

Fig.2

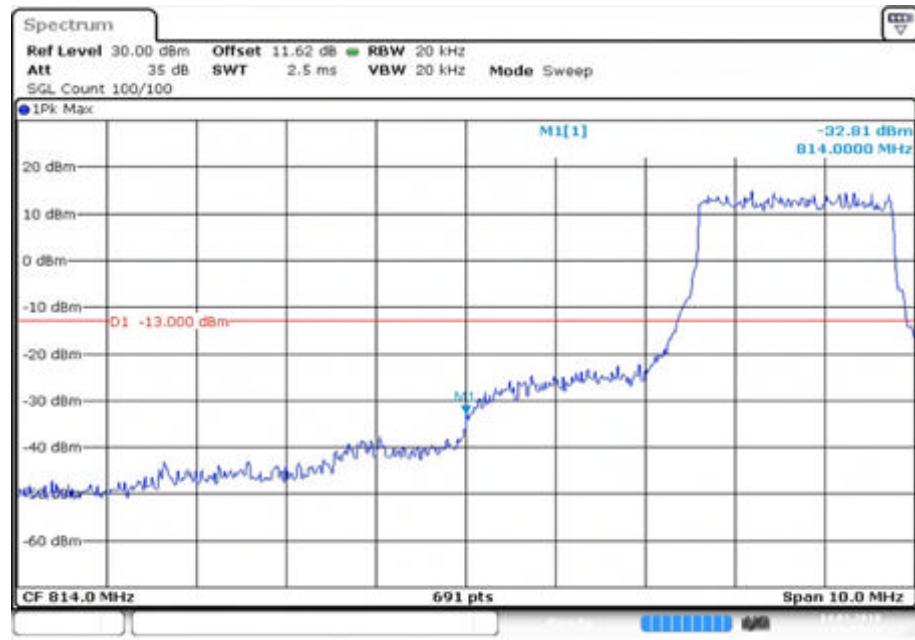


Fig.3

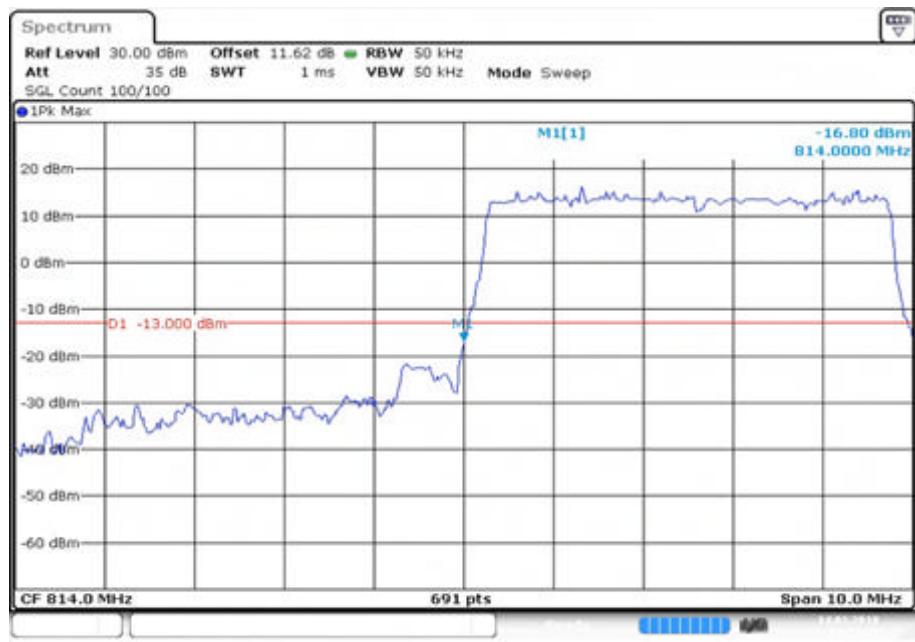


Fig.4

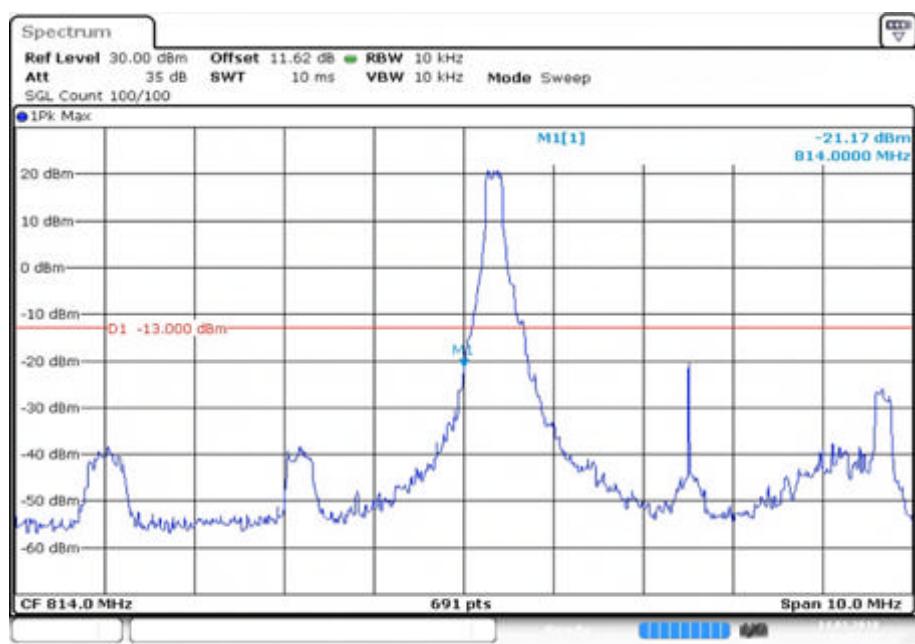


Fig.5

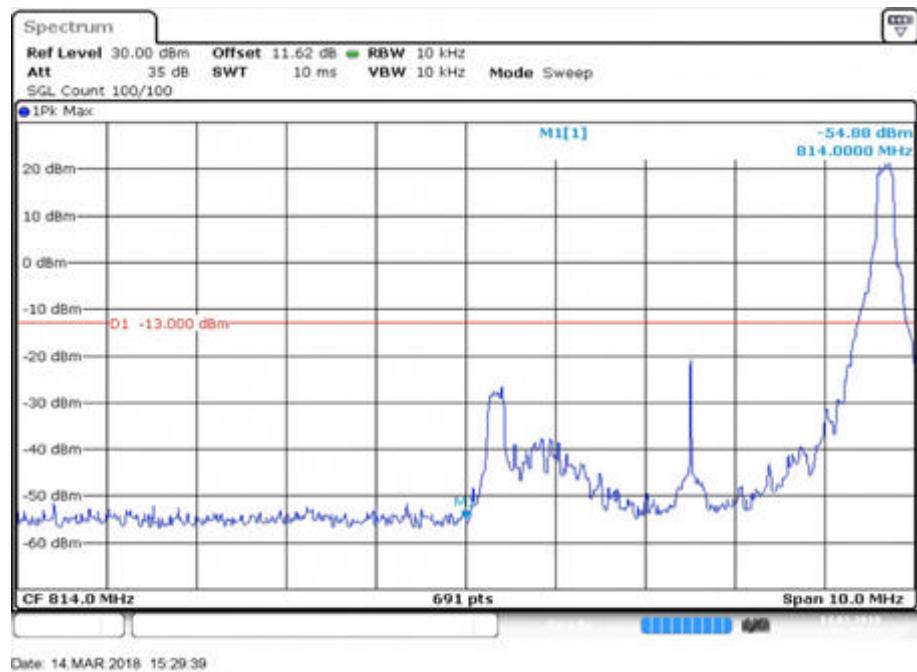


Fig.6

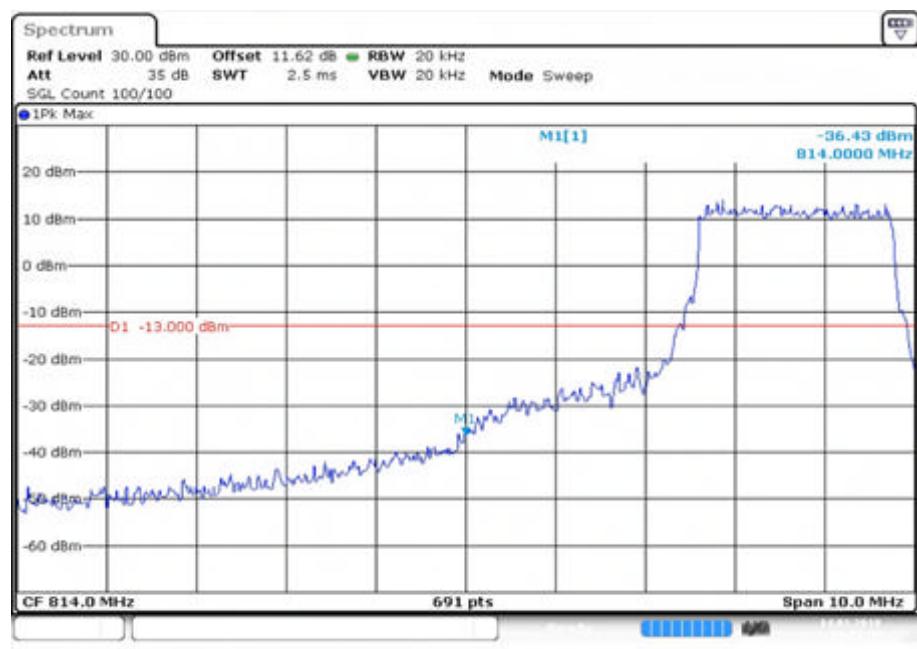


Fig.7

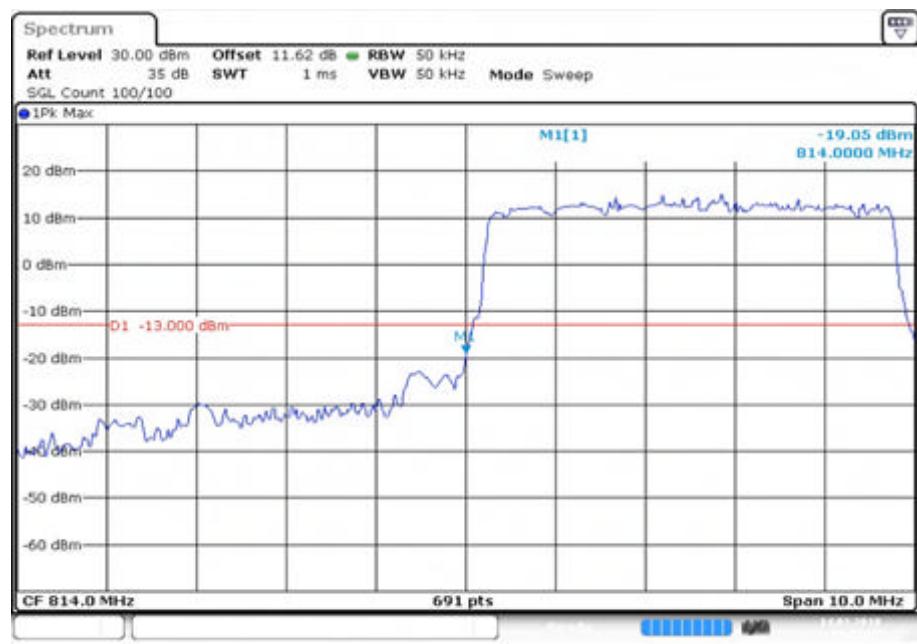


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
26	846.5	27015	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

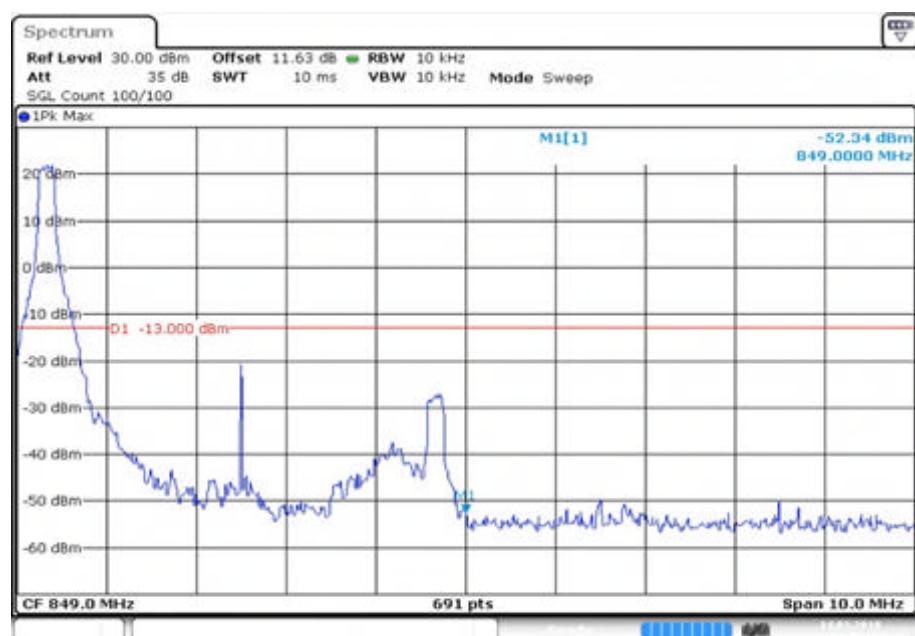


Fig.1

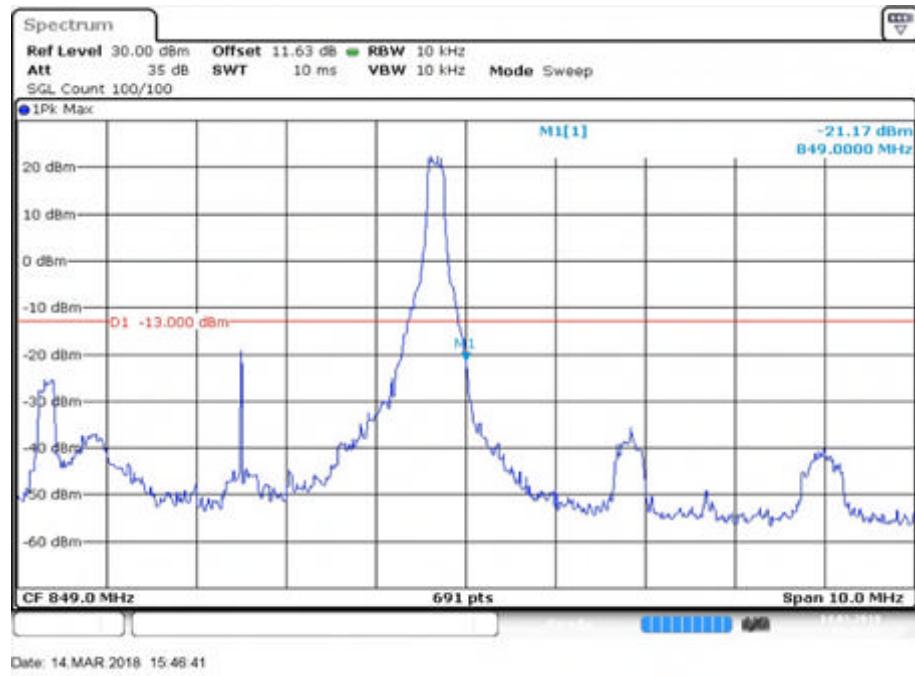


Fig.2

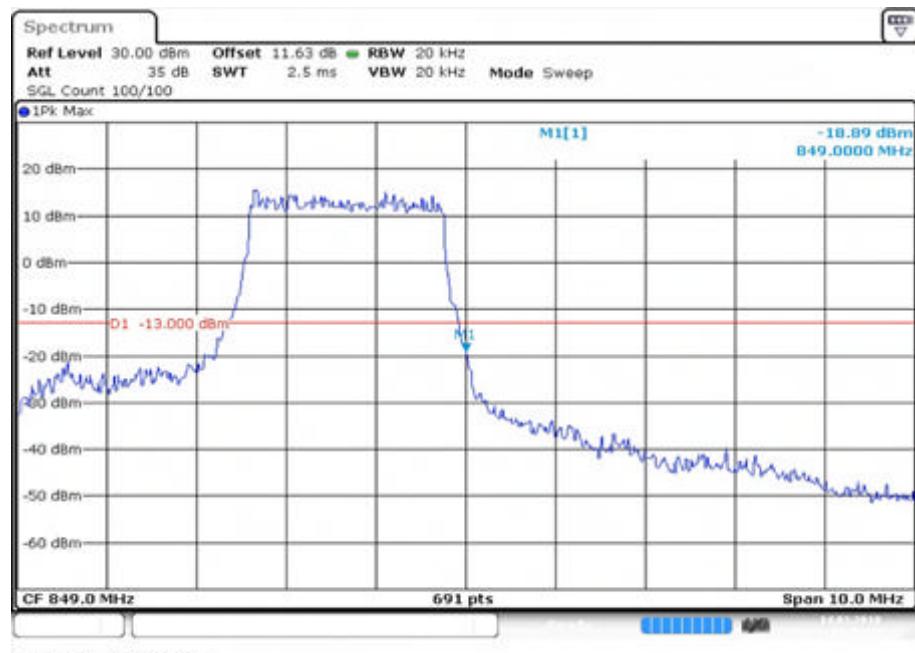


Fig.3

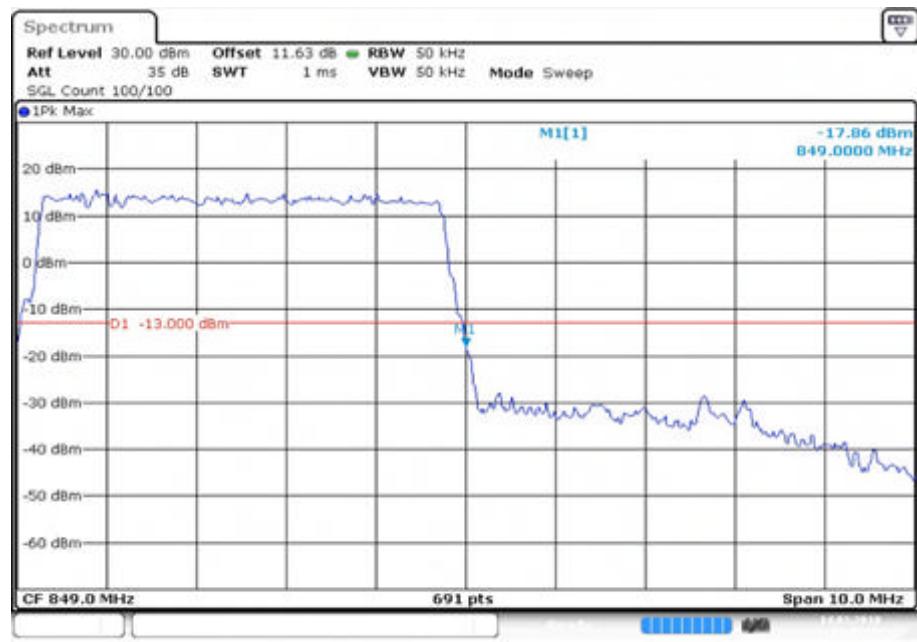


Fig.4

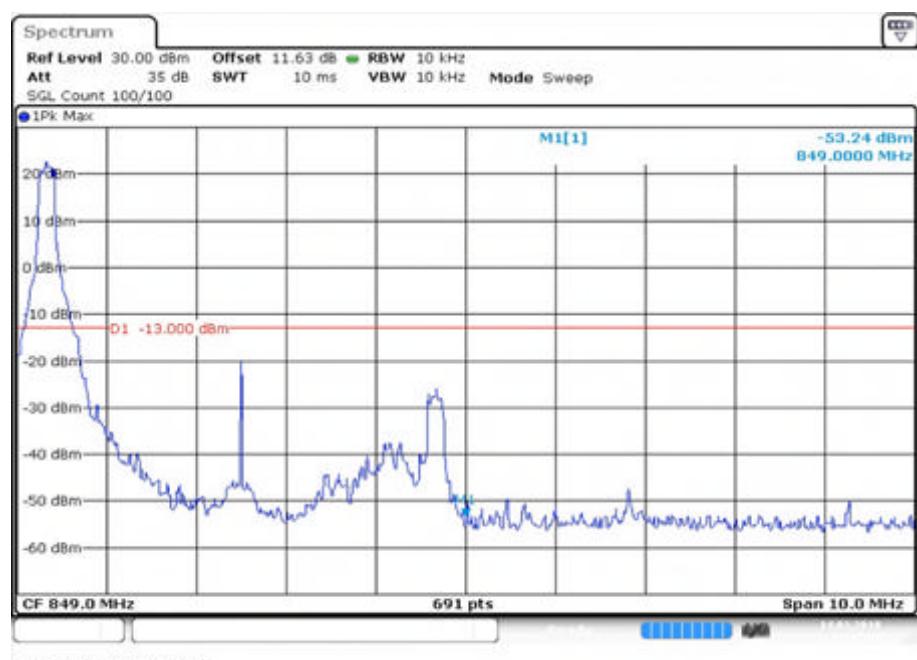


Fig.5

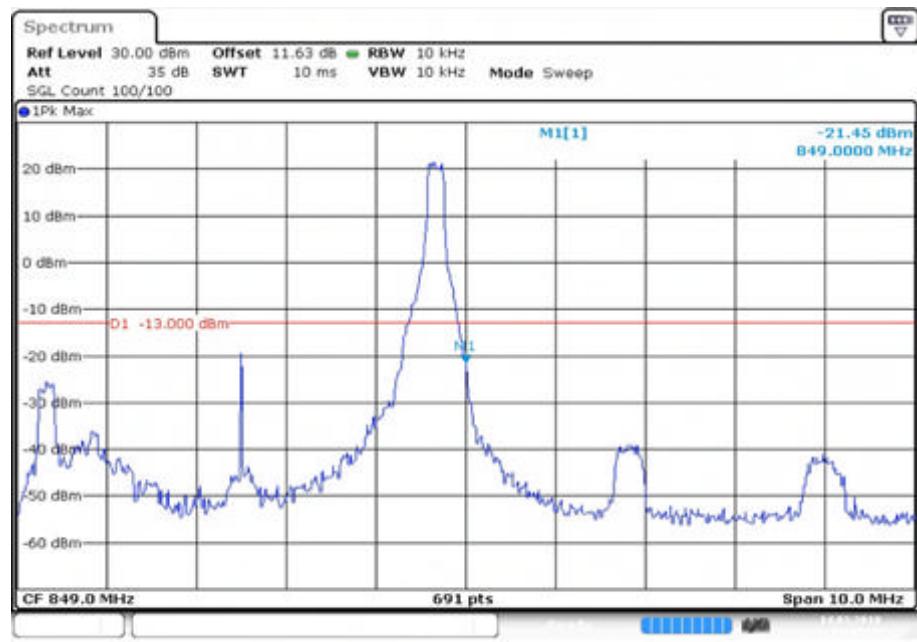


Fig.6

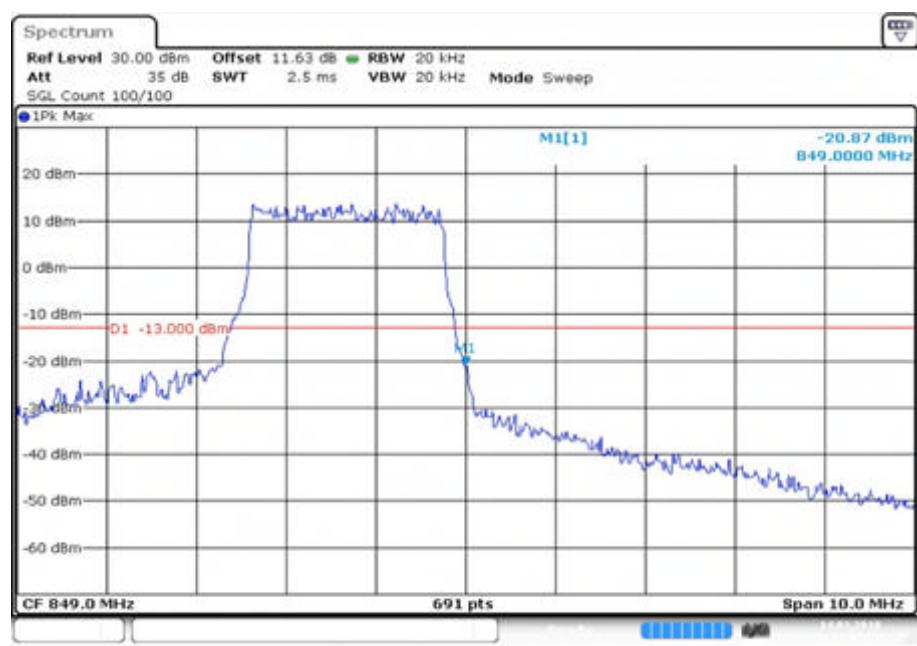


Fig.7

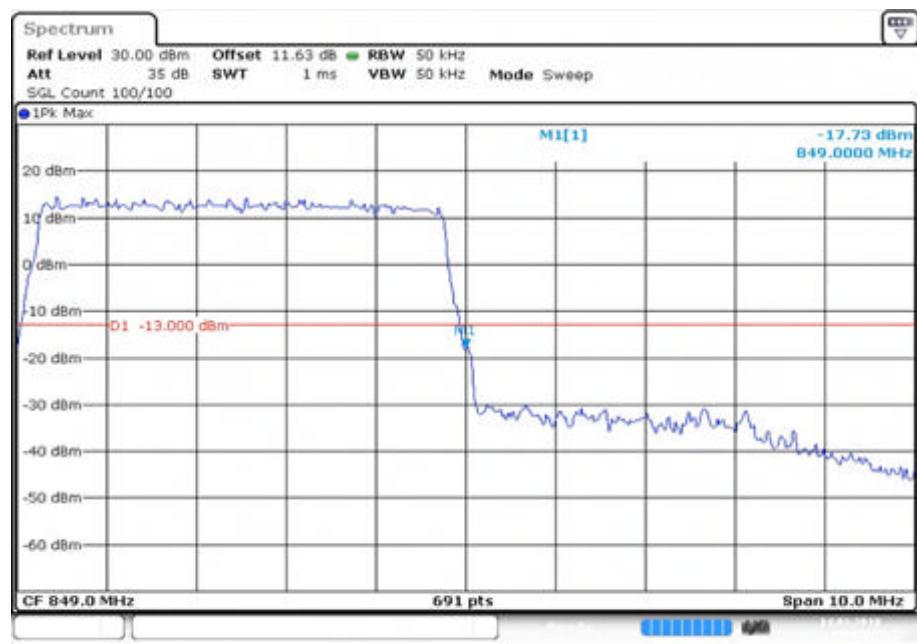


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
26	819	26740	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

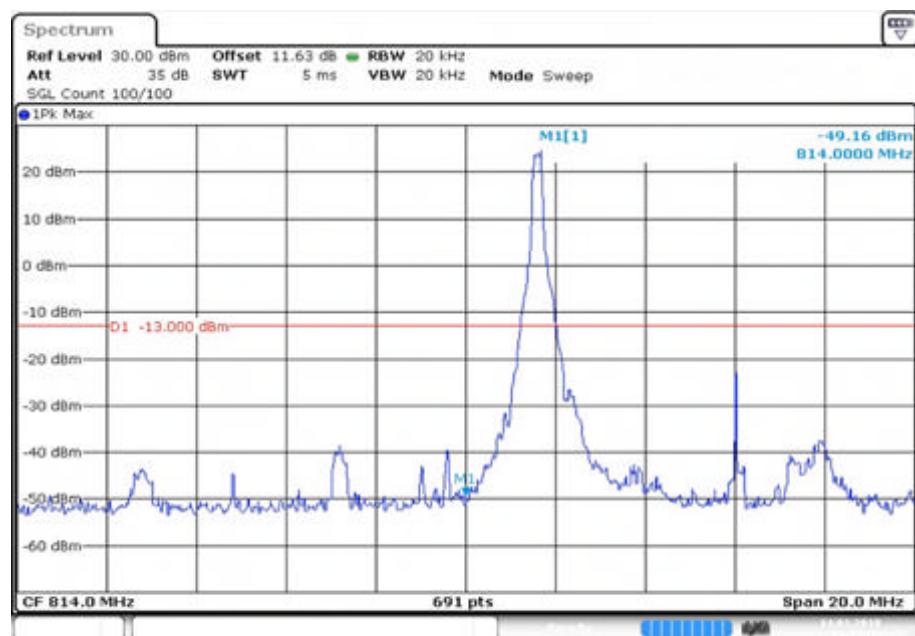


Fig.1

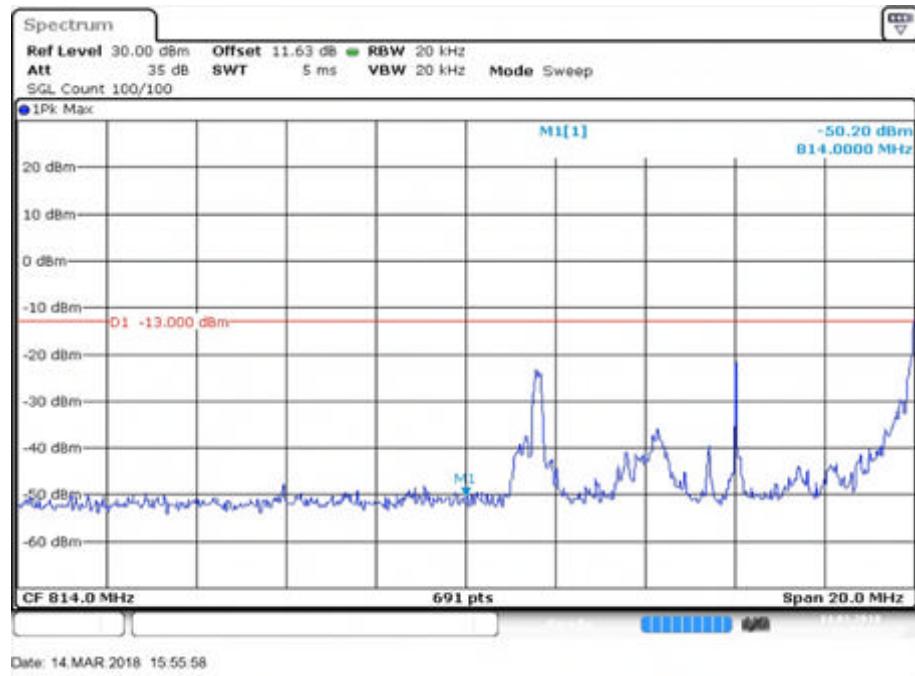


Fig.2

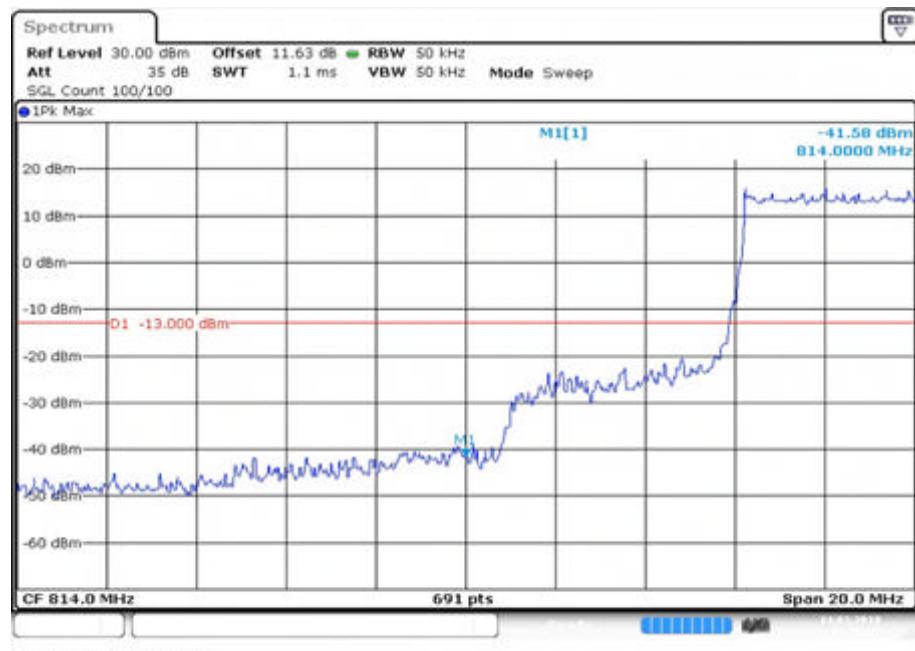


Fig.3

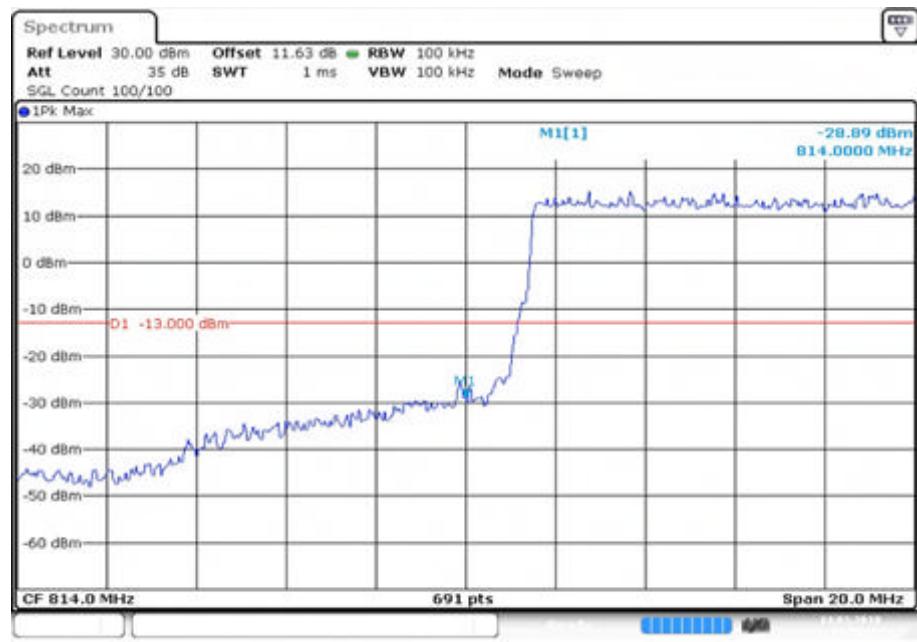


Fig.4

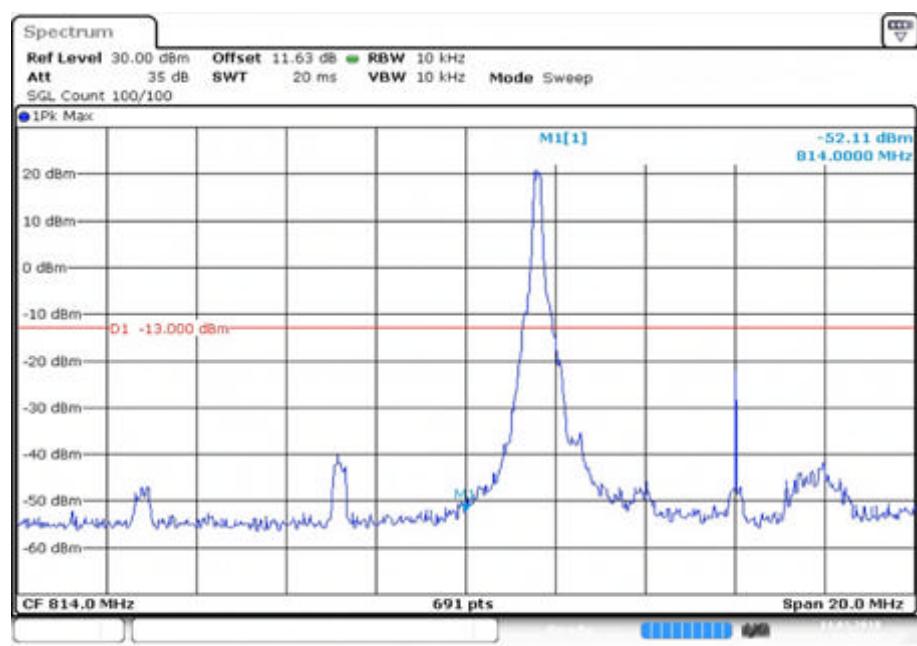


Fig.5

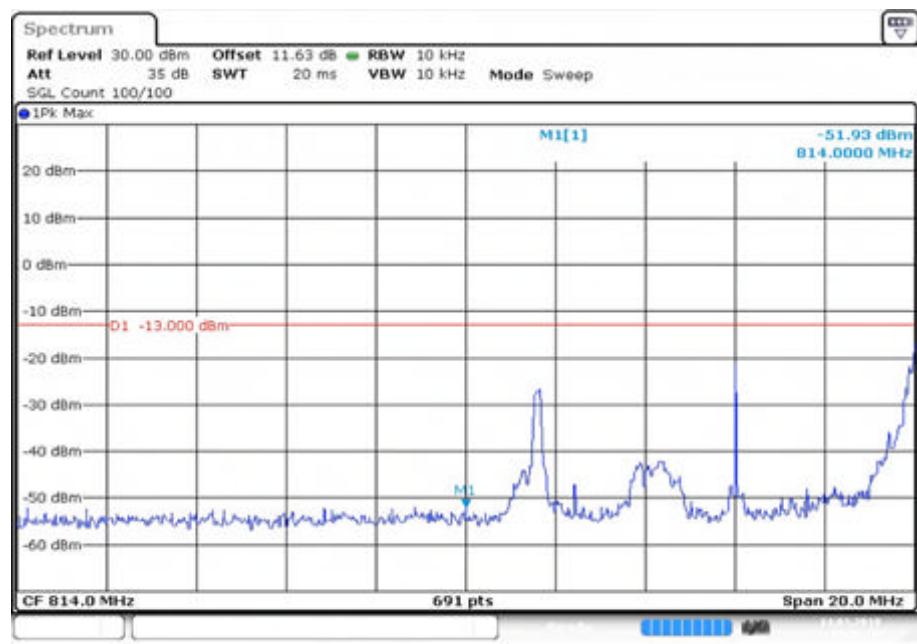


Fig.6

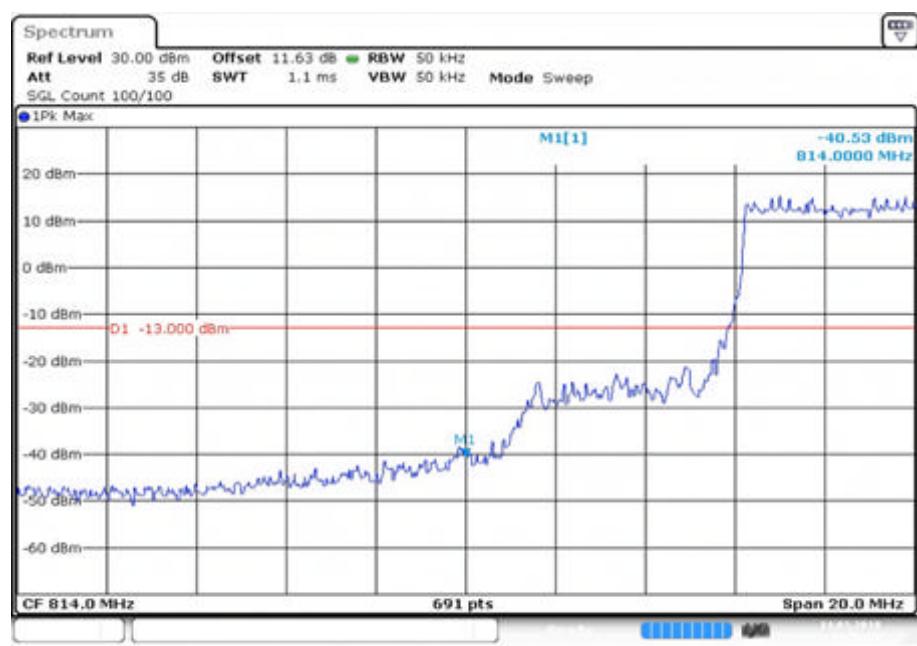


Fig.7

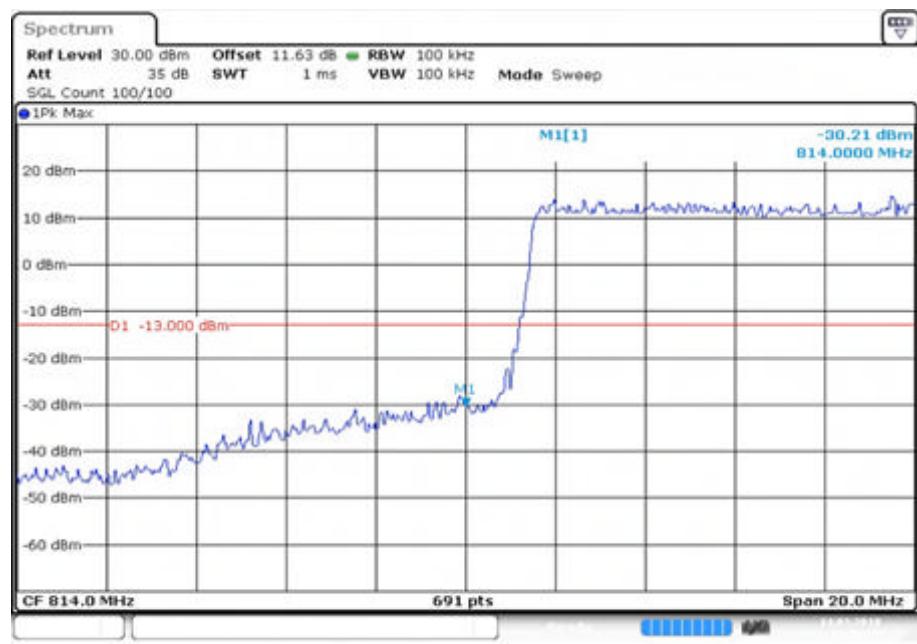


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
26	844	26990	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

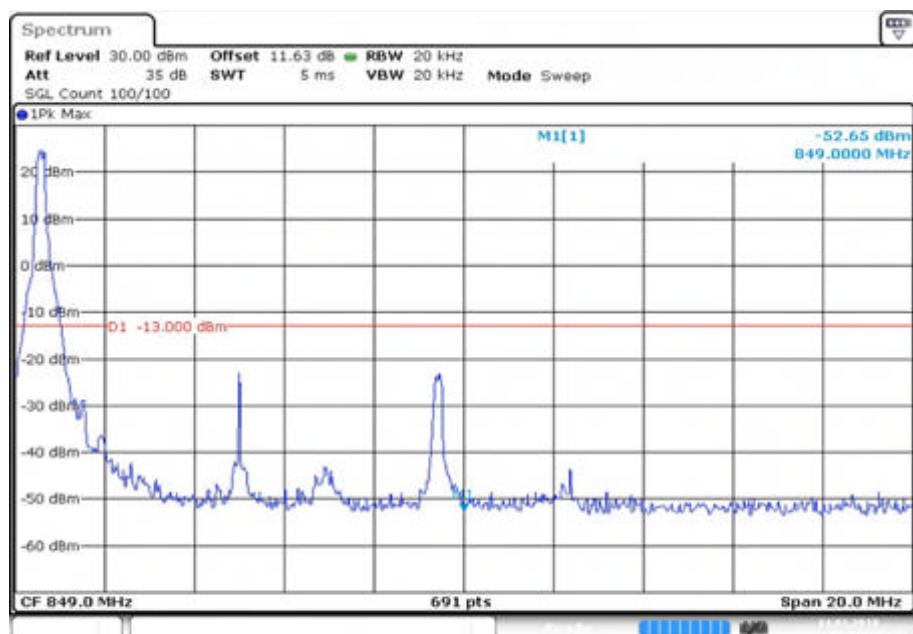


Fig.1

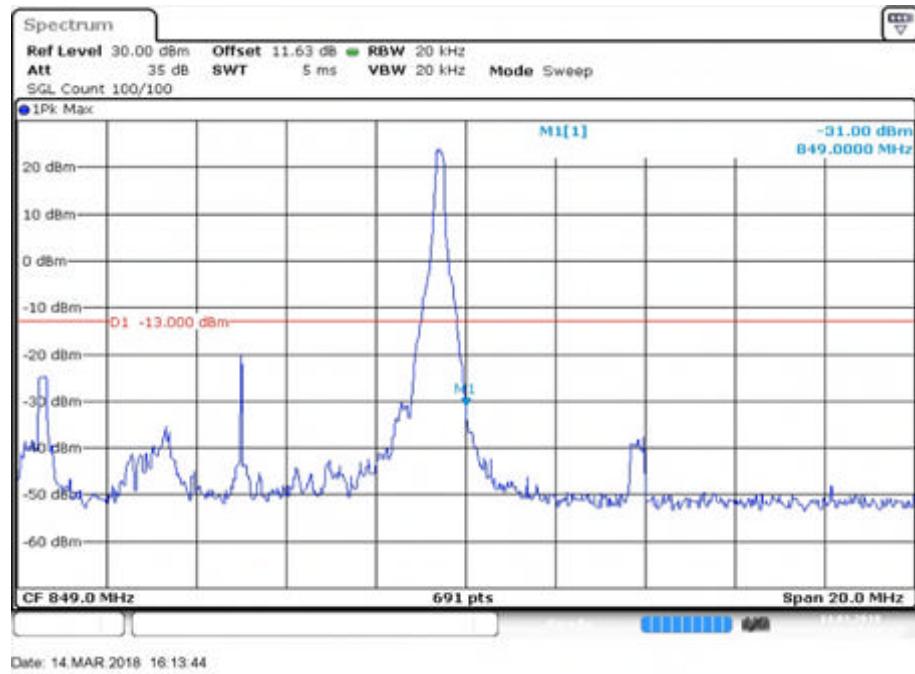


Fig.2

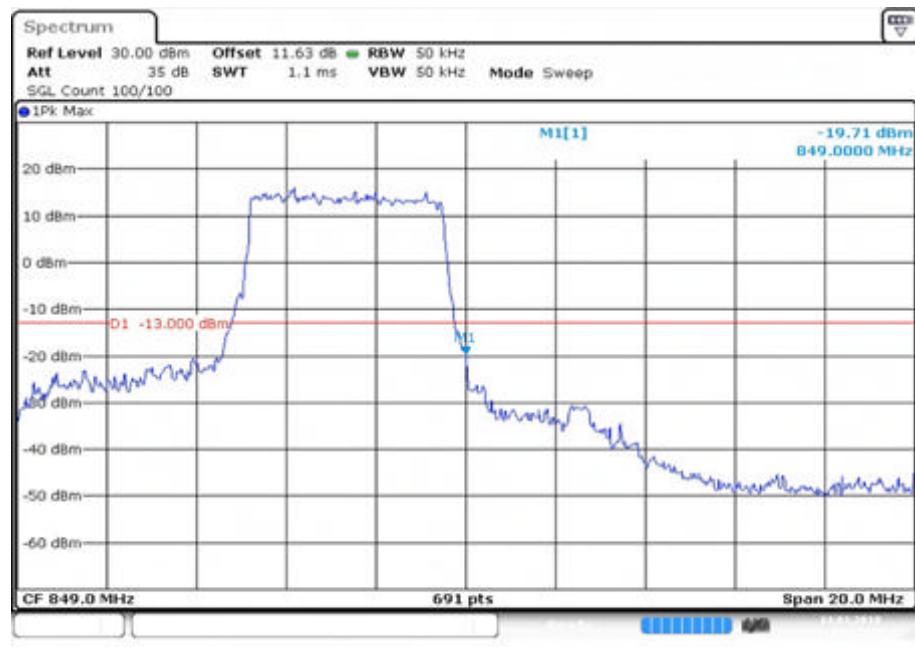


Fig.3

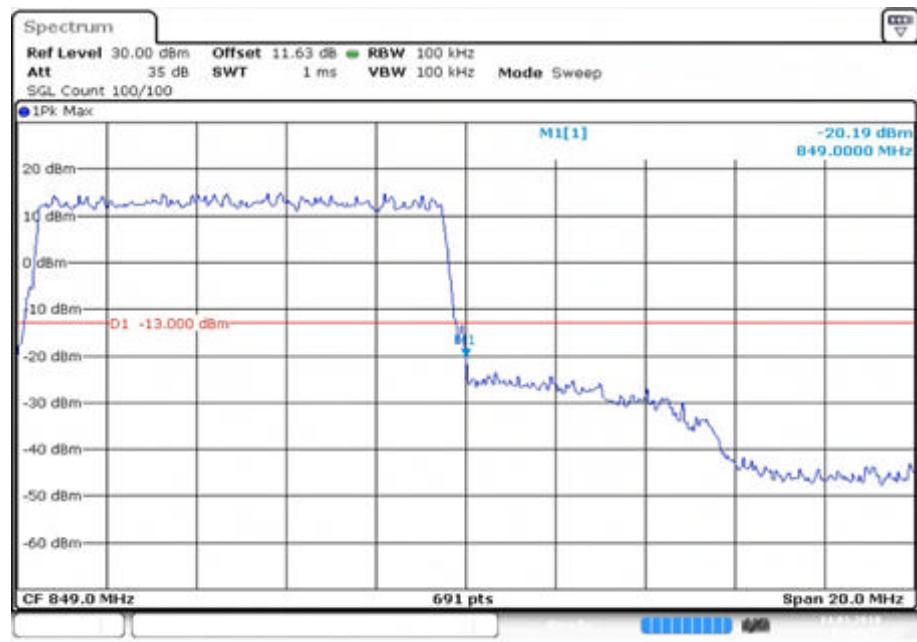


Fig.4

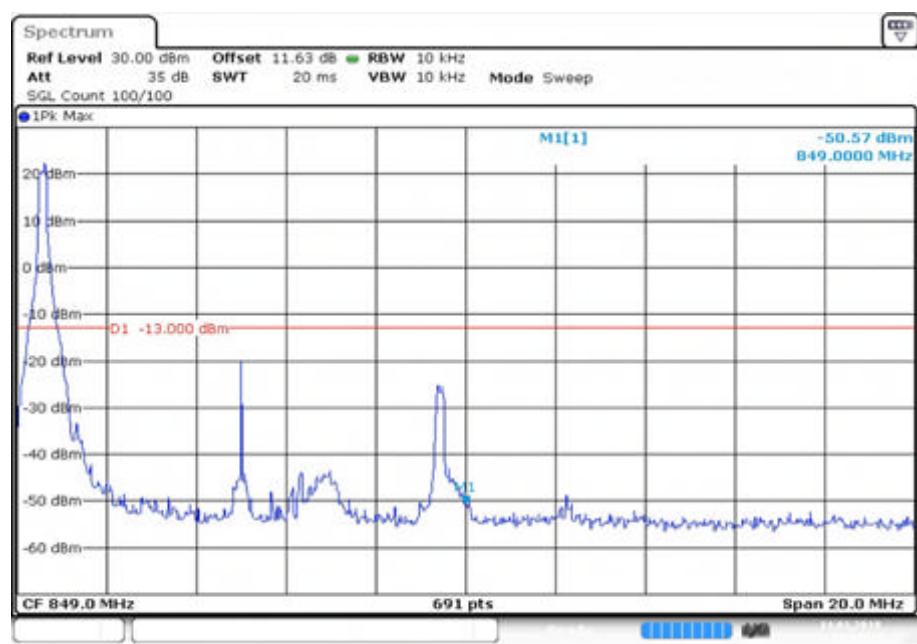


Fig.5

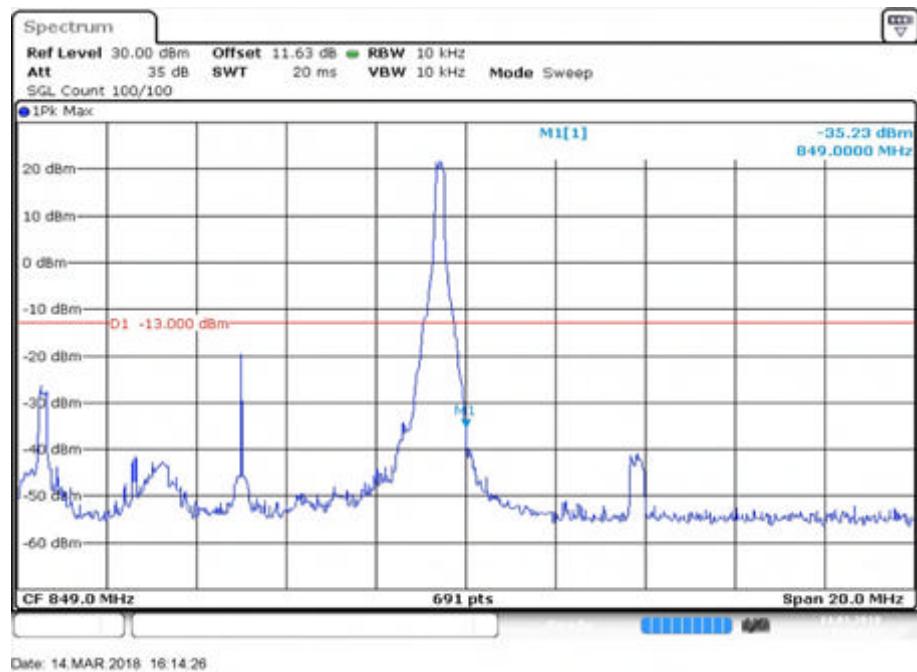


Fig.6

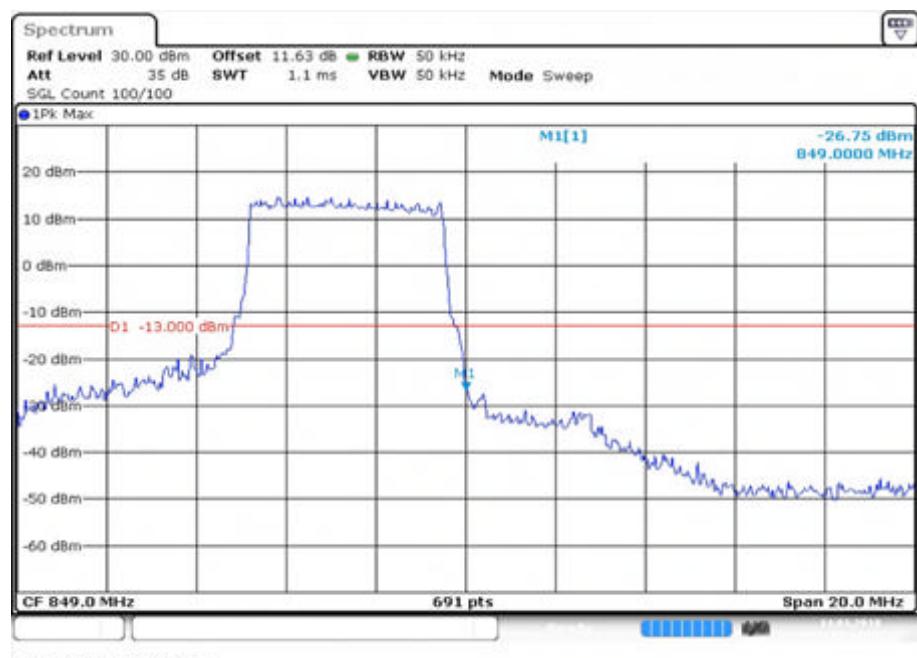


Fig.7

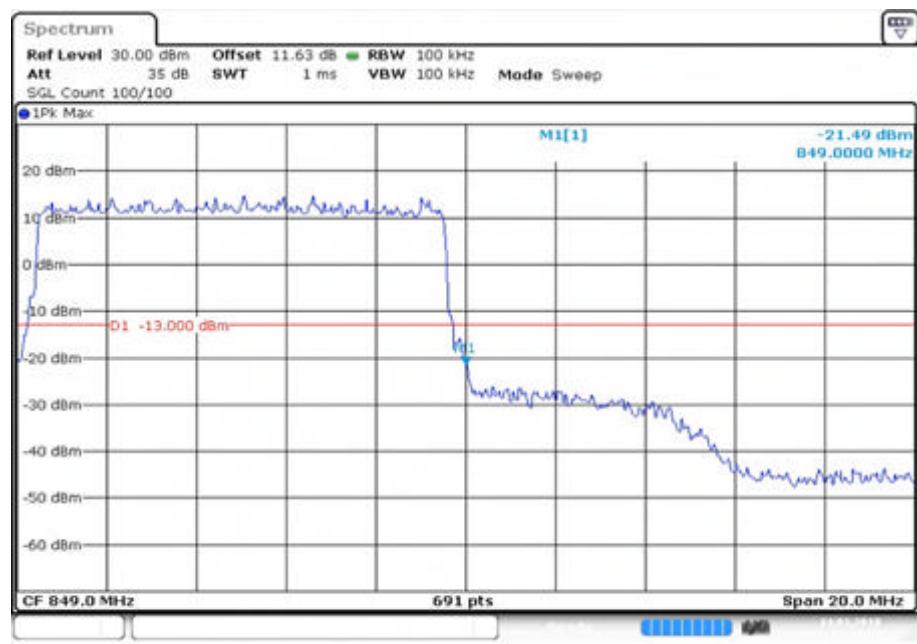


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
26	821.5	26765	15	1	0	Fig.1	Fig.5
				1	74	Fig.2	Fig.6
				40	18	Fig.3	Fig.7
				75	0	Fig.4	Fig.8

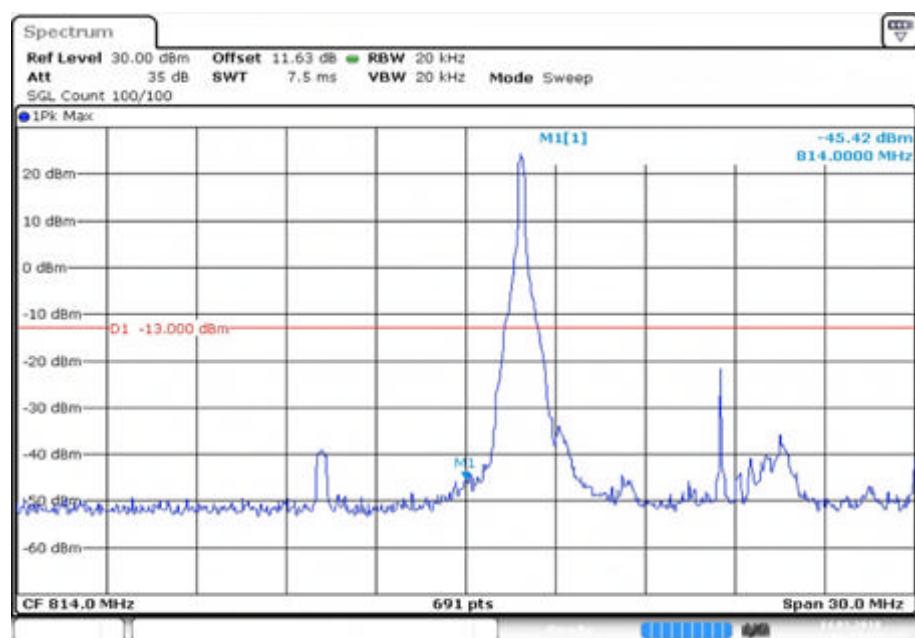


Fig.1

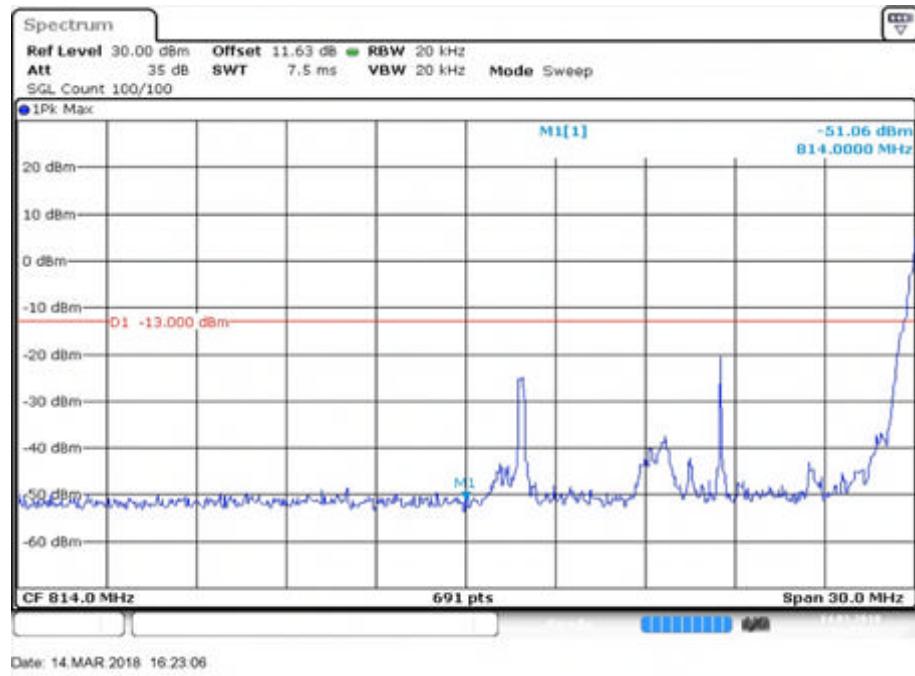


Fig.2

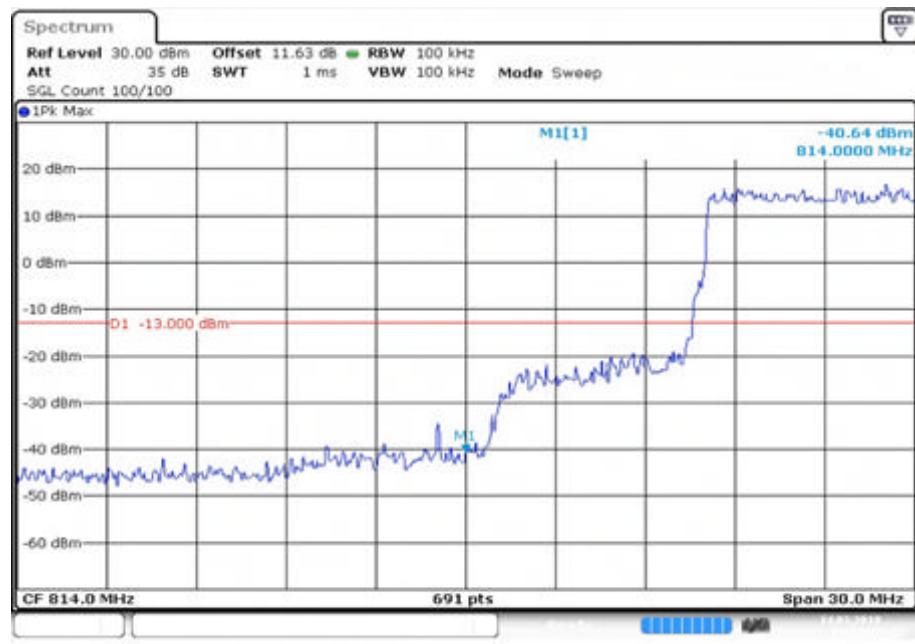


Fig.3

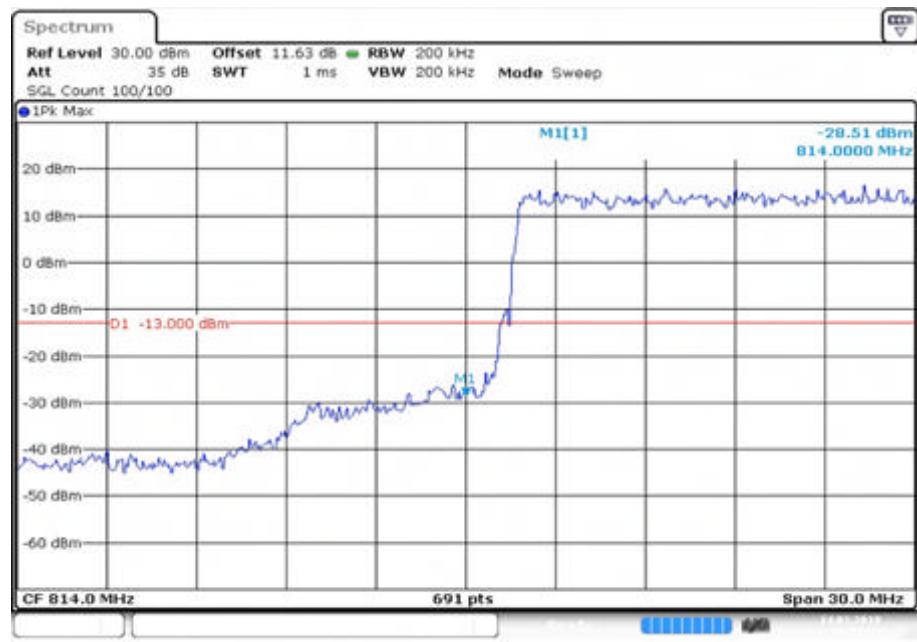


Fig.4

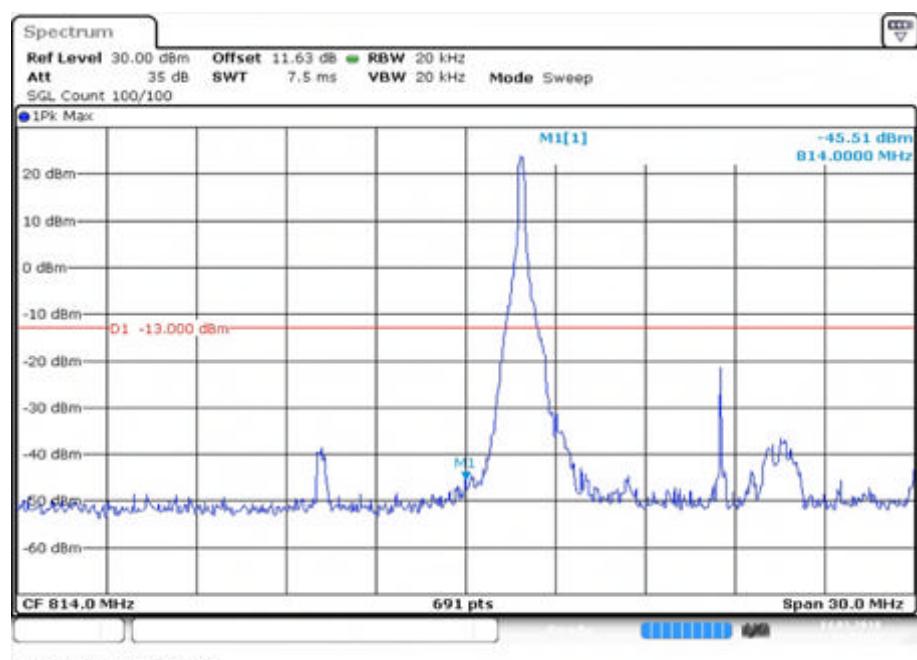


Fig.5

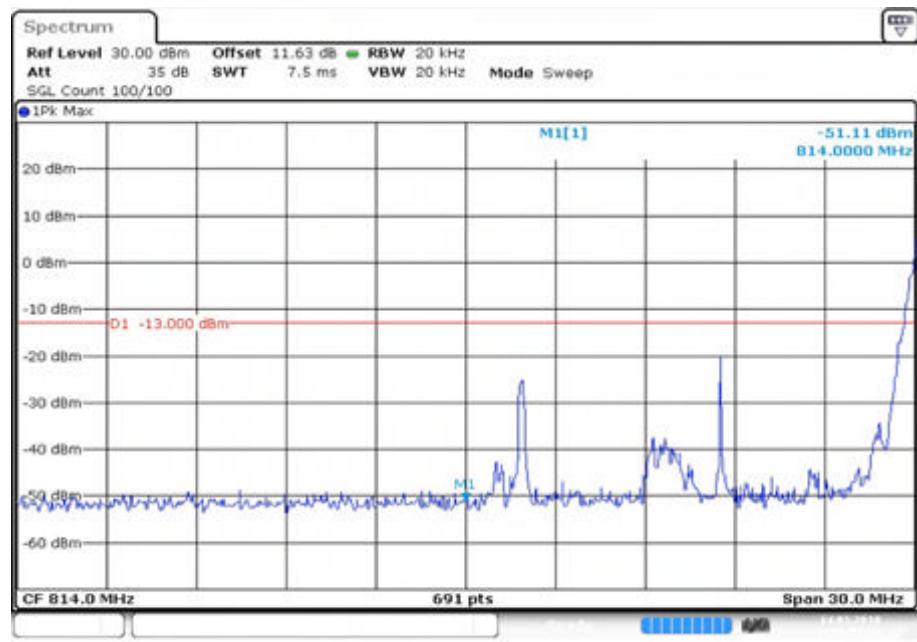


Fig.6

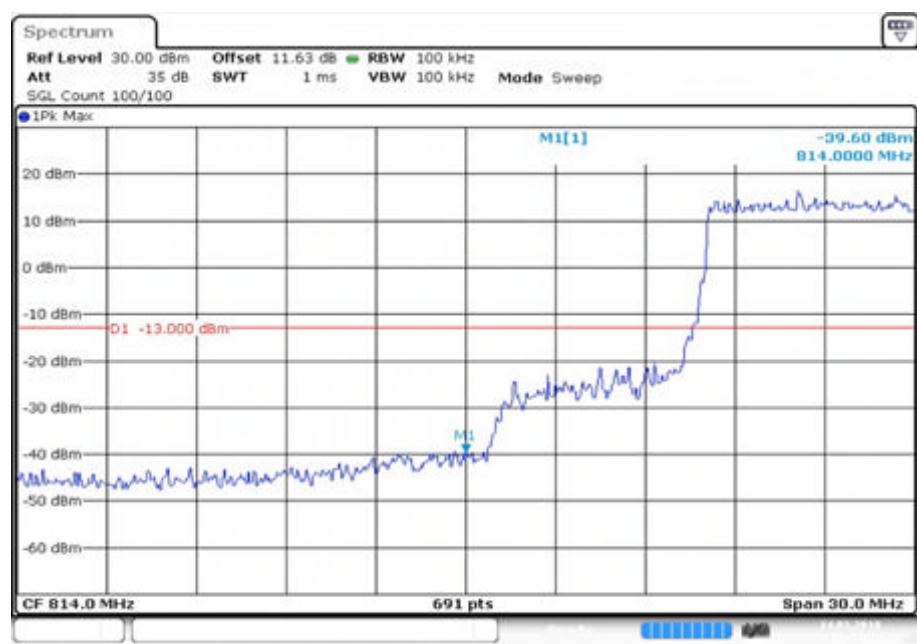
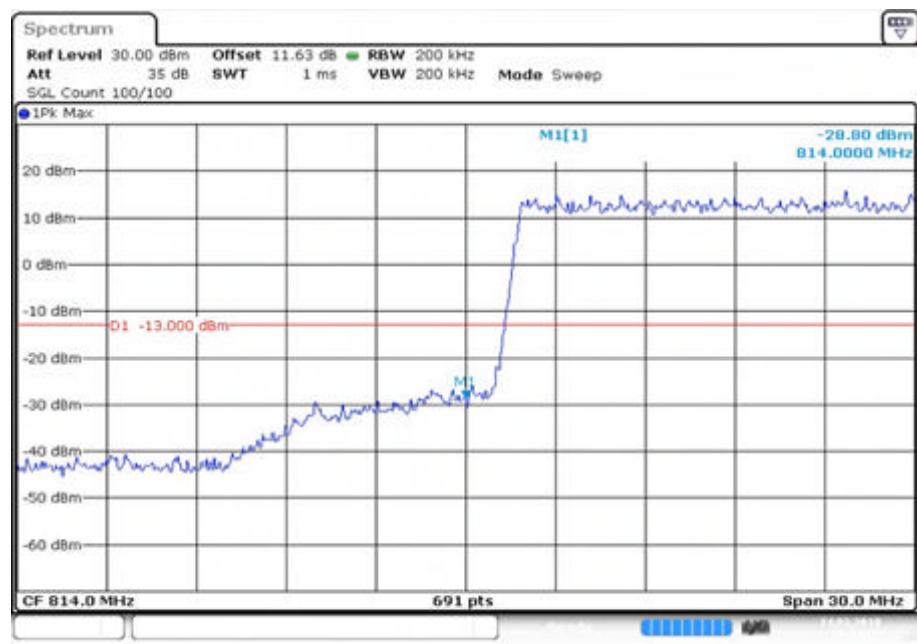


Fig.7



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Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Band EdgesPlot	
						QPSK	16-QAM
26	841.5	26965	15	1	0	Fig.1	Fig.5
				1	74	Fig.2	Fig.6
				40	18	Fig.3	Fig.7
				75	0	Fig.4	Fig.8

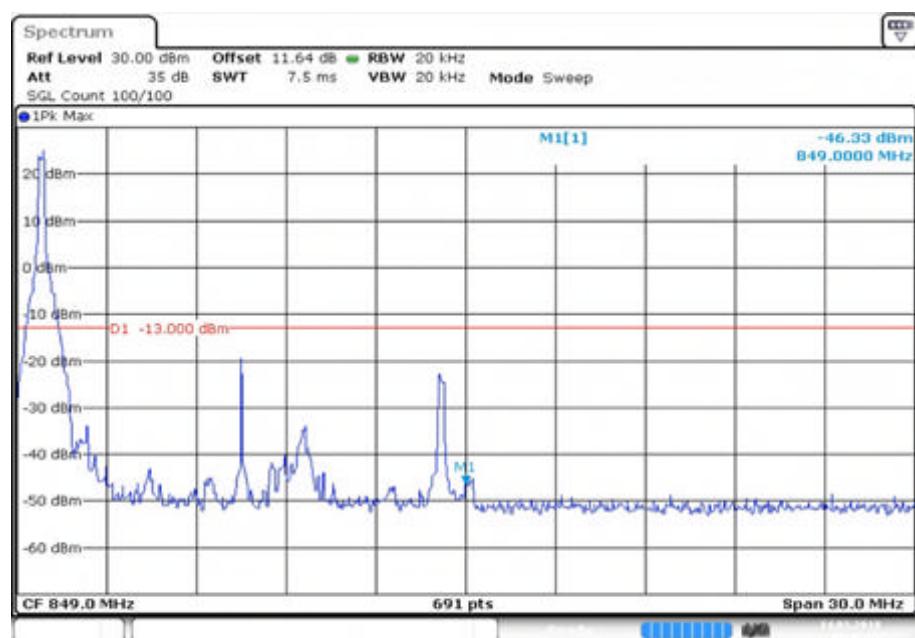


Fig.1

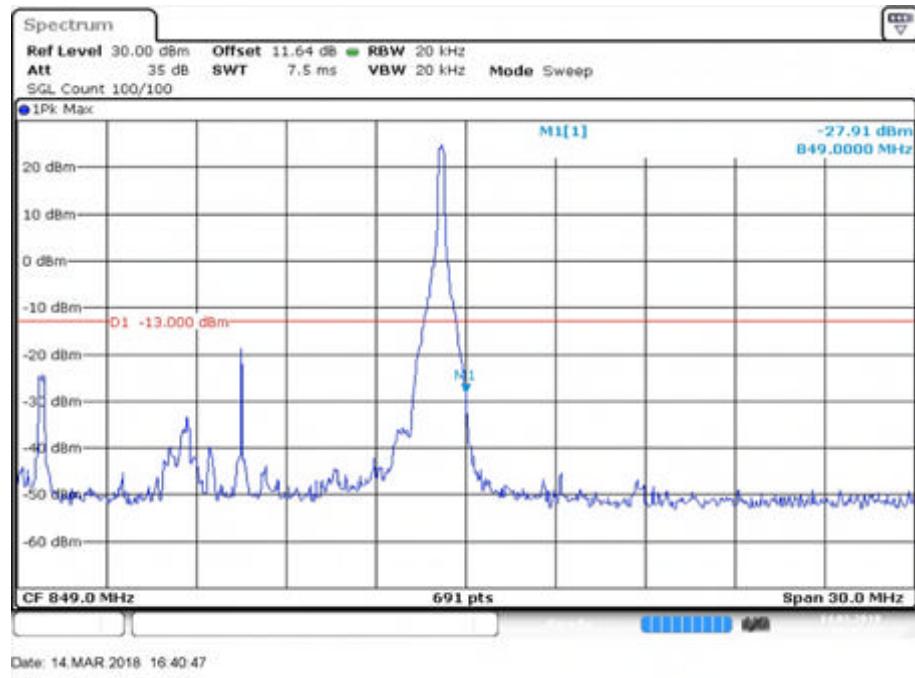


Fig.2

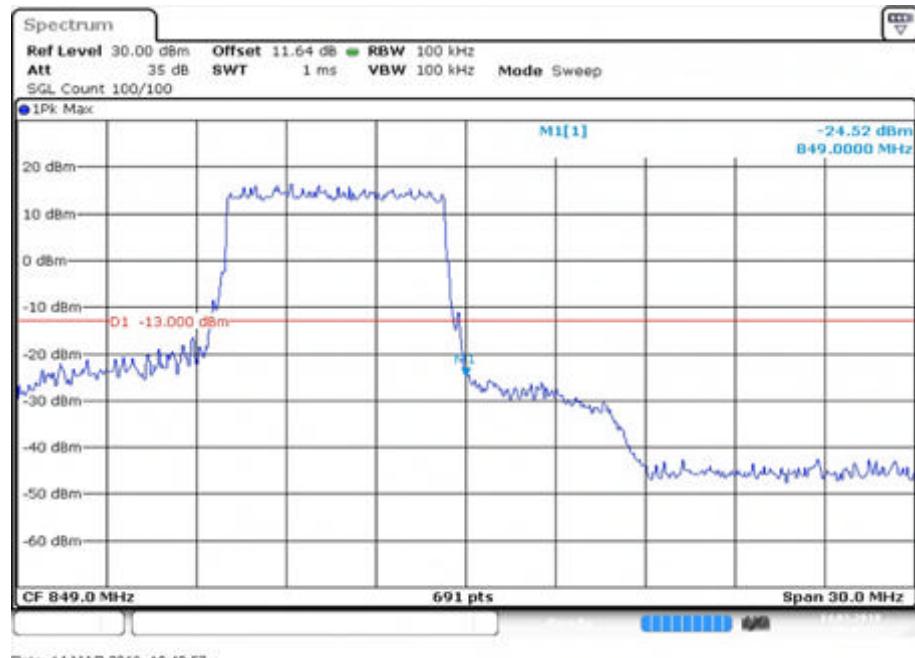


Fig.3

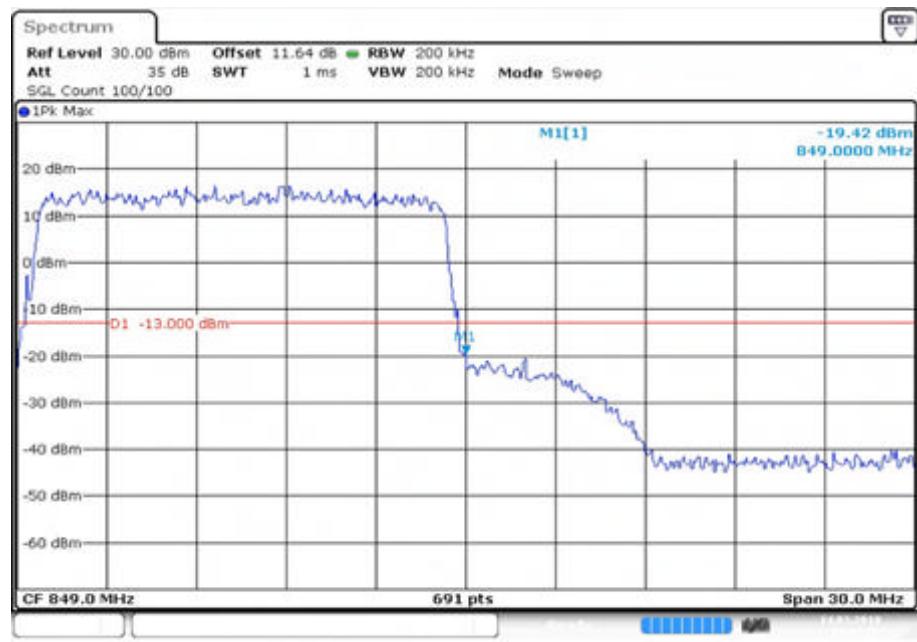


Fig.4

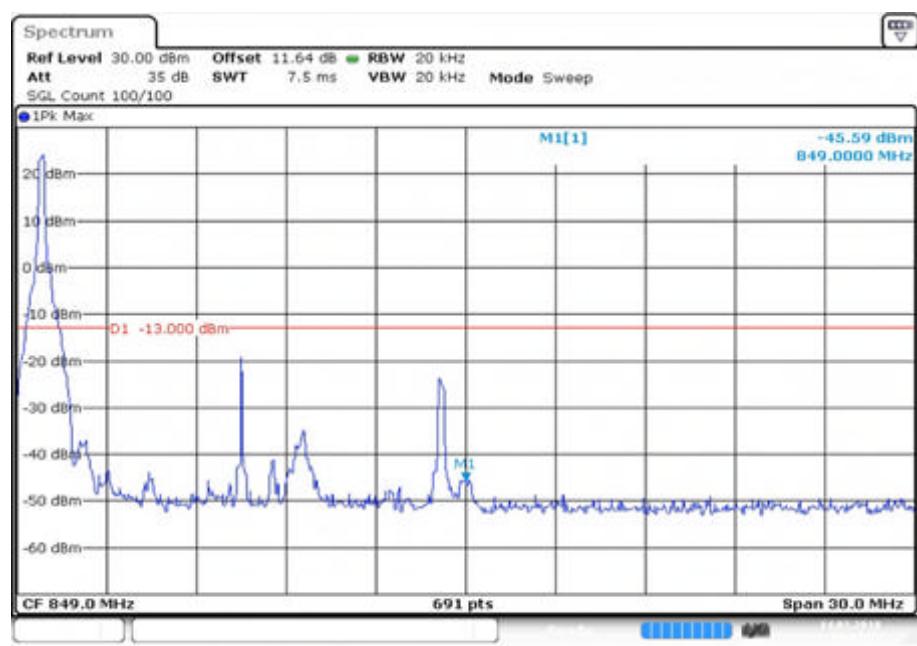


Fig.5

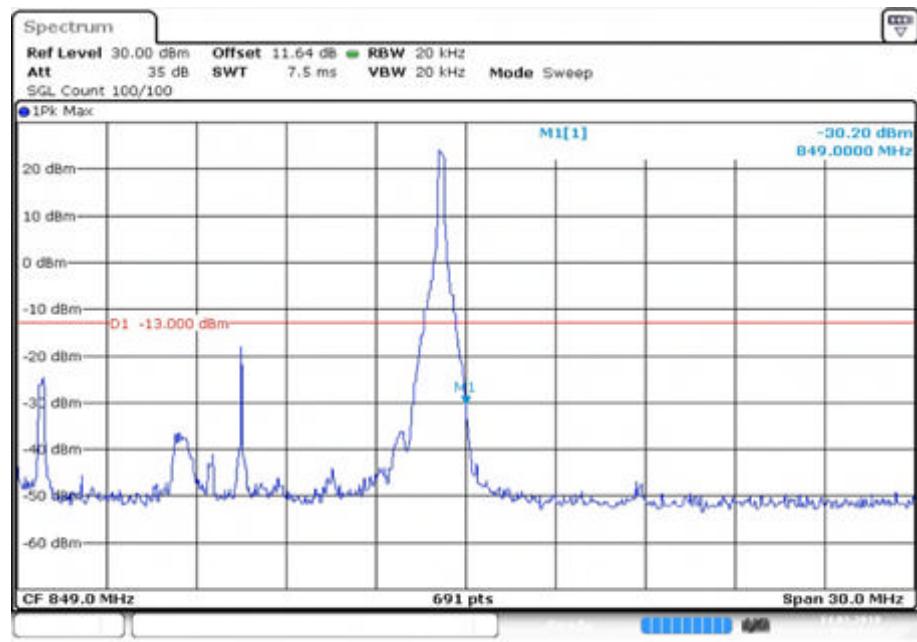


Fig.6

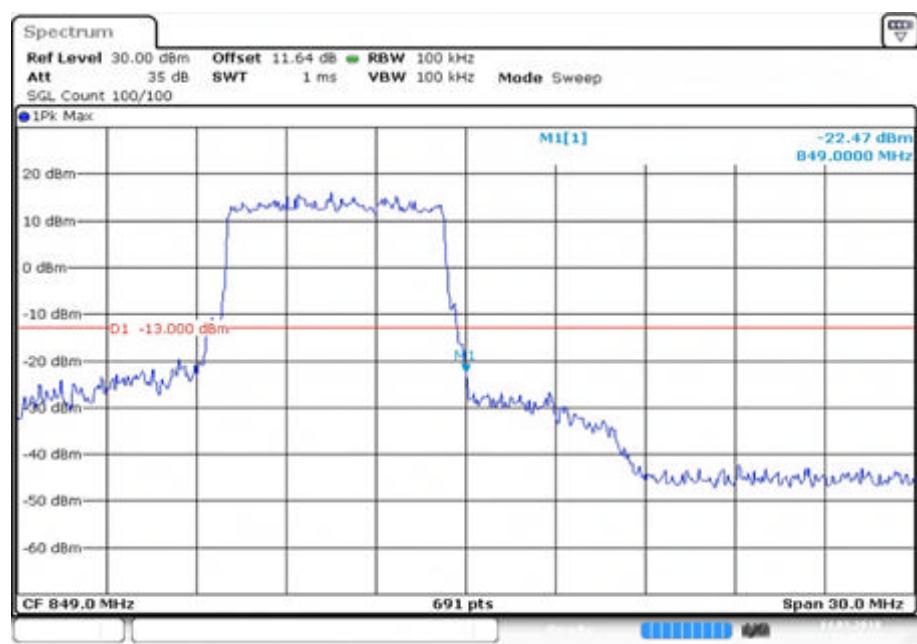


Fig.7

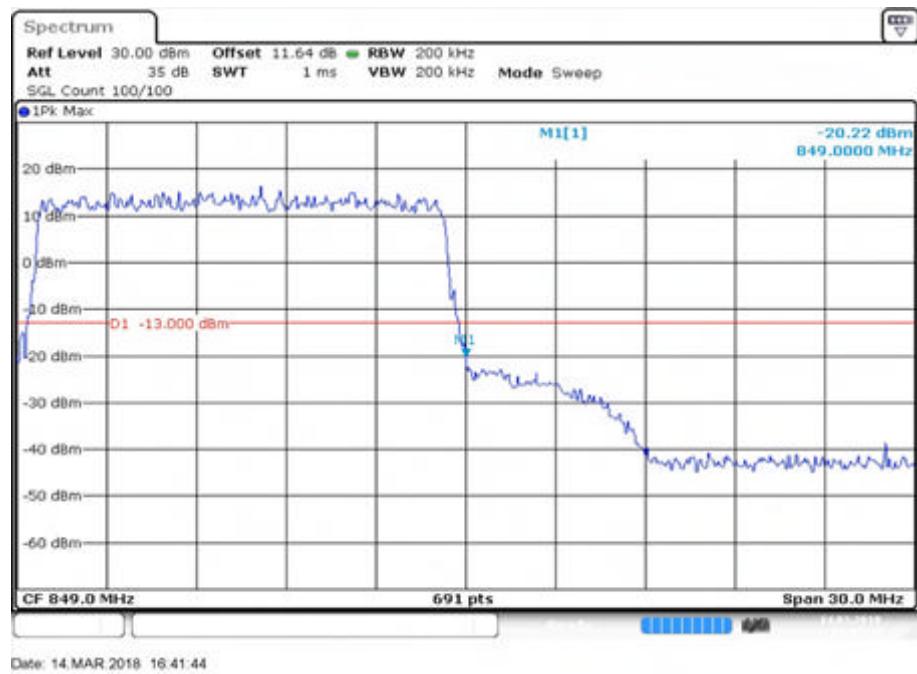
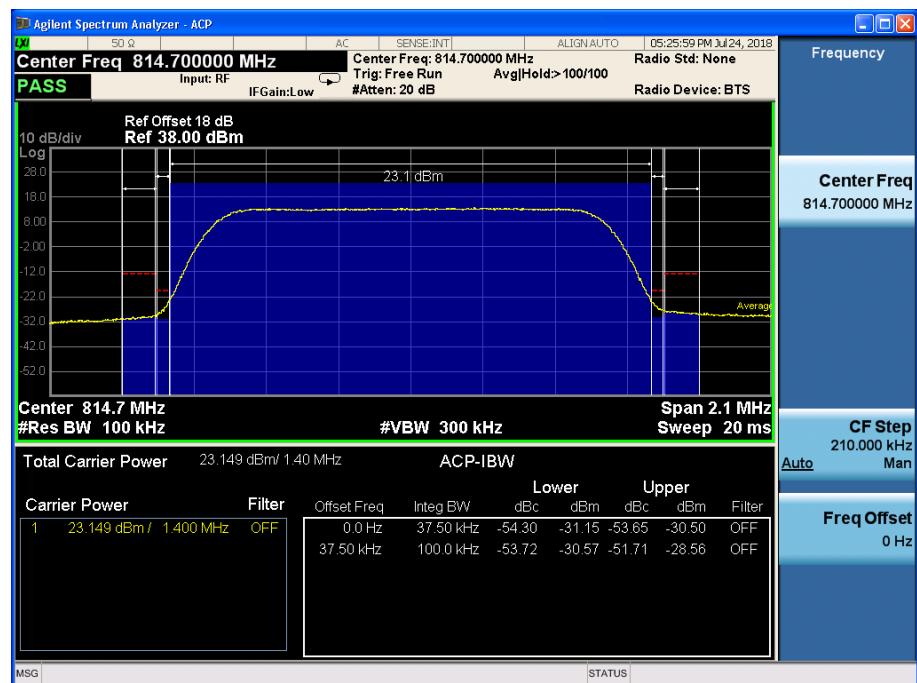
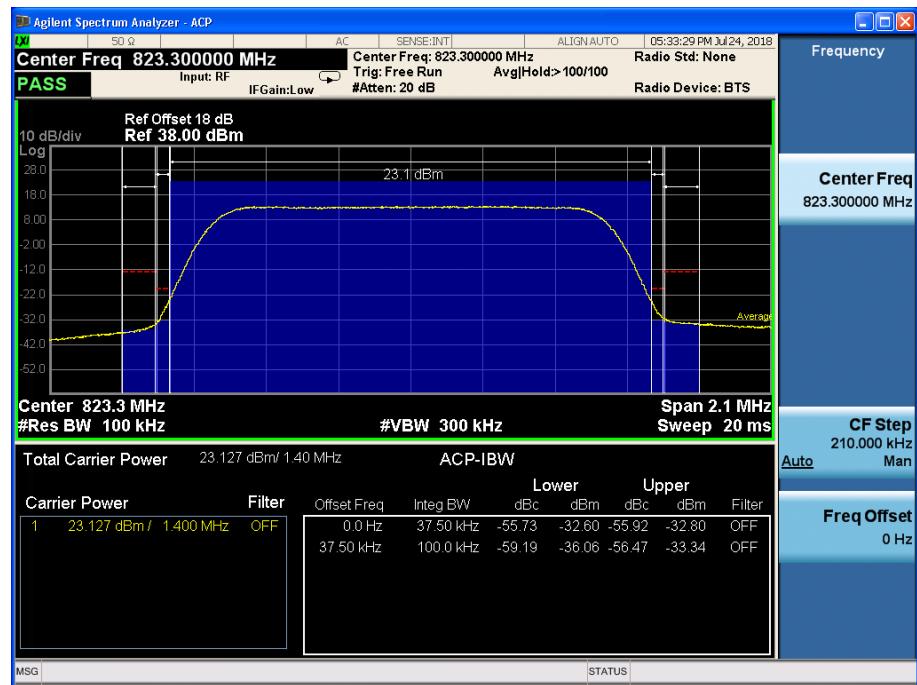


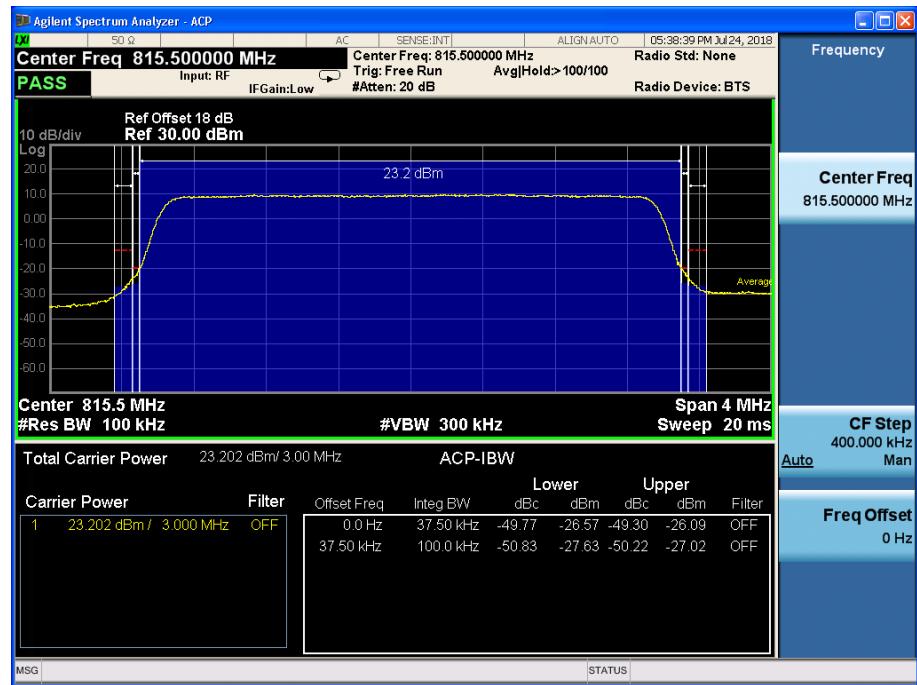
Fig.8



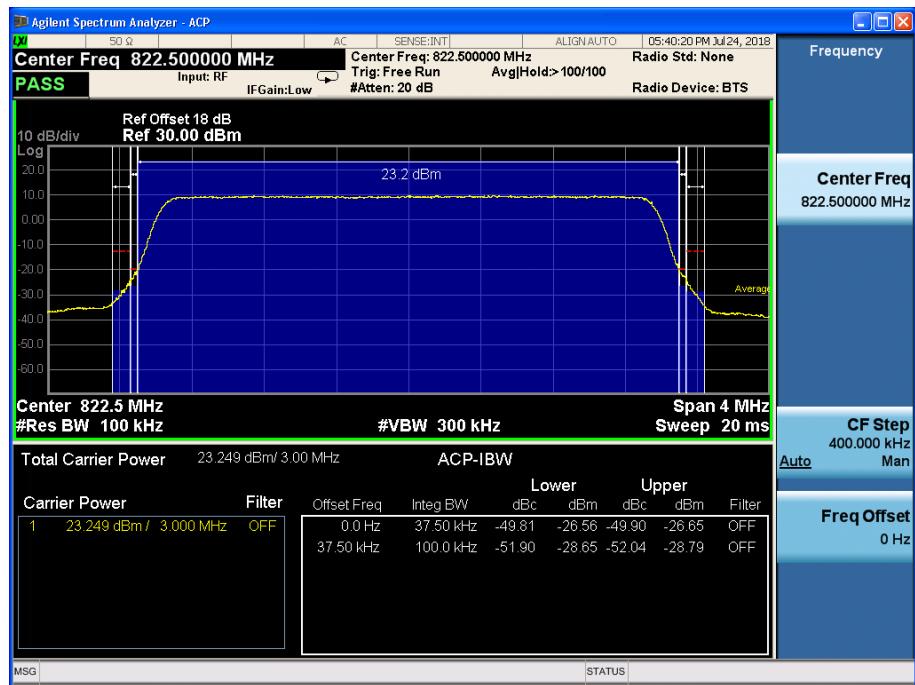
Emission Mask B26 1.4MHz QPSK Full RB Low Channel



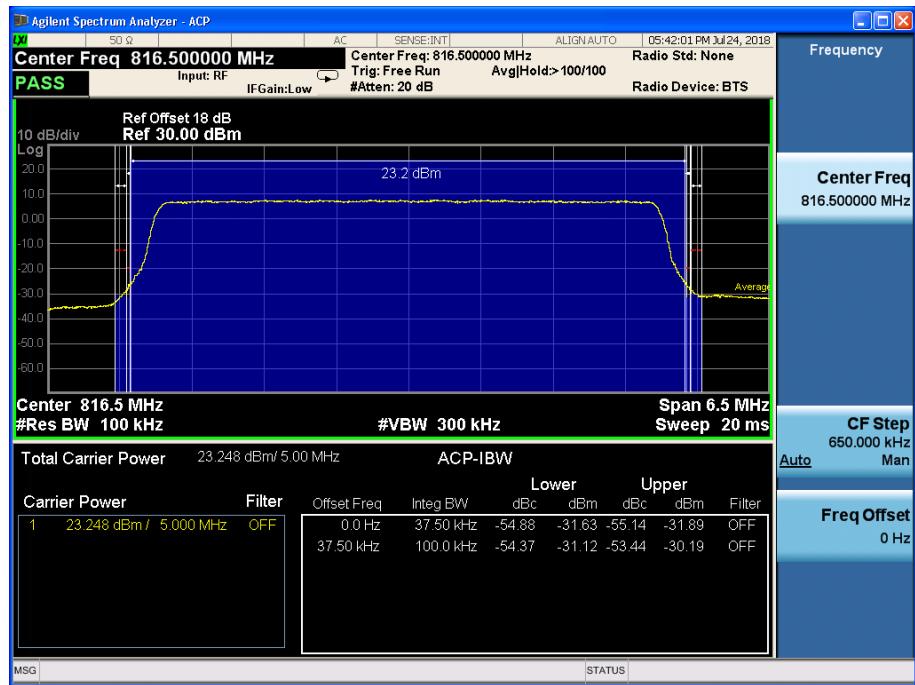
Emission Mask B26 1.4MHz QPSK Full RB High Channel



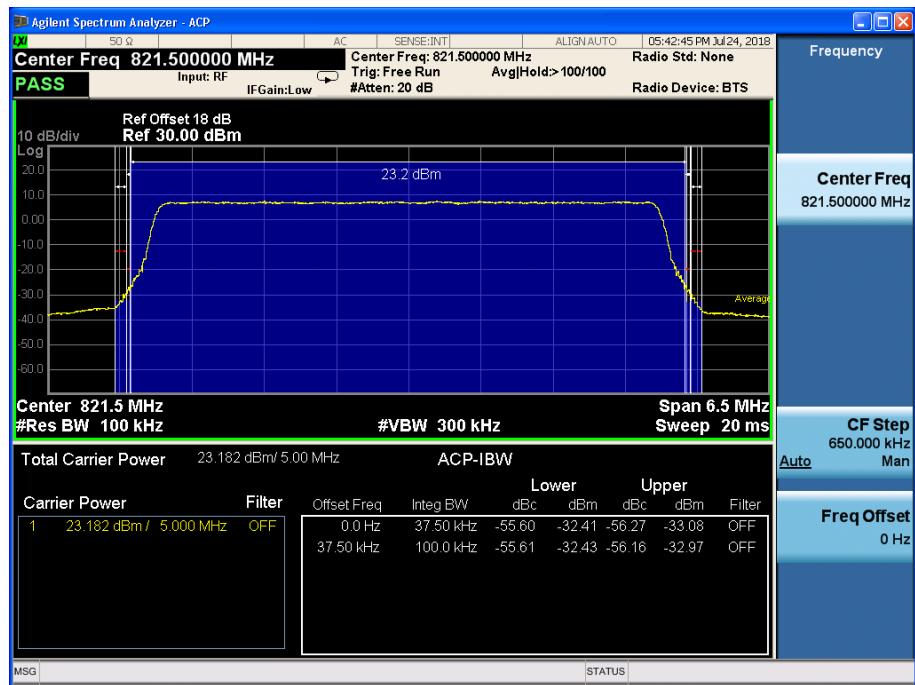
Emission Mask B26 3MHz QPSK Full RB Low Channel



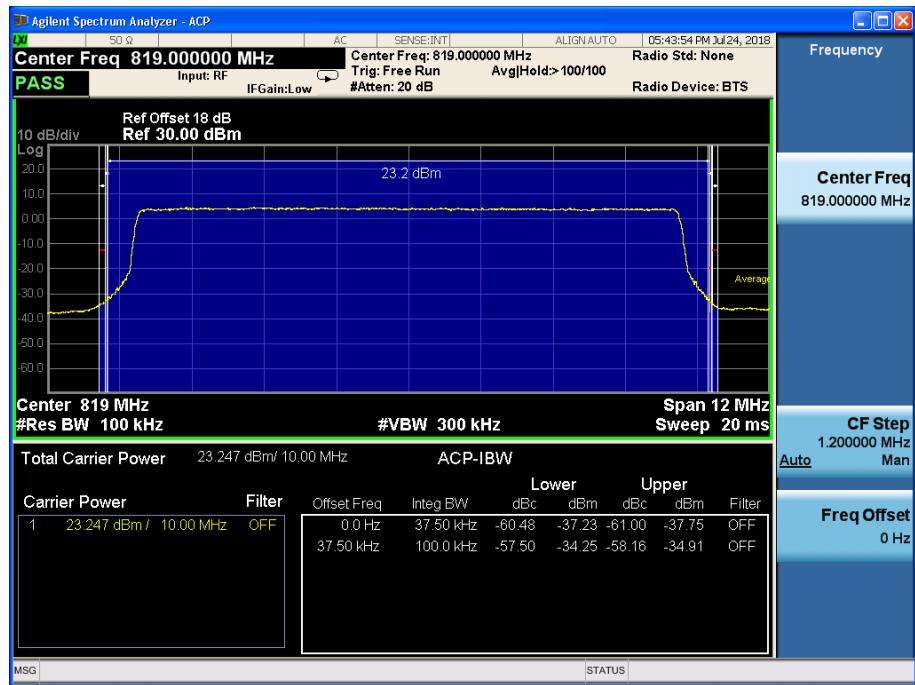
Emission Mask B26 3MHz QPSK Full RB High Channel



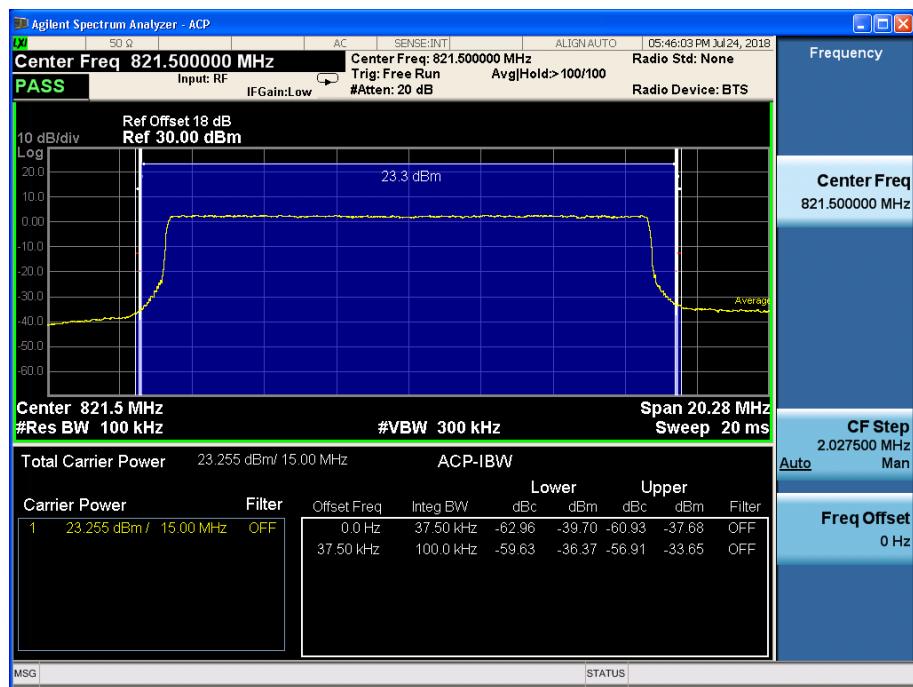
Emission Mask B26 5MHz QPSK Full RB Low Channel



Emission Mask B26 5MHz QPSK Full RB High Channel



Emission Mask B26 10MHz QPSK Full RB



Emission Mask B26 15MHz QPSK Full RB

Note: Expanded measurement uncertainty is $U = 0.488\text{dB}(100\text{KHz}-2\text{GHz})/1.211\text{dB}(2\text{GHz}-26.5\text{GHz})$, $k = 1.96$

A.7 CONDUCTED SPURIOUS EMISSION

Reference

FCC: CFR Part 2.1051, 90.691.

A.7.1 Measurement Method

The following steps outline the procedure used to measure the conducted emissions from the EUT.

1. Determine frequency range for measurements: From CFR 2.1051 the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency. For the mobile station equipment tested, this equates to a frequency range of 13 MHz to 9 GHz, data taken from 10 MHz to 25 GHz.
2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.
3. The number of sweep points of spectrum analyzer is set to 30001 which is greater than span/RBW.

A.7.2 Measurement Limit

Part 90.691 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

A. 7.3 Measurement result
LTE band 14

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
14	795.5	23355	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

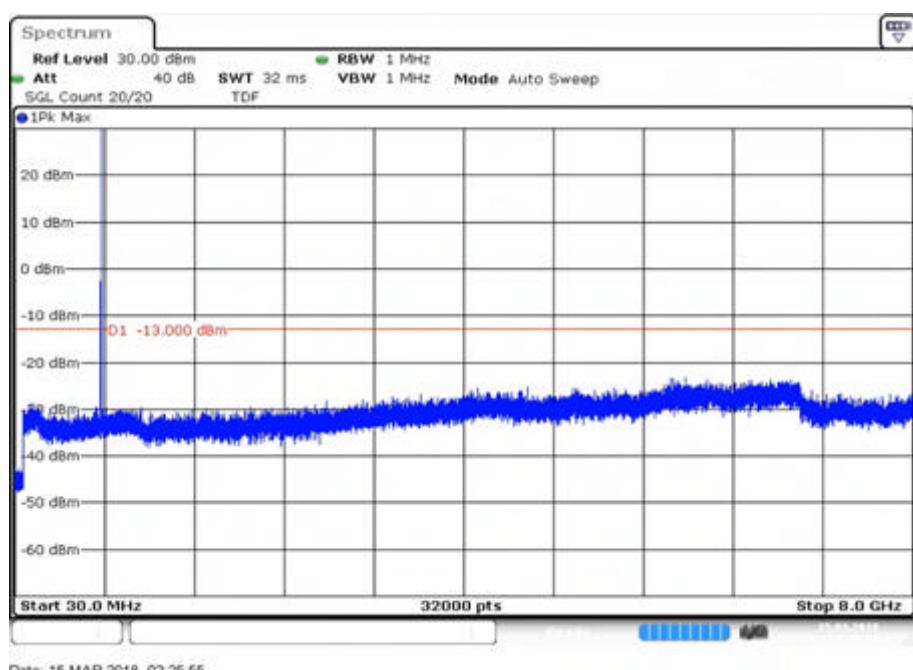


Fig.1

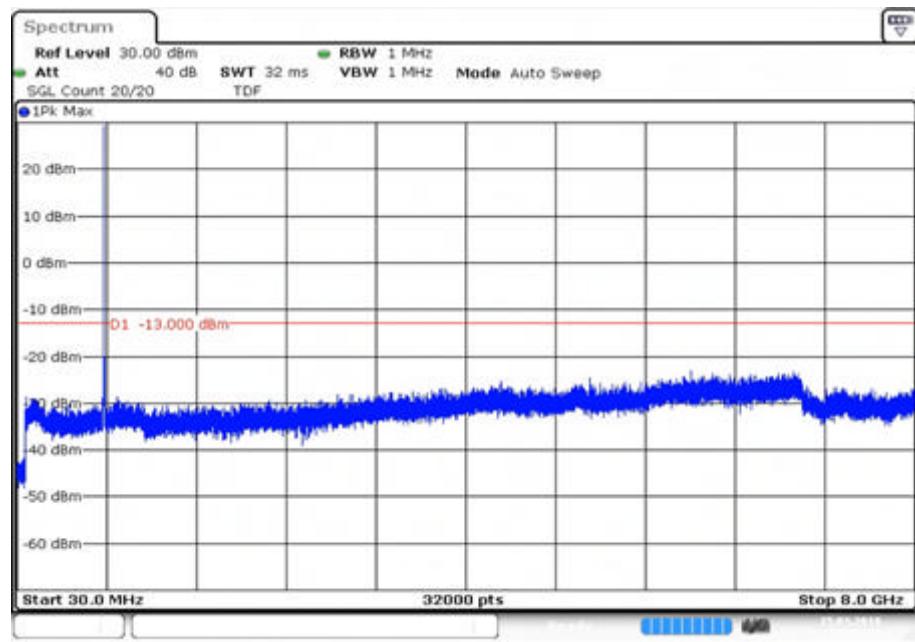


Fig.2

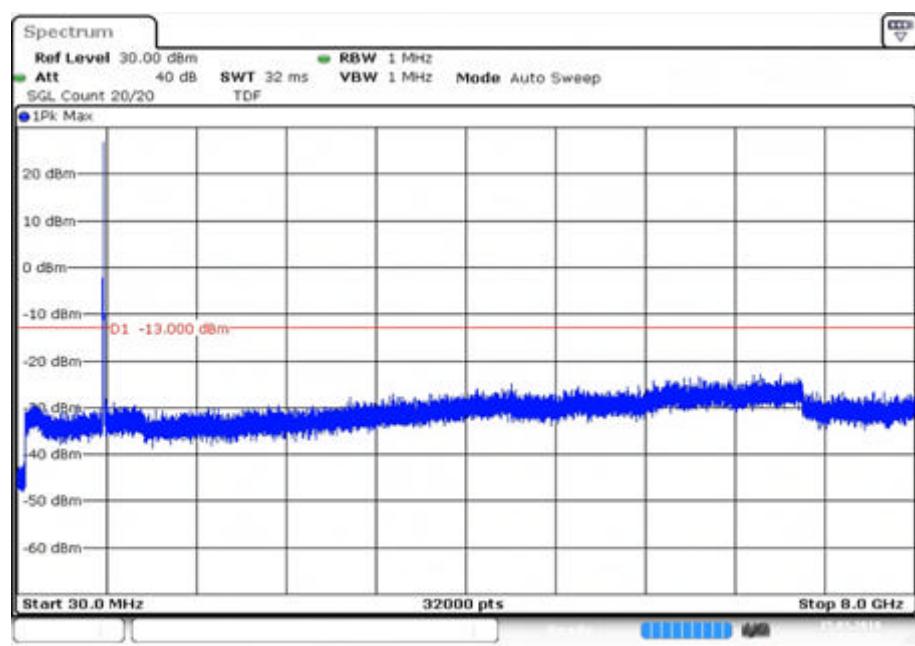
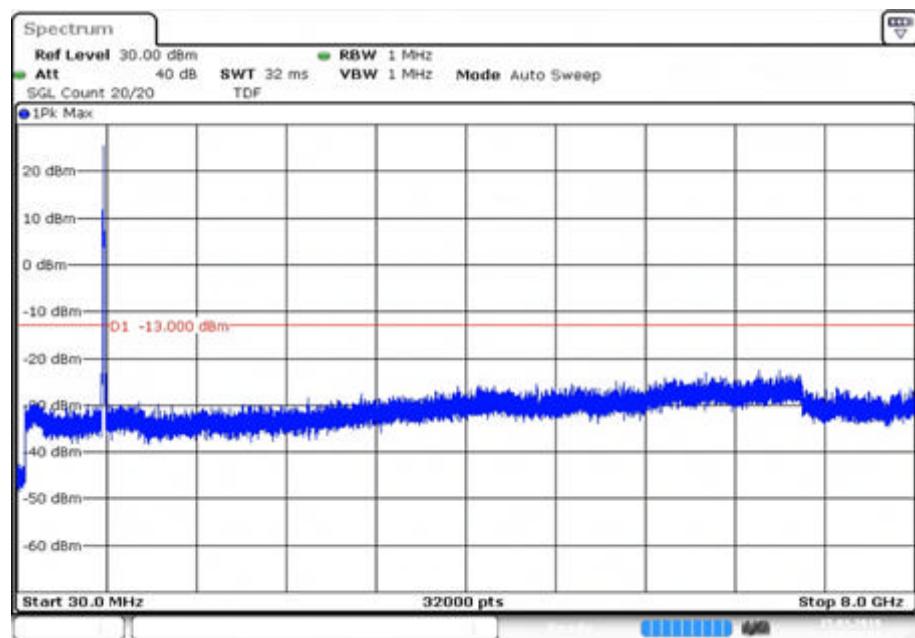
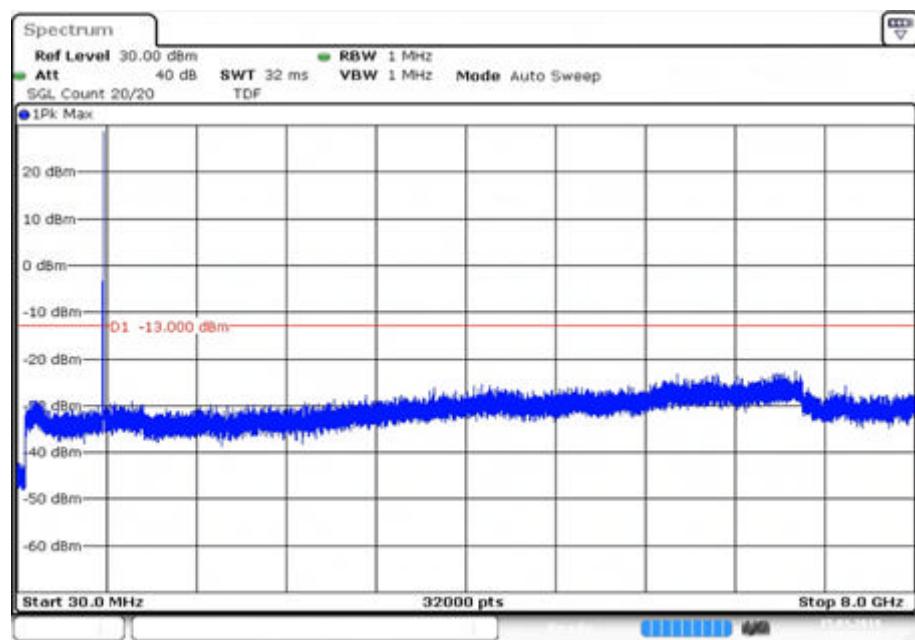


Fig.3



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Fig.4



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Fig.5

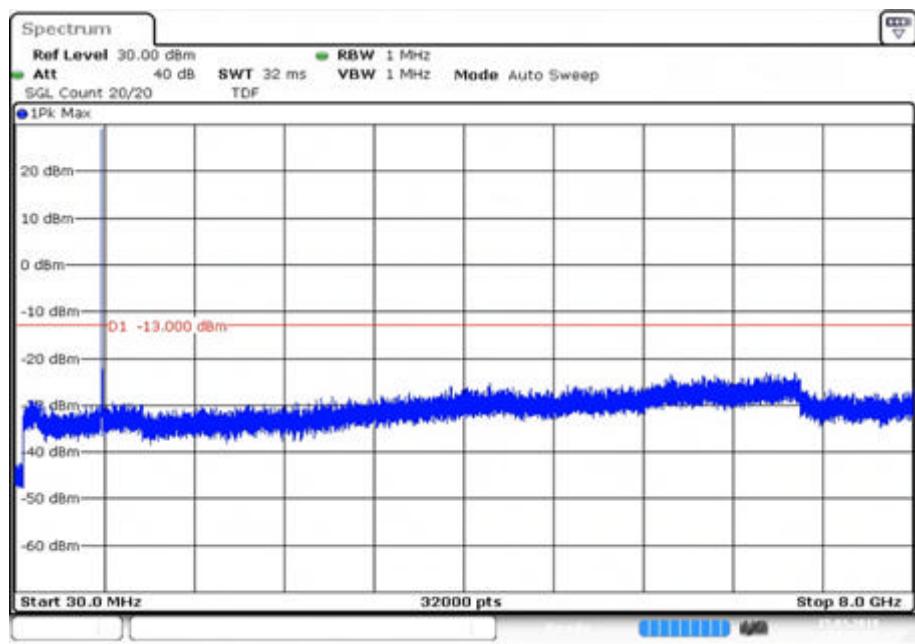


Fig.6

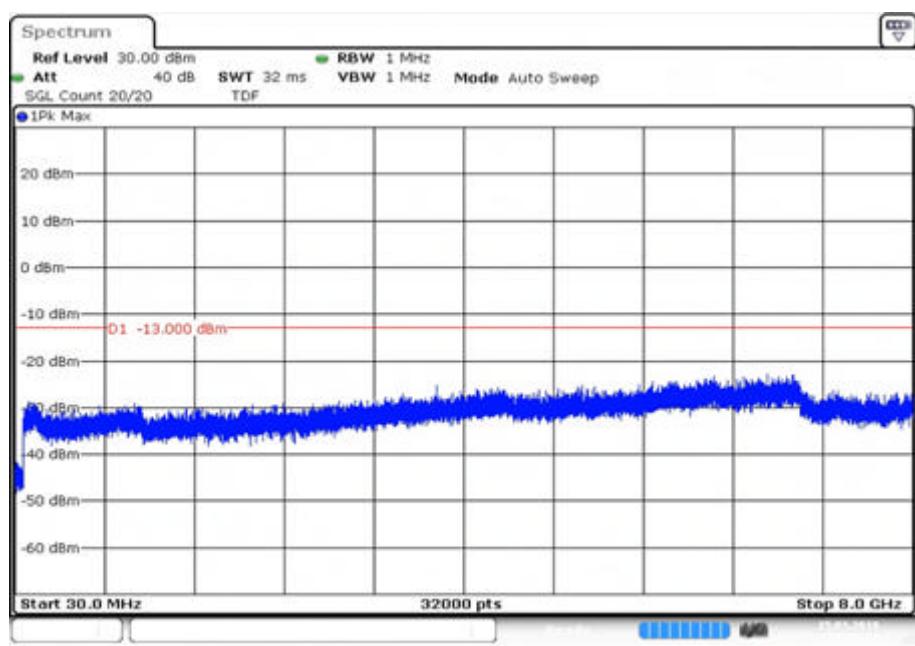


Fig.7

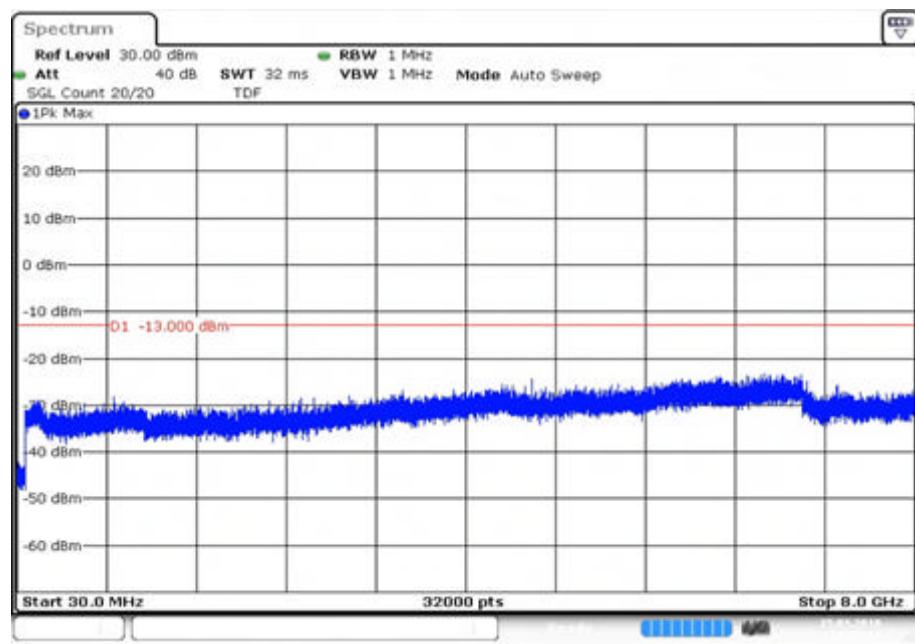


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
14	790.5	23305	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

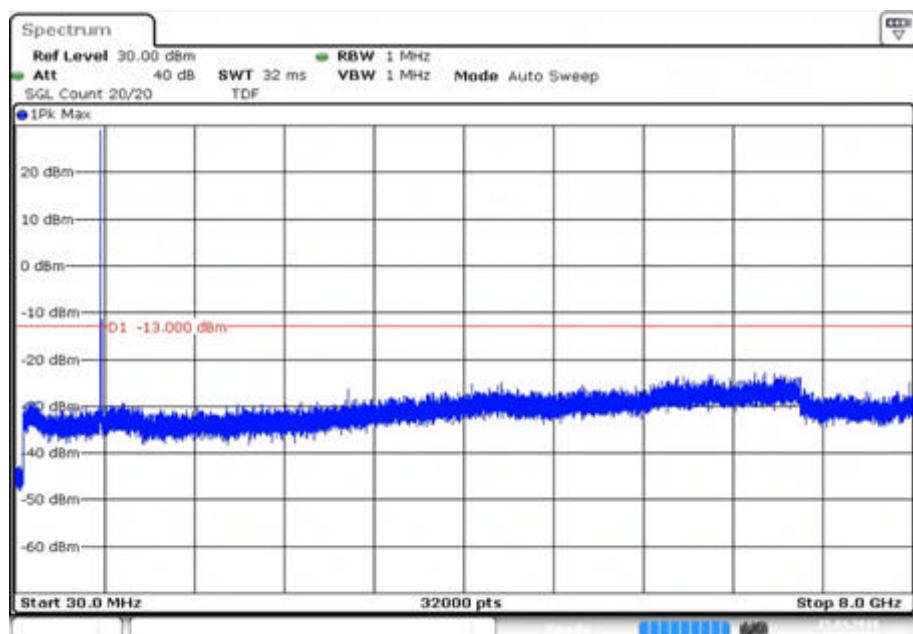


Fig.1

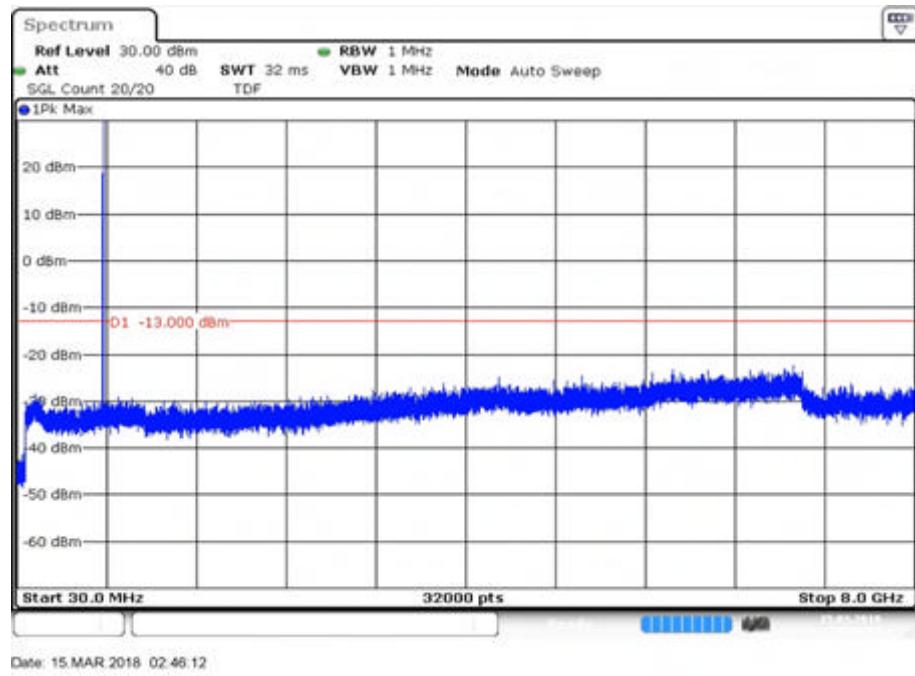


Fig.2

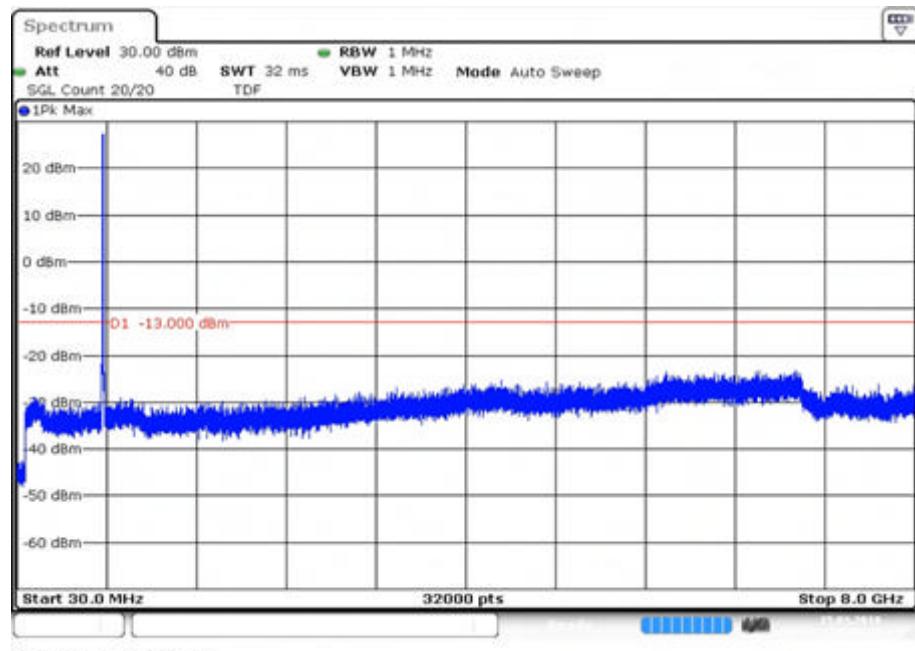
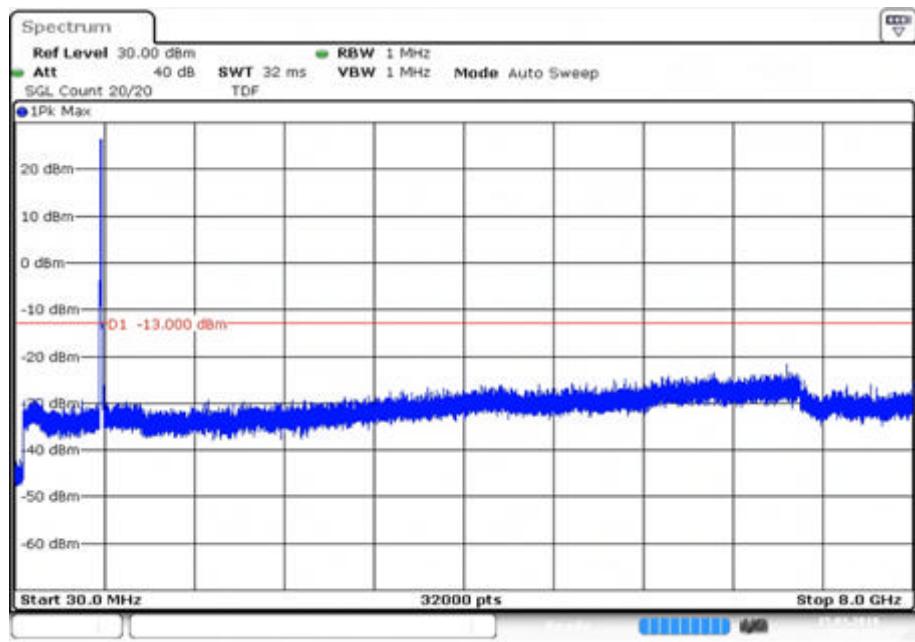
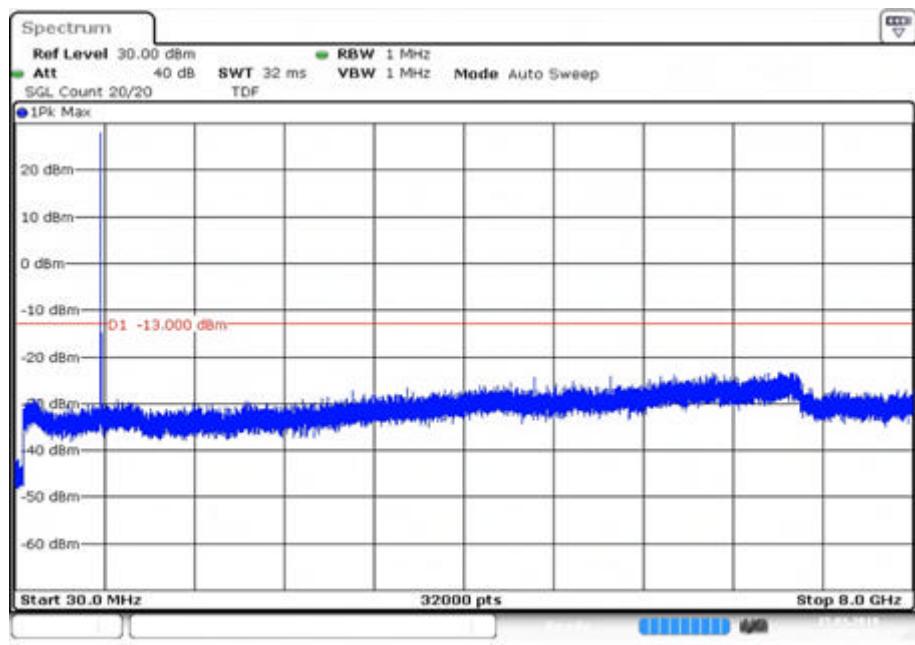


Fig.3



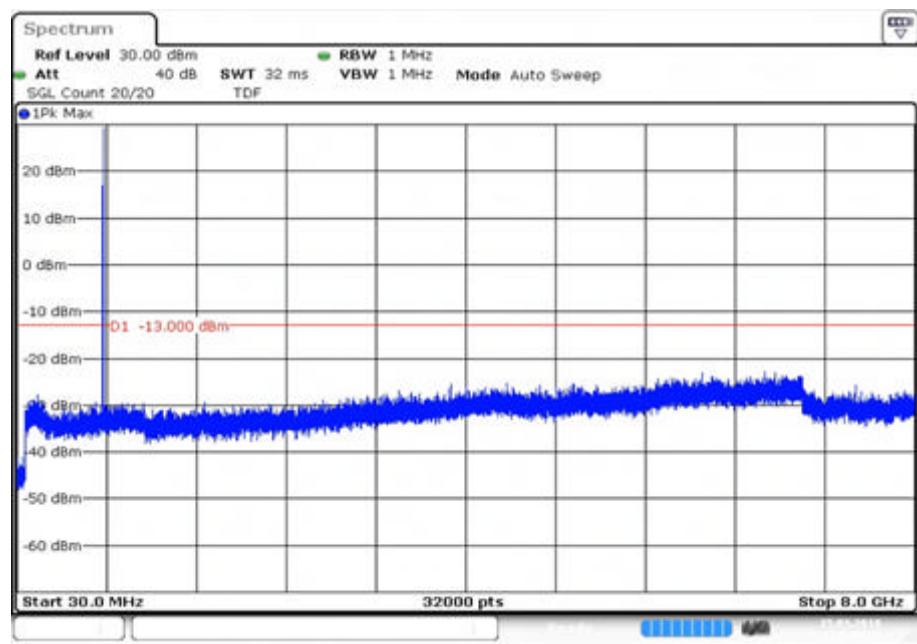
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Fig.4



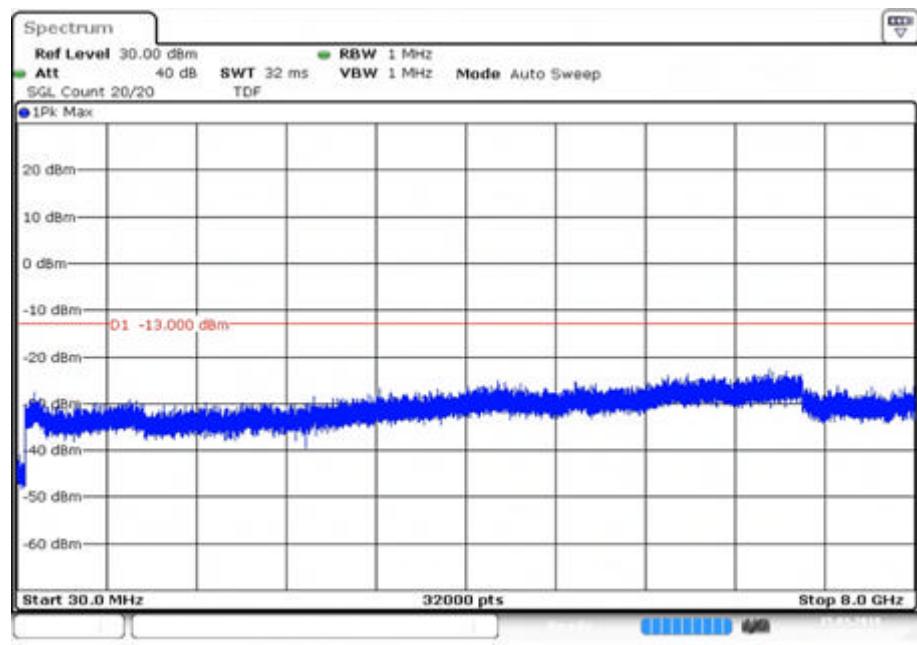
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Fig.5



Date: 15.MAR.2018 02:46:48

Fig.6



Date: 15.MAR.2018 02:46:58

Fig.7

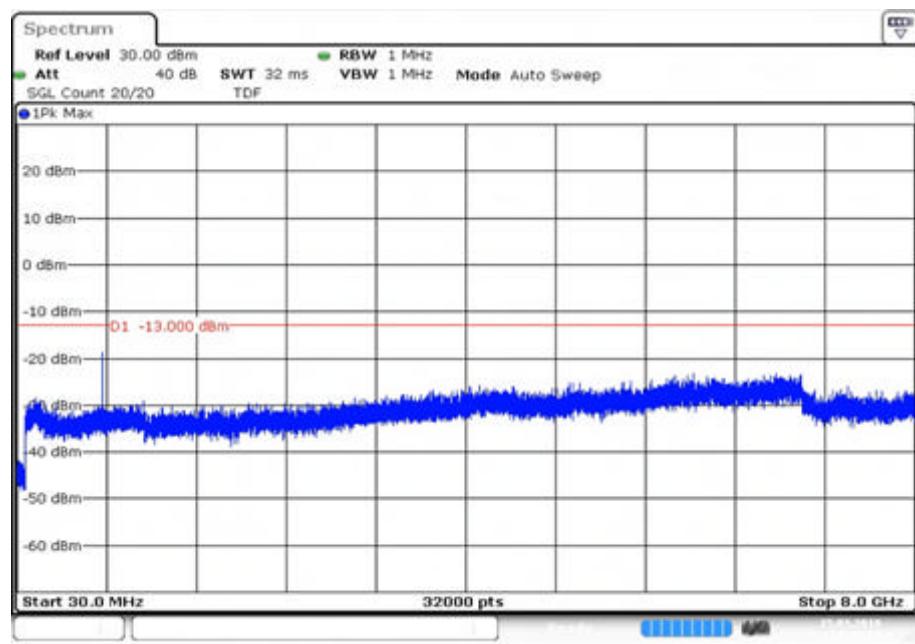


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
14	793	23330	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

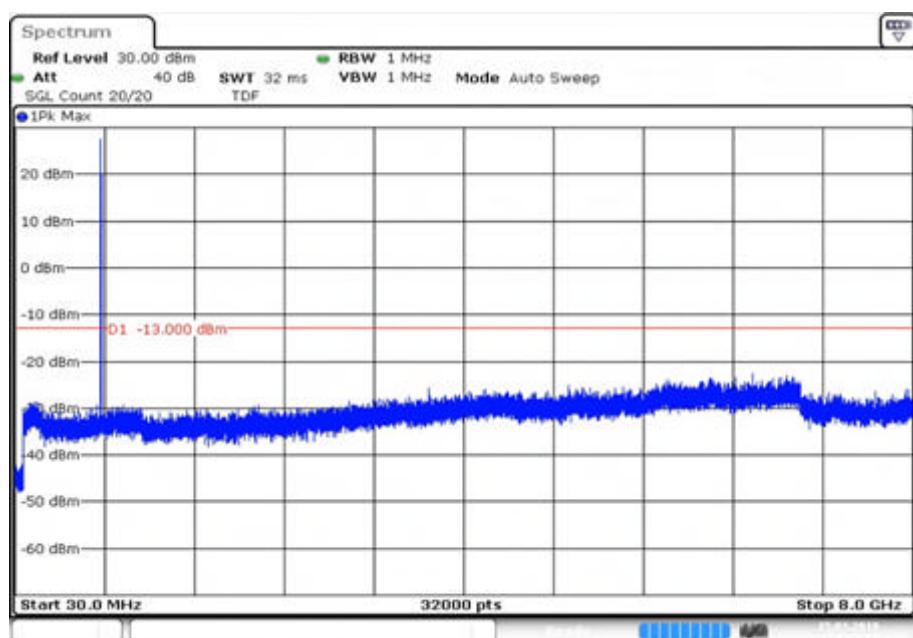


Fig.1

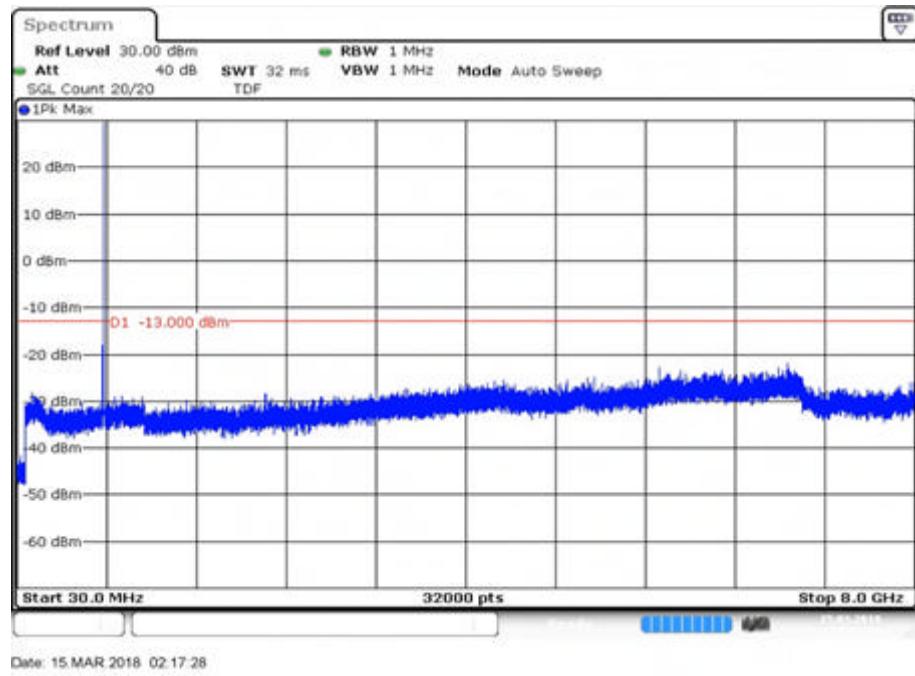


Fig.2

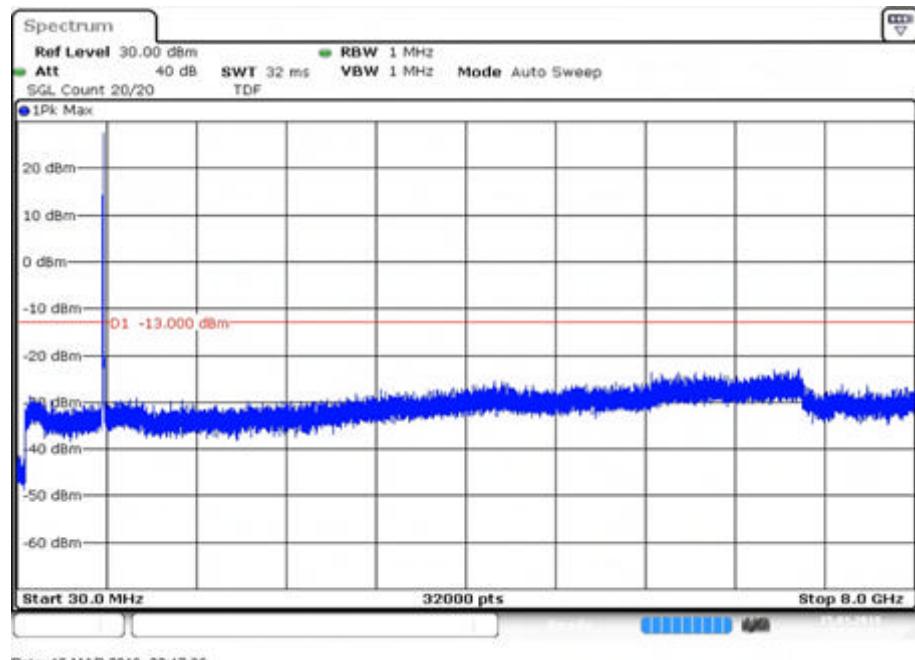
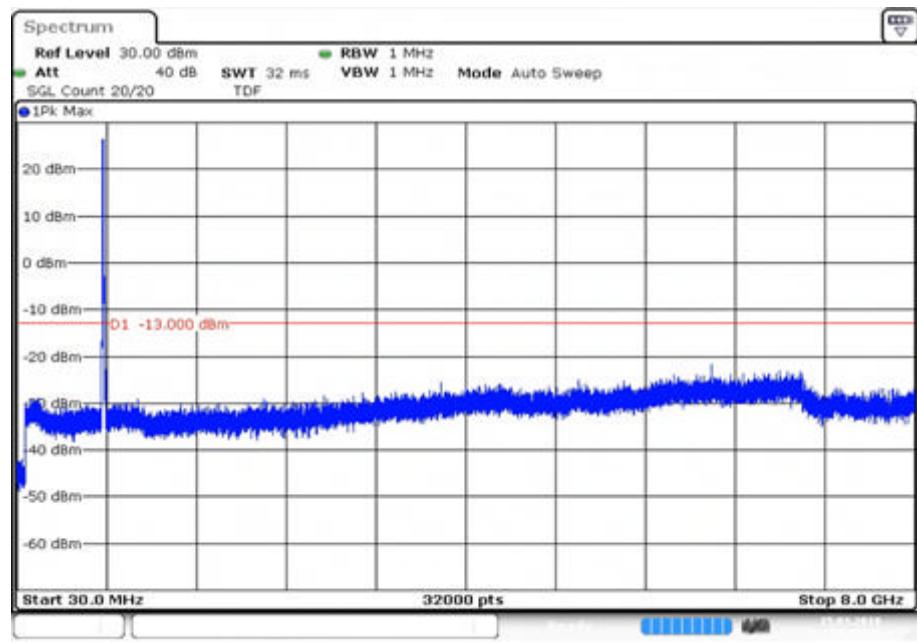
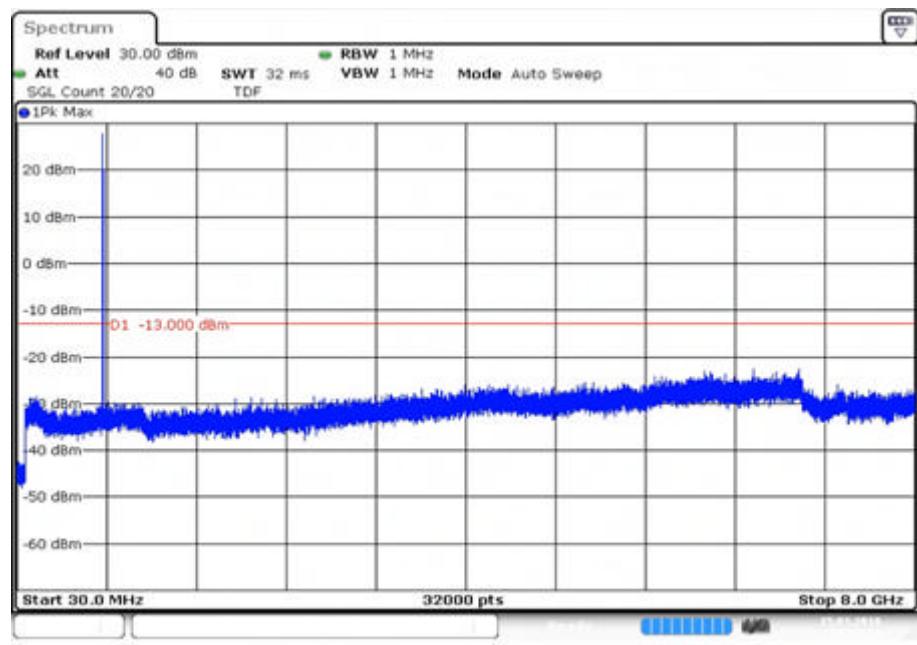


Fig.3



Date: 15.MAR.2018 02:17:45

Fig.4



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Fig.5

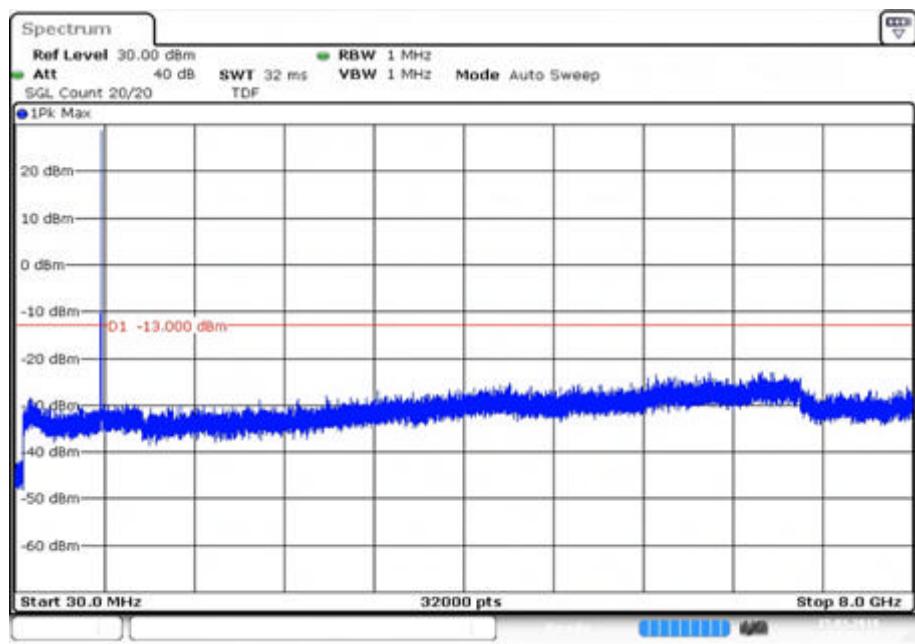


Fig.6

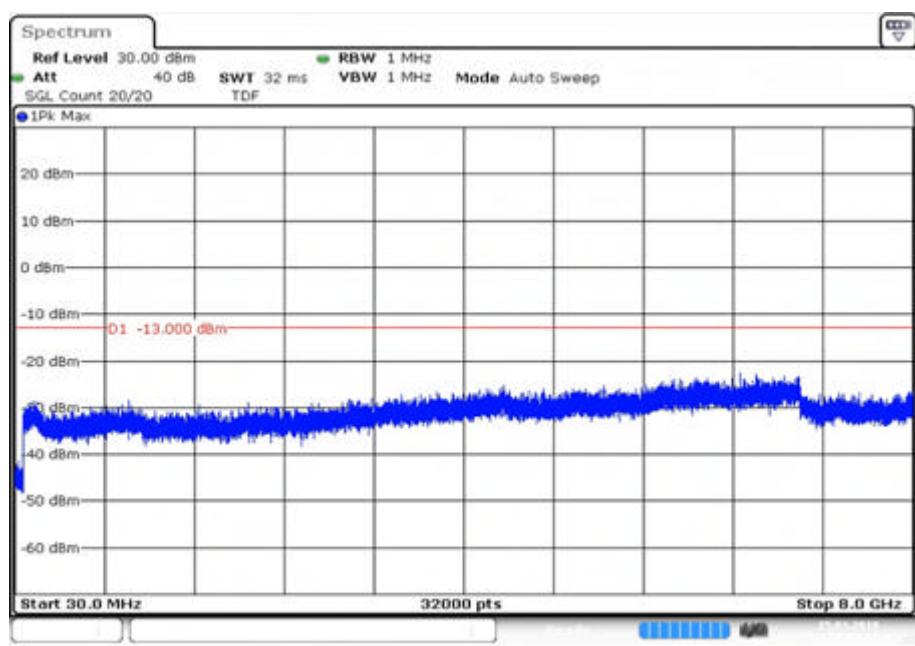
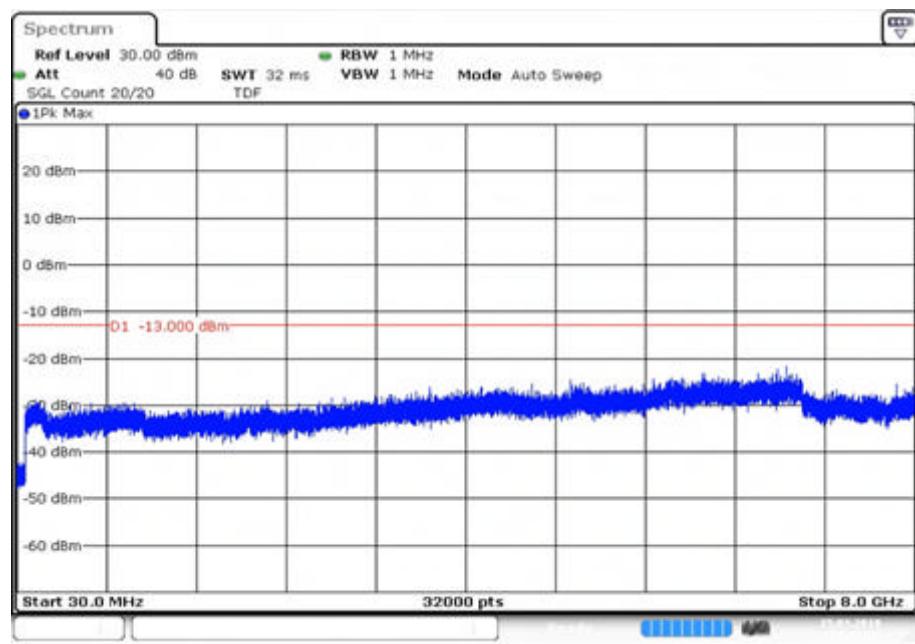


Fig.7



Date: 15.MAR.2018 02:18:44

Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
14	793	23330	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

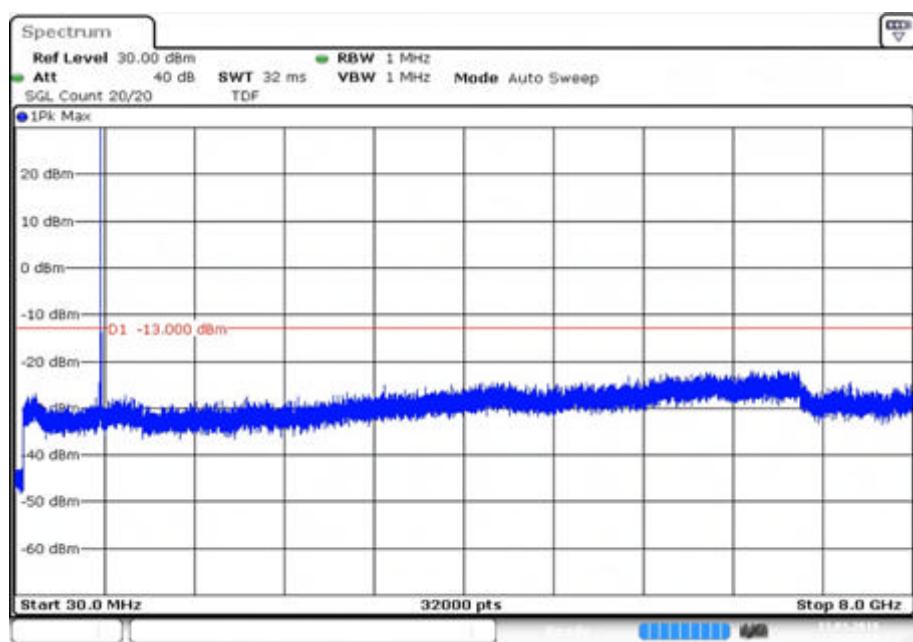


Fig.1

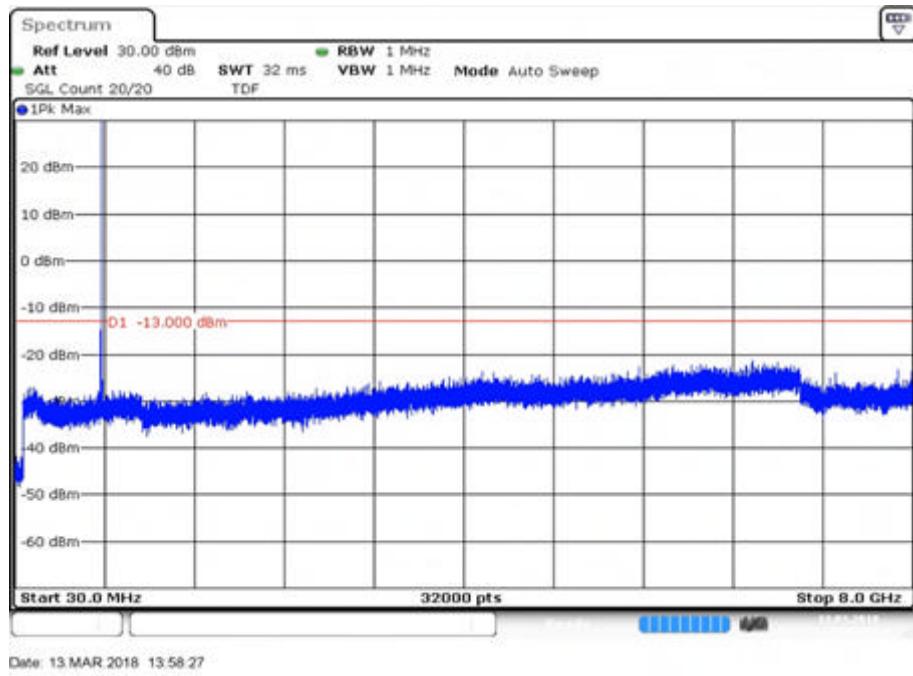


Fig.2

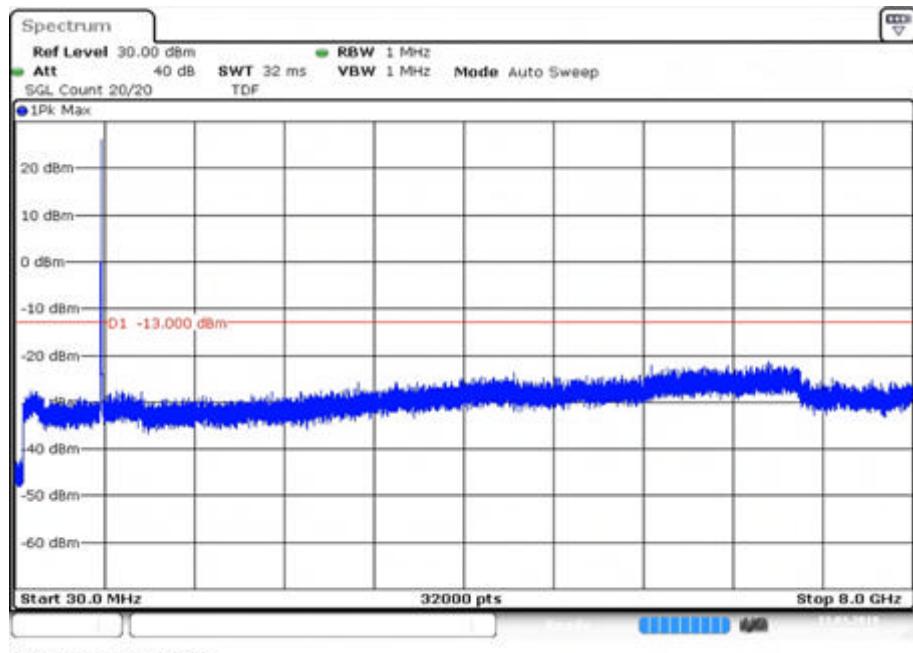


Fig.3