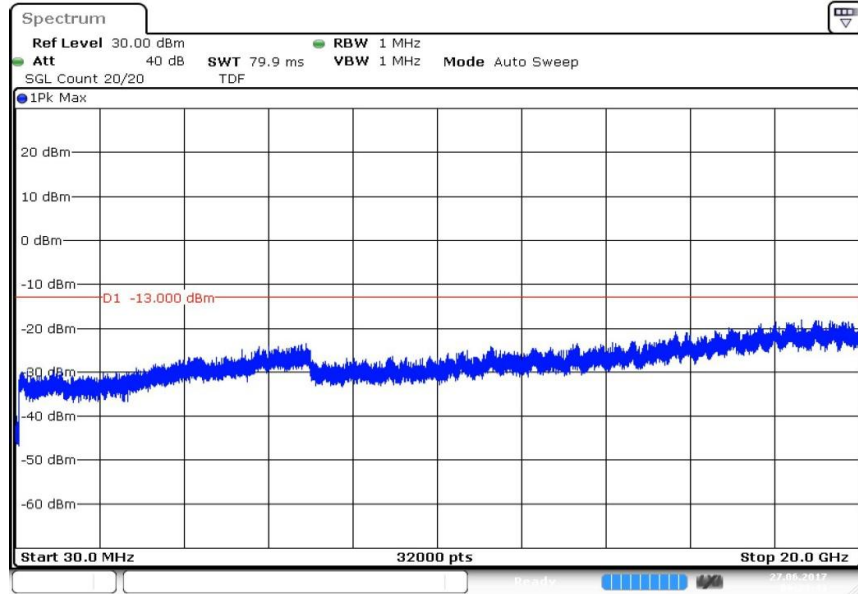
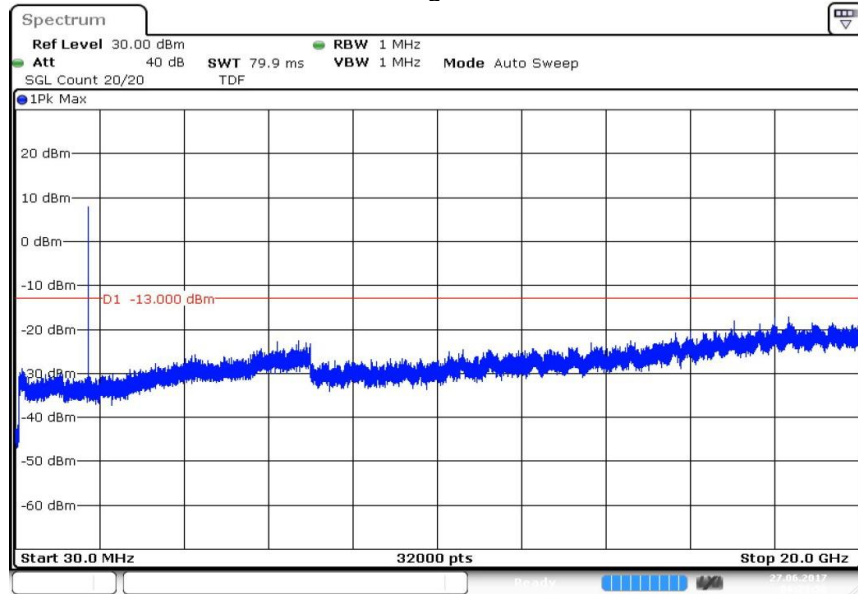




Date: 27 JUN 2017 06:23:44

Fig.3



Date: 27 JUN 2017 06:23:56

Fig.4

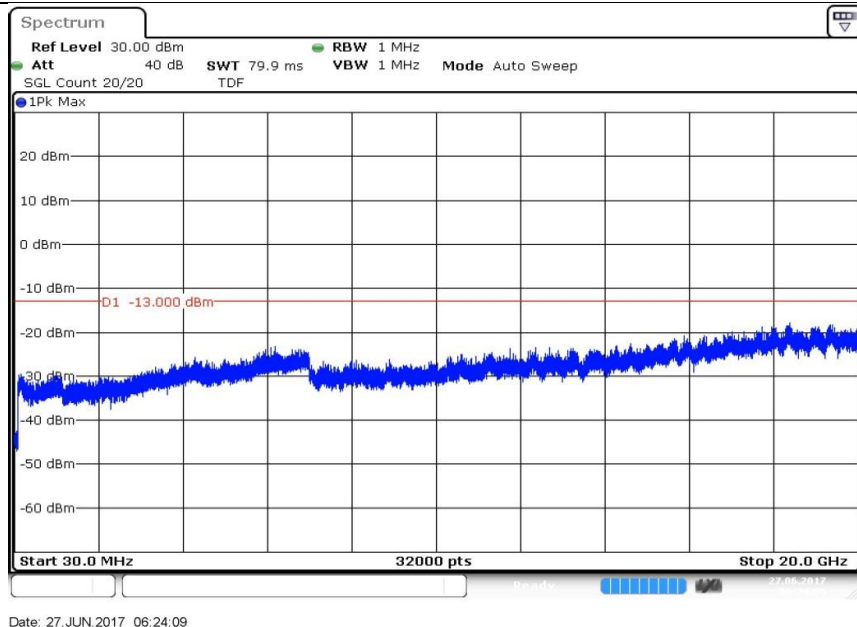


Fig.5

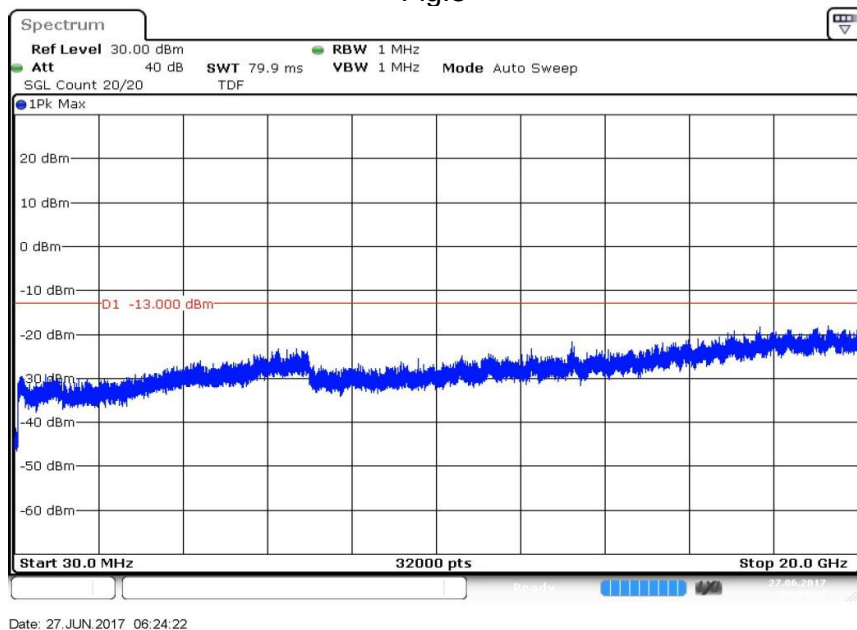
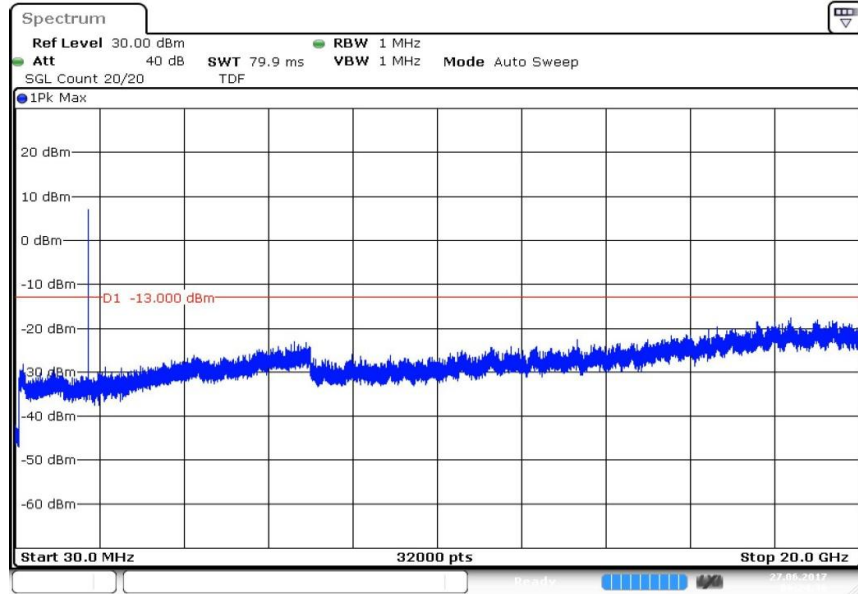
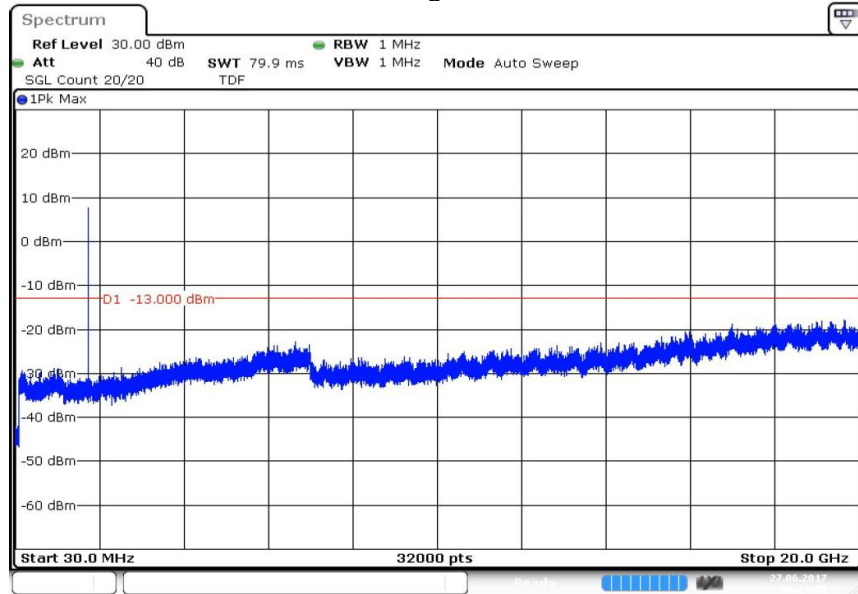


Fig.6



Date: 27 JUN 2017 06:24:36

Fig.7



Date: 27 JUN 2017 06:24:50

Fig.8

6 Band Edges Compliance-FCC Part 2.1051 27.53(h)/22.53(m)

Test result

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

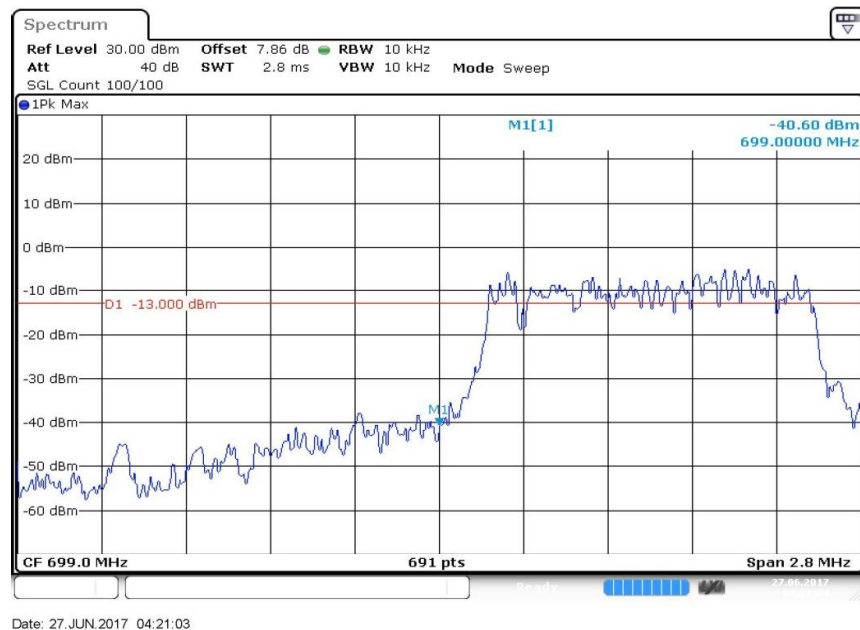
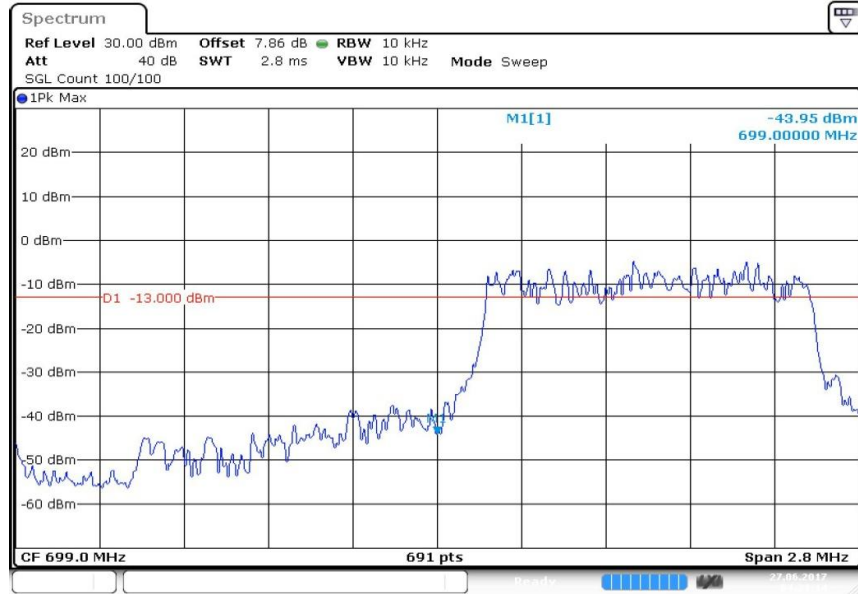


Fig.1



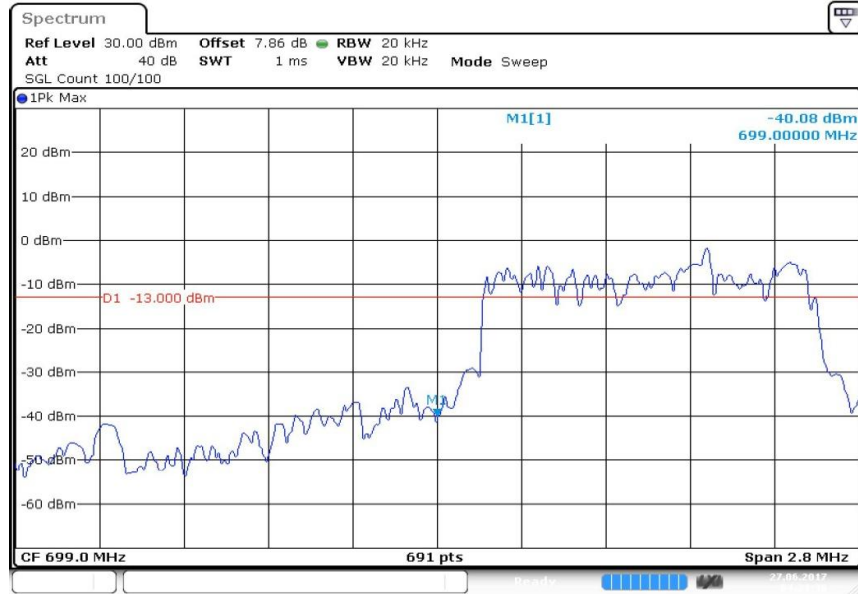
Date: 27 JUN 2017 04:21:14

Fig.2



Date: 27 JUN 2017 04:21:25

Fig.3



Date: 27 JUN 2017 04:21:38

Fig.4



Date: 27 JUN 2017 04:21:49

Fig.5

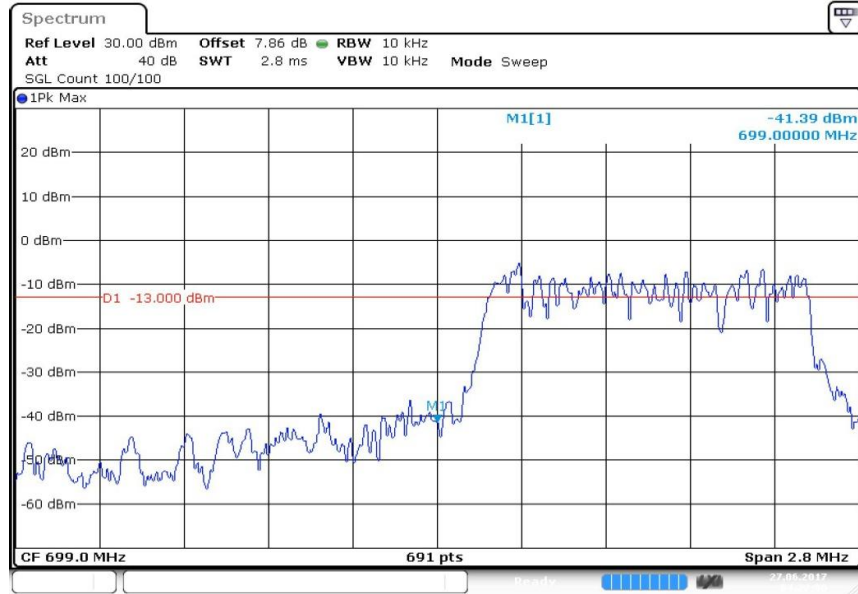


Fig.6

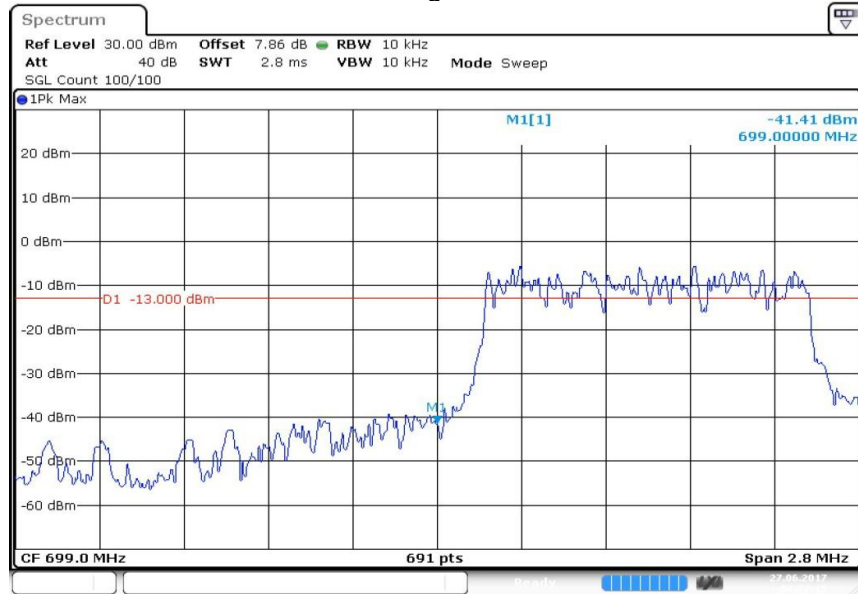
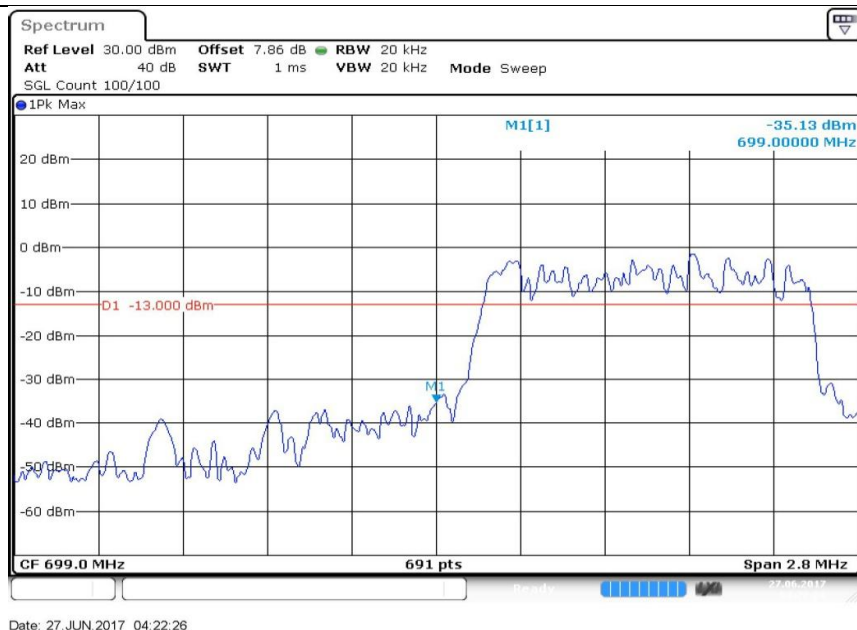


Fig.7



Date: 27 JUN 2017 04:22:26

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

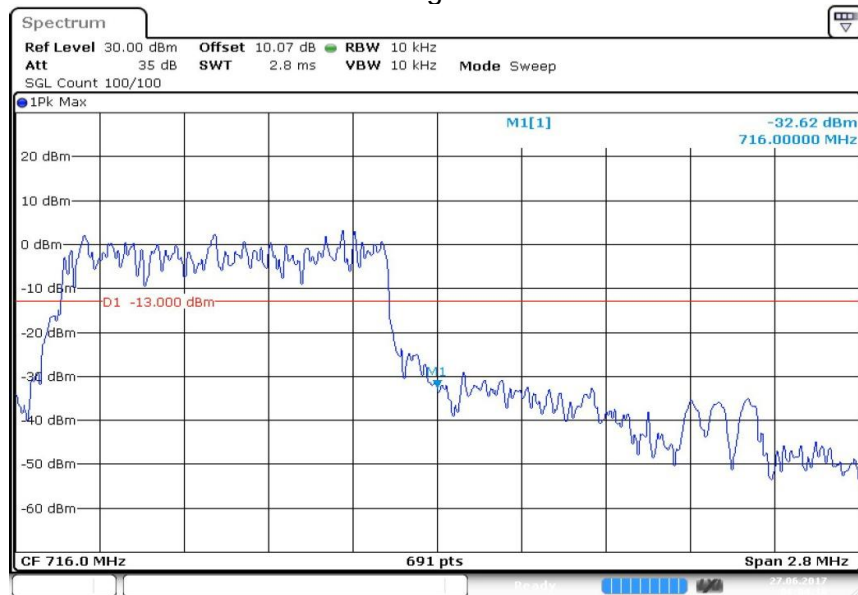


Fig.2

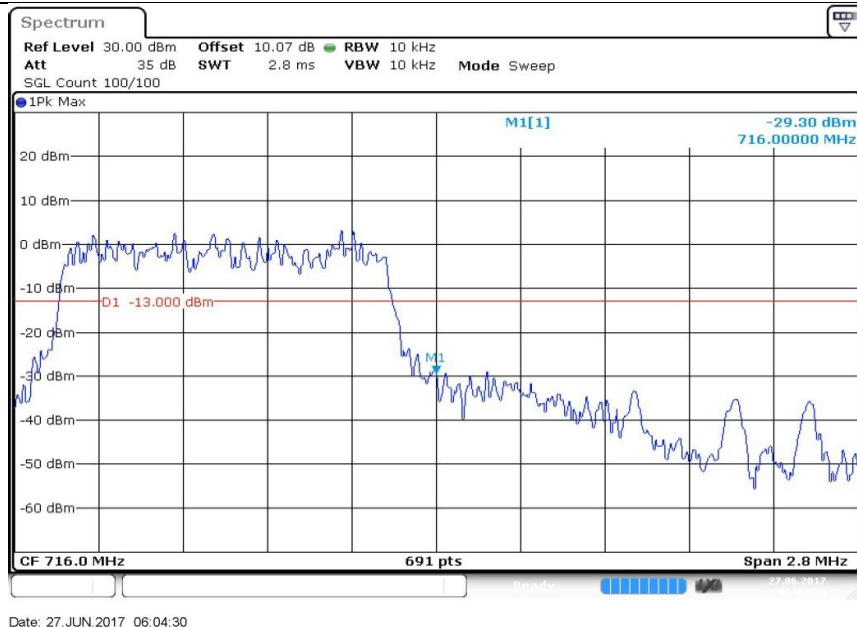


Fig.3

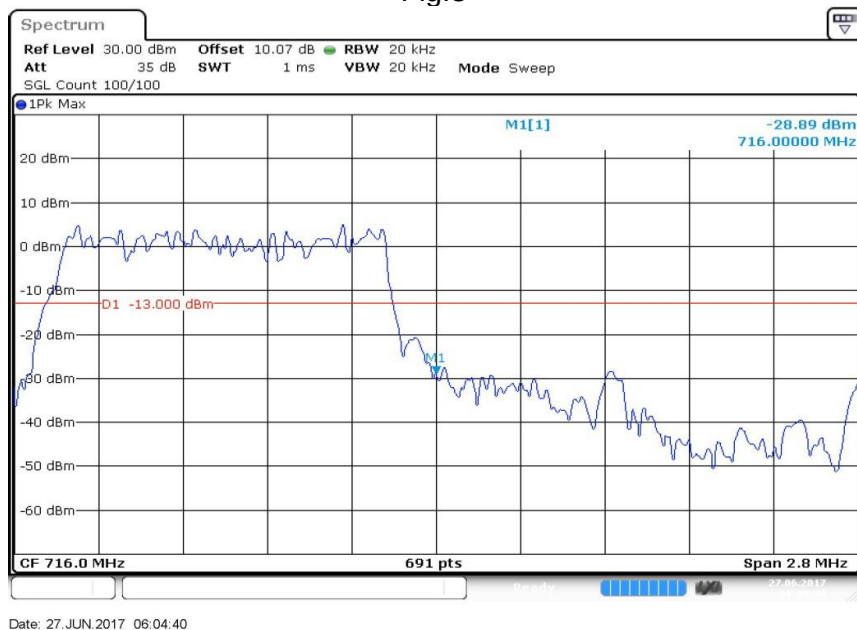
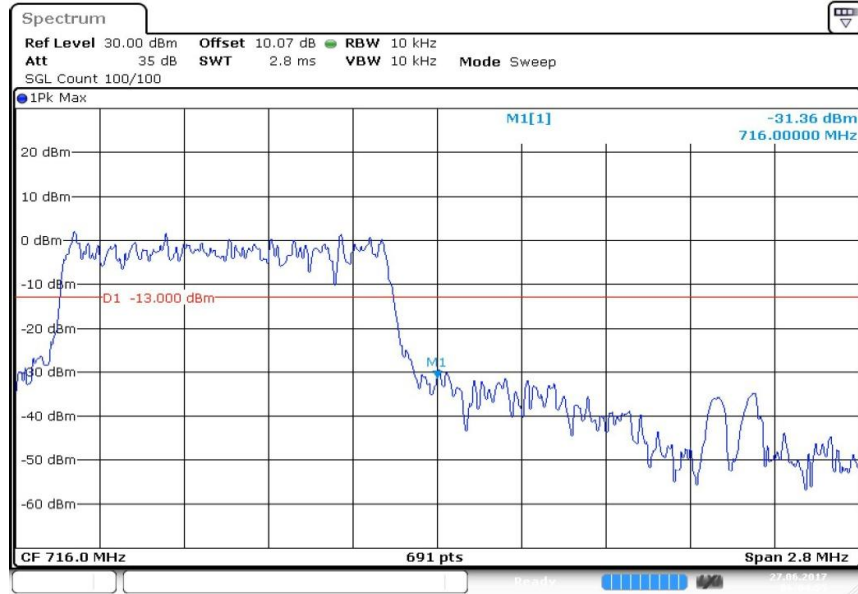
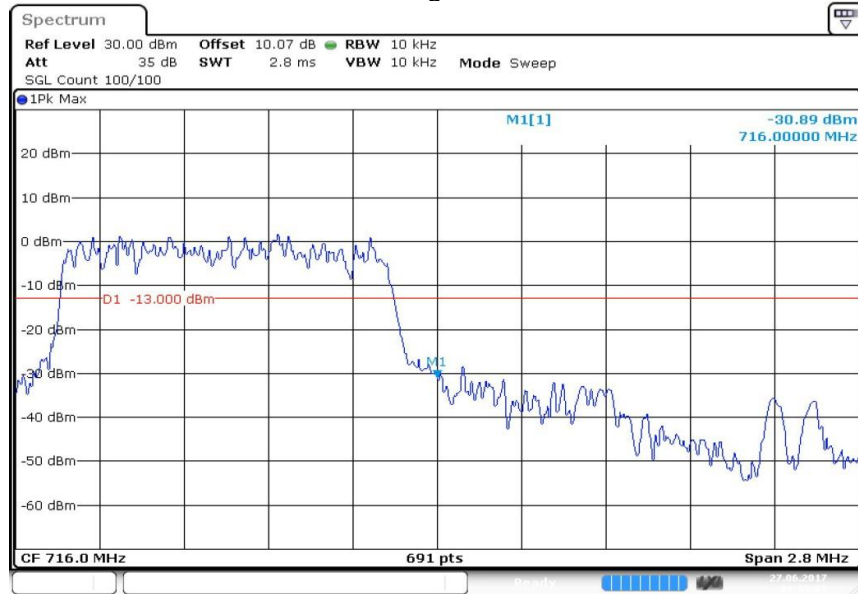


Fig.4



Date: 27 JUN 2017 06:04:55

Fig.5



Date: 27 JUN 2017 06:05:05

Fig.6



Fig.7



Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
13	777.7	23187	1.4	6	0	Fig.1	Fig.2

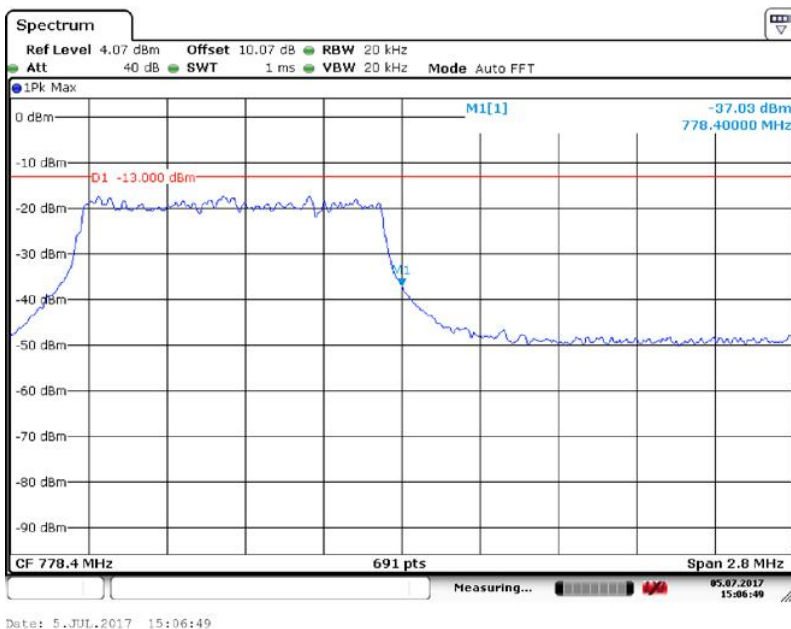


Fig.1

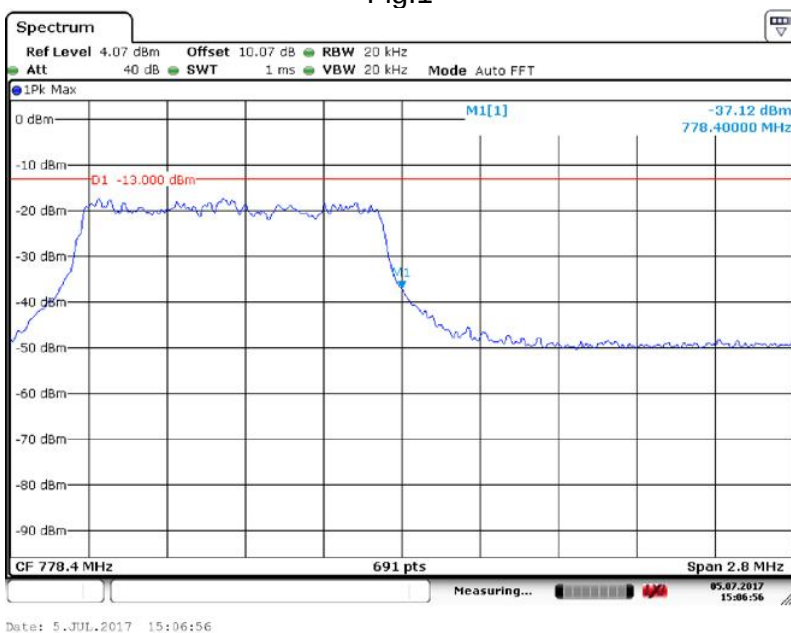


Fig.2

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
13	782.7	23237	1.4	6	0	Fig.1	Fig.2

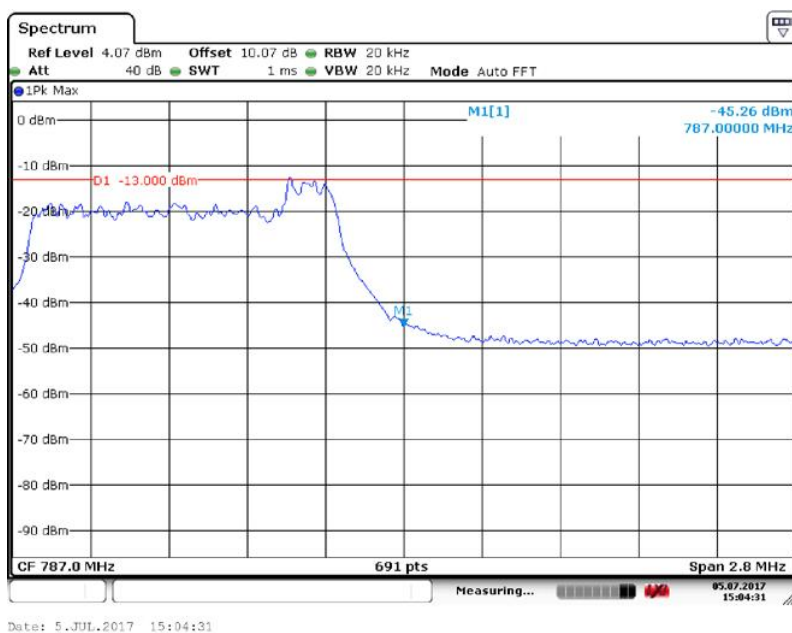


Fig.1

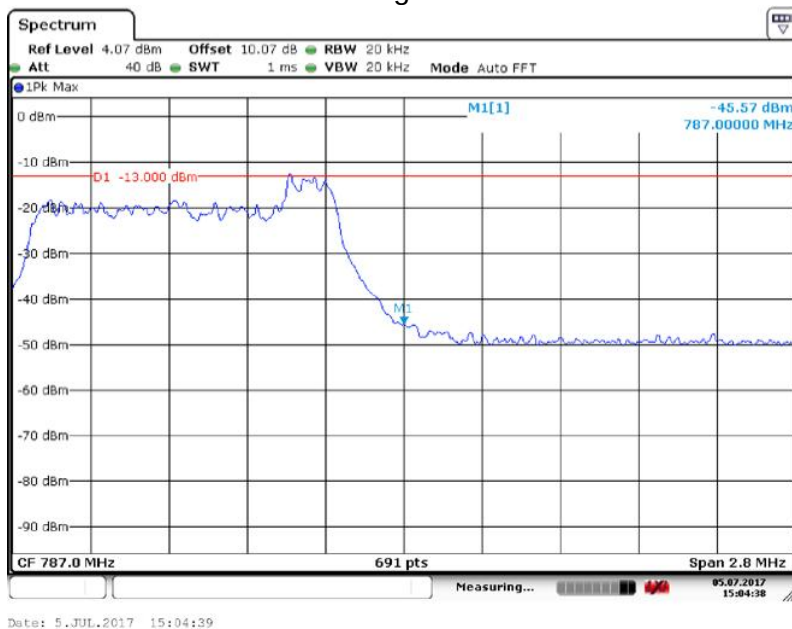


Fig.2

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
2	1850.7	18607	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

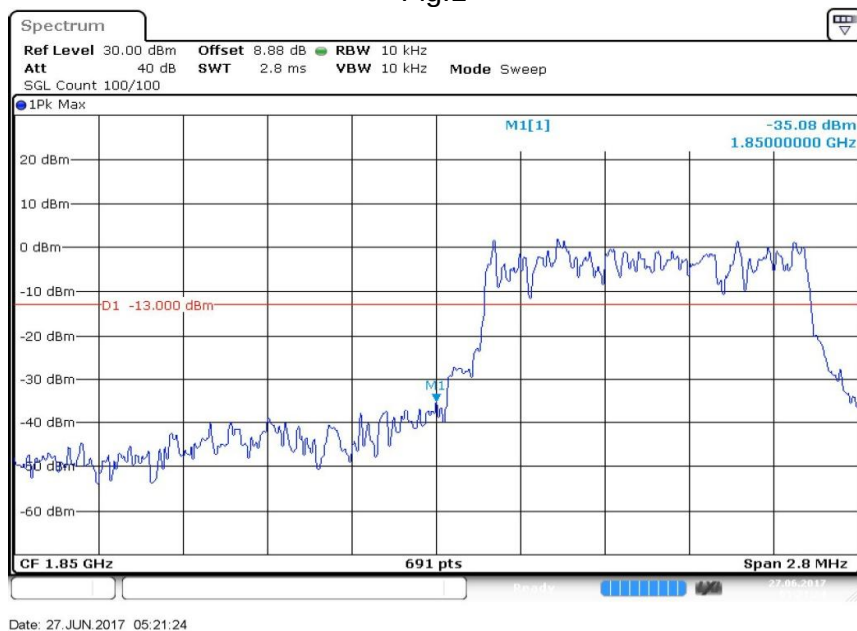


Fig.2



Fig.3



Fig.4



Fig.5

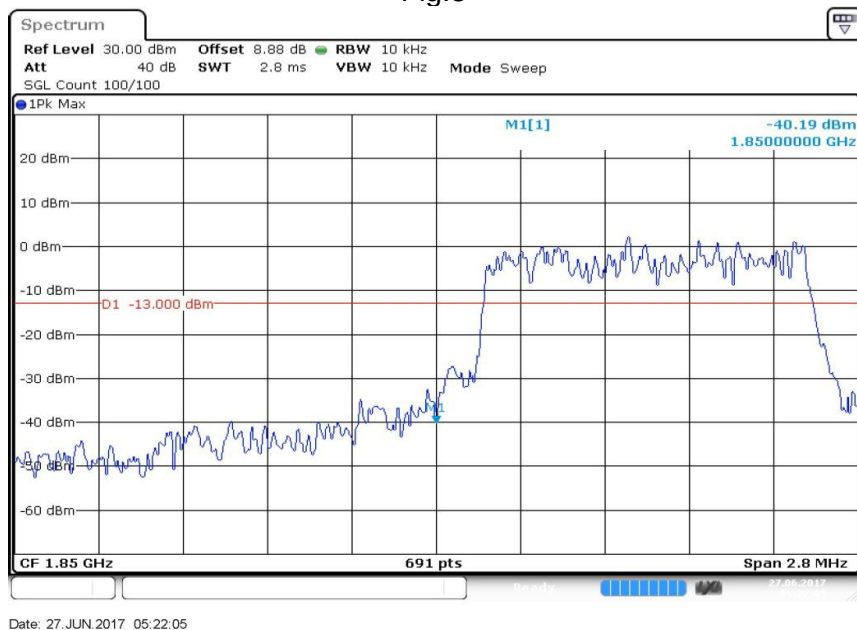


Fig.6



Fig.7

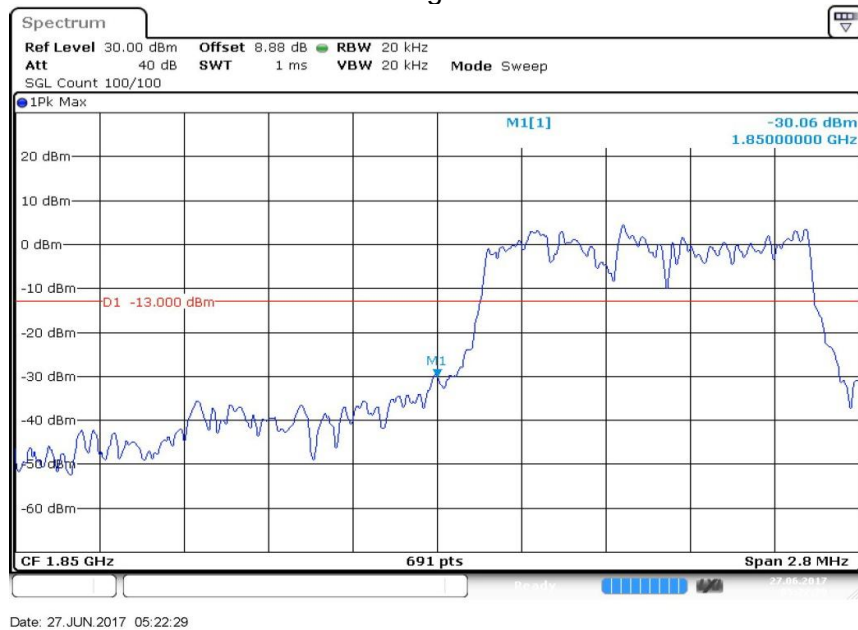


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
2	1909.3	19193	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

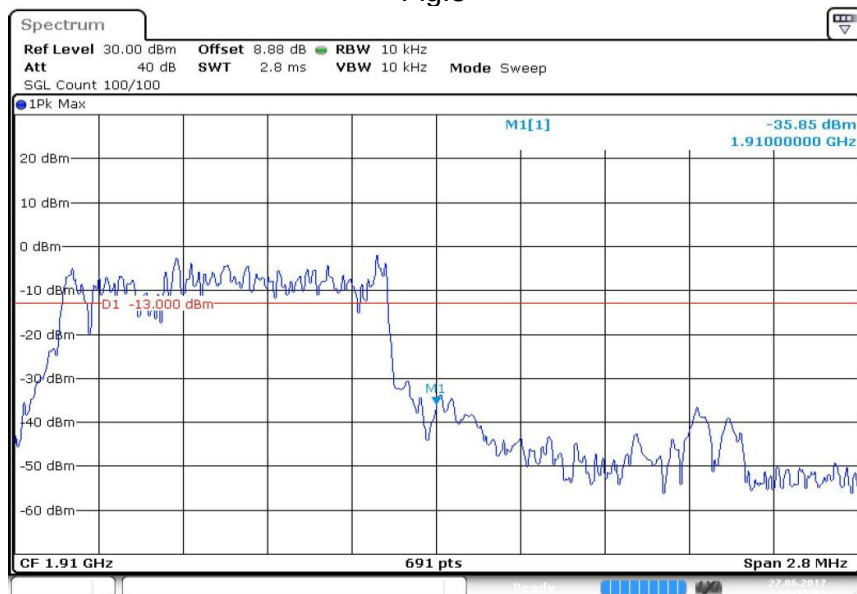


Fig.4



Date: 27 JUN 2017 06:15:23

Fig.5



Date: 27 JUN 2017 06:15:33

Fig.6

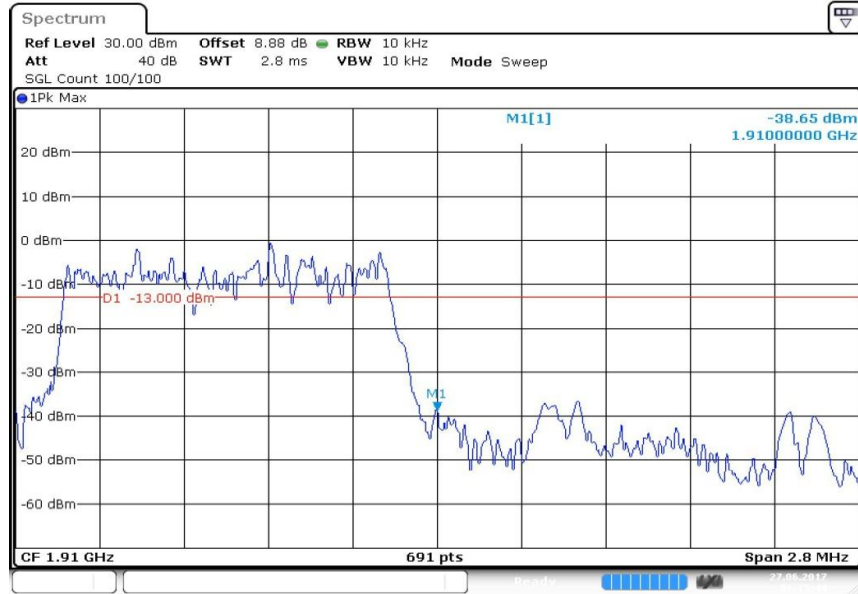


Fig.7

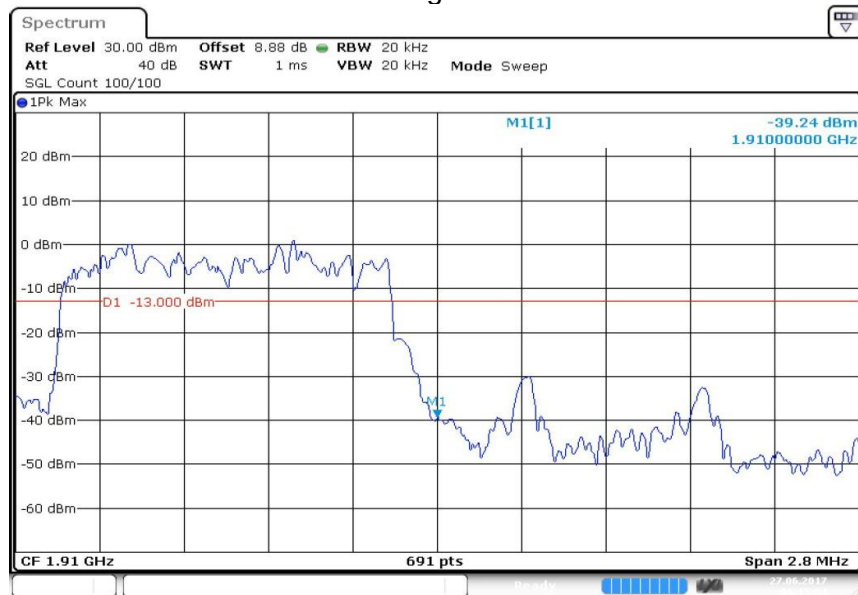


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
4	1710.7	19957	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

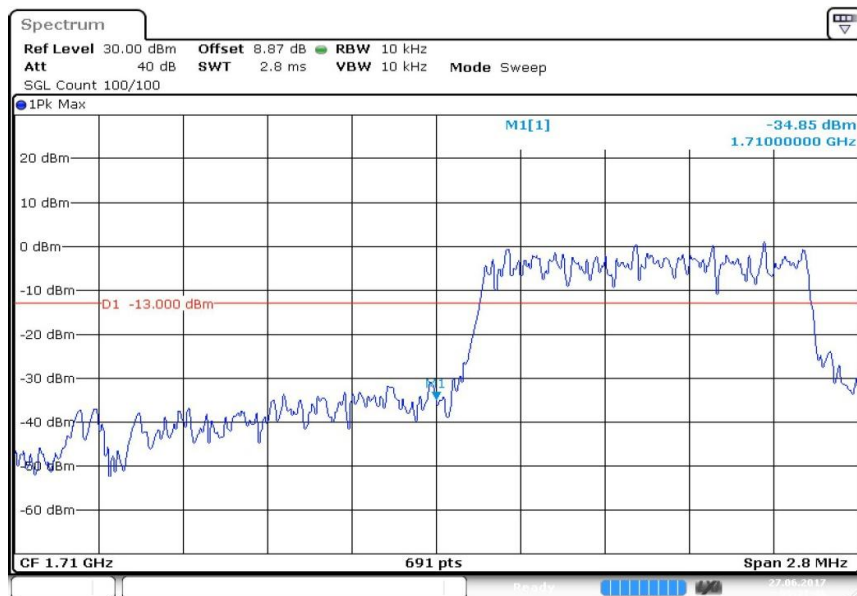


Fig.1

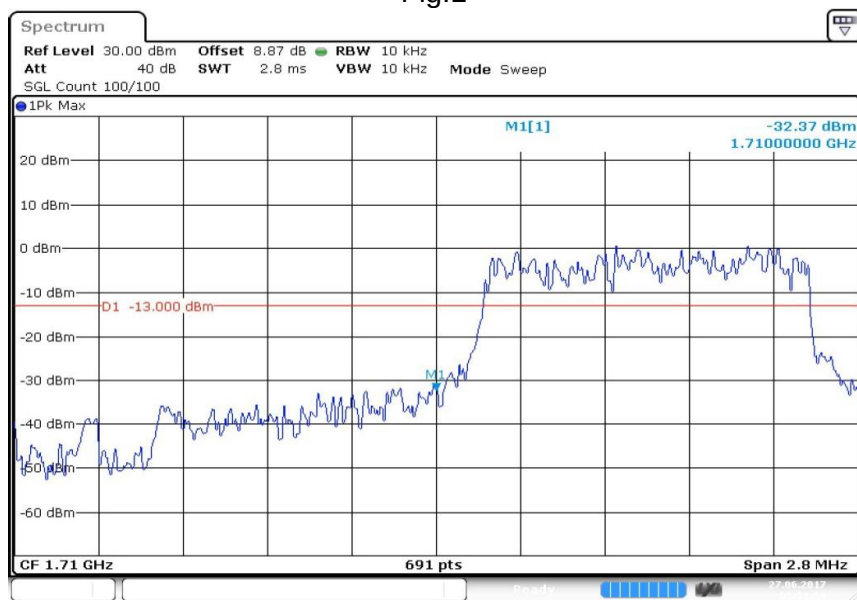
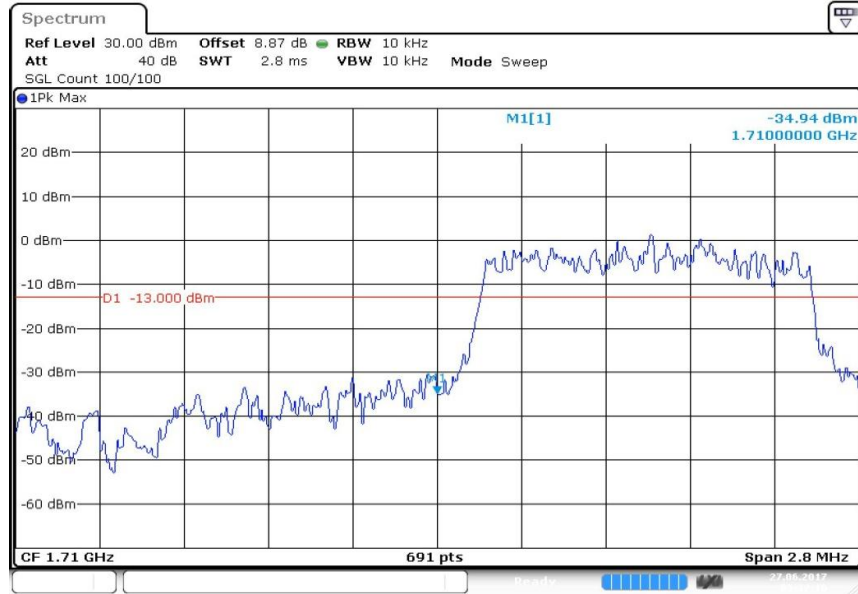


Fig.2



Date: 27 JUN 2017 05:32:10

Fig.3



Date: 27 JUN 2017 05:32:21

Fig.4

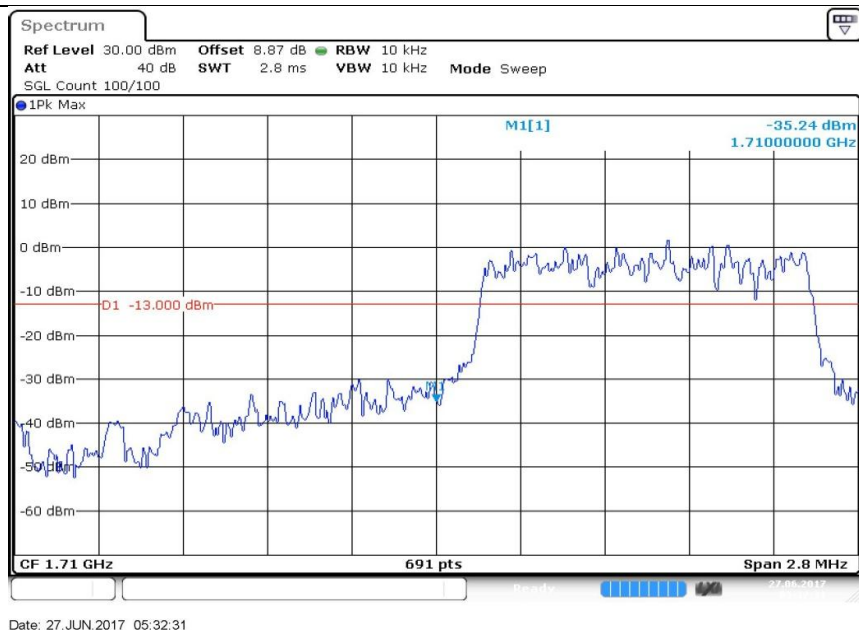


Fig.5

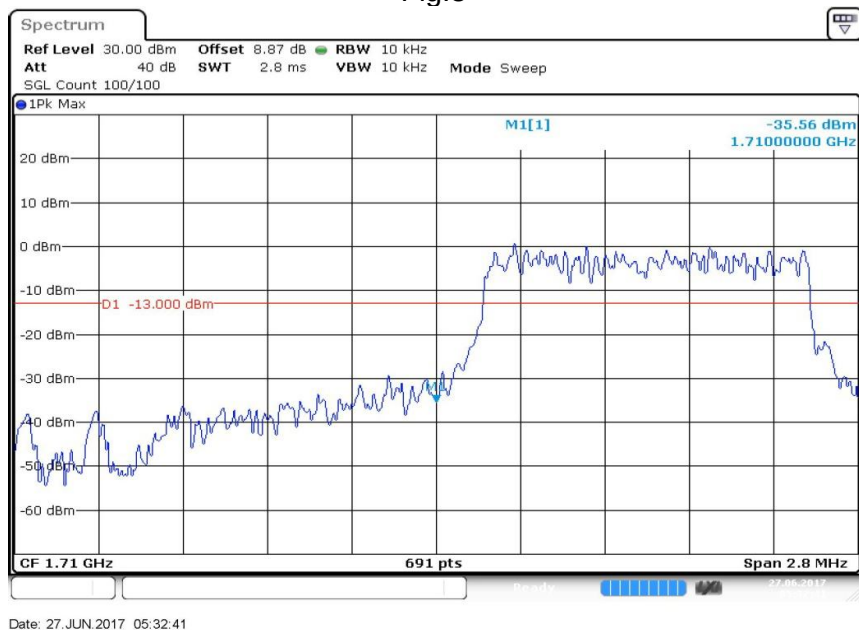
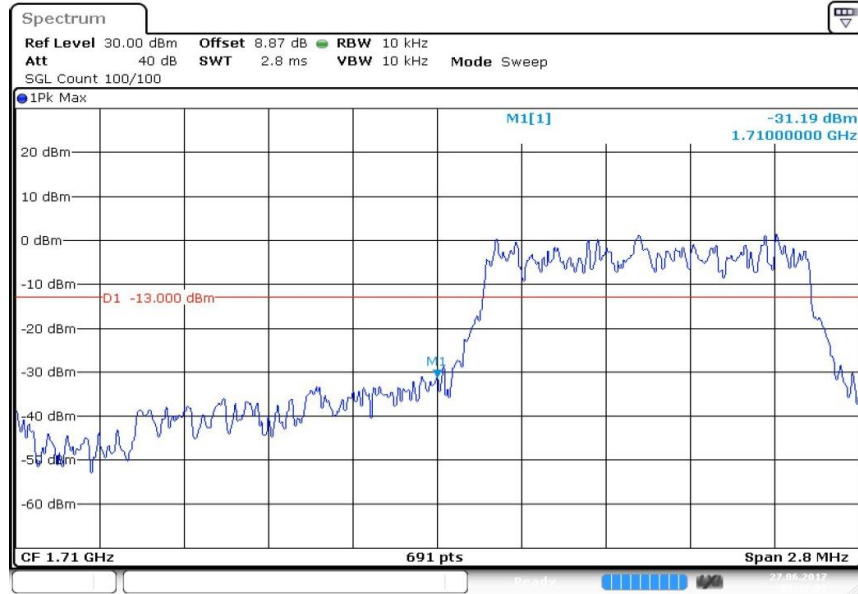
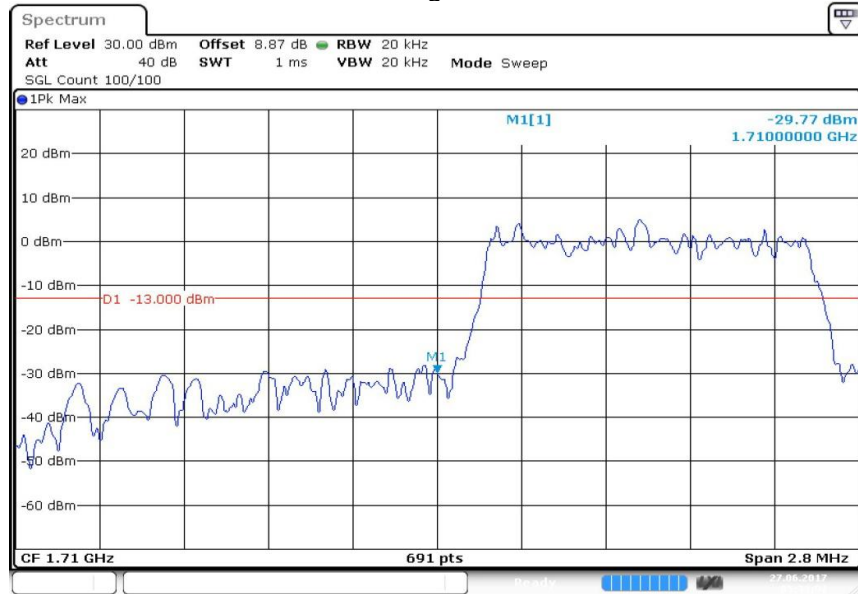


Fig.6



Date: 27 JUN 2017 05:32:52

Fig.7



Date: 27 JUN 2017 05:33:02

Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
4	1754.3	20393	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

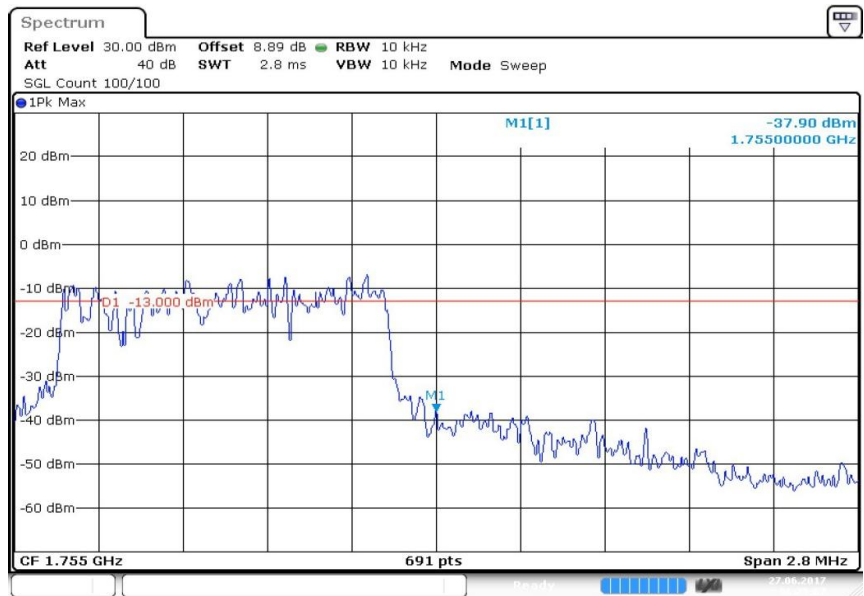


Fig.1

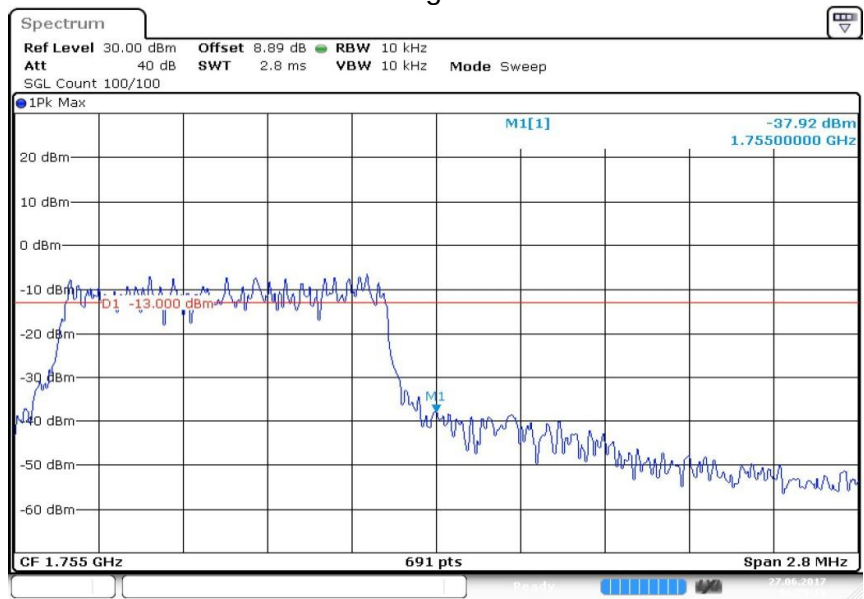
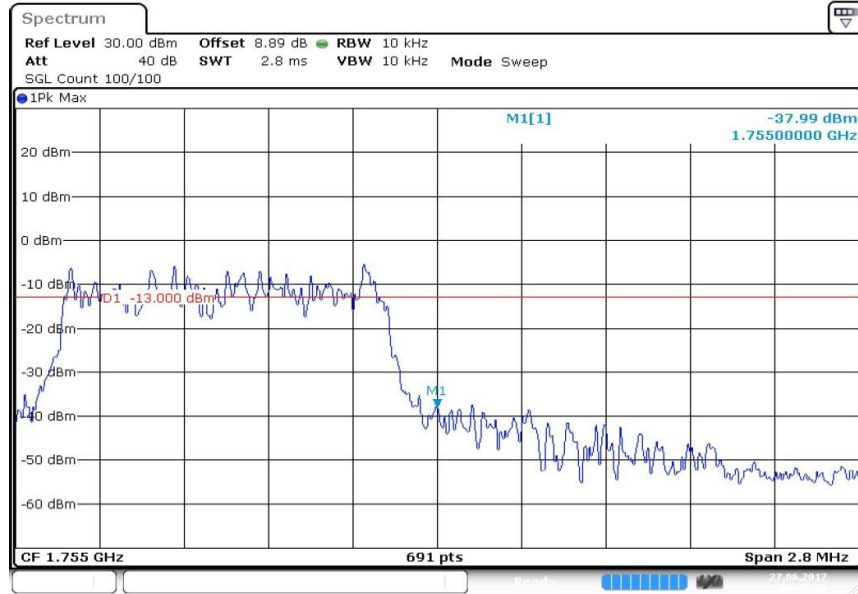


Fig.2



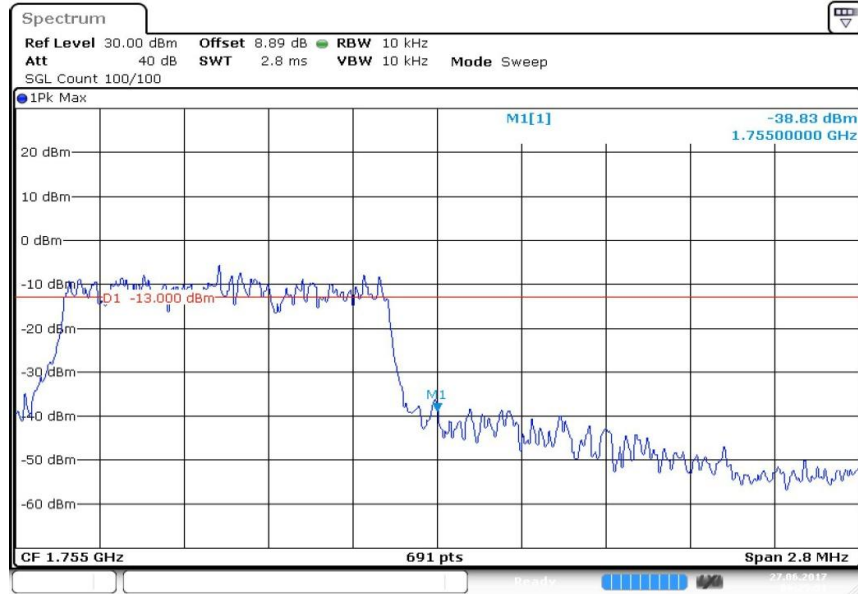
Date: 27 JUN 2017 06:25:29

Fig.3



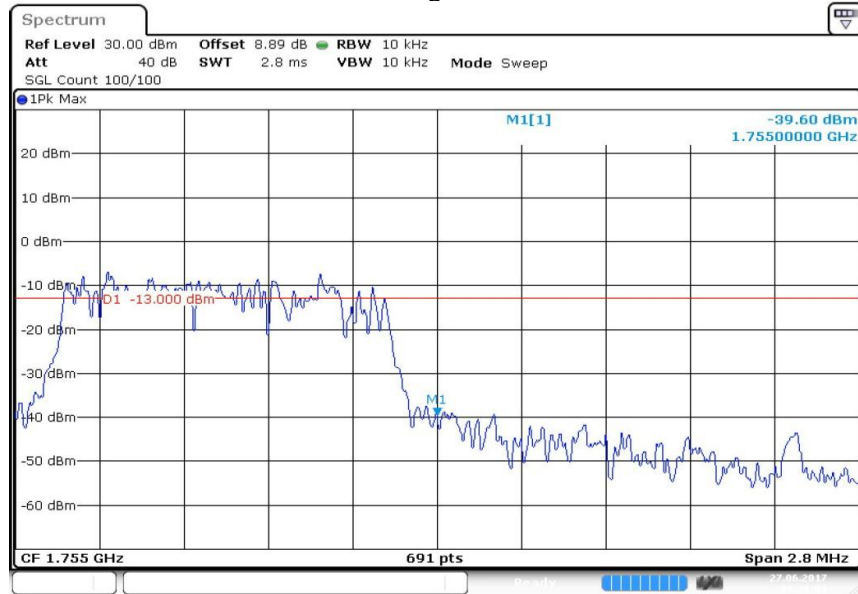
Date: 27 JUN 2017 06:25:41

Fig.4



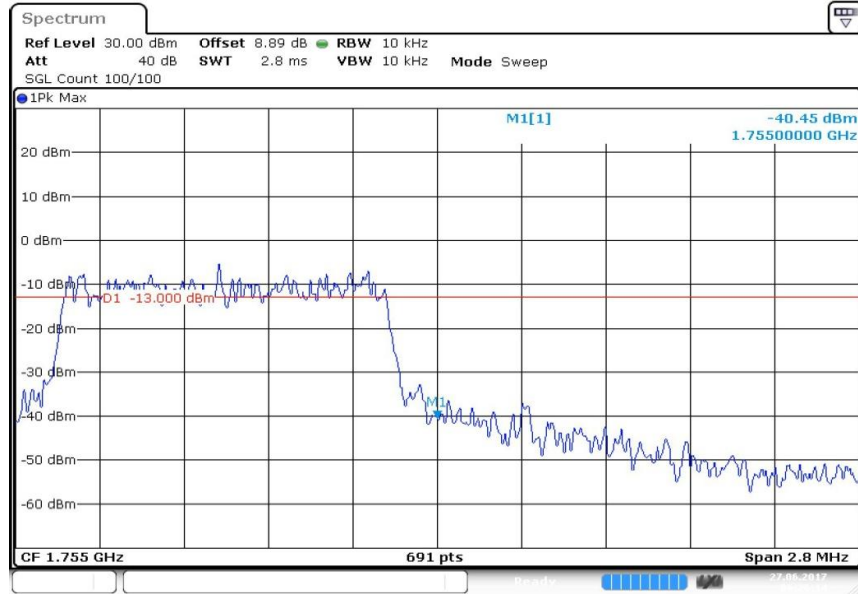
Date: 27 JUN 2017 06:25:51

Fig.5



Date: 27 JUN 2017 06:26:03

Fig.6



Date: 27 JUN 2017 06:26:15

Fig.7



Date: 27 JUN 2017 06:26:26

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	
12	1.4	-30	-0.003	LV	0.000
		-20	0.001		
		-10	-0.003		
		0	0.002		
		10	0.002		
		20	-0.001	HV	0.000
		30	0.001		
		40	-0.001		
		50	-0.003		
Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
13	1.4	-30	0.001	LV	0.006
		-20	0.000		
		-10	0.009		
		0	0.009		
		10	0.010		
		20	0.010	HV	0.001
		30	0.007		
		40	0.005		
		50	0.005		
Band	BW	Test Result (ppm)@NV		Test Result (ppm)@NT	
		Temperature(°C)		Voltage	
2	1.4	-30	0.000	LV	-0.002
		-20	-0.001		
		-10	-0.002		
		0	-0.001		
		10	-0.002		
		20	-0.003	HV	-0.003
		30	-0.003		
		40	-0.001		
		50	-0.002		

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

---End of Test Report---

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	17.71	-4.8	8.6	13.91	Vertical
1880.0	17.66	-4.8	8.6	13.86	Vertical
1909.3	17.06	-4.8	8.6	13.26	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	17.37	-5	8.6	13.77	Vertical
1732.5	16.78	-5	8.6	13.18	Vertical
1754.3	17.38	-5	8.6	13.78	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	16.93	-3.8	8.6	2.15	13.28	Vertical
707.5	17.43	-3.8	8.6	2.15	13.78	Vertical
715.3	16.75	-3.8	8.6	2.15	13.10	Vertical

LTE band 13

BW 1.4MHz Test result:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
777.7	15.82	-3.8	8.6	2.15	13.17	Vertical
782.0	16.31	-3.8	8.6	2.15	13.66	Vertical
786.3	15.85	-3.8	8.6	2.15	13.20	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
2453.92	-51.81	-13	Vertical
2781.66	-52.03	-13	Vertical
3726.01	-44.03	-13	Horizontal
6677.80	-43.30	-13	Horizontal
9964.20	-40.34	-13	Vertical
17819.33	-35.66	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.56	-53.76	-13	Vertical
2779.94	-51.58	-13	Vertical
3729.22	-44.04	-13	Vertical
6676.52	-43.04	-13	Horizontal
9961.38	-39.31	-13	Vertical
17822.31	-36.00	-13	Vertical

Channel 19193

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.09	-52.83	-13	Vertical
2781.24	-51.31	-13	Vertical
3723.67	-43.41	-13	Horizontal
6679.36	-43.97	-13	Vertical
9963.66	-40.44	-13	Vertical
17818.09	-36.19	-13	Vertical

LTE band 4
Test result:
Channel 19957

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2451.54	-52.23	-13	Vertical
2781.75	-51.42	-13	Vertical
3732.07	-43.09	-13	Horizontal
6675.69	-44.00	-13	Vertical
9963.50	-38.70	-13	Vertical
17824.87	-34.78	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.13	-52.77	-13	Vertical
2779.30	-52.17	-13	Vertical
3728.39	-43.07	-13	Vertical
6678.31	-43.53	-13	Vertical
9965.27	-40.49	-13	Vertical
17821.24	-36.09	-13	Vertical

Channel 20393

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.54	-53.93	-13	Vertical
2783.43	-51.86	-13	Vertical
3731.84	-42.43	-13	Vertical
6672.05	-43.77	-13	Vertical
9965.93	-40.15	-13	Vertical
17821.78	-35.03	-13	Vertical

LTE band 12

Test result:

Channel 23017

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.06	-52.81	-13	Vertical
2782.46	-51.82	-13	Vertical
3730.06	-43.58	-13	Vertical
6676.65	-42.98	-13	Vertical
9962.85	-39.22	-13	Vertical
17819.04	-35.50	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.18	-53.41	-13	Vertical
2779.32	-51.72	-13	Vertical
3728.00	-43.21	-13	Vertical
6677.25	-43.49	-13	Vertical
9965.24	-39.52	-13	Vertical
17823.39	-36.03	-13	Vertical

Channel 23173

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.10	-53.04	-13	Vertical
2778.29	-52.06	-13	Vertical
3729.72	-44.16	-13	Horizontal
6678.14	-43.94	-13	Vertical
9963.08	-40.01	-13	Vertical
17821.71	-35.63	-13	Vertical

LTE band 13

Test result:

Channel 23187

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.74	-52.26	-13	Vertical
2779.34	-51.53	-13	Vertical
3727.56	-43.93	-13	Vertical
6681.62	-43.52	-13	Vertical
9963.28	-40.38	-13	Vertical
17824.88	-35.96	-13	Vertical

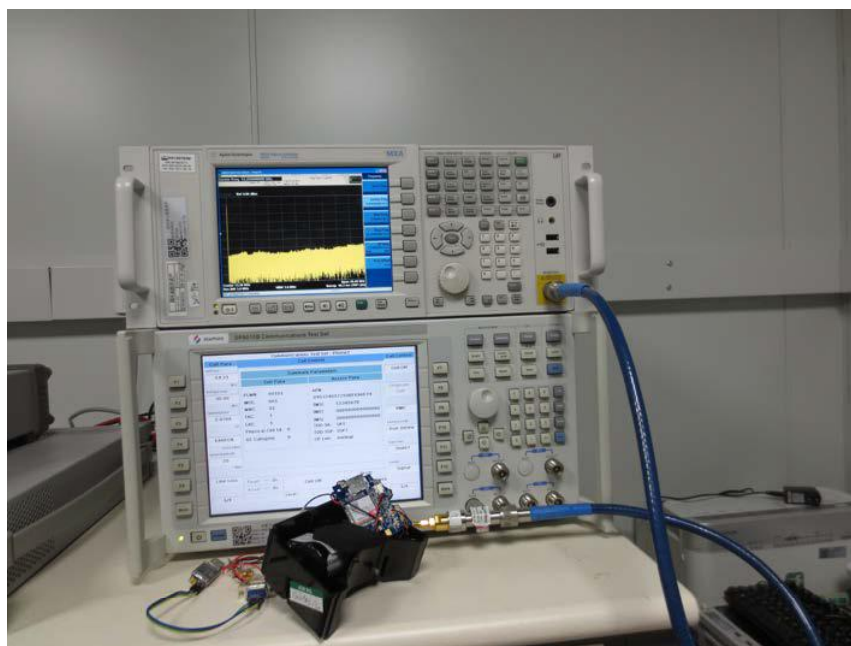
Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.76	-52.99	-13	Vertical
2778.08	-51.60	-13	Vertical
3727.02	-43.78	-13	Vertical
6679.03	-43.34	-13	Vertical
9961.62	-40.22	-13	Vertical
17823.65	-35.24	-13	Vertical

Channel 23273

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.12	-52.59	-13	Vertical
2777.71	-51.06	-13	Vertical
3728.44	-43.56	-13	Horizontal
6680.05	-43.61	-13	Vertical
9961.87	-39.56	-13	Vertical
17825.16	-34.89	-13	Vertical

APPENDIX C –TEST SETUP



Spurious RF Conducted Emissions Test setup



Radiated Spurious Emissions Test setup