

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NR Band66

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1712.5	342500	5	15kHz	Inner_1RB_Left	23.72
					Inner_1RB_Right	23.76
					Inner_Full	23.65
	1745	349000			Inner_1RB_Left	23.58
					Inner_1RB_Right	23.57
					Inner_Full	23.69
	1777.5	355500			Inner_1RB_Left	23.37
					Inner_1RB_Right	23.40
					Inner_Full	23.48
DFT-QPSK	1712.5	342500	5	15kHz	Inner_1RB_Left	23.88
					Inner_1RB_Right	23.94
					Inner_Full	23.67
	1745	349000			Inner_1RB_Left	23.70
					Inner_1RB_Right	23.70
					Inner_Full	23.63
	1777.5	355500			Inner_1RB_Left	23.50
					Inner_1RB_Right	23.54
					Inner_Full	23.46
DFT-16QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	22.83
					Inner_1RB_Right	22.83
					Inner_Full	22.71
	1745	349000			Inner_1RB_Left	22.78
					Inner_1RB_Right	22.81
					Inner_Full	22.78
	1777.5	355500			Inner_1RB_Left	22.56
					Inner_1RB_Right	22.58
					Inner_Full	22.56
DFT-64QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	20.80
					Inner_1RB_Right	20.82
					Inner_Full	21.17
	1745	349000			Inner_1RB_Left	20.95
					Inner_1RB_Right	21.02
					Inner_Full	21.23
	1777.5	355500			Inner_1RB_Left	20.78
					Inner_1RB_Right	20.79
					Inner_Full	21.06
DFT-256QA M	1712.5	342500	5	15kHz	Inner_1RB_Left	19.01
					Inner_1RB_Right	19.06
					Inner_Full	19.08
	1745	349000			Inner_1RB_Left	19.08
					Inner_1RB_Right	19.09
					Inner_Full	19.15
	1777.5	355500			Inner_1RB_Left	18.99
					Inner_1RB_Right	18.97
					Inner_Full	18.98

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1712.5	342500	5	15kHz	Inner_1RB_Left	22.12
					Inner_1RB_Right	22.08
					Inner_Full	22.13
	1745	349000			Inner_1RB_Left	22.16
					Inner_1RB_Right	22.17
					Inner_Full	22.18
	1777.5	355500			Inner_1RB_Left	22.01
					Inner_1RB_Right	21.99
					Inner_Full	21.99
CP-16QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	21.80
					Inner_1RB_Right	21.76
					Inner_Full	21.79
	1745	349000			Inner_1RB_Left	21.84
					Inner_1RB_Right	21.80
					Inner_Full	21.79
	1777.5	355500			Inner_1RB_Left	21.68
					Inner_1RB_Right	21.60
					Inner_Full	21.61
CP-64QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	19.84
					Inner_1RB_Right	19.85
					Inner_Full	20.22
	1745	349000			Inner_1RB_Left	19.88
					Inner_1RB_Right	19.89
					Inner_Full	20.19
	1777.5	355500			Inner_1RB_Left	19.65
					Inner_1RB_Right	19.64
					Inner_Full	19.97
CP-256QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	16.98
					Inner_1RB_Right	16.98
					Inner_Full	17.13
	1745	349000			Inner_1RB_Left	17.05
					Inner_1RB_Right	17.04
					Inner_Full	17.17
	1777.5	355500			Inner_1RB_Left	16.78
					Inner_1RB_Right	16.75
					Inner_Full	16.92

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1715	343000	10	15kHz	Inner_1RB_Left	23.60
					Inner_1RB_Right	23.60
					Inner_Full	23.68
	1745	349000			Inner_1RB_Left	23.64
					Inner_1RB_Right	23.68
					Inner_Full	23.67
	1775	355000			Inner_1RB_Left	23.47
					Inner_1RB_Right	23.43
					Inner_Full	23.52
DFT-QPSK	1715	343000	10	15kHz	Inner_1RB_Left	23.62
					Inner_1RB_Right	23.72
					Inner_Full	23.69
	1745	349000			Inner_1RB_Left	23.65
					Inner_1RB_Right	23.74
					Inner_Full	23.70
	1775	355000			Inner_1RB_Left	23.54
					Inner_1RB_Right	23.51
					Inner_Full	23.51
DFT-16QAM	1715	343000	10	15kHz	Inner_1RB_Left	22.83
					Inner_1RB_Right	22.94
					Inner_Full	22.78
	1745	349000			Inner_1RB_Left	22.79
					Inner_1RB_Right	22.81
					Inner_Full	22.69
	1775	355000			Inner_1RB_Left	22.69
					Inner_1RB_Right	22.66
					Inner_Full	22.49
DFT-64QAM	1715	343000	10	15kHz	Inner_1RB_Left	20.92
					Inner_1RB_Right	20.85
					Inner_Full	21.25
	1745	349000			Inner_1RB_Left	21.04
					Inner_1RB_Right	21.02
					Inner_Full	21.25
	1775	355000			Inner_1RB_Left	20.84
					Inner_1RB_Right	20.89
					Inner_Full	21.04
DFT-256QA M	1715	343000	10	15kHz	Inner_1RB_Left	19.07
					Inner_1RB_Right	19.07
					Inner_Full	19.20
	1745	349000			Inner_1RB_Left	19.07
					Inner_1RB_Right	19.06
					Inner_Full	19.17
	1775	355000			Inner_1RB_Left	18.94
					Inner_1RB_Right	18.89
					Inner_Full	19.00

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1715	343000	10	15kHz	Inner_1RB_Left	22.16
					Inner_1RB_Right	22.24
					Inner_Full	22.20
	1745	349000			Inner_1RB_Left	22.15
					Inner_1RB_Right	22.28
					Inner_Full	22.18
	1775	355000			Inner_1RB_Left	22.06
					Inner_1RB_Right	21.99
					Inner_Full	22.00
CP-16QAM	1715	343000	10	15kHz	Inner_1RB_Left	21.86
					Inner_1RB_Right	21.91
					Inner_Full	21.72
	1745	349000			Inner_1RB_Left	21.86
					Inner_1RB_Right	21.89
					Inner_Full	21.70
	1775	355000			Inner_1RB_Left	21.61
					Inner_1RB_Right	21.61
					Inner_Full	21.54
CP-64QAM	1715	343000	10	15kHz	Inner_1RB_Left	19.89
					Inner_1RB_Right	19.96
					Inner_Full	20.22
	1745	349000			Inner_1RB_Left	19.90
					Inner_1RB_Right	20.00
					Inner_Full	20.21
	1775	355000			Inner_1RB_Left	19.73
					Inner_1RB_Right	19.69
					Inner_Full	19.98
CP-256QAM	1715	343000	10	15kHz	Inner_1RB_Left	17.12
					Inner_1RB_Right	17.16
					Inner_Full	17.12
	1745	349000			Inner_1RB_Left	17.10
					Inner_1RB_Right	17.09
					Inner_Full	17.11
	1775	355000			Inner_1RB_Left	16.85
					Inner_1RB_Right	16.88
					Inner_Full	16.94

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1717.5	343500	15	15kHz	Inner_1RB_Left	23.39
					Inner_1RB_Right	23.52
					Inner_Full	23.48
	1745	349000			Inner_1RB_Left	23.46
					Inner_1RB_Right	23.56
					Inner_Full	23.57
	1772.5	354500			Inner_1RB_Left	23.31
					Inner_1RB_Right	23.29
					Inner_Full	23.24
DFT-QPSK	1717.5	343500	15	15kHz	Inner_1RB_Left	23.48
					Inner_1RB_Right	23.67
					Inner_Full	23.48
	1745	349000			Inner_1RB_Left	23.58
					Inner_1RB_Right	23.67
					Inner_Full	23.51
	1772.5	354500			Inner_1RB_Left	23.34
					Inner_1RB_Right	23.26
					Inner_Full	23.27
DFT-16QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	22.67
					Inner_1RB_Right	22.80
					Inner_Full	22.57
	1745	349000			Inner_1RB_Left	22.69
					Inner_1RB_Right	22.77
					Inner_Full	22.58
	1772.5	354500			Inner_1RB_Left	22.41
					Inner_1RB_Right	22.37
					Inner_Full	22.25
DFT-64QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	20.77
					Inner_1RB_Right	20.71
					Inner_Full	20.97
	1745	349000			Inner_1RB_Left	20.81
					Inner_1RB_Right	20.91
					Inner_Full	21.01
	1772.5	354500			Inner_1RB_Left	20.65
					Inner_1RB_Right	20.57
					Inner_Full	20.71
DFT-256QA M	1717.5	343500	15	15kHz	Inner_1RB_Left	18.91
					Inner_1RB_Right	18.99
					Inner_Full	19.05
	1745	349000			Inner_1RB_Left	18.90
					Inner_1RB_Right	19.04
					Inner_Full	19.05
	1772.5	354500			Inner_1RB_Left	18.74
					Inner_1RB_Right	18.69
					Inner_Full	18.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1717.5	343500	15	15kHz	Inner_1RB_Left	21.98
					Inner_1RB_Right	22.17
					Inner_Full	22.01
	1745	349000			Inner_1RB_Left	22.02
					Inner_1RB_Right	22.14
					Inner_Full	22.04
	1772.5	354500			Inner_1RB_Left	21.85
					Inner_1RB_Right	21.79
					Inner_Full	21.74
CP-16QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	21.70
					Inner_1RB_Right	21.89
					Inner_Full	21.51
	1745	349000			Inner_1RB_Left	21.81
					Inner_1RB_Right	21.95
					Inner_Full	21.55
	1772.5	354500			Inner_1RB_Left	21.53
					Inner_1RB_Right	21.56
					Inner_Full	21.22
CP-64QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	19.69
					Inner_1RB_Right	19.90
					Inner_Full	20.08
	1745	349000			Inner_1RB_Left	19.80
					Inner_1RB_Right	19.91
					Inner_Full	20.08
	1772.5	354500			Inner_1RB_Left	19.55
					Inner_1RB_Right	19.54
					Inner_Full	19.80
CP-256QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	16.93
					Inner_1RB_Right	17.05
					Inner_Full	17.03
	1745	349000			Inner_1RB_Left	16.97
					Inner_1RB_Right	17.09
					Inner_Full	17.02
	1772.5	354500			Inner_1RB_Left	16.77
					Inner_1RB_Right	16.79
					Inner_Full	16.72

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPS K	1720	344000	20	15kHz	Inner_1RB_Left	23.55
					Inner_1RB_Right	23.64
					Inner_Full	23.57
	1745	349000			Inner_1RB_Left	23.50
					Inner_1RB_Right	23.56
					Inner_Full	23.51
	1770	354000			Inner_1RB_Left	23.37
					Inner_1RB_Right	23.26
					Inner_Full	23.30
DFT-QPSK	1720	344000	20	15kHz	Inner_1RB_Left	23.48
					Inner_1RB_Right	23.66
					Inner_Full	23.61
	1745	349000			Inner_1RB_Left	23.53
					Inner_1RB_Right	23.64
					Inner_Full	23.56
	1770	354000			Inner_1RB_Left	23.26
					Inner_1RB_Right	23.29
					Inner_Full	23.28
DFT-16QAM	1720	344000	20	15kHz	Inner_1RB_Left	22.54
					Inner_1RB_Right	22.71
					Inner_Full	22.57
	1745	349000			Inner_1RB_Left	22.77
					Inner_1RB_Right	22.85
					Inner_Full	22.48
	1770	354000			Inner_1RB_Left	22.61
					Inner_1RB_Right	22.44
					Inner_Full	22.29
DFT-64QAM	1720	344000	20	15kHz	Inner_1RB_Left	20.65
					Inner_1RB_Right	20.78
					Inner_Full	20.97
	1745	349000			Inner_1RB_Left	20.74
					Inner_1RB_Right	20.40
					Inner_Full	21.04
	1770	354000			Inner_1RB_Left	20.38
					Inner_1RB_Right	20.60
					Inner_Full	20.84
DFT-256QA M	1720	344000	20	15kHz	Inner_1RB_Left	18.85
					Inner_1RB_Right	18.90
					Inner_Full	20.56
	1745	349000			Inner_1RB_Left	19.01
					Inner_1RB_Right	18.98
					Inner_Full	19.01
	1770	354000			Inner_1RB_Left	18.84
					Inner_1RB_Right	18.70
					Inner_Full	18.76

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
CP-QPSK	1720	344000	20	15kHz	Inner_1RB_Left	21.92
					Inner_1RB_Right	21.91
					Inner_Full	21.92
	1745	349000			Inner_1RB_Left	22.06
					Inner_1RB_Right	22.14
					Inner_Full	22.05
	1770	354000			Inner_1RB_Left	21.89
					Inner_1RB_Right	21.84
					Inner_Full	21.80
CP-16QAM	1720	344000	20	15kHz	Inner_1RB_Left	21.47
					Inner_1RB_Right	21.52
					Inner_Full	21.47
	1745	349000			Inner_1RB_Left	21.81
					Inner_1RB_Right	21.86
					Inner_Full	21.53
	1770	354000			Inner_1RB_Left	21.64
					Inner_1RB_Right	21.54
					Inner_Full	21.28
CP-64QAM	1720	344000	20	15kHz	Inner_1RB_Left	19.59
					Inner_1RB_Right	19.73
					Inner_Full	20.05
	1745	349000			Inner_1RB_Left	19.83
					Inner_1RB_Right	19.92
					Inner_Full	20.11
	1770	354000			Inner_1RB_Left	19.65
					Inner_1RB_Right	19.53
					Inner_Full	19.88
CP-256QAM	1720	344000	20	15kHz	Inner_1RB_Left	16.83
					Inner_1RB_Right	16.85
					Inner_Full	19.78
	1745	349000			Inner_1RB_Left	16.92
					Inner_1RB_Right	17.03
					Inner_Full	17.03
	1770	354000			Inner_1RB_Left	16.82
					Inner_1RB_Right	16.75
					Inner_Full	16.78

Test on the worst case:

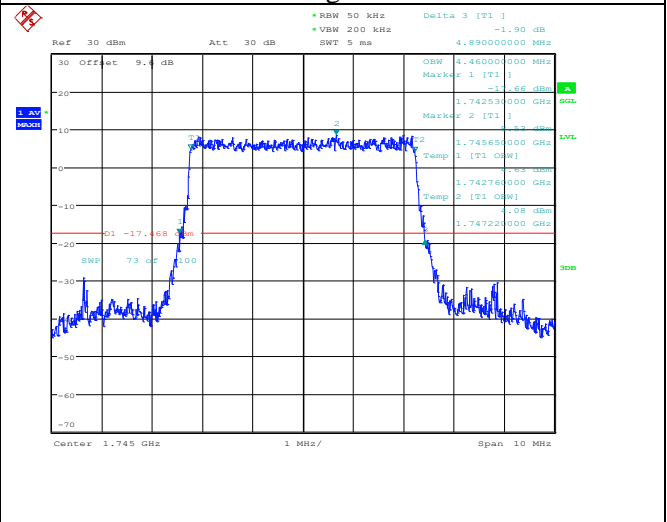
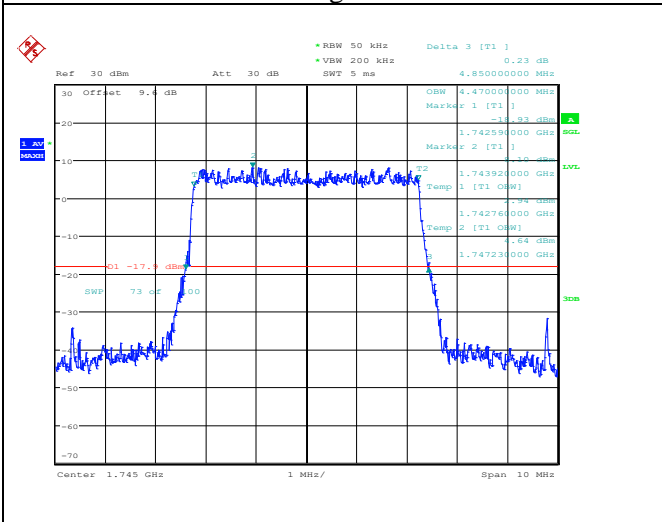
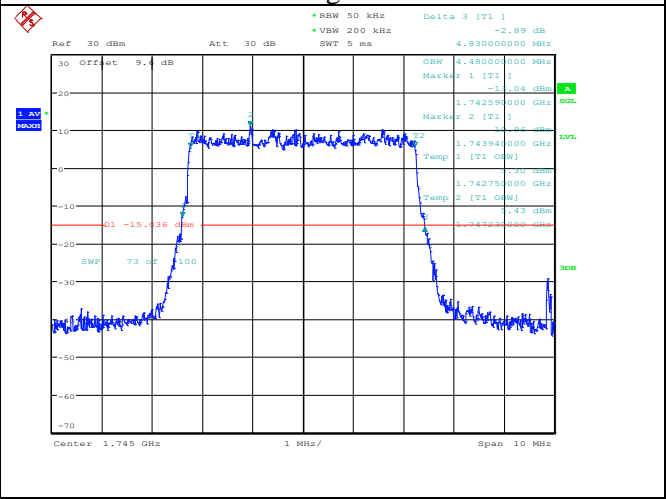
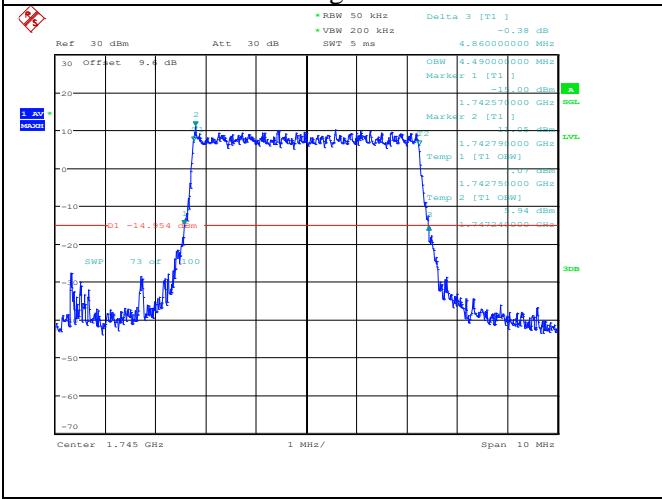
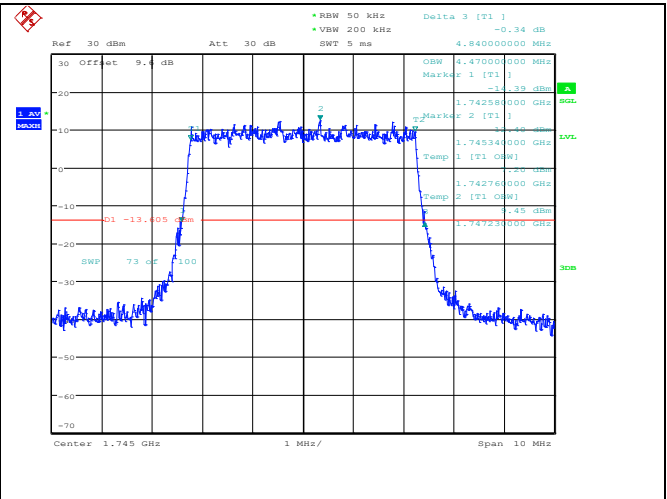
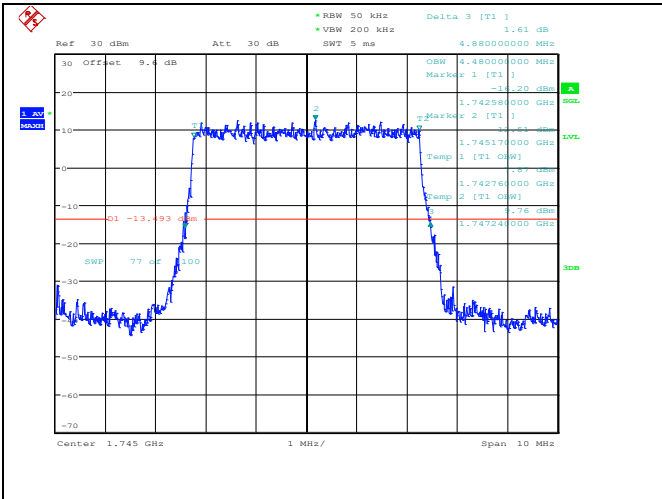
Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)
DFT-PI2BPSK	1712.5	342500	5	15kHz	Inner_1RB_Left	23.63
					Inner_1RB_Right	23.89
					Inner_Full	23.48
	1745	349000			Inner_1RB_Left	23.53
					Inner_1RB_Right	23.62
					Inner_Full	23.56
	1777.5	355500			Inner_1RB_Left	23.37
					Inner_1RB_Right	23.38
					Inner_Full	23.25

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	
N66	Mid	5	15	Outer_Full	4.48	Fig.1	4.47	Fig.2	4.49	Fig.3	4.48	Fig.4	4.47	Fig.5
	Mid	10		Outer_Full	8.96	Fig.10	8.94	Fig.11	8.98	Fig.12	8.96	Fig.13	8.94	Fig.14
	Mid	15		Outer_Full	13.44	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	17.92	Fig.29	17.88	Fig.30	17.92	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		--	
N66	Mid	5	15	Outer_Full	4.46	Fig.6	4.47	Fig.7	4.48	Fig.8	4.47	Fig.9	--	--
	Mid	10		Outer_Full	9.30	Fig.15	9.30	Fig.16	9.30	Fig.17	9.30	Fig.18	--	--
	Mid	15		Outer_Full	14.19	Fig.24	14.16	Fig.25	14.16	Fig.26	14.19	Fig.27	--	--
	Mid	20		Outer_Full	18.96	Fig.33	19.00	Fig.34	19.00	Fig.35	18.96	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	
N66	Mid	5	15	Outer_Full	4.88	Fig.1	4.84	Fig.2	4.86	Fig.3	4.83	Fig.4	4.85	Fig.5
	Mid	10		Outer_Full	9.52	Fig.10	9.50	Fig.11	9.50	Fig.12	9.52	Fig.13	9.38	Fig.14
	Mid	15		Outer_Full	14.22	Fig.19	14.16	Fig.20	14.16	Fig.21	14.25	Fig.22	14.10	Fig.23
	Mid	20		Outer_Full	18.64	Fig.28	18.72	Fig.29	18.76	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		--	
N66	Mid	5	15	Outer_Full	4.89	Fig.6	4.89	Fig.7	4.83	Fig.8	4.95	Fig.9	--	--
	Mid	10		Outer_Full	9.86	Fig.15	9.76	Fig.16	9.86	Fig.17	9.78	Fig.18	--	--
	Mid	15		Outer_Full	14.85	Fig.24	14.82	Fig.25	14.88	Fig.26	14.94	Fig.27	--	--
	Mid	20		Outer_Full	19.84	Fig.33	19.76	Fig.34	19.76	Fig.35	19.76	Fig.36	--	--



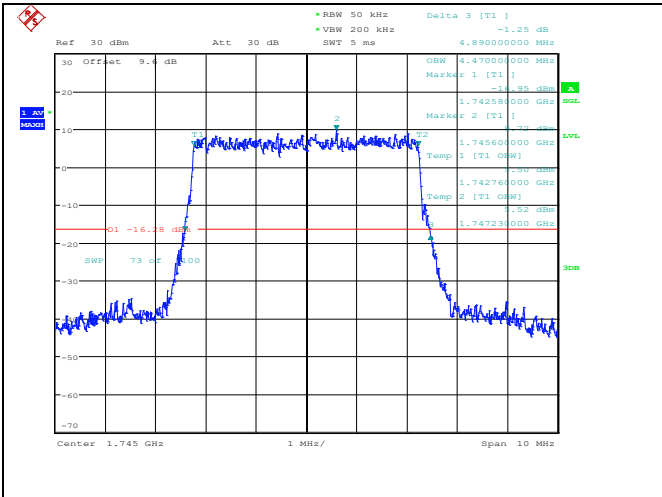


Fig.7

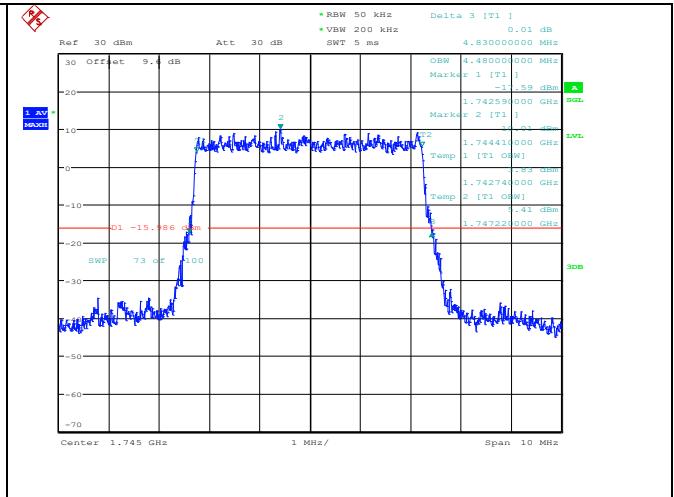


Fig.8

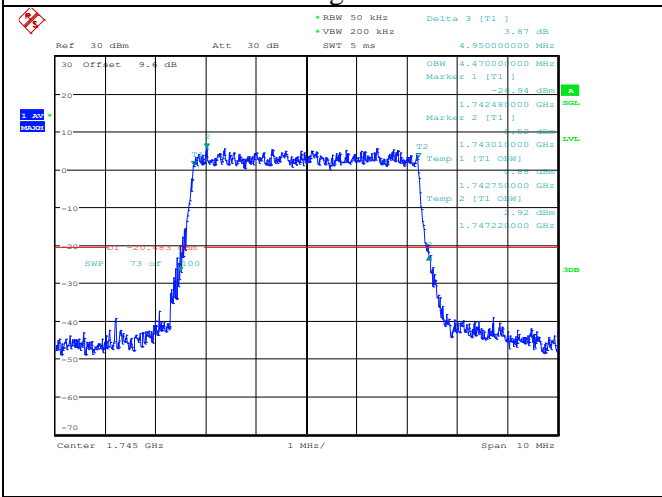


Fig.9

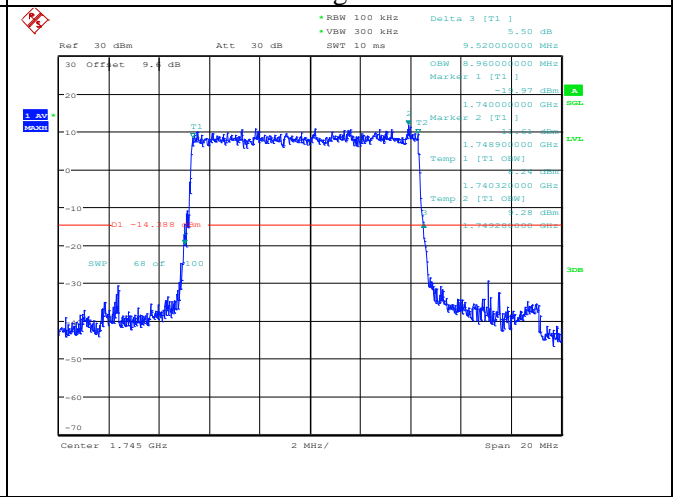


Fig.10

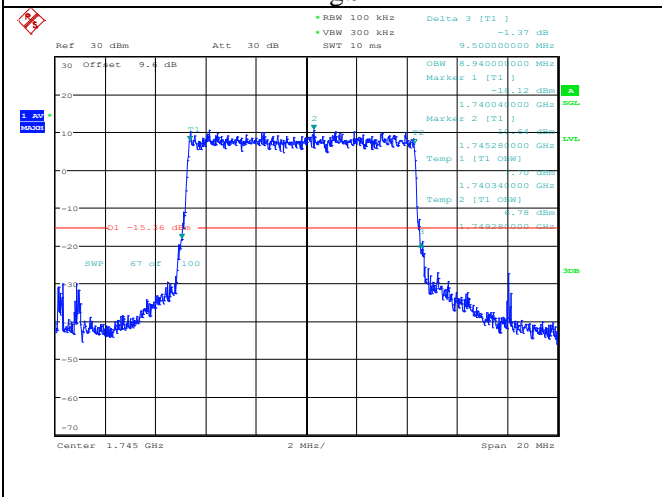


Fig.11

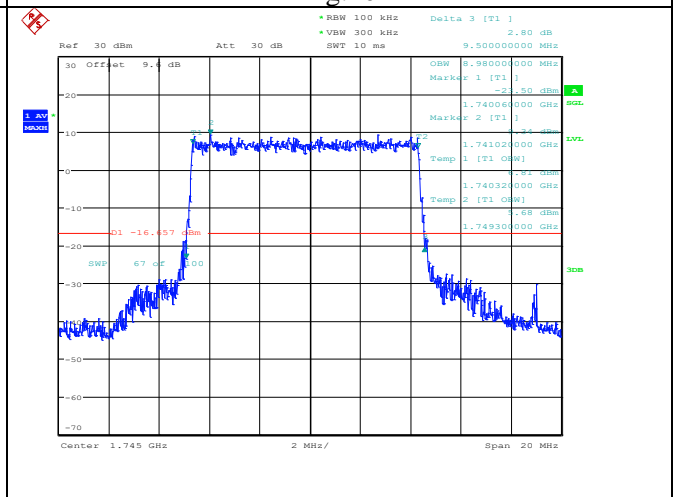


Fig.12

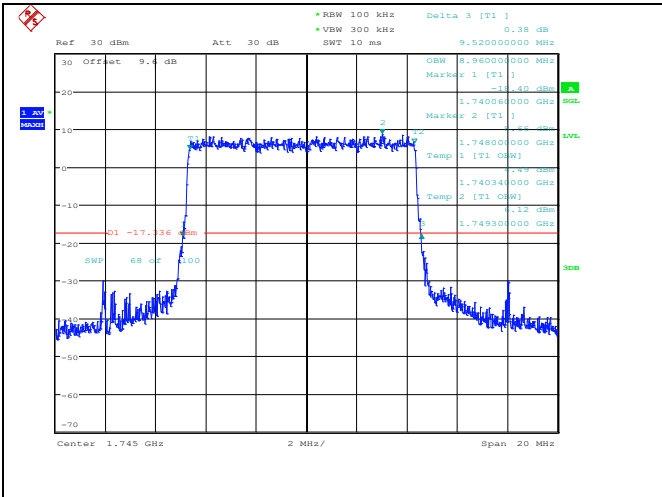


Fig.13

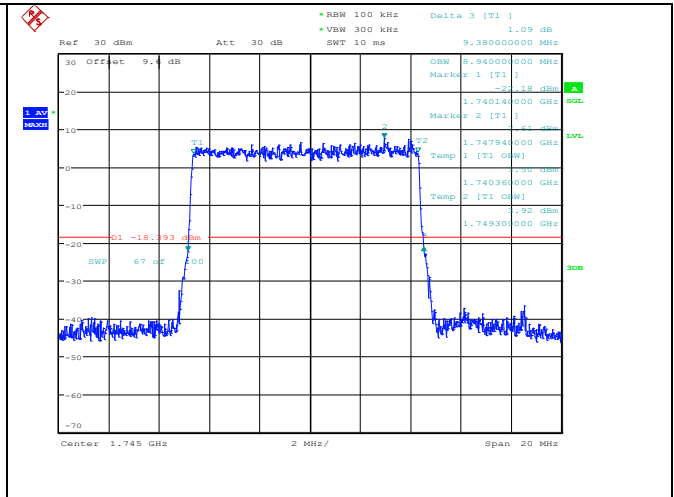


Fig.14

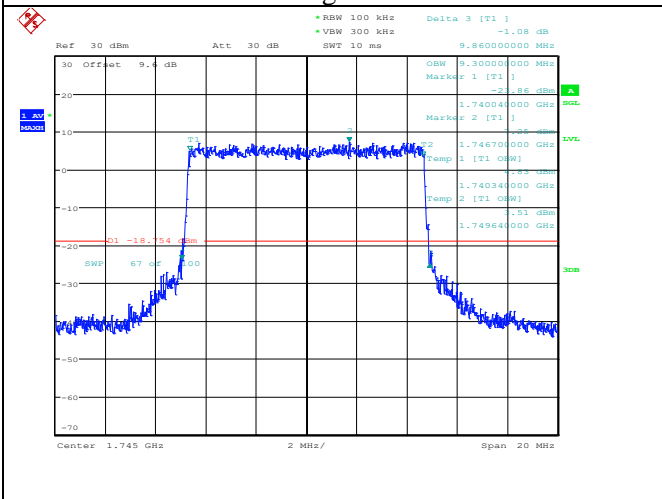


Fig.15

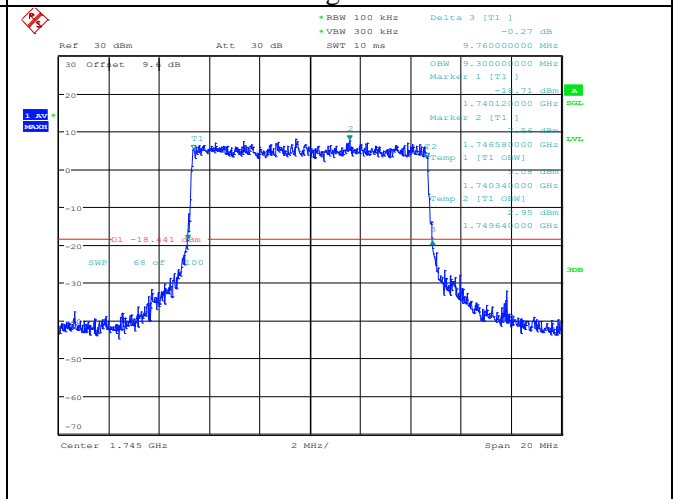


Fig.16

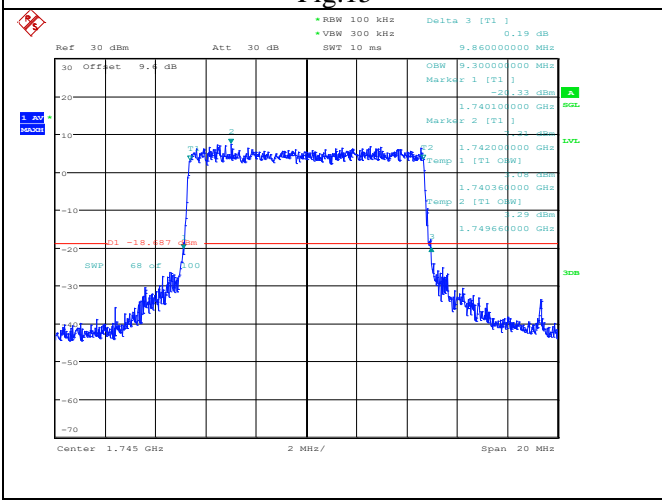


Fig.17

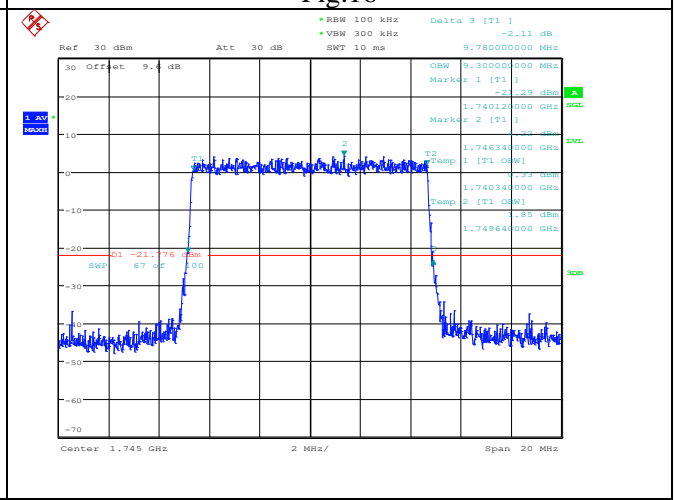


Fig.18

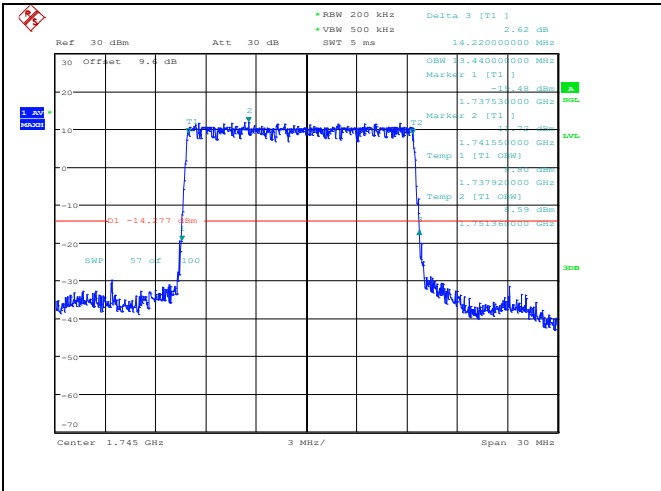


Fig.19

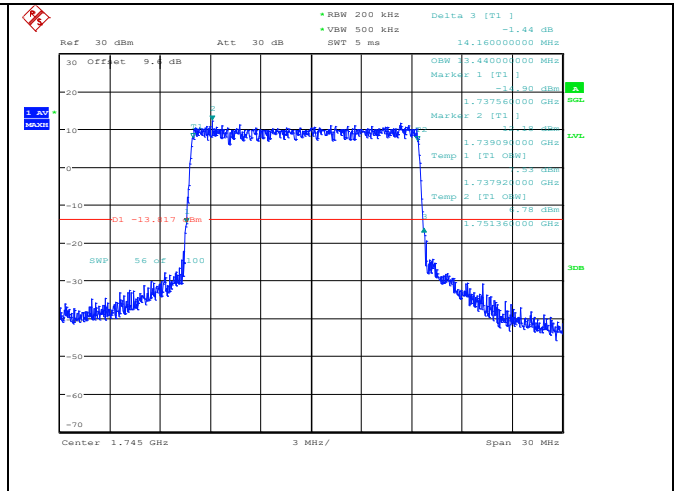


Fig.20

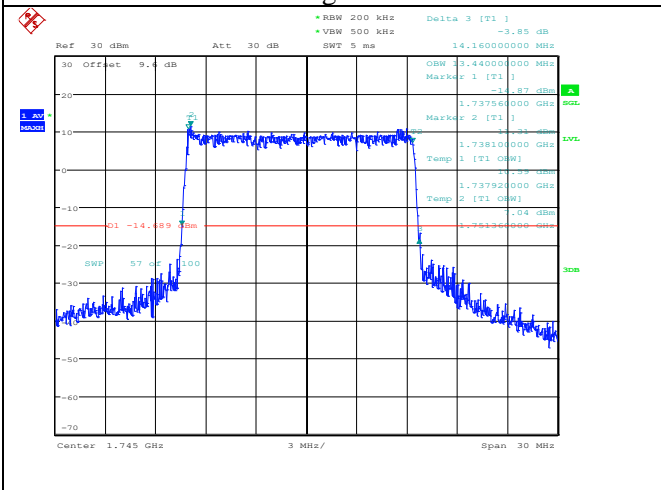


Fig.21

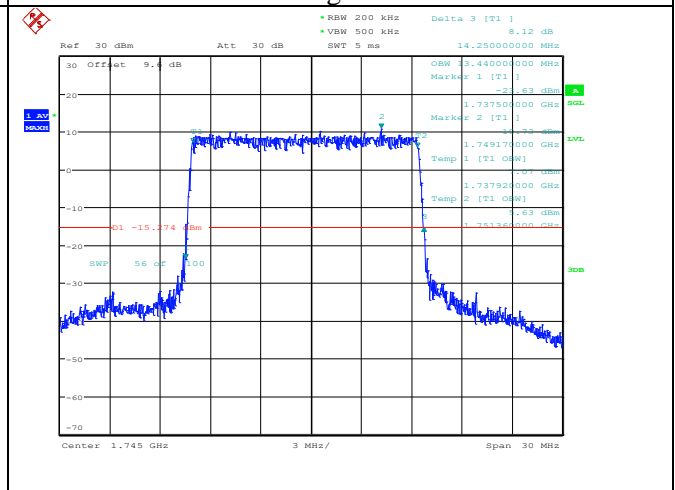


Fig.22

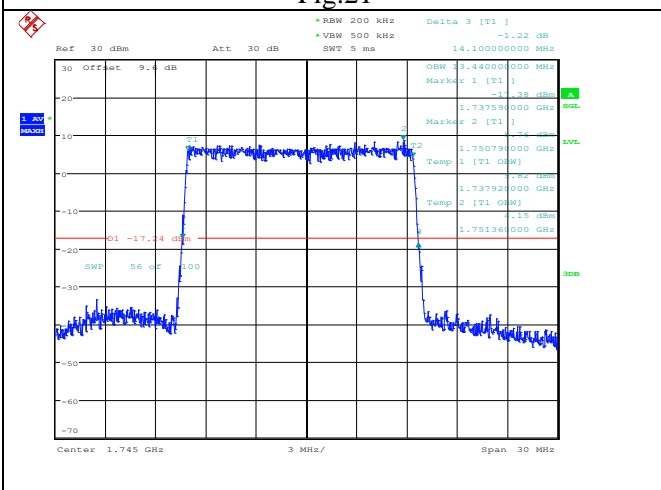


Fig.23

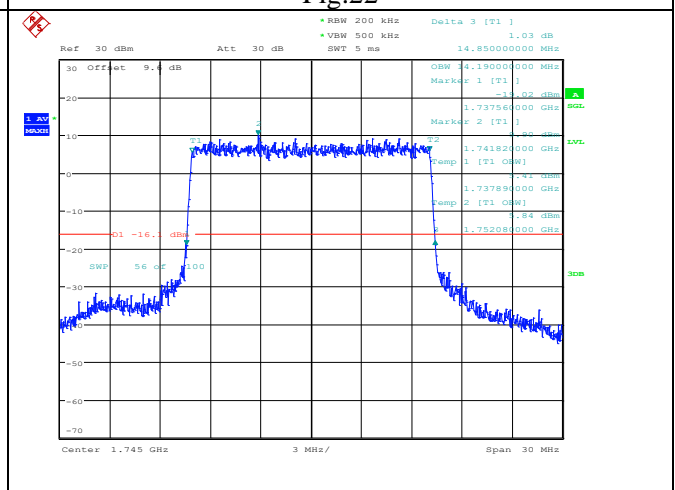


Fig.24

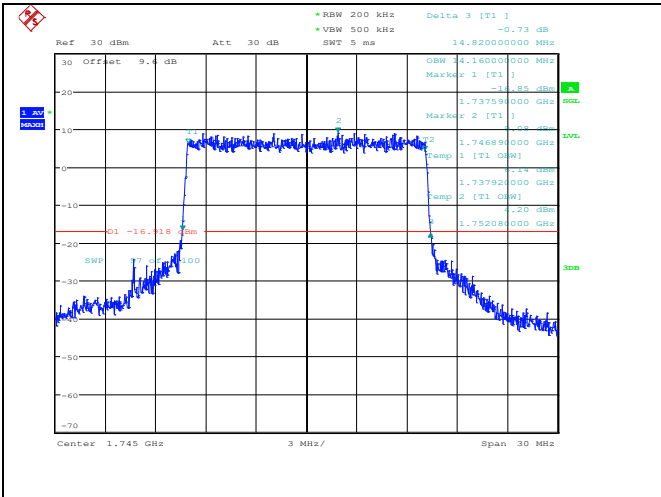


Fig.25

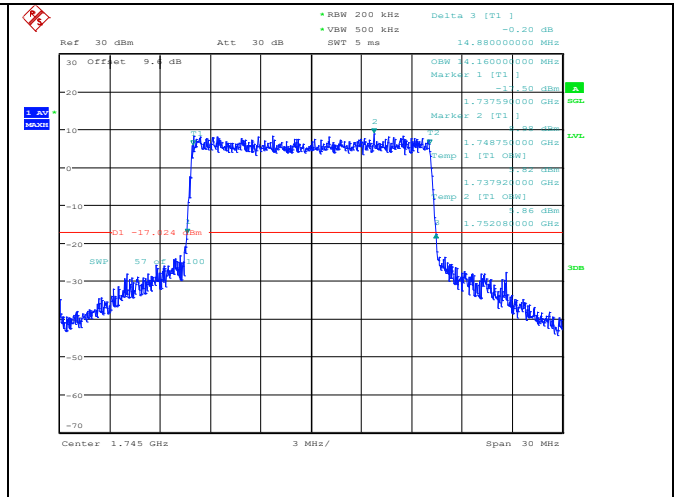


Fig.26

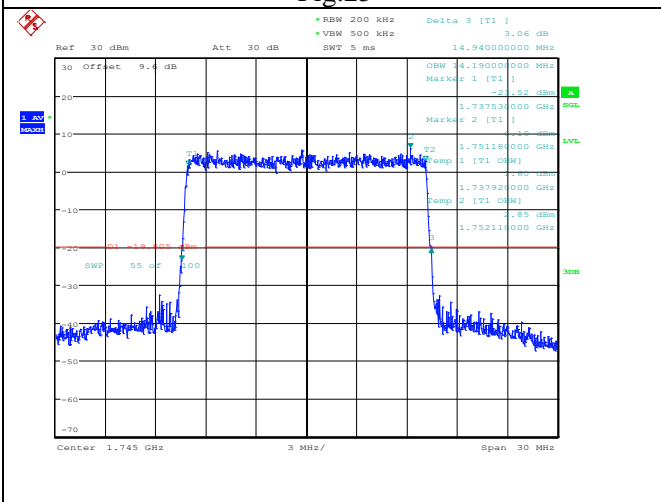


Fig.27

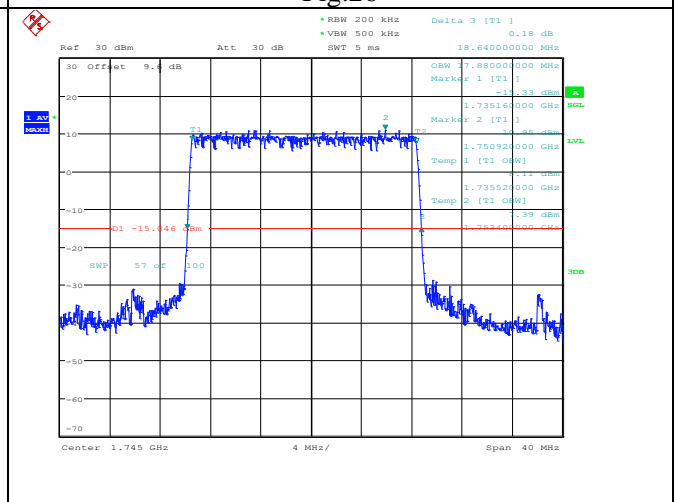


Fig.28

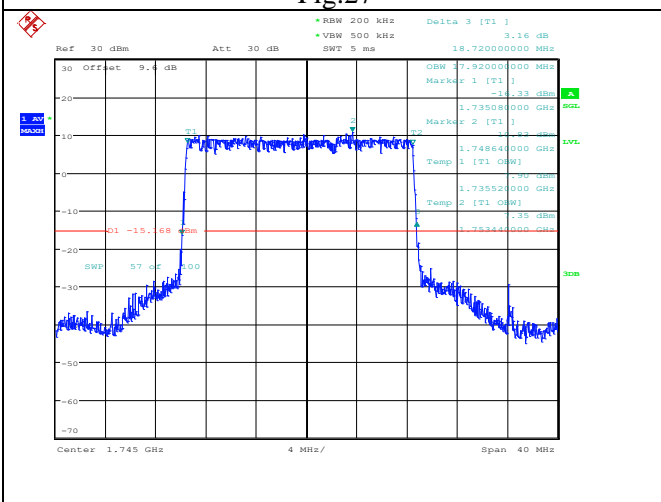


Fig.29

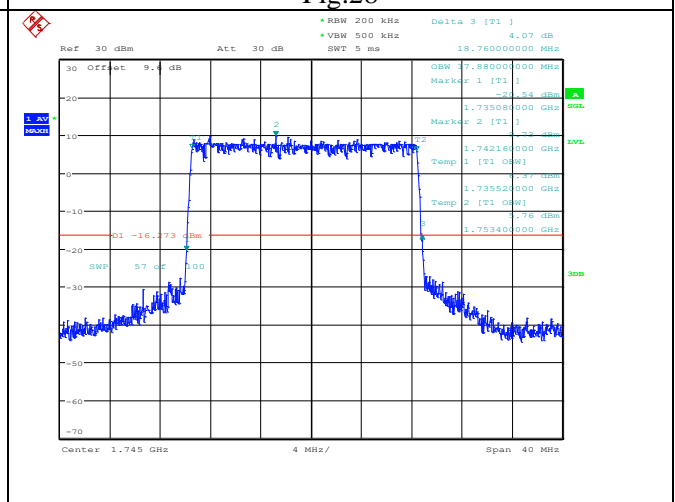
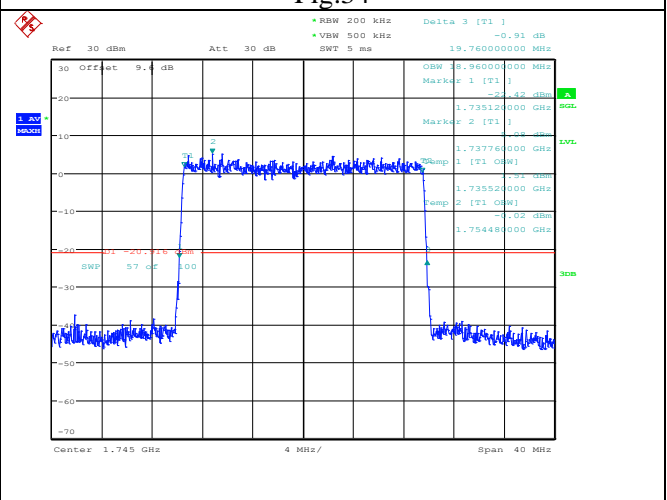
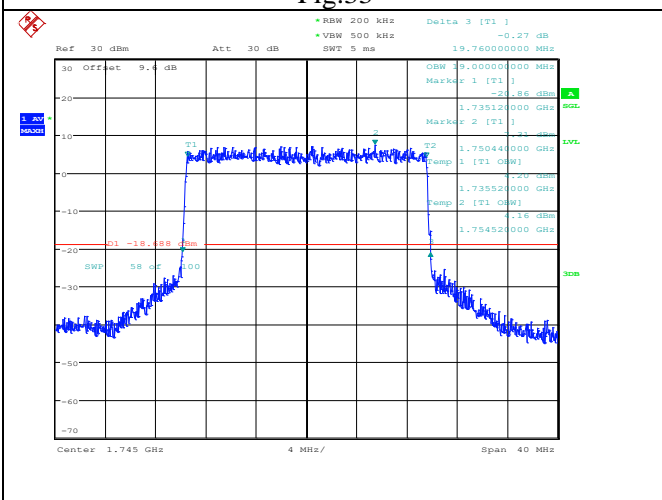
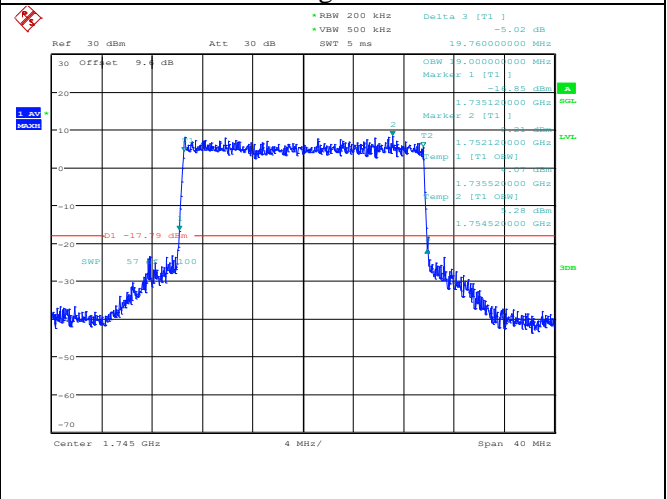
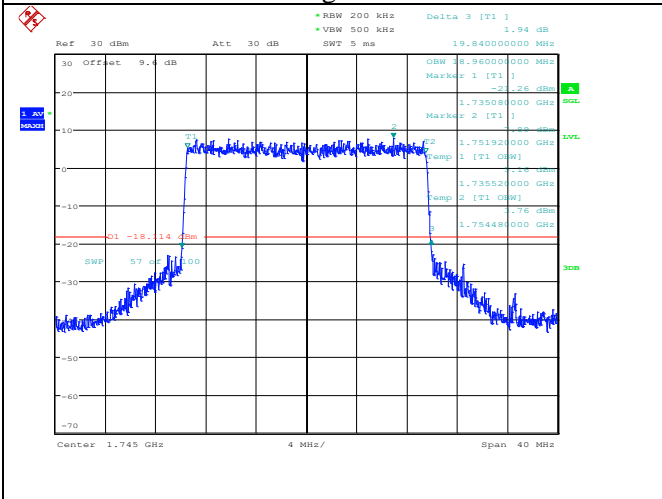
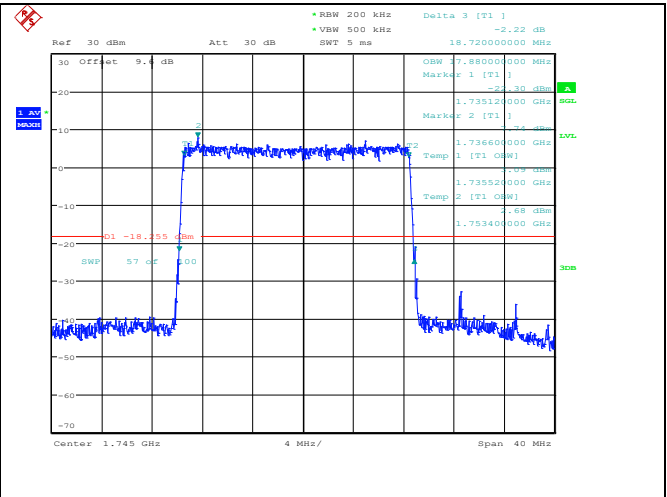
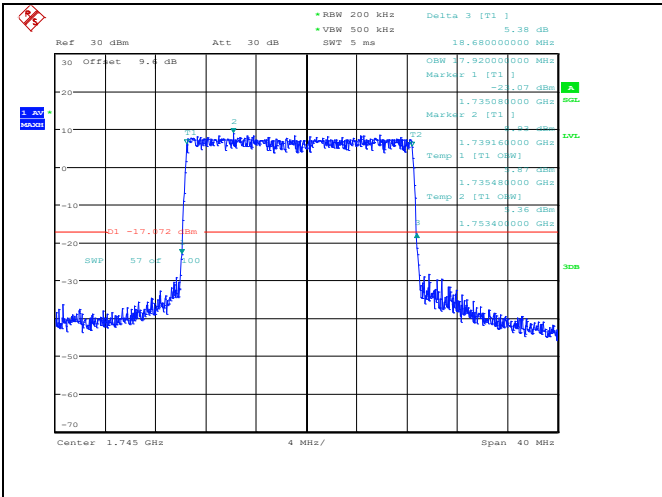


Fig.30



4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	SCS	RB Config	DFT-PI2BPSK	CP-QPSK
N66	1745	132322	20	15kHz	Outer_Full	Fig.1	Fig.2

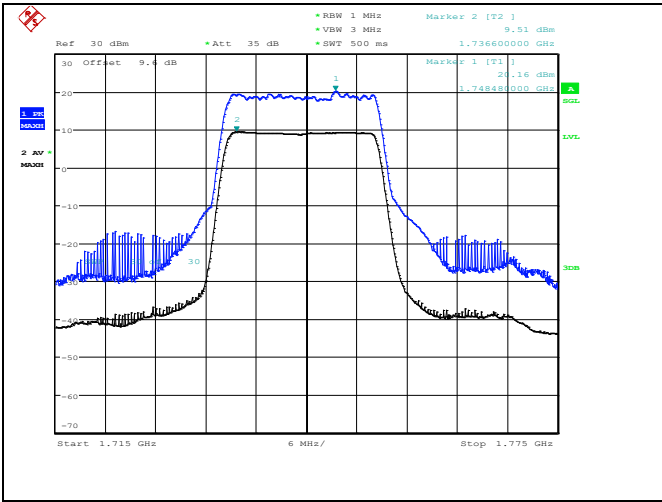


Fig.1

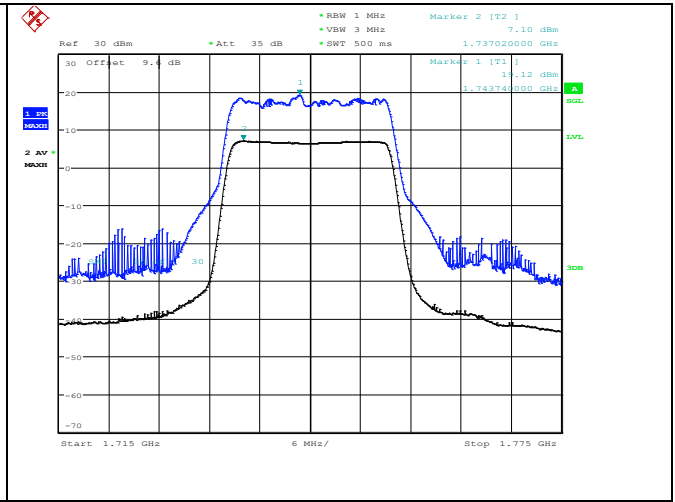
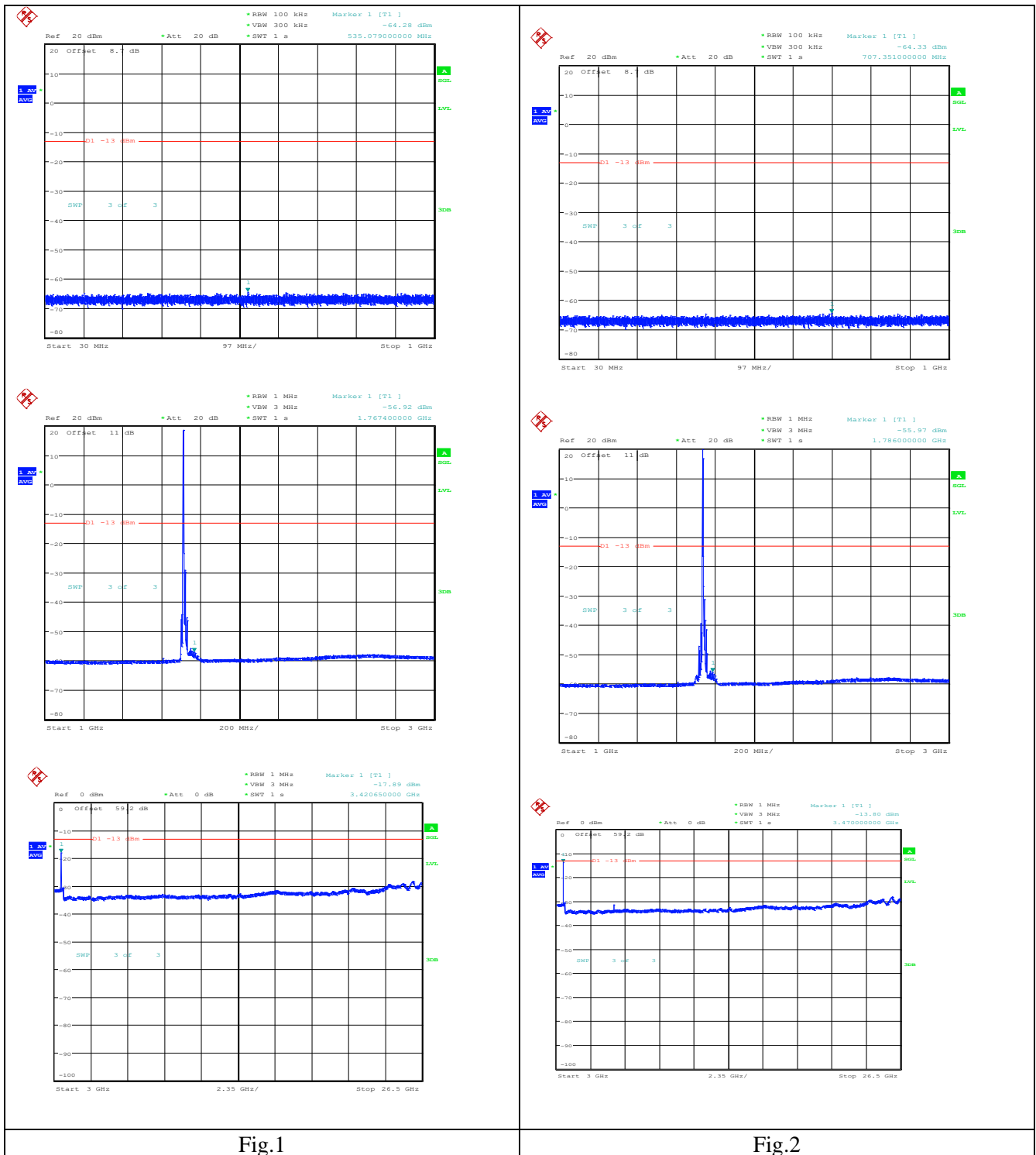


Fig.2

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	SCS	RB Size	RB Offset	Conducted Spurious Plot
							DFT-PI2BPS K
N66	1720	132072	20	15kHz	1	0	Fig.1
	1745	132322					Fig.2
	1770	132572					Fig.3



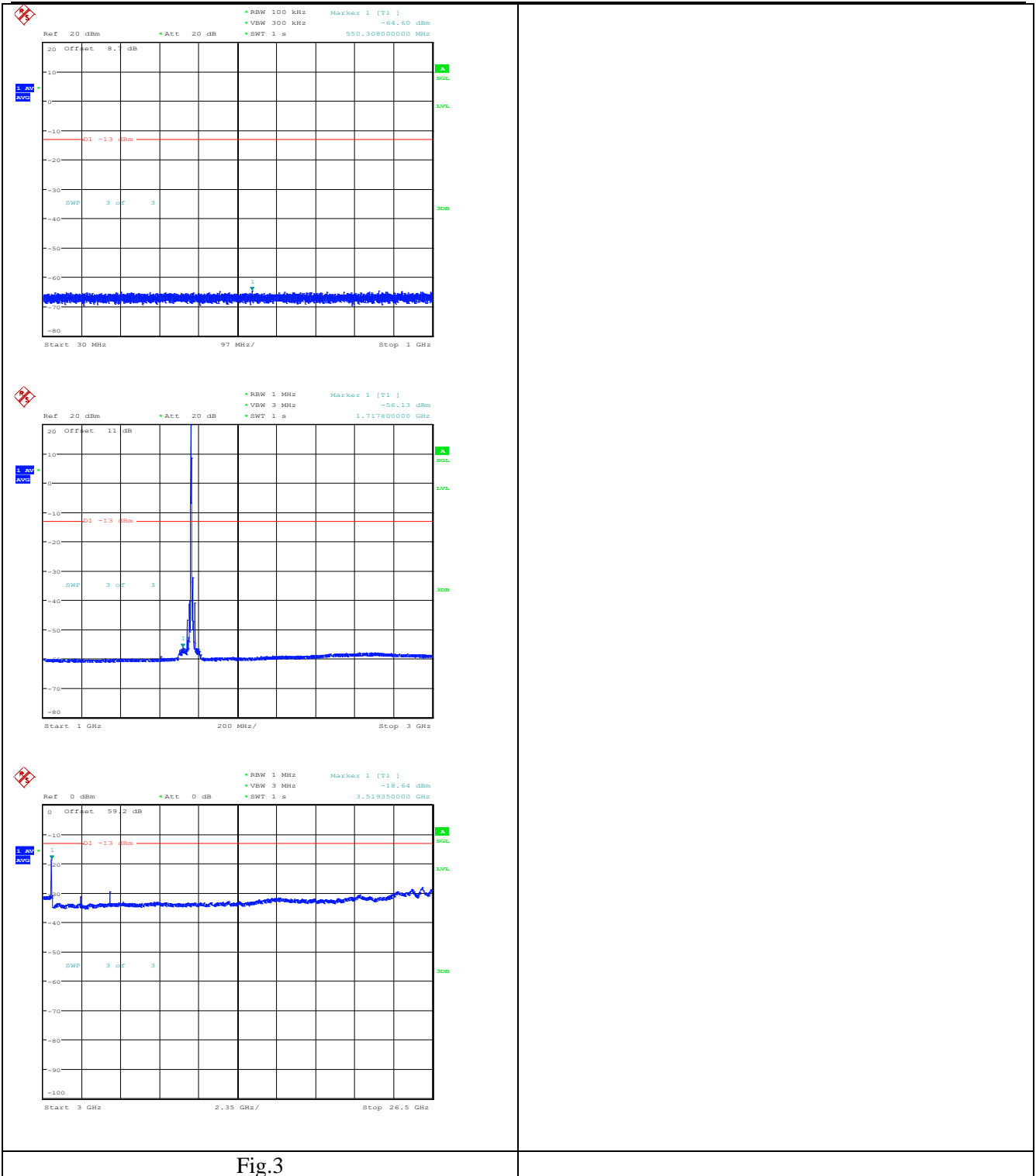


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	SCS	RB Config	Band Edges Plot	
						DFT-PI2BPS K	CP-QPSK
N66	1712.5	342500	5	15kHz	1RB_Left	Fig.1	Fig.5
					Outer_Full	Fig.2	Fig.6
	1777.5	355500			1RB_Right	Fig.3	Fig.7
					Outer_Full	Fig.4	Fig.8
	1715	343000	10		1RB_Left	Fig.9	Fig.13
					Outer_Full	Fig.10	Fig.14
	1775	355000			1RB_Right	Fig.11	Fig.15
					Outer_Full	Fig.12	Fig.16
	1717.5	343500	15		1RB_Left	Fig.17	Fig.21
					Outer_Full	Fig.18	Fig.22
	1772.5	354500			1RB_Right	Fig.19	Fig.23
					Outer_Full	Fig.20	Fig.24
	1720	344000	20		1RB_Left	Fig.25	Fig.29
					Outer_Full	Fig.26	Fig.30
1770	354000	1RB_Right		Fig.27	Fig.31		
		Outer_Full		Fig.28	Fig.32		

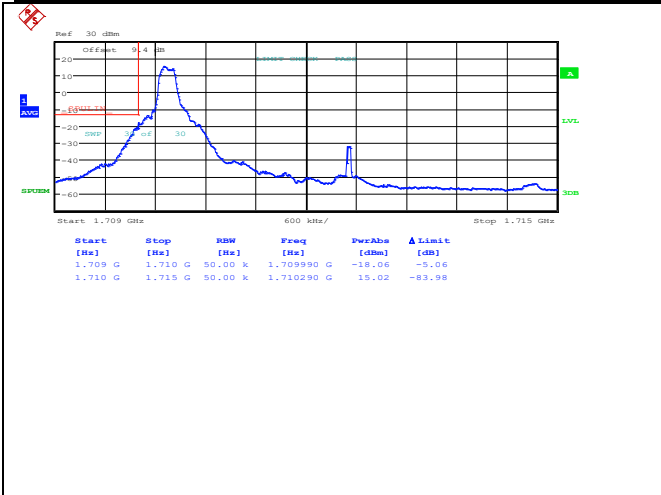


Fig.1

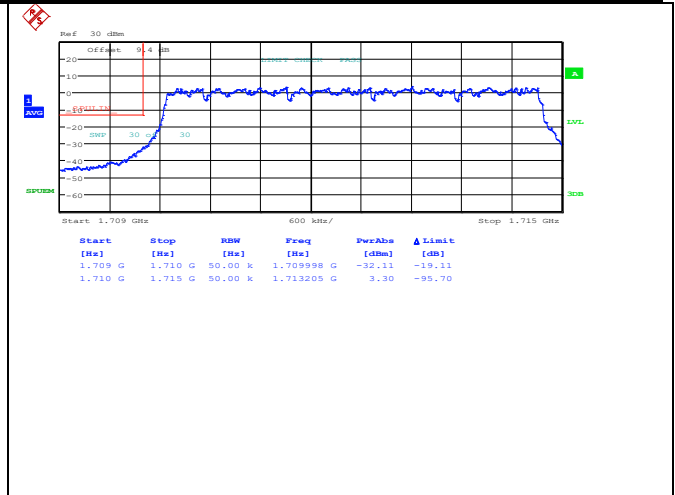


Fig.2

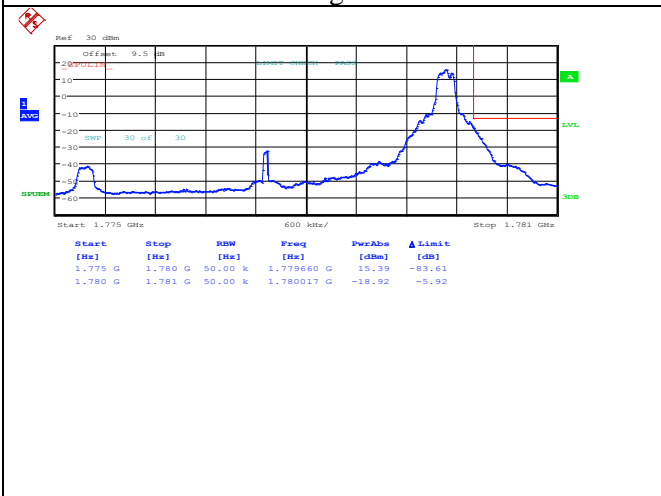


Fig.3

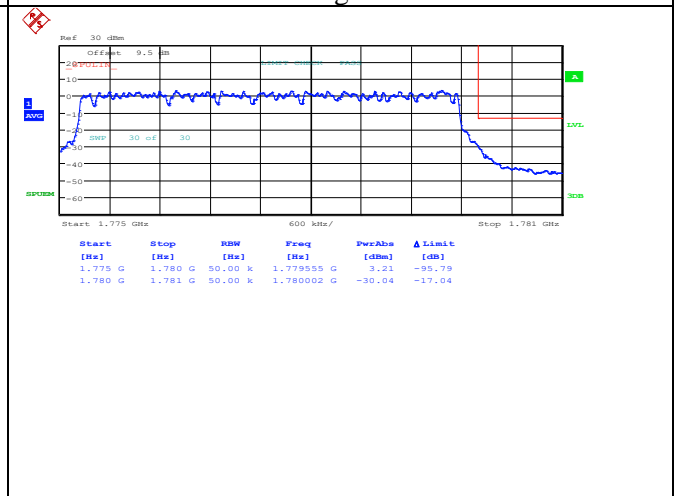


Fig.4

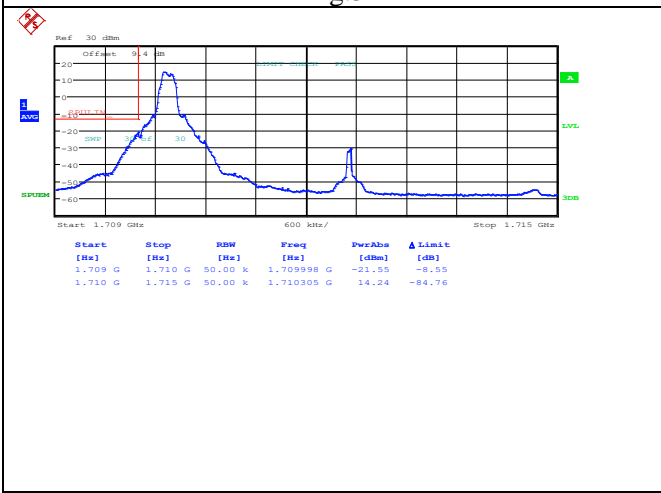


Fig.5

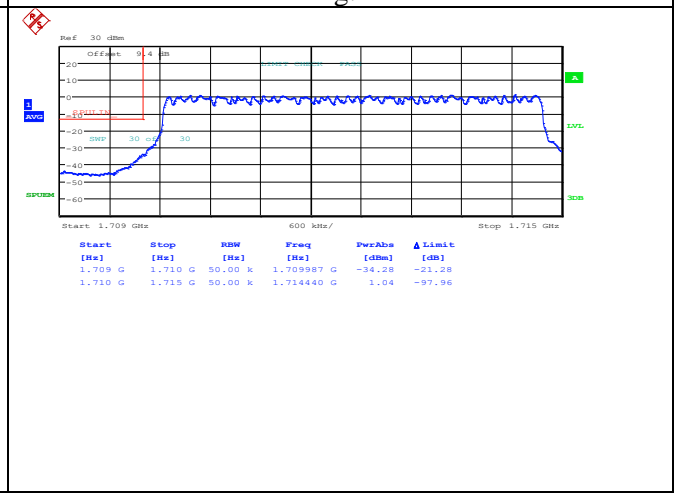


Fig.6

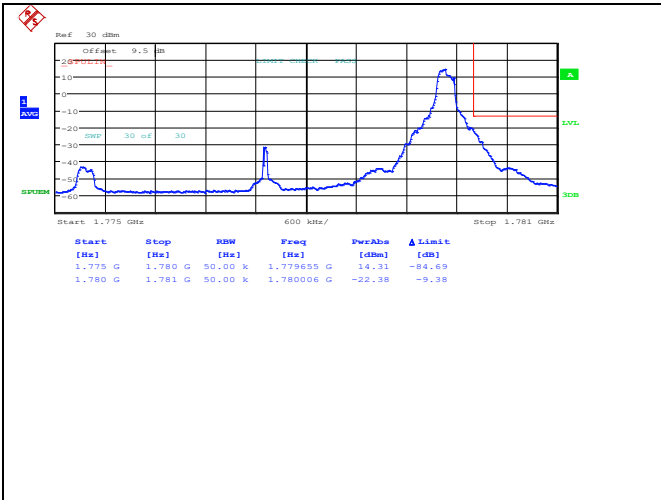


Fig.7

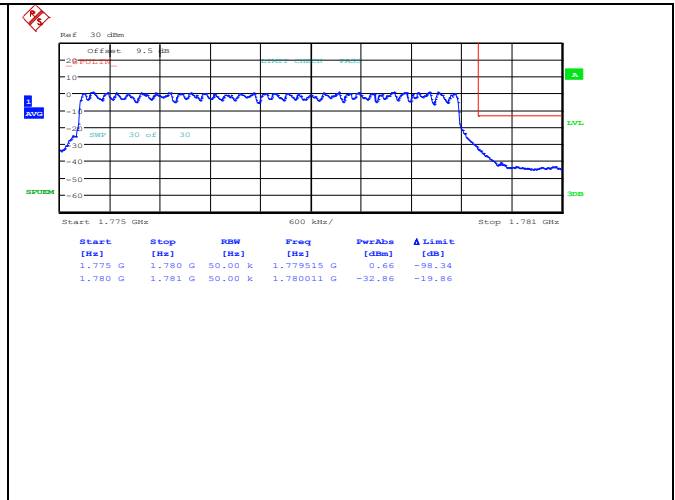


Fig.8

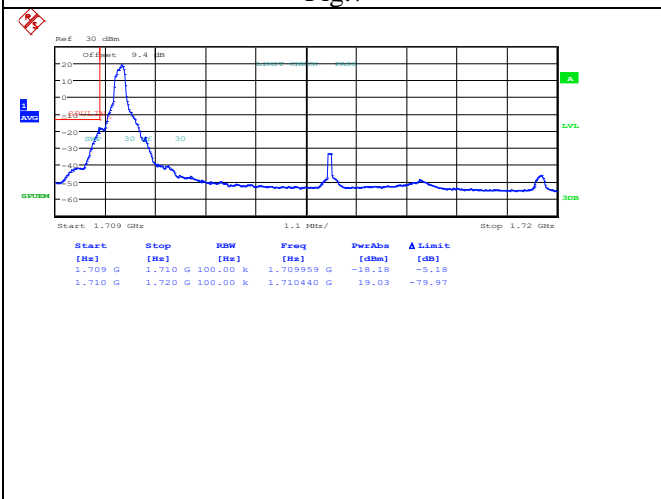


Fig.9

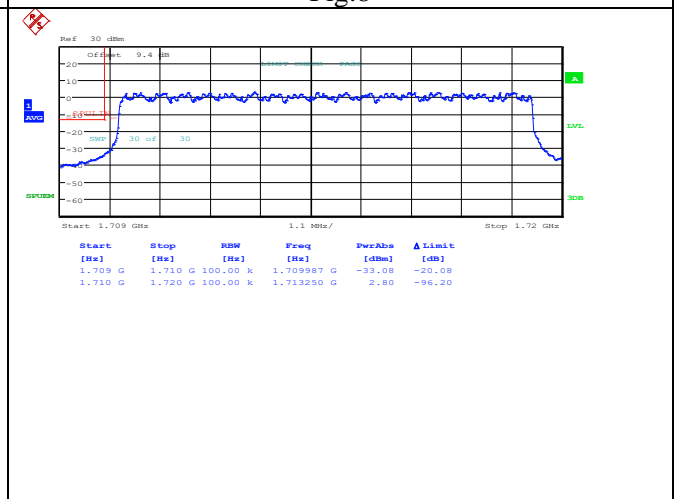


Fig.10

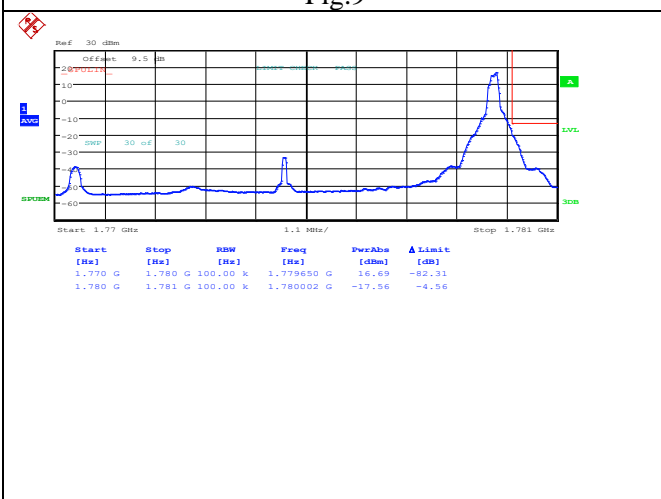


Fig.11

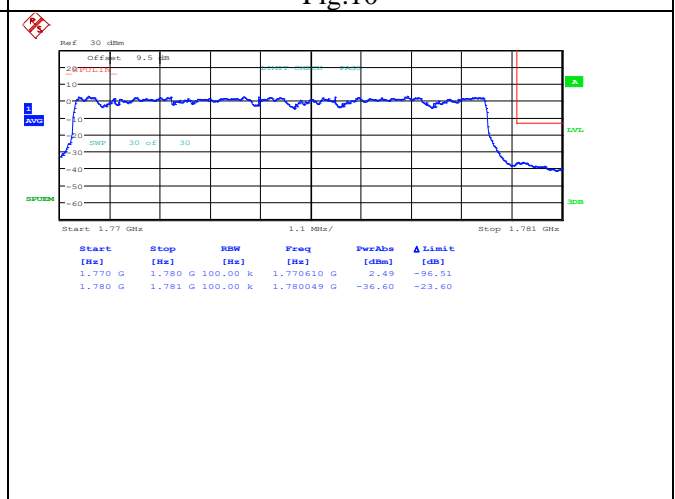


Fig.12

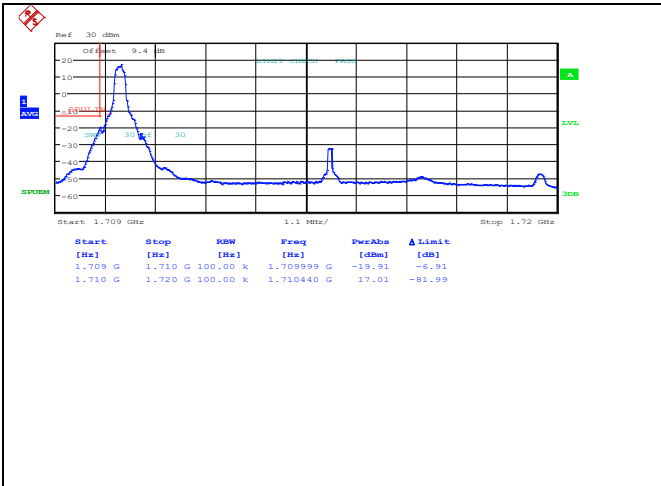


Fig.13

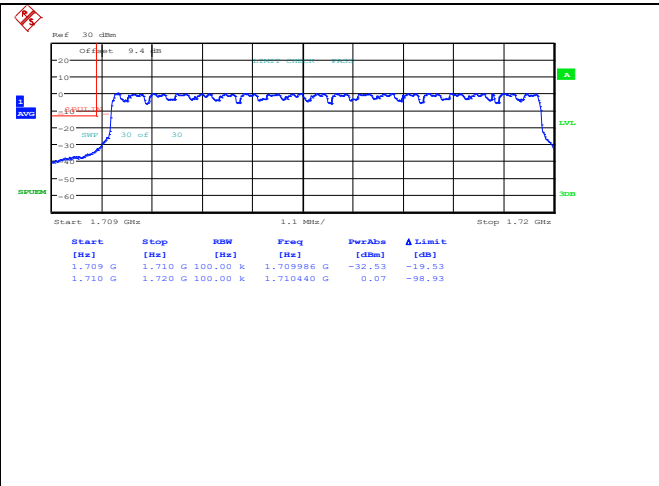


Fig.14

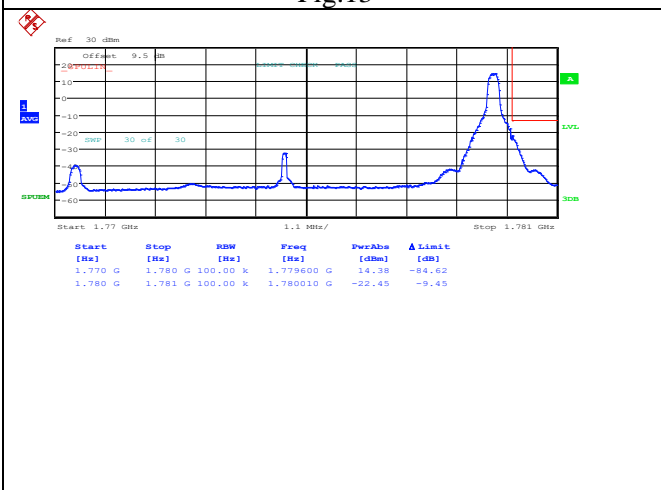


Fig.15

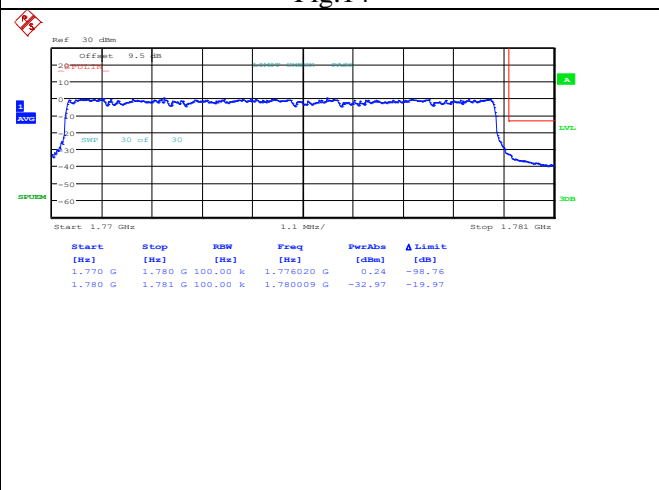


Fig.16

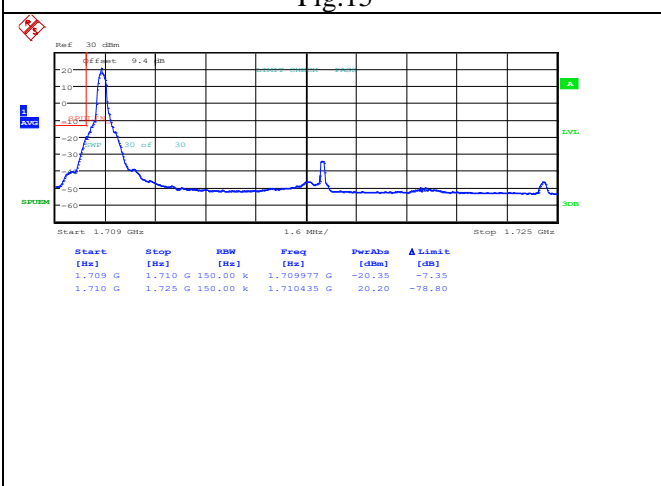


Fig.17

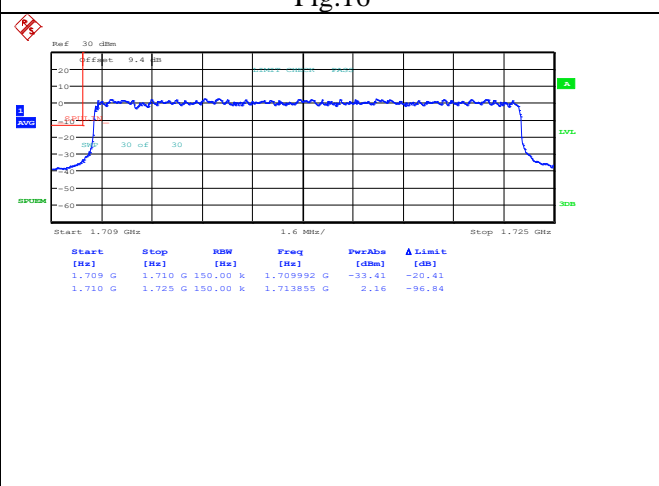


Fig.18

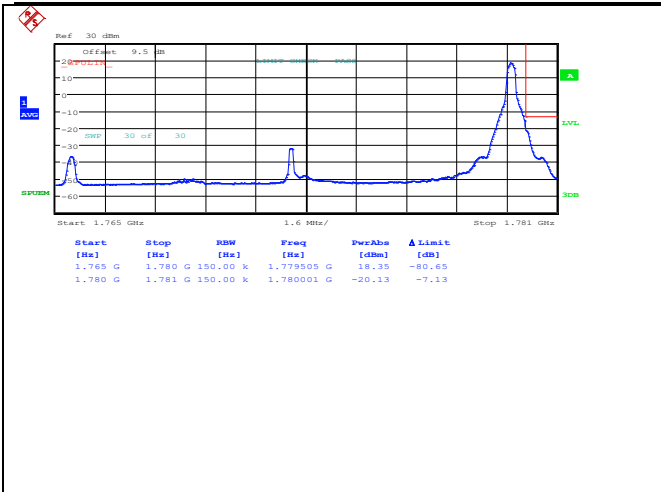


Fig.19

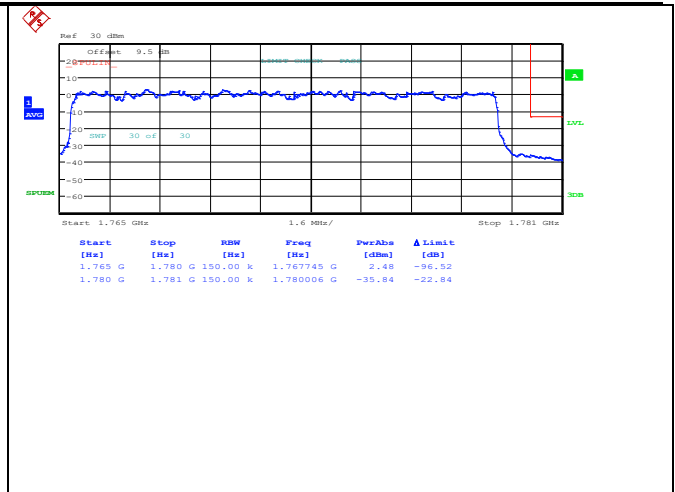


Fig.20

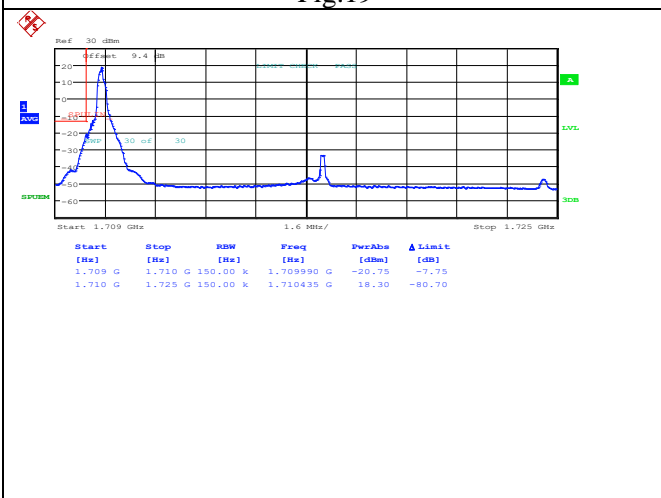


Fig.21

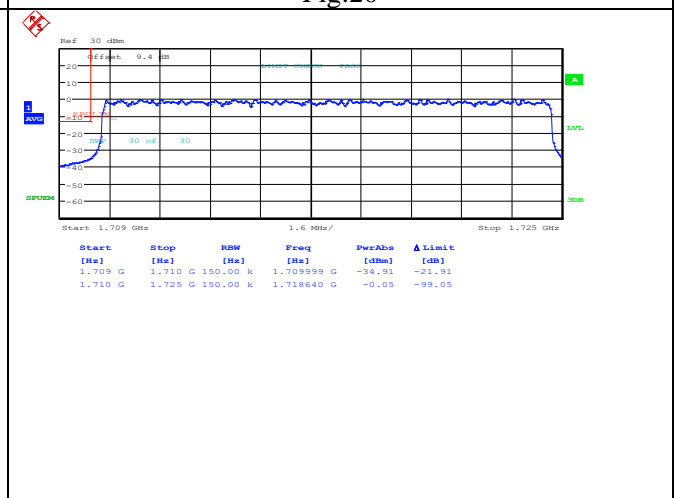


Fig.22

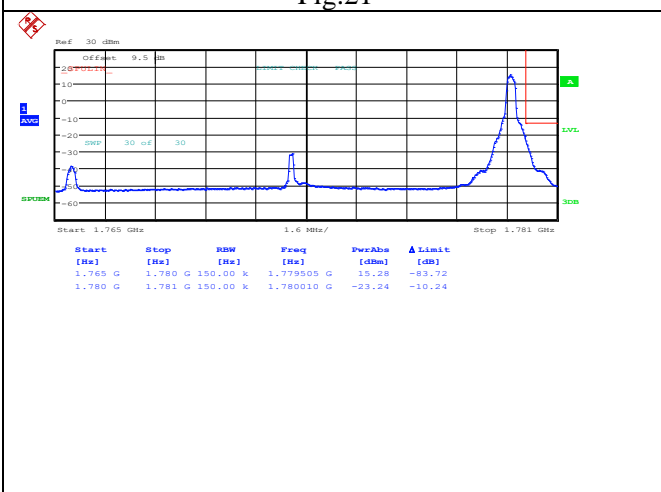


Fig.23

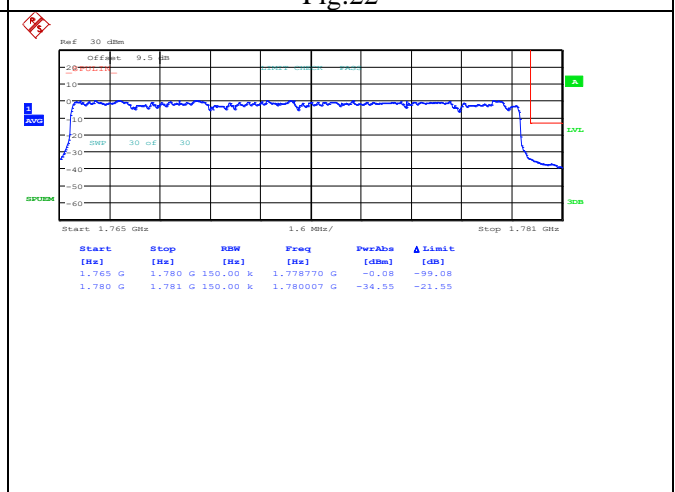


Fig.24

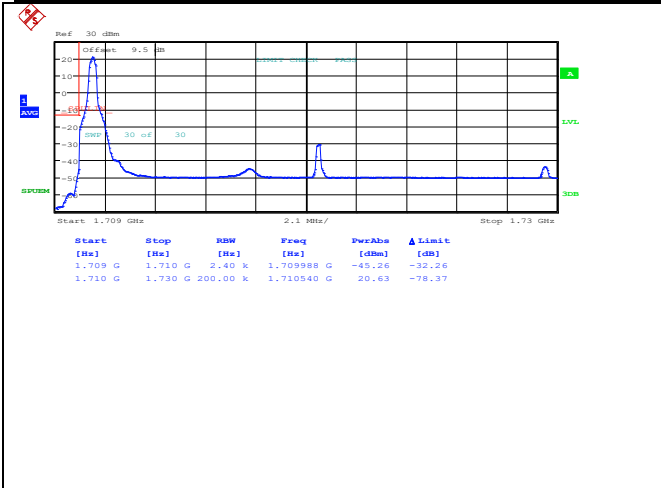


Fig.25

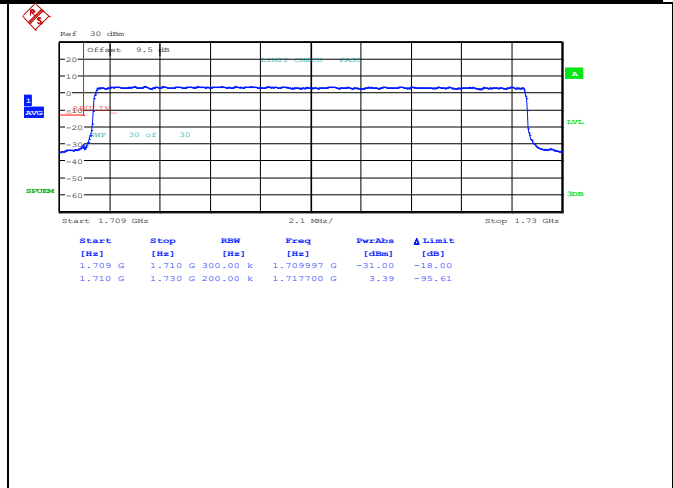


Fig.26

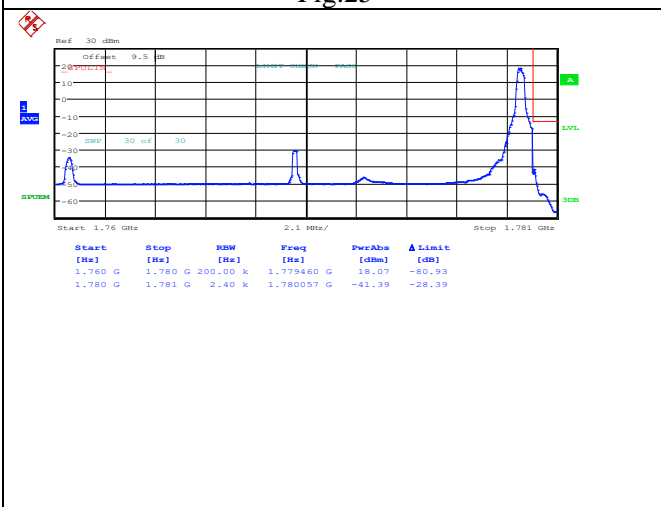


Fig.27

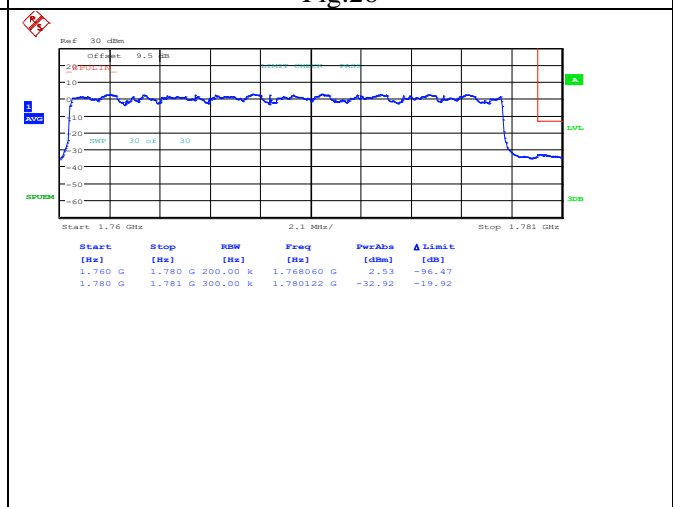


Fig.28

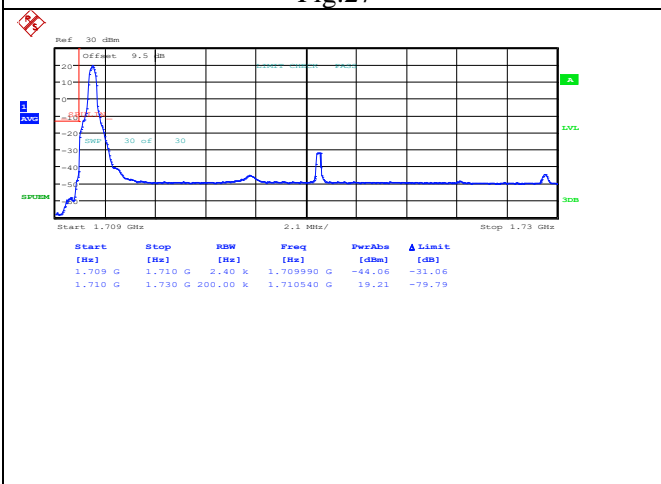


Fig.29

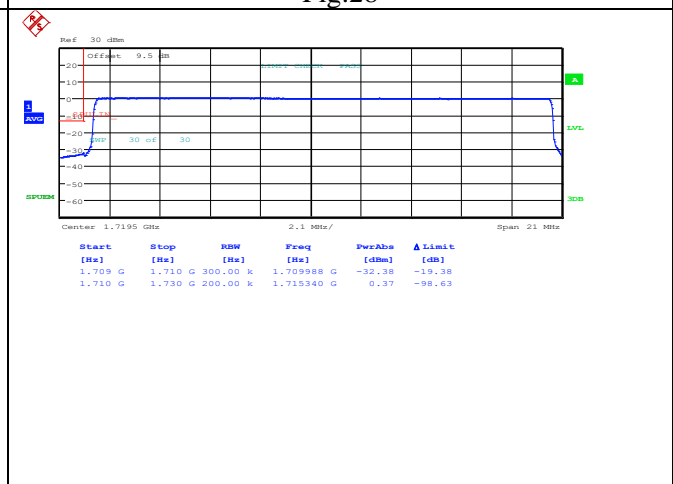


Fig.30

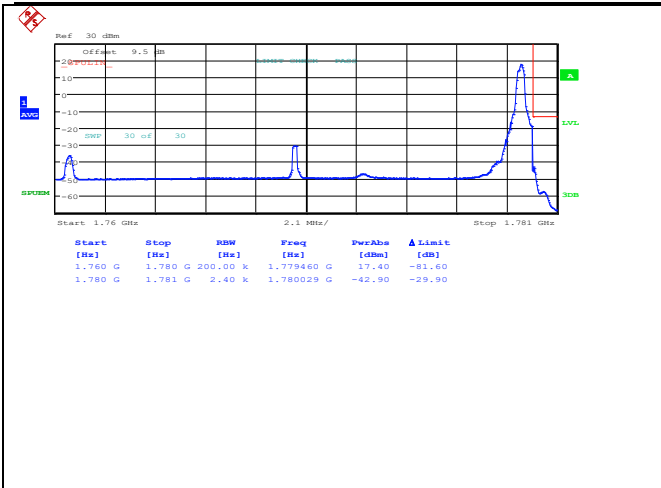


Fig.31

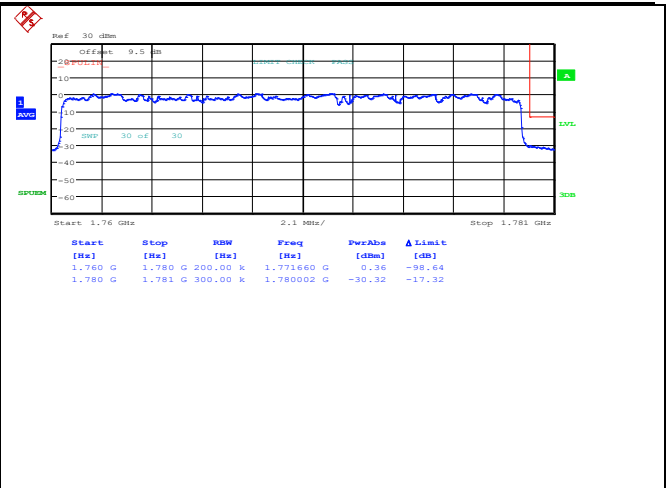


Fig.32

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) N66 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) N66 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	---	---	---	0.00
+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	1712.5	342500	5	15kHz	Inner_1RB_Left	23.72	21.22	0.132
					Inner_1RB_Right	23.76	21.26	0.134
					Inner_Full	23.65	21.15	0.130
	1745	349000			Inner_1RB_Left	23.58	21.08	0.128
					Inner_1RB_Right	23.57	21.07	0.128
					Inner_Full	23.69	21.19	0.132
	1777.5	355500			Inner_1RB_Left	23.37	20.87	0.122
					Inner_1RB_Right	23.4	20.9	0.123
					Inner_Full	23.48	20.98	0.125
DFT-QPSK	1712.5	342500	5	15kHz	Inner_1RB_Left	23.88	21.38	0.137
					Inner_1RB_Right	23.94	21.44	0.139
					Inner_Full	23.67	21.17	0.131
	1745	349000			Inner_1RB_Left	23.7	21.2	0.132
					Inner_1RB_Right	23.7	21.2	0.132
					Inner_Full	23.63	21.13	0.130
	1777.5	355500			Inner_1RB_Left	23.5	21	0.126
					Inner_1RB_Right	23.54	21.04	0.127
					Inner_Full	23.46	20.96	0.125
DFT-16QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	22.83	20.33	0.108
					Inner_1RB_Right	22.83	20.33	0.108
					Inner_Full	22.71	20.21	0.105
	1745	349000			Inner_1RB_Left	22.78	20.28	0.107
					Inner_1RB_Right	22.81	20.31	0.107
					Inner_Full	22.78	20.28	0.107
	1777.5	355500			Inner_1RB_Left	22.56	20.06	0.101
					Inner_1RB_Right	22.58	20.08	0.102
					Inner_Full	22.56	20.06	0.101
DFT-64QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	20.8	18.3	0.068
					Inner_1RB_Right	20.82	18.32	0.068
					Inner_Full	21.17	18.67	0.074
	1745	349000			Inner_1RB_Left	20.95	18.45	0.070
					Inner_1RB_Right	21.02	18.52	0.071
					Inner_Full	21.23	18.73	0.075
	1777.5	355500			Inner_1RB_Left	20.78	18.28	0.067
					Inner_1RB_Right	20.79	18.29	0.067
					Inner_Full	21.06	18.56	0.072
DFT-256QAM	1712.5	342500	5	15kHz	Inner_1RB_Left	19.01	16.51	0.045
					Inner_1RB_Right	19.06	16.56	0.045
					Inner_Full	19.08	16.58	0.045
	1745	349000			Inner_1RB_Left	19.08	16.58	0.045
					Inner_1RB_Right	19.09	16.59	0.046
					Inner_Full	19.15	16.65	0.046
	1777.5	355500			Inner_1RB_Left	18.99	16.49	0.045
					Inner_1RB_Right	18.97	16.47	0.044
					Inner_Full	18.98	16.48	0.044

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
CP-QPSK	1712.5	342500	5	15kHz	Inner_1RB_Left	22.12	19.62	0.092
					Inner_1RB_Right	22.08	19.58	0.091
					Inner_Full	22.13	19.63	0.092
	1745	349000			Inner_1RB_Left	22.16	19.66	0.092
					Inner_1RB_Right	22.17	19.67	0.093
					Inner_Full	22.18	19.68	0.093
	1777.5	355500			Inner_1RB_Left	22.01	19.51	0.089
					Inner_1RB_Right	21.99	19.49	0.089
					Inner_Full	21.99	19.49	0.089
CP-16QAM	1712.5	342500			Inner_1RB_Left	21.8	19.3	0.085
					Inner_1RB_Right	21.76	19.26	0.084
					Inner_Full	21.79	19.29	0.085
	1745	349000			Inner_1RB_Left	21.84	19.34	0.086
					Inner_1RB_Right	21.8	19.3	0.085
					Inner_Full	21.79	19.29	0.085
	1777.5	355500			Inner_1RB_Left	21.68	19.18	0.083
					Inner_1RB_Right	21.6	19.1	0.081
					Inner_Full	21.61	19.11	0.081
CP-64QAM	1712.5	342500			Inner_1RB_Left	19.84	17.34	0.054
					Inner_1RB_Right	19.85	17.35	0.054
					Inner_Full	20.22	17.72	0.059
	1745	349000			Inner_1RB_Left	19.88	17.38	0.055
					Inner_1RB_Right	19.89	17.39	0.055
					Inner_Full	20.19	17.69	0.059
	1777.5	355500			Inner_1RB_Left	19.65	17.15	0.052
					Inner_1RB_Right	19.64	17.14	0.052
					Inner_Full	19.97	17.47	0.056
CP-256QAM	1712.5	342500	Inner_1RB_Left	16.98	14.48	0.028		
			Inner_1RB_Right	16.98	14.48	0.028		
			Inner_Full	17.13	14.63	0.029		
	1745	349000	Inner_1RB_Left	17.05	14.55	0.029		
			Inner_1RB_Right	17.04	14.54	0.028		
			Inner_Full	17.17	14.67	0.029		
	1777.5	355500	Inner_1RB_Left	16.78	14.28	0.027		
			Inner_1RB_Right	16.75	14.25	0.027		
			Inner_Full	16.92	14.42	0.028		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	1715	343000	10	15kHz	Inner_1RB_Left	23.6	21.1	0.129
					Inner_1RB_Right	23.6	21.1	0.129
					Inner_Full	23.68	21.18	0.131
	1745	349000			Inner_1RB_Left	23.64	21.14	0.130
					Inner_1RB_Right	23.68	21.18	0.131
					Inner_Full	23.67	21.17	0.131
	1775	355000			Inner_1RB_Left	23.47	20.97	0.125
					Inner_1RB_Right	23.43	20.93	0.124
					Inner_Full	23.52	21.02	0.126
DFT-QPSK	1715	343000	10	15kHz	Inner_1RB_Left	23.62	21.12	0.129
					Inner_1RB_Right	23.72	21.22	0.132
					Inner_Full	23.69	21.19	0.132
	1745	349000			Inner_1RB_Left	23.65	21.15	0.130
					Inner_1RB_Right	23.74	21.24	0.133
					Inner_Full	23.7	21.2	0.132
	1775	355000			Inner_1RB_Left	23.54	21.04	0.127
					Inner_1RB_Right	23.51	21.01	0.126
					Inner_Full	23.51	21.01	0.126
DFT-16QAM	1715	343000	10	15kHz	Inner_1RB_Left	22.83	20.33	0.108
					Inner_1RB_Right	22.94	20.44	0.111
					Inner_Full	22.78	20.28	0.107
	1745	349000			Inner_1RB_Left	22.79	20.29	0.107
					Inner_1RB_Right	22.81	20.31	0.107
					Inner_Full	22.69	20.19	0.104
	1775	355000			Inner_1RB_Left	22.69	20.19	0.104
					Inner_1RB_Right	22.66	20.16	0.104
					Inner_Full	22.49	19.99	0.100
DFT-64QAM	1715	343000	10	15kHz	Inner_1RB_Left	20.92	18.42	0.070
					Inner_1RB_Right	20.85	18.35	0.068
					Inner_Full	21.25	18.75	0.075
	1745	349000			Inner_1RB_Left	21.04	18.54	0.071
					Inner_1RB_Right	21.02	18.52	0.071
					Inner_Full	21.25	18.75	0.075
	1775	355000			Inner_1RB_Left	20.84	18.34	0.068
					Inner_1RB_Right	20.89	18.39	0.069
					Inner_Full	21.04	18.54	0.071
DFT-256QAM	1715	343000	10	15kHz	Inner_1RB_Left	19.07	16.57	0.045
					Inner_1RB_Right	19.07	16.57	0.045
					Inner_Full	19.2	16.7	0.047
	1745	349000			Inner_1RB_Left	19.07	16.57	0.045
					Inner_1RB_Right	19.06	16.56	0.045
					Inner_Full	19.17	16.67	0.046
	1775	355000			Inner_1RB_Left	18.94	16.44	0.044
					Inner_1RB_Right	18.89	16.39	0.044
					Inner_Full	19	16.5	0.045

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
CP-QPSK	1715	343000	10	15kHz	Inner_1RB_Left	22.16	19.66	0.092
					Inner_1RB_Right	22.24	19.74	0.094
					Inner_Full	22.2	19.7	0.093
	1745	349000			Inner_1RB_Left	22.15	19.65	0.092
					Inner_1RB_Right	22.28	19.78	0.095
					Inner_Full	22.18	19.68	0.093
	1775	355000			Inner_1RB_Left	22.06	19.56	0.090
					Inner_1RB_Right	21.99	19.49	0.089
					Inner_Full	22	19.5	0.089
CP-16QAM	1715	343000	10	15kHz	Inner_1RB_Left	21.86	19.36	0.086
					Inner_1RB_Right	21.91	19.41	0.087
					Inner_Full	21.72	19.22	0.084
	1745	349000			Inner_1RB_Left	21.86	19.36	0.086
					Inner_1RB_Right	21.89	19.39	0.087
					Inner_Full	21.7	19.2	0.083
	1775	355000			Inner_1RB_Left	21.61	19.11	0.081
					Inner_1RB_Right	21.61	19.11	0.081
					Inner_Full	21.54	19.04	0.080
CP-64QAM	1715	343000	10	15kHz	Inner_1RB_Left	19.89	17.39	0.055
					Inner_1RB_Right	19.96	17.46	0.056
					Inner_Full	20.22	17.72	0.059
	1745	349000			Inner_1RB_Left	19.9	17.4	0.055
					Inner_1RB_Right	20	17.5	0.056
					Inner_Full	20.21	17.71	0.059
	1775	355000			Inner_1RB_Left	19.73	17.23	0.053
					Inner_1RB_Right	19.69	17.19	0.052
					Inner_Full	19.98	17.48	0.056
CP-256QAM	1715	343000	10	15kHz	Inner_1RB_Left	17.12	14.62	0.029
					Inner_1RB_Right	17.16	14.66	0.029
					Inner_Full	17.12	14.62	0.029
	1745	349000			Inner_1RB_Left	17.1	14.6	0.029
					Inner_1RB_Right	17.09	14.59	0.029
					Inner_Full	17.11	14.61	0.029
	1775	355000			Inner_1RB_Left	16.85	14.35	0.027
					Inner_1RB_Right	16.88	14.38	0.027
					Inner_Full	16.94	14.44	0.028

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	1717.5	343500	15	15kHz	Inner_1RB_Left	23.39	20.89	0.123
					Inner_1RB_Right	23.52	21.02	0.126
					Inner_Full	23.48	20.98	0.125
	1745	349000			Inner_1RB_Left	23.46	20.96	0.125
					Inner_1RB_Right	23.56	21.06	0.128
					Inner_Full	23.57	21.07	0.128
	1772.5	354500			Inner_1RB_Left	23.31	20.81	0.121
					Inner_1RB_Right	23.29	20.79	0.120
					Inner_Full	23.24	20.74	0.119
DFT-QPSK	1717.5	343500	15	15kHz	Inner_1RB_Left	23.48	20.98	0.125
					Inner_1RB_Right	23.67	21.17	0.131
					Inner_Full	23.48	20.98	0.125
	1745	349000			Inner_1RB_Left	23.58	21.08	0.128
					Inner_1RB_Right	23.67	21.17	0.131
					Inner_Full	23.51	21.01	0.126
	1772.5	354500			Inner_1RB_Left	23.34	20.84	0.121
					Inner_1RB_Right	23.26	20.76	0.119
					Inner_Full	23.27	20.77	0.119
DFT-16QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	22.67	20.17	0.104
					Inner_1RB_Right	22.8	20.3	0.107
					Inner_Full	22.57	20.07	0.102
	1745	349000			Inner_1RB_Left	22.69	20.19	0.104
					Inner_1RB_Right	22.77	20.27	0.106
					Inner_Full	22.58	20.08	0.102
	1772.5	354500			Inner_1RB_Left	22.41	19.91	0.098
					Inner_1RB_Right	22.37	19.87	0.097
					Inner_Full	22.25	19.75	0.094
DFT-64QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	20.77	18.27	0.067
					Inner_1RB_Right	20.71	18.21	0.066
					Inner_Full	20.97	18.47	0.070
	1745	349000			Inner_1RB_Left	20.81	18.31	0.068
					Inner_1RB_Right	20.91	18.41	0.069
					Inner_Full	21.01	18.51	0.071
	1772.5	354500			Inner_1RB_Left	20.65	18.15	0.065
					Inner_1RB_Right	20.57	18.07	0.064
					Inner_Full	20.71	18.21	0.066
DFT-256QAM	1717.5	343500	15	15kHz	Inner_1RB_Left	18.91	16.41	0.044
					Inner_1RB_Right	18.99	16.49	0.045
					Inner_Full	19.05	16.55	0.045
	1745	349000			Inner_1RB_Left	18.9	16.4	0.044
					Inner_1RB_Right	19.04	16.54	0.045
					Inner_Full	19.05	16.55	0.045
	1772.5	354500			Inner_1RB_Left	18.74	16.24	0.042
					Inner_1RB_Right	18.69	16.19	0.042
					Inner_Full	18.78	16.28	0.042

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
CP-QPSK	1717.5	343500	15	15kHz	Inner_1RB_Left	21.98	19.48	0.089
					Inner_1RB_Right	22.17	19.67	0.093
					Inner_Full	22.01	19.51	0.089
	1745	349000			Inner_1RB_Left	22.02	19.52	0.090
					Inner_1RB_Right	22.14	19.64	0.092
					Inner_Full	22.04	19.54	0.090
	1772.5	354500			Inner_1RB_Left	21.85	19.35	0.086
					Inner_1RB_Right	21.79	19.29	0.085
					Inner_Full	21.74	19.24	0.084
CP-16QAM	1717.5	343500			Inner_1RB_Left	21.7	19.2	0.083
					Inner_1RB_Right	21.89	19.39	0.087
					Inner_Full	21.51	19.01	0.080
	1745	349000			Inner_1RB_Left	21.81	19.31	0.085
					Inner_1RB_Right	21.95	19.45	0.088
					Inner_Full	21.55	19.05	0.080
	1772.5	354500			Inner_1RB_Left	21.53	19.03	0.080
					Inner_1RB_Right	21.56	19.06	0.081
					Inner_Full	21.22	18.72	0.074
CP-64QAM	1717.5	343500			Inner_1RB_Left	19.69	17.19	0.052
					Inner_1RB_Right	19.9	17.4	0.055
					Inner_Full	20.08	17.58	0.057
	1745	349000			Inner_1RB_Left	19.8	17.3	0.054
					Inner_1RB_Right	19.91	17.41	0.055
					Inner_Full	20.08	17.58	0.057
	1772.5	354500			Inner_1RB_Left	19.55	17.05	0.051
					Inner_1RB_Right	19.54	17.04	0.051
					Inner_Full	19.8	17.3	0.054
CP-256QAM	1717.5	343500	Inner_1RB_Left	16.93	14.43	0.028		
			Inner_1RB_Right	17.05	14.55	0.029		
			Inner_Full	17.03	14.53	0.028		
	1745	349000	Inner_1RB_Left	16.97	14.47	0.028		
			Inner_1RB_Right	17.09	14.59	0.029		
			Inner_Full	17.02	14.52	0.028		
	1772.5	354500	Inner_1RB_Left	16.77	14.27	0.027		
			Inner_1RB_Right	16.79	14.29	0.027		
			Inner_Full	16.72	14.22	0.026		

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-PI2BPSK	1720	344000	20	15kHz	Inner_1RB_Left	23.55	21.05	0.127
					Inner_1RB_Right	23.64	21.14	0.130
					Inner_Full	23.57	21.07	0.128
	1745	349000			Inner_1RB_Left	23.5	21	0.126
					Inner_1RB_Right	23.56	21.06	0.128
					Inner_Full	23.51	21.01	0.126
	1770	354000			Inner_1RB_Left	23.37	20.87	0.122
					Inner_1RB_Right	23.26	20.76	0.119
					Inner_Full	23.3	20.8	0.120
DFT-QPSK	1720	344000	20	15kHz	Inner_1RB_Left	23.48	20.98	0.125
					Inner_1RB_Right	23.66	21.16	0.131
					Inner_Full	23.61	21.11	0.129
	1745	349000			Inner_1RB_Left	23.53	21.03	0.127
					Inner_1RB_Right	23.64	21.14	0.130
					Inner_Full	23.56	21.06	0.128
	1770	354000			Inner_1RB_Left	23.26	20.76	0.119
					Inner_1RB_Right	23.29	20.79	0.120
					Inner_Full	23.28	20.78	0.120
DFT-16QAM	1720	344000	20	15kHz	Inner_1RB_Left	22.54	20.04	0.101
					Inner_1RB_Right	22.71	20.21	0.105
					Inner_Full	22.57	20.07	0.102
	1745	349000			Inner_1RB_Left	22.77	20.27	0.106
					Inner_1RB_Right	22.85	20.35	0.108
					Inner_Full	22.48	19.98	0.100
	1770	354000			Inner_1RB_Left	22.61	20.11	0.103
					Inner_1RB_Right	22.44	19.94	0.099
					Inner_Full	22.29	19.79	0.095
DFT-64QAM	1720	344000	20	15kHz	Inner_1RB_Left	20.65	18.15	0.065
					Inner_1RB_Right	20.78	18.28	0.067
					Inner_Full	20.97	18.47	0.070
	1745	349000			Inner_1RB_Left	20.74	18.24	0.067
					Inner_1RB_Right	20.4	17.9	0.062
					Inner_Full	21.04	18.54	0.071
	1770	354000			Inner_1RB_Left	20.38	17.88	0.061
					Inner_1RB_Right	20.6	18.1	0.065
					Inner_Full	20.84	18.34	0.068
DFT-256QAM	1720	344000	20	15kHz	Inner_1RB_Left	18.85	16.35	0.043
					Inner_1RB_Right	18.9	16.4	0.044
					Inner_Full	20.56	18.06	0.064
	1745	349000			Inner_1RB_Left	19.01	16.51	0.045
					Inner_1RB_Right	18.98	16.48	0.044
					Inner_Full	19.01	16.51	0.045
	1770	354000			Inner_1RB_Left	18.84	16.34	0.043
					Inner_1RB_Right	18.7	16.2	0.042
					Inner_Full	18.76	16.26	0.042

Modulation	Carrier frequency (MHz)	UL Channel	BW	SCS	RB Config	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
CP-QPSK	1720	344000	20	15kHz	Inner_1RB_Left	21.92	19.42	0.087
					Inner_1RB_Right	21.91	19.41	0.087
					Inner_Full	21.92	19.42	0.087
	1745	349000			Inner_1RB_Left	22.06	19.56	0.090
					Inner_1RB_Right	22.14	19.64	0.092
					Inner_Full	22.05	19.55	0.090
	1770	354000			Inner_1RB_Left	21.89	19.39	0.087
					Inner_1RB_Right	21.84	19.34	0.086
					Inner_Full	21.8	19.3	0.085
CP-16QAM	1720	344000			Inner_1RB_Left	21.47	18.97	0.079
					Inner_1RB_Right	21.52	19.02	0.080
					Inner_Full	21.47	18.97	0.079
	1745	349000			Inner_1RB_Left	21.81	19.31	0.085
					Inner_1RB_Right	21.86	19.36	0.086
					Inner_Full	21.53	19.03	0.080
	1770	354000			Inner_1RB_Left	21.64	19.14	0.082
					Inner_1RB_Right	21.54	19.04	0.080
					Inner_Full	21.28	18.78	0.076
CP-64QAM	1720	344000			Inner_1RB_Left	19.59	17.09	0.051
					Inner_1RB_Right	19.73	17.23	0.053
					Inner_Full	20.05	17.55	0.057
	1745	349000			Inner_1RB_Left	19.83	17.33	0.054
					Inner_1RB_Right	19.92	17.42	0.055
					Inner_Full	20.11	17.61	0.058
	1770	354000			Inner_1RB_Left	19.65	17.15	0.052
					Inner_1RB_Right	19.53	17.03	0.050
					Inner_Full	19.88	17.38	0.055
CP-256QAM	1720	344000	Inner_1RB_Left	16.83	14.33	0.027		
			Inner_1RB_Right	16.85	14.35	0.027		
			Inner_Full	19.78	17.28	0.053		
	1745	349000	Inner_1RB_Left	16.92	14.42	0.028		
			Inner_1RB_Right	17.03	14.53	0.028		
			Inner_Full	17.03	14.53	0.028		
	1770	354000	Inner_1RB_Left	16.82	14.32	0.027		
			Inner_1RB_Right	16.75	14.25	0.027		
			Inner_Full	16.78	14.28	0.027		

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	1712.5	342500	5	15kHz	Inner_1RB_Left	23.63	21.13	0.130
					Inner_1RB_Right	23.89	21.39	0.138
					Inner_Full	23.48	20.98	0.125
	1745	349000			Inner_1RB_Left	23.53	21.03	0.127
					Inner_1RB_Right	23.62	21.12	0.129
					Inner_Full	23.56	21.06	0.128
	1777.5	355500			Inner_1RB_Left	23.37	20.87	0.122
					Inner_1RB_Right	23.38	20.88	0.122
					Inner_Full	23.25	20.75	0.119