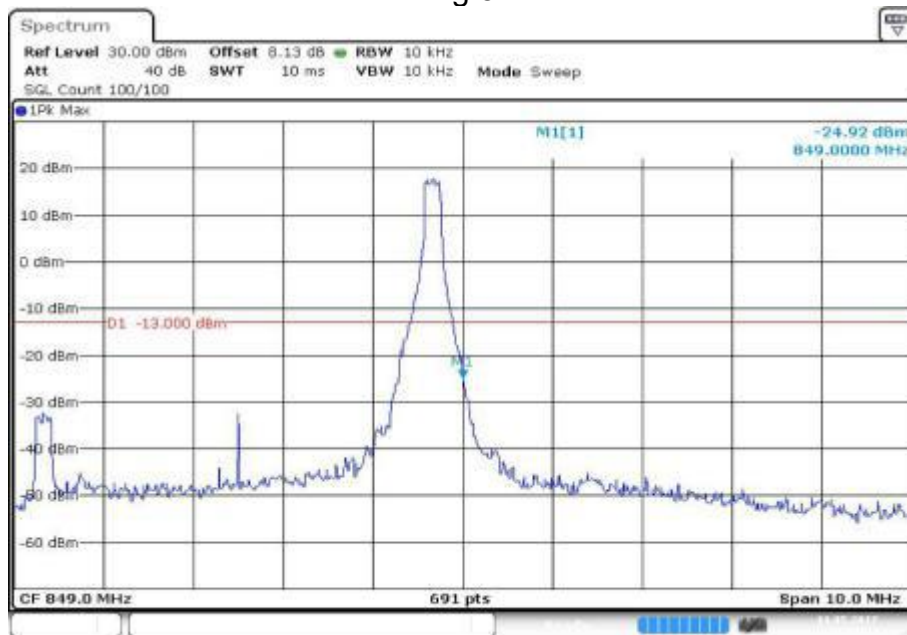


Date: 11 MAY 2017 11:27:11

Fig.5



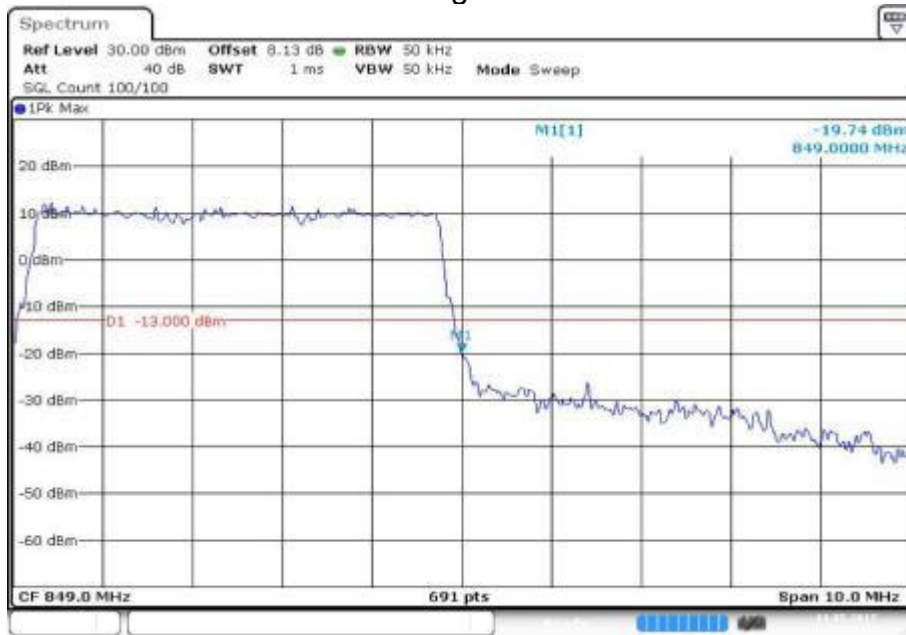
Date: 11 MAY 2017 11:27:22

Fig.6



Date: 11 MAY 2017 11:27:32

Fig.7



Date: 11 MAY 2017 11:27:42

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
5	829	8390	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

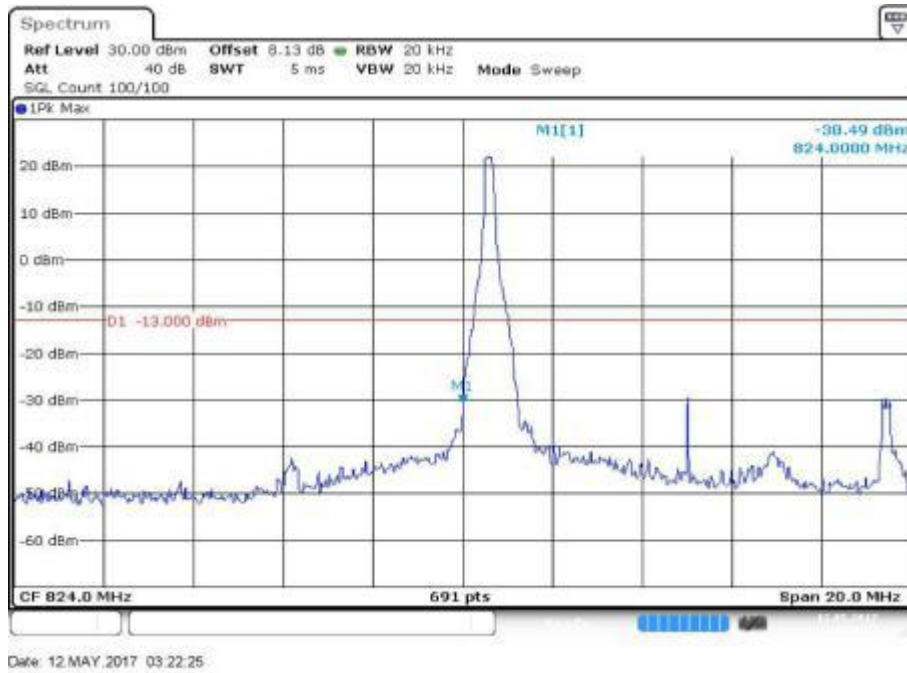


Fig.1

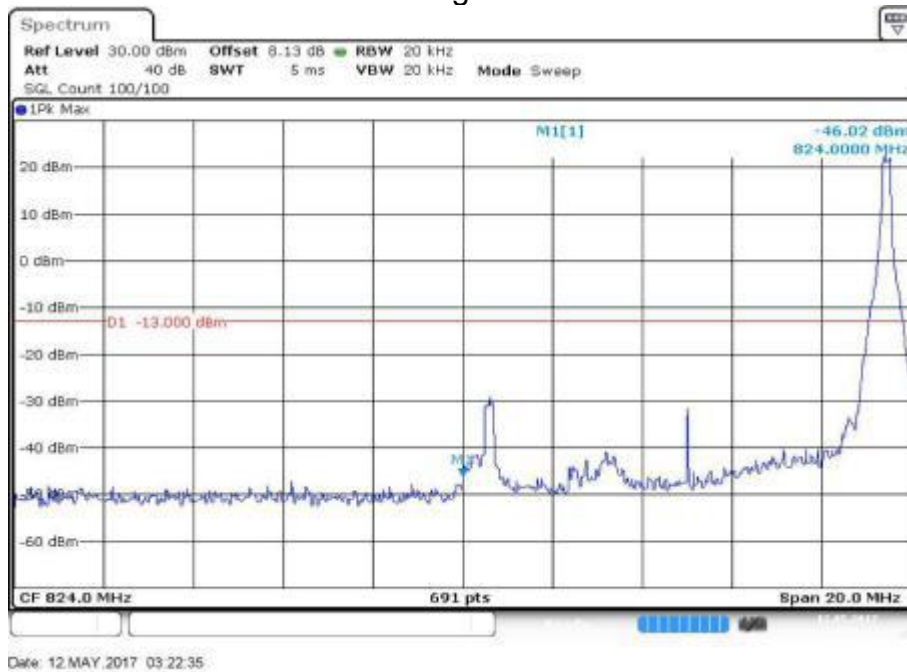


Fig.2

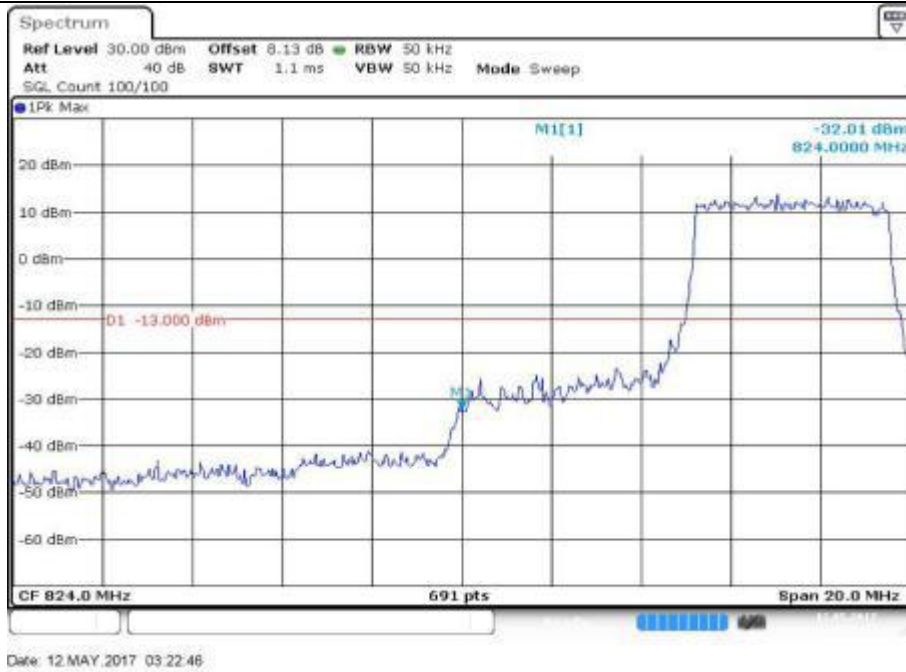


Fig.3

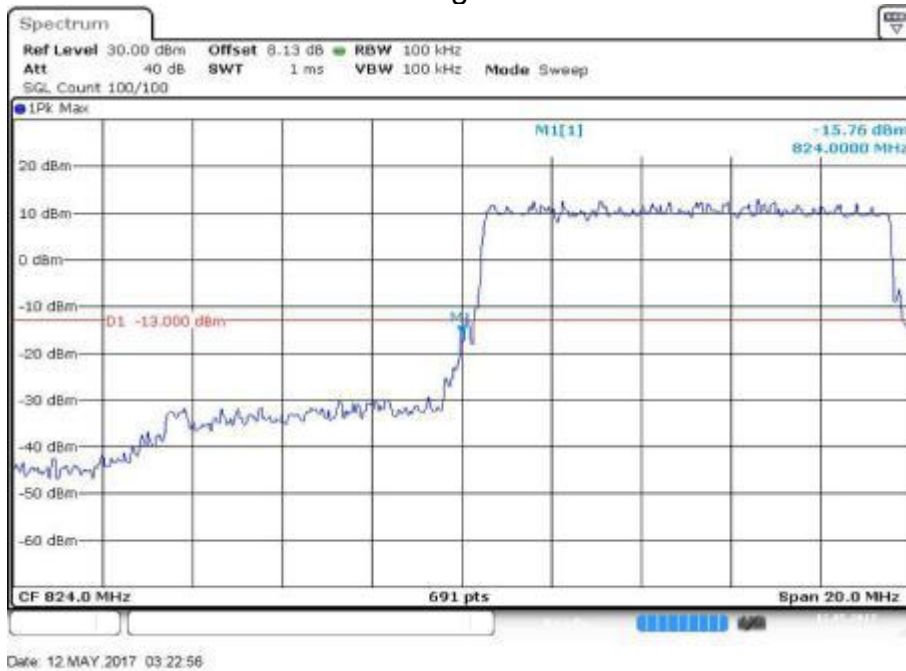
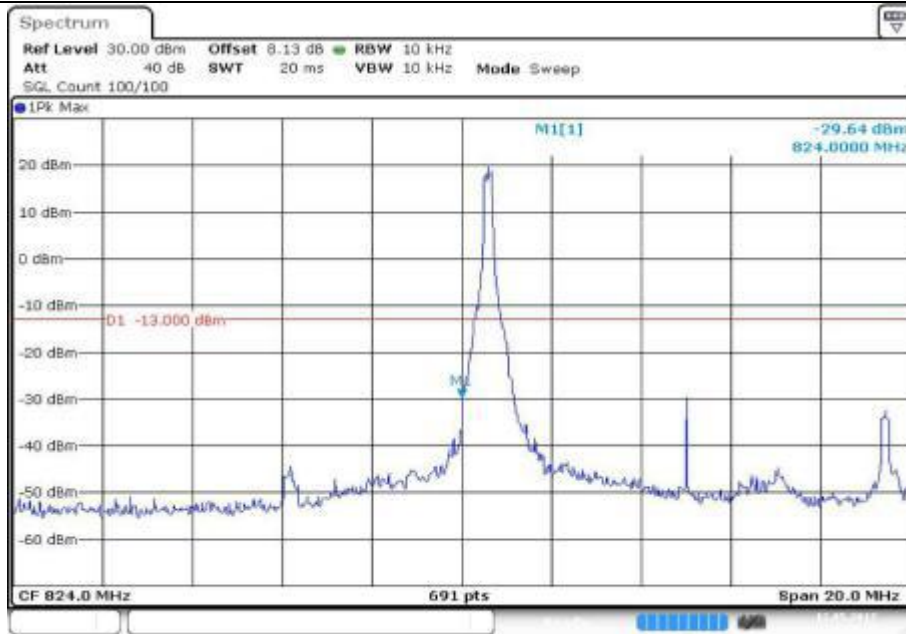
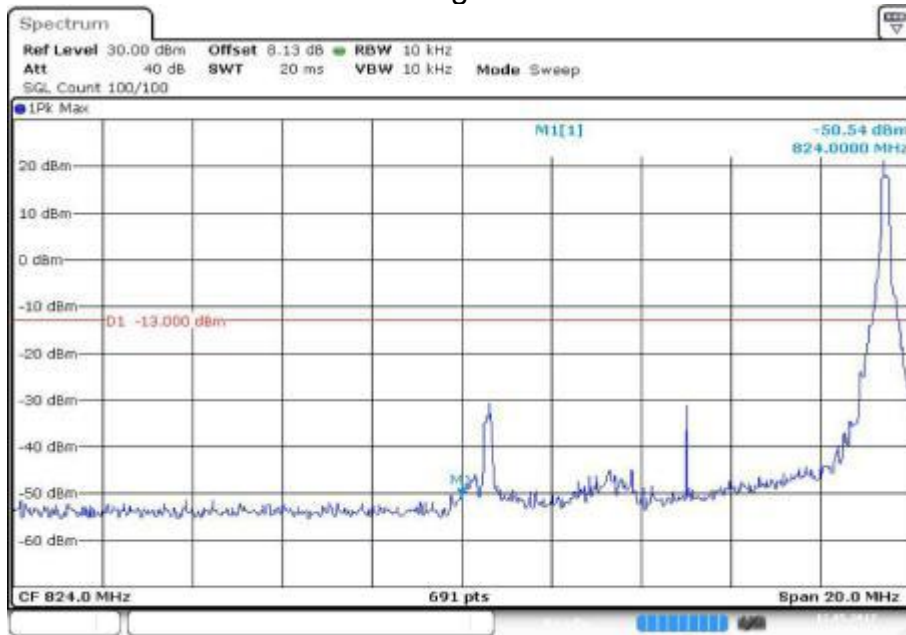


Fig.4



Date: 12.MAY.2017 03:23:09

Fig.5



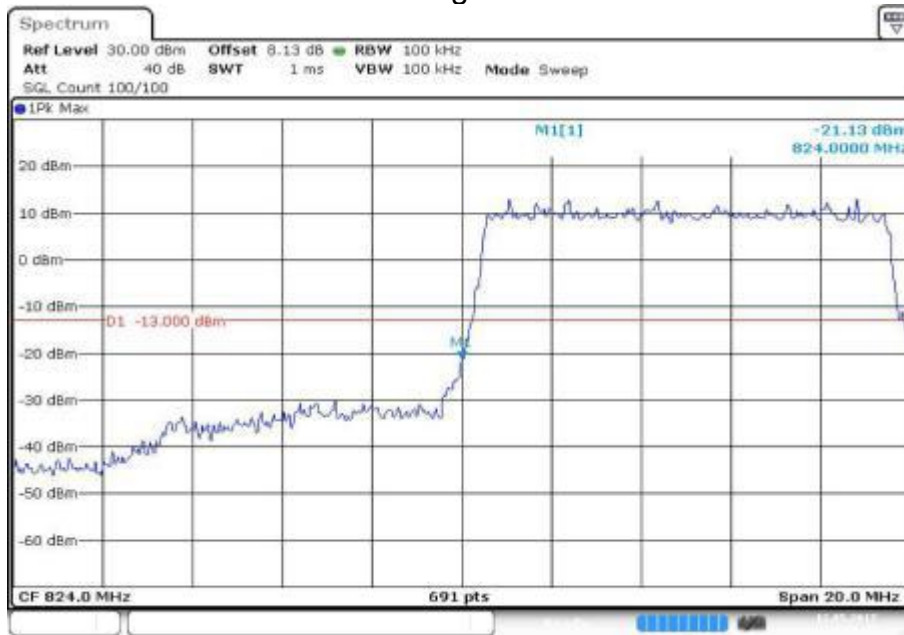
Date: 12.MAY.2017 03:23:22

Fig.6



Date: 12.MAY.2017 03:23:32

Fig.7



Date: 12.MAY.2017 03:23:42

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
5	844	8540	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

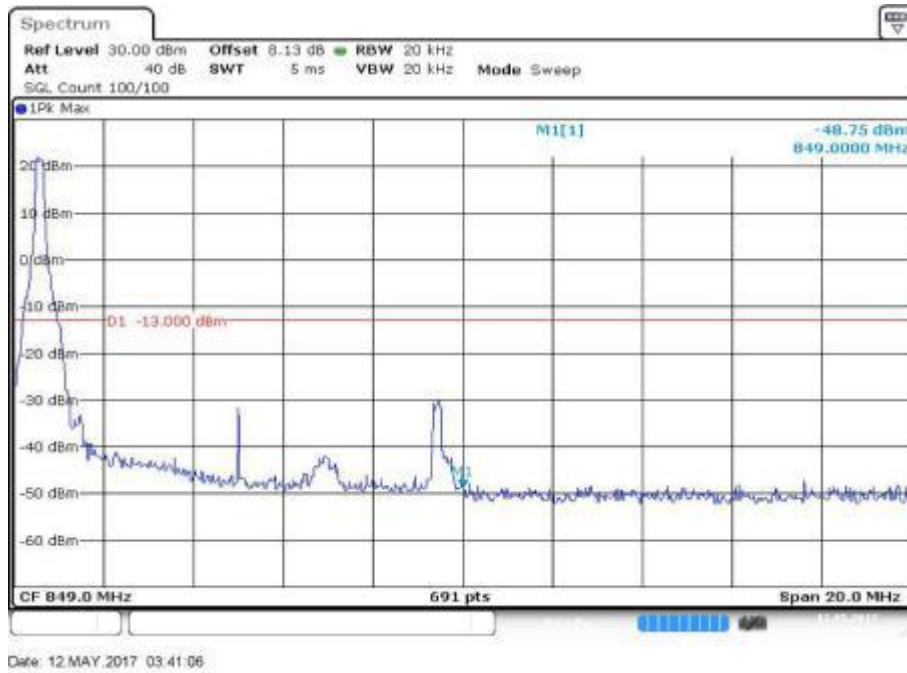


Fig.1

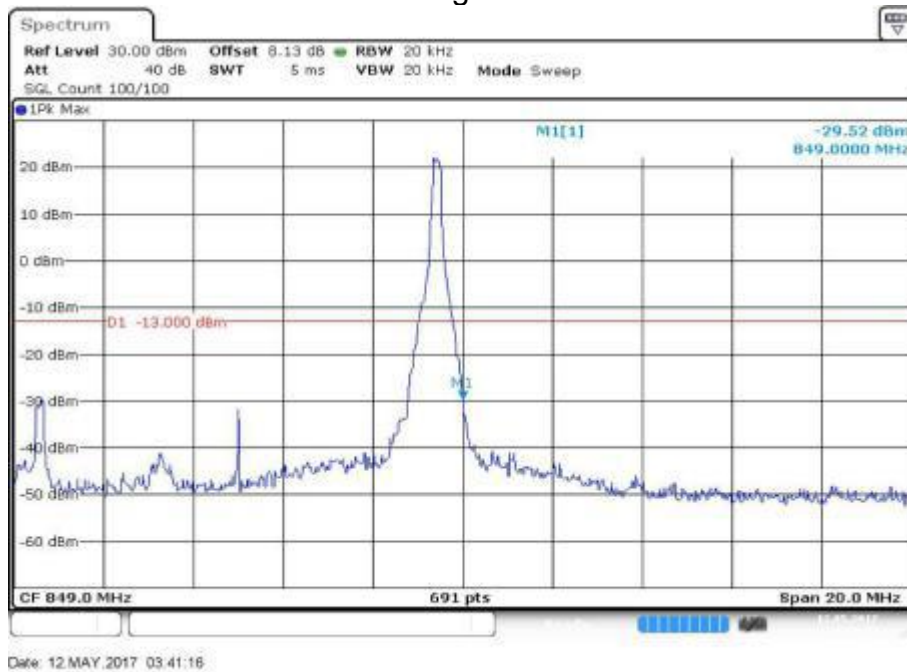
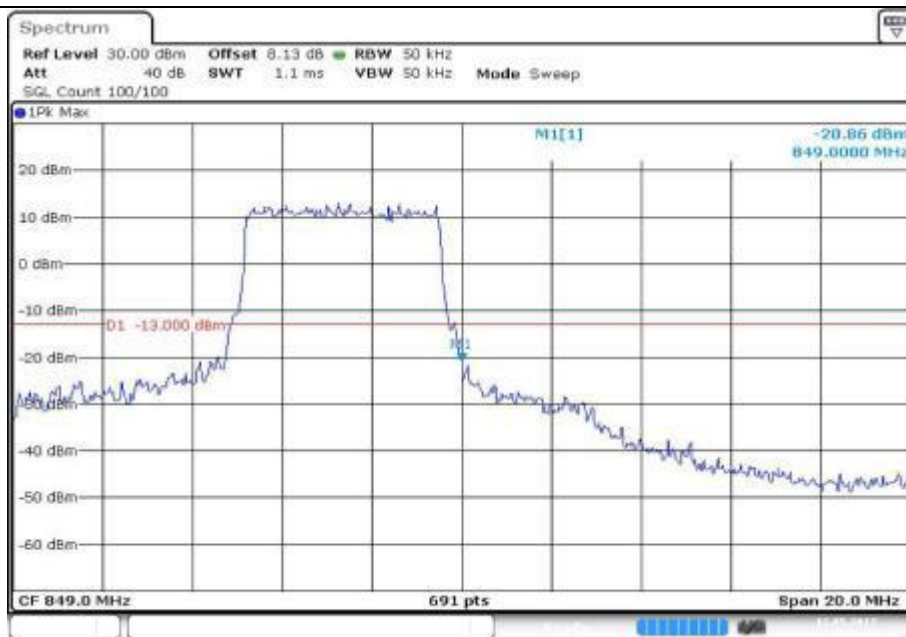
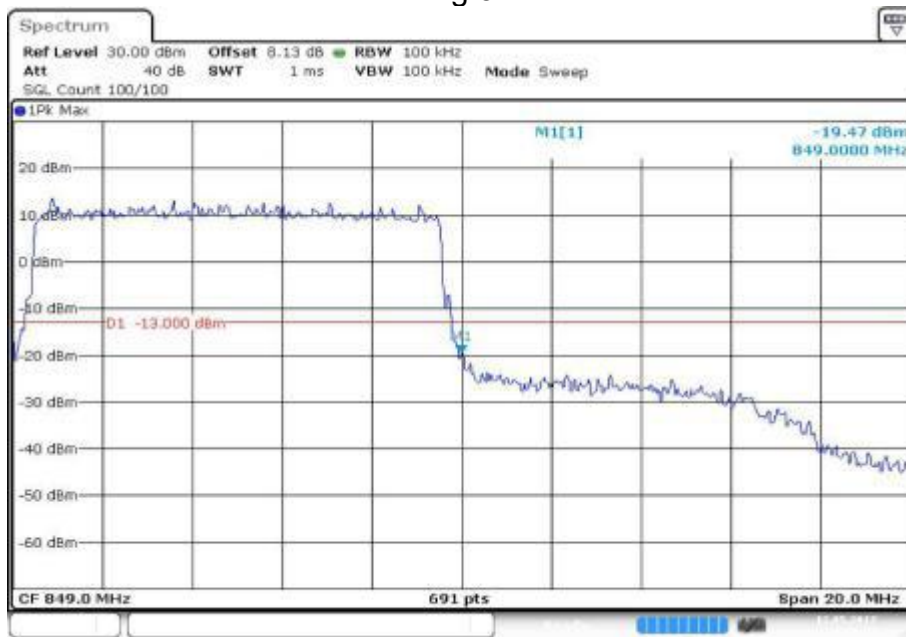


Fig.2



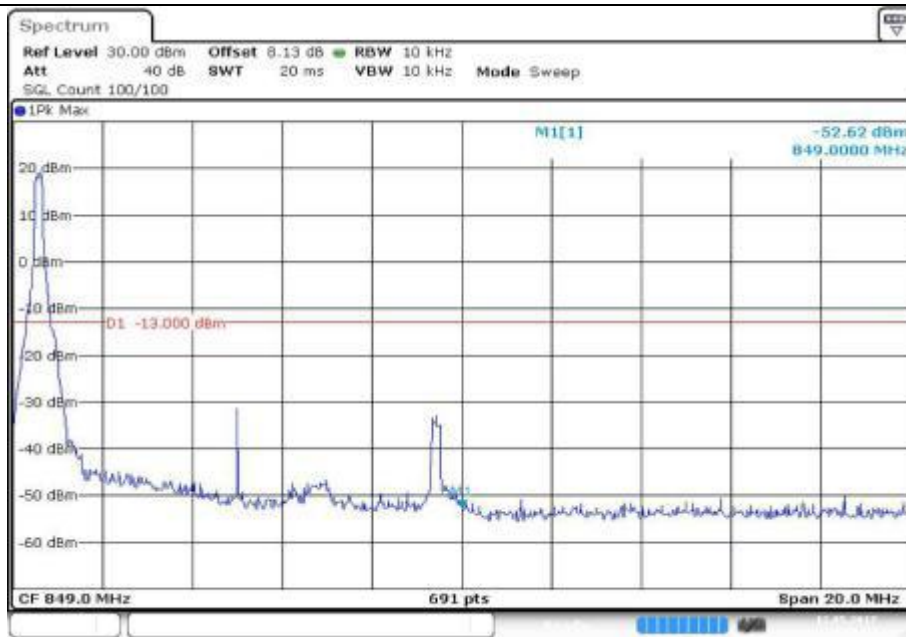
Date: 12.MAY.2017 03:41:26

Fig.3



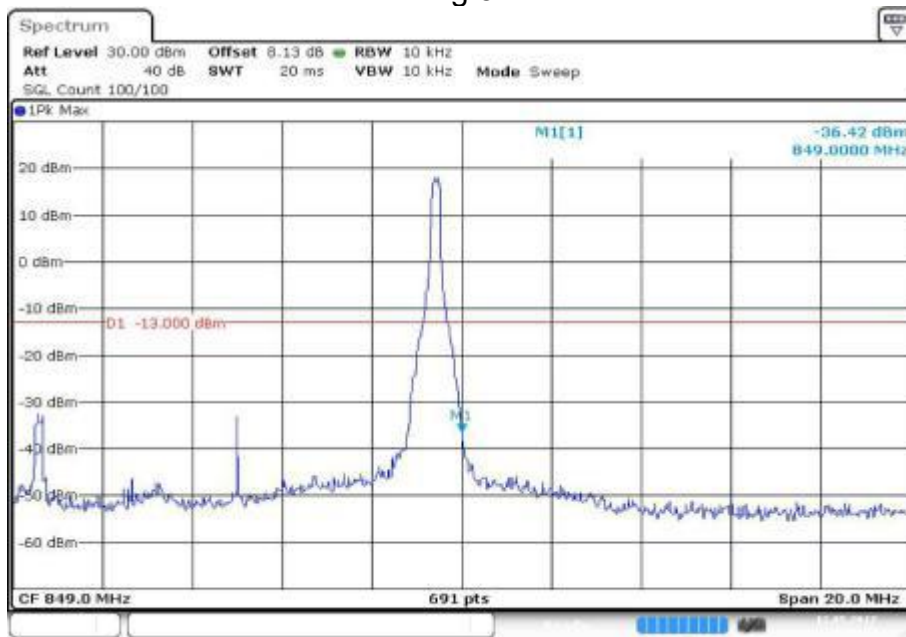
Date: 12.MAY.2017 03:41:36

Fig.4



Date: 12.MAY.2017 03:41:49

Fig.5



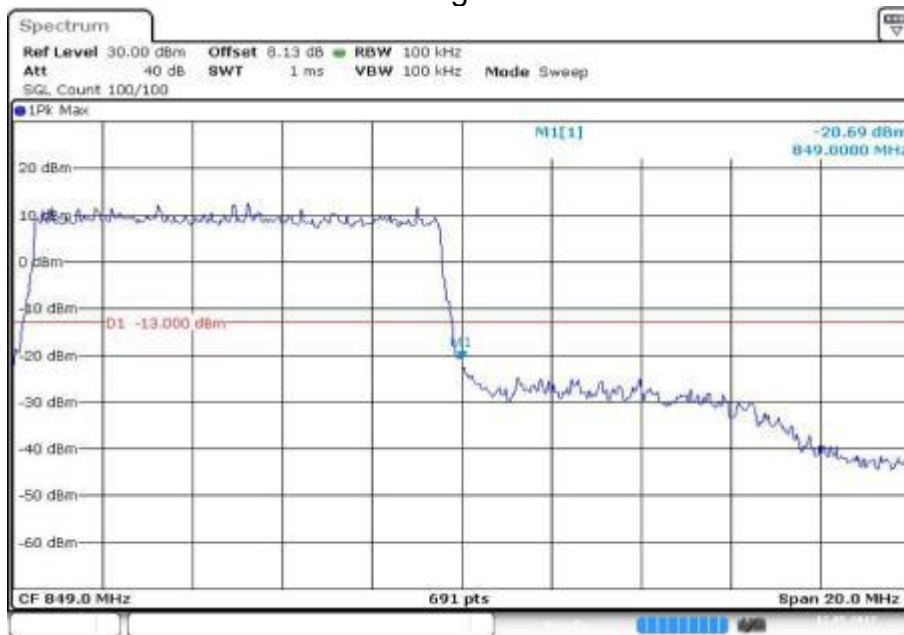
Date: 12.MAY.2017 03:42:02

Fig.6



Date: 12.MAY.2017 03:42:12

Fig.7



Date: 12.MAY.2017 03:42:23

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	699.7	23017	1.4	1	0	Fig.1	Fig.5
				1	5	Fig.2	Fig.6
				3	2	Fig.3	Fig.7
				6	0	Fig.4	Fig.8

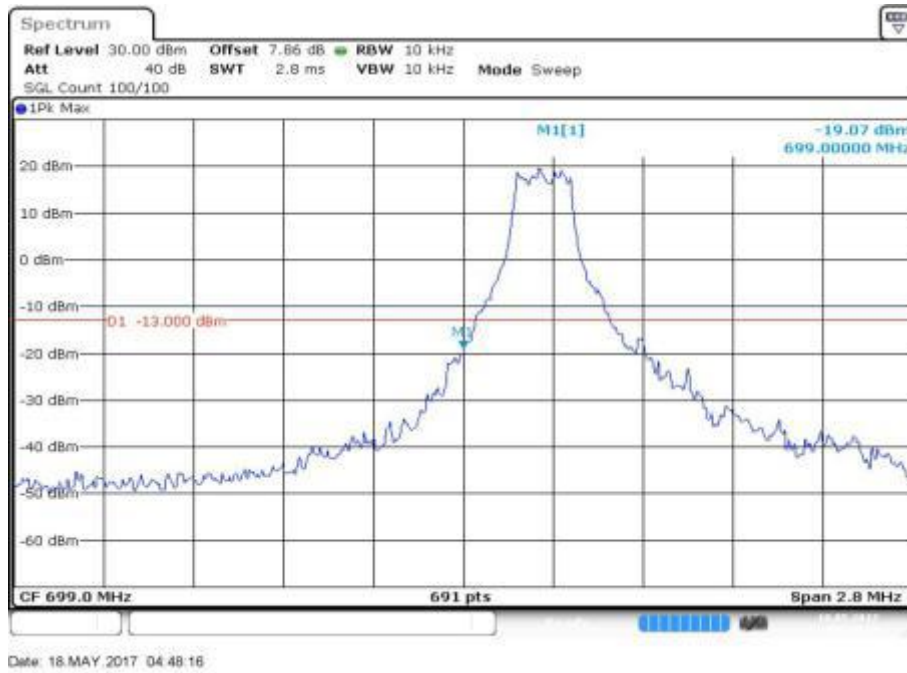


Fig.1



Fig.2



Fig.3

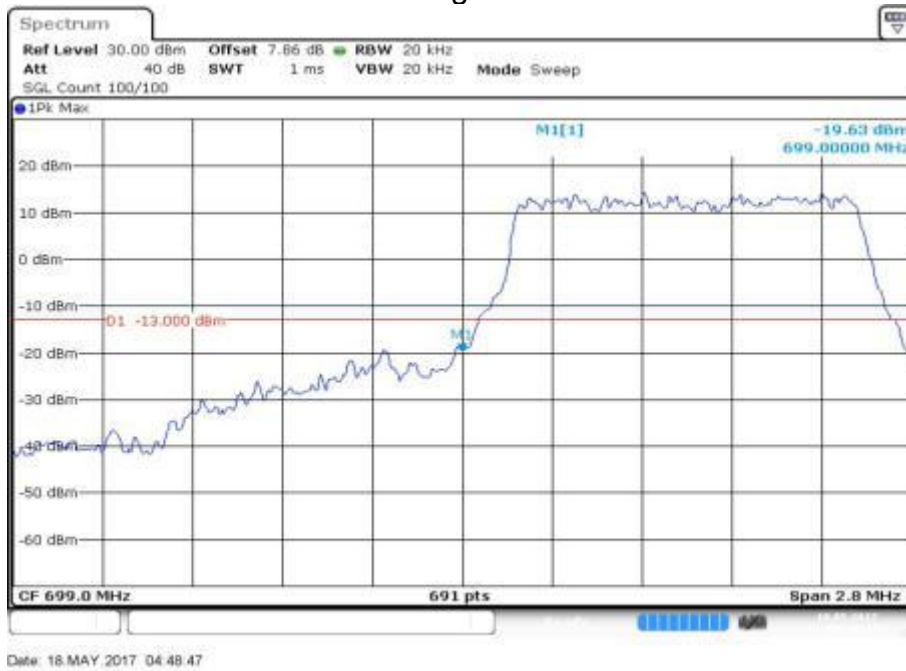


Fig.4

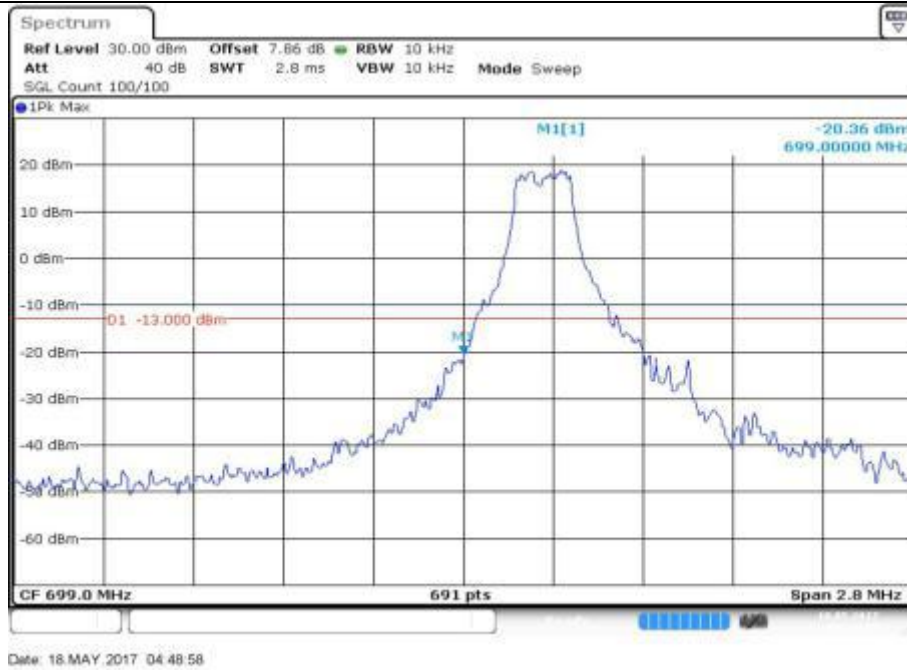


Fig.5

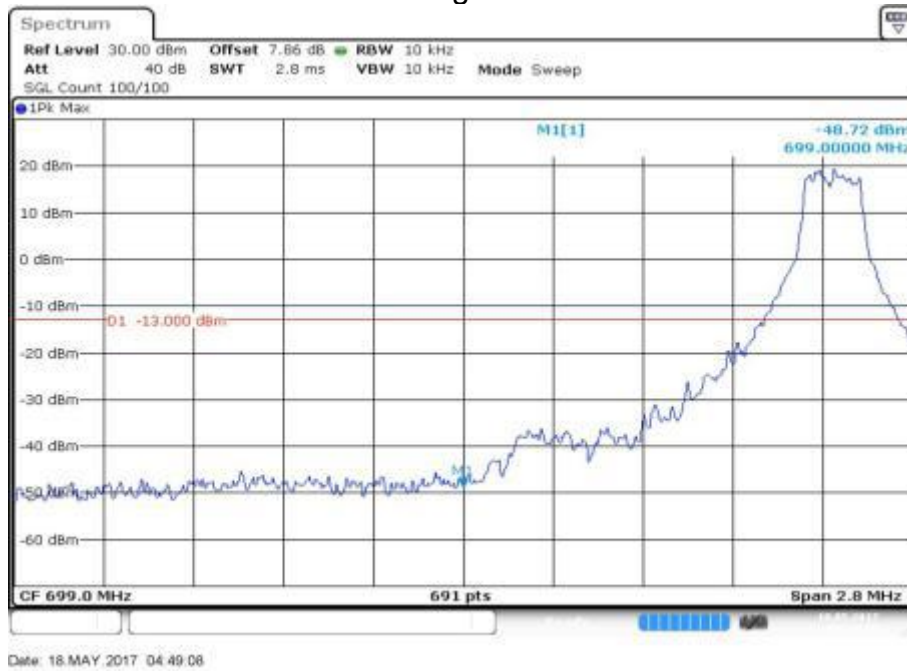
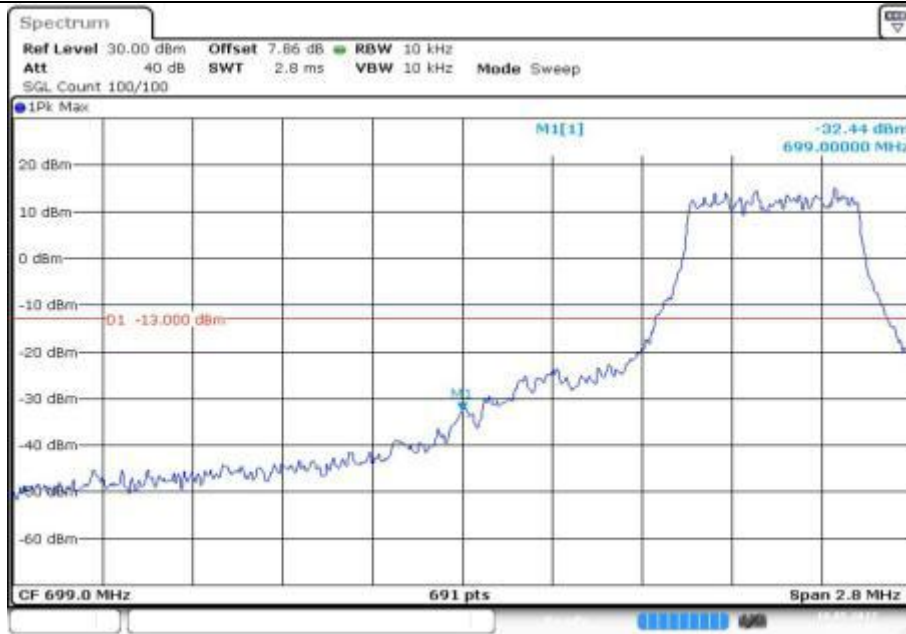
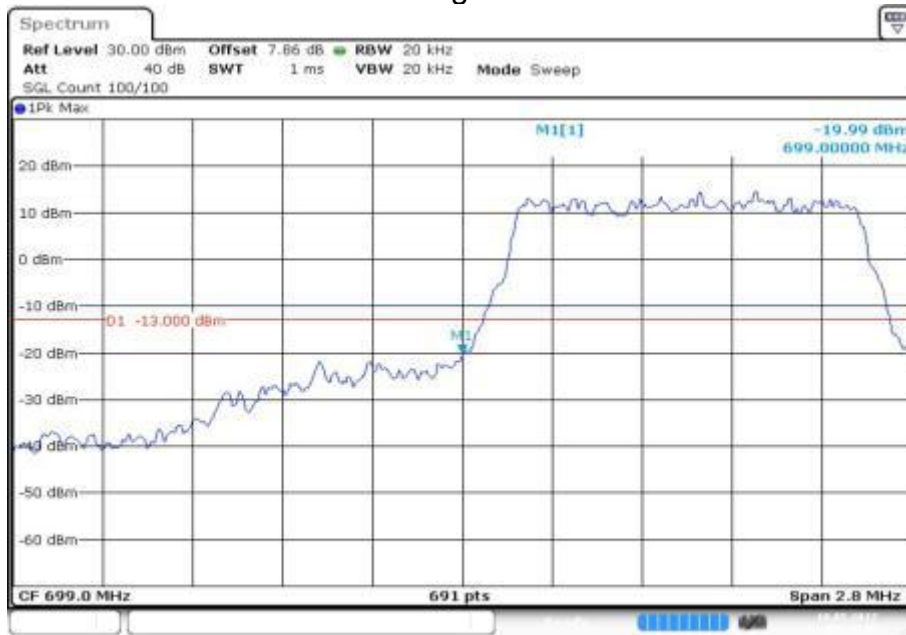


Fig.6



Date: 18.MAY.2017 04:49:19

Fig.7



Date: 18.MAY.2017 04:49:28

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	715.3	23173	1.4	1	0	Fig.1	Fig.5
				1	5	Fig.2	Fig.6
				3	2	Fig.3	Fig.7
				6	0	Fig.4	Fig.8

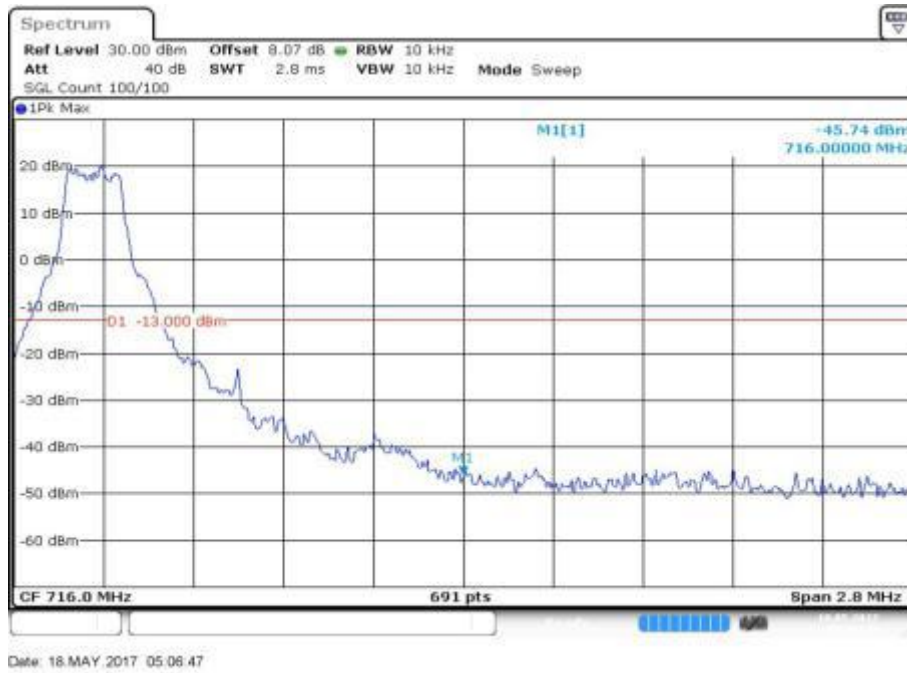


Fig.1

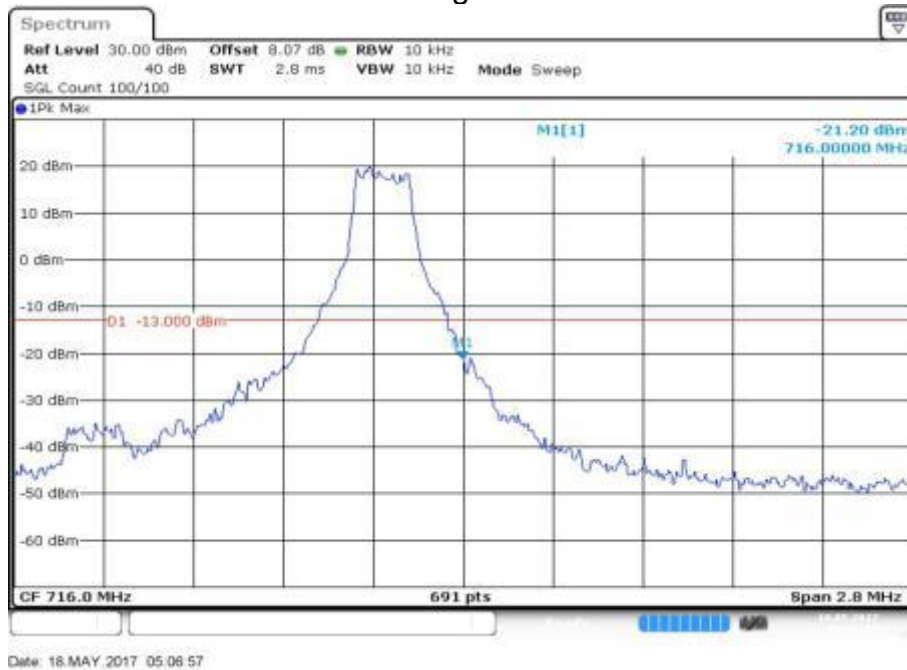
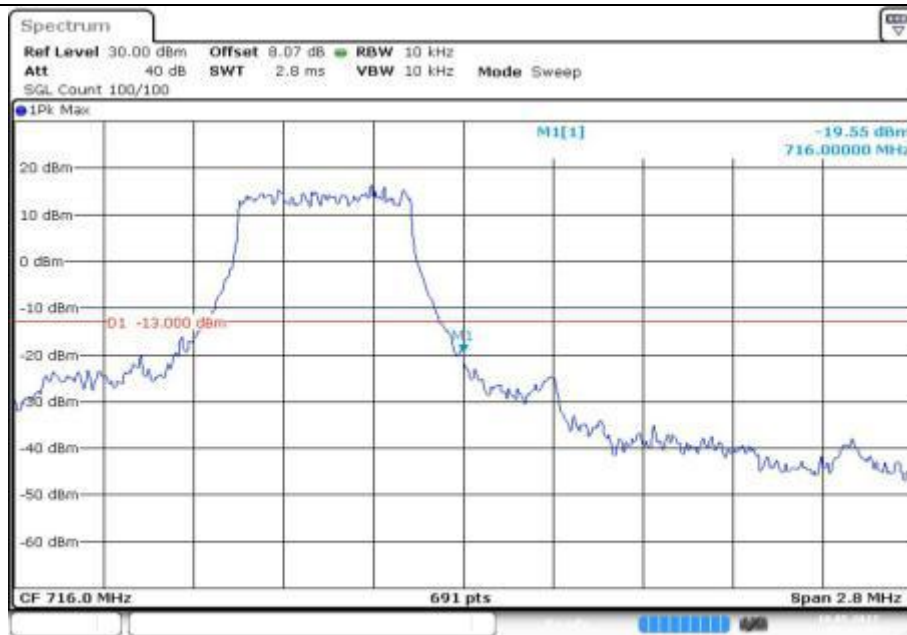


Fig.2



Date: 18.MAY.2017 05:07:07

Fig.3



Date: 18.MAY.2017 05:07:18

Fig.4

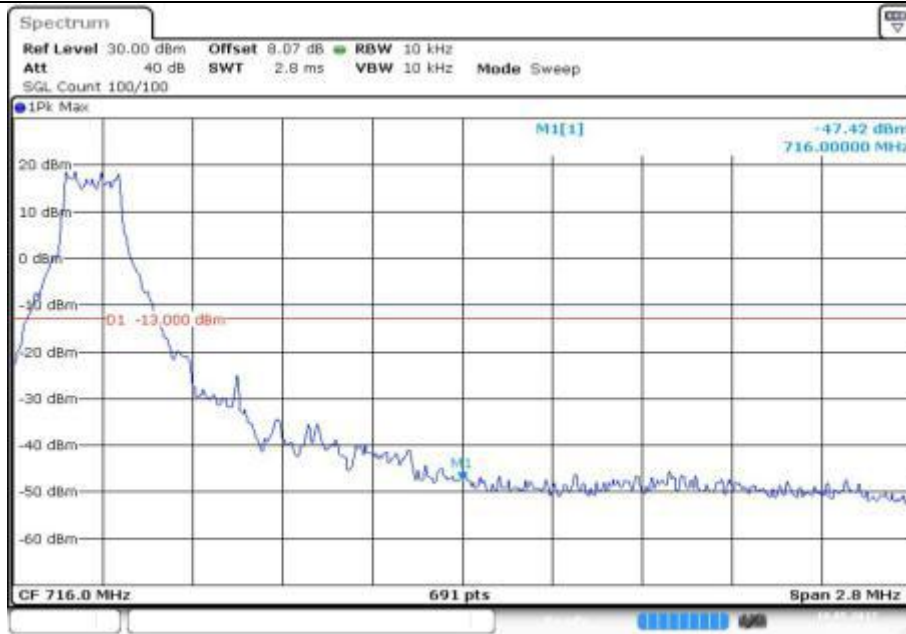


Fig.5

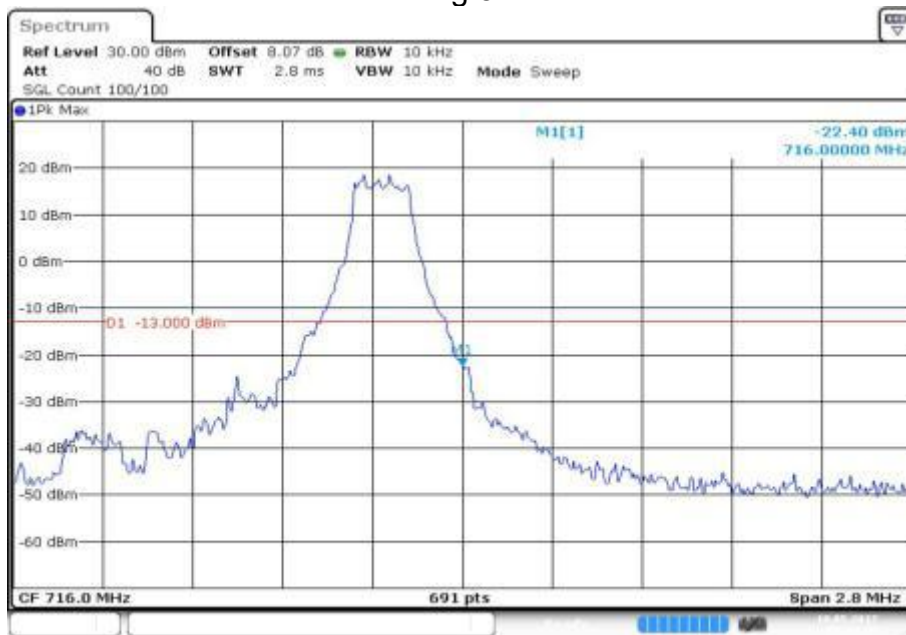
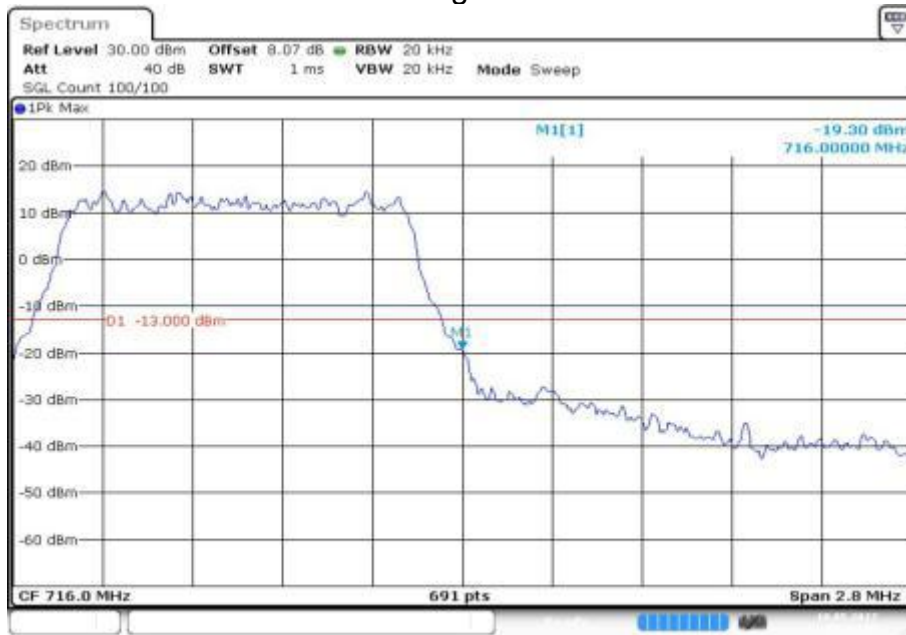


Fig.6



Date: 18.MAY.2017 05:07:49

Fig.7



Date: 18.MAY.2017 05:07:59

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	700.5	23025	3	1	0	Fig.1	Fig.5
				1	5	Fig.2	Fig.6
				3	2	Fig.3	Fig.7
				6	0	Fig.4	Fig.8

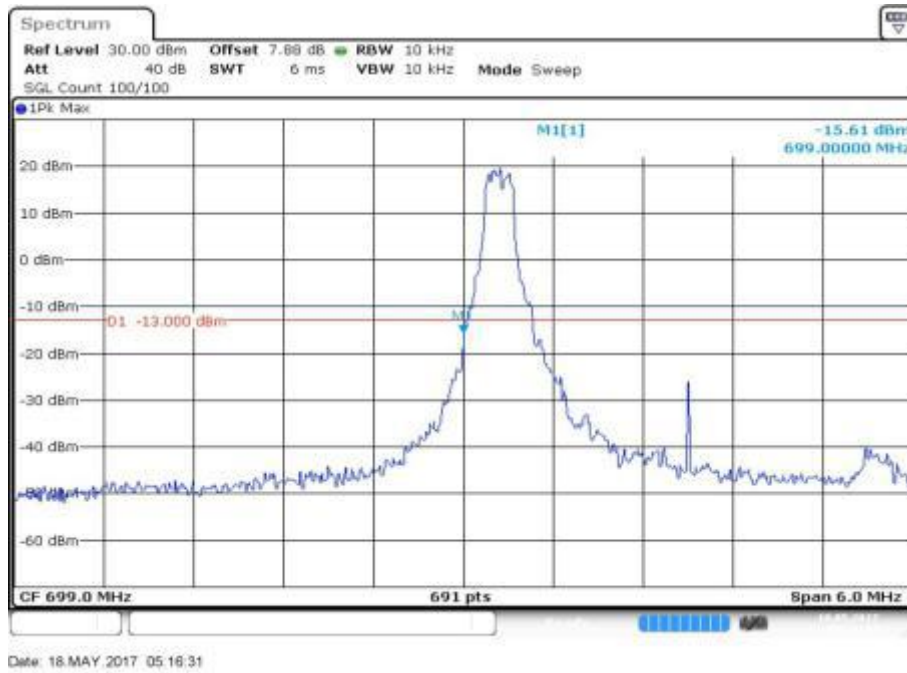


Fig.1



Fig.2



Fig.3

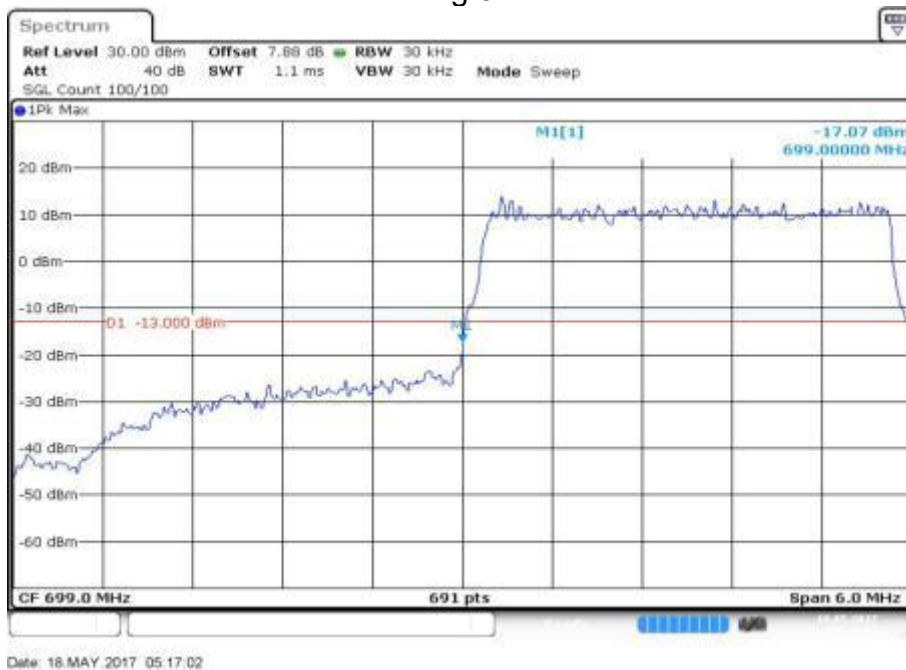


Fig.4



Date: 18.MAY.2017 05:17:13

Fig.5



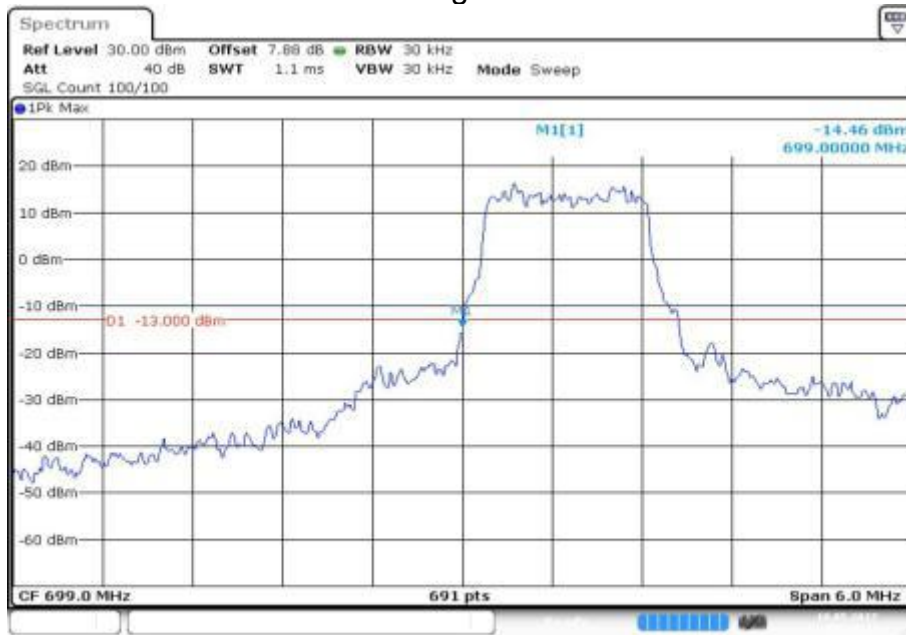
Date: 18.MAY.2017 05:17:23

Fig.6



Date: 18.MAY.2017 05:17:33

Fig.7



Date: 18.MAY.2017 05:17:44

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	714.5	23165	3	1	0	Fig.1	Fig.5
				1	5	Fig.2	Fig.6
				3	2	Fig.3	Fig.7
				6	0	Fig.4	Fig.8

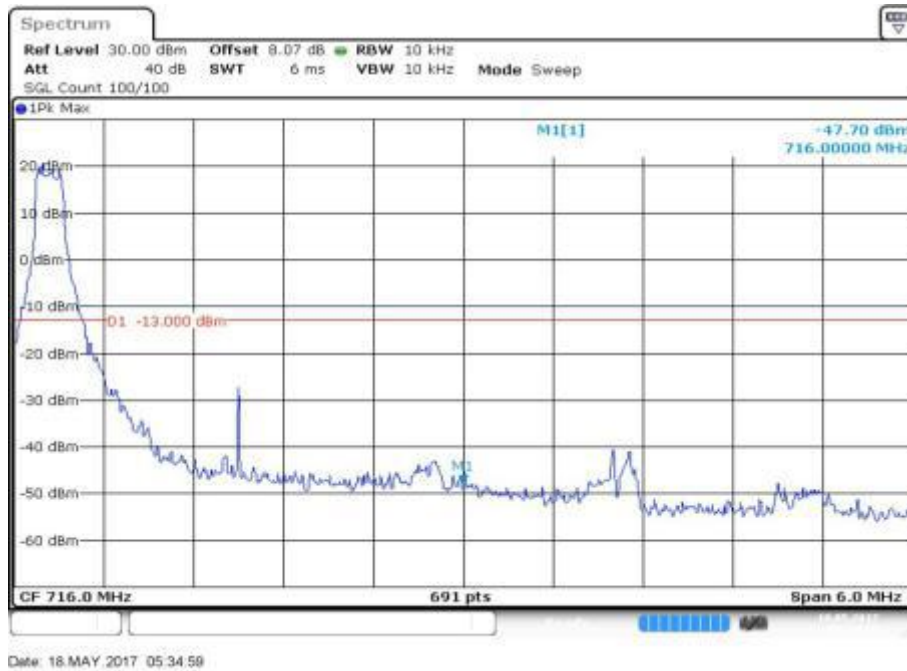


Fig.1

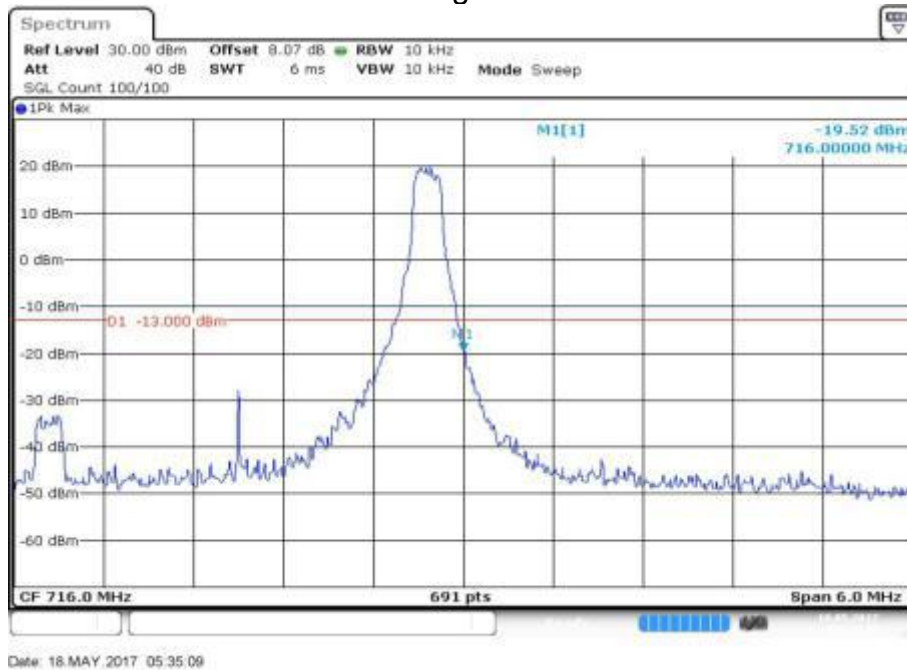


Fig.2



Fig.3

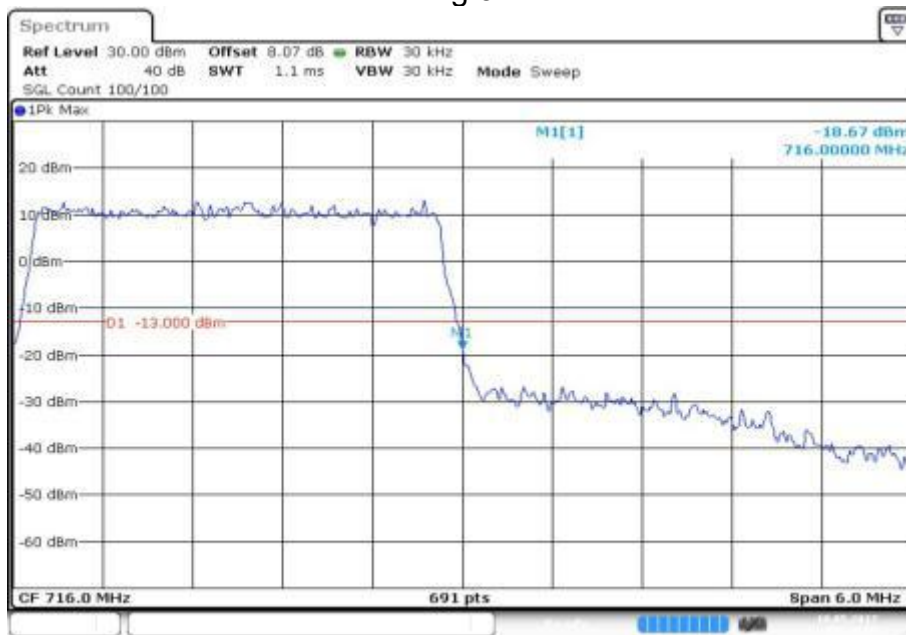


Fig.4

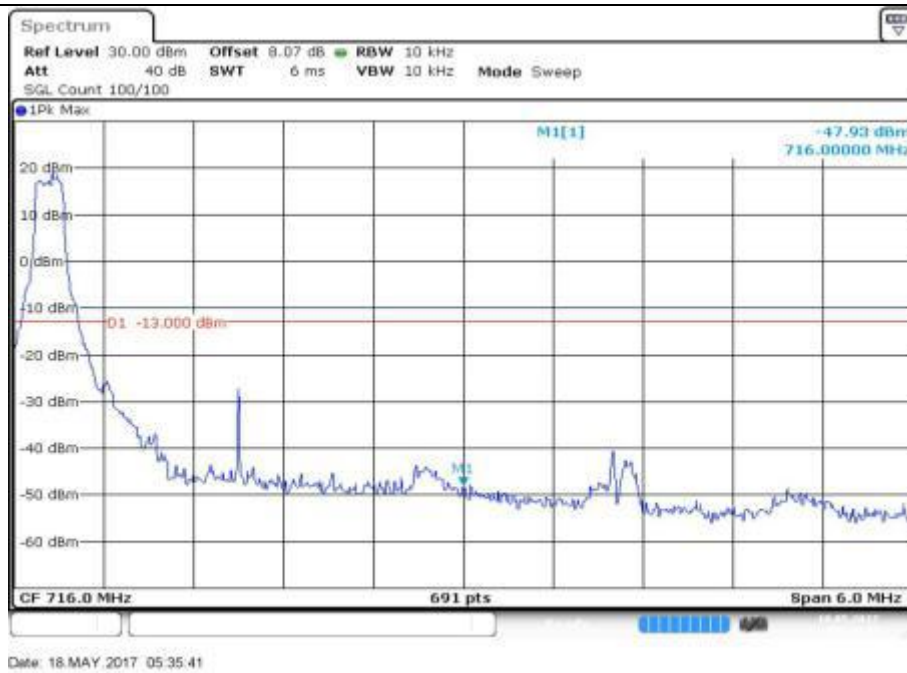


Fig.5

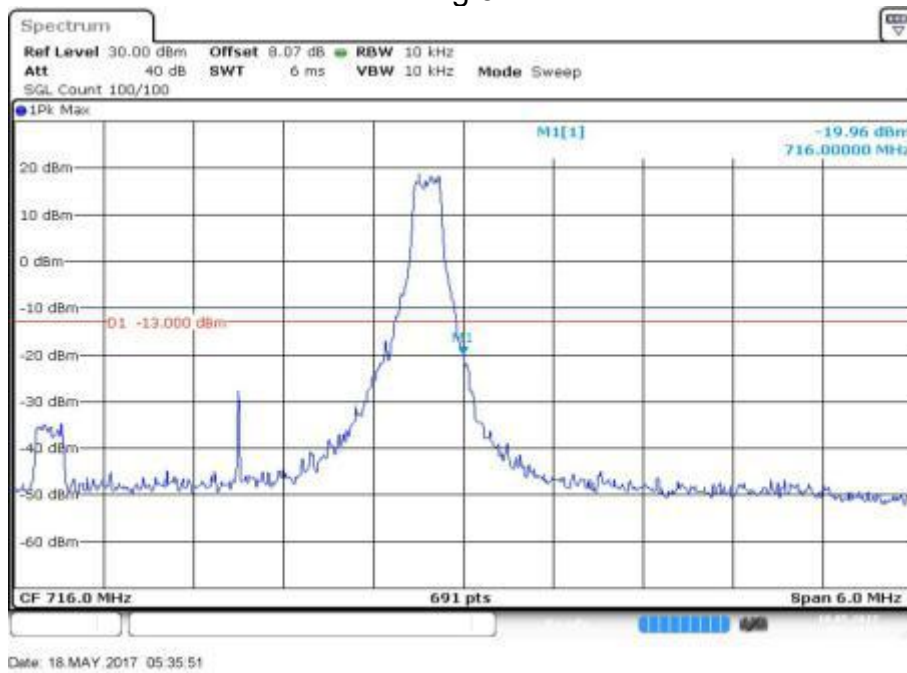
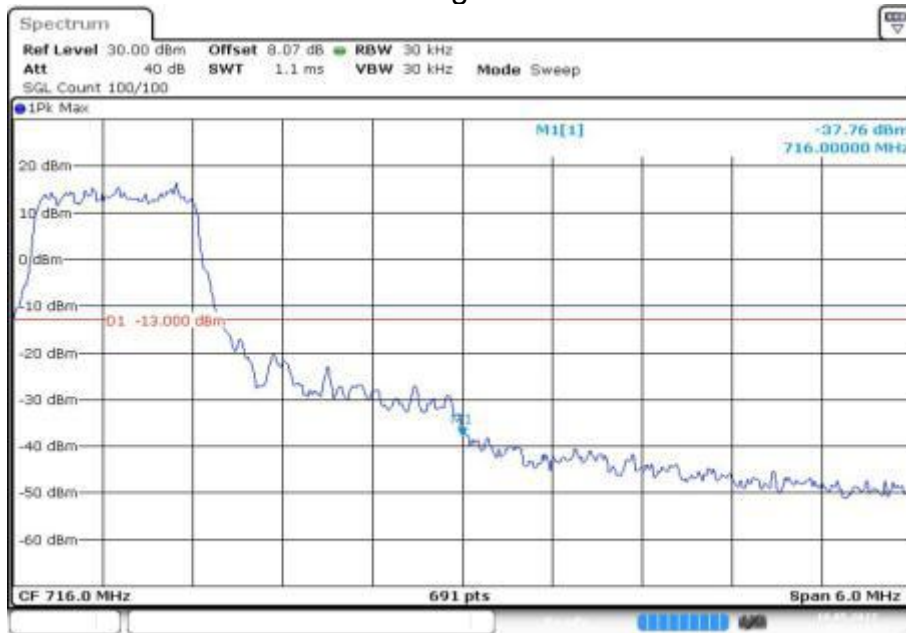


Fig.6



Date: 18.MAY.2017 05:38:01

Fig.7



Date: 18.MAY.2017 05:38:12

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	701.5	23035	5	1	0	Fig.1	Fig.5
				1	24	Fig.2	Fig.6
				12	6	Fig.3	Fig.7
				25	0	Fig.4	Fig.8

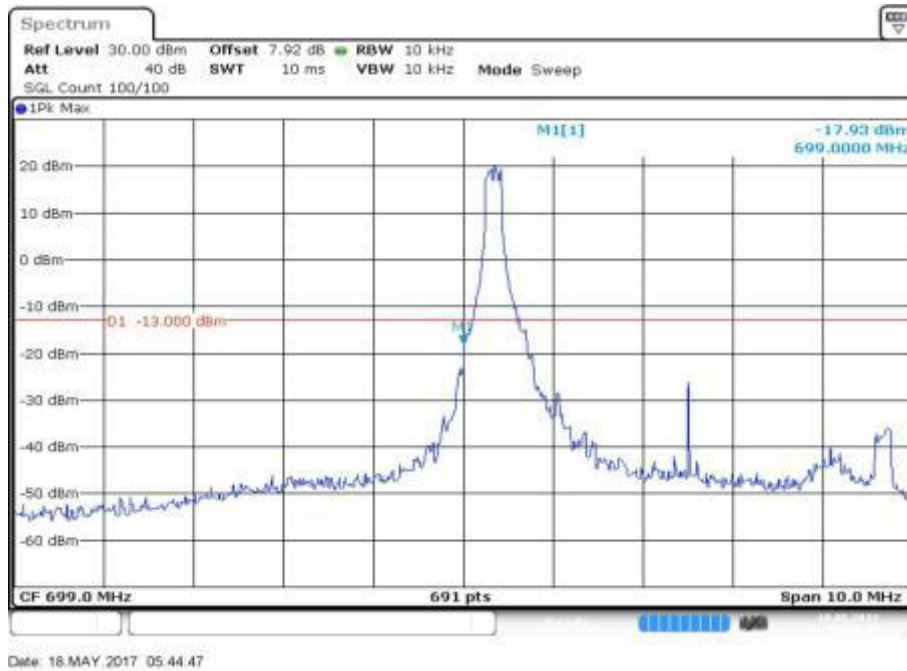


Fig.1



Fig.2

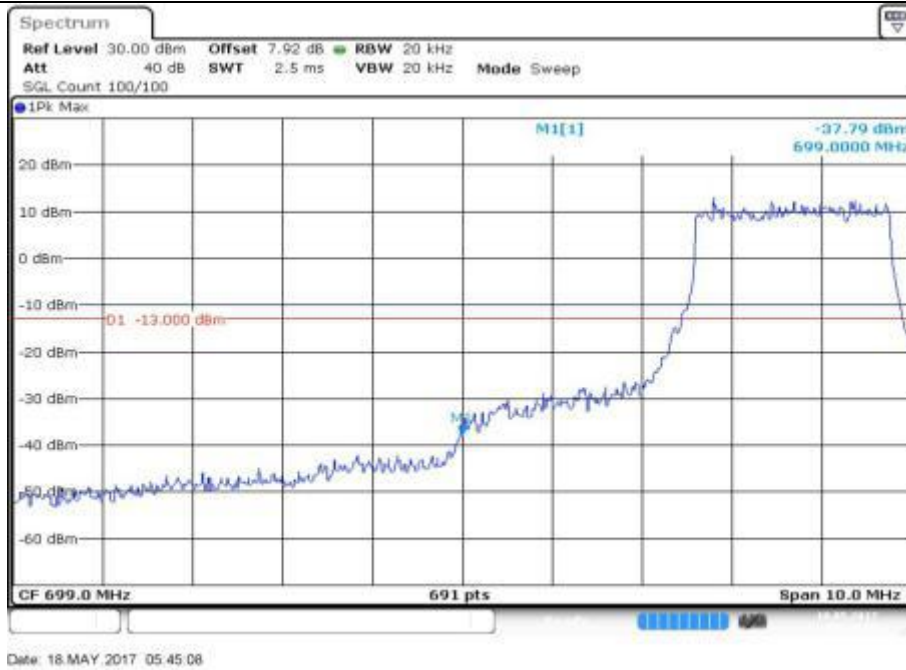


Fig.3

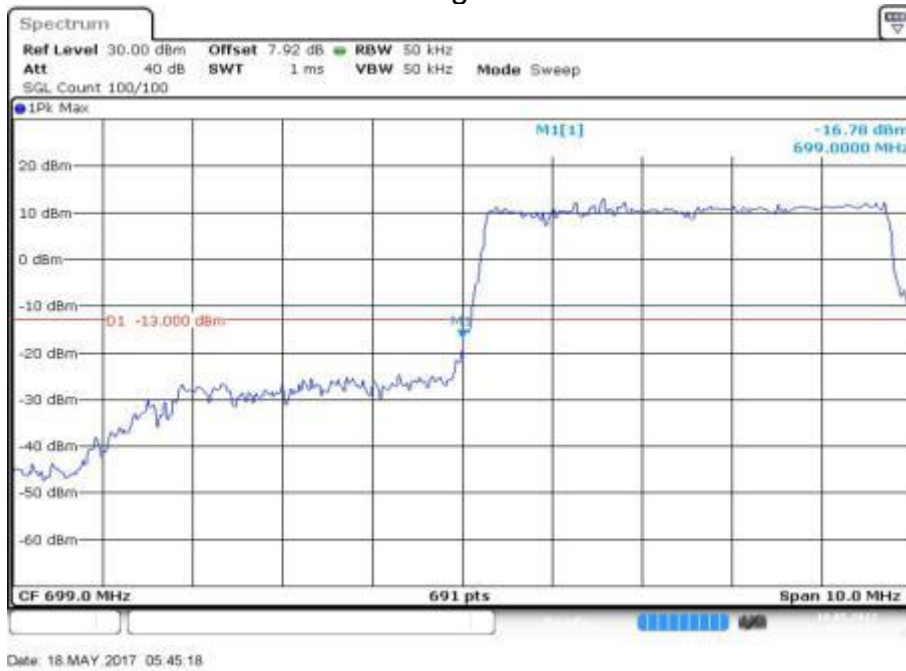
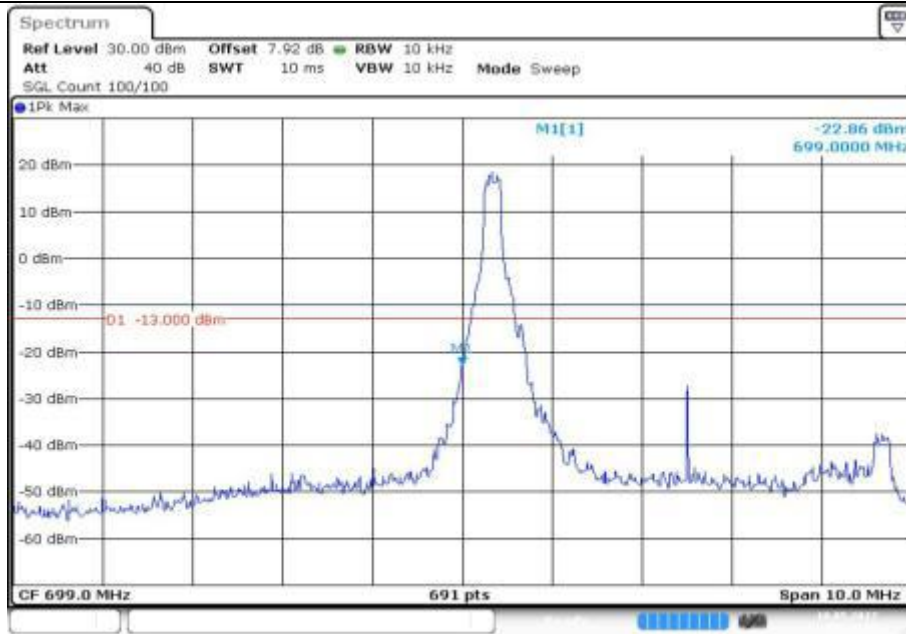
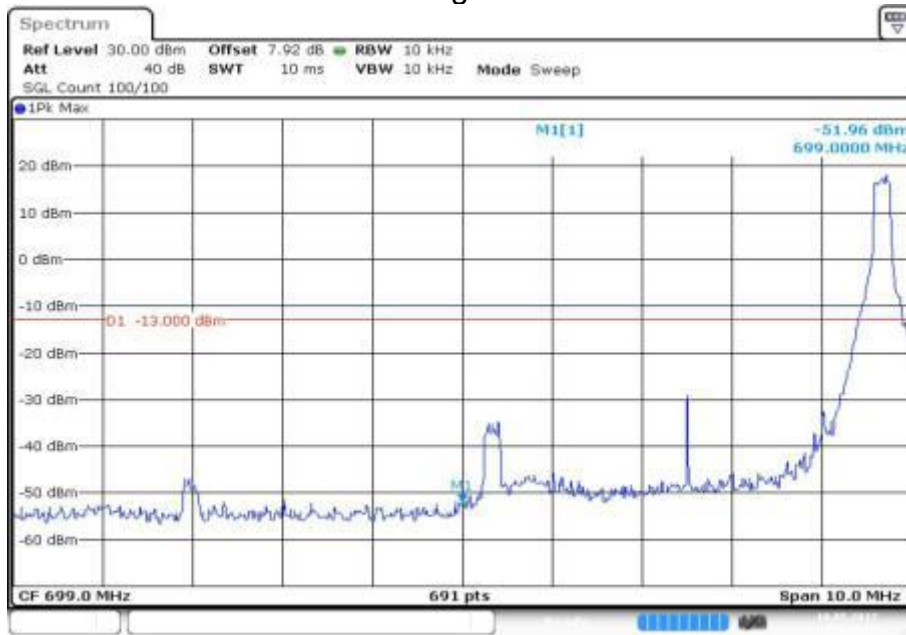


Fig.4



Date: 18.MAY.2017 05:45:28

Fig.5



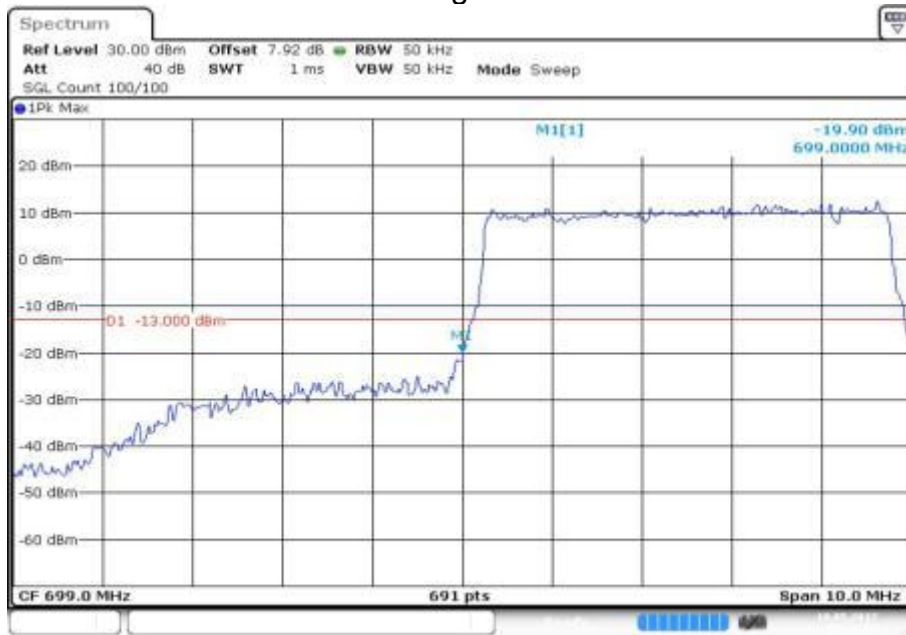
Date: 18.MAY.2017 05:45:39

Fig.6



Date: 18.MAY.2017 05:45:49

Fig.7



Date: 18.MAY.2017 05:45:59

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	713.5	23155	5	1	0	Fig.1	Fig.5
				1	24	Fig.2	Fig.6
				12	6	Fig.3	Fig.7
				25	0	Fig.4	Fig.8

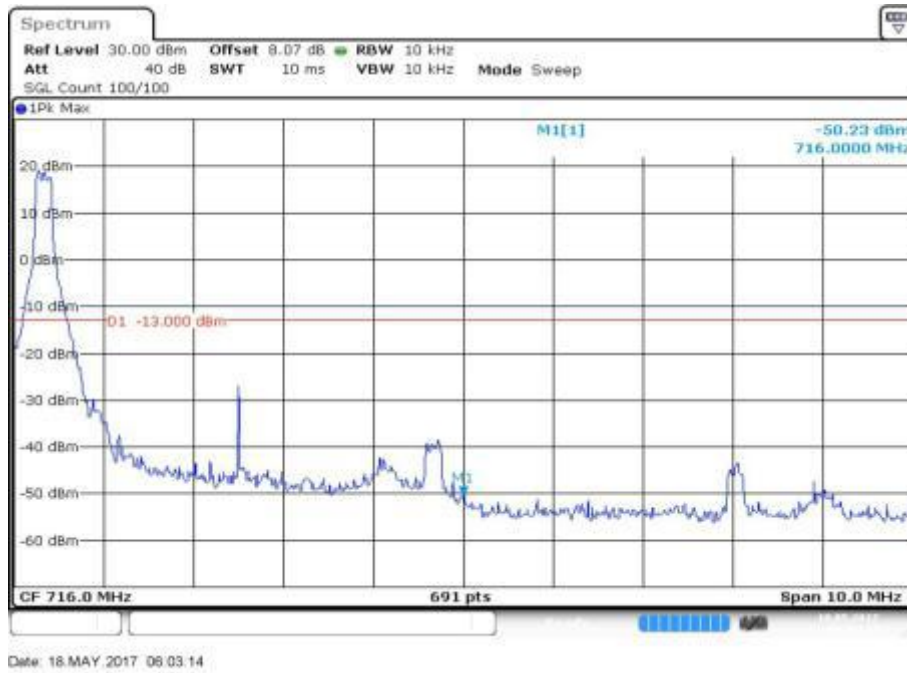


Fig.1

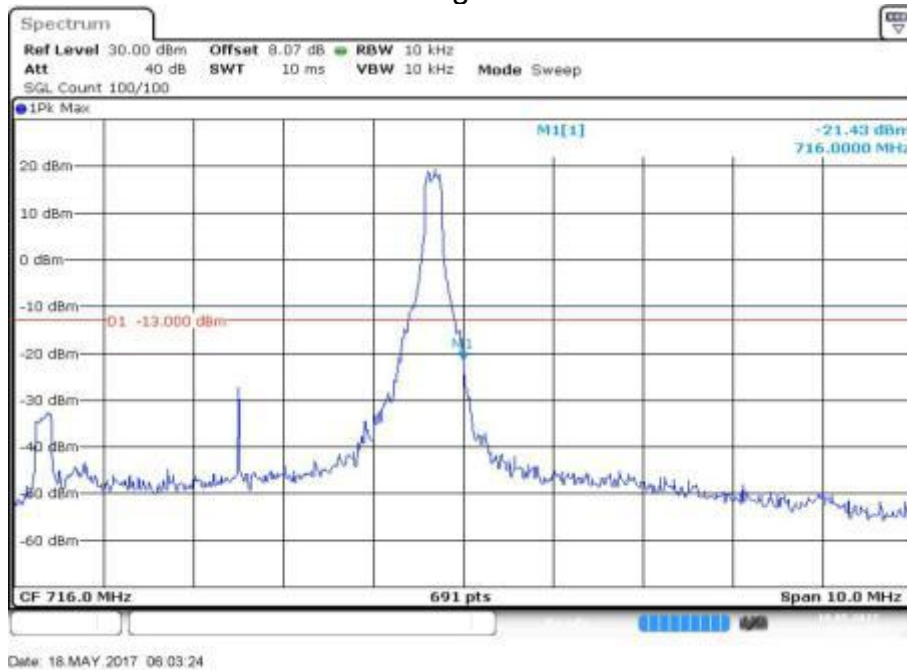


Fig.2



Fig.3

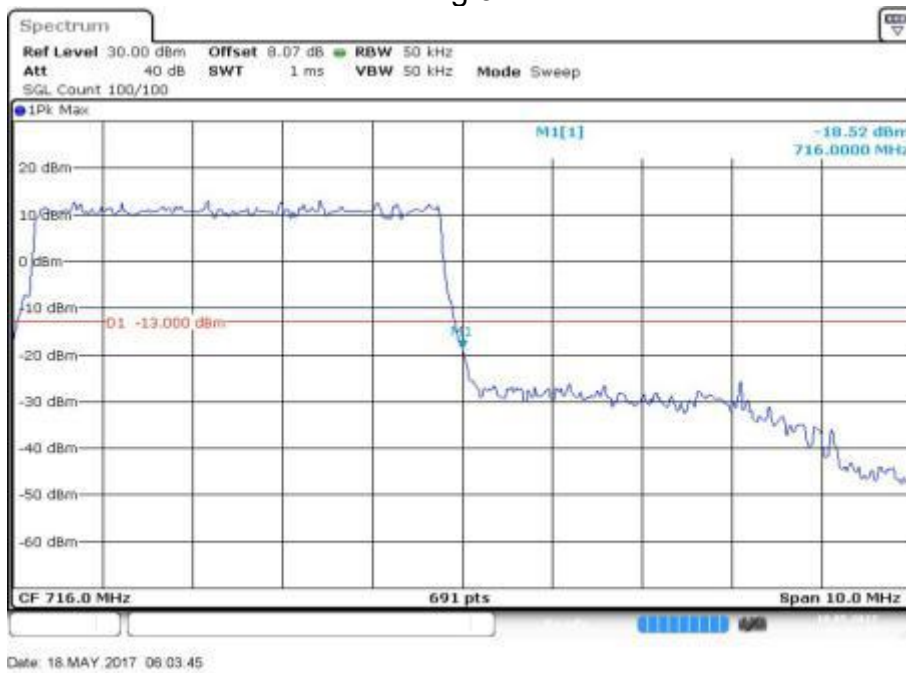


Fig.4

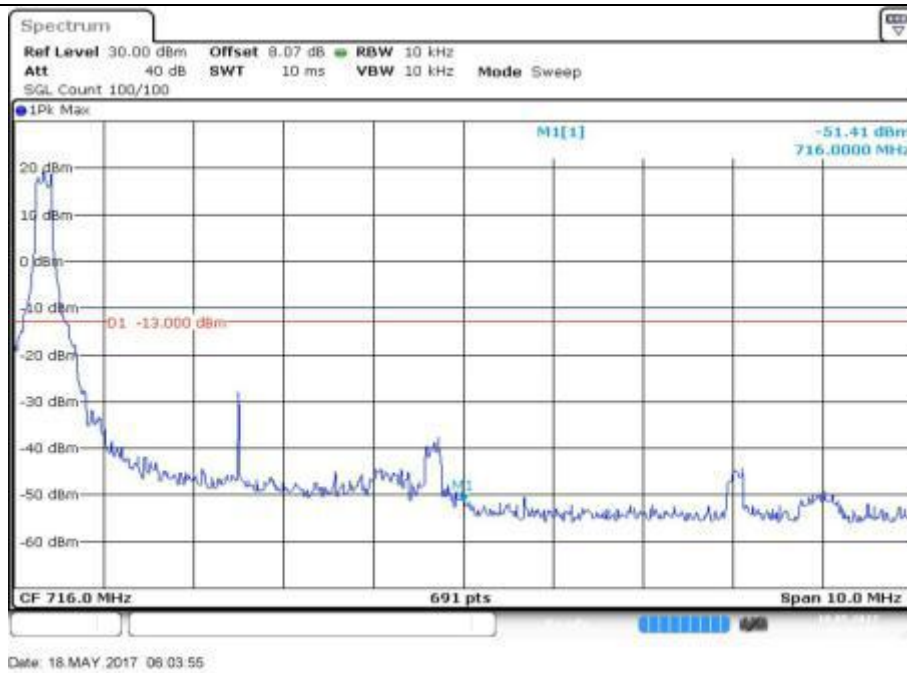


Fig.5

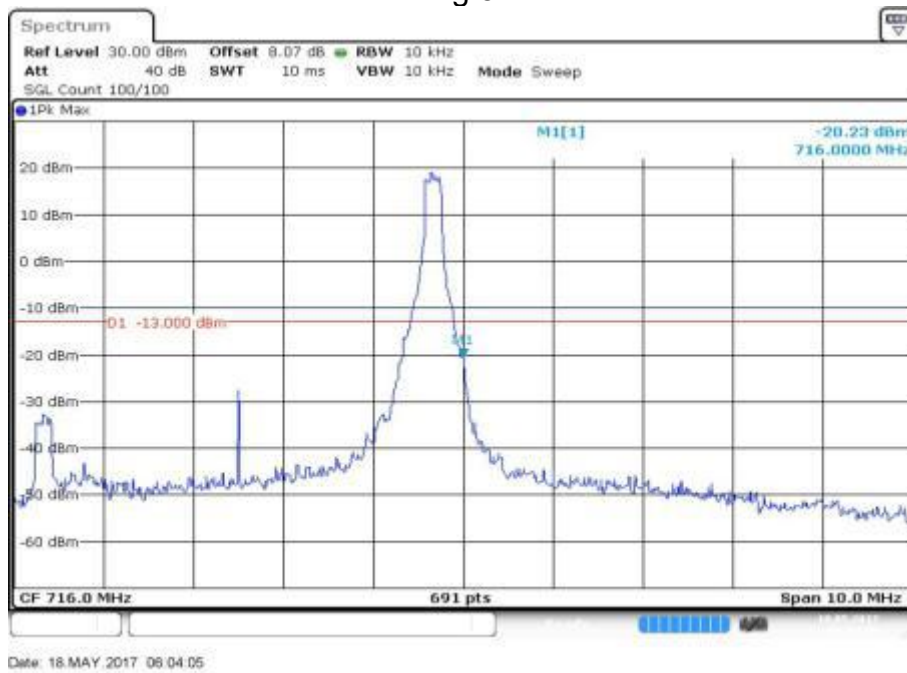
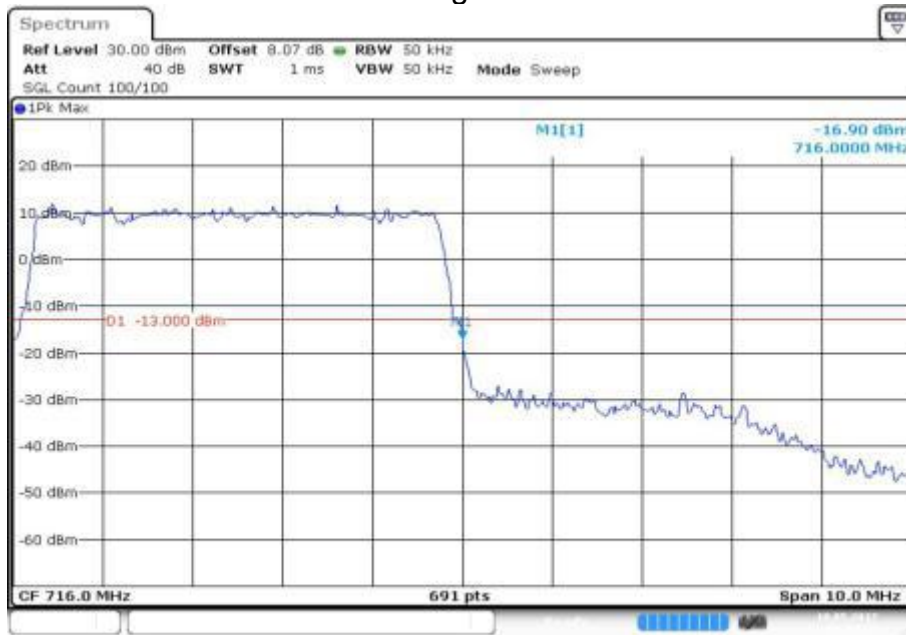


Fig.6



Date: 18.MAY.2017 06:04:16

Fig.7



Date: 18.MAY.2017 06:04:26

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	704	23060	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

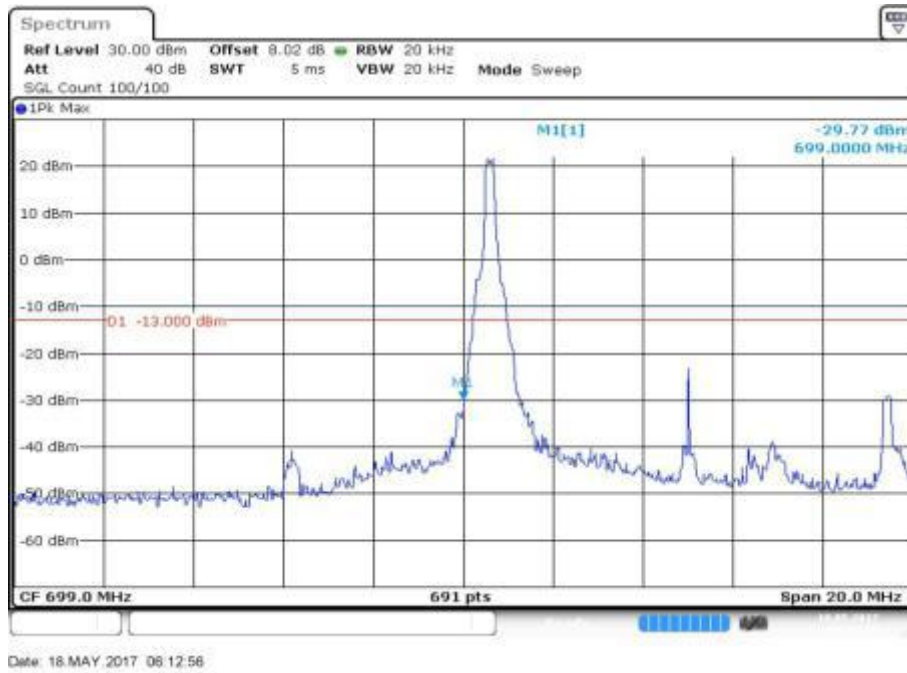


Fig.1

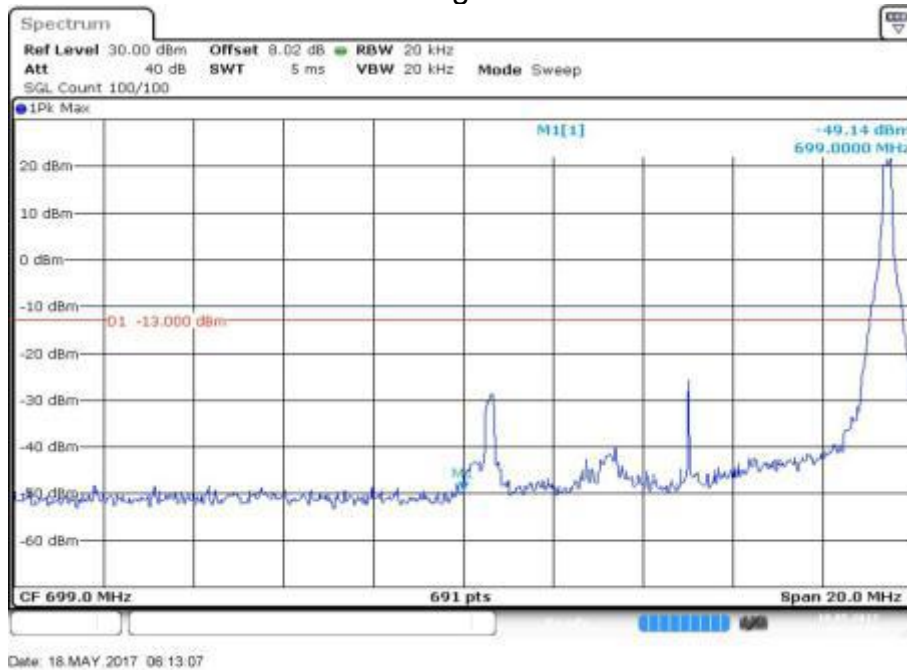


Fig.2

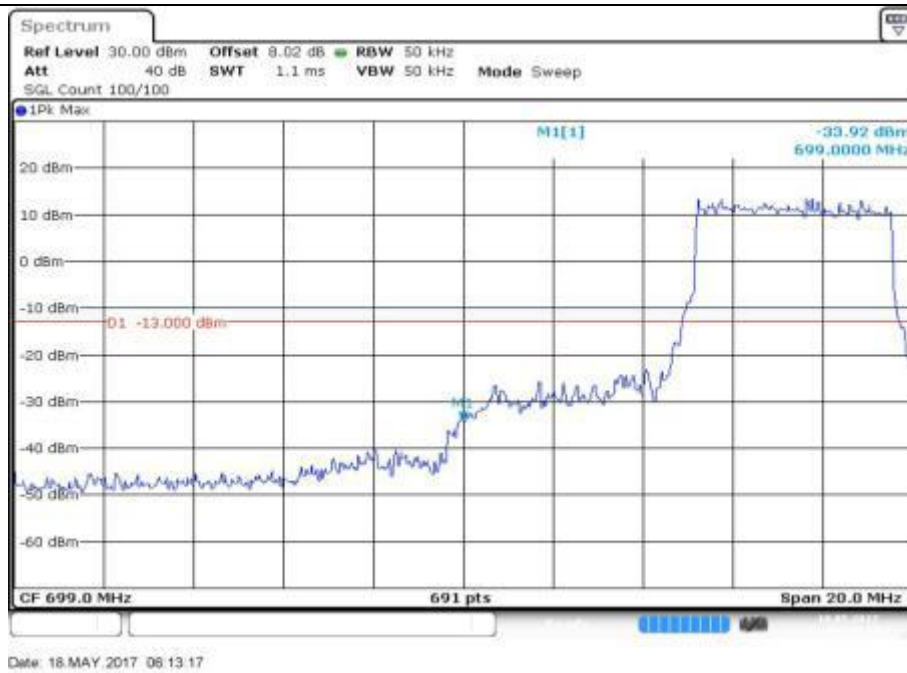


Fig.3

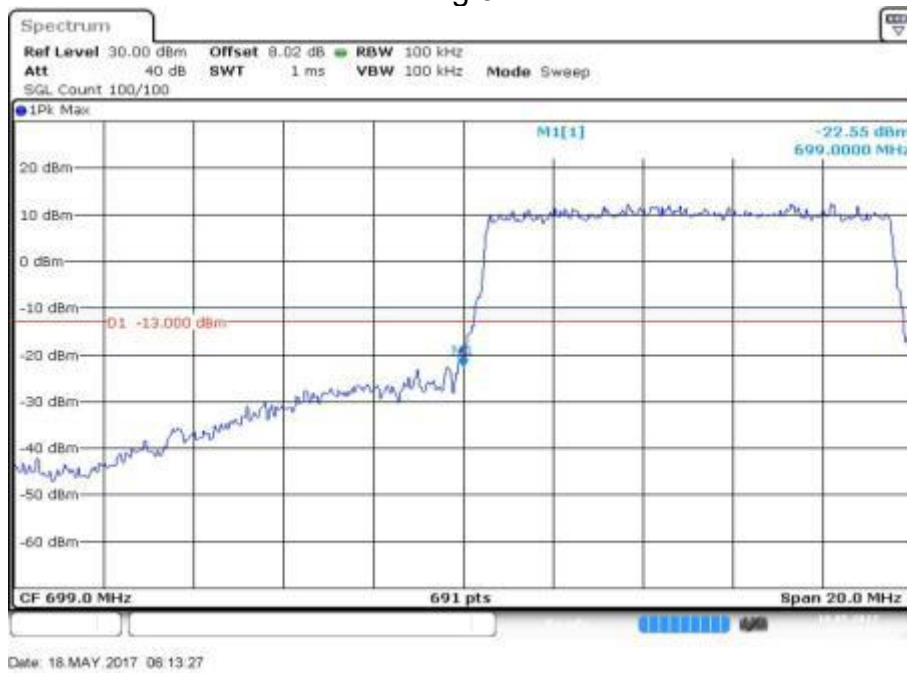
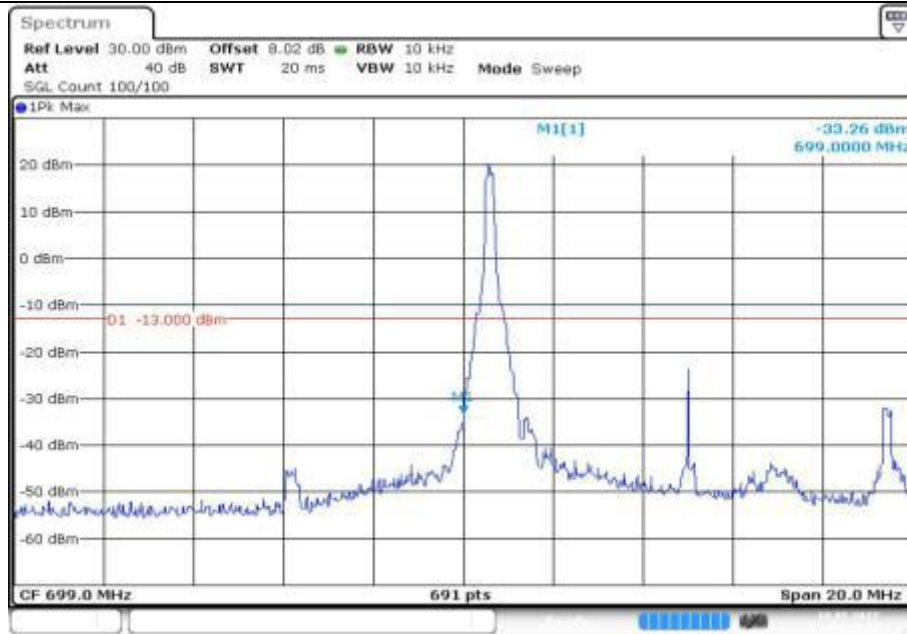
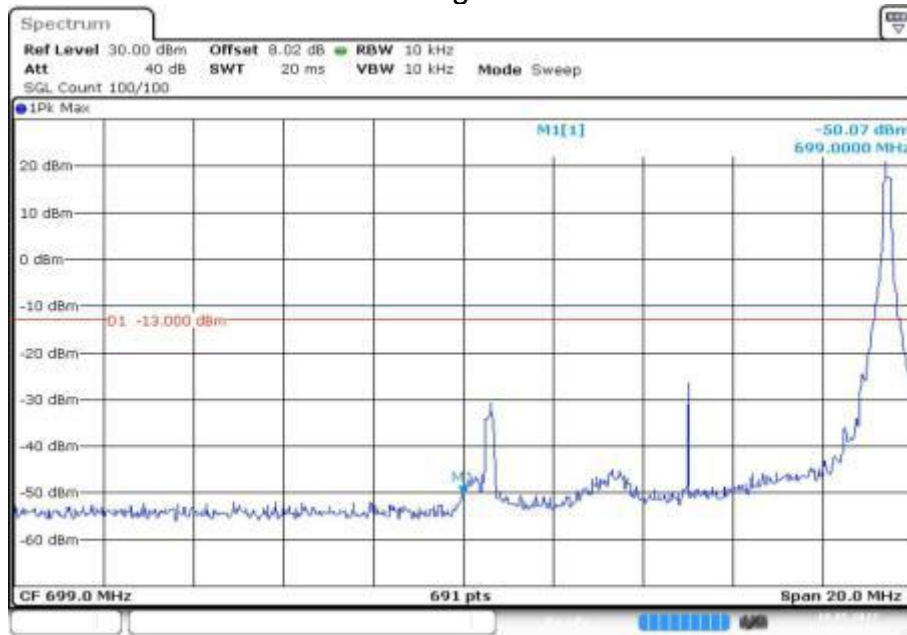


Fig.4



Date: 18.MAY.2017 08:13:40

Fig.5



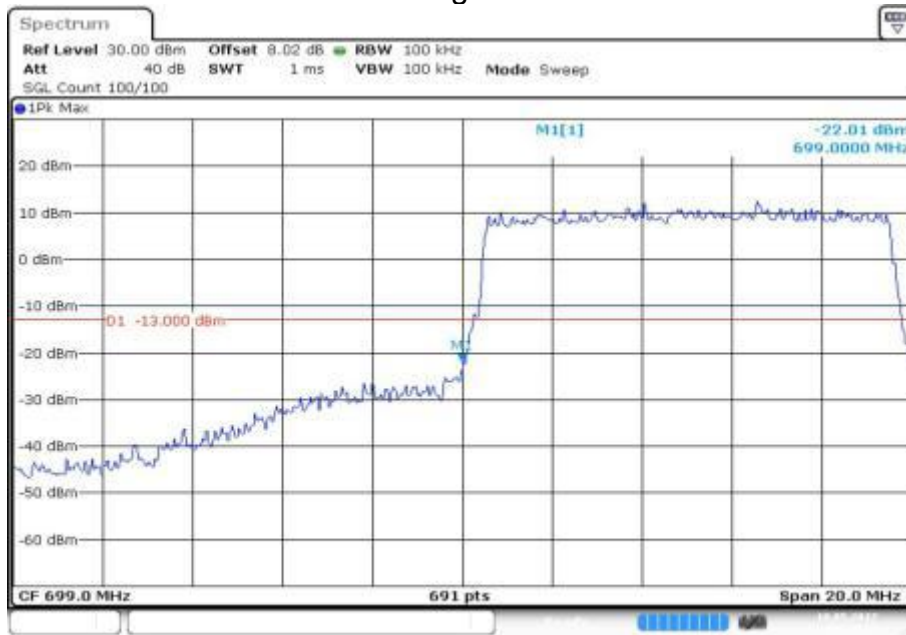
Date: 18.MAY.2017 08:13:53

Fig.6



Date: 18.MAY.2017 08:14:03

Fig.7



Date: 18.MAY.2017 08:14:14

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
12	711	23130	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

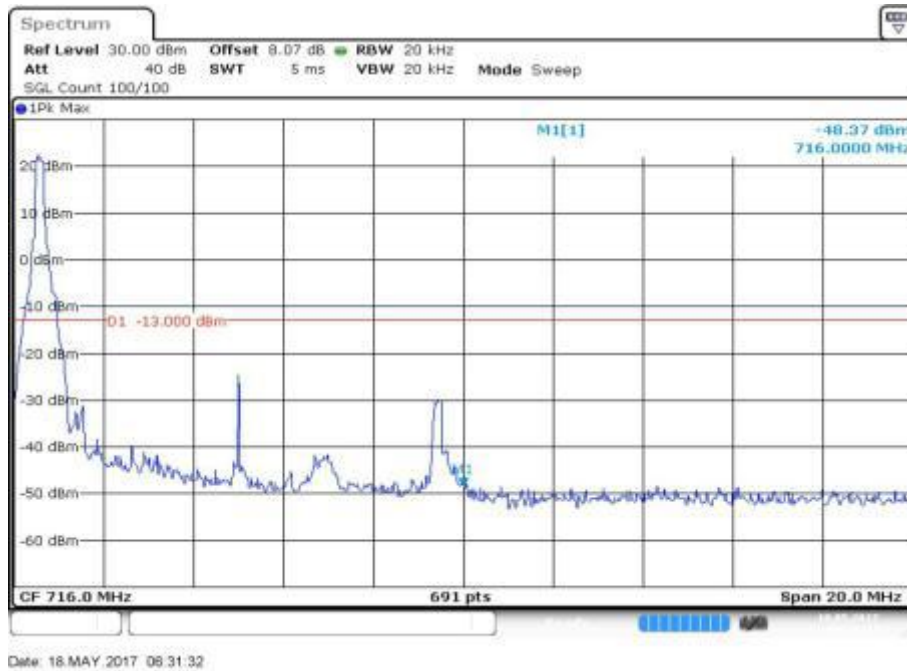


Fig.1

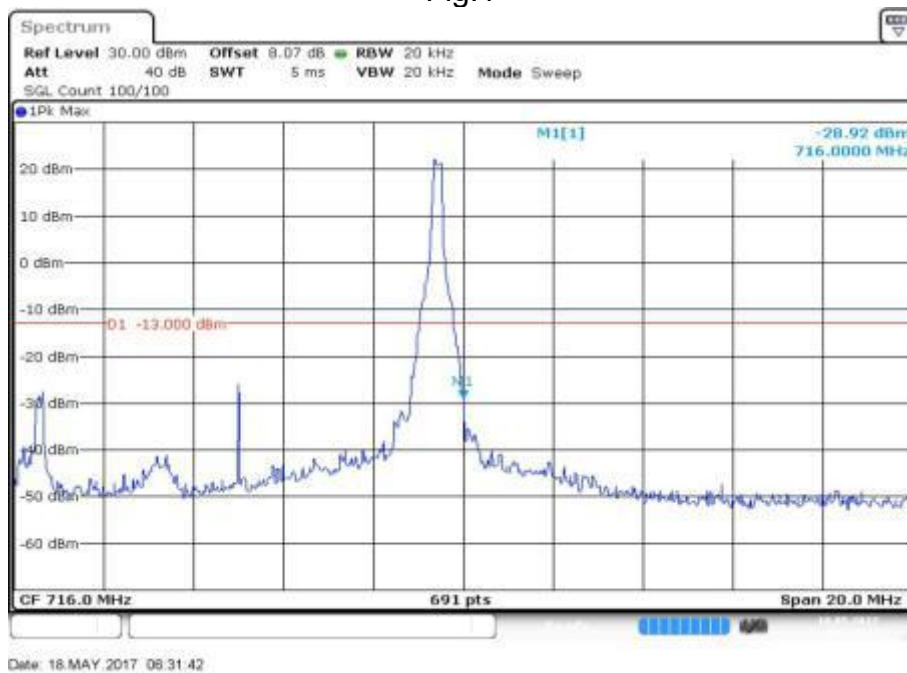


Fig.2

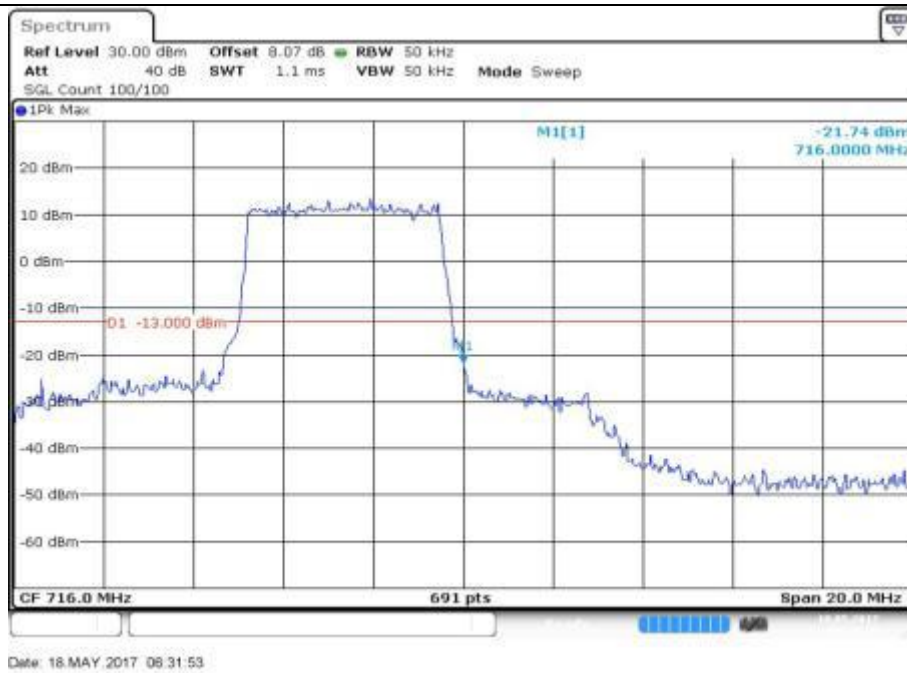


Fig.3

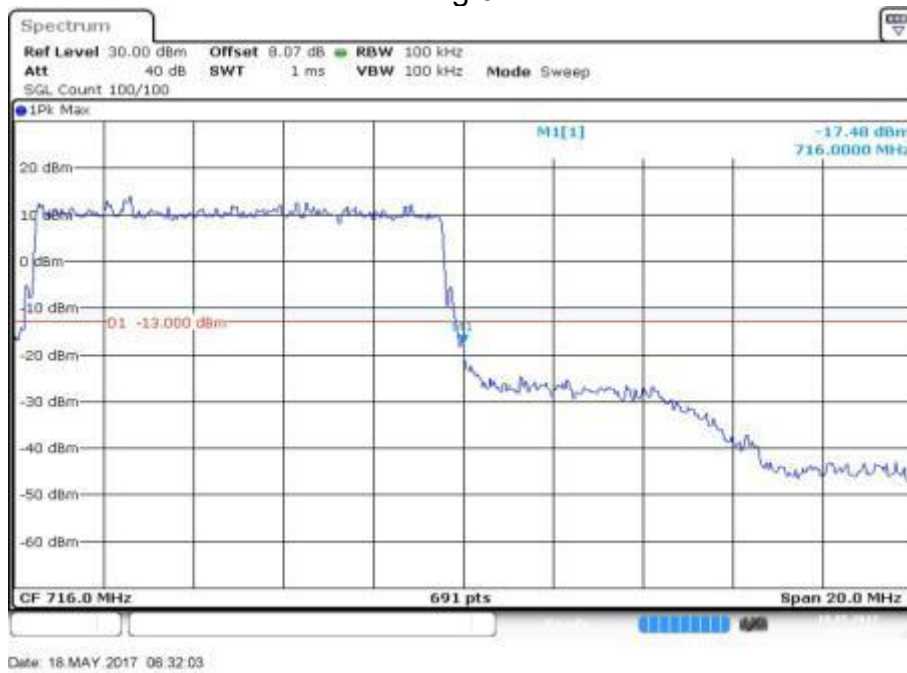


Fig.4

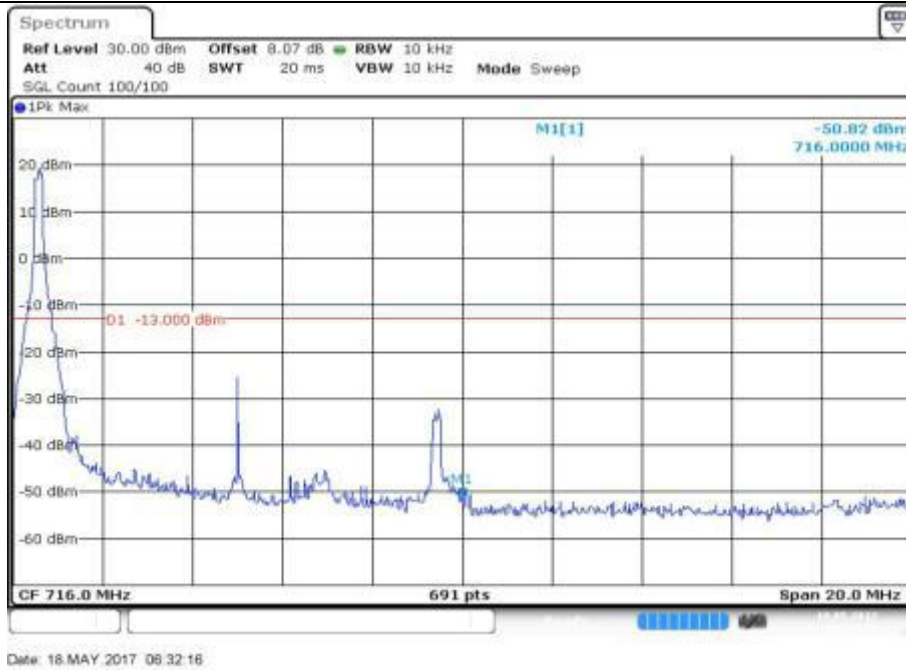


Fig.5

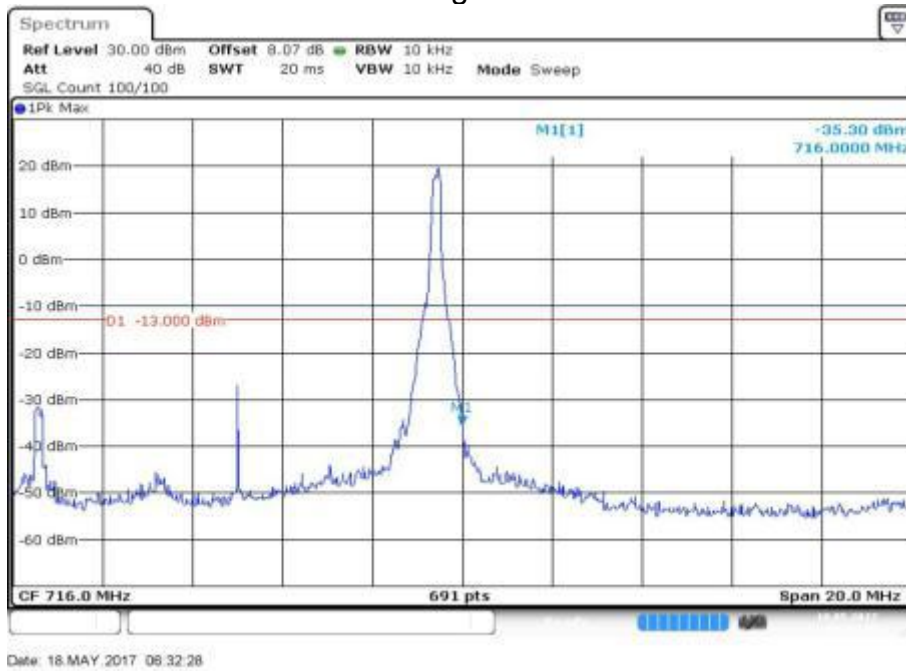
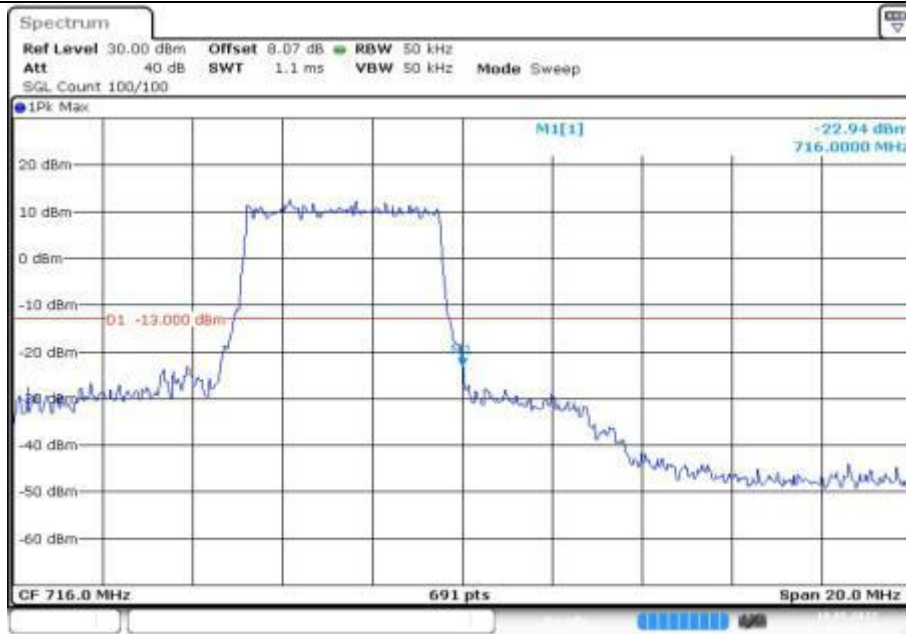
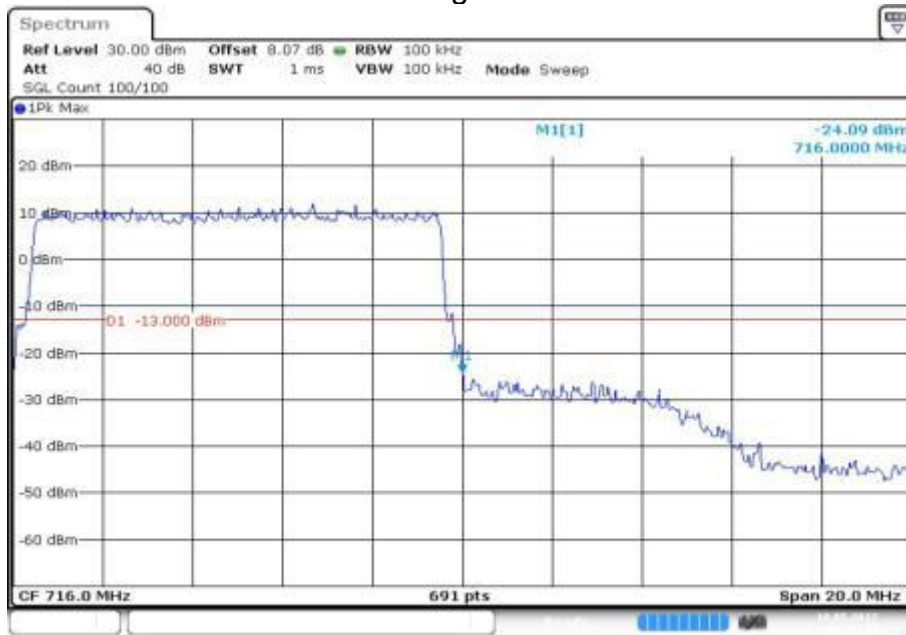


Fig.6



Date: 18.MAY.2017 08:32:39

Fig.7



Date: 18.MAY.2017 08:32:49

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
13	779.5	23205	5	1	0	Fig.1	Fig.5
				1	24	Fig.2	Fig.6
				12	6	Fig.3	Fig.7
				25	0	Fig.4	Fig.8

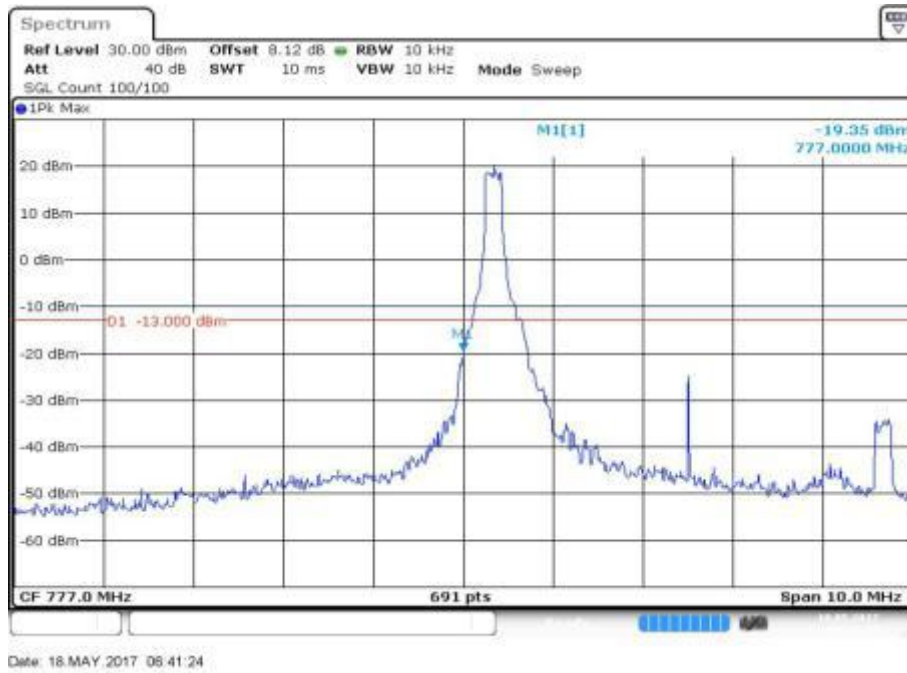


Fig.1

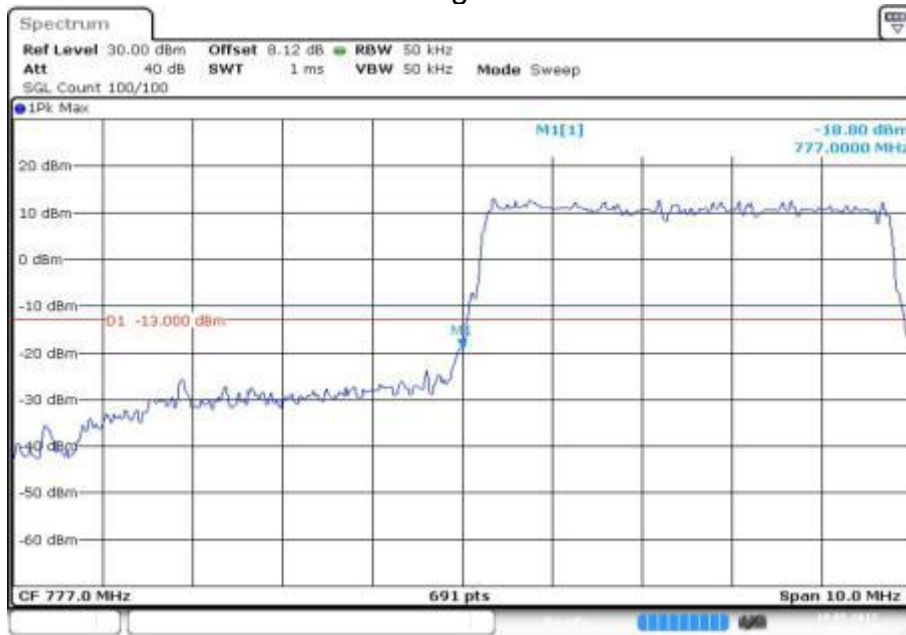


Fig.2



Date: 18.MAY.2017 06:41:44

Fig.3



Date: 18.MAY.2017 06:41:54

Fig.4

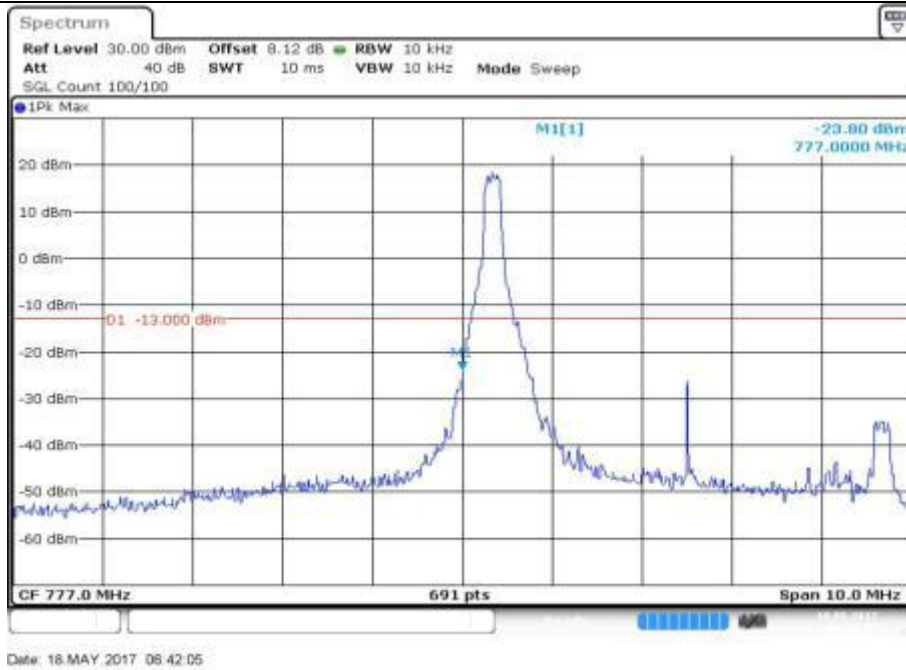


Fig.5

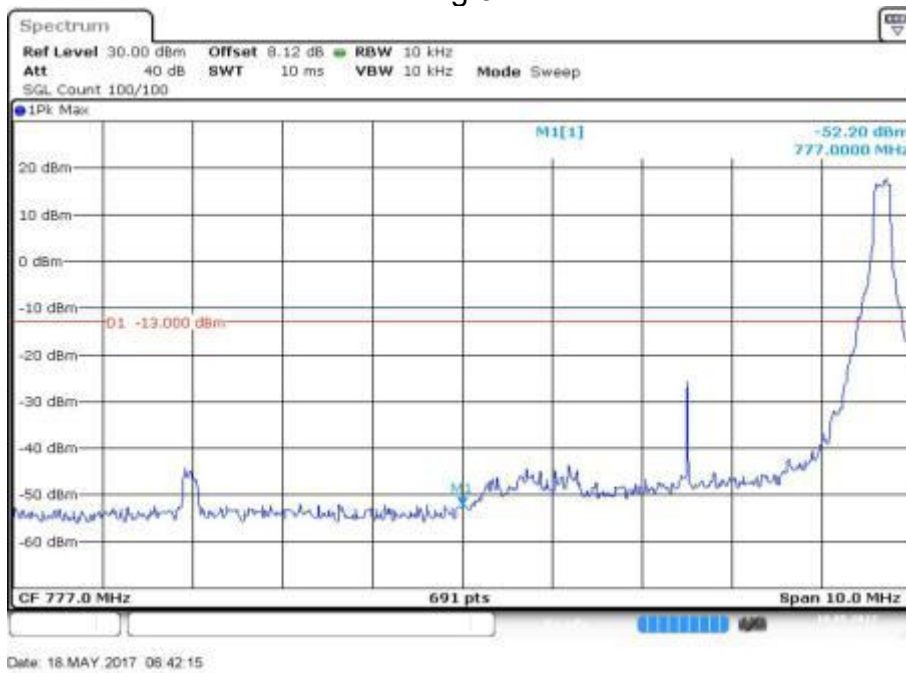
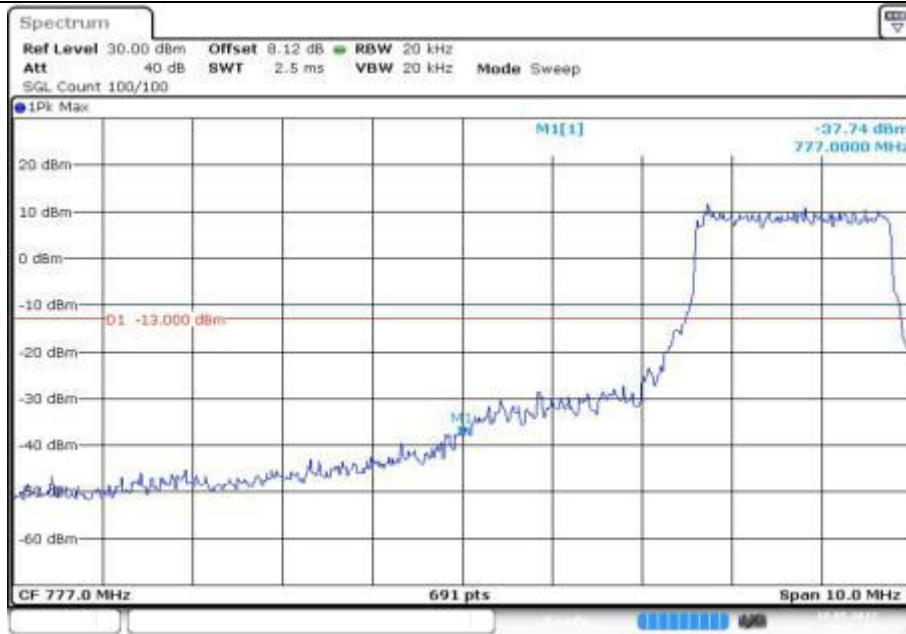
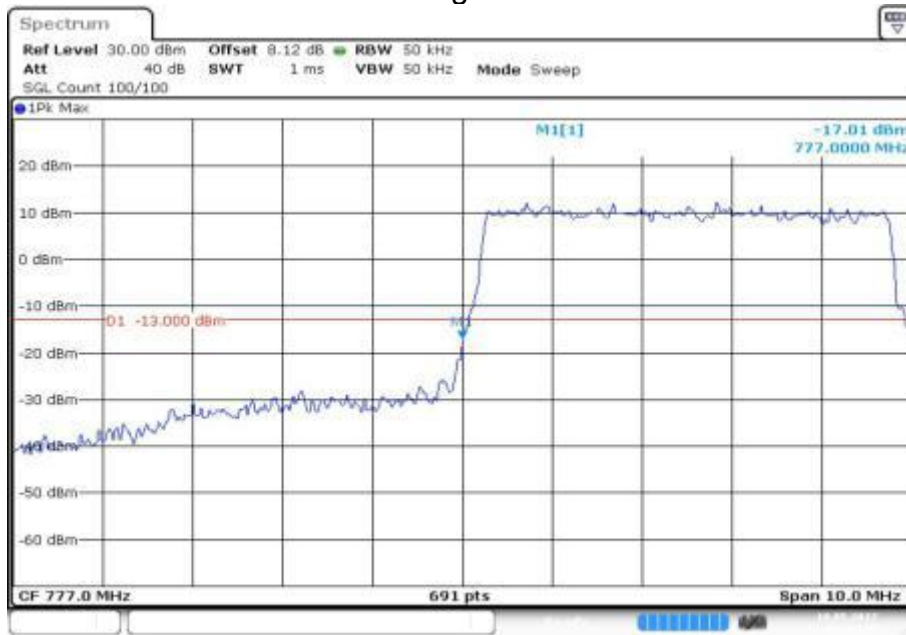


Fig.6



Date: 18.MAY.2017 06:42:25

Fig.7



Date: 18.MAY.2017 06:42:36

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
13	784.5	23255	5	1	0	Fig.1	Fig.5
				1	24	Fig.2	Fig.6
				12	6	Fig.3	Fig.7
				25	0	Fig.4	Fig.8



Fig.1

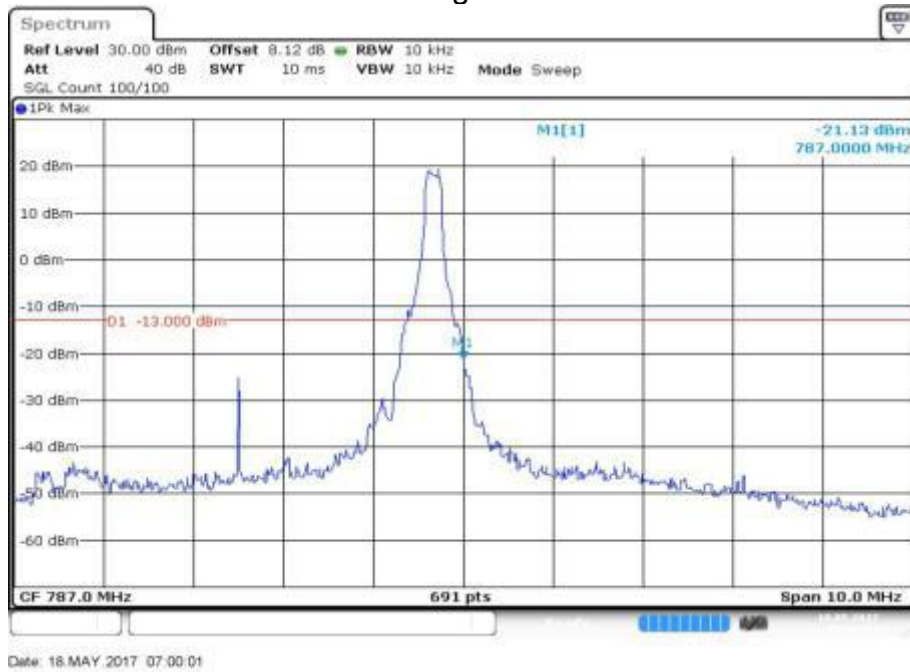
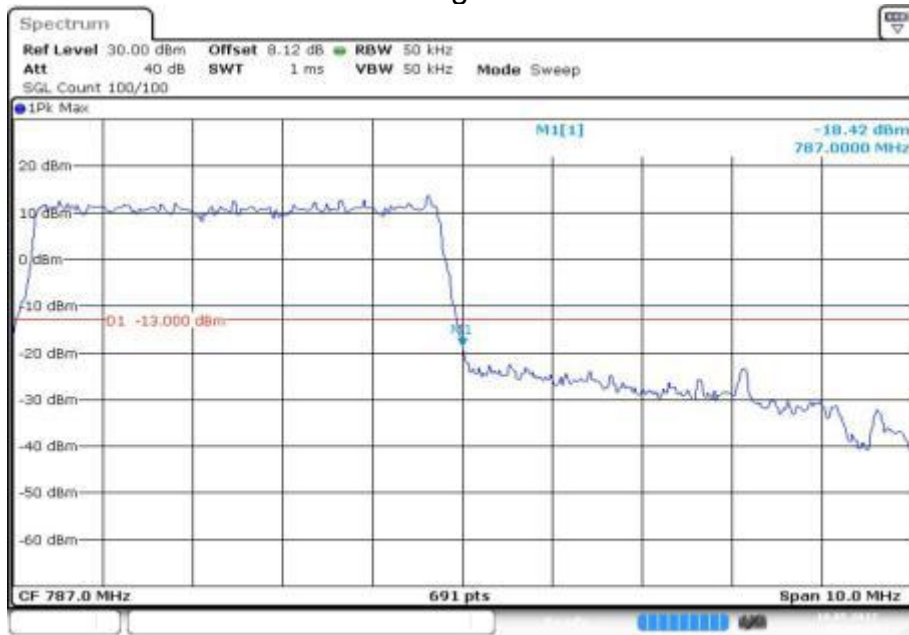


Fig.2



Date: 18.MAY.2017 07:00:11

Fig.3



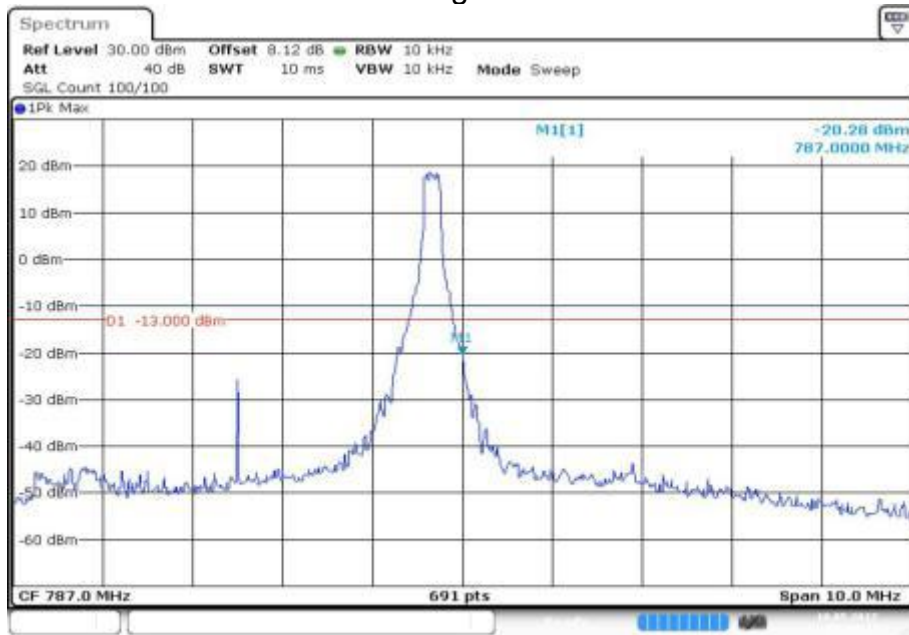
Date: 18.MAY.2017 07:00:21

Fig.4



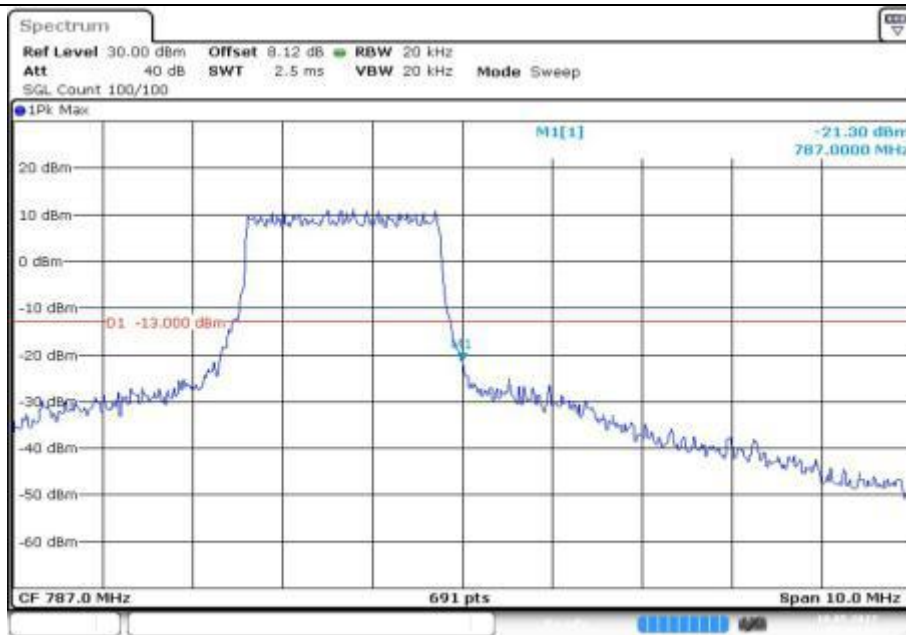
Date: 18.MAY.2017 07:00:32

Fig.5



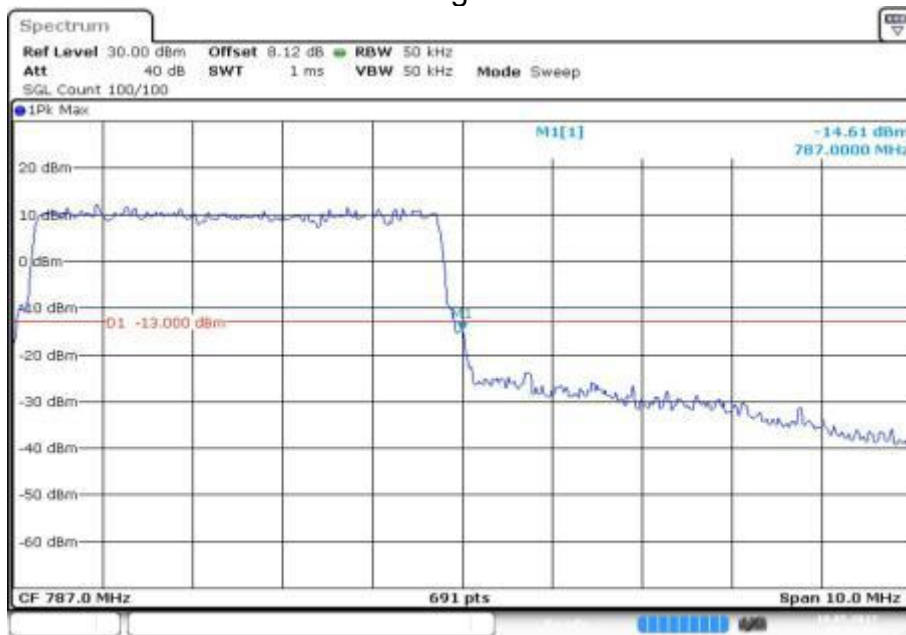
Date: 18.MAY.2017 07:00:42

Fig.6



Date: 18.MAY.2017 07:00:52

Fig.7



Date: 18.MAY.2017 07:01:03

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
13	782	23230	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

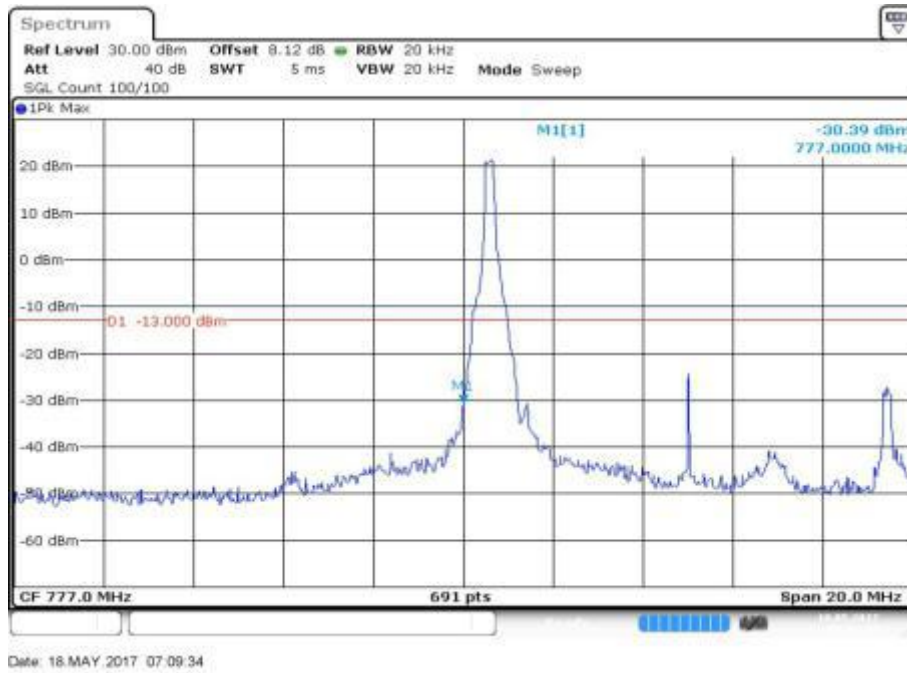


Fig.1

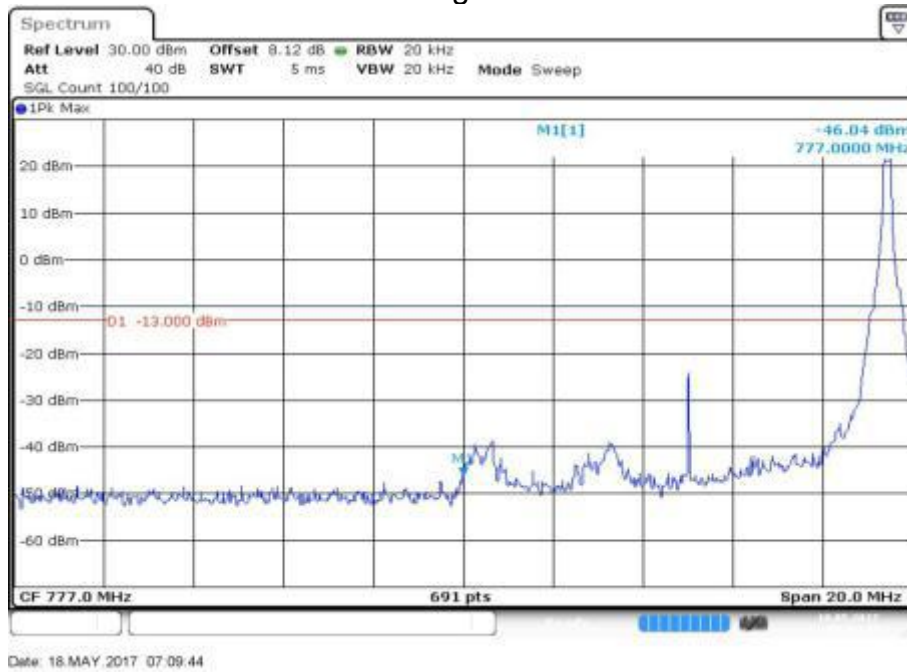


Fig.2

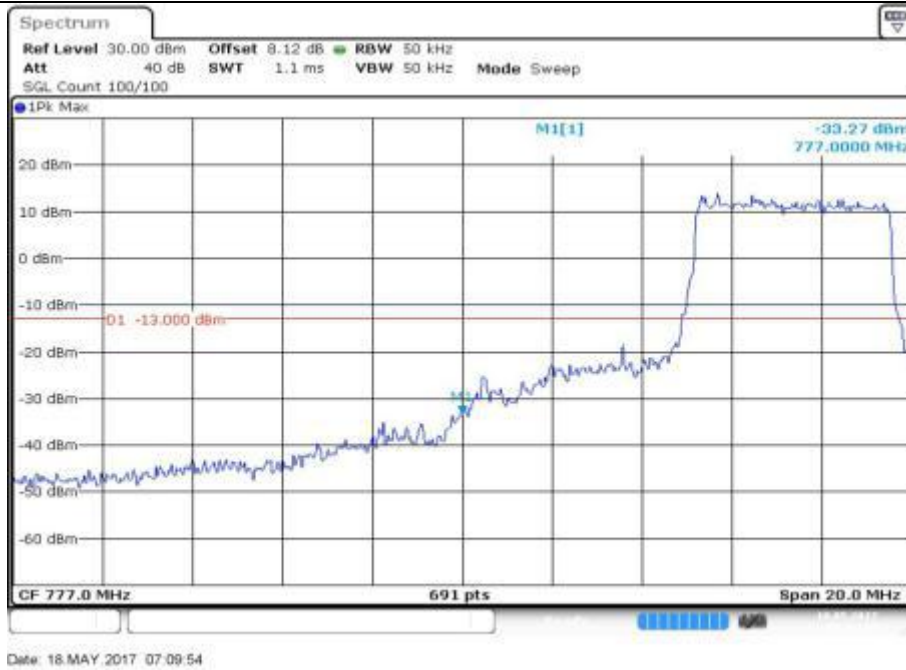


Fig.3

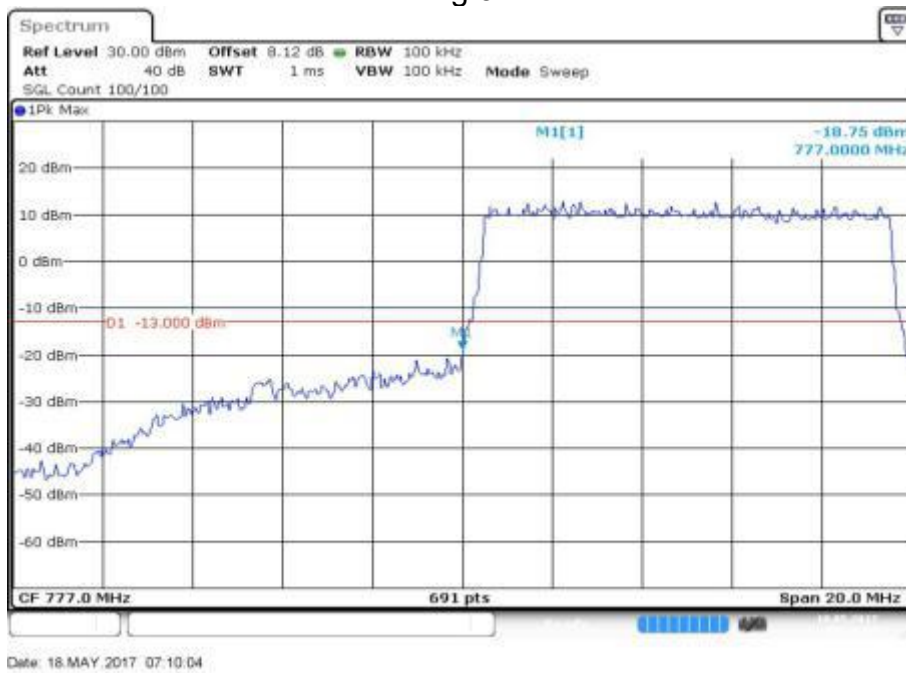
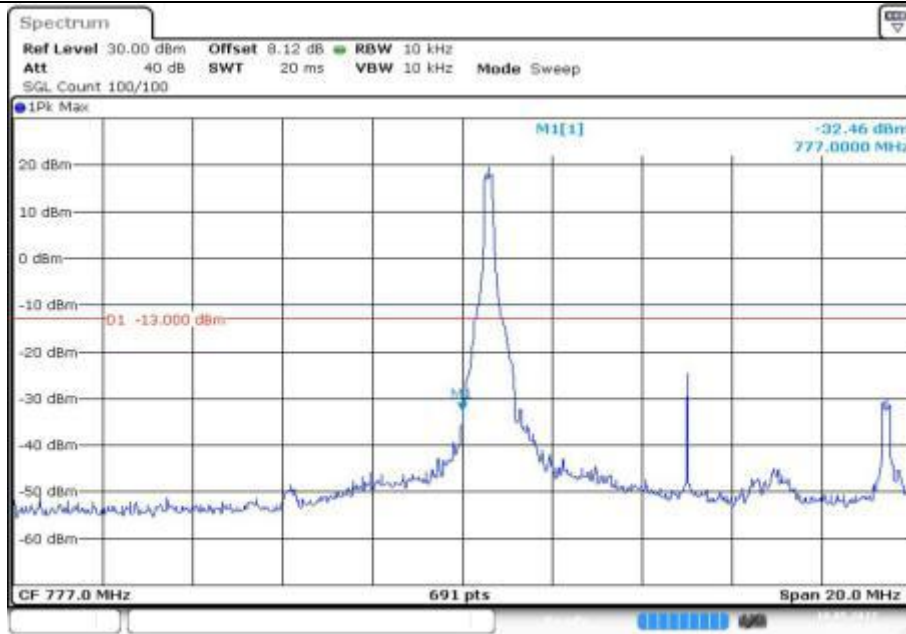
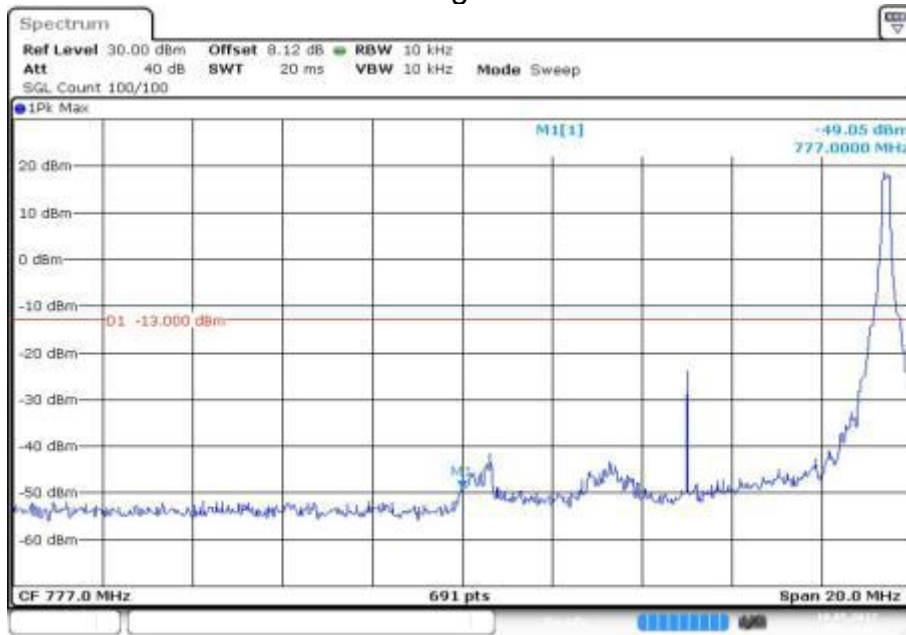


Fig.4



Date: 18.MAY.2017 07:10:17

Fig.5



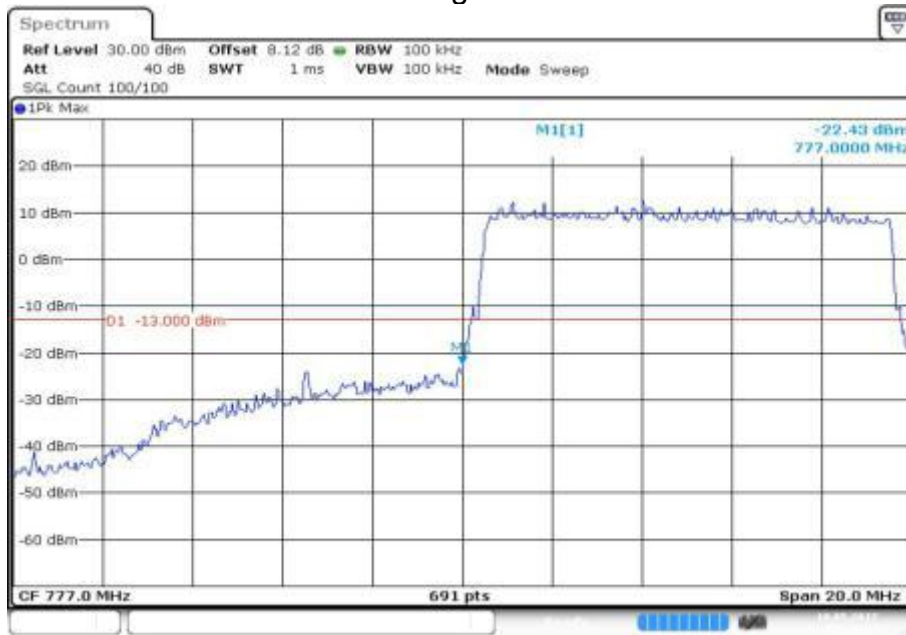
Date: 18.MAY.2017 07:10:30

Fig.6



Date: 18.MAY.2017 07:10:40

Fig.7



Date: 18.MAY.2017 07:10:51

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
13	782	23230	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

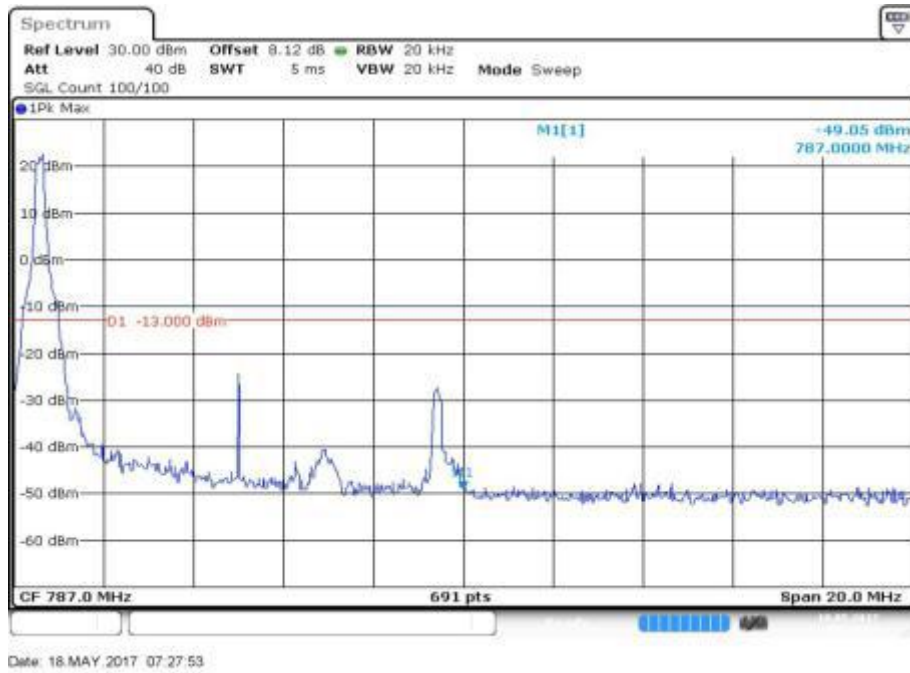


Fig.1

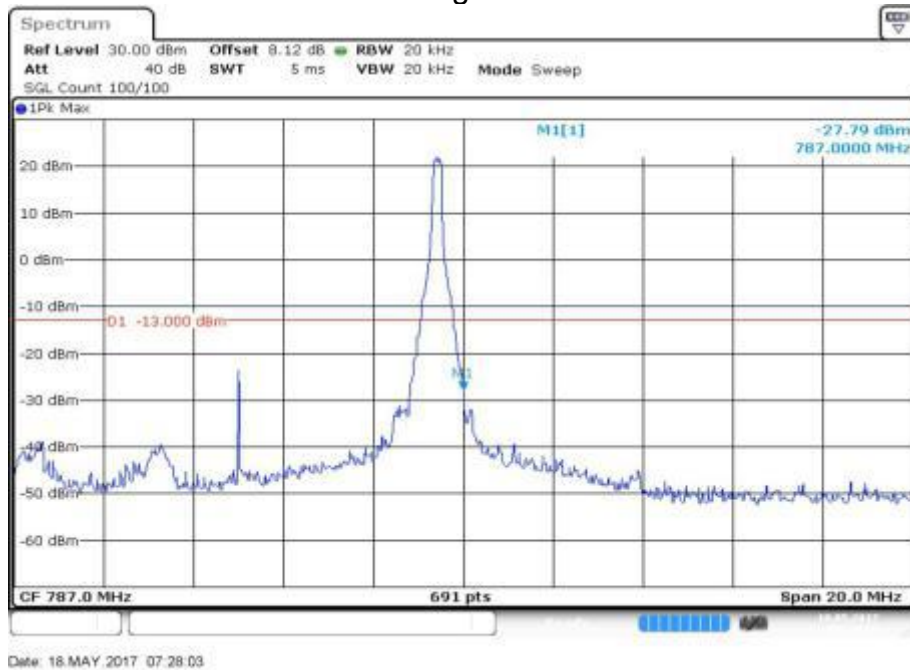


Fig.2



Fig.3

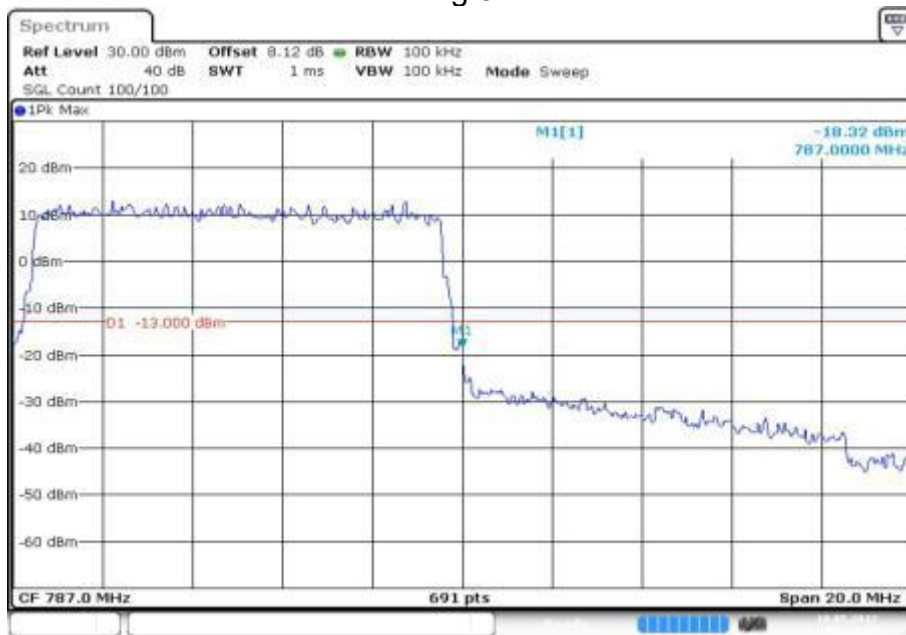
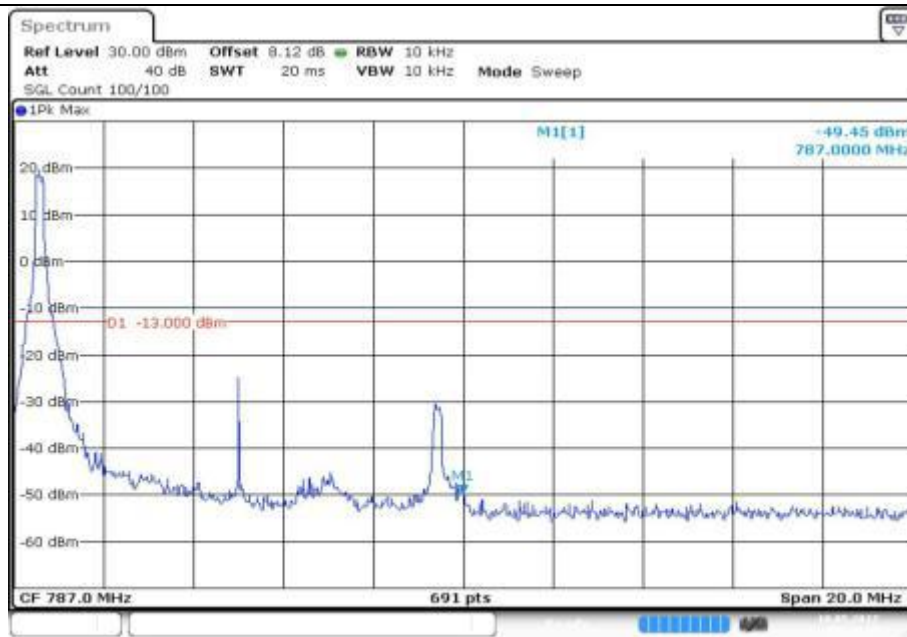
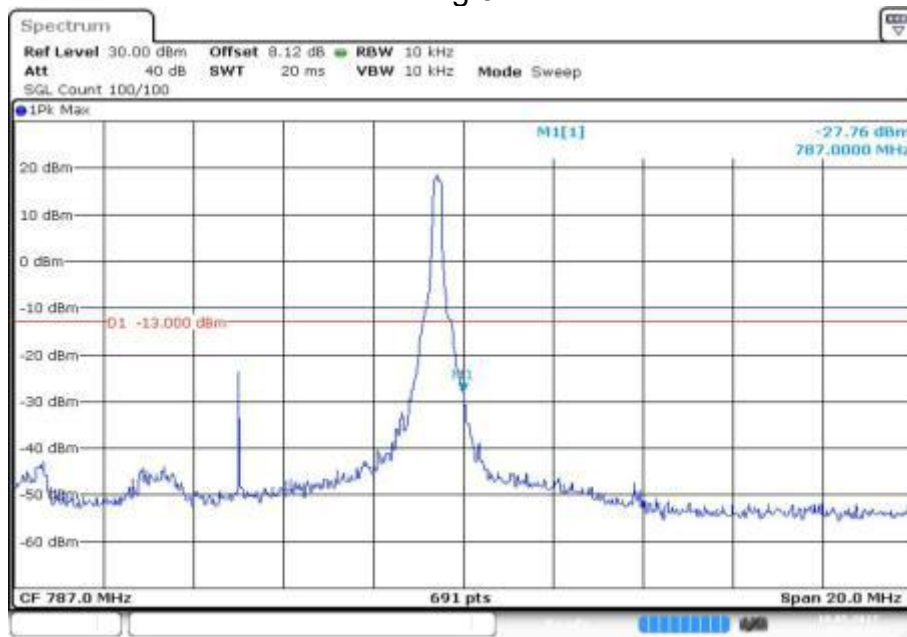


Fig.4



Date: 18.MAY.2017 07:28:37

Fig.5



Date: 18.MAY.2017 07:28:50

Fig.6

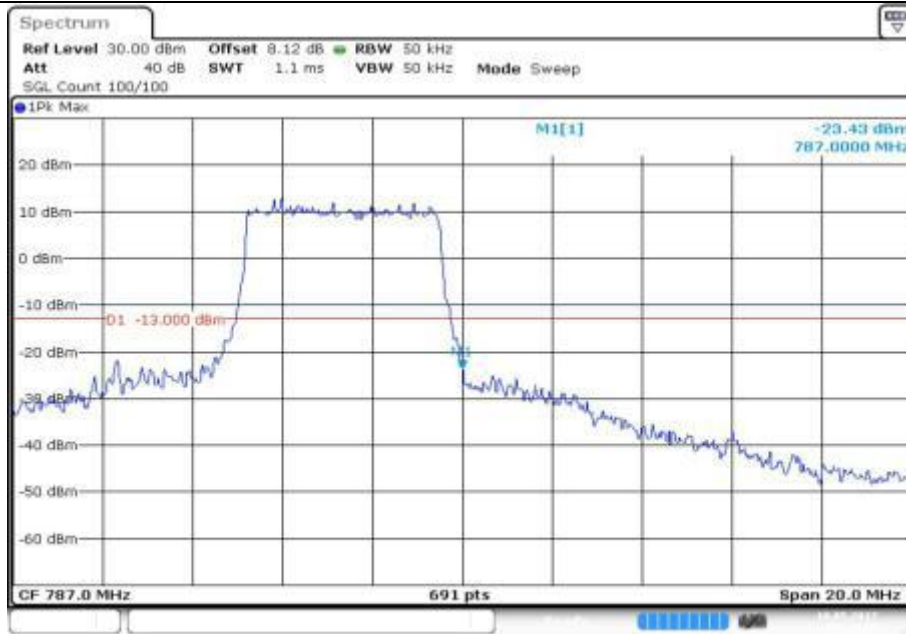


Fig.7

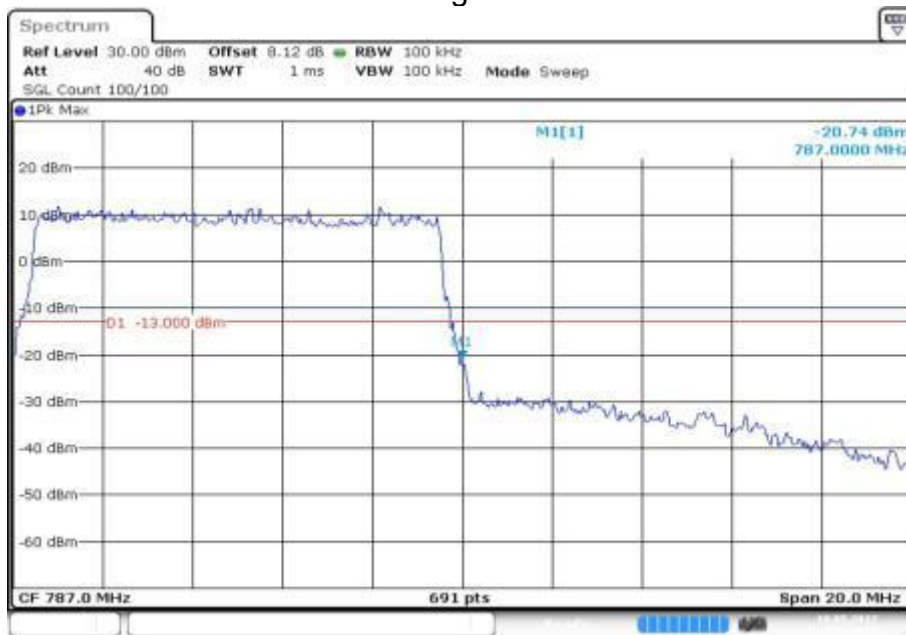


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
17	706.5	23755	5	1	0	Fig.1	Fig.5
				1	24	Fig.2	Fig.6
				12	6	Fig.3	Fig.7
				25	0	Fig.4	Fig.8

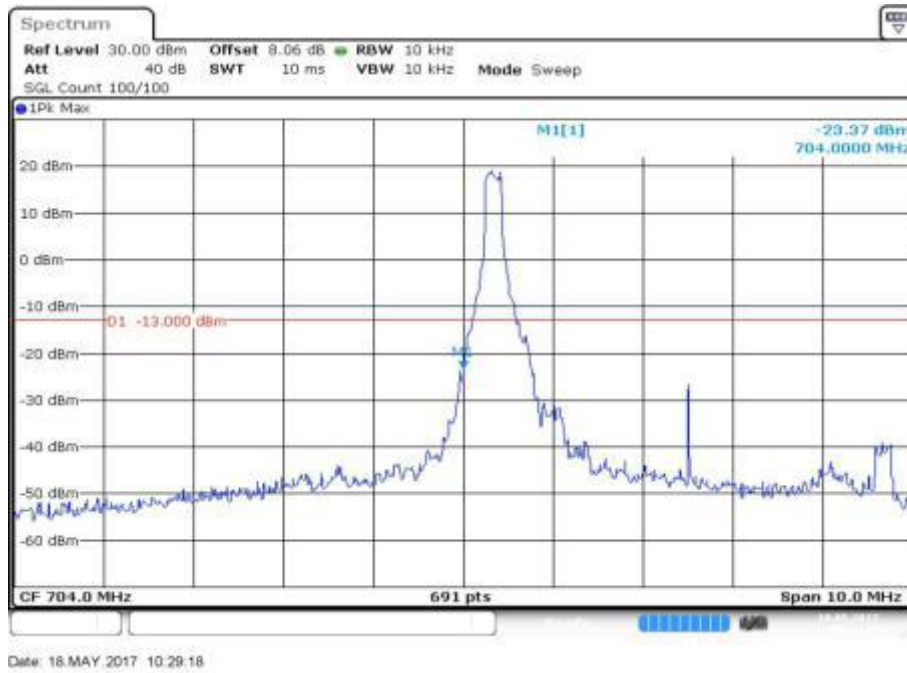


Fig.1

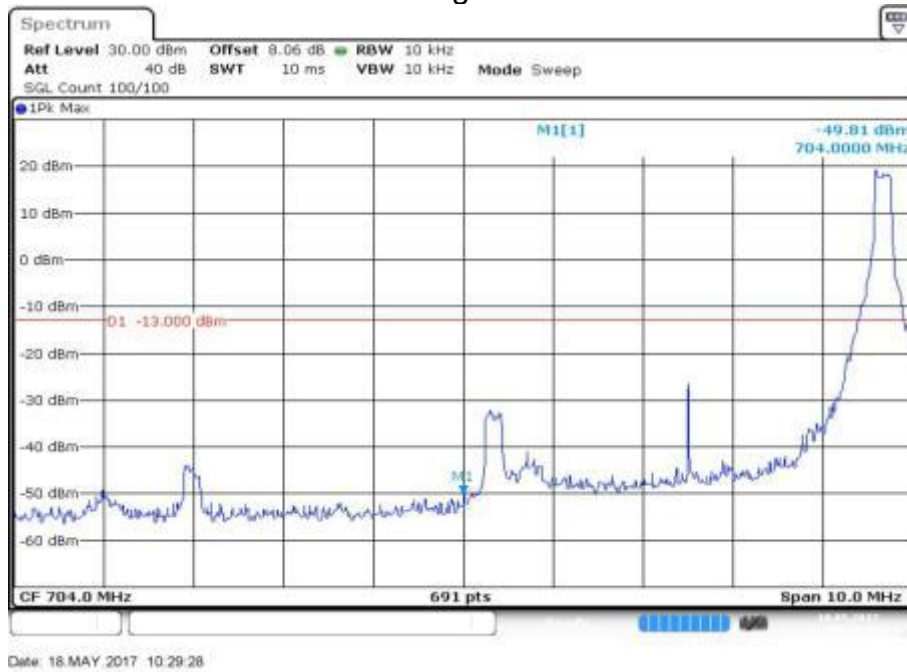


Fig.2

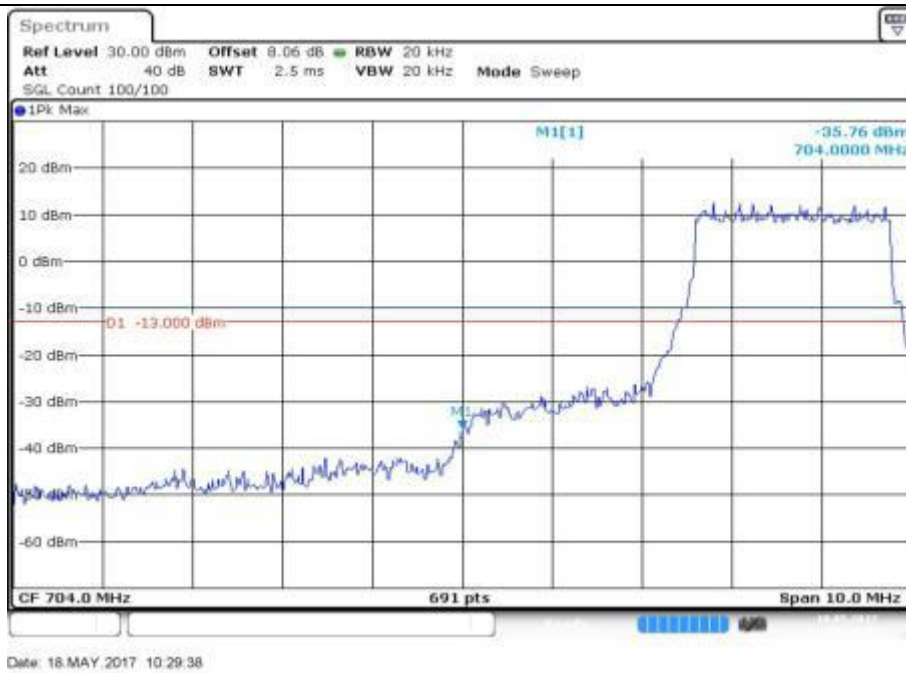


Fig.3

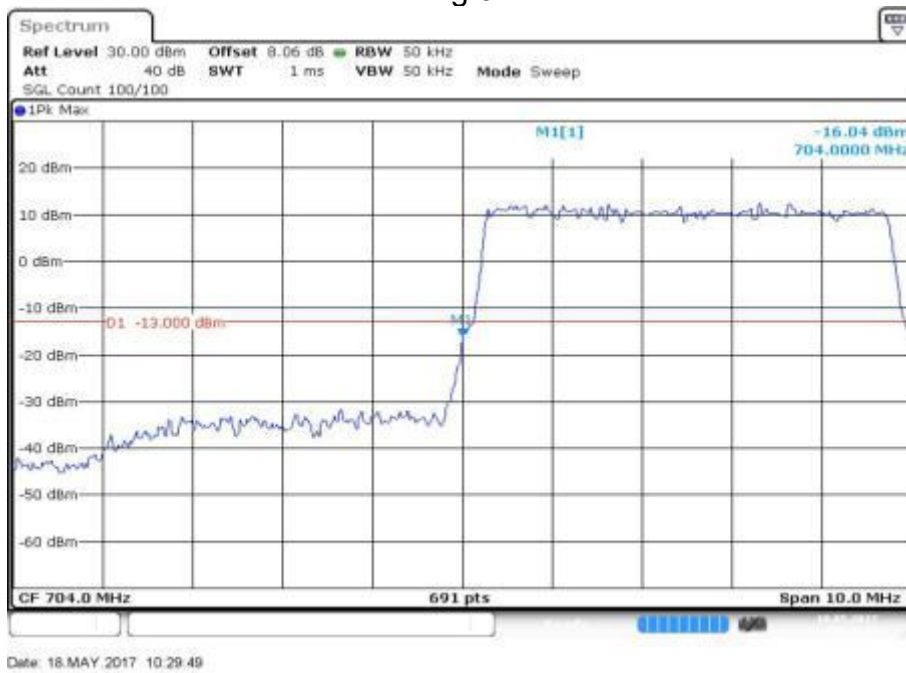


Fig.4

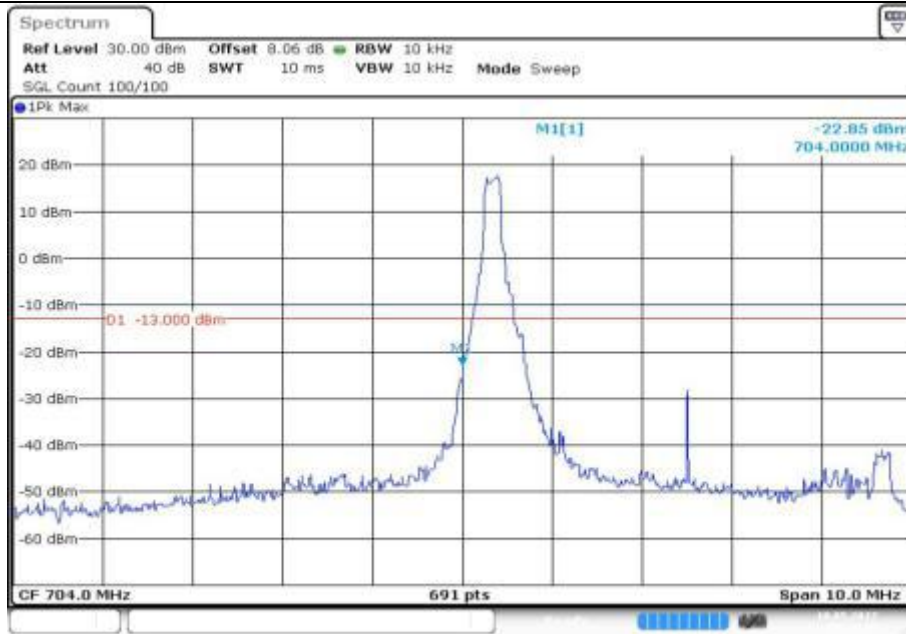


Fig.5

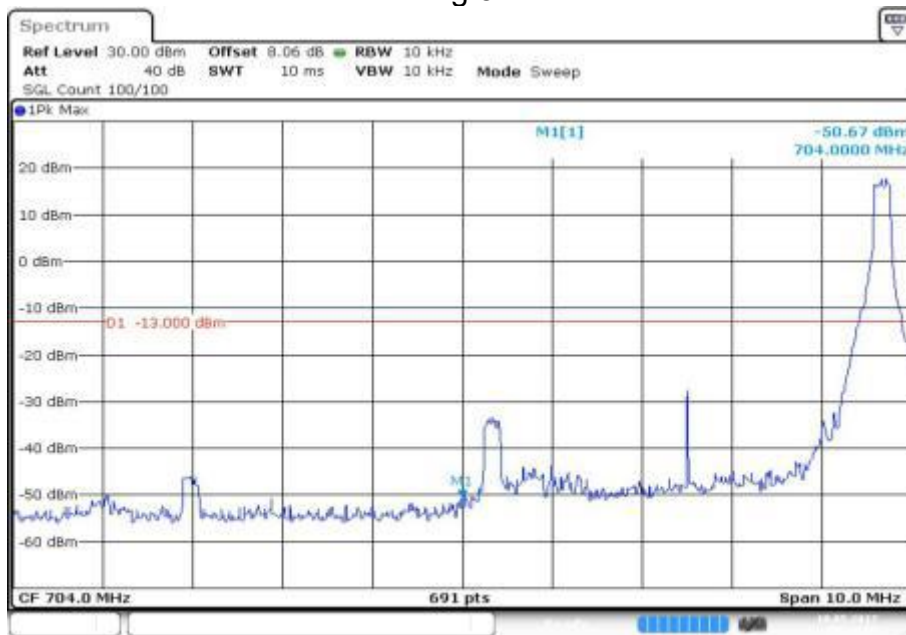
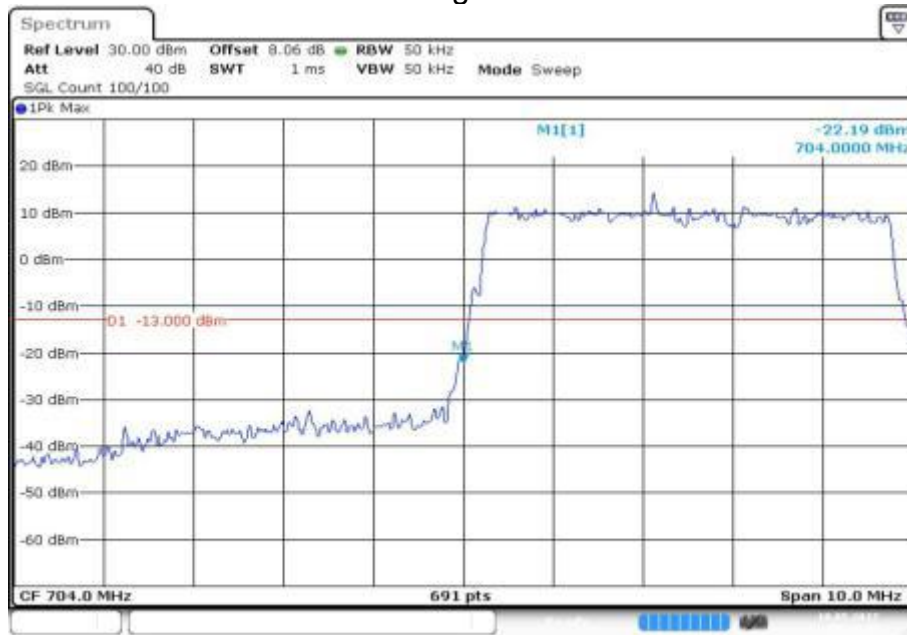


Fig.6



Date: 18.MAY.2017 10:30:20

Fig.7



Date: 18.MAY.2017 10:30:30

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
17	713.5	23825	5	1	0	Fig.1	Fig.5
				1	24	Fig.2	Fig.6
				12	6	Fig.3	Fig.7
				25	0	Fig.4	Fig.8



Fig.1

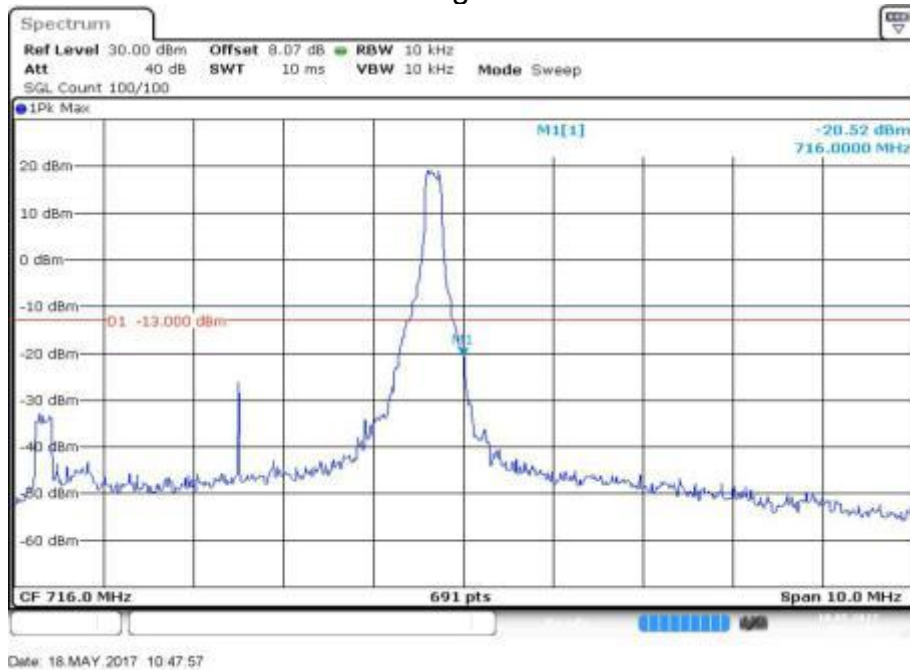
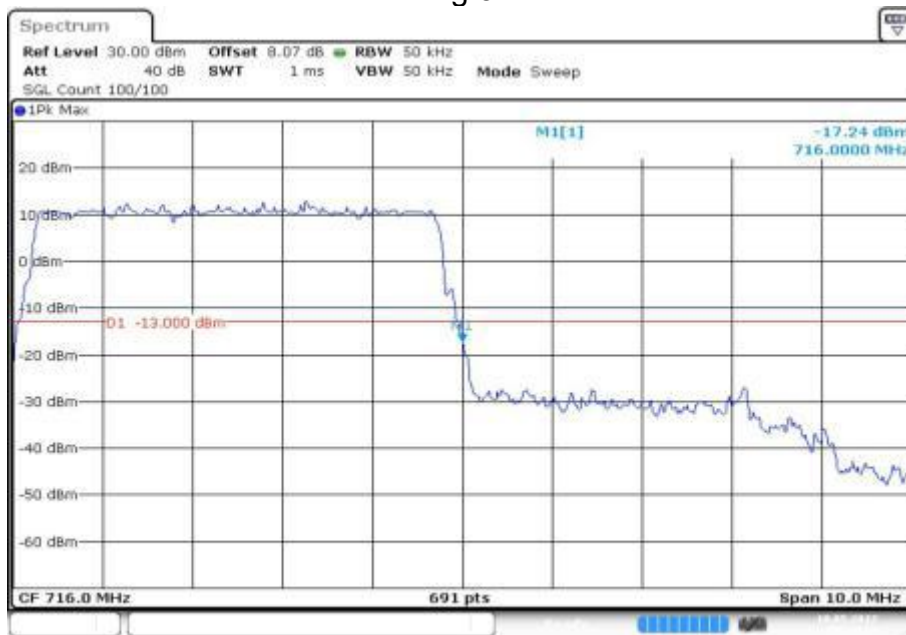


Fig.2



Date: 18.MAY.2017 10:48:08

Fig.3



Date: 18.MAY.2017 10:48:18

Fig.4

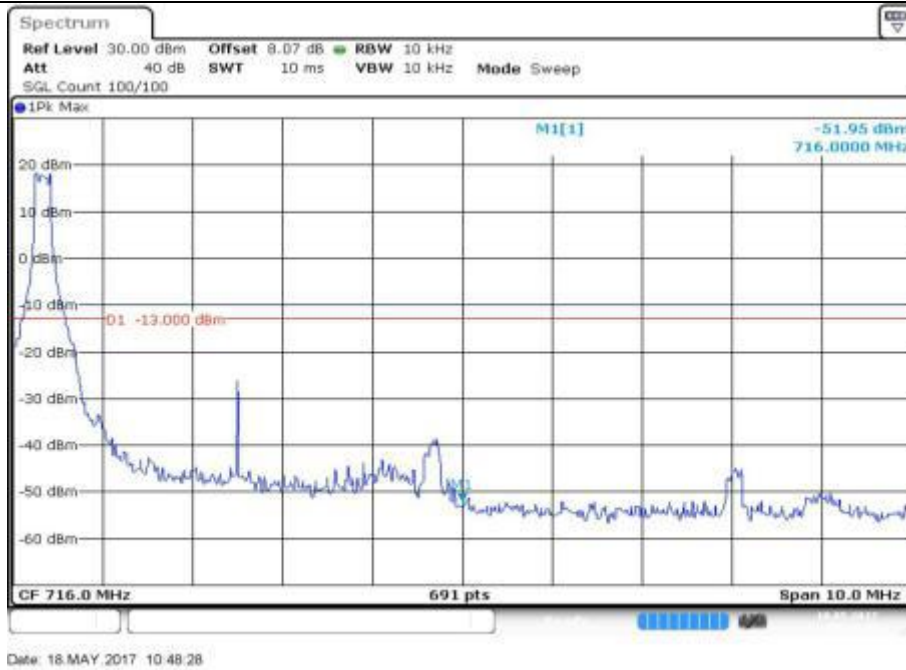


Fig.5

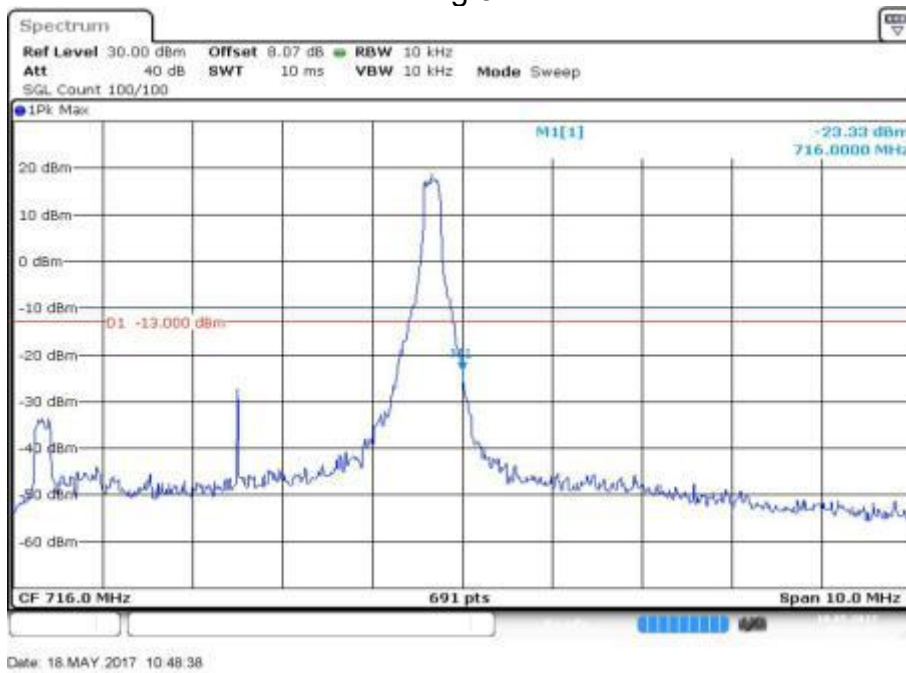
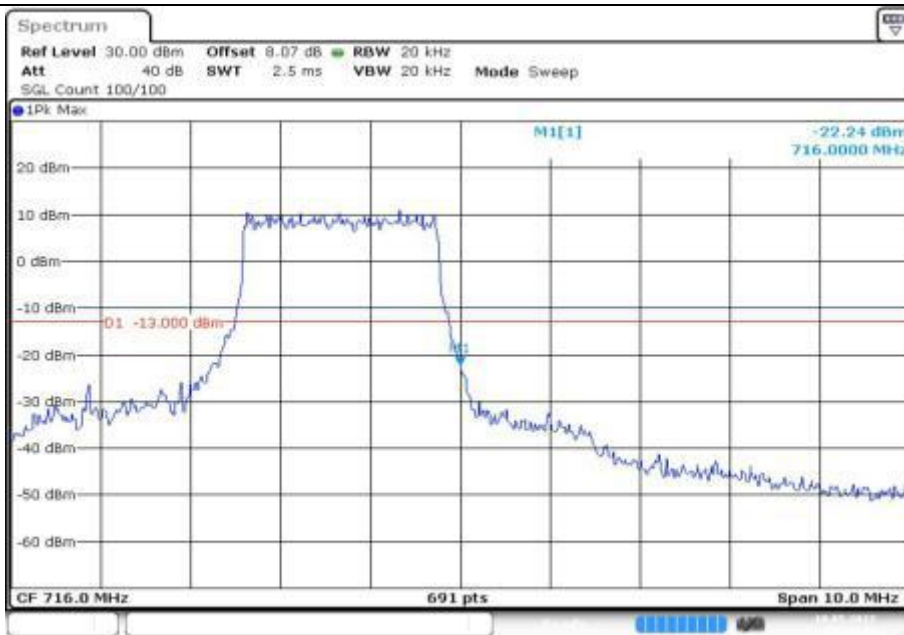
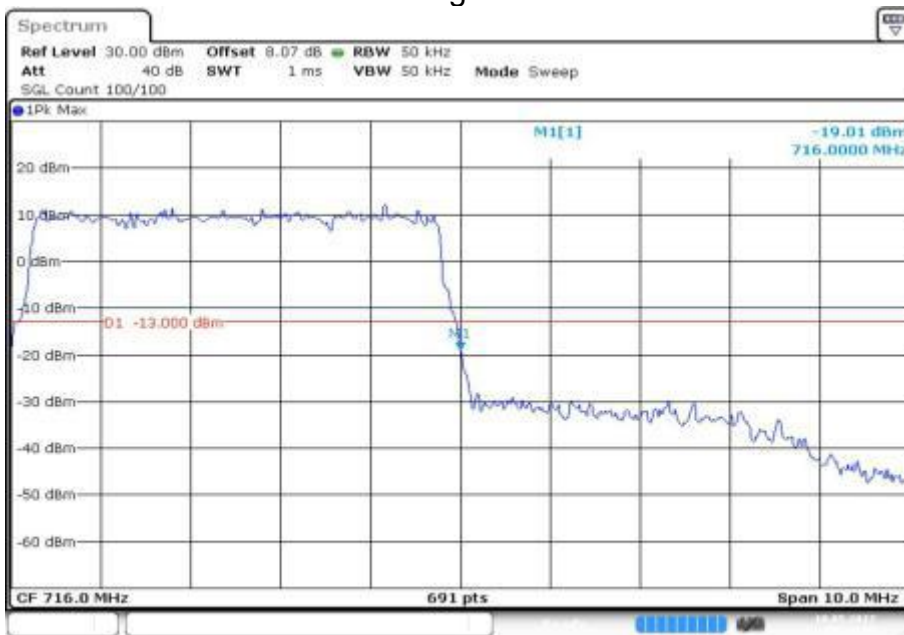


Fig.6



Date: 18.MAY.2017 10:48:49

Fig.7



Date: 18.MAY.2017 10:48:59

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
17	709	23780	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8

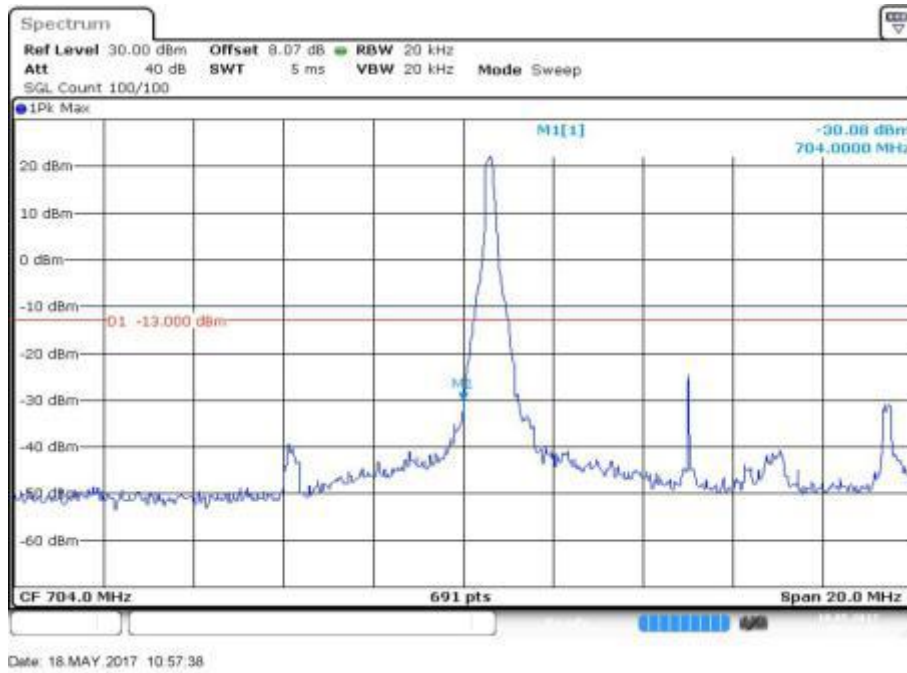


Fig.1

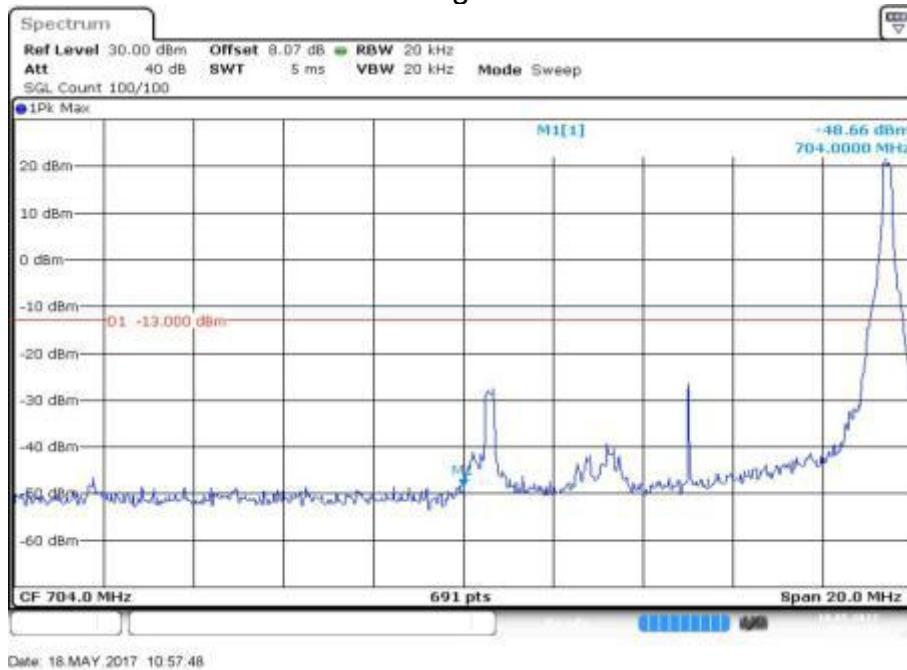


Fig.2

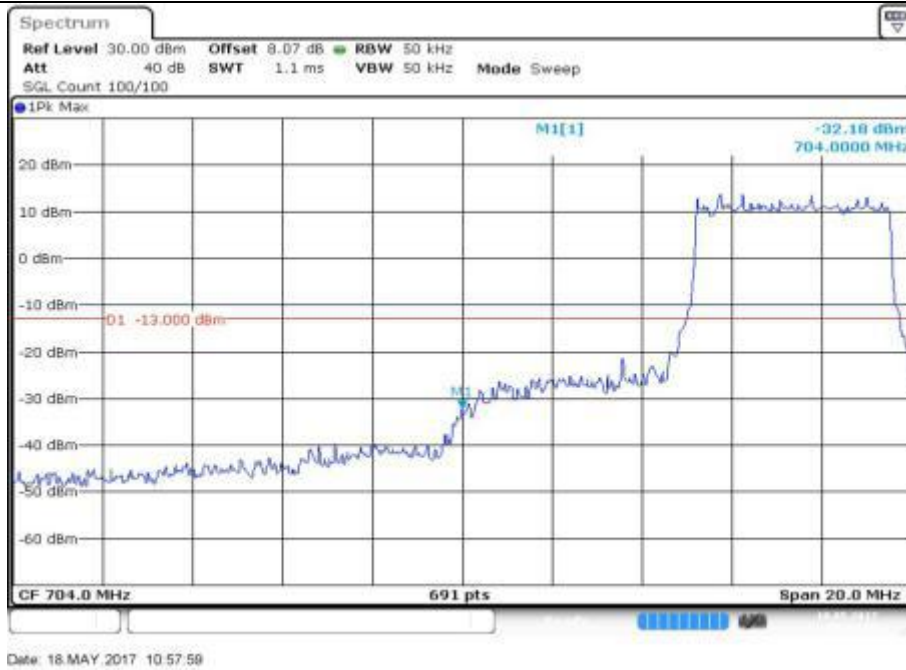


Fig.3

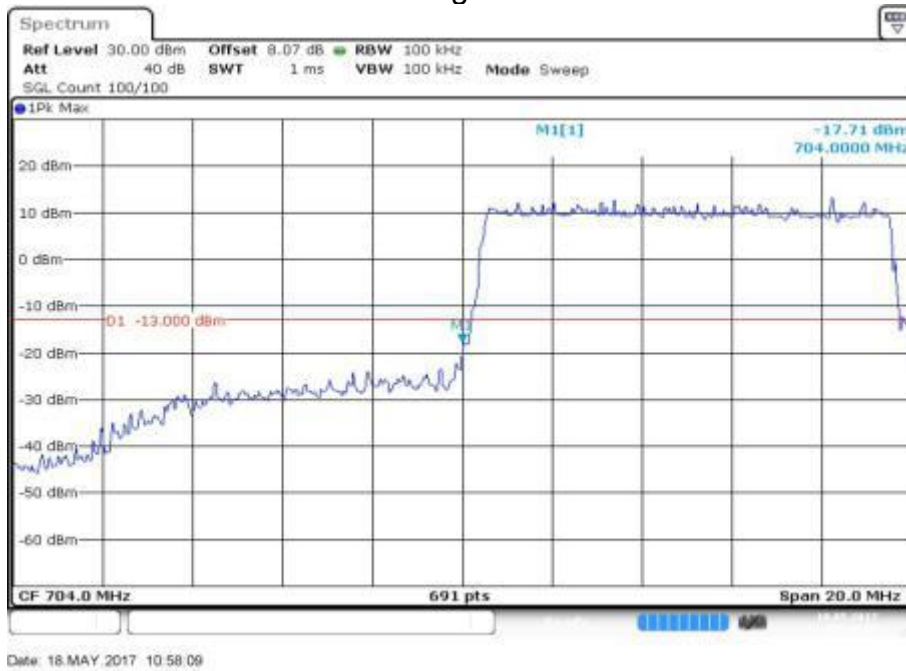
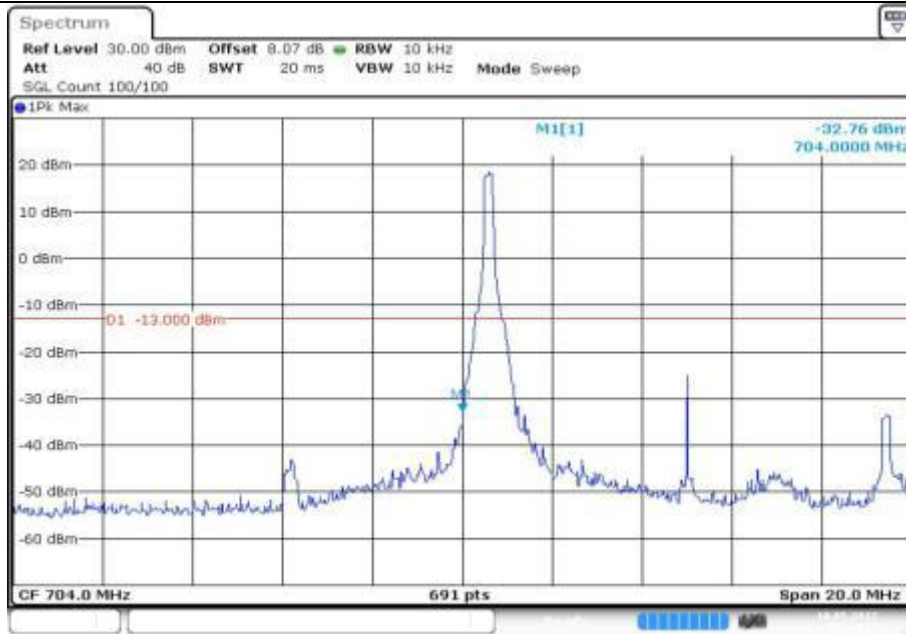
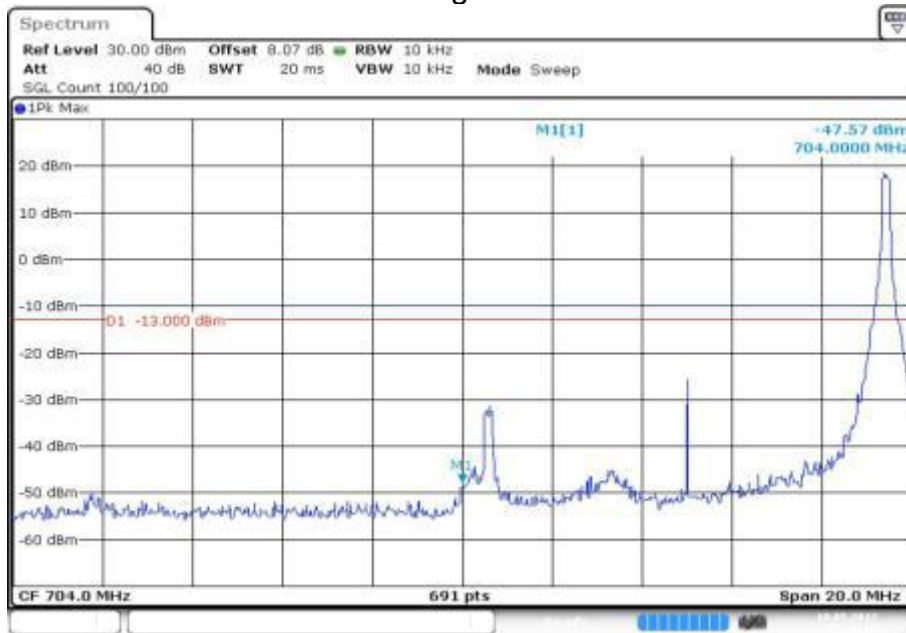


Fig.4



Date: 18.MAY.2017 10:58:22

Fig.5



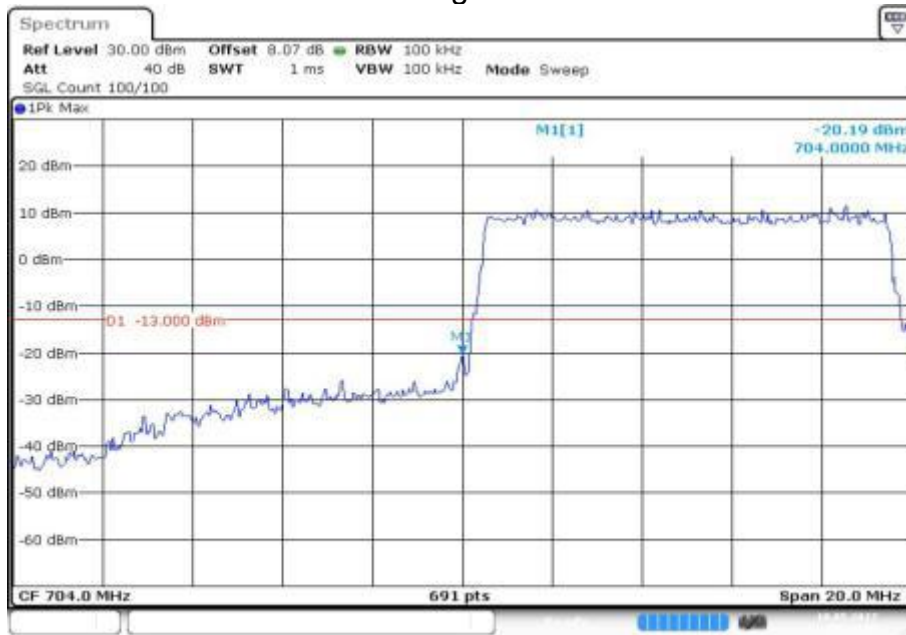
Date: 18.MAY.2017 10:58:35

Fig.6



Date: 18.MAY.2017 10:58:45

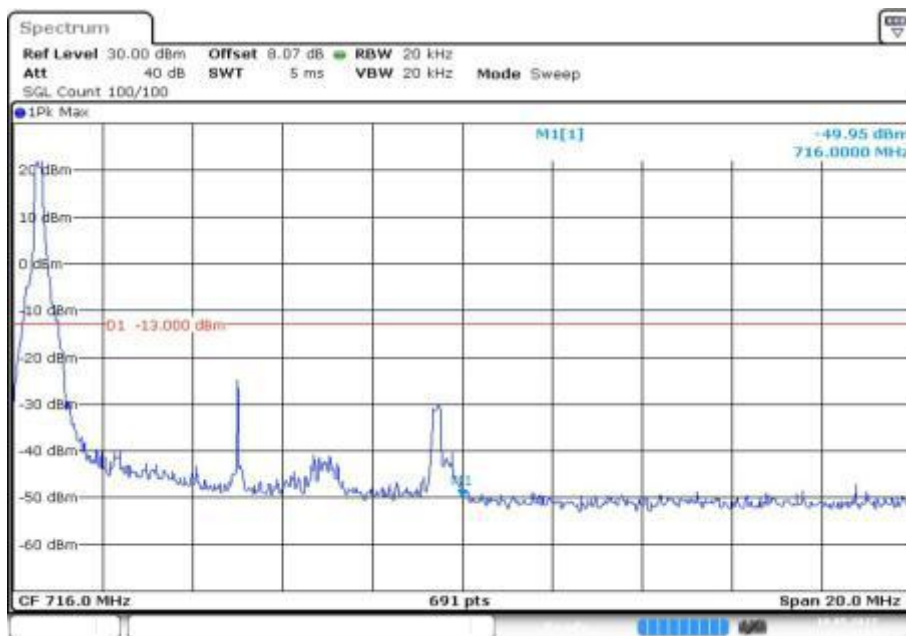
Fig.7



Date: 18.MAY.2017 10:58:55

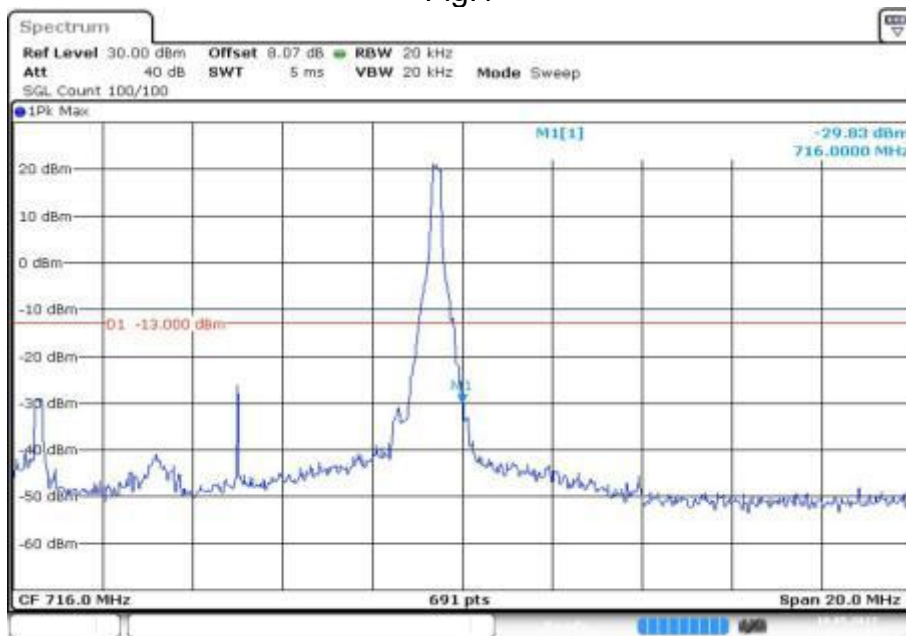
Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
17	711	23800	10	1	0	Fig.1	Fig.5
				1	49	Fig.2	Fig.6
				24	12	Fig.3	Fig.7
				50	0	Fig.4	Fig.8



Date: 18.MAY.2017 11:16:11

Fig.1



Date: 18.MAY.2017 11:16:22

Fig.2



Date: 18.MAY.2017 11:16:32

Fig.3



Date: 18.MAY.2017 11:16:42

Fig.4

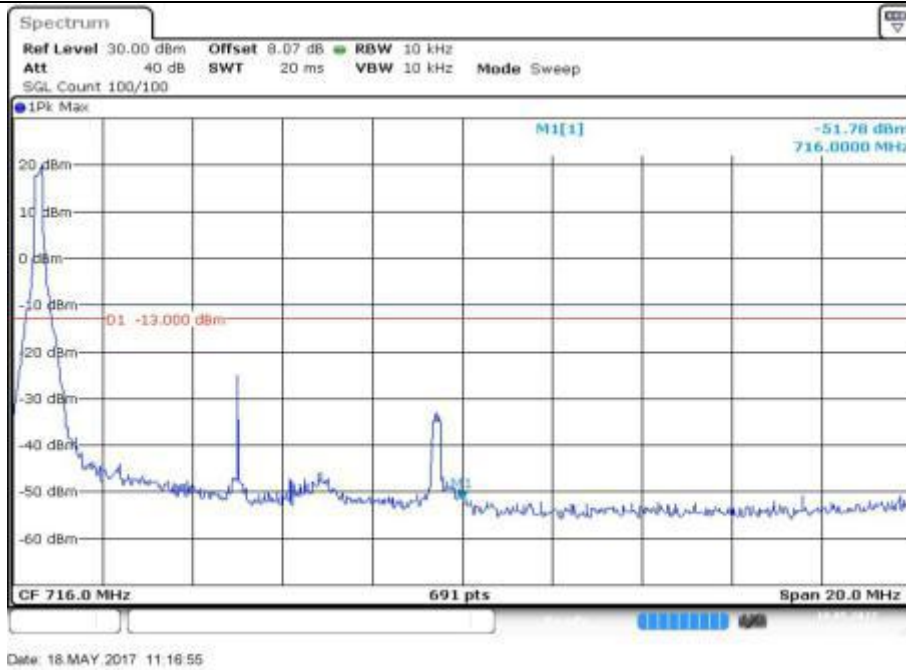


Fig.5

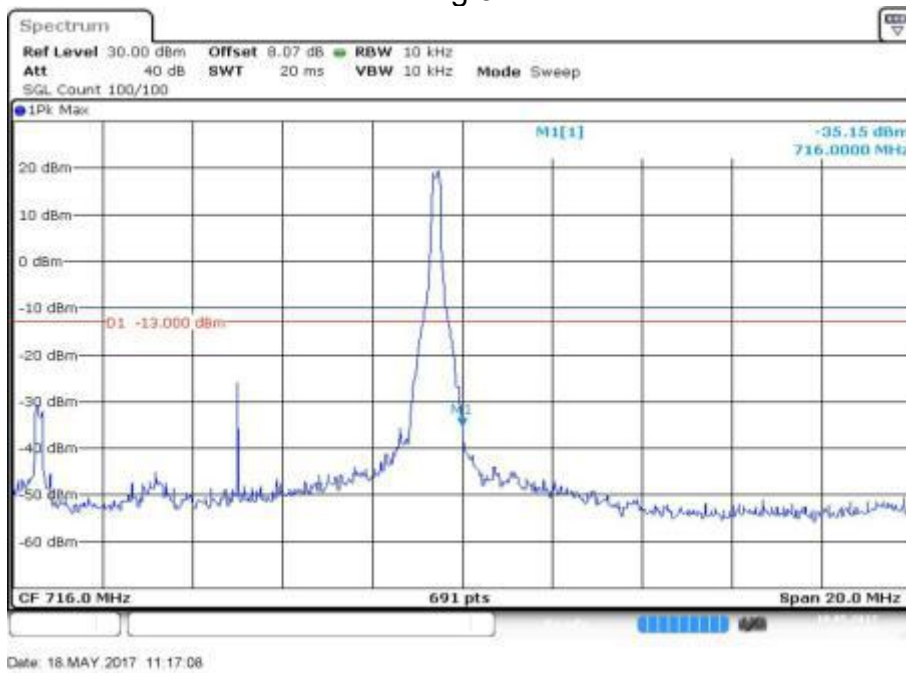
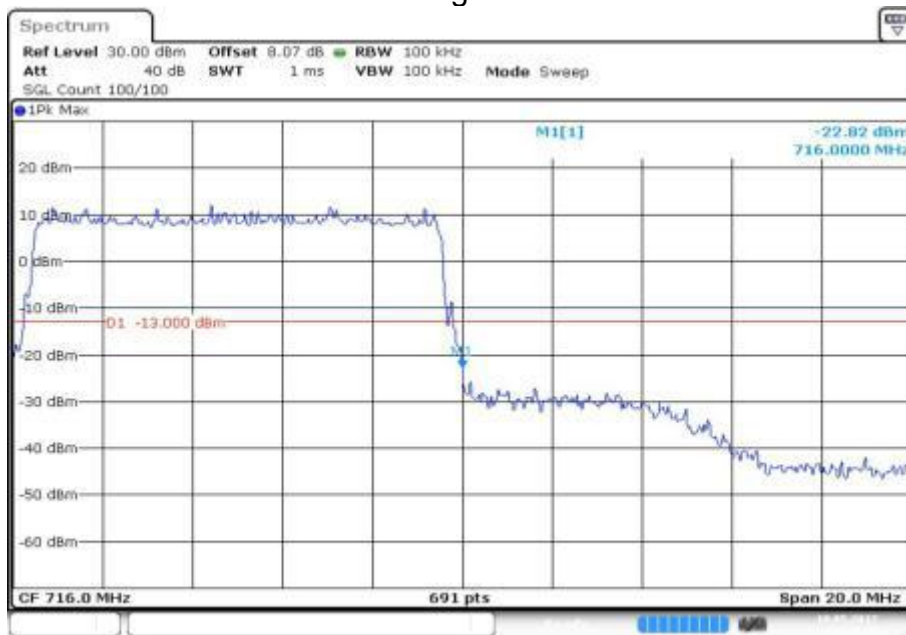


Fig.6



Date: 18.MAY.2017 11:17:18

Fig.7



Date: 18.MAY.2017 11:17:28

Fig.8

7 Frequency Stability-FCC Part 2.1055/27.54

Test result:

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
2	1.4	-30	-0.002	LV	-0.001
		-20	-0.001		
		-10	-0.001		
		0	-0.001		
		10	-0.002	HV	
		20	-0.002		
		30	-0.002		
		40	-0.001		
		50	-0.002		
	3	-30	-0.002		LV
		-20	-0.001		
		-10	-0.001		
		0	0.000		
		10	-0.002	HV	
		20	-0.002		
		30	-0.002		
		40	-0.002		
		50	-0.003		
	5	-30	-0.001		LV
		-20	-0.003		
		-10	-0.002		
		0	-0.002		
		10	-0.001	HV	
		20	-0.002		
		30	-0.001		
		40	-0.002		
		50	-0.003		
	10	-30	-0.001		LV
		-20	-0.001		
		-10	-0.002		

		0	-0.001	HV	-0.002	
		10	-0.001			
		20	-0.002			
		30	-0.001			
		40	-0.001			
		50	-0.002			
	15	LV	-30	-0.001	LV	-0.002
			-20	-0.001		
			-10	-0.002		
			0	-0.001		
		HV	10	-0.001	HV	-0.002
			20	-0.002		
			30	-0.002		
			40	-0.002		
	20	LV	50	-0.002	LV	-0.002
			-30	0.000		
			-20	0.000		
			-10	-0.002		
		HV	0	-0.002	HV	-0.002
			10	-0.002		
			20	-0.002		
			30	-0.002		
			40	-0.003		-0.002
			50	-0.002		

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT		
		Temperature(°C)		Voltage		
4	1.4	-30	0.002	LV	0.001	
		-20	0.001			
		-10	0.001			
		0	0.002			
		10	0.003			
		HV	20	0.000	HV	0.000
			30	0.000		
			40	0.000		
			50	0.000		

	3	-30	0.001	LV	0.000
		-20	0.001		
		-10	0.001		
		0	0.002		
		10	0.001		
		20	0.000	HV	
		30	-0.001		
		40	0.001		
		50	0.001		
	5	-30	0.002	LV	0.000
		-20	0.002		
		-10	-0.001		
		0	0.002		
		10	0.001		
		20	0.001	HV	
		30	0.000		
		40	0.000		
		50	0.000		
10	-30	0.000	LV	0.001	
	-20	0.001			
	-10	0.002			
	0	0.001			
	10	0.000			
	20	-0.001	HV		
	30	0.000			
	40	-0.001			
	50	0.001			
15	-30	0.002	LV	-0.002	
	-20	-0.001			
	-10	0.002			
	0	0.001			
	10	0.000			
	20	0.000	HV		
	30	0.000			
	40	-0.001			
	50	0.000			

	20	-30	0.001	LV	-0.002	
		-20	0.001			
		-10	0.001			
		0	0.001			
		10	0.000			
		20	0.000	HV		0.000
		30	-0.001			
		40	-0.002			
		50	-0.001			

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT		
		Temperature(°C)		Voltage		
5	1.4	-30	-0.005	LV	0.002	
		-20	0.010			
		-10	-0.001			
		0	-0.008			
		10	-0.008			
		20	-0.001	HV		0.000
		30	-0.003			
		40	-0.003			
		50	0.000			
	3	-30	-0.001		LV	
		-20	0.001			
		-10	0.001			
		0	0.000			
		10	-0.001			
		20	-0.002	HV	-0.001	
		30	0.000			
		40	-0.001			
		50	-0.002			
	5	5	-30	0.001	LV	-0.002
			-20	0.000		
			-10	0.001		
			0	0.000		
			10	-0.001		
			20	-0.001	HV	

		30	0.000			
		40	-0.001			
		50	0.000			
	10		-30	0.000	LV	-0.002
			-20	0.001		
			-10	0.001		
			0	-0.001		
			10	0.000		
			20	-0.002		
			30	-0.002	HV	0.001
			40	-0.002		
			50	-0.002		

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT					
		Temperature(°C)		Voltage					
12	1.4	-30	0.000	LV	-0.002				
		-20	-0.002						
		-10	-0.001						
		0	-0.002						
		10	0.001						
		20	-0.002						
		30	-0.002						
		40	-0.003						
	50	-0.001	HV	0.000					
	3	-30			0.000	LV	-0.002		
		-20			-0.002				
		-10			0.000				
		0			-0.001				
		10			0.001				
		20			0.000			HV	0.000
		30			-0.002				
		40	-0.001						
	50	-0.002							
	5		-30	-0.001	LV	-0.002			
			-20	-0.002					
			-10	-0.001					

		0	-0.001	HV	-0.001	
		10	0.000			
		20	0.002			
		30	-0.002			
		40	-0.003			
		50	0.001			
	10	LV	-30	0.001	LV	-0.001
			-20	-0.003		
			-10	-0.003		
			0	-0.002		
		HV	10	-0.001	HV	-0.003
			20	-0.002		
			30	-0.004		
			40	0.000		
		50	-0.002			

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT		
		Temperature(°C)		Voltage		
13	5	-30	0.000	LV	0.001	
		-20	-0.003			
		-10	-0.003			
		0	-0.001			
		HV	10	-0.003	HV	0.001
			20	-0.001		
			30	-0.002		
			40	0.000		
	10	LV	50	0.000	LV	0.000
			-30	-0.001		
			-20	-0.003		
			-10	-0.003		
		HV	0	-0.001	HV	0.001
			10	-0.002		
			20	-0.001		
			30	-0.001		
		40	-0.001			
		50	-0.002			

Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT			
		Temperature(°C)		Voltage			
17	5	-30	0.002	LV	-0.002		
		-20	-0.001				
		-10	-0.001				
		0	-0.001				
		10	-0.002	HV			
		20	-0.001				
		30	-0.002				
		40	0.000				
	50	-0.005					
	10	-30	0.000	LV	-0.002		
			-20			-0.001	
			-10			-0.001	
			0			0.001	
		10	-0.001	HV		-0.001	
			20				-0.001
			30				0.001
40			-0.003				
50	-0.001						

APPENDIX B – TEST DATA OF RADIATED EMISSION

Effective Radiated Power-FCC Part 27.50(d)(4)

LTE band 2

BW 1.4MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1850.7	22.65	-4.8	8.6	18.85	Vertical
1880.0	22.06	-4.8	8.6	18.26	Vertical
1909.3	22.68	-4.8	8.6	18.88	Vertical

BW 3MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1851.4	21.58	-4.8	8.6	17.78	Vertical
1880.0	21.00	-4.8	8.6	17.20	Vertical
1908.6	21.11	-4.8	8.6	17.31	Vertical

BW 5MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1852.5	21.46	-4.8	8.6	17.66	Vertical
1880.0	21.68	-4.8	8.6	17.88	Vertical
1907.5	21.02	-4.8	8.6	17.22	Vertical

BW 10MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1855	20.98	-4.8	8.6	17.18	Vertical
1880.0	19.92	-4.8	8.6	16.12	Vertical
1905	20.56	-4.8	8.6	16.76	Vertical

BW 15MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1857.5	21.70	-4.8	8.6	17.90	Vertical
1880.0	20.72	-4.8	8.6	16.92	Vertical
1902.5	20.60	-4.8	8.6	16.80	Vertical

BW 20MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1860	21.27	-4.8	8.6	17.47	Vertical
1880.0	20.69	-4.8	8.6	16.89	Vertical
1900	20.49	-4.8	8.6	16.69	Vertical

LTE band 4

BW 1.4MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1710.7	21.58	-5	8.6	17.98	Vertical
1732.5	20.24	-5	8.6	16.64	Vertical
1754.3	19.71	-5	8.6	16.11	Vertical

BW 3MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1711.5	21.32	-5	8.6	17.72	Vertical
1732.5	19.97	-5	8.6	16.37	Vertical
1753.5	19.89	-5	8.6	16.29	Vertical

BW 5MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1712.5	20.62	-5	8.6	17.02	Vertical
1732.5	20.03	-5	8.6	16.43	Vertical
1752.5	20.43	-5	8.6	16.83	Vertical

BW 10MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1715	21.04	-5	8.6	17.44	Vertical
1732.5	19.81	-5	8.6	16.21	Vertical
1750	20.01	-5	8.6	16.41	Vertical

BW 15MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1717.5	20.79	-5	8.6	17.19	Vertical
1732.5	19.81	-5	8.6	16.21	Vertical
1747.5	20.09	-5	8.6	16.49	Vertical

BW 20MHz Test result:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1720	21.16	-5	8.6	17.56	Vertical
1732.5	20.37	-5	8.6	16.77	Vertical
1745	20.38	-5	8.6	16.78	Vertical

LTE band 5

BW 1.4MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
824.7	18.51	-3.8	8.6	2.15	11.56	Vertical
836.5	18.12	-3.8	8.6	2.15	11.17	Vertical
848.3	19.06	-3.8	8.6	2.15	12.11	Vertical

BW 3MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
825.4	18.51	-3.8	8.6	2.15	11.56	Vertical
836.5	17.45	-3.8	8.6	2.15	10.50	Vertical
847.6	18.82	-3.8	8.6	2.15	11.87	Vertical

BW 5MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
826.5	19.14	-3.8	8.6	2.15	12.19	Vertical
836.5	18.13	-3.8	8.6	2.15	11.18	Vertical
846.5	18.76	-3.8	8.6	2.15	11.81	Vertical

BW 10MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
829	19.02	-3.8	8.6	2.15	12.07	Vertical
836.5	18.37	-3.8	8.6	2.15	11.42	Vertical
844	18.90	-3.8	8.6	2.15	11.95	Vertical

LTE band 12

BW 1.4MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
699.7	22.85	-3.8	8.6	2.15	20.20	Vertical
707.5	22.55	-3.8	8.6	2.15	19.90	Vertical
715.3	22.42	-3.8	8.6	2.15	19.77	Vertical

BW 3MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
700.5	22.80	-3.8	8.6	2.15	20.15	Vertical
707.5	22.51	-3.8	8.6	2.15	19.86	Vertical
714.5	22.46	-3.8	8.6	2.15	19.81	Vertical

BW 5MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
701.5	22.82	-3.8	8.6	2.15	20.17	Vertical

707.5	22.59	-3.8	8.6	2.15	19.94	Vertical
713.5	22.83	-3.8	8.6	2.15	20.18	Vertical

BW 10MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
704	22.22	-3.8	8.6	2.15	19.57	Vertical
707.5	22.84	-3.8	8.6	2.15	20.19	Vertical
711	22.60	-3.8	8.6	2.15	19.95	Vertical

LTE band 13

BW 5MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
779.5	22.27	-3.8	8.6	2.15	19.62	Vertical
782	23.32	-3.8	8.6	2.15	20.67	Vertical
784.5	22.73	-3.8	8.6	2.15	20.08	Vertical

BW 10MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
782	22.10	-3.8	8.6	2.15	19.45	Vertical

LTE band 17

BW 5MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
706.5	20.67	-3.8	8.6	2.15	18.02	Vertical
710	21.24	-3.8	8.6	2.15	18.59	Vertical
713.5	21.30	-3.8	8.6	2.15	18.65	Vertical

BW 10MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
709	20.76	-3.8	8.6	2.15	18.11	Vertical
710	21.02	-3.8	8.6	2.15	18.37	Vertical
711	20.87	-3.8	8.6	2.15	18.22	Vertical

Radiated Spurious Emissions-FCC Part 2.1053/27.53(h), 27.53(g)

LTE band 2

Test result:

Channel 18607

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.70	-51.98	-13	Vertical
2783.40	-51.60	-13	Vertical
3727.55	-44.28	-13	Vertical
6676.66	-43.38	-13	Horizontal
9962.33	-40.39	-13	Vertical
17820.94	-35.42	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.36	-53.46	-13	Vertical
2779.69	-51.84	-13	Vertical
3731.01	-43.62	-13	Vertical
6676.19	-43.48	-13	Vertical
9960.49	-38.91	-13	Vertical
17823.82	-36.19	-13	Vertical

Channel 19193

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.42	-53.31	-13	Vertical
2781.64	-51.39	-13	Vertical
3725.25	-43.59	-13	Horizontal
6679.25	-43.94	-13	Vertical
9965.09	-40.24	-13	Vertical
17819.46	-36.19	-13	Vertical

LTE band 4
Test result:
Channel 17214

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.58	-52.66	-13	Vertical
2782.21	-51.90	-13	Vertical
3731.56	-42.77	-13	Horizontal
6677.40	-44.08	-13	Vertical
9964.60	-39.13	-13	Vertical
17824.10	-35.18	-13	Vertical

Channel 17425

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.19	-52.75	-13	Vertical
2779.46	-52.01	-13	Vertical
3728.36	-43.23	-13	Vertical
6678.34	-43.54	-13	Vertical
9966.38	-40.32	-13	Vertical
17821.30	-36.36	-13	Vertical

Channel 17636

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.43	-53.70	-13	Vertical
2782.60	-51.68	-13	Vertical
3730.41	-42.76	-13	Vertical
6673.22	-43.73	-13	Vertical
9964.83	-40.03	-13	Vertical
17823.51	-34.89	-13	Vertical

LTE band 5
Test result:
Channel 8365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.10	-52.10	-13	Vertical
2782.09	-52.46	-13	Vertical
3730.70	-43.43	-13	Vertical
6680.22	-42.98	-13	Vertical
9964.15	-40.22	-13	Vertical
17822.57	-35.55	-13	Vertical

Channel 8465

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.74	-52.80	-13	Vertical
2779.16	-52.16	-13	Vertical
3728.40	-44.47	-13	Vertical
6676.34	-43.11	-13	Vertical
9964.31	-39.98	-13	Vertical
17822.20	-36.07	-13	Vertical

Channel 8565

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.45	-53.36	-13	Vertical
2781.06	-52.49	-13	Horizontal
3729.30	-43.89	-13	Vertical
6679.93	-43.35	-13	Horizontal
9963.33	-39.82	-13	Vertical
17821.58	-36.12	-13	Vertical

LTE band 12

Test result:

Channel 23025

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.88	-52.80	-13	Vertical
2781.73	-52.21	-13	Vertical
3728.27	-43.99	-13	Vertical
6677.47	-43.04	-13	Vertical
9964.60	-39.70	-13	Vertical
17820.82	-35.66	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.59	-53.00	-13	Vertical
2780.61	-51.80	-13	Vertical
3729.22	-43.64	-13	Vertical
6679.24	-43.65	-13	Vertical
9964.37	-39.85	-13	Vertical
17822.51	-35.90	-13	Vertical

Channel 23165

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.02	-52.92	-13	Vertical
2779.45	-51.61	-13	Vertical
3730.88	-44.28	-13	Horizontal
6677.50	-43.47	-13	Vertical
9962.33	-40.38	-13	Vertical
17821.91	-35.56	-13	Vertical

LTE band 13

Test result:

Channel 23205

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.19	-52.48	-13	Vertical
2780.82	-51.53	-13	Vertical
3728.22	-43.87	-13	Vertical
6679.78	-43.52	-13	Vertical
9965.07	-40.29	-13	Vertical
17823.85	-36.04	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.61	-52.58	-13	Vertical
2779.23	-51.48	-13	Vertical
3728.65	-44.28	-13	Vertical
6677.51	-43.16	-13	Vertical
9961.94	-40.02	-13	Vertical
17822.61	-35.73	-13	Vertical

Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.74	-52.44	-13	Vertical
2778.88	-51.45	-13	Vertical
3728.04	-43.41	-13	Horizontal
6679.54	-43.54	-13	Vertical
9963.85	-39.45	-13	Vertical
17823.44	-35.21	-13	Vertical

LTE band 17

Test result:

Channel 23780

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.21	-52.76	-13	Vertical
2778.26	-51.30	-13	Vertical
3727.15	-43.54	-13	Vertical
6679.72	-43.37	-13	Vertical
9963.33	-39.93	-13	Vertical
17823.75	-35.94	-13	Vertical

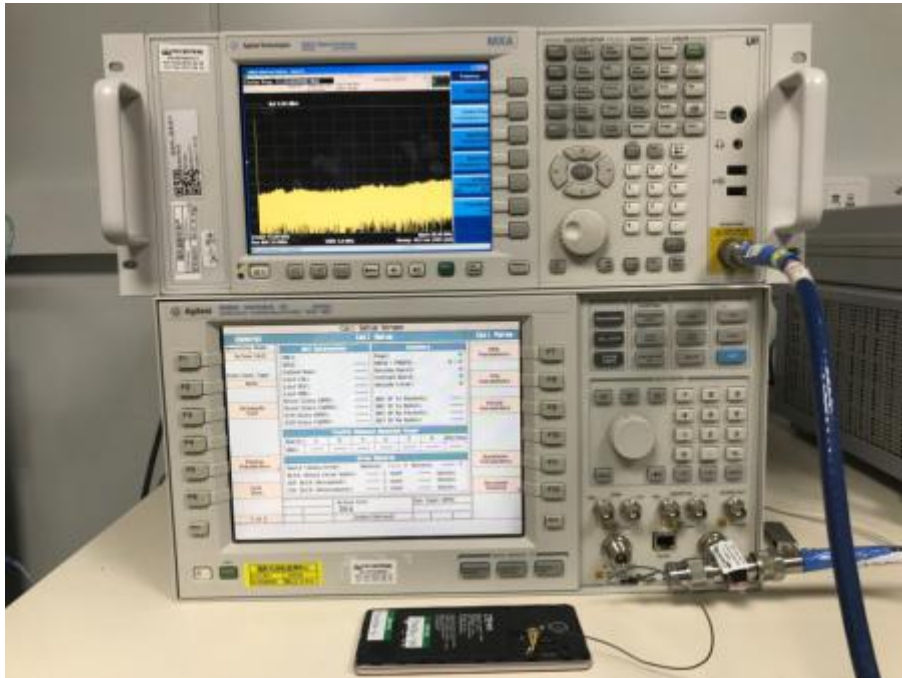
Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.65	-53.04	-13	Vertical
2779.16	-51.61	-13	Vertical
3727.58	-43.41	-13	Vertical
6678.70	-43.88	-13	Vertical
9964.36	-40.30	-13	Vertical
17821.81	-35.79	-13	Vertical

Channel 23800

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.74	-52.25	-13	Vertical
2781.58	-51.28	-13	Vertical
3730.42	-43.81	-13	Horizontal
6678.85	-43.81	-13	Vertical
9964.22	-40.06	-13	Vertical
17822.81	-36.11	-13	Vertical

APPENDIX C –TEST SETUP



Spurious RF Conducted Emissions Test setup



Radiated Spurious Emissions Test setup

---End of Test Report---