

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NR Band2

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1852.5	370500	5	15kHz	Inner_1RB_Left	23.48
					Inner_1RB_Right	23.38
					Inner_Full	23.51
	1880	376000			Inner_1RB_Left	23.56
					Inner_1RB_Right	23.41
					Inner_Full	23.58
	1907.5	381500			Inner_1RB_Left	23.41
					Inner_1RB_Right	23.26
					Inner_Full	23.45
DFT-QPSK	1852.5	370500	5	15kHz	Inner_1RB_Left	23.58
					Inner_1RB_Right	23.37
					Inner_Full	23.51
	1880	376000			Inner_1RB_Left	23.70
					Inner_1RB_Right	23.50
					Inner_Full	23.53
	1907.5	381500			Inner_1RB_Left	23.40
					Inner_1RB_Right	23.28
					Inner_Full	23.28
DFT-16QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	22.68
					Inner_1RB_Right	22.59
					Inner_Full	22.63
	1880	376000			Inner_1RB_Left	22.36
					Inner_1RB_Right	22.29
					Inner_Full	22.64
	1907.5	381500			Inner_1RB_Left	22.04
					Inner_1RB_Right	21.94
					Inner_Full	22.50
DFT-64QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	20.94
					Inner_1RB_Right	20.79
					Inner_Full	21.11
	1880	376000			Inner_1RB_Left	20.81
					Inner_1RB_Right	20.81
					Inner_Full	21.16
	1907.5	381500			Inner_1RB_Left	20.73
					Inner_1RB_Right	20.56
					Inner_Full	21.00
DFT-256QA M	1852.5	370500	5	15kHz	Inner_1RB_Left	18.94
					Inner_1RB_Right	18.89
					Inner_Full	19.02
	1880	376000			Inner_1RB_Left	18.75
					Inner_1RB_Right	18.64
					Inner_Full	20.66
	1907.5	381500			Inner_1RB_Left	18.50
					Inner_1RB_Right	18.41
					Inner_Full	20.54

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1852.5	370500	5	15kHz	Inner_1RB_Left	22.05
					Inner_1RB_Right	21.94
					Inner_Full	22.06
	1880	376000			Inner_1RB_Left	22.11
					Inner_1RB_Right	22.00
					Inner_Full	22.08
	1907.5	381500			Inner_1RB_Left	19.99
					Inner_1RB_Right	21.68
					Inner_Full	17.06
CP-16QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	21.76
					Inner_1RB_Right	21.64
					Inner_Full	21.68
	1880	376000			Inner_1RB_Left	21.59
					Inner_1RB_Right	21.21
					Inner_Full	21.59
	1907.5	381500			Inner_1RB_Left	21.20
					Inner_1RB_Right	21.09
					Inner_Full	21.42
CP-64QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	19.78
					Inner_1RB_Right	19.65
					Inner_Full	20.12
	1880	376000			Inner_1RB_Left	19.96
					Inner_1RB_Right	19.82
					Inner_Full	20.15
	1907.5	381500			Inner_1RB_Left	19.96
					Inner_1RB_Right	19.69
					Inner_Full	19.96
CP-256QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	16.98
					Inner_1RB_Right	16.83
					Inner_Full	16.98
	1880	376000			Inner_1RB_Left	16.76
					Inner_1RB_Right	16.63
					Inner_Full	19.79
	1907.5	381500			Inner_1RB_Left	16.62
					Inner_1RB_Right	16.43
					Inner_Full	19.50

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1855	371000	10	15kHz	Inner_1RB_Left	23.49
					Inner_1RB_Right	23.47
					Inner_Full	23.61
	1880	376000			Inner_1RB_Left	23.52
					Inner_1RB_Right	23.41
					Inner_Full	23.55
	1905	381000			Inner_1RB_Left	23.46
					Inner_1RB_Right	23.29
					Inner_Full	23.46
DFT-QPSK	1855	371000	10	15kHz	Inner_1RB_Left	23.55
					Inner_1RB_Right	23.52
					Inner_Full	23.56
	1880	376000			Inner_1RB_Left	23.58
					Inner_1RB_Right	23.47
					Inner_Full	23.48
	1905	381000			Inner_1RB_Left	23.46
					Inner_1RB_Right	23.40
					Inner_Full	23.33
DFT-16QAM	1855	371000	10	15kHz	Inner_1RB_Left	22.20
					Inner_1RB_Right	22.19
					Inner_Full	22.60
	1880	376000			Inner_1RB_Left	22.16
					Inner_1RB_Right	22.09
					Inner_Full	22.53
	1905	381000			Inner_1RB_Left	22.08
					Inner_1RB_Right	22.00
					Inner_Full	22.44
DFT-64QAM	1855	371000	10	15kHz	Inner_1RB_Left	20.84
					Inner_1RB_Right	20.77
					Inner_Full	21.14
	1880	376000			Inner_1RB_Left	20.86
					Inner_1RB_Right	20.75
					Inner_Full	21.14
	1905	381000			Inner_1RB_Left	20.72
					Inner_1RB_Right	20.60
					Inner_Full	21.04
DFT-256QA M	1855	371000	10	15kHz	Inner_1RB_Left	18.85
					Inner_1RB_Right	18.81
					Inner_Full	20.63
	1880	376000			Inner_1RB_Left	18.71
					Inner_1RB_Right	18.63
					Inner_Full	20.61
	1905	381000			Inner_1RB_Left	18.74
					Inner_1RB_Right	18.61
					Inner_Full	20.49

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1855	371000	10	15kHz	Inner_1RB_Left	22.13
					Inner_1RB_Right	21.92
					Inner_Full	22.09
	1880	376000			Inner_1RB_Left	20.16
					Inner_1RB_Right	21.75
					Inner_Full	17.06
	1905	381000			Inner_1RB_Left	21.98
					Inner_1RB_Right	21.68
					Inner_Full	21.99
CP-16QAM	1855	371000	10	15kHz	Inner_1RB_Left	21.34
					Inner_1RB_Right	21.26
					Inner_Full	21.65
	1880	376000			Inner_1RB_Left	21.32
					Inner_1RB_Right	21.19
					Inner_Full	21.66
	1905	381000			Inner_1RB_Left	21.28
					Inner_1RB_Right	21.09
					Inner_Full	21.56
CP-64QAM	1855	371000	10	15kHz	Inner_1RB_Left	20.02
					Inner_1RB_Right	19.97
					Inner_Full	20.17
	1880	376000			Inner_1RB_Left	19.96
					Inner_1RB_Right	19.97
					Inner_Full	20.14
	1905	381000			Inner_1RB_Left	19.91
					Inner_1RB_Right	19.83
					Inner_Full	20.00
CP-256QAM	1855	371000	10	15kHz	Inner_1RB_Left	16.76
					Inner_1RB_Right	16.66
					Inner_Full	19.74
	1880	376000			Inner_1RB_Left	16.76
					Inner_1RB_Right	16.65
					Inner_Full	19.83
	1905	381000			Inner_1RB_Left	16.69
					Inner_1RB_Right	16.46
					Inner_Full	19.59

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1857.5	371500	15	15kHz	Inner_1RB_Left	23.43
					Inner_1RB_Right	23.42
					Inner_Full	23.46
	1880	376000			Inner_1RB_Left	23.35
					Inner_1RB_Right	23.34
					Inner_Full	23.44
	1902.5	380500			Inner_1RB_Left	23.25
					Inner_1RB_Right	23.17
					Inner_Full	23.31
DFT-QPSK	1857.5	371500	15	15kHz	Inner_1RB_Left	23.47
					Inner_1RB_Right	23.42
					Inner_Full	23.44
	1880	376000			Inner_1RB_Left	23.41
					Inner_1RB_Right	23.41
					Inner_Full	23.40
	1902.5	380500			Inner_1RB_Left	23.30
					Inner_1RB_Right	23.20
					Inner_Full	23.20
DFT-16QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	22.10
					Inner_1RB_Right	22.12
					Inner_Full	22.43
	1880	376000			Inner_1RB_Left	22.03
					Inner_1RB_Right	22.03
					Inner_Full	22.38
	1902.5	380500			Inner_1RB_Left	21.96
					Inner_1RB_Right	21.81
					Inner_Full	22.25
DFT-64QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	20.71
					Inner_1RB_Right	20.67
					Inner_Full	20.98
	1880	376000			Inner_1RB_Left	20.71
					Inner_1RB_Right	20.64
					Inner_Full	20.97
	1902.5	380500			Inner_1RB_Left	20.61
					Inner_1RB_Right	20.53
					Inner_Full	20.83
DFT-256QA M	1857.5	371500	15	15kHz	Inner_1RB_Left	18.70
					Inner_1RB_Right	18.77
					Inner_Full	20.59
	1880	376000			Inner_1RB_Left	18.70
					Inner_1RB_Right	18.67
					Inner_Full	20.52
	1902.5	380500			Inner_1RB_Left	18.64
					Inner_1RB_Right	18.45
					Inner_Full	20.34

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1857.5	371500	15	15kHz	Inner_1RB_Left	21.92
					Inner_1RB_Right	21.63
					Inner_Full	21.98
	1880	376000			Inner_1RB_Left	21.90
					Inner_1RB_Right	21.71
					Inner_Full	21.96
	1902.5	380500			Inner_1RB_Left	21.76
					Inner_1RB_Right	21.46
					Inner_Full	21.87
CP-16QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	21.21
					Inner_1RB_Right	21.11
					Inner_Full	21.50
	1880	376000			Inner_1RB_Left	21.24
					Inner_1RB_Right	21.01
					Inner_Full	21.46
	1902.5	380500			Inner_1RB_Left	21.18
					Inner_1RB_Right	20.85
					Inner_Full	21.31
CP-64QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	19.94
					Inner_1RB_Right	19.72
					Inner_Full	20.07
	1880	376000			Inner_1RB_Left	19.83
					Inner_1RB_Right	19.84
					Inner_Full	20.01
	1902.5	380500			Inner_1RB_Left	19.74
					Inner_1RB_Right	19.62
					Inner_Full	19.93
CP-256QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	16.63
					Inner_1RB_Right	16.51
					Inner_Full	19.48
	1880	376000			Inner_1RB_Left	16.67
					Inner_1RB_Right	16.61
					Inner_Full	19.66
	1902.5	380500			Inner_1RB_Left	16.56
					Inner_1RB_Right	16.39
					Inner_Full	19.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1860	372000	20	15kHz	Inner_1RB_Left	23.34
					Inner_1RB_Right	23.38
					Inner_Full	23.48
	1880	376000			Inner_1RB_Left	23.33
					Inner_1RB_Right	23.33
					Inner_Full	23.49
	1900	380000			Inner_1RB_Left	23.33
					Inner_1RB_Right	23.14
					Inner_Full	23.38
DFT-QPSK	1860	372000	20	15kHz	Inner_1RB_Left	23.39
					Inner_1RB_Right	23.39
					Inner_Full	23.43
	1880	376000			Inner_1RB_Left	23.43
					Inner_1RB_Right	23.35
					Inner_Full	23.39
	1900	380000			Inner_1RB_Left	23.37
					Inner_1RB_Right	23.25
					Inner_Full	23.19
DFT-16QAM	1860	372000	20	15kHz	Inner_1RB_Left	21.94
					Inner_1RB_Right	22.03
					Inner_Full	22.43
	1880	376000			Inner_1RB_Left	22.06
					Inner_1RB_Right	22.02
					Inner_Full	22.38
	1900	380000			Inner_1RB_Left	21.92
					Inner_1RB_Right	21.78
					Inner_Full	22.34
DFT-64QAM	1860	372000	20	15kHz	Inner_1RB_Left	20.34
					Inner_1RB_Right	19.87
					Inner_Full	21.02
	1880	376000			Inner_1RB_Left	20.51
					Inner_1RB_Right	21.21
					Inner_Full	21.04
	1900	380000			Inner_1RB_Left	21.09
					Inner_1RB_Right	20.72
					Inner_Full	20.93
DFT-256QA M	1860	372000	20	15kHz	Inner_1RB_Left	18.62
					Inner_1RB_Right	18.67
					Inner_Full	19.63
	1880	376000			Inner_1RB_Left	18.65
					Inner_1RB_Right	18.59
					Inner_Full	19.27
	1900	380000			Inner_1RB_Left	18.84
					Inner_1RB_Right	18.68
					Inner_Full	19.13

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1860	372000	20	15kHz	Inner_1RB_Left	21.94
					Inner_1RB_Right	21.67
					Inner_Full	21.95
	1880	376000			Inner_1RB_Left	21.93
					Inner_1RB_Right	21.62
					Inner_Full	21.95
	1900	380000			Inner_1RB_Left	21.88
					Inner_1RB_Right	21.67
					Inner_Full	21.89
CP-16QAM	1860	372000	20	15kHz	Inner_1RB_Left	21.13
					Inner_1RB_Right	21.12
					Inner_Full	21.45
	1880	376000			Inner_1RB_Left	21.21
					Inner_1RB_Right	21.04
					Inner_Full	21.48
	1900	380000			Inner_1RB_Left	21.49
					Inner_1RB_Right	21.08
					Inner_Full	21.38
CP-64QAM	1860	372000	20	15kHz	Inner_1RB_Left	19.90
					Inner_1RB_Right	19.77
					Inner_Full	20.05
	1880	376000			Inner_1RB_Left	19.75
					Inner_1RB_Right	19.74
					Inner_Full	20.06
	1900	380000			Inner_1RB_Left	19.94
					Inner_1RB_Right	19.65
					Inner_Full	19.90
CP-256QAM	1860	372000	20	15kHz	Inner_1RB_Left	16.57
					Inner_1RB_Right	16.48
					Inner_Full	19.48
	1880	376000			Inner_1RB_Left	16.62
					Inner_1RB_Right	16.48
					Inner_Full	19.55
	1900	380000			Inner_1RB_Left	16.60
					Inner_1RB_Right	16.32
					Inner_Full	19.37

Test on the worst case:

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPSK	1852.5	370500	5	15kHz	Inner_1RB_Left	23.51
					Inner_1RB_Right	23.13
					Inner_Full	23.46
	1880	376000			Inner_1RB_Left	23.45
					Inner_1RB_Right	23.25
					Inner_Full	23.39
	1907.5	381500			Inner_1RB_Left	23.16
					Inner_1RB_Right	23.03
					Inner_Full	23.15

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	
N2	Mid	5	15	Outer_Full	4.46	Fig.1	4.47	Fig.2	4.47	Fig.3	4.47	Fig.4	4.47	Fig.5
	Mid	10		Outer_Full	8.94	Fig.10	8.94	Fig.11	8.92	Fig.12	8.94	Fig.13	8.92	Fig.14
	Mid	15		Outer_Full	13.47	Fig.19	13.44	Fig.20	13.44	Fig.21	13.44	Fig.22	13.44	Fig.23
	Mid	20		Outer_Full	17.88	Fig.28	17.88	Fig.29	17.88	Fig.30	17.88	Fig.31	17.92	Fig.32
Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of 99% Power (MHz)									
					CP-QPSK		CP-16QAM		CP-64QAM		CP-256QAM		--	
N2	Mid	5	15	Outer_Full	4.48	Fig.6	4.46	Fig.7	4.47	Fig.8	4.47	Fig.9	--	--
	Mid	10		Outer_Full	9.32	Fig.15	9.30	Fig.16	9.30	Fig.17	9.28	Fig.18	--	--
	Mid	15		Outer_Full	14.16	Fig.24	14.13	Fig.25	14.16	Fig.26	14.13	Fig.27	--	--
	Mid	20		Outer_Full	18.92	Fig.33	18.92	Fig.34	19.00	Fig.35	19.00	Fig.36	--	--

3 Emission Bandwidth

Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of -26dB transmitter power (MHz)									
					DFT-PI2BPSK		DFT-QPSK		DFT-16QAM		DFT-64QAM		DFT-256QAM	
N2	Mid	5	15	Outer_Full	4.81	Fig.1	4.85	Fig.2	4.89	Fig.3	4.87	Fig.4	4.81	Fig.5
	Mid	10		Outer_Full	9.48	Fig.10	9.48	Fig.11	9.48	Fig.12	9.44	Fig.13	9.36	Fig.14
	Mid	15		Outer_Full	14.10	Fig.19	14.19	Fig.20	14.16	Fig.21	14.19	Fig.22	14.13	Fig.23
	Mid	20		Outer_Full	18.56	Fig.28	18.68	Fig.29	18.64	Fig.30	18.68	Fig.31	18.72	Fig.32
Band	Channel	BW (MHz)	SCS	RB Config	Bandwidth of -26dB transmitter power (MHz)									
					CP-QPSK		CP-16QAM		CP-64QAM		CP-256QAM		--	
N2	Mid	5	15	Outer_Full	4.87	Fig.6	4.84	Fig.7	4.88	Fig.8	4.91	Fig.9	--	--
	Mid	10		Outer_Full	9.82	Fig.15	9.90	Fig.16	9.92	Fig.17	9.86	Fig.18	--	--
	Mid	15		Outer_Full	14.88	Fig.24	14.79	Fig.25	14.82	Fig.26	14.82	Fig.27	--	--
	Mid	20		Outer_Full	19.72	Fig.33	19.72	Fig.34	19.76	Fig.35	19.68	Fig.36	--	--

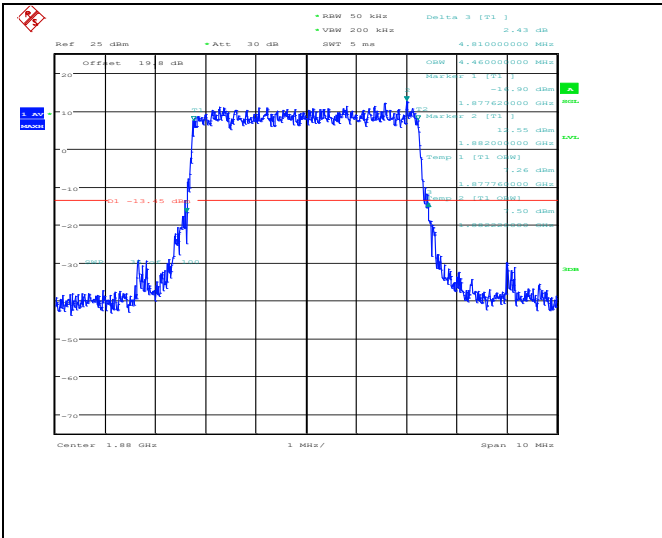


Fig.1

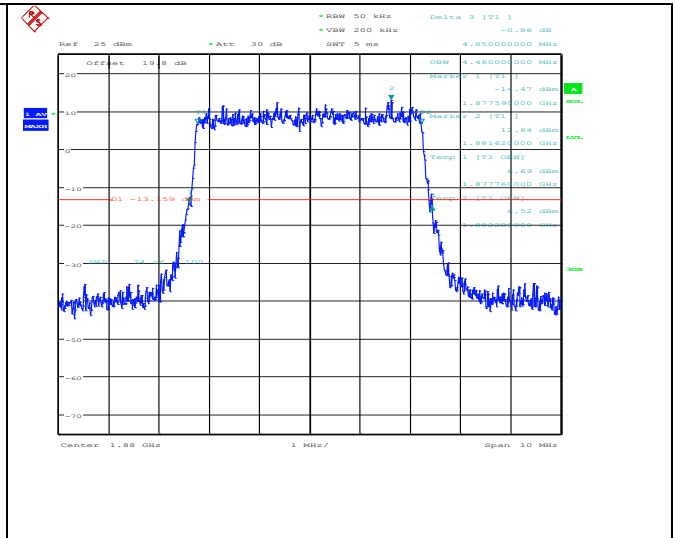


Fig.2

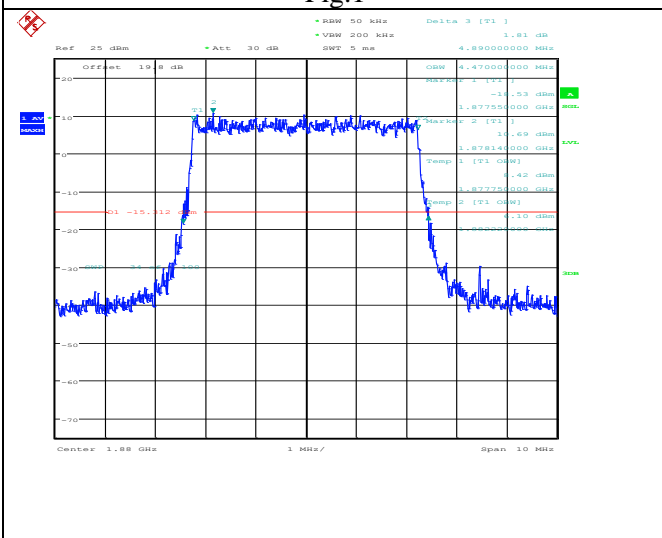


Fig.3

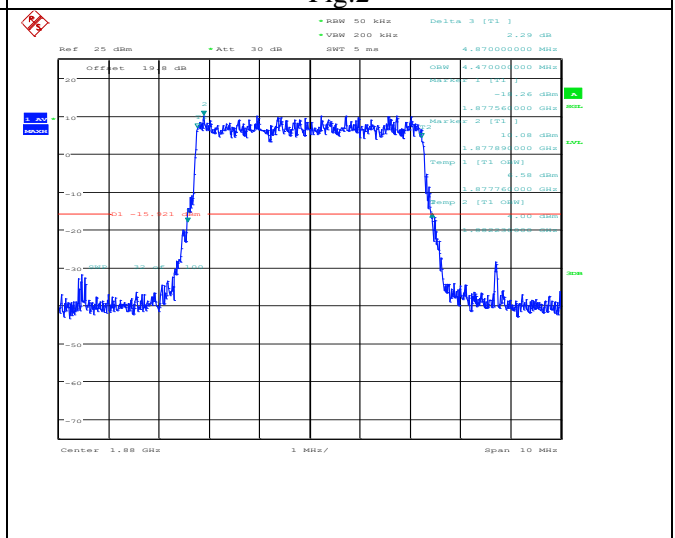


Fig.4

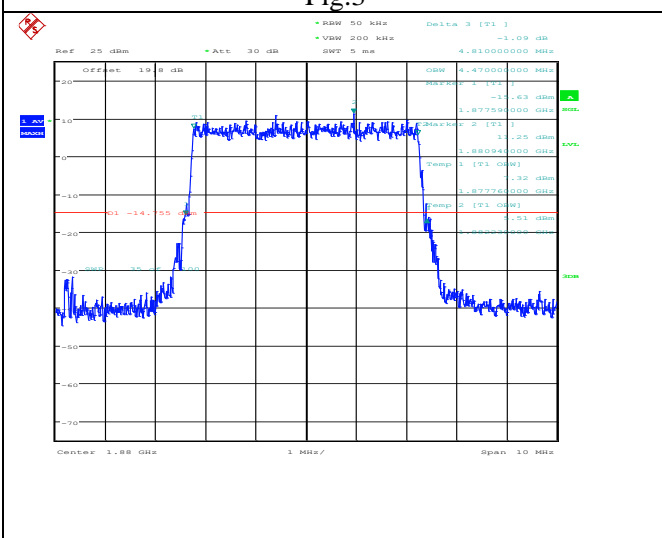


Fig.5

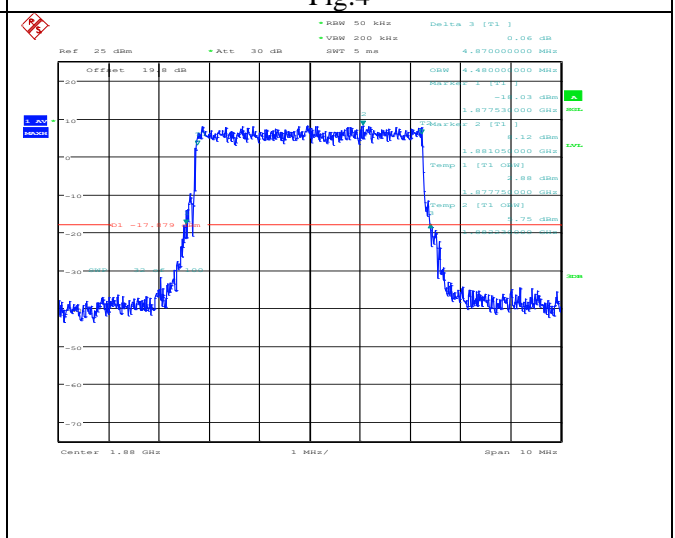


Fig.6

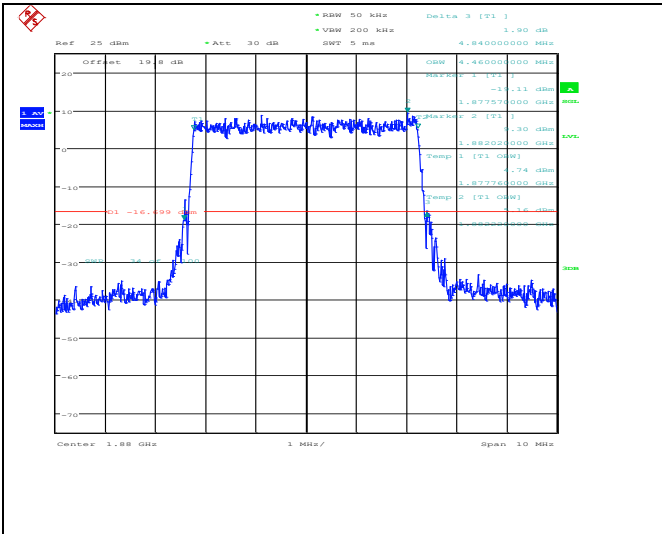


Fig.7

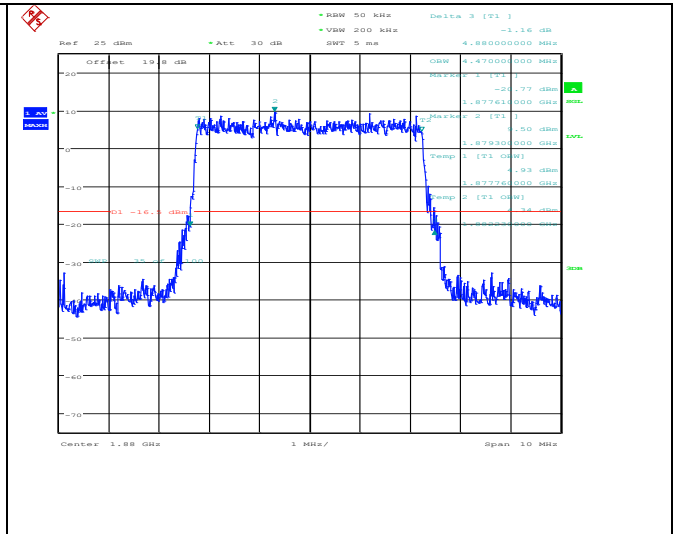


Fig.8

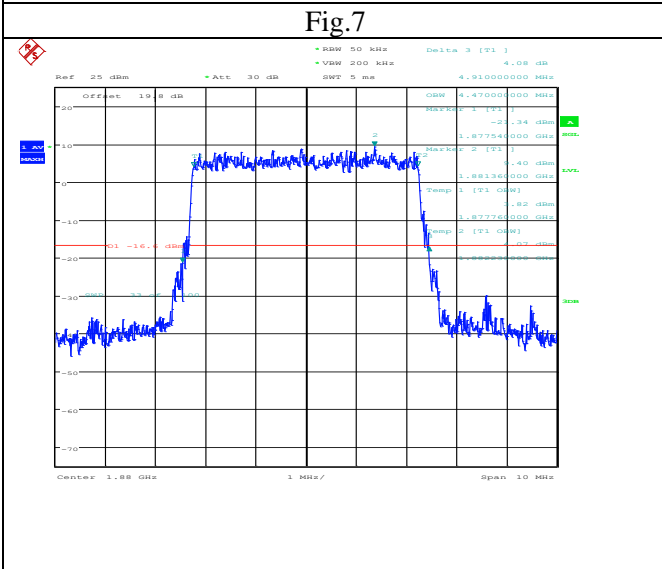


Fig.9

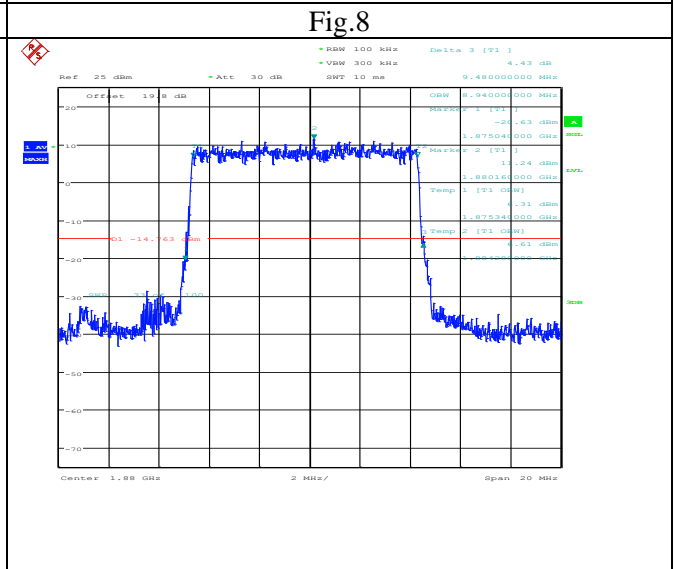


Fig.10

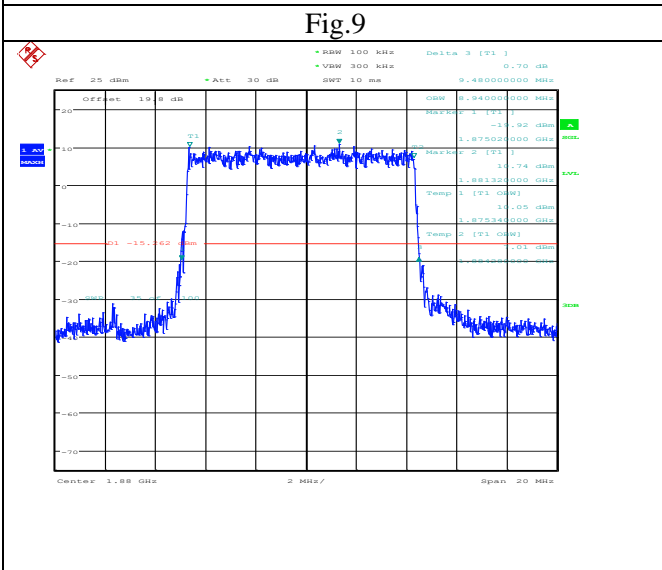


Fig.11

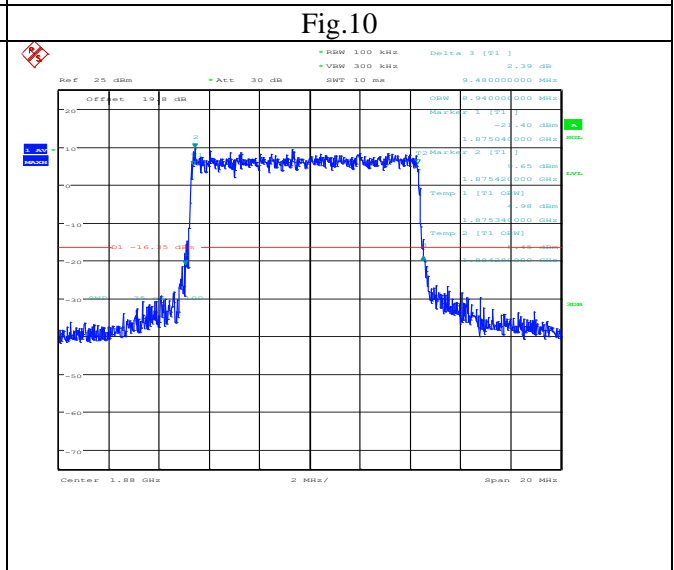


Fig.12

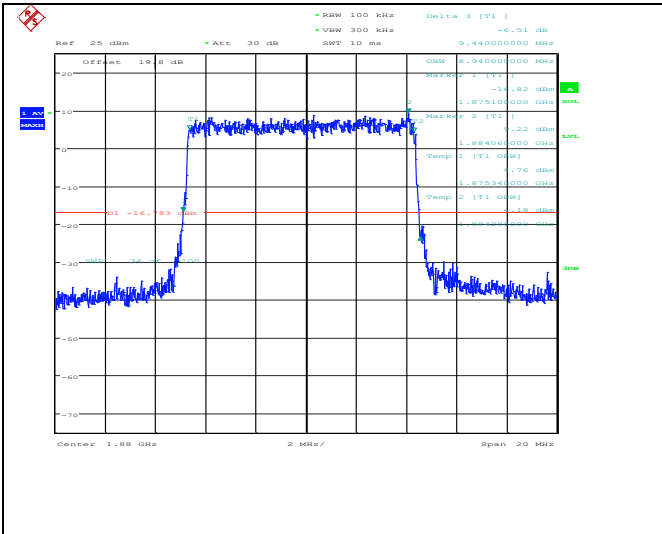


Fig.13

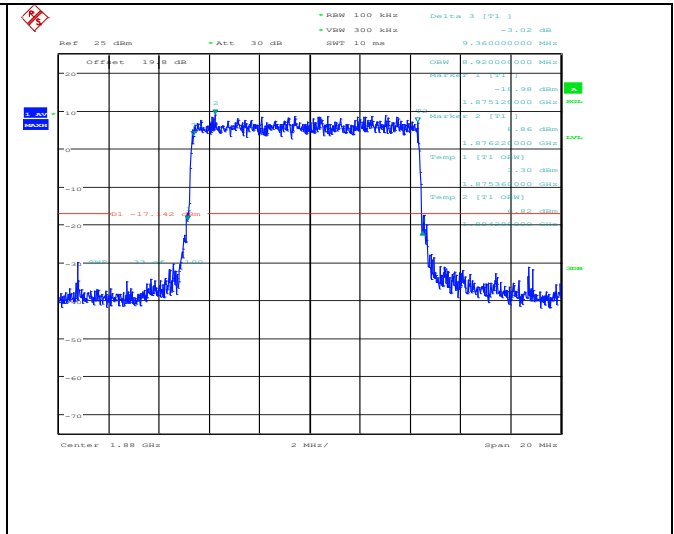


Fig.14

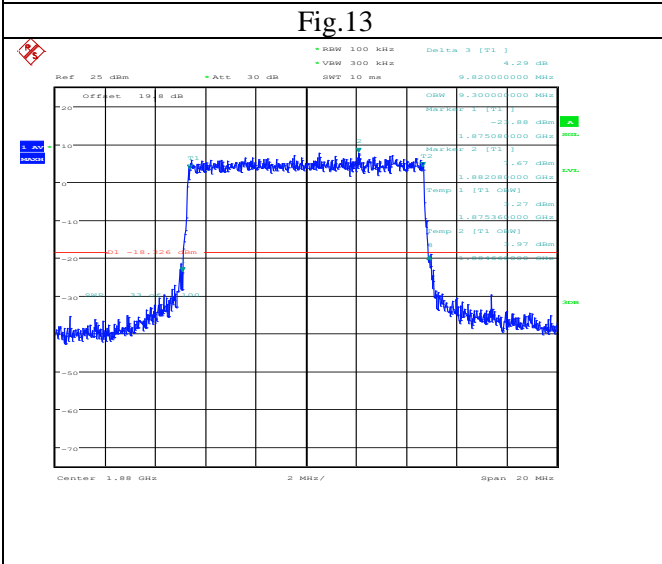


Fig.15

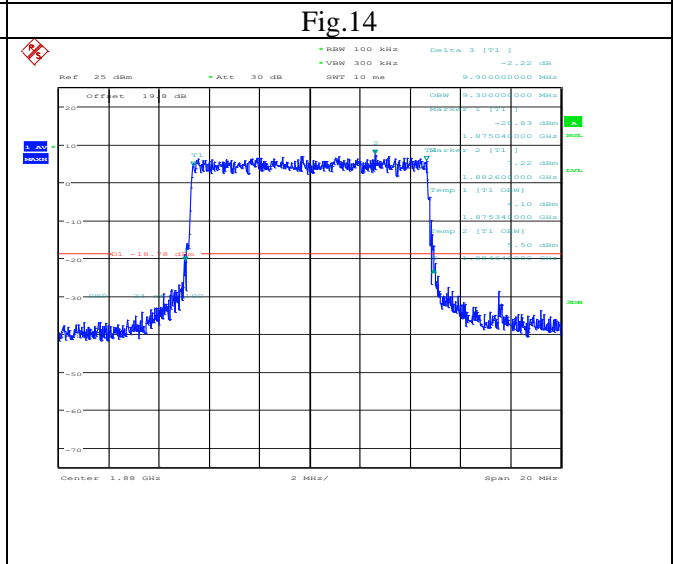


Fig.16

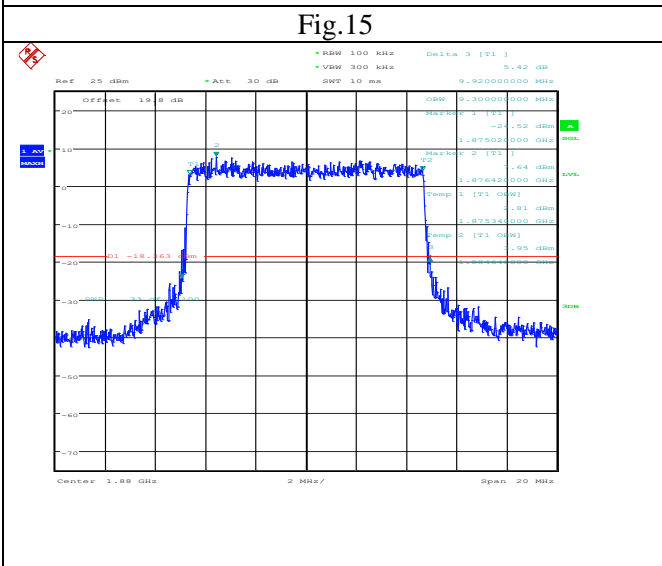


Fig.17

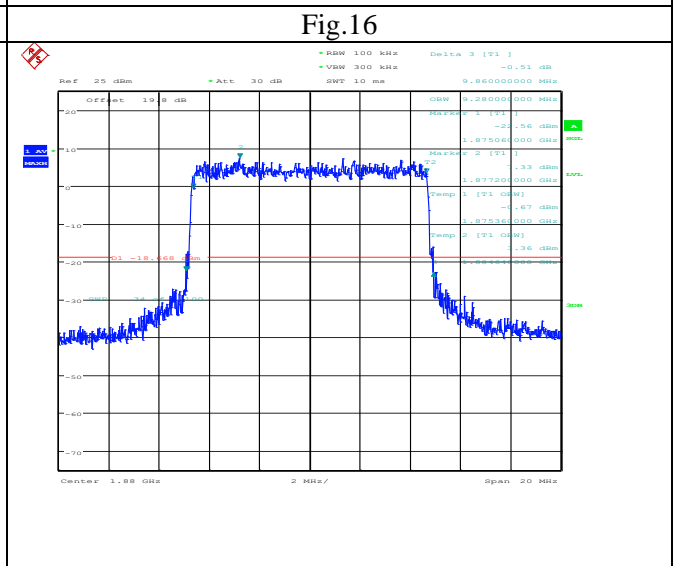


Fig.18

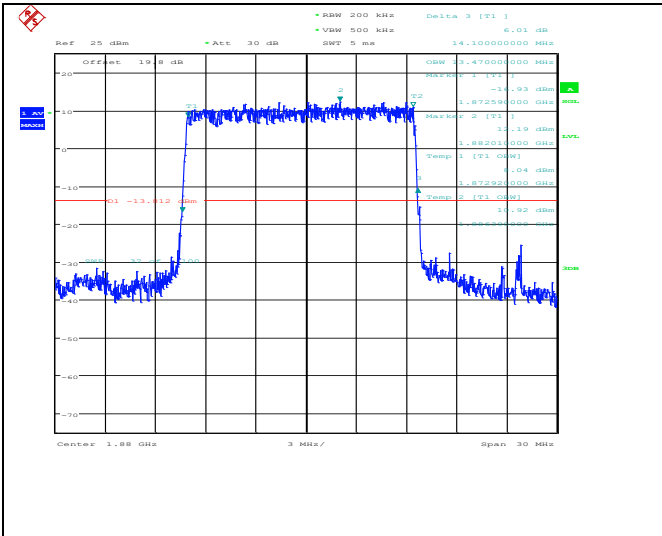


Fig.19

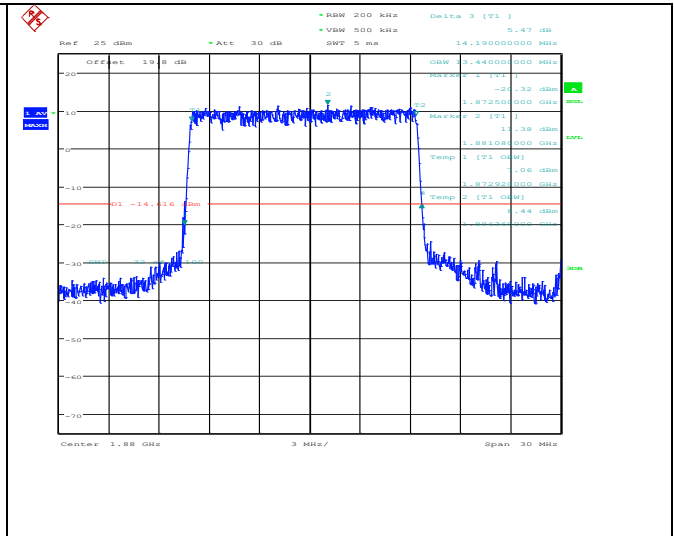


Fig.20

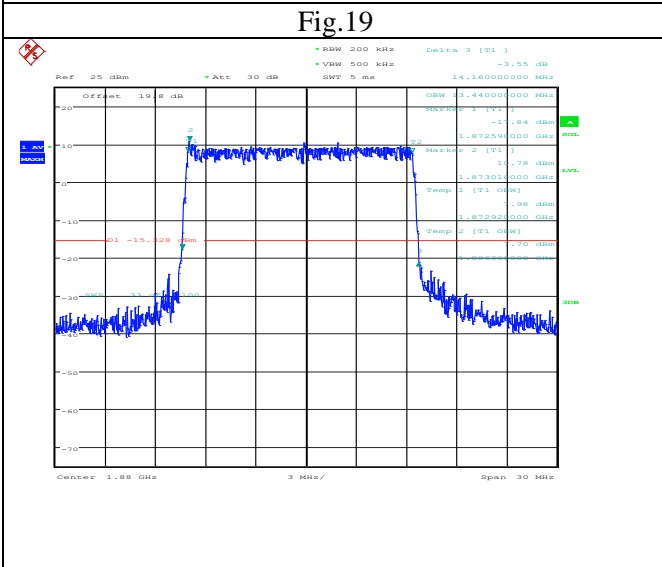


Fig.21

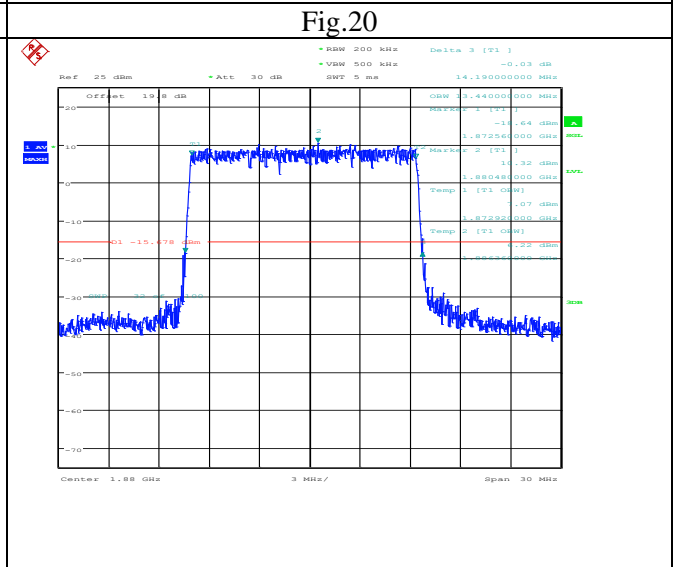


Fig.22

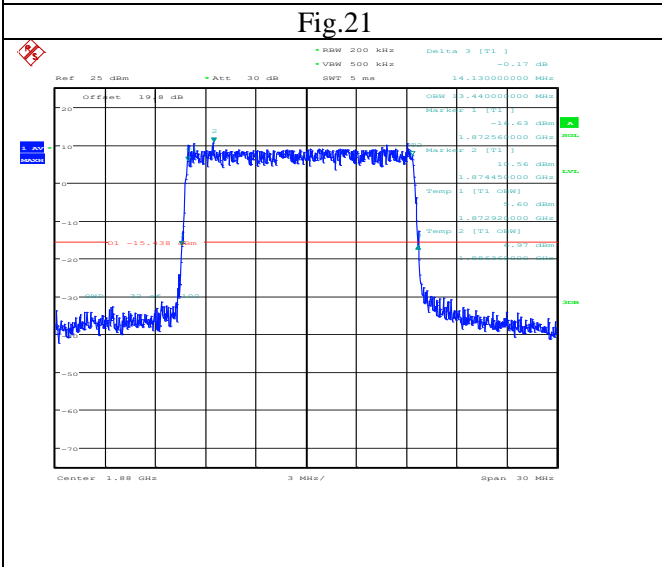


Fig.23

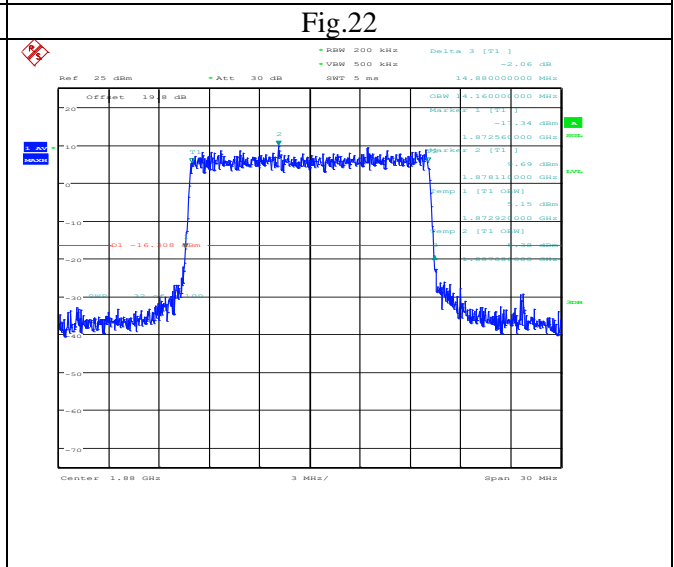
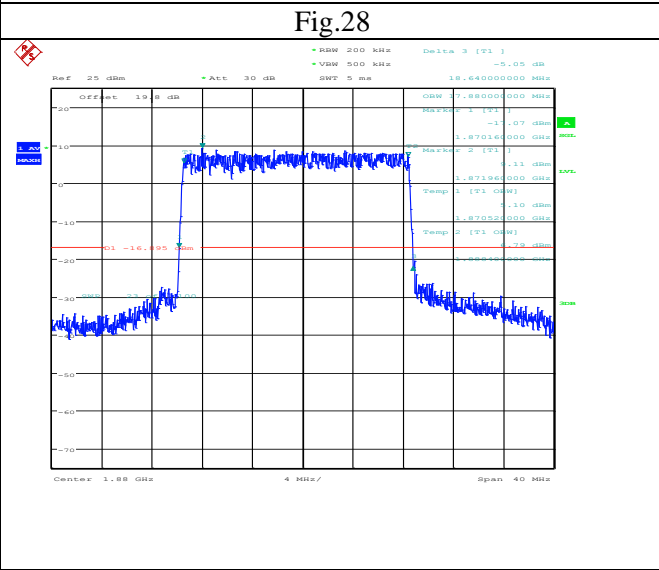
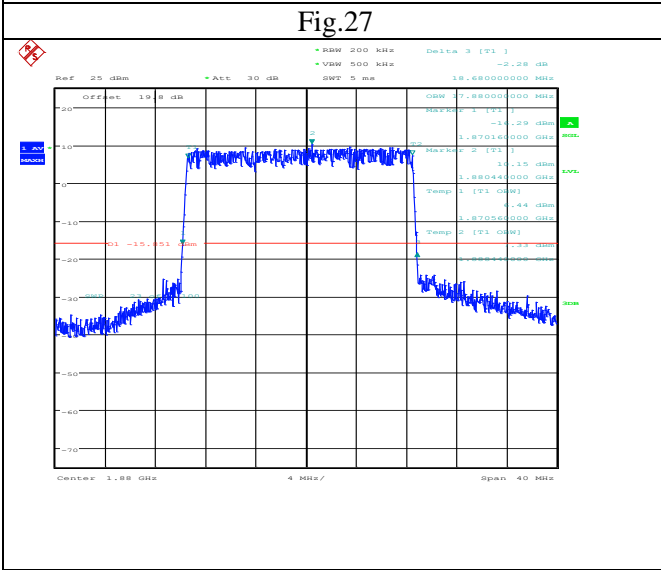
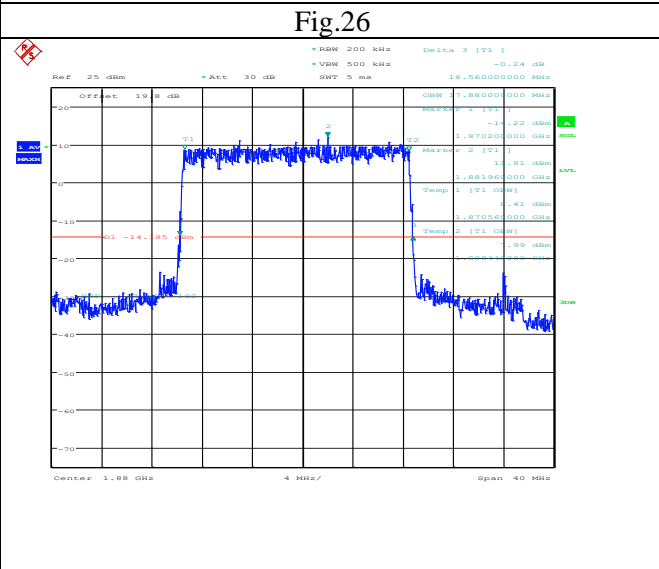
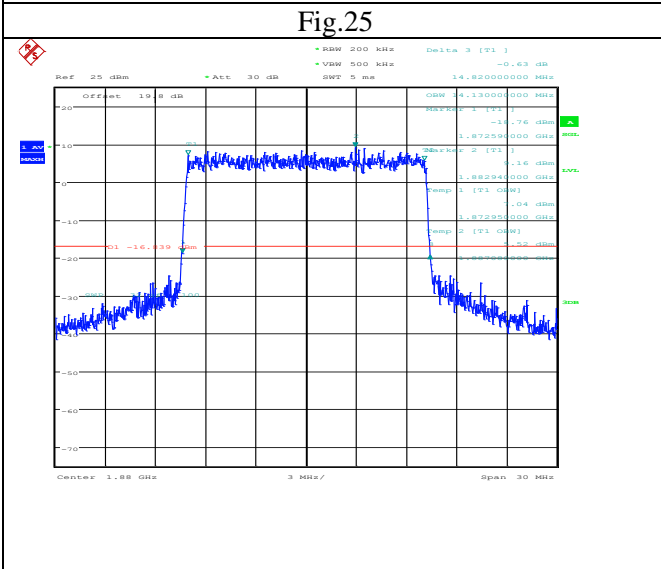
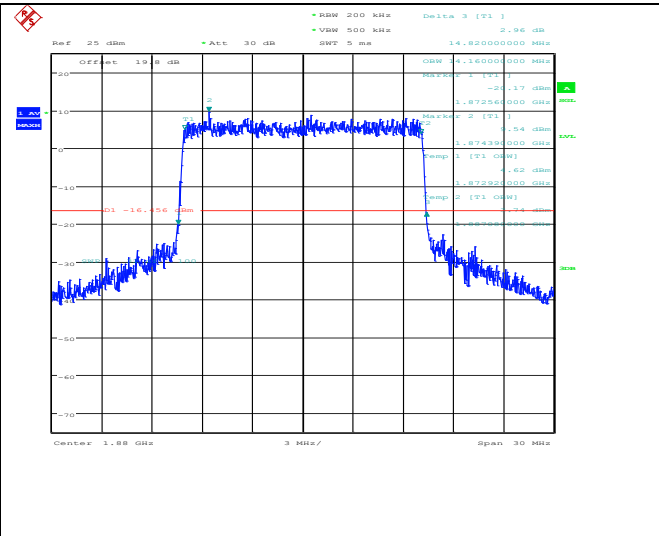
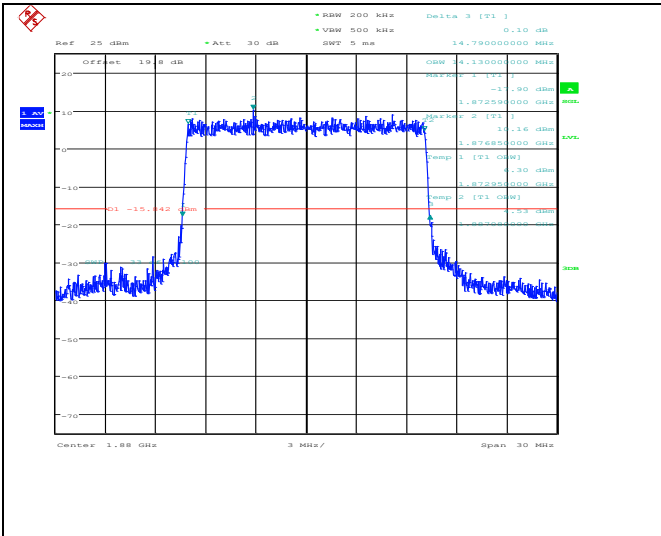


Fig.24



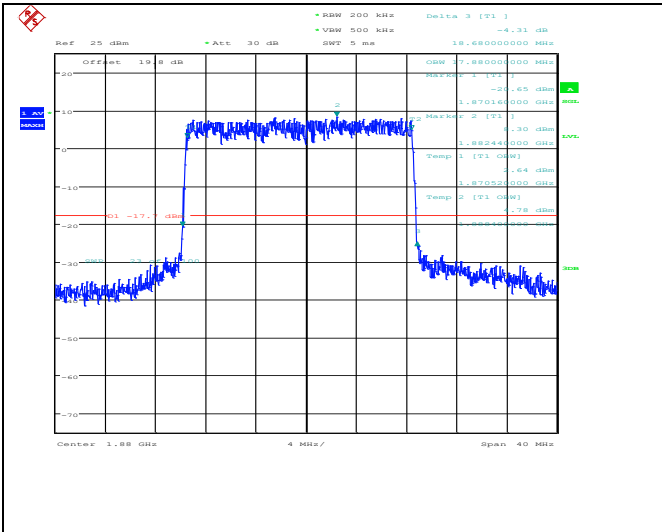


Fig.31

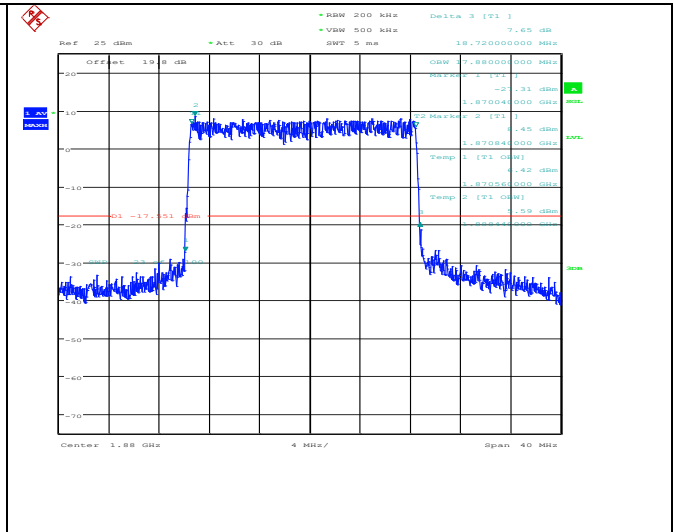


Fig.32

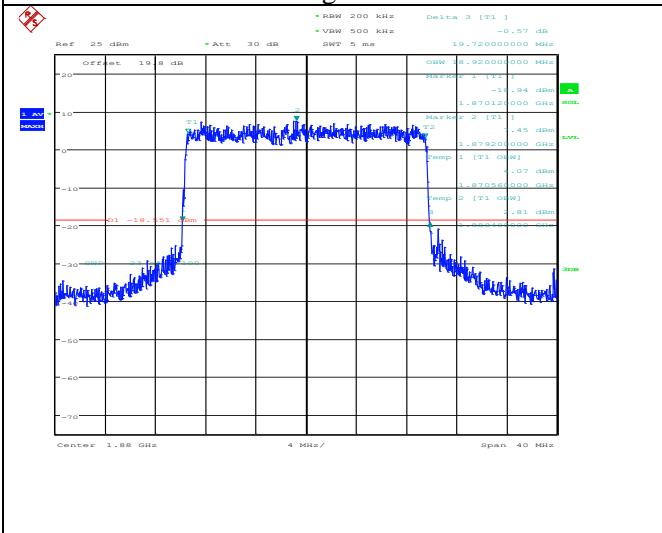


Fig.33

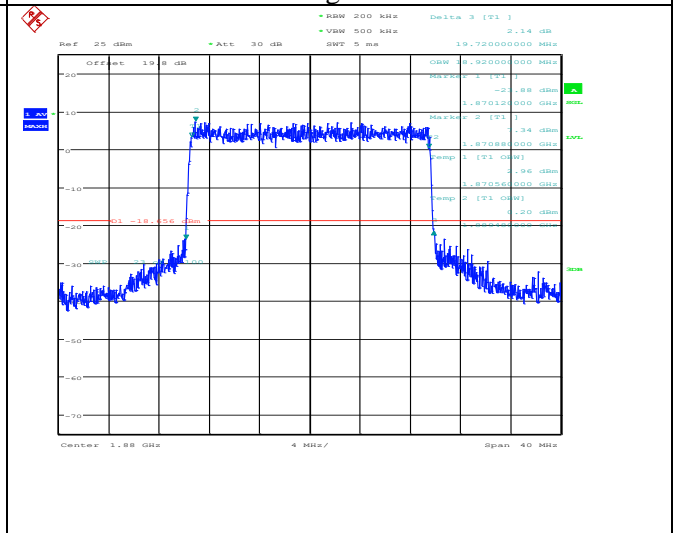


Fig.34

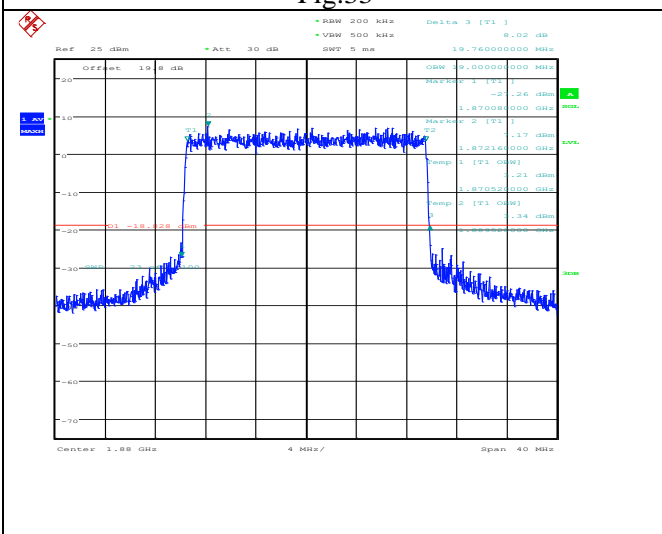


Fig.35

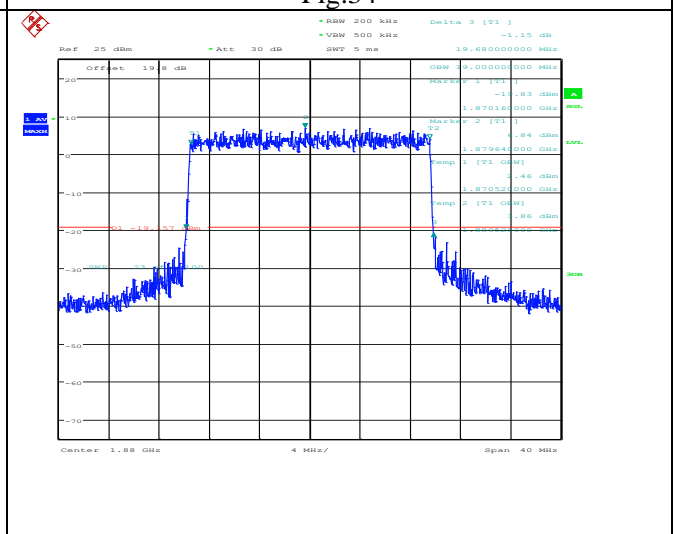


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	SCS	RB Config	DFT-PI2BPSK	CP-QPSK
N2	1880	18900	20	15kHz	Outer_Full	Fig.1	Fig.2

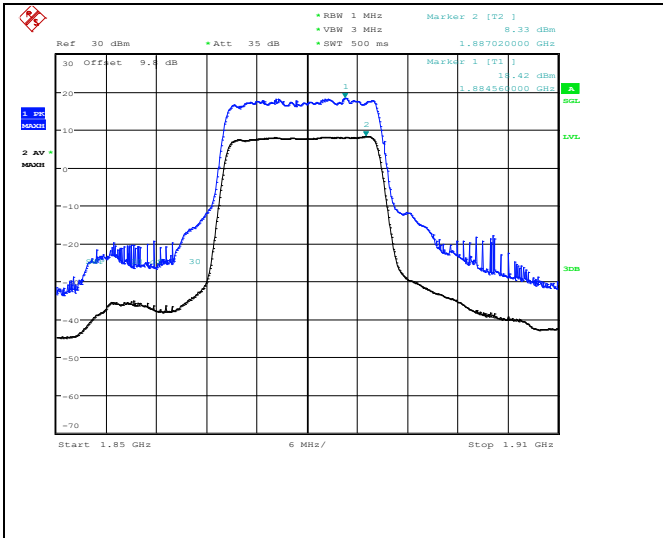


Fig.1

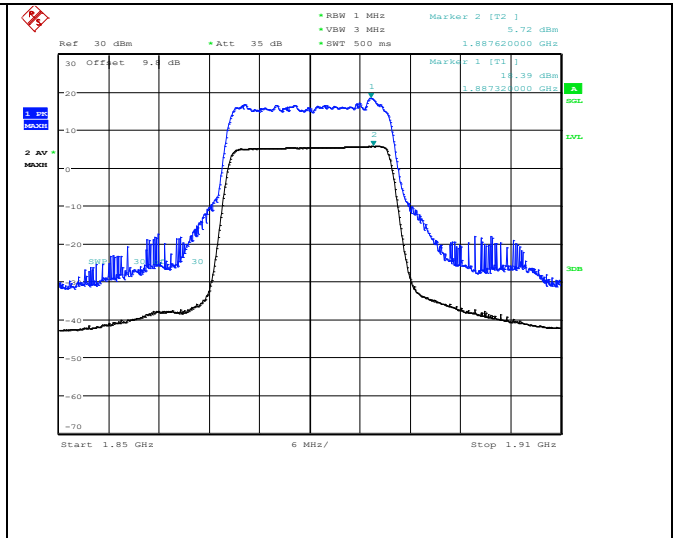
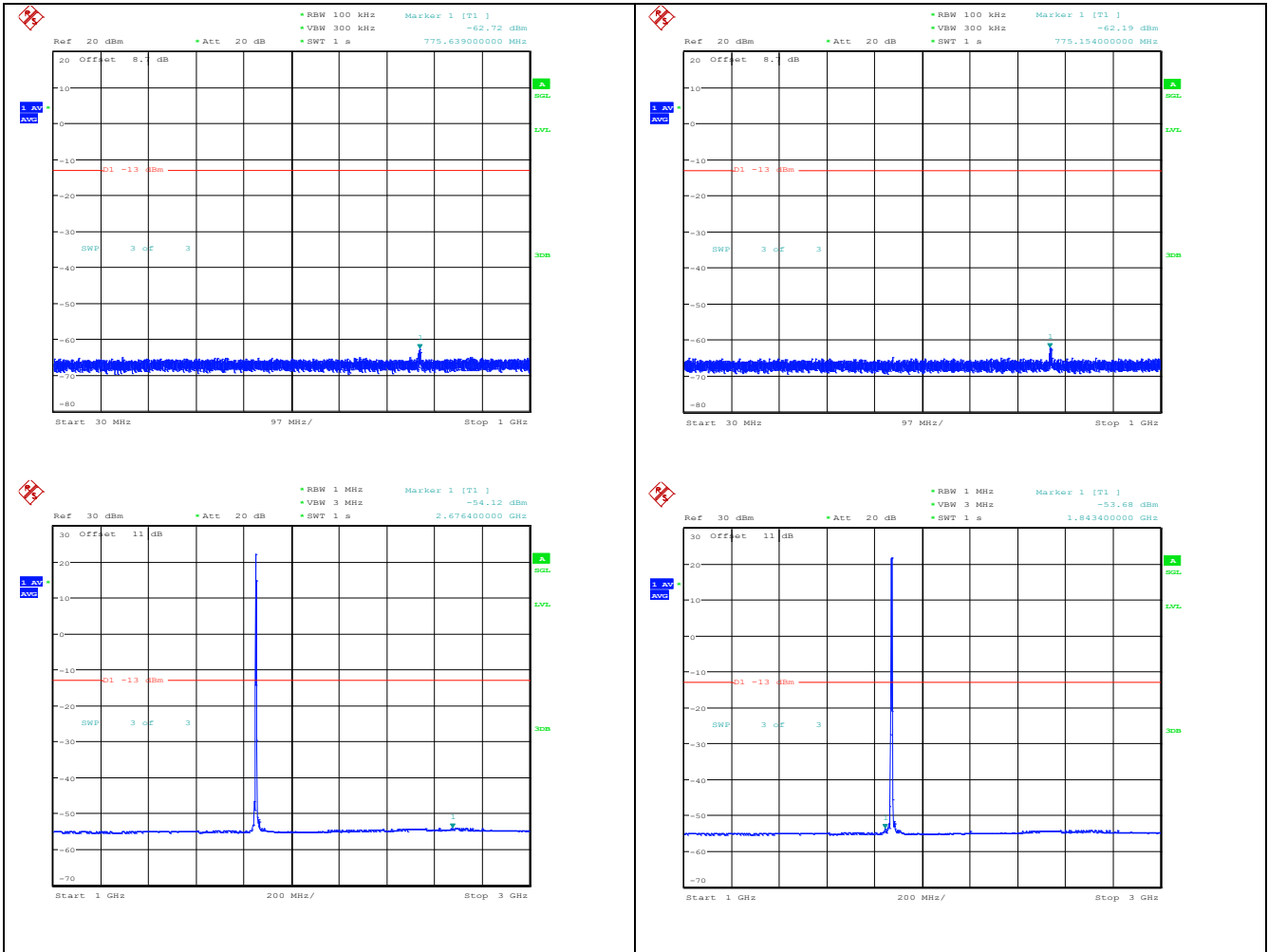
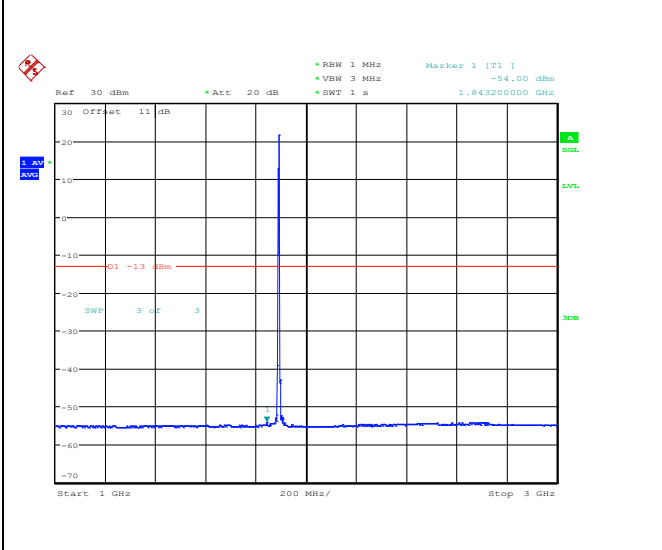
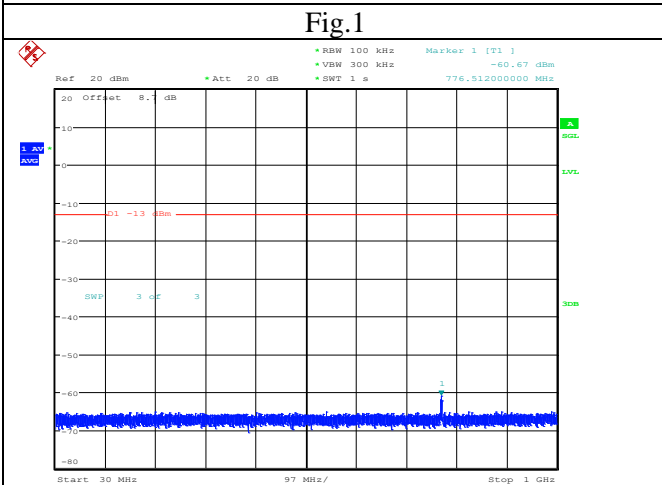
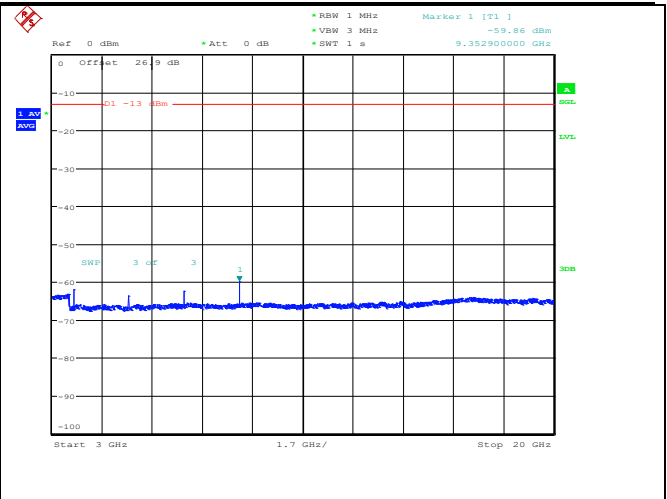
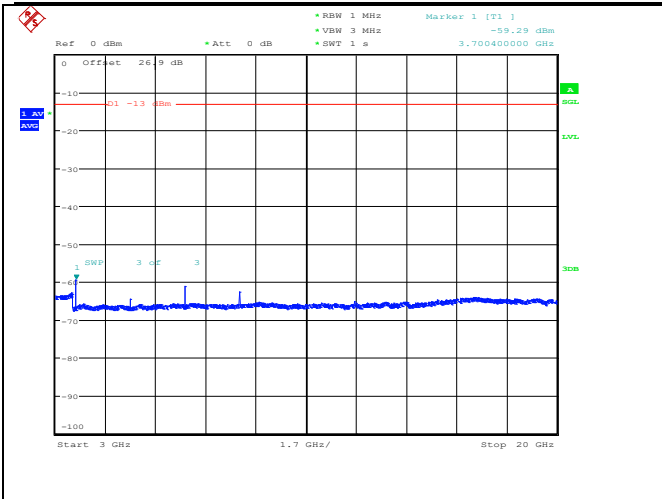


Fig.2

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	SCS	RB Size	RB Offset	Conducted Spurious Plot
							DFT-PI2BPS K
N2	1860	18700	20	15kHz	1	0	Fig.1
	1880	18900					Fig.2
	1900	19100					Fig.3





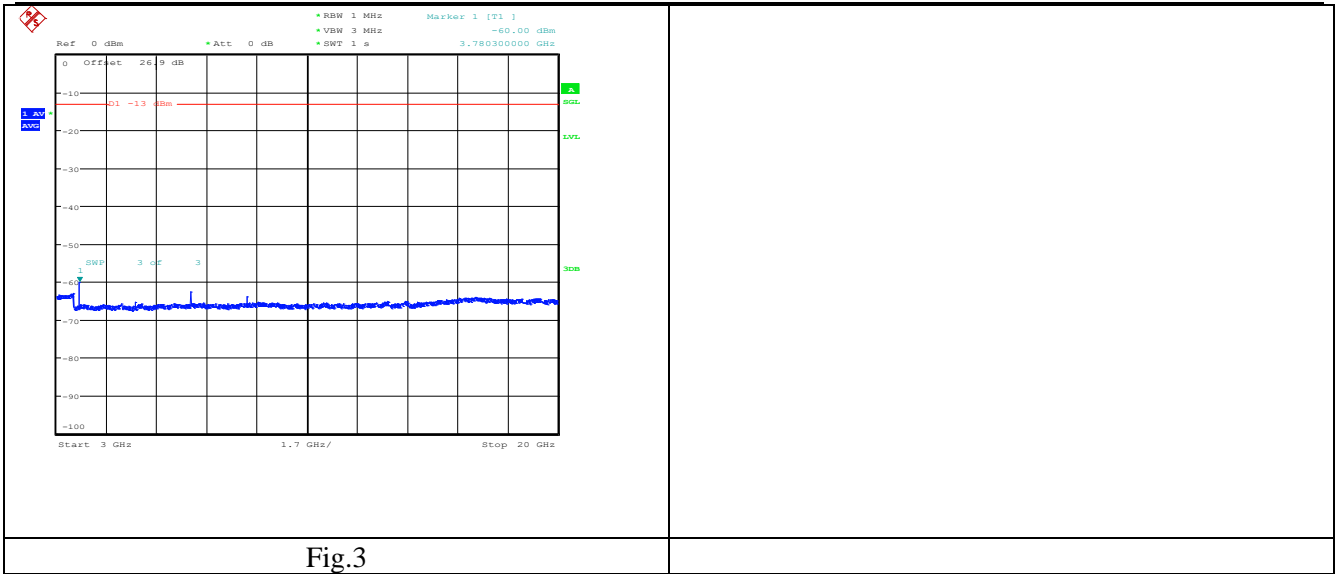


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	SCS	RB Config	Band Edges Plot	
						DFT-PI2BPSK	CP-QPSK
N2	1852.5	370500	5	15kHz	1RB_Left	Fig.1	Fig.5
					Outer_Full	Fig.2	Fig.6
	1907.5	381500			1RB_Right	Fig.3	Fig.7
					Outer_Full	Fig.4	Fig.8
	1855	371000	10		1RB_Left	Fig.9	Fig.13
					Outer_Full	Fig.10	Fig.14
	1905	381000			1RB_Right	Fig.11	Fig.15
					Outer_Full	Fig.12	Fig.16
	1857.5	371500	15		1RB_Left	Fig.17	Fig.21
					Outer_Full	Fig.18	Fig.22
	1902.5	380500			1RB_Right	Fig.19	Fig.23
					Outer_Full	Fig.20	Fig.24
	1860	372000	20		1RB_Left	Fig.25	Fig.29
					Outer_Full	Fig.26	Fig.30
1900	380000	1RB_Right		Fig.27	Fig.31		
		Outer_Full		Fig.28	Fig.32		

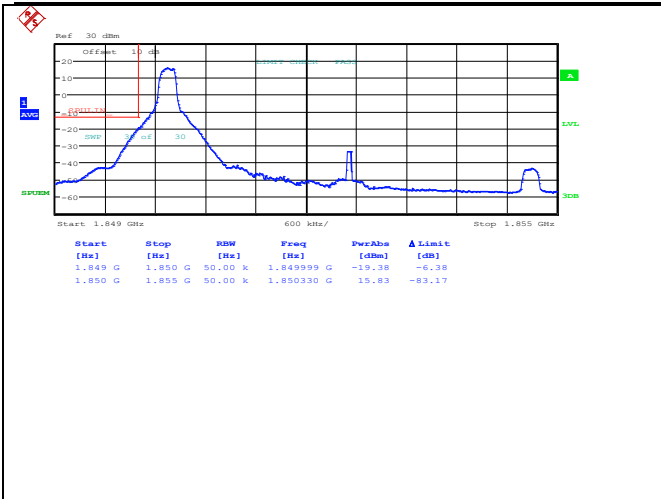


Fig.1

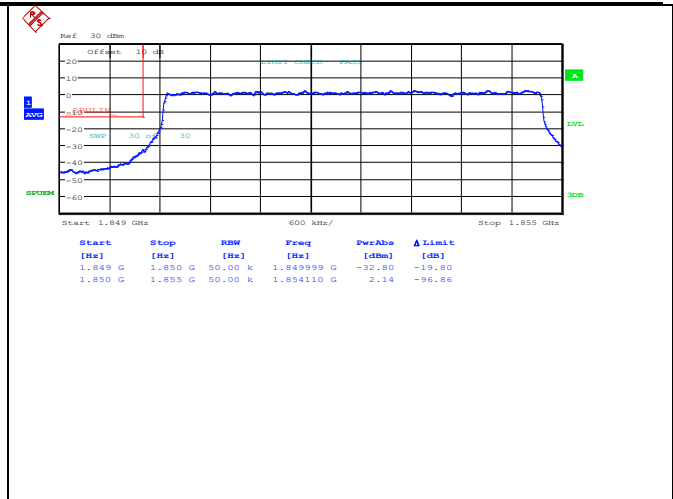


Fig.2

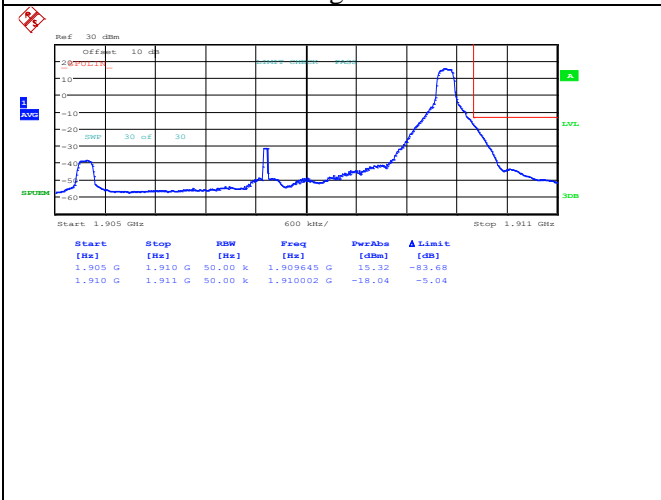


Fig.3

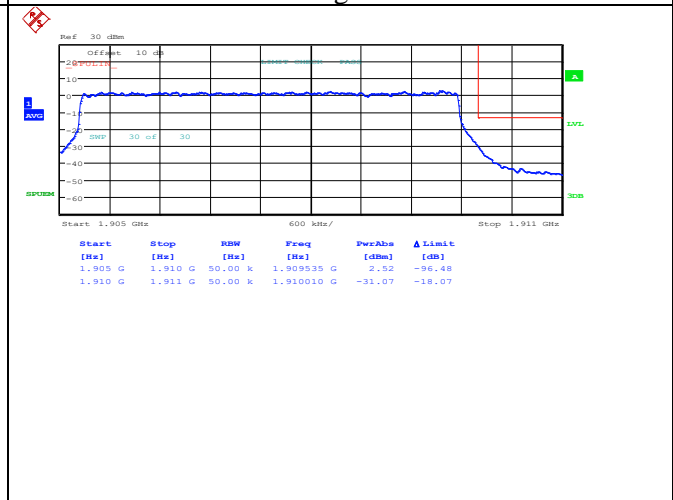


Fig.4

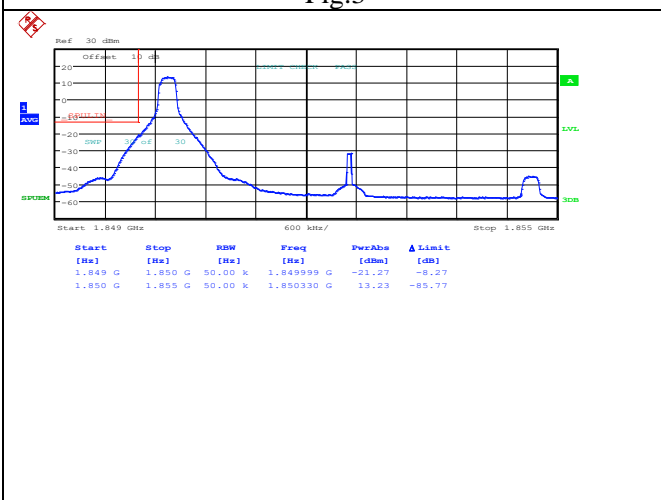


Fig.5

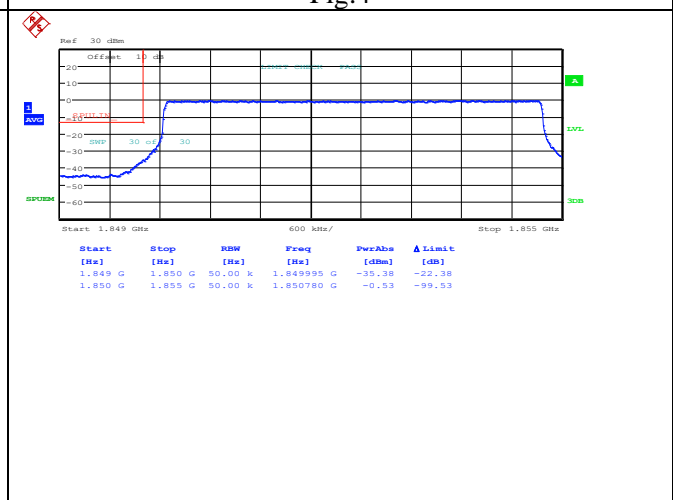


Fig.6

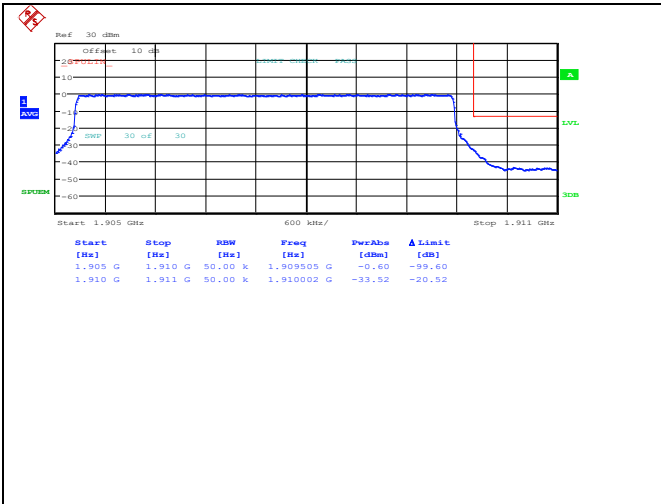


Fig.7

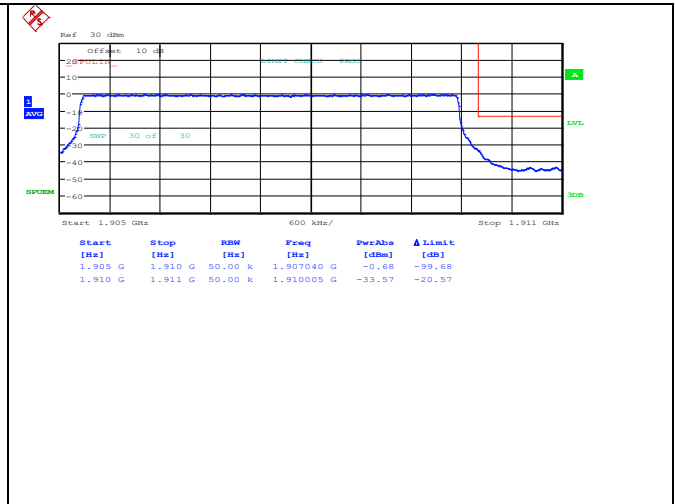


Fig.8

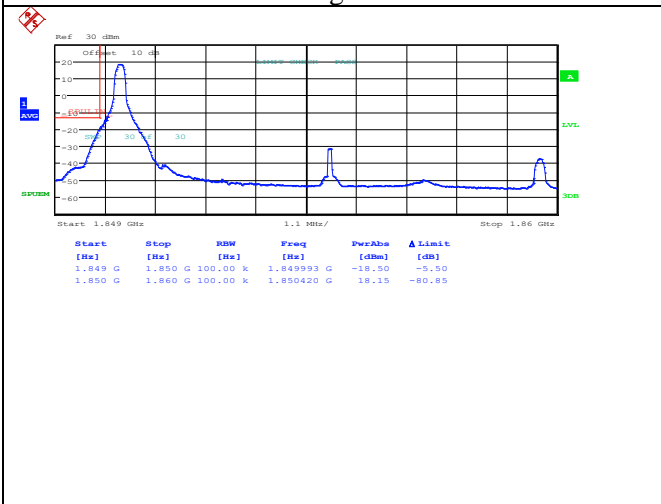


Fig.9

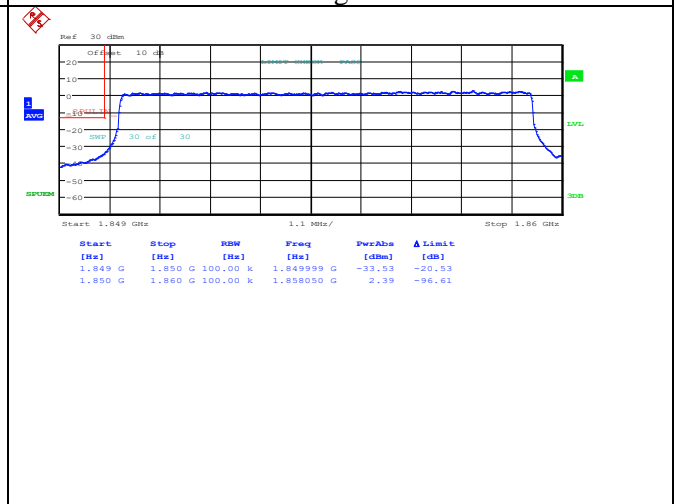


Fig.10

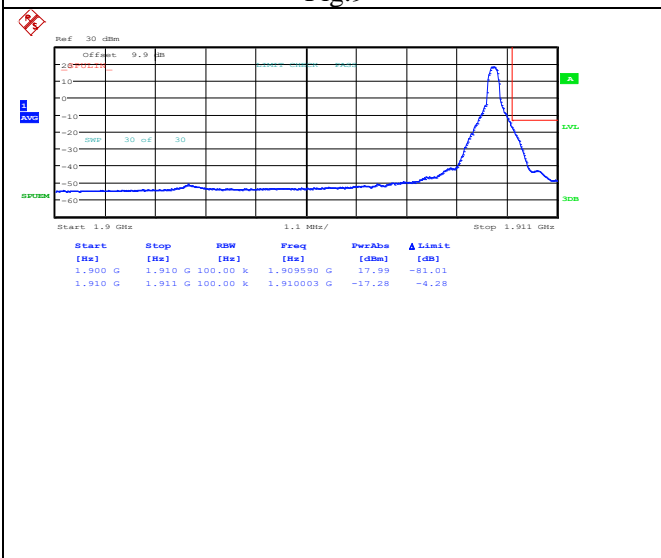


Fig.11

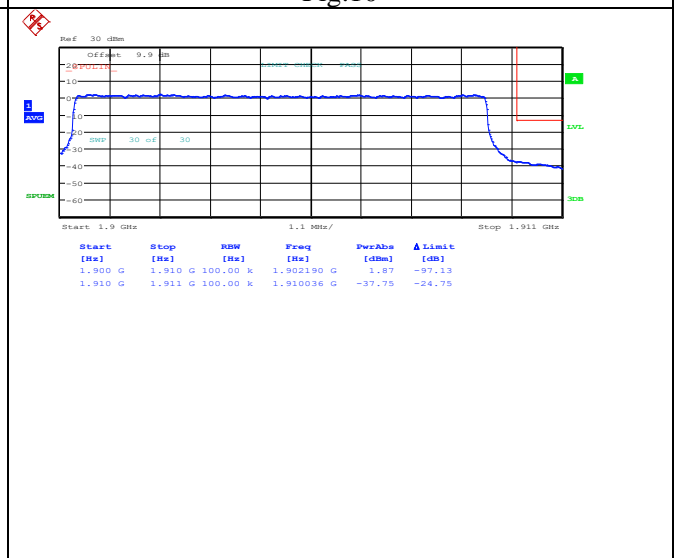


Fig.12

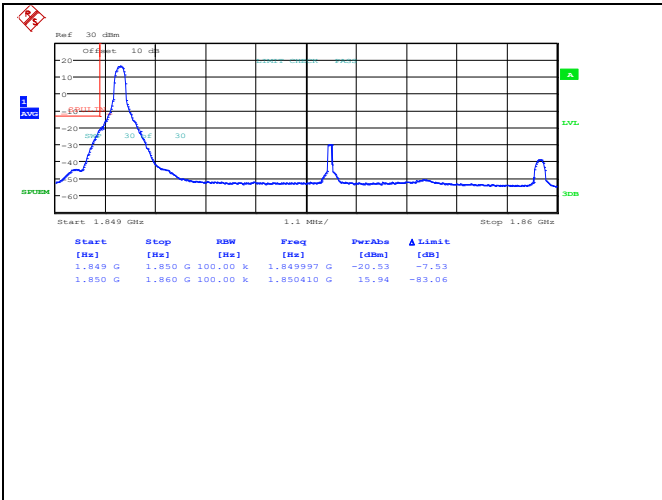


Fig.13

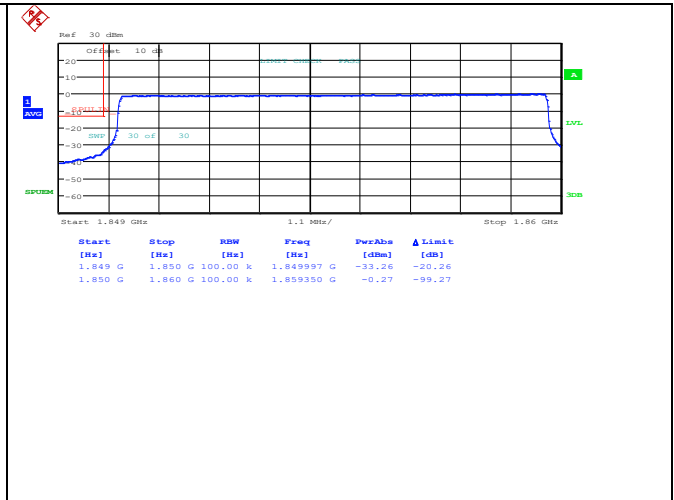


Fig.14

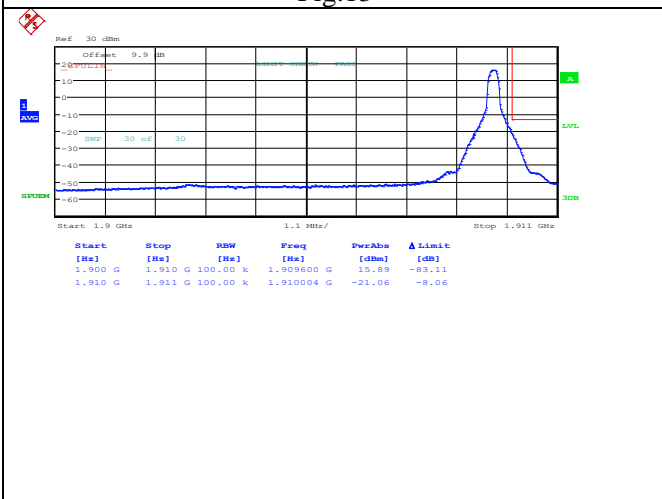


Fig.15

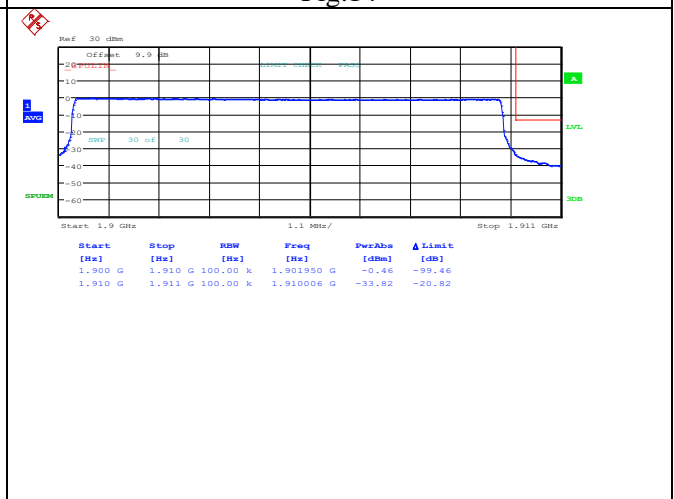


Fig.16

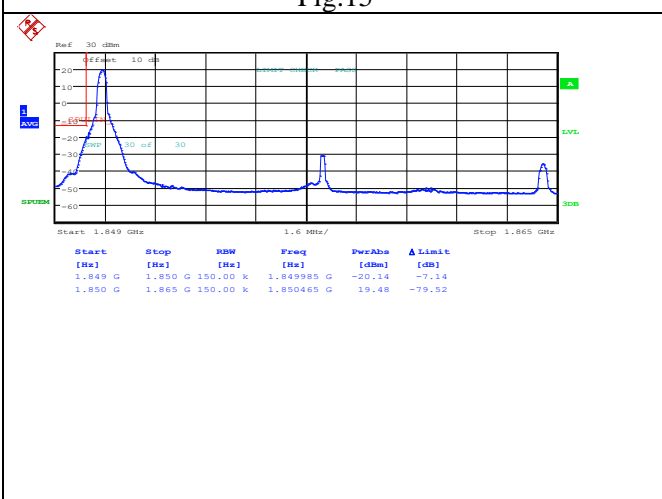


Fig.17

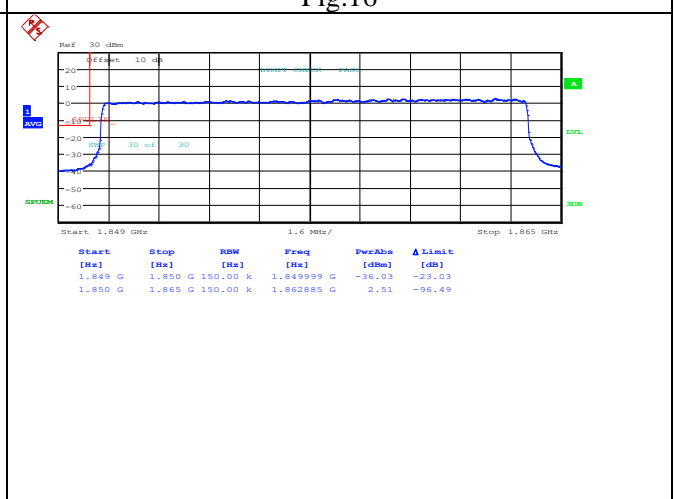


Fig.18

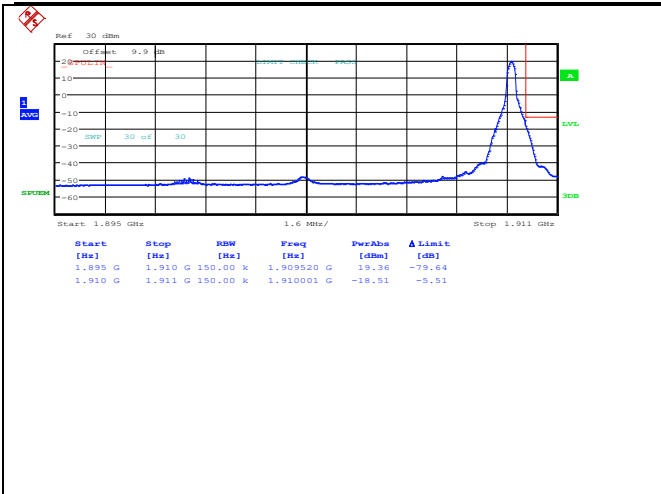


Fig.19



Fig.20

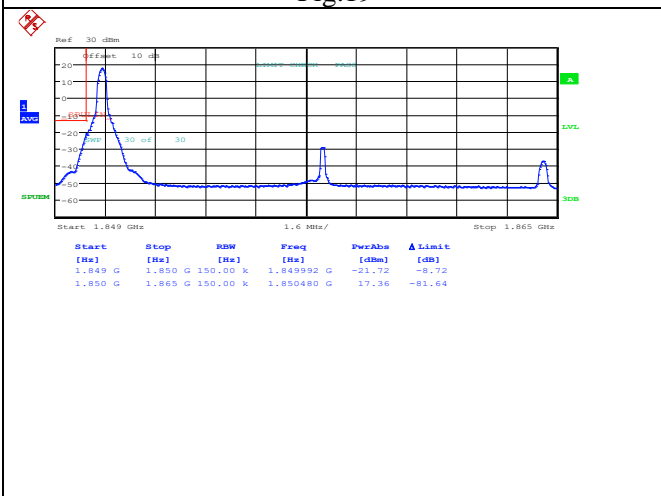


Fig.21

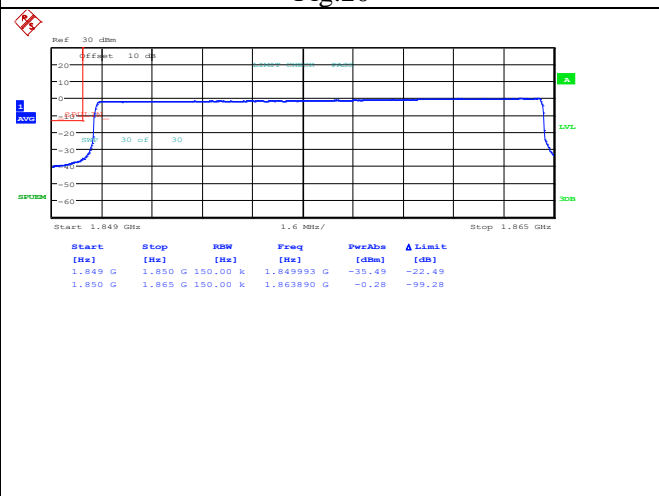


Fig.22

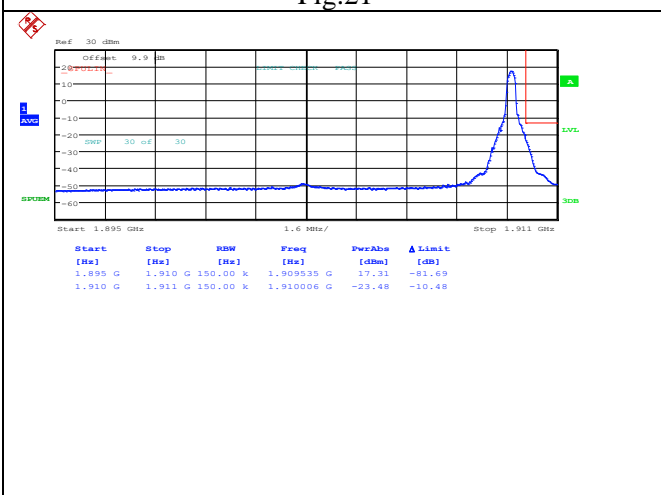


Fig.23

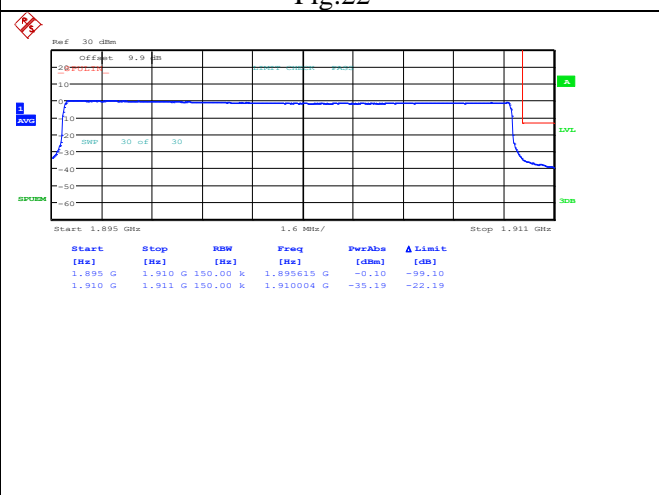


Fig.24

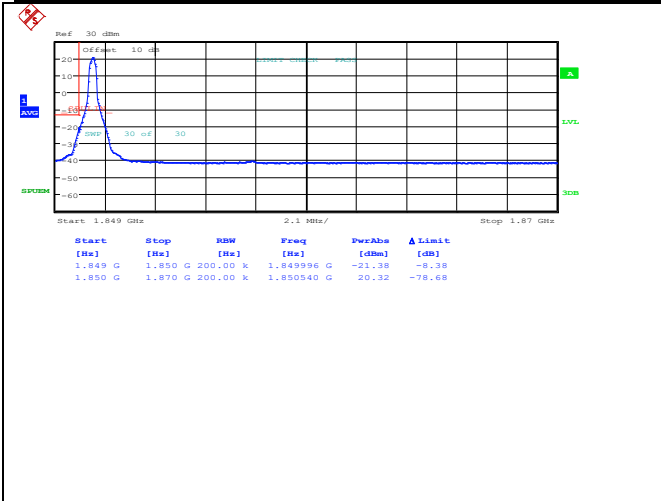


Fig.25



Fig.26

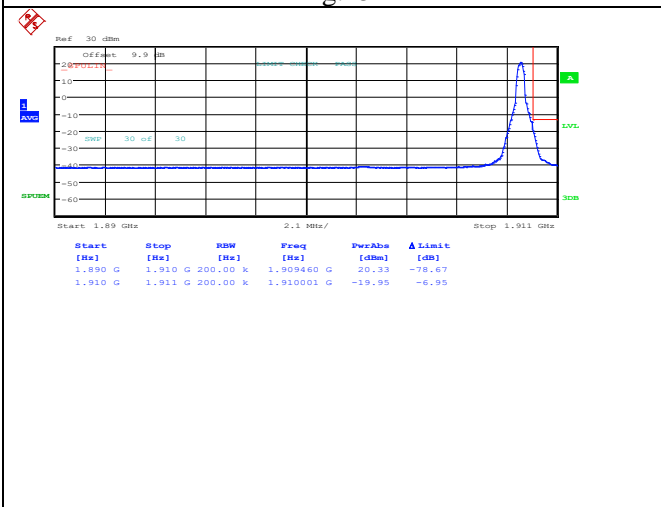


Fig.27

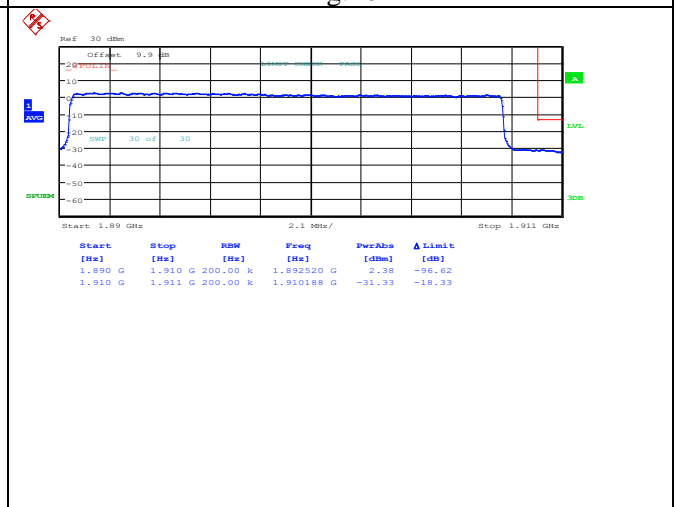


Fig.28

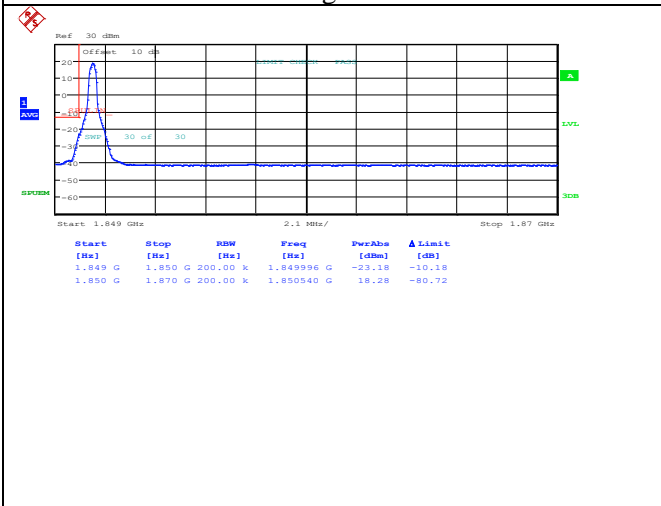


Fig.29

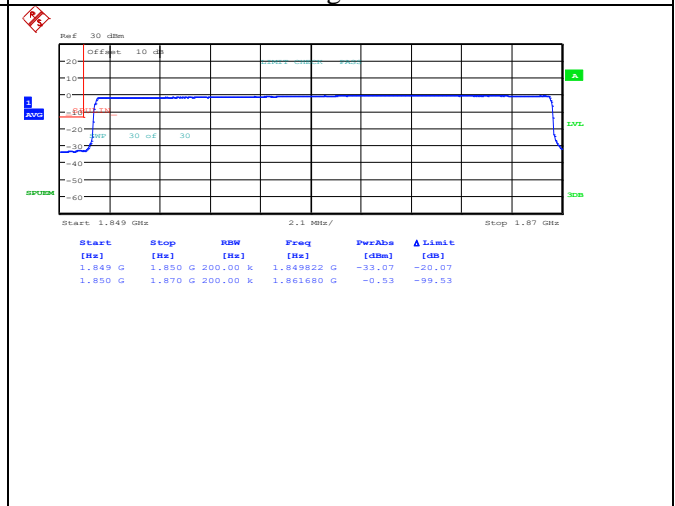


Fig.30

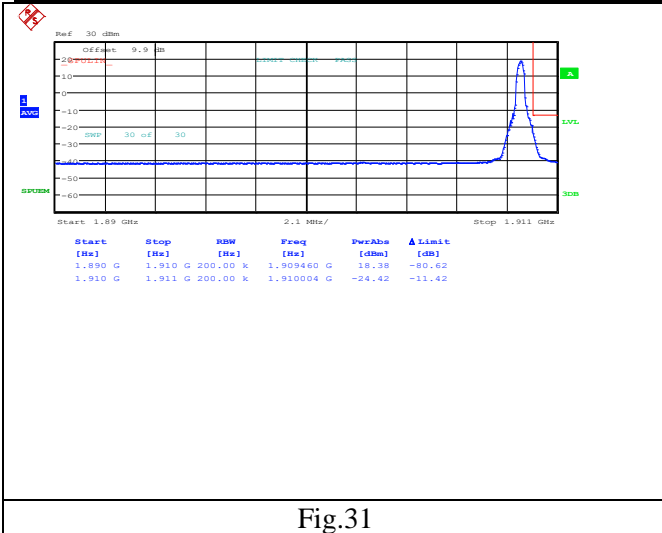


Fig.31

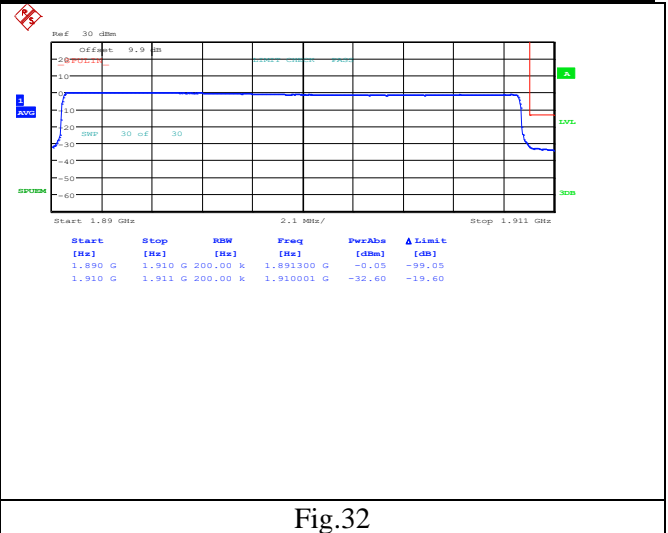


Fig.32

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) N2 Low Channel DFT-PI2BPSK			
		5M	10M	15M	20M
-30	NV	---	---	---	0.00
-20	NV	---	---	---	0.00
-10	NV	---	---	---	0.00
0	NV	---	---	---	0.00
+10	NV	---	---	---	0.00
+20	NV	---	---	---	0.00
+30	NV	---	---	---	0.00
+40	NV	---	---	---	0.00
+50	NV	---	---	---	0.00
+20	LV	---	---	---	0.00
+20	HV	---	---	---	0.00

Temperature(°C)	Voltage	Test Result (ppm) N2 High Channel DFT-PI2BPSK			
		5M	10M	15M	20M
-30	NV	---	---	---	0.00
-20	NV	---	---	---	0.00
-10	NV	---	---	---	0.00
0	NV	---	---	---	0.00
+10	NV	---	---	---	0.00
+20	NV	---	---	---	0.01
+30	NV	---	---	---	0.00
+40	NV	---	---	---	0.00
+50	NV	---	---	---	0.00
+20	LV	---	---	---	0.00
+20	HV	---	---	---	0.00

8 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	1852.5	370500	5	15kHz	Inner_1RB_Left	23.48	20.98	0.125
					Inner_1RB_Right	23.38	20.88	0.122
					Inner_Full	23.51	21.01	0.126
	1880	376000			Inner_1RB_Left	23.56	21.06	0.128
					Inner_1RB_Right	23.41	20.91	0.123
					Inner_Full	23.58	21.08	0.128
	1907.5	381500			Inner_1RB_Left	23.41	20.91	0.123
					Inner_1RB_Right	23.26	20.76	0.119
					Inner_Full	23.45	20.95	0.124
DFT-QPSK	1852.5	370500	5	15kHz	Inner_1RB_Left	23.58	21.08	0.128
					Inner_1RB_Right	23.37	20.87	0.122
					Inner_Full	23.51	21.01	0.126
	1880	376000			Inner_1RB_Left	23.70	21.2	0.132
					Inner_1RB_Right	23.50	21	0.126
					Inner_Full	23.53	21.03	0.127
	1907.5	381500			Inner_1RB_Left	23.40	20.9	0.123
					Inner_1RB_Right	23.28	20.78	0.120
					Inner_Full	23.28	20.78	0.120
DFT-16QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	22.68	20.18	0.104
					Inner_1RB_Right	22.59	20.09	0.102
					Inner_Full	22.63	20.13	0.103
	1880	376000			Inner_1RB_Left	22.36	19.86	0.097
					Inner_1RB_Right	22.29	19.79	0.095
					Inner_Full	22.64	20.14	0.103
	1907.5	381500			Inner_1RB_Left	22.04	19.54	0.090
					Inner_1RB_Right	21.94	19.44	0.088
					Inner_Full	22.50	20	0.100
DFT-64QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	20.94	18.44	0.070
					Inner_1RB_Right	20.79	18.29	0.067
					Inner_Full	21.11	18.61	0.073
	1880	376000			Inner_1RB_Left	20.81	18.31	0.068
					Inner_1RB_Right	20.81	18.31	0.068
					Inner_Full	21.16	18.66	0.073
	1907.5	381500			Inner_1RB_Left	20.73	18.23	0.067
					Inner_1RB_Right	20.56	18.06	0.064
					Inner_Full	21.00	18.5	0.071
DFT-256QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	18.94	16.44	0.044
					Inner_1RB_Right	18.89	16.39	0.044
					Inner_Full	19.02	16.52	0.045
	1880	376000			Inner_1RB_Left	18.75	16.25	0.042
					Inner_1RB_Right	18.64	16.14	0.041
					Inner_Full	20.66	18.16	0.065
	1907.5	381500			Inner_1RB_Left	18.50	16	0.040
					Inner_1RB_Right	18.41	15.91	0.039
					Inner_Full	20.54	18.04	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
CP-QPSK	1852.5	370500	5	15kHz	Inner_1RB_Left	22.05	19.55	0.090
					Inner_1RB_Right	21.94	19.44	0.088
					Inner_Full	22.06	19.56	0.090
	1880	376000			Inner_1RB_Left	22.11	19.61	0.091
					Inner_1RB_Right	22.00	19.5	0.089
					Inner_Full	22.08	19.58	0.091
	1907.5	381500			Inner_1RB_Left	19.99	17.49	0.056
					Inner_1RB_Right	21.68	19.18	0.083
					Inner_Full	17.06	14.56	0.029
CP-16QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	21.76	19.26	0.084
					Inner_1RB_Right	21.64	19.14	0.082
					Inner_Full	21.68	19.18	0.083
	1880	376000			Inner_1RB_Left	21.59	19.09	0.081
					Inner_1RB_Right	21.21	18.71	0.074
					Inner_Full	21.59	19.09	0.081
	1907.5	381500			Inner_1RB_Left	21.20	18.7	0.074
					Inner_1RB_Right	21.09	18.59	0.072
					Inner_Full	21.42	18.92	0.078
CP-64QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	19.78	17.28	0.053
					Inner_1RB_Right	19.65	17.15	0.052
					Inner_Full	20.12	17.62	0.058
	1880	376000			Inner_1RB_Left	19.96	17.46	0.056
					Inner_1RB_Right	19.82	17.32	0.054
					Inner_Full	20.15	17.65	0.058
	1907.5	381500			Inner_1RB_Left	19.96	17.46	0.056
					Inner_1RB_Right	19.69	17.19	0.052
					Inner_Full	19.96	17.46	0.056
CP-256QAM	1852.5	370500	5	15kHz	Inner_1RB_Left	16.98	14.48	0.028
					Inner_1RB_Right	16.83	14.33	0.027
					Inner_Full	16.98	14.48	0.028
	1880	376000			Inner_1RB_Left	16.76	14.26	0.027
					Inner_1RB_Right	16.63	14.13	0.026
					Inner_Full	19.79	17.29	0.054
	1907.5	381500			Inner_1RB_Left	16.62	14.12	0.026
					Inner_1RB_Right	16.43	13.93	0.025
					Inner_Full	19.50	17	0.050

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	1855	371000	10	15kHz	Inner_1RB_Left	23.49	20.99	0.126
					Inner_1RB_Right	23.47	20.97	0.125
					Inner_Full	23.61	21.11	0.129
	1880	376000			Inner_1RB_Left	23.52	21.02	0.126
					Inner_1RB_Right	23.41	20.91	0.123
					Inner_Full	23.55	21.05	0.127
	1905	381000			Inner_1RB_Left	23.46	20.96	0.125
					Inner_1RB_Right	23.29	20.79	0.120
					Inner_Full	23.46	20.96	0.125
DFT-QPSK	1855	371000	Inner_1RB_Left	23.55	21.05	0.127		
			Inner_1RB_Right	23.52	21.02	0.126		
			Inner_Full	23.56	21.06	0.128		
	1880	376000	Inner_1RB_Left	23.58	21.08	0.128		
			Inner_1RB_Right	23.47	20.97	0.125		
			Inner_Full	23.48	20.98	0.125		
	1905	381000	Inner_1RB_Left	23.46	20.96	0.125		
			Inner_1RB_Right	23.40	20.9	0.123		
			Inner_Full	23.33	20.83	0.121		
DFT-16QAM	1855	371000	Inner_1RB_Left	22.20	19.7	0.093		
			Inner_1RB_Right	22.19	19.69	0.093		
			Inner_Full	22.60	20.1	0.102		
	1880	376000	Inner_1RB_Left	22.16	19.66	0.092		
			Inner_1RB_Right	22.09	19.59	0.091		
			Inner_Full	22.53	20.03	0.101		
	1905	381000	Inner_1RB_Left	22.08	19.58	0.091		
			Inner_1RB_Right	22.00	19.5	0.089		
			Inner_Full	22.44	19.94	0.099		
DFT-64QAM	1855	371000	Inner_1RB_Left	20.84	18.34	0.068		
			Inner_1RB_Right	20.77	18.27	0.067		
			Inner_Full	21.14	18.64	0.073		
	1880	376000	Inner_1RB_Left	20.86	18.36	0.069		
			Inner_1RB_Right	20.75	18.25	0.067		
			Inner_Full	21.14	18.64	0.073		
	1905	381000	Inner_1RB_Left	20.72	18.22	0.066		
			Inner_1RB_Right	20.60	18.1	0.065		
			Inner_Full	21.04	18.54	0.071		
DFT-256QAM	1855	371000	Inner_1RB_Left	18.85	16.35	0.043		
			Inner_1RB_Right	18.81	16.31	0.043		
			Inner_Full	20.63	18.13	0.065		
	1880	376000	Inner_1RB_Left	18.71	16.21	0.042		
			Inner_1RB_Right	18.63	16.13	0.041		
			Inner_Full	20.61	18.11	0.065		
	1905	381000	Inner_1RB_Left	18.74	16.24	0.042		
			Inner_1RB_Right	18.61	16.11	0.041		
			Inner_Full	20.49	17.99	0.063		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
CP-QPSK	1855	371000	10	15kHz	Inner_1RB_Left	22.13	19.63	0.092
					Inner_1RB_Right	21.92	19.42	0.087
					Inner_Full	22.09	19.59	0.091
	1880	376000			Inner_1RB_Left	20.16	17.66	0.058
					Inner_1RB_Right	21.75	19.25	0.084
					Inner_Full	17.06	14.56	0.029
	1905	381000			Inner_1RB_Left	21.98	19.48	0.089
					Inner_1RB_Right	21.68	19.18	0.083
					Inner_Full	21.99	19.49	0.089
CP-16QAM	1855	371000			Inner_1RB_Left	21.34	18.84	0.077
					Inner_1RB_Right	21.26	18.76	0.075
					Inner_Full	21.65	19.15	0.082
	1880	376000			Inner_1RB_Left	21.32	18.82	0.076
					Inner_1RB_Right	21.19	18.69	0.074
					Inner_Full	21.66	19.16	0.082
	1905	381000			Inner_1RB_Left	21.28	18.78	0.076
					Inner_1RB_Right	21.09	18.59	0.072
					Inner_Full	21.56	19.06	0.081
CP-64QAM	1855	371000			Inner_1RB_Left	20.02	17.52	0.056
					Inner_1RB_Right	19.97	17.47	0.056
					Inner_Full	20.17	17.67	0.058
	1880	376000			Inner_1RB_Left	19.96	17.46	0.056
					Inner_1RB_Right	19.97	17.47	0.056
					Inner_Full	20.14	17.64	0.058
	1905	381000			Inner_1RB_Left	19.91	17.41	0.055
					Inner_1RB_Right	19.83	17.33	0.054
					Inner_Full	20.00	17.5	0.056
CP-256QAM	1855	371000	Inner_1RB_Left	16.76	14.26	0.027		
			Inner_1RB_Right	16.66	14.16	0.026		
			Inner_Full	19.74	17.24	0.053		
	1880	376000	Inner_1RB_Left	16.76	14.26	0.027		
			Inner_1RB_Right	16.65	14.15	0.026		
			Inner_Full	19.83	17.33	0.054		
	1905	381000	Inner_1RB_Left	16.69	14.19	0.026		
			Inner_1RB_Right	16.46	13.96	0.025		
			Inner_Full	19.59	17.09	0.051		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	1857.5	371500	15	15kHz	Inner_1RB_Left	23.43	20.93	0.124
					Inner_1RB_Right	23.42	20.92	0.124
					Inner_Full	23.46	20.96	0.125
	1880	376000			Inner_1RB_Left	23.35	20.85	0.122
					Inner_1RB_Right	23.34	20.84	0.121
					Inner_Full	23.44	20.94	0.124
	1902.5	380500			Inner_1RB_Left	23.25	20.75	0.119
					Inner_1RB_Right	23.17	20.67	0.117
					Inner_Full	23.31	20.81	0.121
DFT-QPSK	1857.5	371500	Inner_1RB_Left	23.47	20.97	0.125		
			Inner_1RB_Right	23.42	20.92	0.124		
			Inner_Full	23.44	20.94	0.124		
	1880	376000	Inner_1RB_Left	23.41	20.91	0.123		
			Inner_1RB_Right	23.41	20.91	0.123		
			Inner_Full	23.40	20.9	0.123		
	1902.5	380500	Inner_1RB_Left	23.30	20.8	0.120		
			Inner_1RB_Right	23.20	20.7	0.117		
			Inner_Full	23.20	20.7	0.117		
DFT-16QAM	1857.5	371500	Inner_1RB_Left	22.10	19.6	0.091		
			Inner_1RB_Right	22.12	19.62	0.092		
			Inner_Full	22.43	19.93	0.098		
	1880	376000	Inner_1RB_Left	22.03	19.53	0.090		
			Inner_1RB_Right	22.03	19.53	0.090		
			Inner_Full	22.38	19.88	0.097		
	1902.5	380500	Inner_1RB_Left	21.96	19.46	0.088		
			Inner_1RB_Right	21.81	19.31	0.085		
			Inner_Full	22.25	19.75	0.094		
DFT-64QAM	1857.5	371500	Inner_1RB_Left	20.71	18.21	0.066		
			Inner_1RB_Right	20.67	18.17	0.066		
			Inner_Full	20.98	18.48	0.070		
	1880	376000	Inner_1RB_Left	20.71	18.21	0.066		
			Inner_1RB_Right	20.64	18.14	0.065		
			Inner_Full	20.97	18.47	0.070		
	1902.5	380500	Inner_1RB_Left	20.61	18.11	0.065		
			Inner_1RB_Right	20.53	18.03	0.064		
			Inner_Full	20.83	18.33	0.068		
DFT-256QAM	1857.5	371500	Inner_1RB_Left	18.70	16.2	0.042		
			Inner_1RB_Right	18.77	16.27	0.042		
			Inner_Full	20.59	18.09	0.064		
	1880	376000	Inner_1RB_Left	18.70	16.2	0.042		
			Inner_1RB_Right	18.67	16.17	0.041		
			Inner_Full	20.52	18.02	0.063		
	1902.5	380500	Inner_1RB_Left	18.64	16.14	0.041		
			Inner_1RB_Right	18.45	15.95	0.039		
			Inner_Full	20.34	17.84	0.061		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
CP-QPSK	1857.5	371500	15	15kHz	Inner_1RB_Left	21.92	19.42	0.087
					Inner_1RB_Right	21.63	19.13	0.082
					Inner_Full	21.98	19.48	0.089
	1880	376000			Inner_1RB_Left	21.90	19.4	0.087
					Inner_1RB_Right	21.71	19.21	0.083
					Inner_Full	21.96	19.46	0.088
	1902.5	380500			Inner_1RB_Left	21.76	19.26	0.084
					Inner_1RB_Right	21.46	18.96	0.079
					Inner_Full	21.87	19.37	0.086
CP-16QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	21.21	18.71	0.074
					Inner_1RB_Right	21.11	18.61	0.073
					Inner_Full	21.50	19	0.079
	1880	376000			Inner_1RB_Left	21.24	18.74	0.075
					Inner_1RB_Right	21.01	18.51	0.071
					Inner_Full	21.46	18.96	0.079
	1902.5	380500			Inner_1RB_Left	21.18	18.68	0.074
					Inner_1RB_Right	20.85	18.35	0.068
					Inner_Full	21.31	18.81	0.076
CP-64QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	19.94	17.44	0.055
					Inner_1RB_Right	19.72	17.22	0.053
					Inner_Full	20.07	17.57	0.057
	1880	376000			Inner_1RB_Left	19.83	17.33	0.054
					Inner_1RB_Right	19.84	17.34	0.054
					Inner_Full	20.01	17.51	0.056
	1902.5	380500			Inner_1RB_Left	19.74	17.24	0.053
					Inner_1RB_Right	19.62	17.12	0.052
					Inner_Full	19.93	17.43	0.055
CP-256QAM	1857.5	371500	15	15kHz	Inner_1RB_Left	16.63	14.13	0.026
					Inner_1RB_Right	16.51	14.01	0.025
					Inner_Full	19.48	16.98	0.050
	1880	376000			Inner_1RB_Left	16.67	14.17	0.026
					Inner_1RB_Right	16.61	14.11	0.026
					Inner_Full	19.66	17.16	0.052
	1902.5	380500			Inner_1RB_Left	16.56	14.06	0.025
					Inner_1RB_Right	16.39	13.89	0.024
					Inner_Full	19.40	16.9	0.049

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	1860	372000	20	15kHz	Inner_1RB_Left	23.34	20.84	0.121
					Inner_1RB_Right	23.38	20.88	0.122
					Inner_Full	23.48	20.98	0.125
	1880	376000			Inner_1RB_Left	23.33	20.83	0.121
					Inner_1RB_Right	23.33	20.83	0.121
					Inner_Full	23.49	20.99	0.126
	1900	380000			Inner_1RB_Left	23.33	20.83	0.121
					Inner_1RB_Right	23.14	20.64	0.116
					Inner_Full	23.38	20.88	0.122
DFT-QPSK	1860	372000	20	15kHz	Inner_1RB_Left	23.39	20.89	0.123
					Inner_1RB_Right	23.39	20.89	0.123
					Inner_Full	23.43	20.93	0.124
	1880	376000			Inner_1RB_Left	23.43	20.93	0.124
					Inner_1RB_Right	23.35	20.85	0.122
					Inner_Full	23.39	20.89	0.123
	1900	380000			Inner_1RB_Left	23.37	20.87	0.122
					Inner_1RB_Right	23.25	20.75	0.119
					Inner_Full	23.19	20.69	0.117
DFT-16QAM	1860	372000	20	15kHz	Inner_1RB_Left	21.94	19.44	0.088
					Inner_1RB_Right	22.03	19.53	0.090
					Inner_Full	22.43	19.93	0.098
	1880	376000			Inner_1RB_Left	22.06	19.56	0.090
					Inner_1RB_Right	22.02	19.52	0.090
					Inner_Full	22.38	19.88	0.097
	1900	380000			Inner_1RB_Left	21.92	19.42	0.087
					Inner_1RB_Right	21.78	19.28	0.085
					Inner_Full	22.34	19.84	0.096
DFT-64QAM	1860	372000	20	15kHz	Inner_1RB_Left	20.34	17.84	0.061
					Inner_1RB_Right	19.87	17.37	0.055
					Inner_Full	21.02	18.52	0.071
	1880	376000			Inner_1RB_Left	20.51	18.01	0.063
					Inner_1RB_Right	21.21	18.71	0.074
					Inner_Full	21.04	18.54	0.071
	1900	380000			Inner_1RB_Left	21.09	18.59	0.072
					Inner_1RB_Right	20.72	18.22	0.066
					Inner_Full	20.93	18.43	0.070
DFT-256QAM	1860	372000	20	15kHz	Inner_1RB_Left	18.62	16.12	0.041
					Inner_1RB_Right	18.67	16.17	0.041
					Inner_Full	19.63	17.13	0.052
	1880	376000			Inner_1RB_Left	18.65	16.15	0.041
					Inner_1RB_Right	18.59	16.09	0.041
					Inner_Full	19.27	16.77	0.048
	1900	380000			Inner_1RB_Left	18.84	16.34	0.043
					Inner_1RB_Right	18.68	16.18	0.041
					Inner_Full	19.13	16.63	0.046

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
CP-QPSK	1860	372000	20	15kHz	Inner_1RB_Left	21.94	19.44	0.088
					Inner_1RB_Right	21.67	19.17	0.083
					Inner_Full	21.95	19.45	0.088
	1880	376000			Inner_1RB_Left	21.93	19.43	0.088
					Inner_1RB_Right	21.62	19.12	0.082
					Inner_Full	21.95	19.45	0.088
	1900	380000			Inner_1RB_Left	21.88	19.38	0.087
					Inner_1RB_Right	21.67	19.17	0.083
					Inner_Full	21.89	19.39	0.087
CP-16QAM	1860	372000	20	15kHz	Inner_1RB_Left	21.13	18.63	0.073
					Inner_1RB_Right	21.12	18.62	0.073
					Inner_Full	21.45	18.95	0.079
	1880	376000			Inner_1RB_Left	21.21	18.71	0.074
					Inner_1RB_Right	21.04	18.54	0.071
					Inner_Full	21.48	18.98	0.079
	1900	380000			Inner_1RB_Left	21.49	18.99	0.079
					Inner_1RB_Right	21.08	18.58	0.072
					Inner_Full	21.38	18.88	0.077
CP-64QAM	1860	372000	20	15kHz	Inner_1RB_Left	19.90	17.4	0.055
					Inner_1RB_Right	19.77	17.27	0.053
					Inner_Full	20.05	17.55	0.057
	1880	376000			Inner_1RB_Left	19.75	17.25	0.053
					Inner_1RB_Right	19.74	17.24	0.053
					Inner_Full	20.06	17.56	0.057
	1900	380000			Inner_1RB_Left	19.94	17.44	0.055
					Inner_1RB_Right	19.65	17.15	0.052
					Inner_Full	19.90	17.4	0.055
CP-256QAM	1860	372000	20	15kHz	Inner_1RB_Left	16.57	14.07	0.026
					Inner_1RB_Right	16.48	13.98	0.025
					Inner_Full	19.48	16.98	0.050
	1880	376000			Inner_1RB_Left	16.62	14.12	0.026
					Inner_1RB_Right	16.48	13.98	0.025
					Inner_Full	19.55	17.05	0.051
	1900	380000			Inner_1RB_Left	16.60	14.1	0.026
					Inner_1RB_Right	16.32	13.82	0.024
					Inner_Full	19.37	16.87	0.049

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	1852.5	370500	5	15kHz	Inner_1RB_Left	23.51	21.01	0.126
					Inner_1RB_Right	23.13	20.63	0.116
					Inner_Full	23.46	20.96	0.125
	1880	376000			Inner_1RB_Left	23.45	20.95	0.124
					Inner_1RB_Right	23.25	20.75	0.119
					Inner_Full	23.39	20.89	0.123
	1907.5	381500			Inner_1RB_Left	23.16	20.66	0.116
					Inner_1RB_Right	23.03	20.53	0.113
					Inner_Full	23.15	20.65	0.116