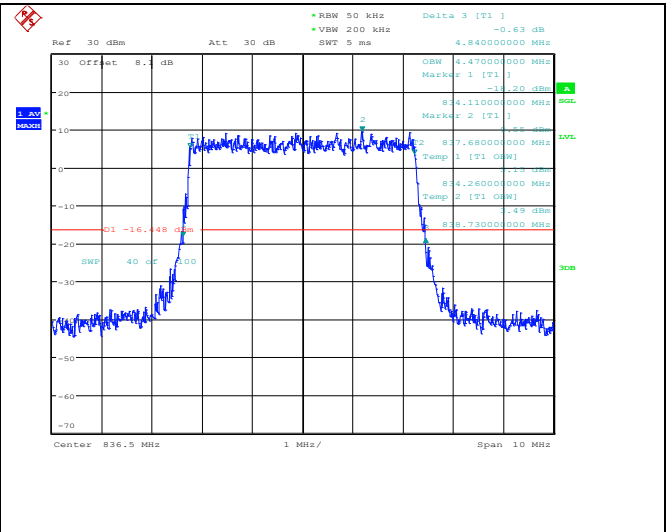


Fig.8

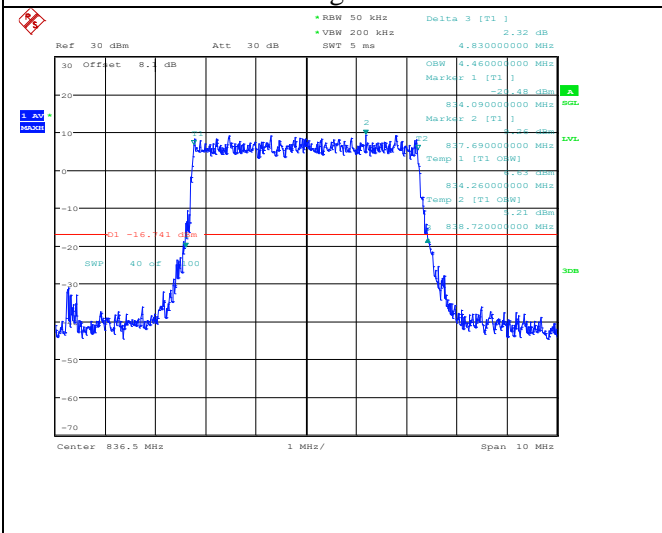


Fig.9

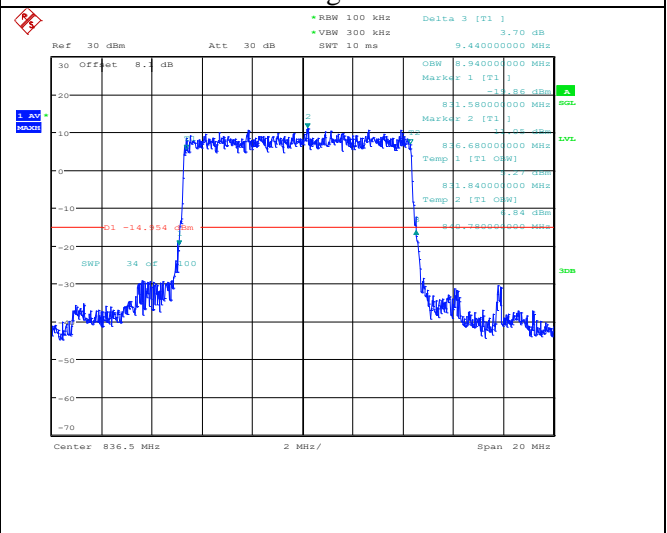


Fig.10

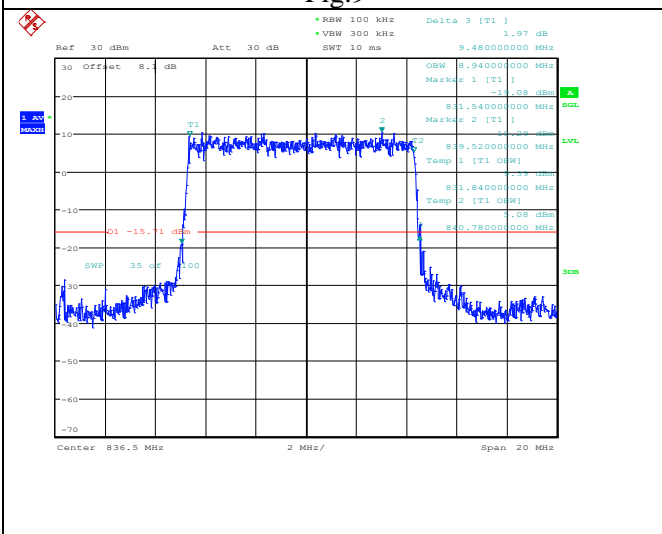


Fig.11

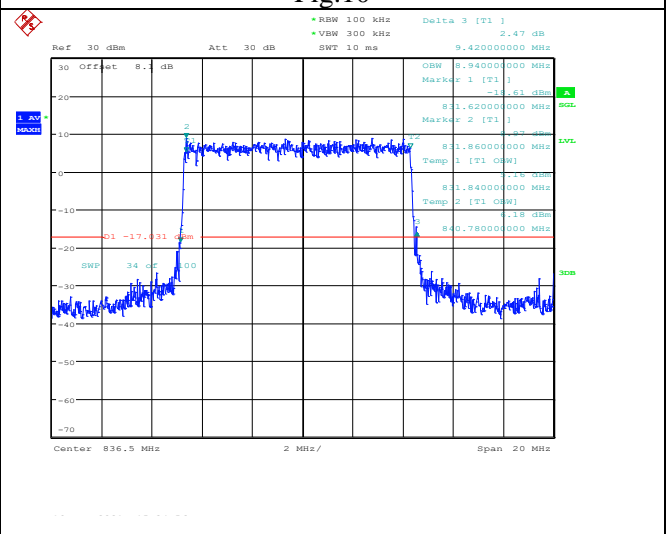


Fig.12

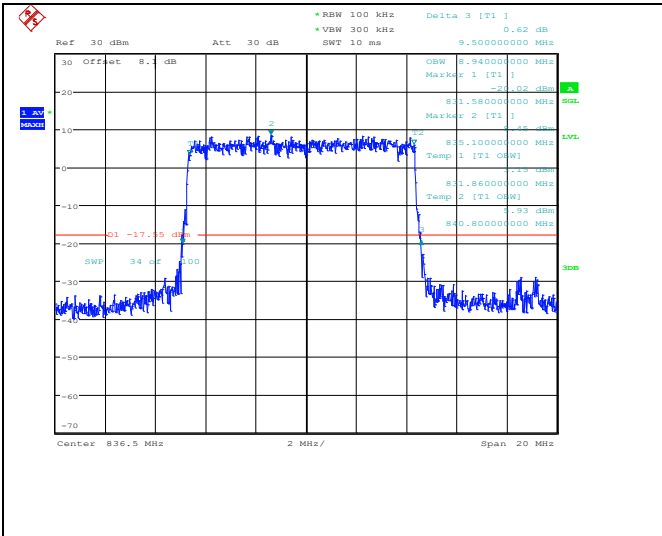


Fig.13

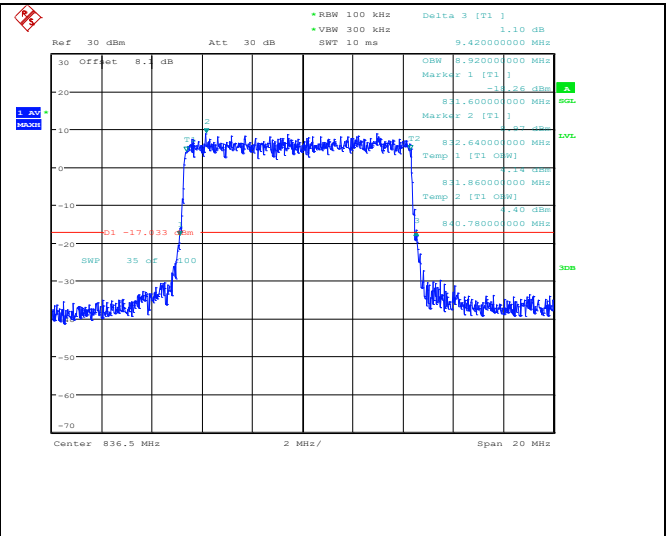


Fig.14

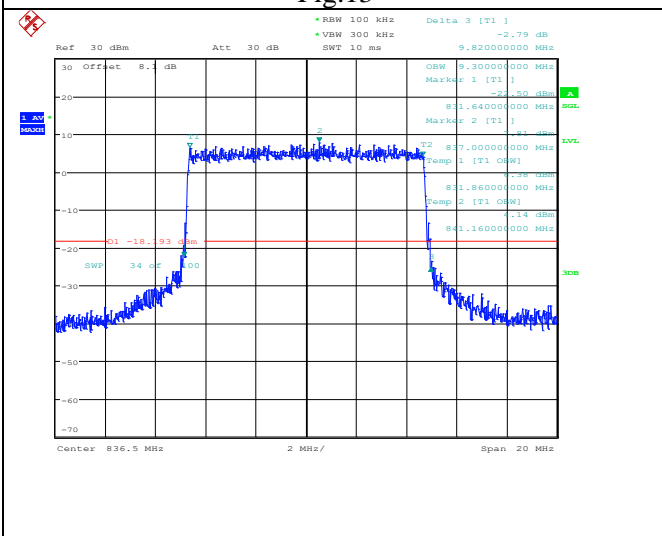


Fig.15

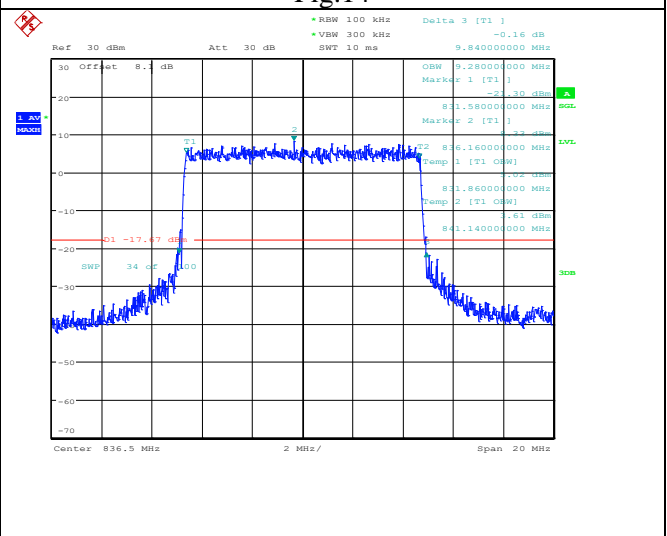


Fig.16

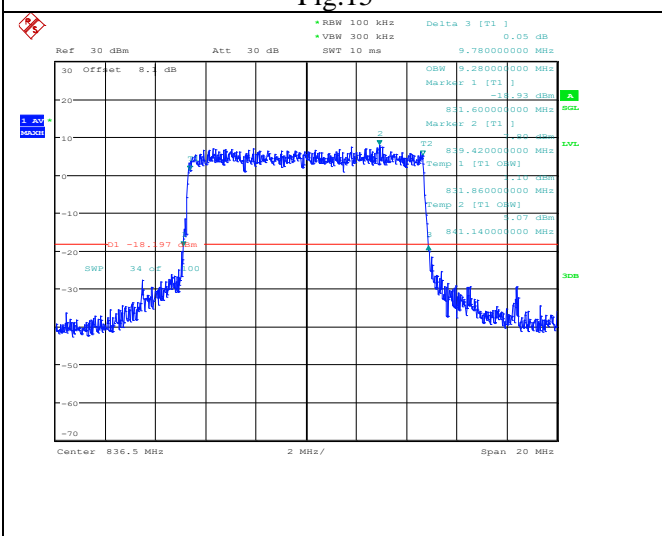


Fig.17

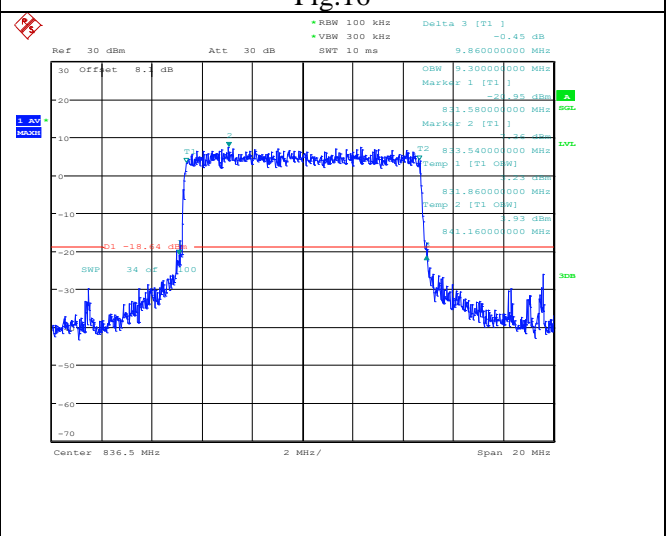


Fig.18

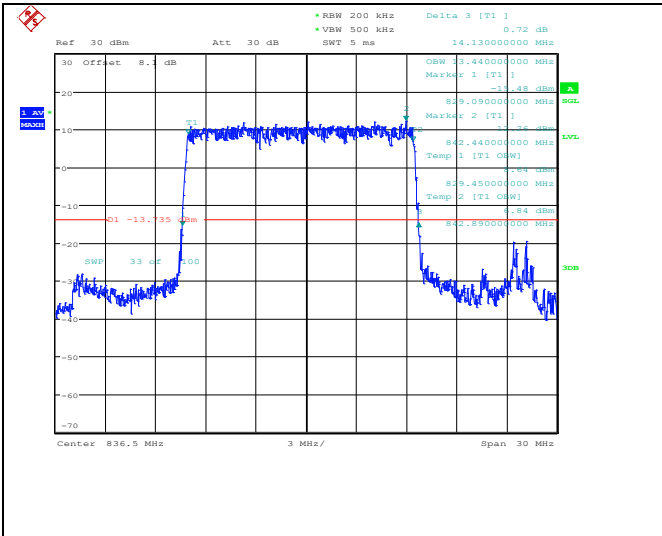


Fig.19

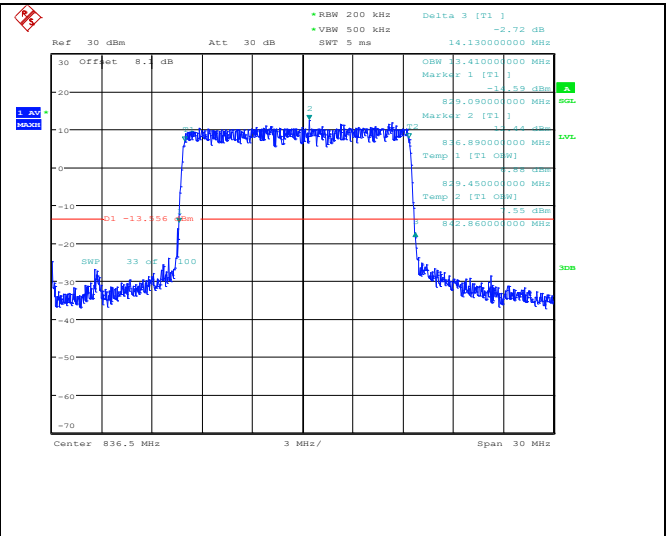


Fig.20

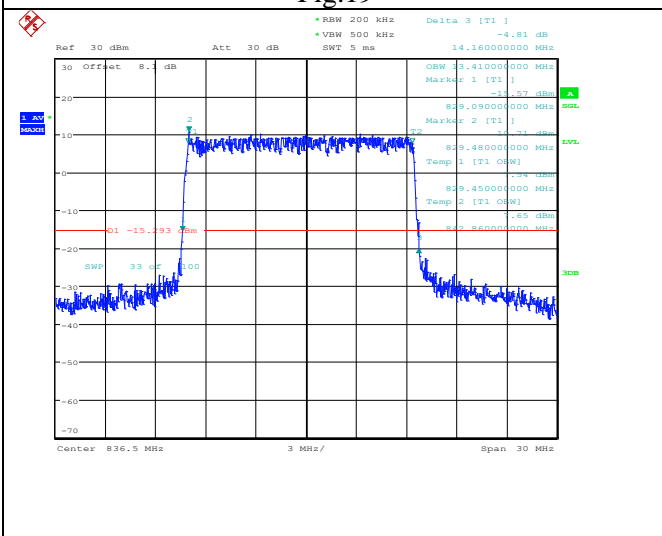


Fig.21

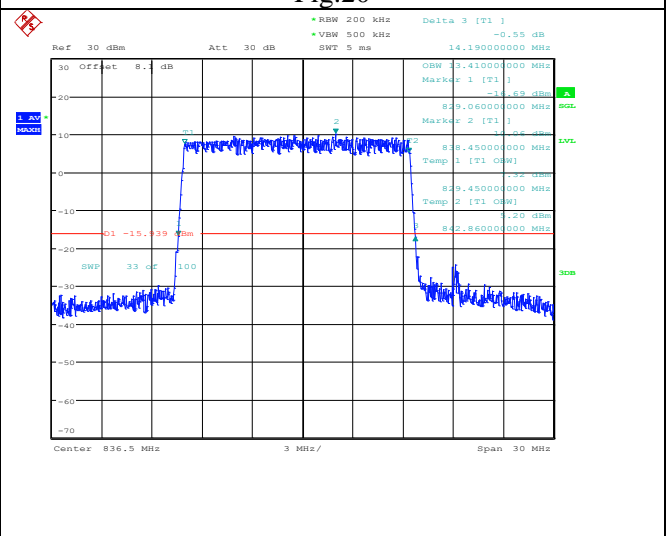


Fig.22

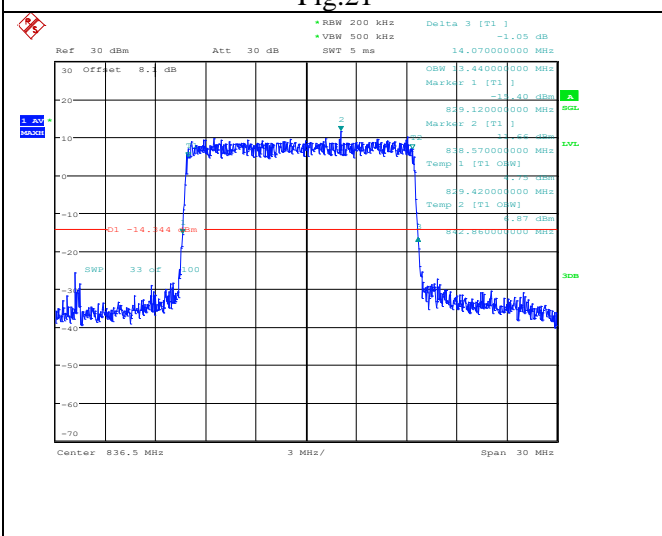


Fig.23

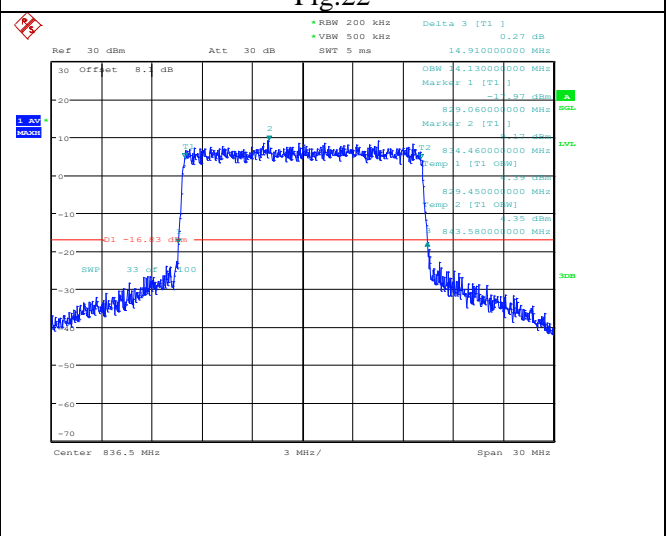


Fig.24

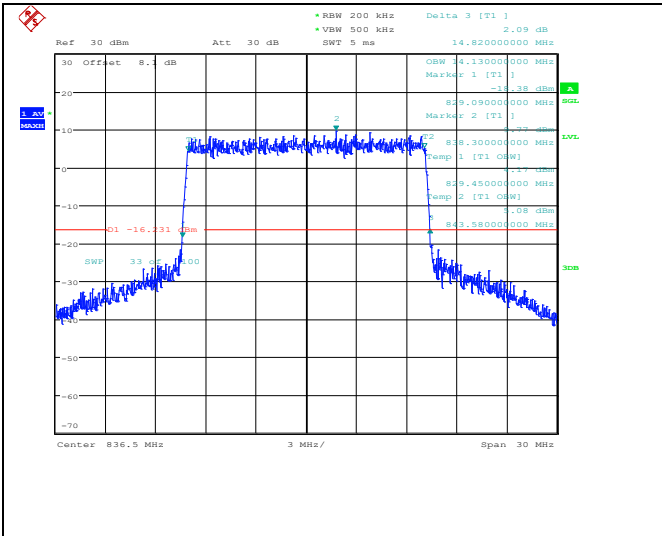


Fig.25

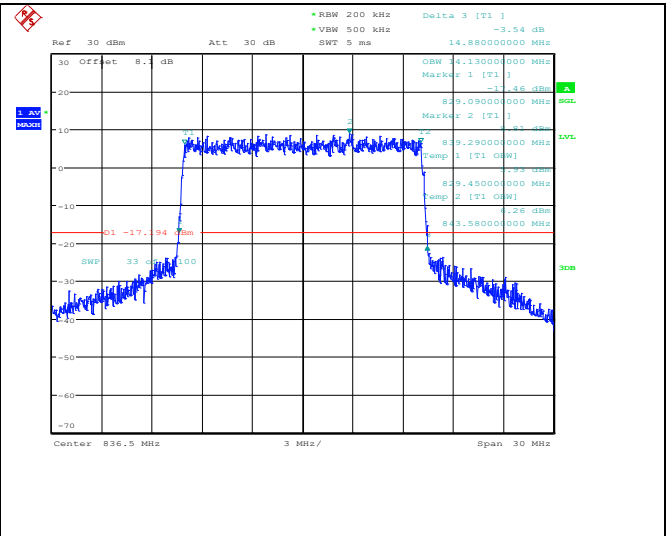


Fig.26

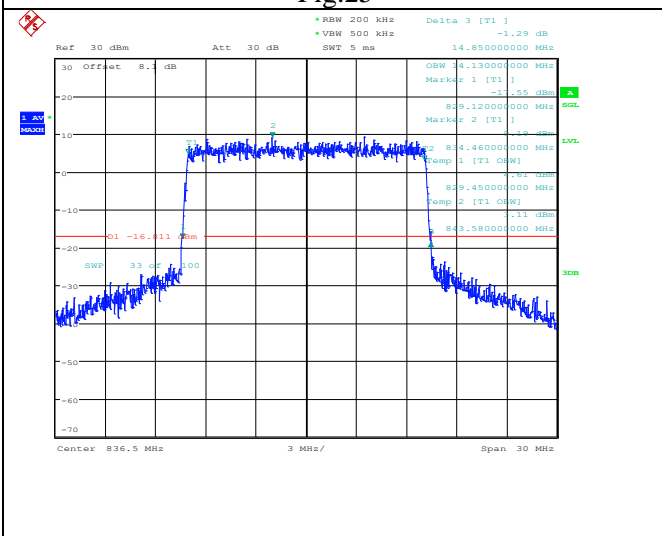


Fig.27

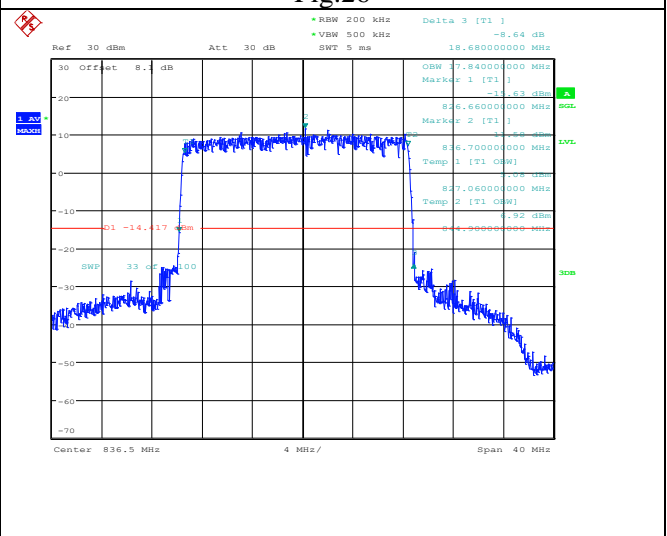


Fig.28

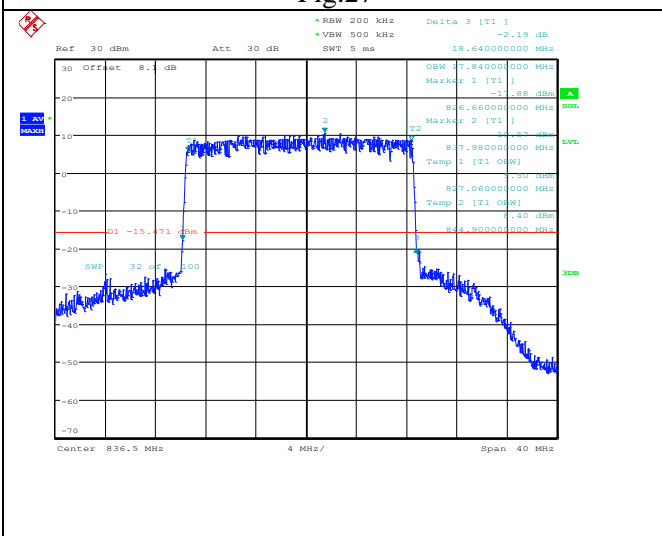


Fig.29

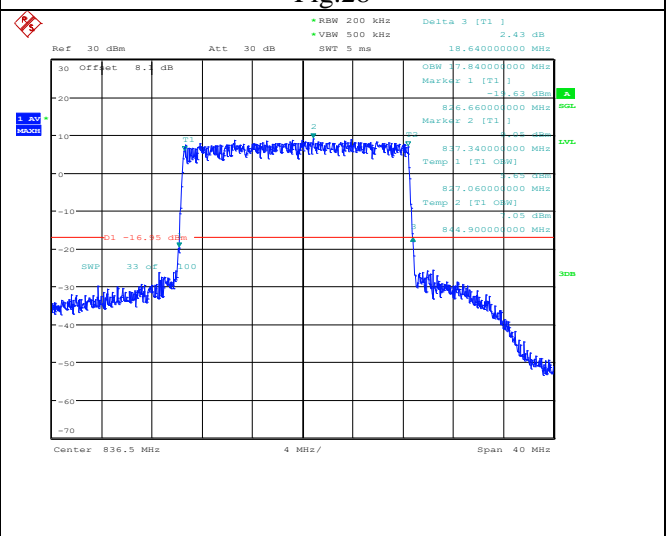


Fig.30

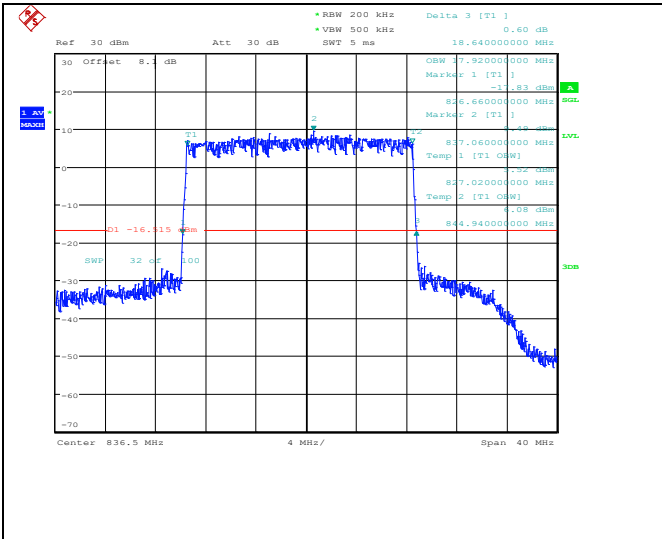


Fig.31

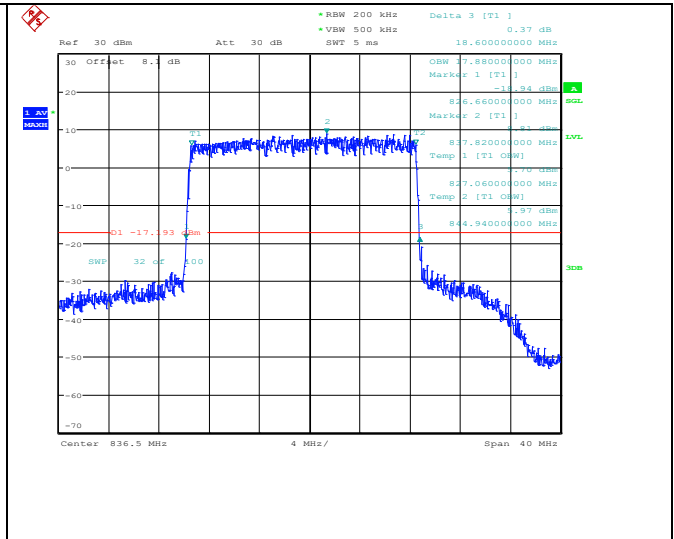


Fig.32

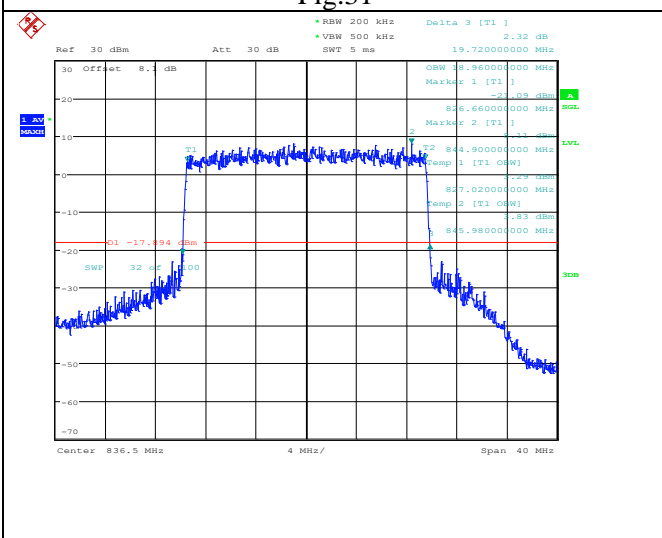


Fig.33

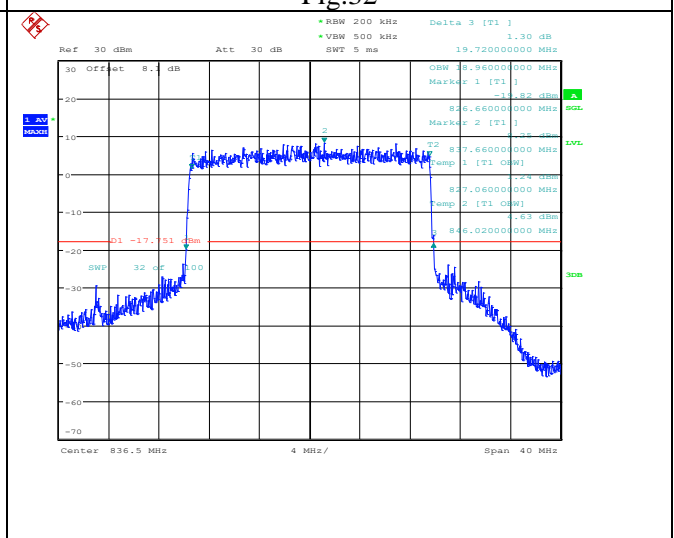


Fig.34

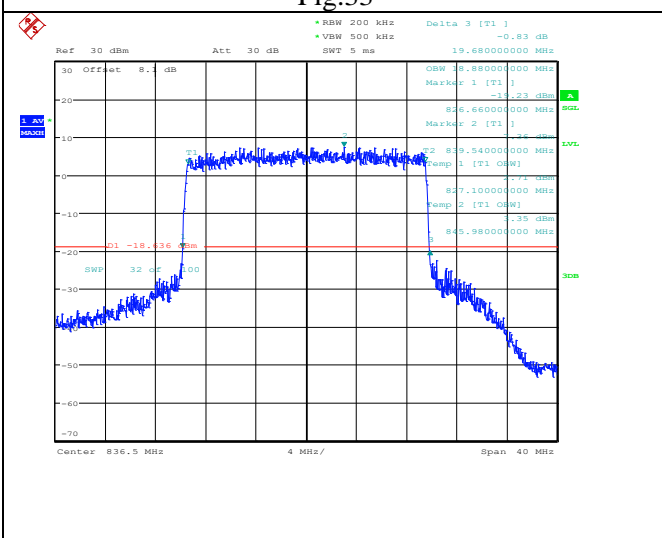


Fig.35

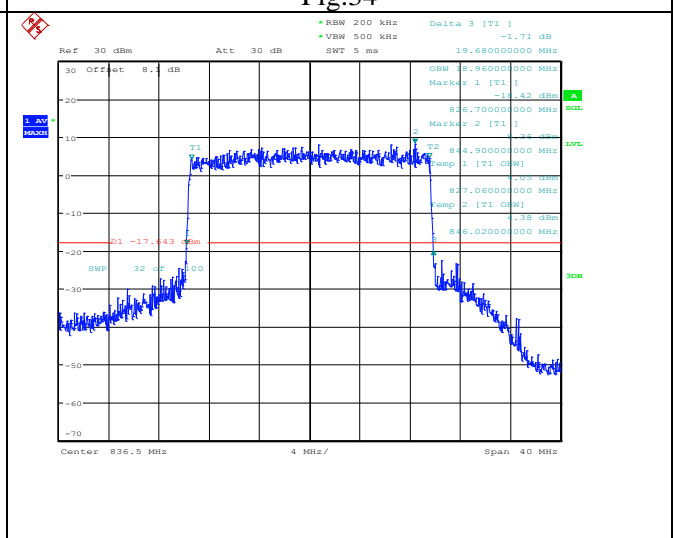


Fig.36

3 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	SCS	RB Config	DFT-PI2BPSK	CP-QPSK
N5	836.5	167300	20	15kHz	Outer_Full	Fig.1	Fig.2

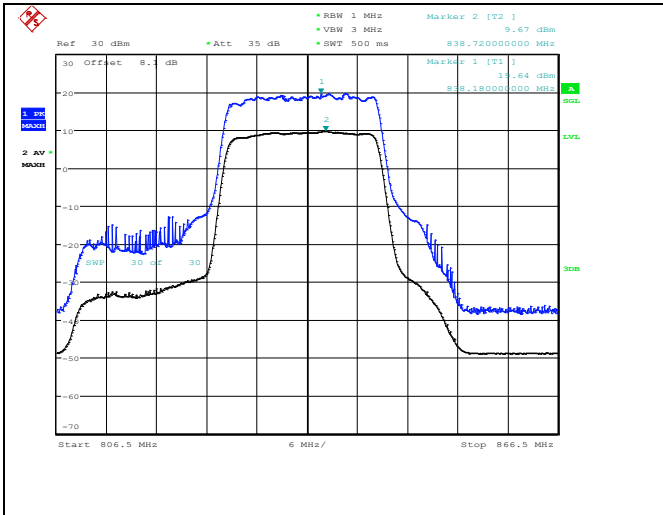


Fig.1

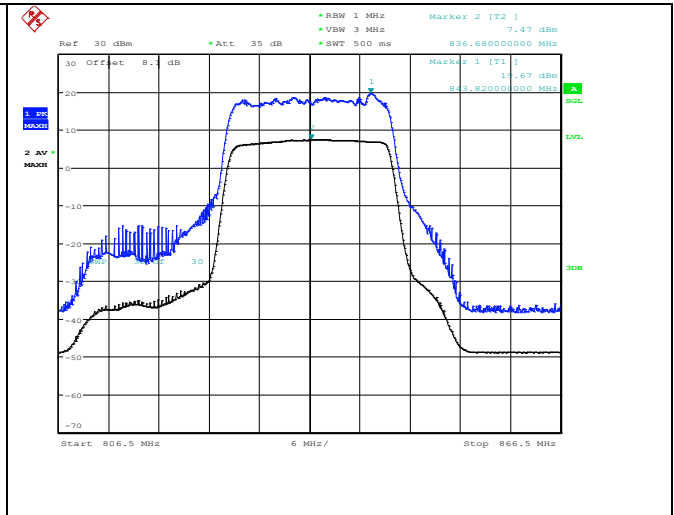


Fig.2

4 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	SCS	RB Size	RB Offset	Conducted Spurious Plot
							DFT-PI2BPS K
N5	834	166800	20	15kHz	1	0	Fig.1
	836.5	167300			1	0	Fig.2
	839	167800			1	0	Fig.3

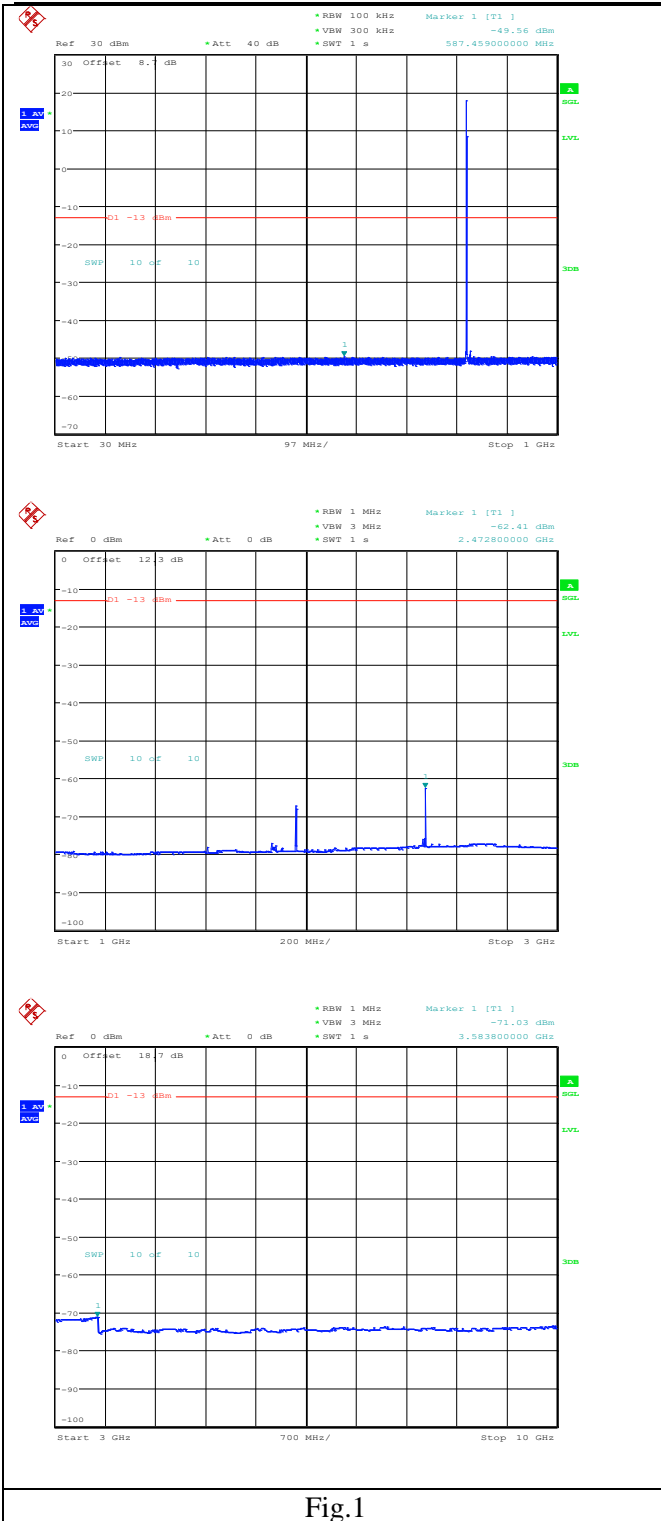


Fig.1

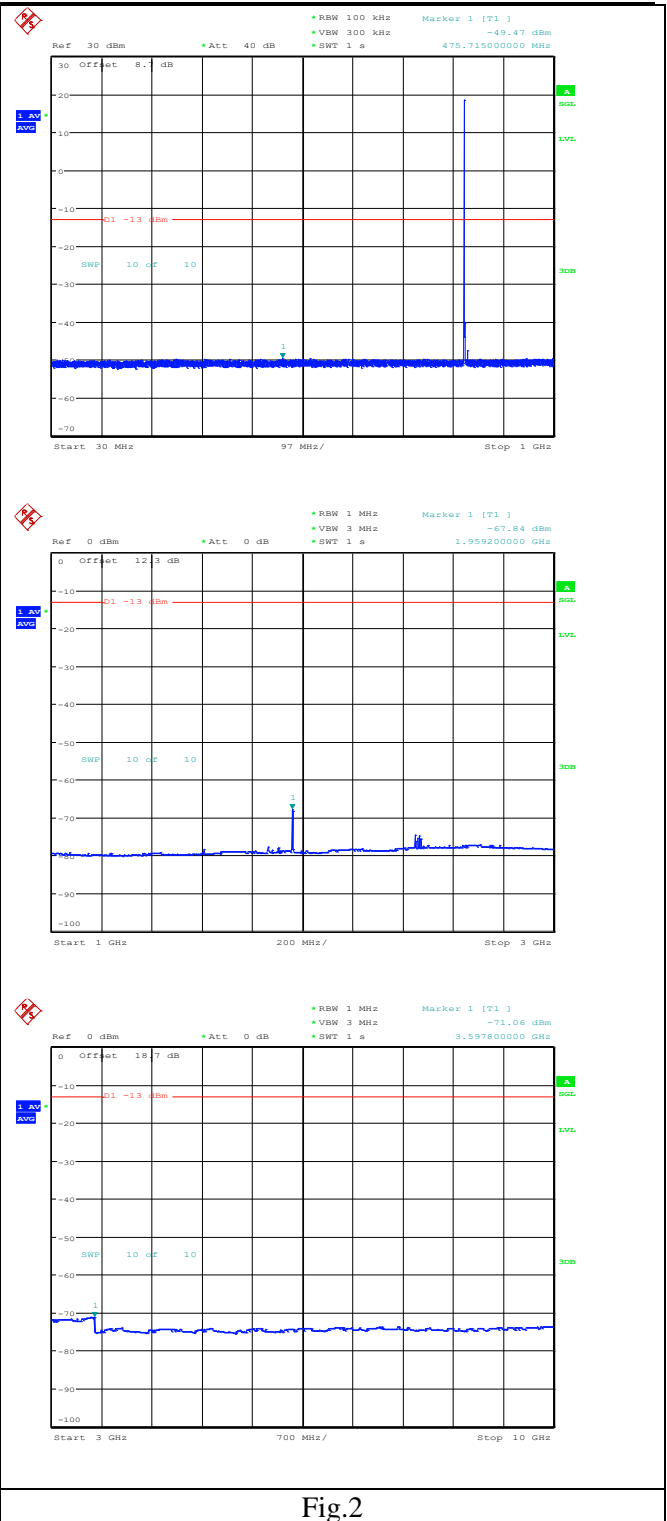


Fig.2

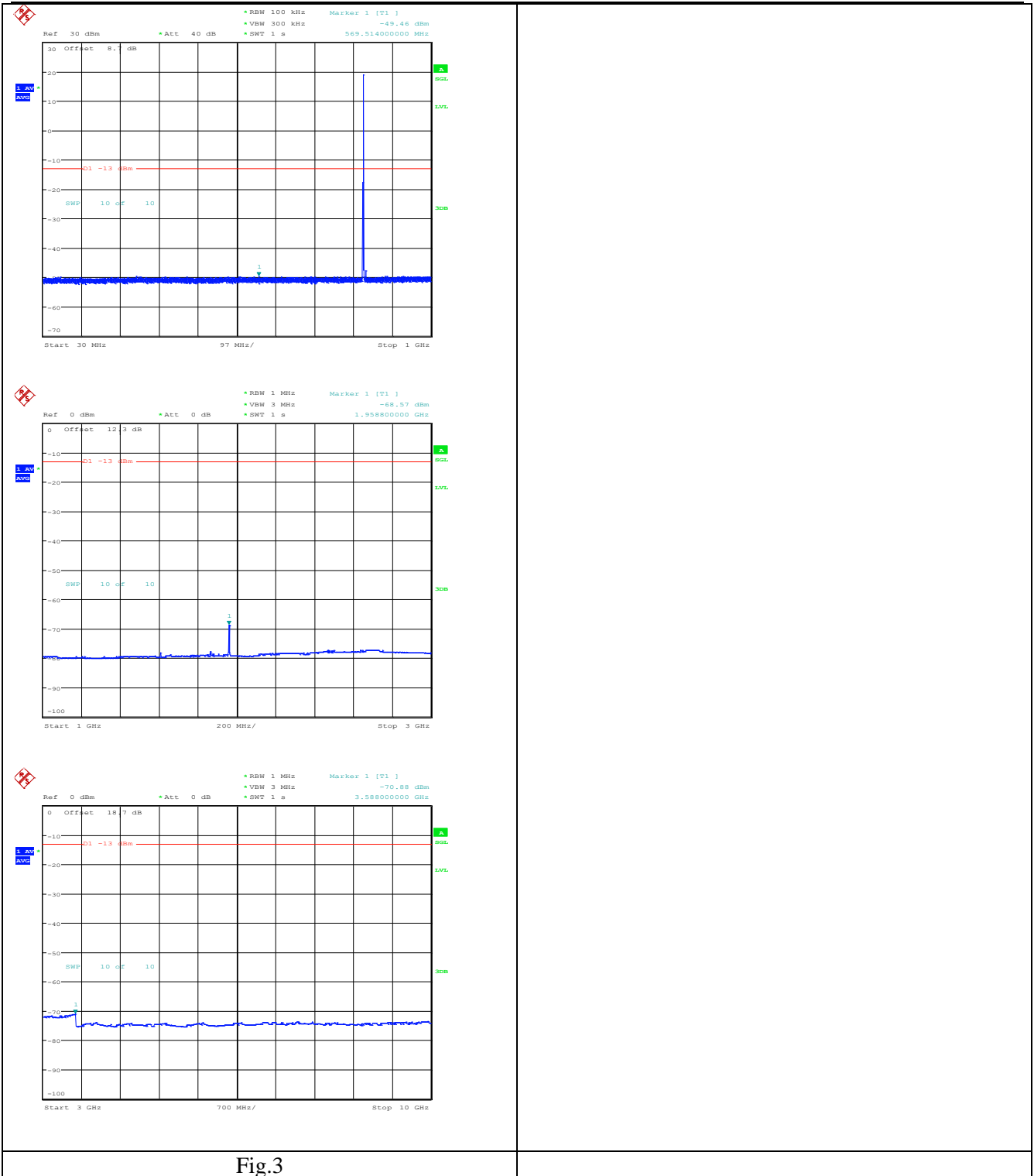


Fig.3

5 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	SCS	RB Config	Band Edges Plot	
						DFT-PI2BPSK	CP-QPSK
N5	826.5	165300	5	15kHz	1RB_Left	Fig.1	Fig.5
					Outer_Full	Fig.2	Fig.6
	846.5	169300			1RB_Right	Fig.3	Fig.7
					Outer_Full	Fig.4	Fig.8
	829	165800	10		1RB_Left	Fig.9	Fig.13
					Outer_Full	Fig.10	Fig.14
	844	168800			1RB_Right	Fig.11	Fig.15
					Outer_Full	Fig.12	Fig.16
	831.5	166300	15		1RB_Left	Fig.17	Fig.21
					Outer_Full	Fig.18	Fig.22
	841.5	168300			1RB_Right	Fig.19	Fig.23
					Outer_Full	Fig.20	Fig.24
	834	166800	20		1RB_Left	Fig.25	Fig.29
					Outer_Full	Fig.26	Fig.30
839	167800	1RB_Right		Fig.27	Fig.31		
		Outer_Full		Fig.28	Fig.32		

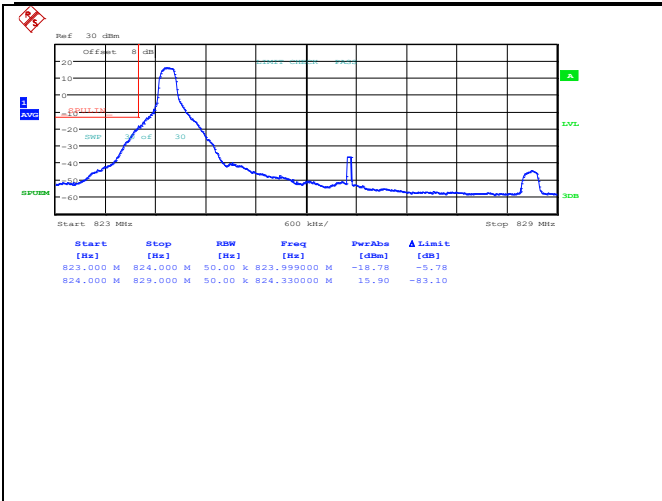


Fig.1

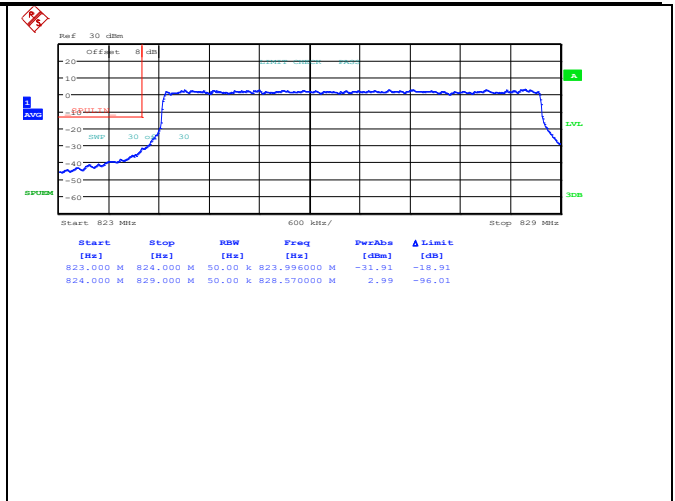


Fig.2

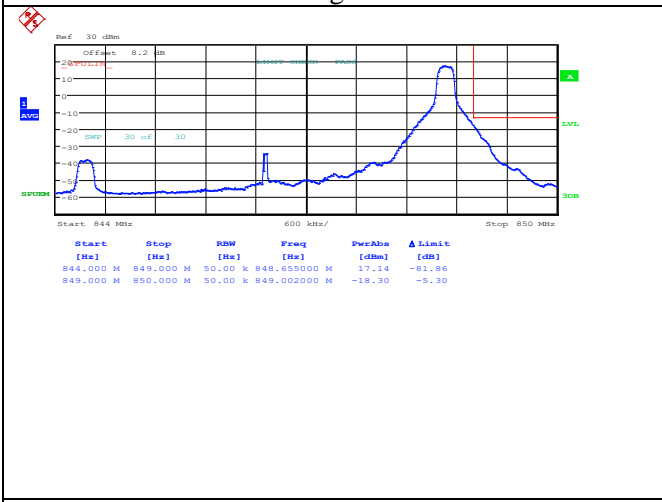


Fig.3

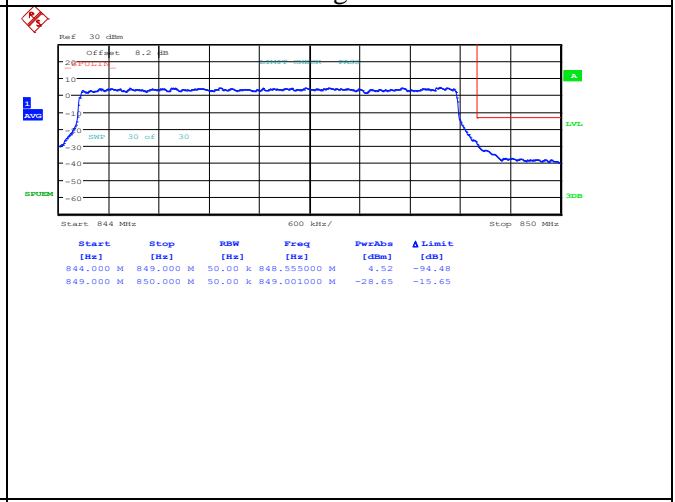


Fig.4

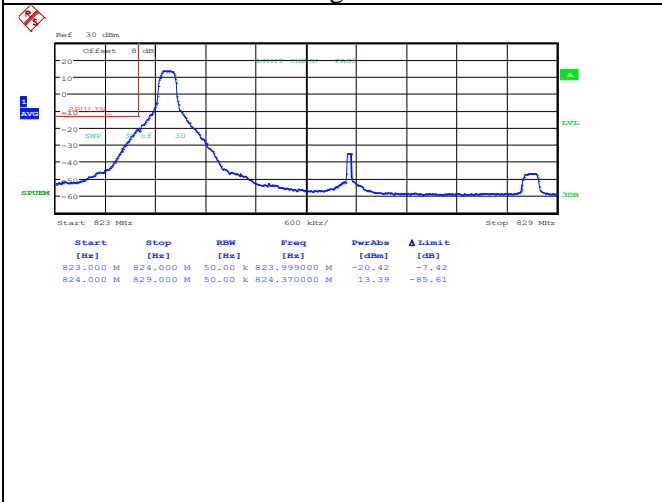


Fig.5

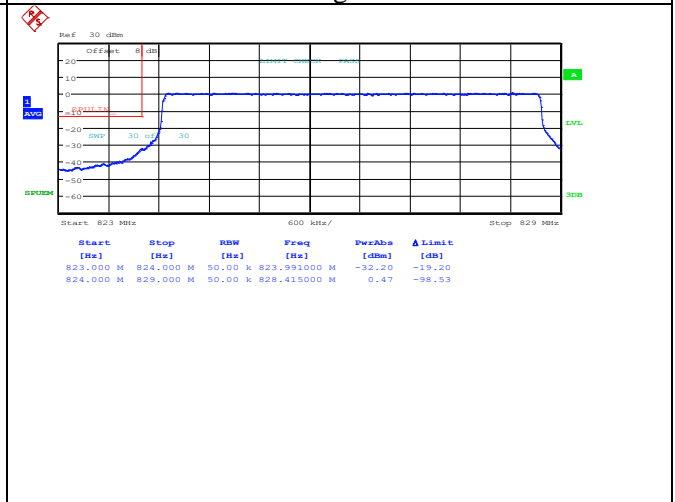


Fig.6

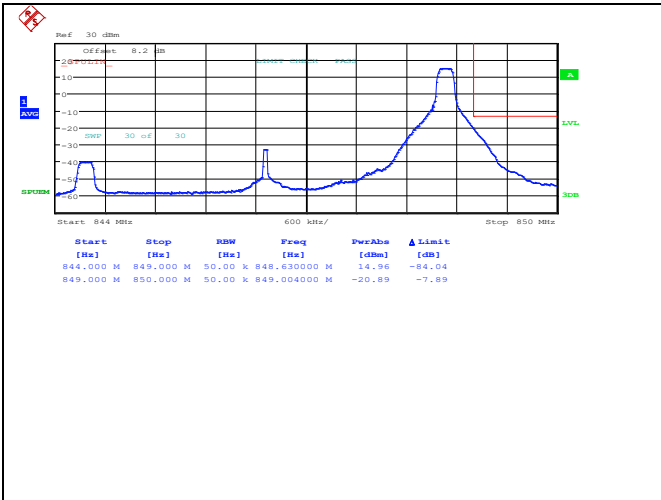


Fig.7

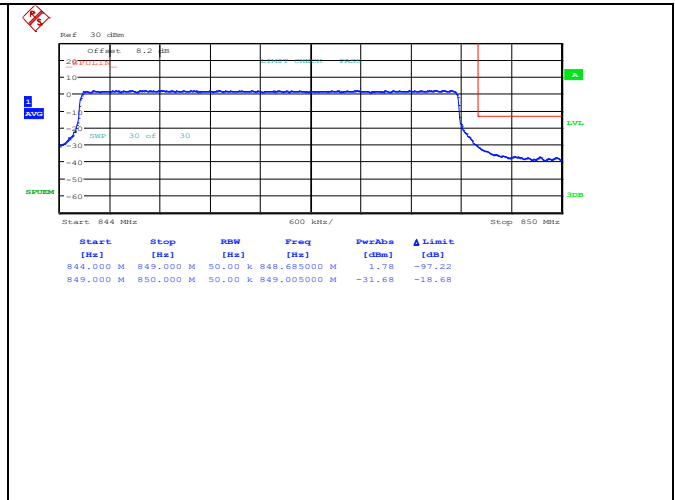


Fig.8

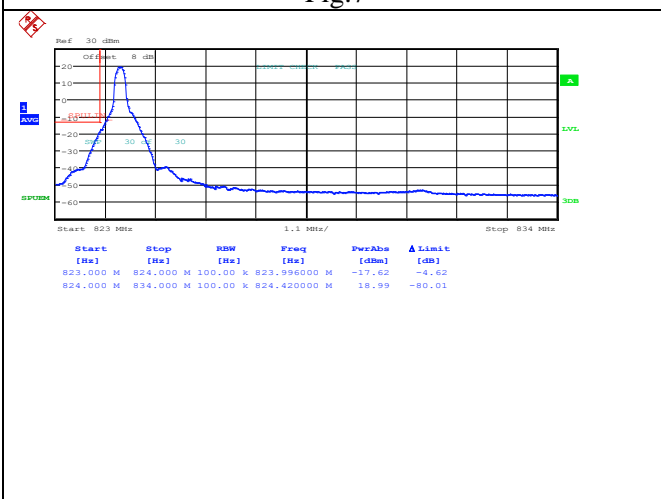


Fig.9

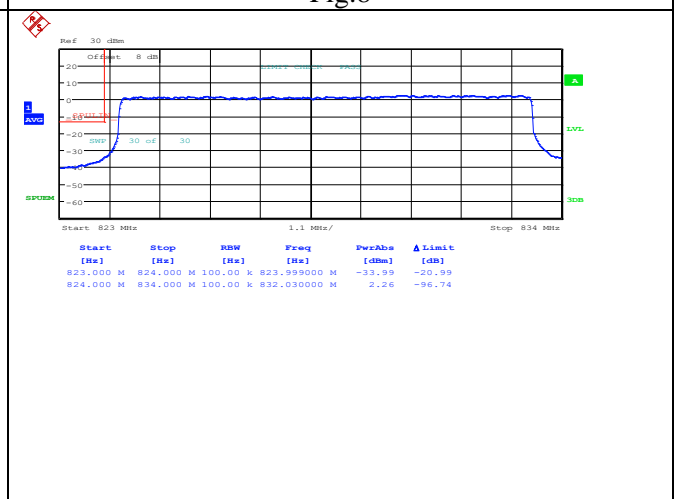


Fig.10

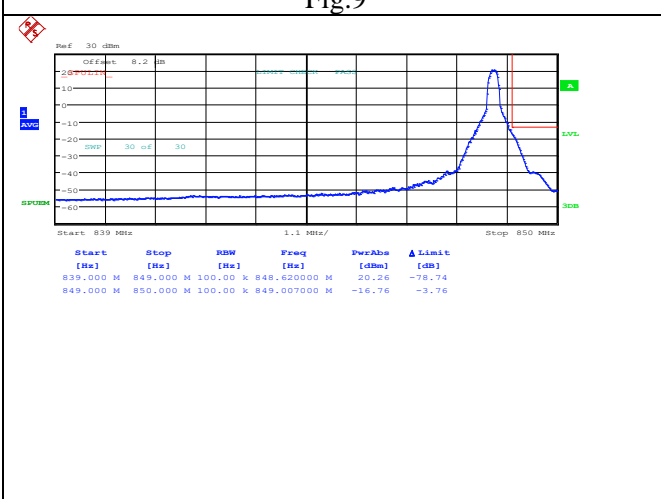


Fig.11

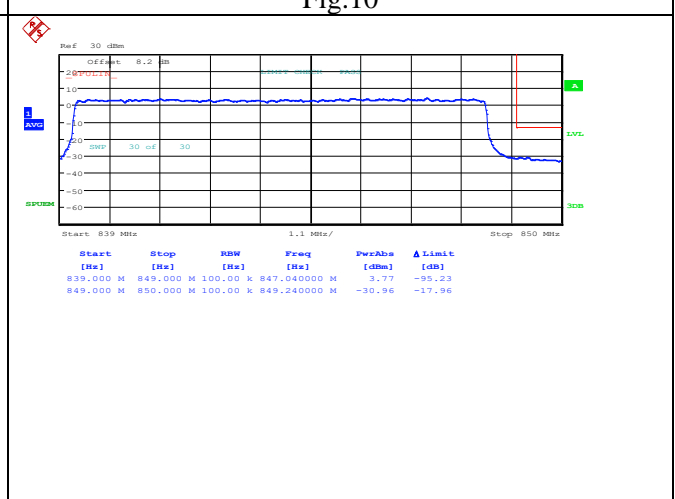


Fig.12

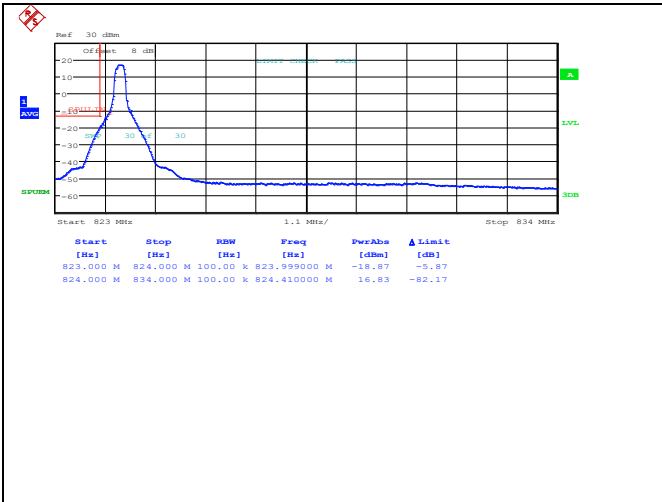


Fig.13

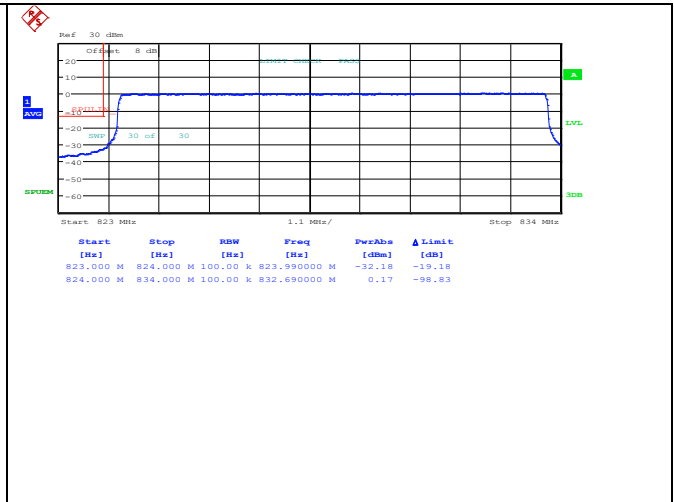


Fig.14

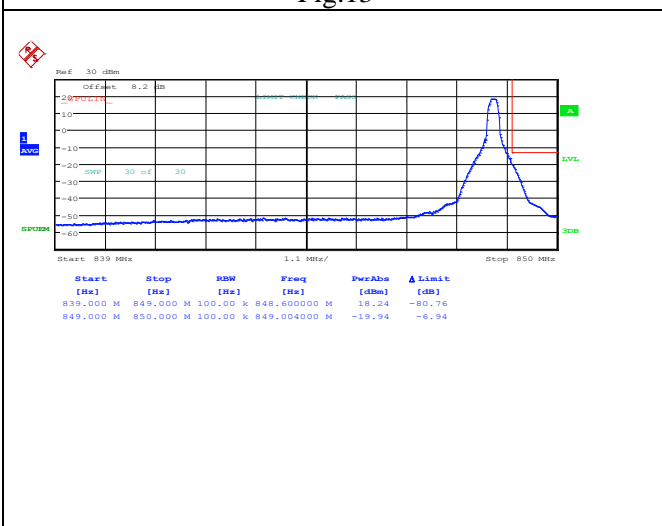


Fig.15

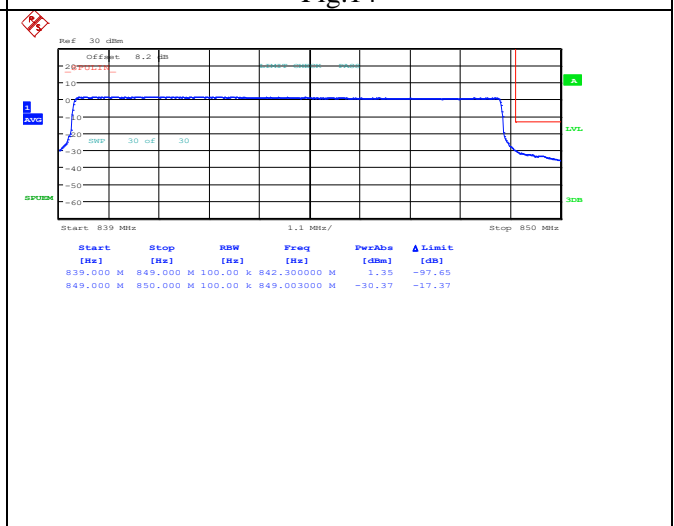


Fig.16

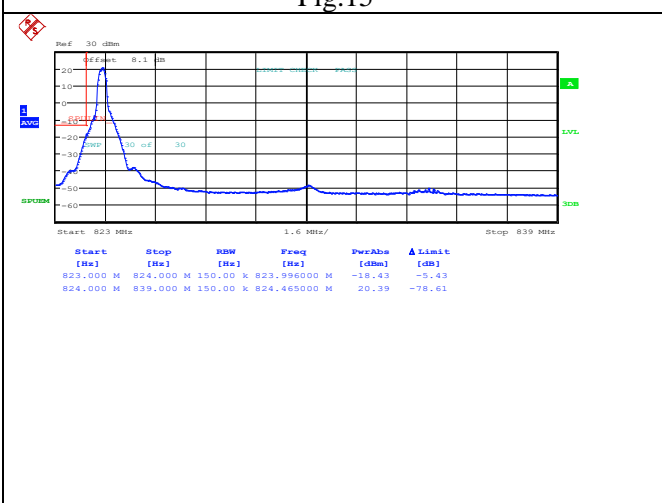


Fig.17

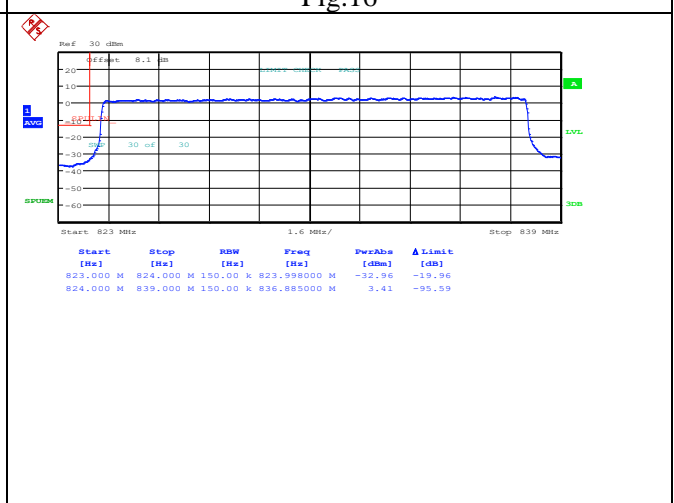


Fig.18

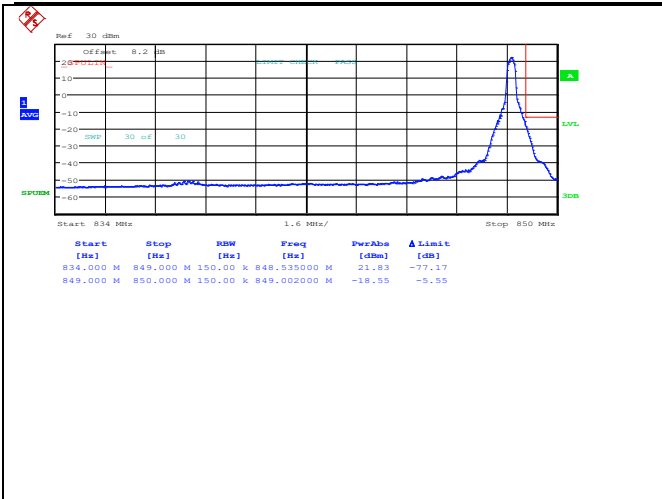


Fig.19

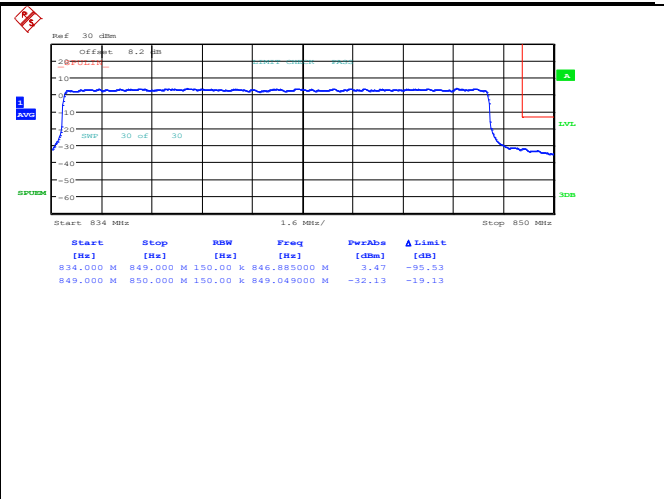


Fig.20

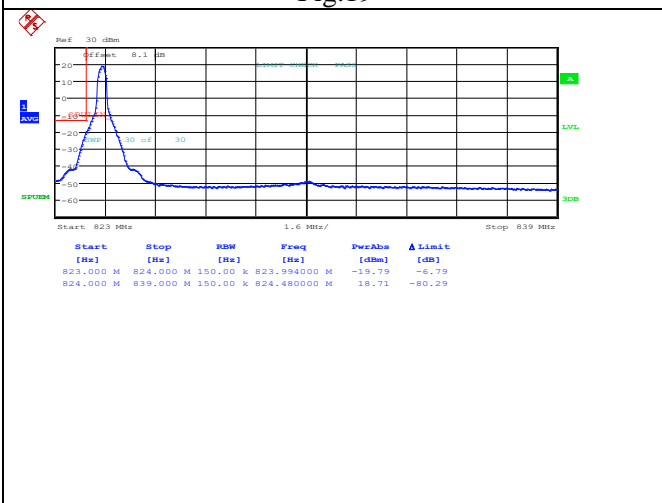


Fig.21

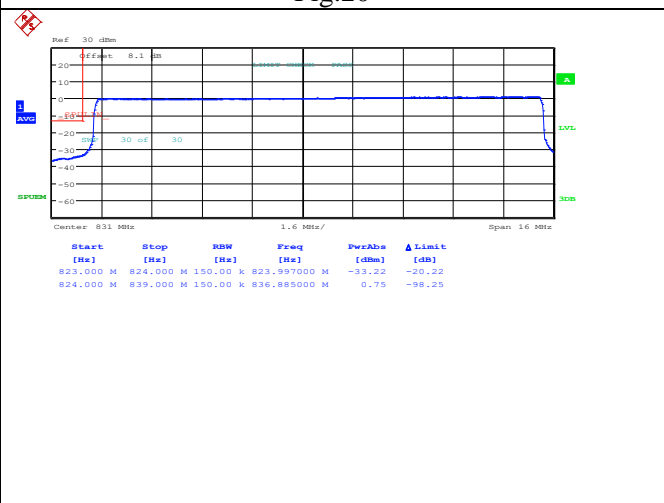


Fig.22

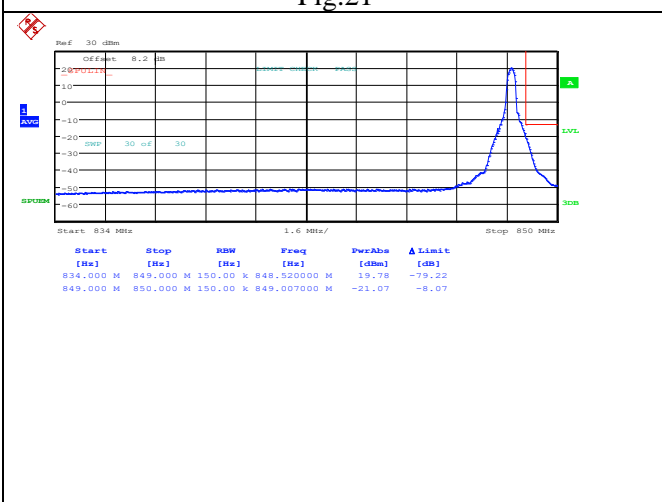


Fig.23

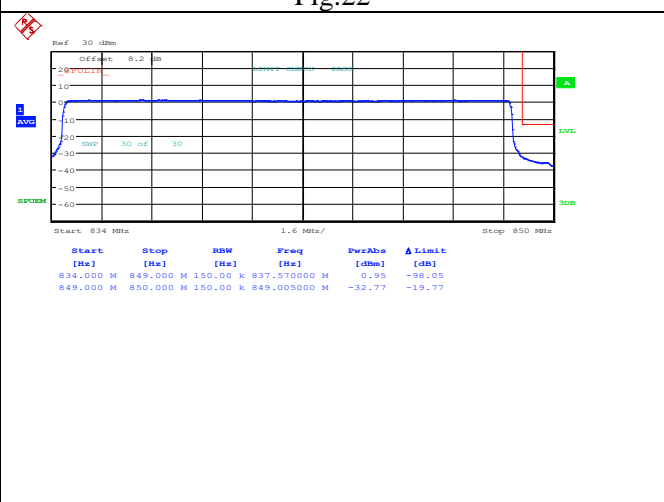


Fig.24

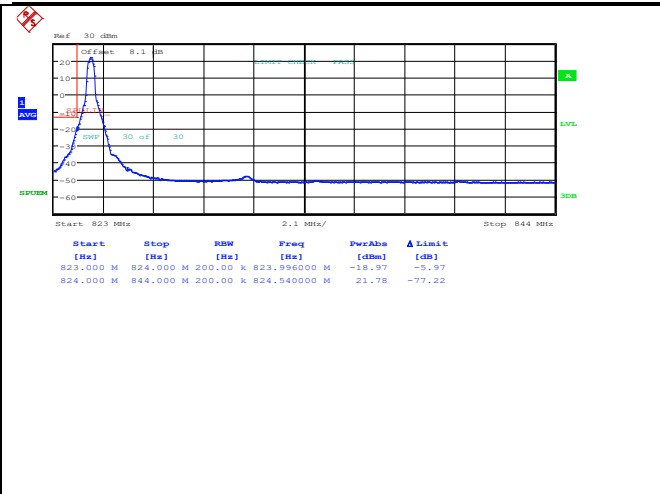


Fig.25

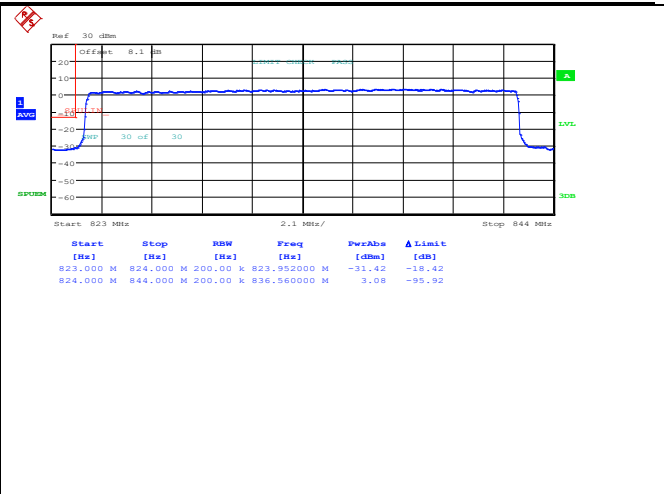


Fig.26

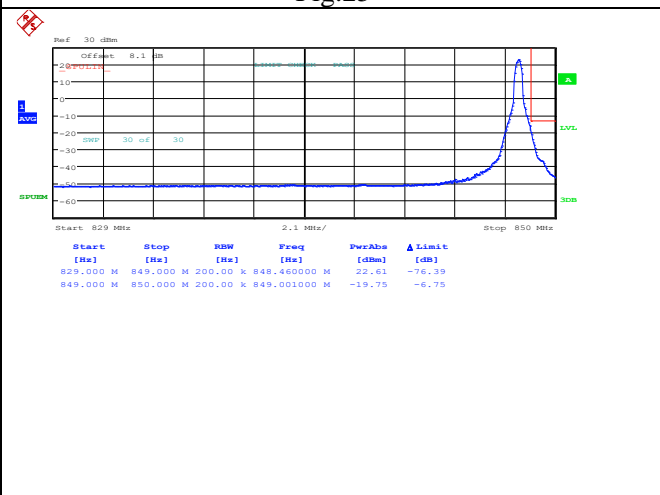


Fig.27

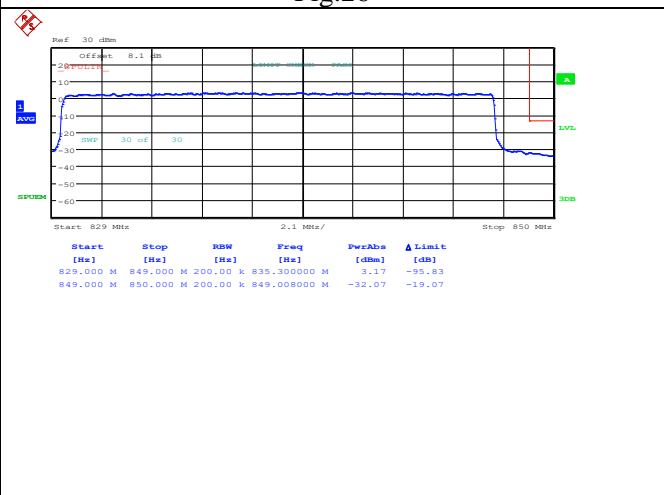


Fig.28

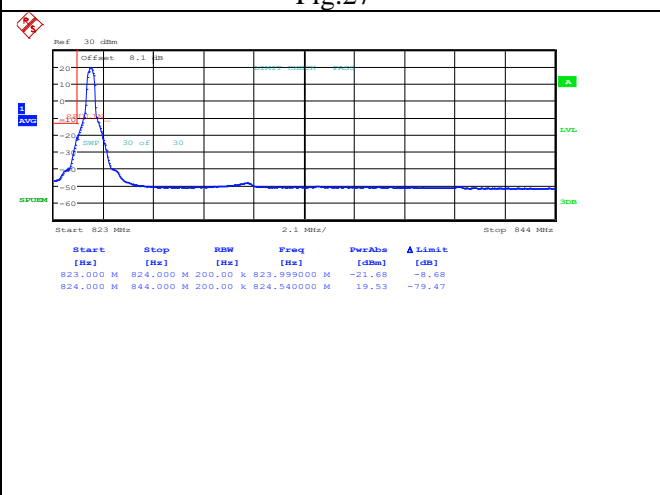


Fig.29

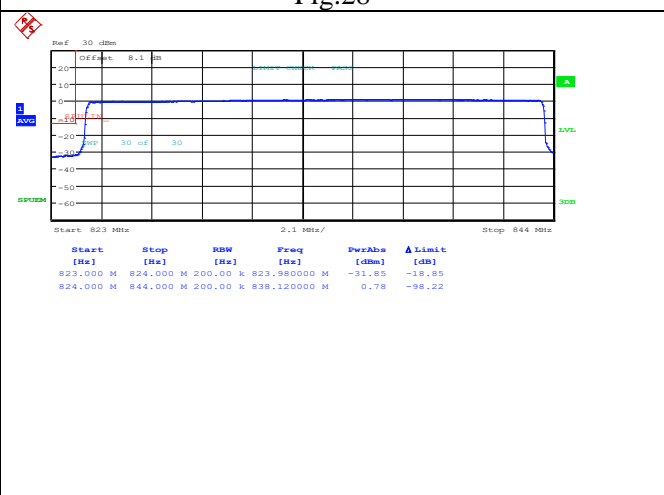


Fig.30

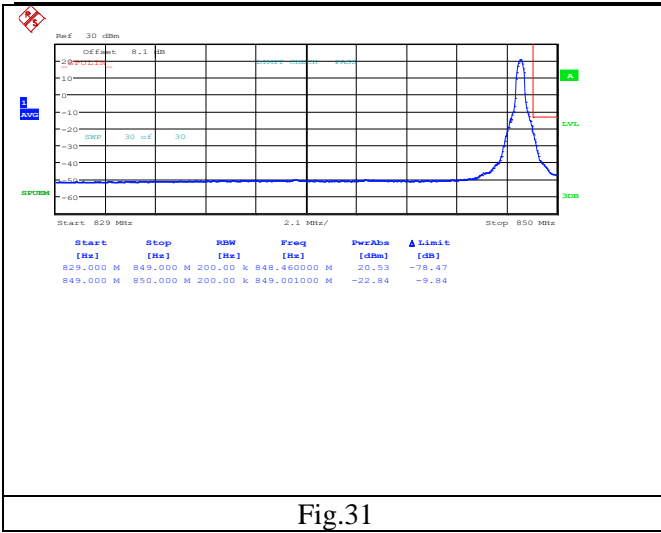


Fig.31

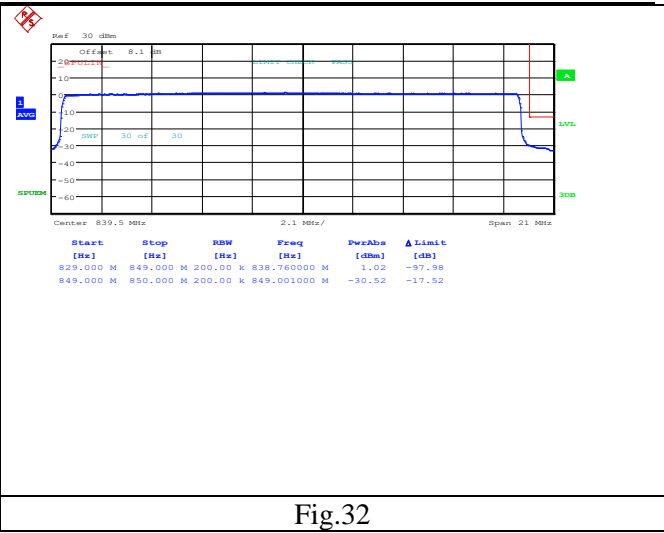


Fig.32

6 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) N5 Low Channel DFT-PI2BPSK			
		5M	10M	15M	20M
-30	NV	---	---	---	-0.01
-20	NV	---	---	---	0.00
-10	NV	---	---	---	0.00
0	NV	---	---	---	-0.01
+10	NV	---	---	---	-0.01
+20	NV	---	---	---	0.00
+30	NV	---	---	---	0.00
+40	NV	---	---	---	0.00
+50	NV	---	---	---	0.00
+20	LV	---	---	---	0.00
+20	HV	---	---	---	-0.01

Temperature(°C)	Voltage	Test Result (ppm) N5 High Channel DFT-PI2BPSK			
		5M	10M	15M	20M
-30	NV	---	---	---	0.03
-20	NV	---	---	---	0.03
-10	NV	---	---	---	0.00
0	NV	---	---	---	0.03
+10	NV	---	---	---	0.02
+20	NV	---	---	---	0.00
+30	NV	---	---	---	0.02
+40	NV	---	---	---	0.03
+50	NV	---	---	---	0.00
+20	LV	---	---	---	-0.01
+20	HV	---	---	---	0.03

7 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	826.5	165300	5	15kHz	Inner_1RB_Left	22.36	16.71	0.047
					Inner_1RB_Right	22.82	17.17	0.052
					Inner_Full	22.37	16.72	0.047
	836.5	167300			Inner_1RB_Left	22.99	17.34	0.054
					Inner_1RB_Right	22.97	17.32	0.054
					Inner_Full	22.93	17.28	0.053
	846.5	169300			Inner_1RB_Left	22.94	17.29	0.054
					Inner_1RB_Right	22.86	17.21	0.053
					Inner_Full	23.05	17.4	0.055
DFT-QPSK	826.5	165300	5	15kHz	Inner_1RB_Left	22.45	16.8	0.048
					Inner_1RB_Right	22.87	17.22	0.053
					Inner_Full	22.93	17.28	0.053
	836.5	167300			Inner_1RB_Left	22.91	17.26	0.053
					Inner_1RB_Right	22.90	17.25	0.053
					Inner_Full	22.88	17.23	0.053
	846.5	169300			Inner_1RB_Left	22.83	17.18	0.052
					Inner_1RB_Right	22.76	17.11	0.051
					Inner_Full	22.79	17.14	0.052
DFT-16QAM	826.5	165300	5	15kHz	Inner_1RB_Left	21.49	15.84	0.038
					Inner_1RB_Right	21.96	16.31	0.043
					Inner_Full	21.53	15.88	0.039
	836.5	167300			Inner_1RB_Left	22.11	16.46	0.044
					Inner_1RB_Right	21.97	16.32	0.043
					Inner_Full	21.73	16.08	0.041
	846.5	169300			Inner_1RB_Left	21.88	16.23	0.042
					Inner_1RB_Right	21.86	16.21	0.042
					Inner_Full	21.91	16.26	0.042
DFT-64QAM	826.5	165300	5	15kHz	Inner_1RB_Left	19.79	14.14	0.026
					Inner_1RB_Right	20.25	14.6	0.029
					Inner_Full	20.02	14.37	0.027
	836.5	167300			Inner_1RB_Left	20.20	14.55	0.029
					Inner_1RB_Right	20.13	14.48	0.028
					Inner_Full	20.35	14.7	0.030
	846.5	169300			Inner_1RB_Left	20.19	14.54	0.028
					Inner_1RB_Right	20.17	14.52	0.028
					Inner_Full	20.42	14.77	0.030
DFT-256QAM	826.5	165300	5	15kHz	Inner_1RB_Left	18.52	12.87	0.019
					Inner_1RB_Right	18.94	13.29	0.021
					Inner_Full	20.19	14.54	0.028
	836.5	167300			Inner_1RB_Left	18.94	13.29	0.021
					Inner_1RB_Right	18.87	13.22	0.021
					Inner_Full	20.32	14.67	0.029
	846.5	169300			Inner_1RB_Left	18.73	13.08	0.020
					Inner_1RB_Right	18.73	13.08	0.020
					Inner_Full	20.30	14.65	0.029

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
CP-QPSK	826.5	165300	5	15kHz	Inner_1RB_Left	19.02	13.37	0.022
					Inner_1RB_Right	21.24	15.59	0.036
					Inner_Full	17.01	11.36	0.014
	836.5	167300			Inner_1RB_Left	19.38	13.73	0.024
					Inner_1RB_Right	21.28	15.63	0.037
					Inner_Full	16.86	11.21	0.013
	846.5	169300			Inner_1RB_Left	20.91	15.26	0.034
					Inner_1RB_Right	21.15	15.5	0.035
					Inner_Full	20.99	15.34	0.034
CP-16QAM	826.5	165300			Inner_1RB_Left	20.50	14.85	0.031
					Inner_1RB_Right	20.88	15.23	0.033
					Inner_Full	20.42	14.77	0.030
	836.5	167300			Inner_1RB_Left	20.99	15.34	0.034
					Inner_1RB_Right	20.93	15.28	0.034
					Inner_Full	20.79	15.14	0.033
	846.5	169300			Inner_1RB_Left	20.93	15.28	0.034
					Inner_1RB_Right	20.84	15.19	0.033
					Inner_Full	20.83	15.18	0.033
CP-64QAM	826.5	165300			Inner_1RB_Left	18.69	13.04	0.020
					Inner_1RB_Right	19.06	13.41	0.022
					Inner_Full	19.02	13.37	0.022
	836.5	167300			Inner_1RB_Left	19.18	13.53	0.023
					Inner_1RB_Right	19.09	13.44	0.022
					Inner_Full	19.37	13.72	0.024
	846.5	169300			Inner_1RB_Left	19.12	13.47	0.022
					Inner_1RB_Right	19.08	13.43	0.022
					Inner_Full	19.44	13.79	0.024
CP-256QAM	826.5	165300	Inner_1RB_Left	16.59	10.94	0.012		
			Inner_1RB_Right	16.92	11.27	0.013		
			Inner_Full	19.19	13.54	0.023		
	836.5	167300	Inner_1RB_Left	16.95	11.3	0.013		
			Inner_1RB_Right	16.65	11	0.013		
			Inner_Full	19.22	13.57	0.023		
	846.5	169300	Inner_1RB_Left	16.46	10.81	0.012		
			Inner_1RB_Right	16.43	10.78	0.012		
			Inner_Full	19.21	13.56	0.023		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	829	165800	10	15kHz	Inner_1RB_Left	22.41	16.76	0.047
					Inner_1RB_Right	22.94	17.29	0.054
					Inner_Full	23.02	17.37	0.055
	836.5	167300			Inner_1RB_Left	23.13	17.48	0.056
					Inner_1RB_Right	22.99	17.34	0.054
					Inner_Full	22.99	17.34	0.054
	844	168800			Inner_1RB_Left	23.00	17.35	0.054
					Inner_1RB_Right	22.83	17.18	0.052
					Inner_Full	23.01	17.36	0.054
DFT-QPSK	829	165800	Inner_1RB_Left	22.42	16.77	0.048		
			Inner_1RB_Right	22.91	17.26	0.053		
			Inner_Full	22.93	17.28	0.053		
	836.5	167300	Inner_1RB_Left	23.15	17.5	0.056		
			Inner_1RB_Right	23.04	17.39	0.055		
			Inner_Full	23.06	17.41	0.055		
	844	168800	Inner_1RB_Left	22.95	17.3	0.054		
			Inner_1RB_Right	22.78	17.13	0.052		
			Inner_Full	22.80	17.15	0.052		
DFT-16QAM	829	165800	Inner_1RB_Left	21.38	15.73	0.037		
			Inner_1RB_Right	21.92	16.27	0.042		
			Inner_Full	21.86	16.21	0.042		
	836.5	167300	Inner_1RB_Left	22.09	16.44	0.044		
			Inner_1RB_Right	21.99	16.34	0.043		
			Inner_Full	21.80	16.15	0.041		
	844	168800	Inner_1RB_Left	21.96	16.31	0.043		
			Inner_1RB_Right	21.80	16.15	0.041		
			Inner_Full	21.83	16.18	0.041		
DFT-64QAM	829	165800	Inner_1RB_Left	20.19	14.54	0.028		
			Inner_1RB_Right	20.75	15.1	0.032		
			Inner_Full	20.45	14.8	0.030		
	836.5	167300	Inner_1RB_Left	20.88	15.23	0.033		
			Inner_1RB_Right	20.67	15.02	0.032		
			Inner_Full	20.36	14.71	0.030		
	844	168800	Inner_1RB_Left	20.60	14.95	0.031		
			Inner_1RB_Right	20.56	14.91	0.031		
			Inner_Full	20.38	14.73	0.030		
DFT-256QAM	829	165800	Inner_1RB_Left	18.99	13.34	0.022		
			Inner_1RB_Right	18.91	13.26	0.021		
			Inner_Full	20.76	15.11	0.032		
	836.5	167300	Inner_1RB_Left	18.98	13.33	0.022		
			Inner_1RB_Right	18.72	13.07	0.020		
			Inner_Full	20.56	14.91	0.031		
	844	168800	Inner_1RB_Left	18.75	13.1	0.020		
			Inner_1RB_Right	18.61	12.96	0.020		
			Inner_Full	20.45	14.8	0.030		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
CP-QPSK	829	165800	10	15kHz	Inner_1RB_Left	19.42	13.77	0.024
					Inner_1RB_Right	21.36	15.71	0.037
					Inner_Full	16.87	11.22	0.013
	836.5	167300			Inner_1RB_Left	21.06	15.41	0.035
					Inner_1RB_Right	21.30	15.65	0.037
					Inner_Full	21.15	15.5	0.035
	844	168800			Inner_1RB_Left	21.09	15.44	0.035
					Inner_1RB_Right	21.13	15.48	0.035
					Inner_Full	21.07	15.42	0.035
CP-16QAM	829	165800	10	15kHz	Inner_1RB_Left	20.53	14.88	0.031
					Inner_1RB_Right	21.04	15.39	0.035
					Inner_Full	20.87	15.22	0.033
	836.5	167300			Inner_1RB_Left	21.17	15.52	0.036
					Inner_1RB_Right	21.03	15.38	0.035
					Inner_Full	20.73	15.08	0.032
	844	168800			Inner_1RB_Left	20.86	15.21	0.033
					Inner_1RB_Right	20.66	15.01	0.032
					Inner_Full	20.69	15.04	0.032
CP-64QAM	829	165800	10	15kHz	Inner_1RB_Left	19.13	13.48	0.022
					Inner_1RB_Right	19.65	14	0.025
					Inner_Full	19.45	13.8	0.024
	836.5	167300			Inner_1RB_Left	19.79	14.14	0.026
					Inner_1RB_Right	19.58	13.93	0.025
					Inner_Full	19.37	13.72	0.024
	844	168800			Inner_1RB_Left	19.98	14.33	0.027
					Inner_1RB_Right	19.72	14.07	0.026
					Inner_Full	19.31	13.66	0.023
CP-256QAM	829	165800	10	15kHz	Inner_1RB_Left	17.21	11.56	0.014
					Inner_1RB_Right	16.93	11.28	0.013
					Inner_Full	19.67	14.02	0.025
	836.5	167300			Inner_1RB_Left	17.07	11.42	0.014
					Inner_1RB_Right	16.70	11.05	0.013
					Inner_Full	19.52	13.87	0.024
	844	168800			Inner_1RB_Left	16.78	11.13	0.013
					Inner_1RB_Right	16.65	11	0.013
					Inner_Full	19.35	13.7	0.023

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	831.5	166300	15	15kHz	Inner_1RB_Left	22.40	16.75	0.047
					Inner_1RB_Right	22.83	17.18	0.052
					Inner_Full	23.04	17.39	0.055
	836.5	167300			Inner_1RB_Left	23.23	17.58	0.057
					Inner_1RB_Right	23.00	17.35	0.054
					Inner_Full	23.12	17.47	0.056
	841.5	168300			Inner_1RB_Left	22.99	17.34	0.054
					Inner_1RB_Right	22.90	17.25	0.053
					Inner_Full	23.10	17.45	0.056
DFT-QPSK	831.5	166300	Inner_1RB_Left	22.38	16.73	0.047		
			Inner_1RB_Right	22.56	16.91	0.049		
			Inner_Full	22.93	17.28	0.053		
	836.5	167300	Inner_1RB_Left	23.19	17.54	0.057		
			Inner_1RB_Right	22.88	17.23	0.053		
			Inner_Full	22.90	17.25	0.053		
	841.5	168300	Inner_1RB_Left	22.90	17.25	0.053		
			Inner_1RB_Right	22.80	17.15	0.052		
			Inner_Full	22.76	17.11	0.051		
DFT-16QAM	831.5	166300	Inner_1RB_Left	21.42	15.77	0.038		
			Inner_1RB_Right	21.91	16.26	0.042		
			Inner_Full	21.96	16.31	0.043		
	836.5	167300	Inner_1RB_Left	22.18	16.53	0.045		
			Inner_1RB_Right	21.93	16.28	0.042		
			Inner_Full	21.84	16.19	0.042		
	841.5	168300	Inner_1RB_Left	21.89	16.24	0.042		
			Inner_1RB_Right	21.85	16.2	0.042		
			Inner_Full	21.84	16.19	0.042		
DFT-64QAM	831.5	166300	Inner_1RB_Left	20.18	14.53	0.028		
			Inner_1RB_Right	20.63	14.98	0.031		
			Inner_Full	20.50	14.85	0.031		
	836.5	167300	Inner_1RB_Left	20.91	15.26	0.034		
			Inner_1RB_Right	20.48	14.83	0.030		
			Inner_Full	20.38	14.73	0.030		
	841.5	168300	Inner_1RB_Left	20.70	15.05	0.032		
			Inner_1RB_Right	20.54	14.89	0.031		
			Inner_Full	20.37	14.72	0.030		
DFT-256QAM	831.5	166300	Inner_1RB_Left	18.98	13.33	0.022		
			Inner_1RB_Right	18.81	13.16	0.021		
			Inner_Full	20.56	14.91	0.031		
	836.5	167300	Inner_1RB_Left	19.18	13.53	0.023		
			Inner_1RB_Right	18.72	13.07	0.020		
			Inner_Full	20.42	14.77	0.030		
	841.5	168300	Inner_1RB_Left	18.93	13.28	0.021		
			Inner_1RB_Right	18.67	13.02	0.020		
			Inner_Full	20.46	14.81	0.030		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
CP-QPSK	831.5	166300	15	15kHz	Inner_1RB_Left	21.24	15.59	0.036
					Inner_1RB_Right	21.22	15.57	0.036
					Inner_Full	21.28	15.63	0.037
	836.5	167300			Inner_1RB_Left	19.95	14.3	0.027
					Inner_1RB_Right	20.98	15.33	0.034
					Inner_Full	17.01	11.36	0.014
	841.5	168300			Inner_1RB_Left	19.46	13.81	0.024
					Inner_1RB_Right	21.15	15.5	0.035
					Inner_Full	16.75	11.1	0.013
CP-16QAM	831.5	166300			Inner_1RB_Left	20.49	14.84	0.030
					Inner_1RB_Right	20.90	15.25	0.033
					Inner_Full	20.89	15.24	0.033
	836.5	167300			Inner_1RB_Left	21.20	15.55	0.036
					Inner_1RB_Right	20.63	14.98	0.031
					Inner_Full	20.81	15.16	0.033
	841.5	168300			Inner_1RB_Left	20.97	15.32	0.034
					Inner_1RB_Right	20.78	15.13	0.033
					Inner_Full	20.79	15.14	0.033
CP-64QAM	831.5	166300			Inner_1RB_Left	19.14	13.49	0.022
					Inner_1RB_Right	19.49	13.84	0.024
					Inner_Full	19.54	13.89	0.024
	836.5	167300			Inner_1RB_Left	19.82	14.17	0.026
					Inner_1RB_Right	19.37	13.72	0.024
					Inner_Full	19.45	13.8	0.024
	841.5	168300			Inner_1RB_Left	19.64	13.99	0.025
					Inner_1RB_Right	19.35	13.7	0.023
					Inner_Full	19.46	13.81	0.024
CP-256QAM	831.5	166300	Inner_1RB_Left	17.28	11.63	0.015		
			Inner_1RB_Right	16.78	11.13	0.013		
			Inner_Full	19.43	13.78	0.024		
	836.5	167300	Inner_1RB_Left	17.20	11.55	0.014		
			Inner_1RB_Right	16.67	11.02	0.013		
			Inner_Full	19.36	13.71	0.023		
	841.5	168300	Inner_1RB_Left	16.96	11.31	0.014		
			Inner_1RB_Right	16.66	11.01	0.013		
			Inner_Full	19.30	13.65	0.023		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	834	166800	20	15kHz	Inner_1RB_Left	22.47	16.82	0.048
					Inner_1RB_Right	22.91	17.26	0.053
					Inner_Full	23.16	17.51	0.056
	836.5	167300			Inner_1RB_Left	22.71	17.06	0.051
					Inner_1RB_Right	22.93	17.28	0.053
					Inner_Full	23.11	17.46	0.056
	839	167800			Inner_1RB_Left	23.17	17.52	0.056
					Inner_1RB_Right	22.86	17.21	0.053
					Inner_Full	23.05	17.4	0.055
DFT-QPSK	834	166800	Inner_1RB_Left	22.33	16.68	0.047		
			Inner_1RB_Right	22.81	17.16	0.052		
			Inner_Full	22.81	17.16	0.052		
	836.5	167300	Inner_1RB_Left	22.54	16.89	0.049		
			Inner_1RB_Right	22.80	17.15	0.052		
			Inner_Full	22.80	17.15	0.052		
	839	167800	Inner_1RB_Left	22.99	17.34	0.054		
			Inner_1RB_Right	22.75	17.1	0.051		
			Inner_Full	22.77	17.12	0.052		
DFT-16QAM	834	166800	Inner_1RB_Left	21.36	15.71	0.037		
			Inner_1RB_Right	21.87	16.22	0.042		
			Inner_Full	21.90	16.25	0.042		
	836.5	167300	Inner_1RB_Left	21.68	16.03	0.040		
			Inner_1RB_Right	22.03	16.38	0.043		
			Inner_Full	21.88	16.23	0.042		
	839	167800	Inner_1RB_Left	22.28	16.63	0.046		
			Inner_1RB_Right	22.10	16.45	0.044		
			Inner_Full	21.89	16.24	0.042		
DFT-64QAM	834	166800	Inner_1RB_Left	20.66	15.01	0.032		
			Inner_1RB_Right	20.74	15.09	0.032		
			Inner_Full	20.49	14.84	0.030		
	836.5	167300	Inner_1RB_Left	20.57	14.92	0.031		
			Inner_1RB_Right	20.56	14.91	0.031		
			Inner_Full	20.47	14.82	0.030		
	839	167800	Inner_1RB_Left	20.84	15.19	0.033		
			Inner_1RB_Right	20.53	14.88	0.031		
			Inner_Full	20.47	14.82	0.030		
DFT-256QAM	834	166800	Inner_1RB_Left	19.18	13.53	0.023		
			Inner_1RB_Right	18.58	12.93	0.020		
			Inner_Full	20.62	14.97	0.031		
	836.5	167300	Inner_1RB_Left	19.17	13.52	0.022		
			Inner_1RB_Right	18.64	12.99	0.020		
			Inner_Full	20.73	15.08	0.032		
	839	167800	Inner_1RB_Left	19.14	13.49	0.022		
			Inner_1RB_Right	18.62	12.97	0.020		
			Inner_Full	19.94	14.29	0.027		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
CP-QPSK	834	166800	20	15kHz	Inner_1RB_Left	21.08	15.43	0.035
					Inner_1RB_Right	21.21	15.56	0.036
					Inner_Full	21.08	15.43	0.035
	836.5	167300			Inner_1RB_Left	19.46	13.81	0.024
					Inner_1RB_Right	21.18	15.53	0.036
					Inner_Full	16.92	11.27	0.013
	839	167800			Inner_1RB_Left	21.04	15.39	0.035
					Inner_1RB_Right	21.22	15.57	0.036
					Inner_Full	21.01	15.36	0.034
CP-16QAM	834	166800	20	15kHz	Inner_1RB_Left	20.41	14.76	0.030
					Inner_1RB_Right	20.86	15.21	0.033
					Inner_Full	20.74	15.09	0.032
	836.5	167300			Inner_1RB_Left	20.63	14.98	0.031
					Inner_1RB_Right	20.89	15.24	0.033
					Inner_Full	20.74	15.09	0.032
	839	167800			Inner_1RB_Left	21.18	15.53	0.036
					Inner_1RB_Right	20.87	15.22	0.033
					Inner_Full	20.69	15.04	0.032
CP-64QAM	834	166800	20	15kHz	Inner_1RB_Left	19.05	13.4	0.022
					Inner_1RB_Right	19.36	13.71	0.023
					Inner_Full	19.47	13.82	0.024
	836.5	167300			Inner_1RB_Left	19.25	13.6	0.023
					Inner_1RB_Right	18.99	13.34	0.022
					Inner_Full	19.48	13.83	0.024
	839	167800			Inner_1RB_Left	19.83	14.18	0.026
					Inner_1RB_Right	19.26	13.61	0.023
					Inner_Full	19.43	13.78	0.024
CP-256QAM	834	166800	20	15kHz	Inner_1RB_Left	17.22	11.57	0.014
					Inner_1RB_Right	16.62	10.97	0.013
					Inner_Full	19.36	13.71	0.023
	836.5	167300			Inner_1RB_Left	17.27	11.62	0.015
					Inner_1RB_Right	16.65	11	0.013
					Inner_Full	19.36	13.71	0.023
	839	167800			Inner_1RB_Left	17.12	11.47	0.014
					Inner_1RB_Right	16.62	10.97	0.013
					Inner_Full	19.34	13.69	0.023

Test on the worst case:

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	876.5	175300	15	15kHz	Inner_1RB_Left	22.25	16.6	0.046
					Inner_1RB_Right	22.69	17.04	0.051
					Inner_Full	22.89	17.24	0.053
	836.5	167300			Inner_1RB_Left	23.18	17.53	0.057
					Inner_1RB_Right	22.82	17.17	0.052
					Inner_Full	23.11	17.46	0.056
	841.5	168300			Inner_1RB_Left	22.96	17.31	0.054
					Inner_1RB_Right	22.88	17.23	0.053
					Inner_Full	22.96	17.31	0.054