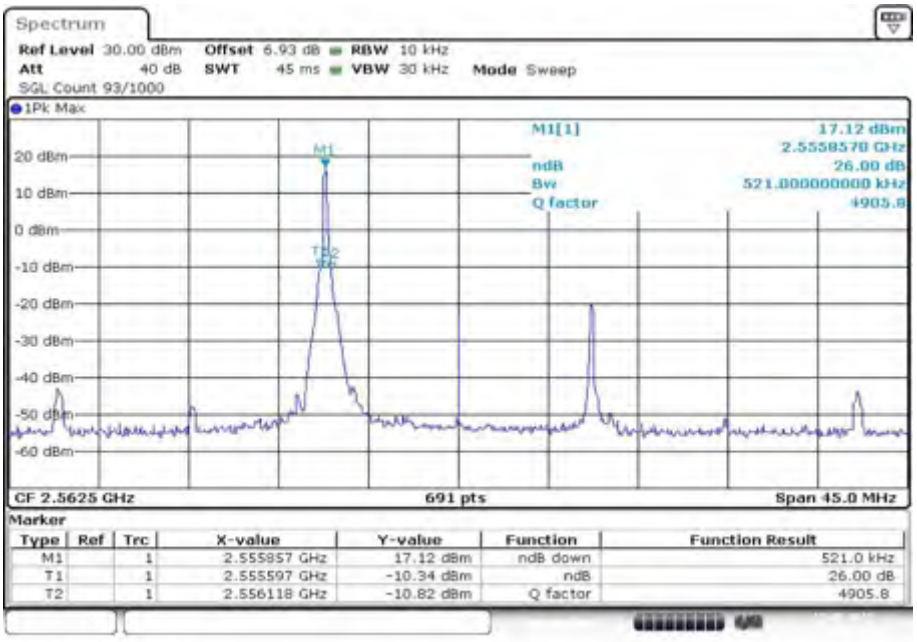


Fig.1

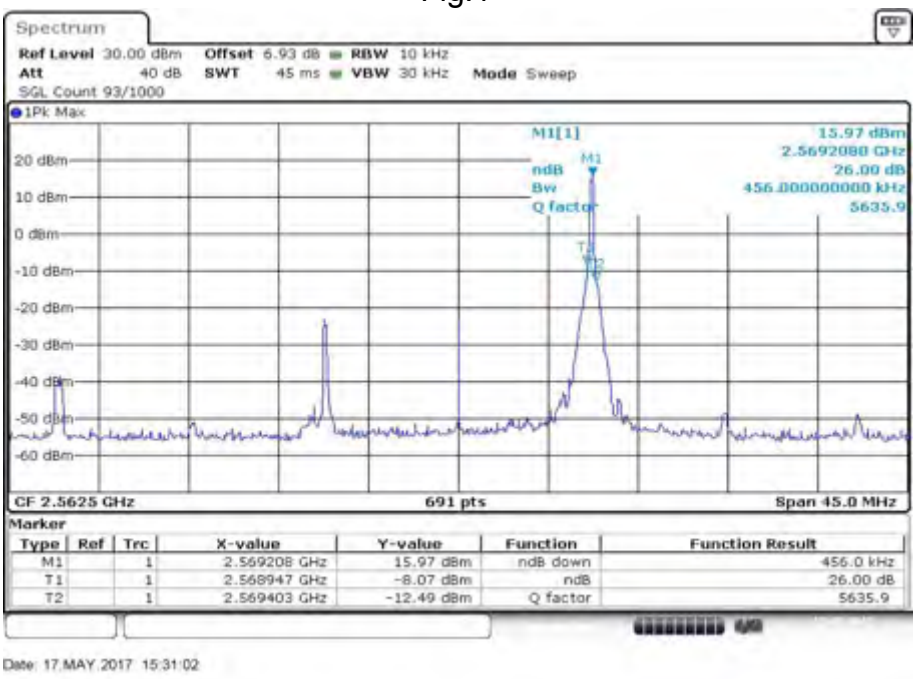


Fig.2

Copyright © SRTC

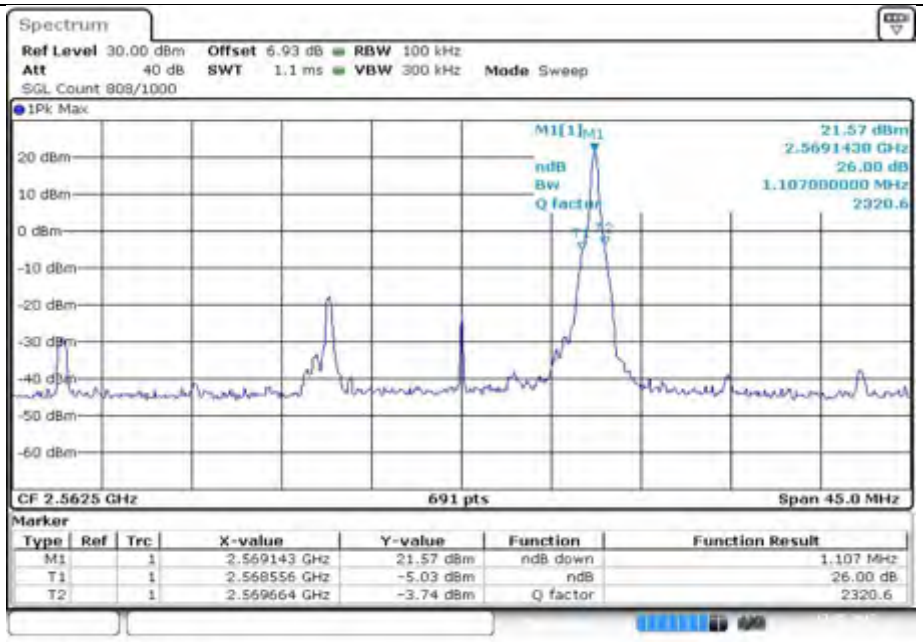


Fig.3

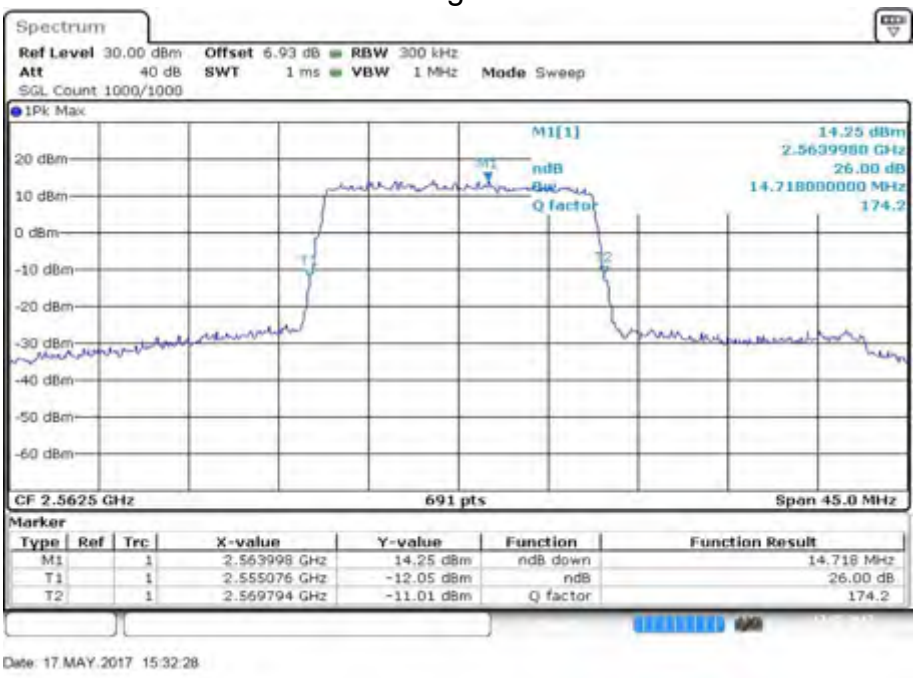


Fig.4

Copyright © SRTC

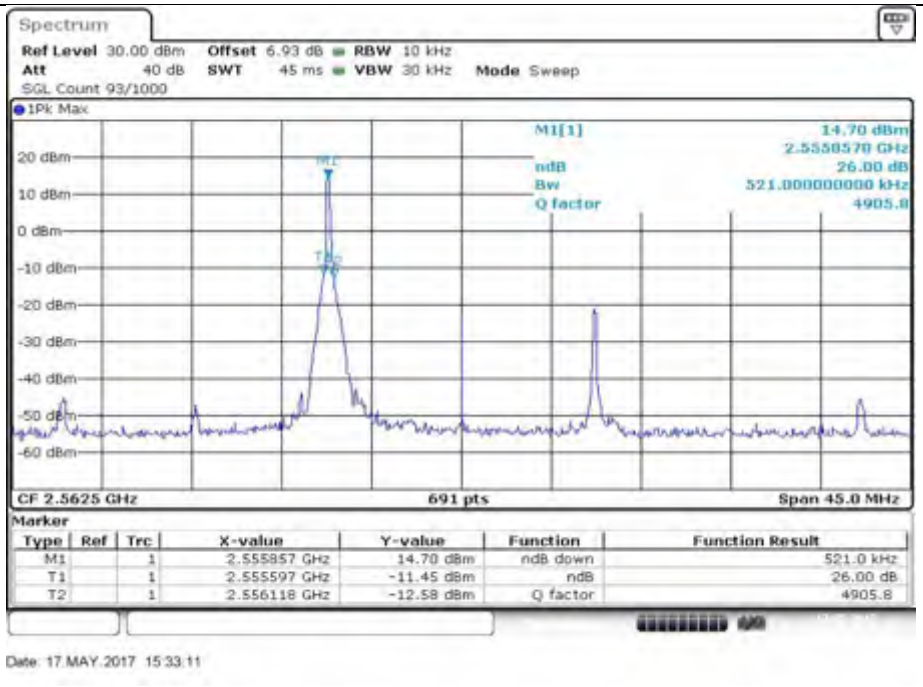


Fig.5

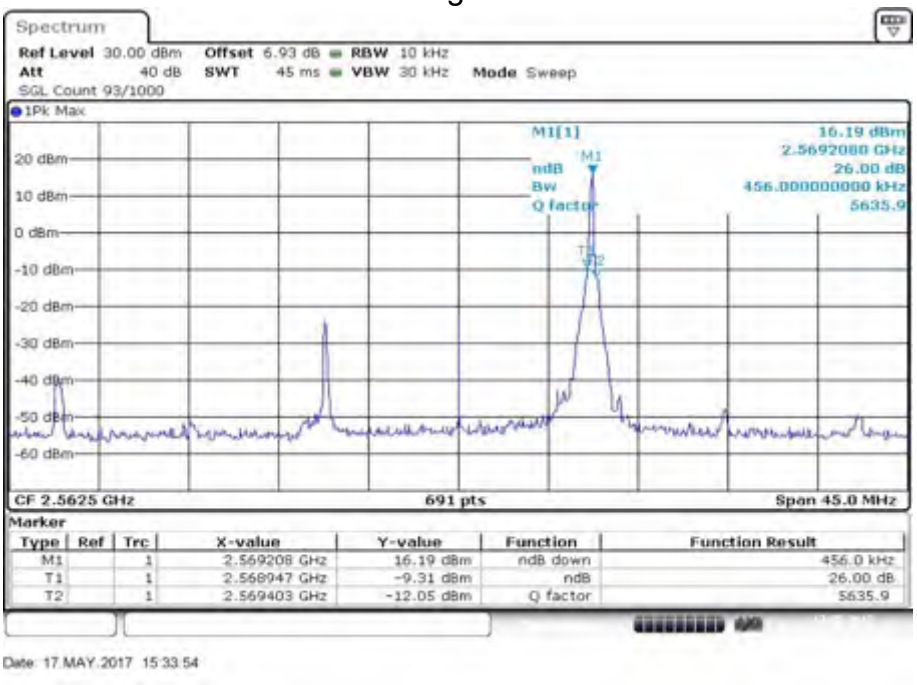


Fig.6

Copyright © SRTC

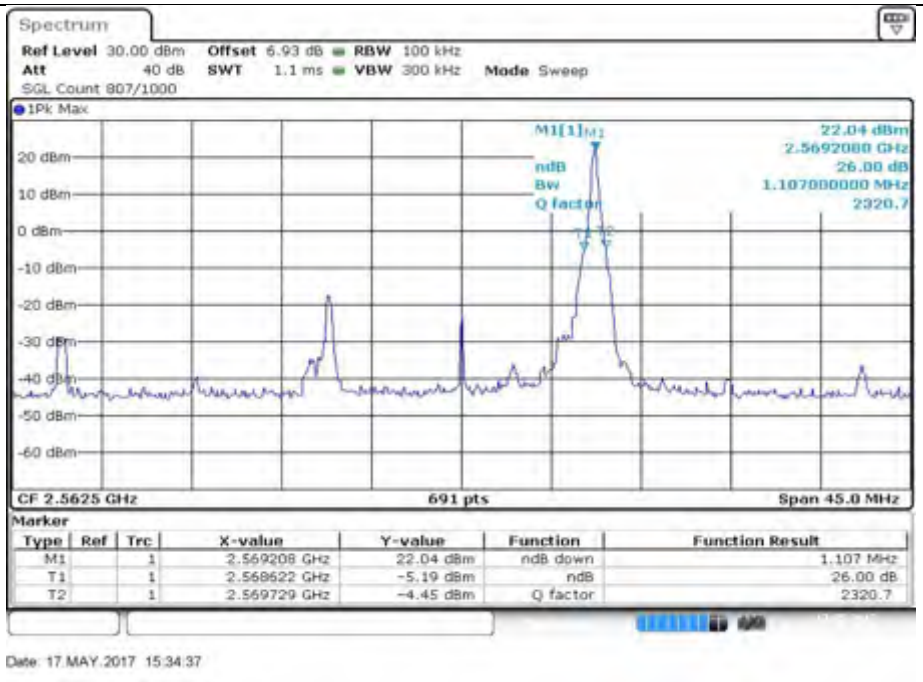


Fig.7

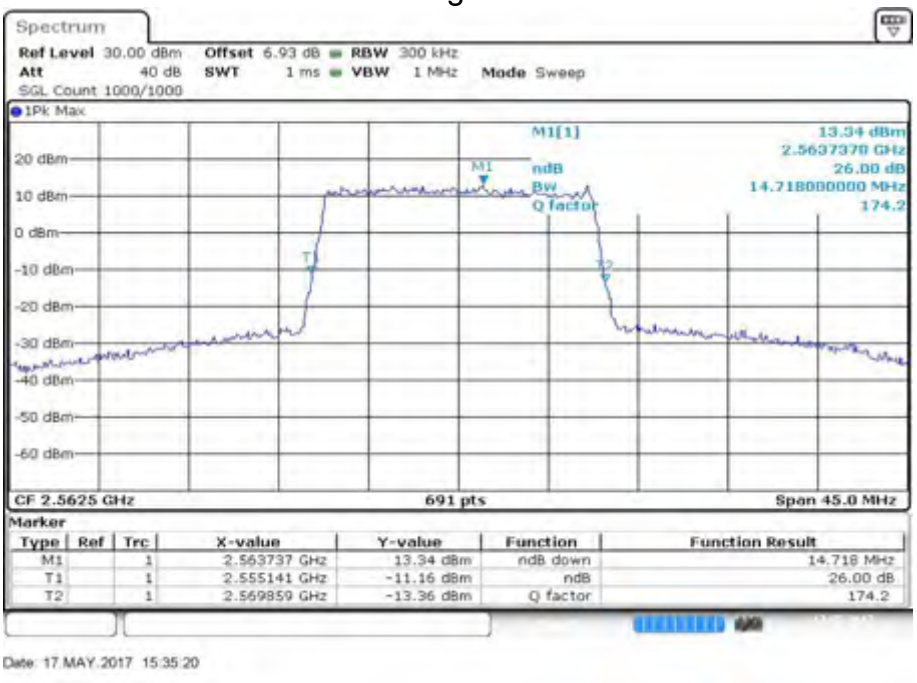


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
7	2510	20850	20	1	0	0.521	Fig.1	0.521	Fig.5
				1	99	0.521	Fig.2	0.521	Fig.6
				50	25	10.593	Fig.3	10.507	Fig.7
				100	0	19.103	Fig.4	19.363	Fig.8

Copyright © SRTC

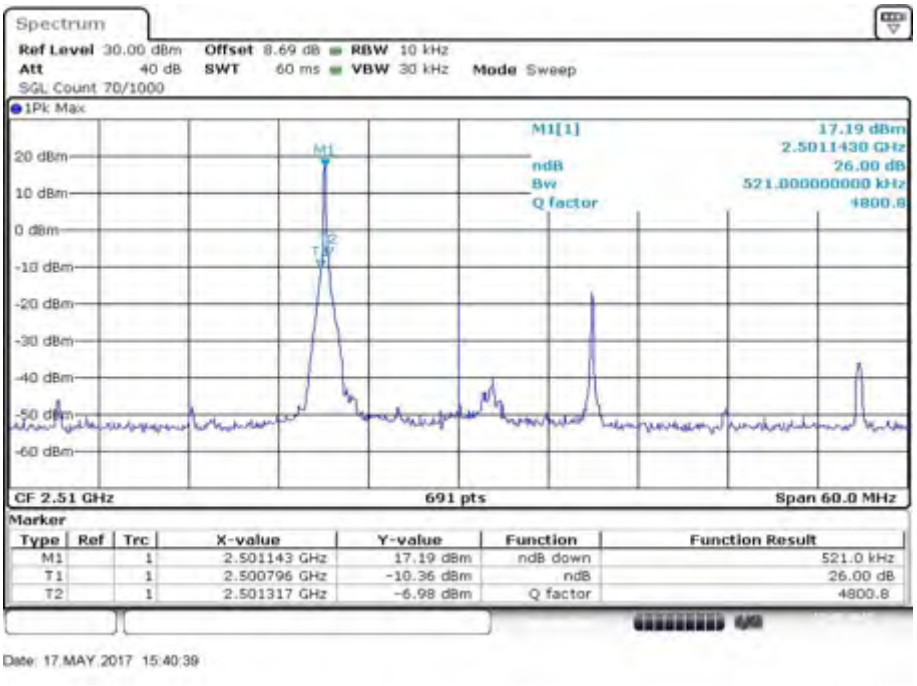


Fig.1

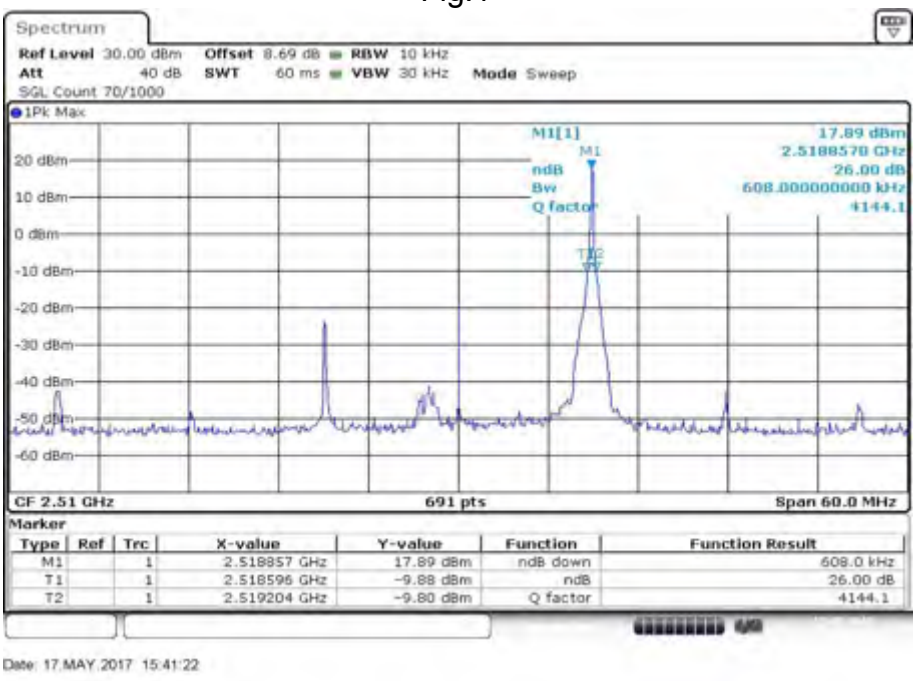


Fig.2

Copyright © SRTC

Fig.3

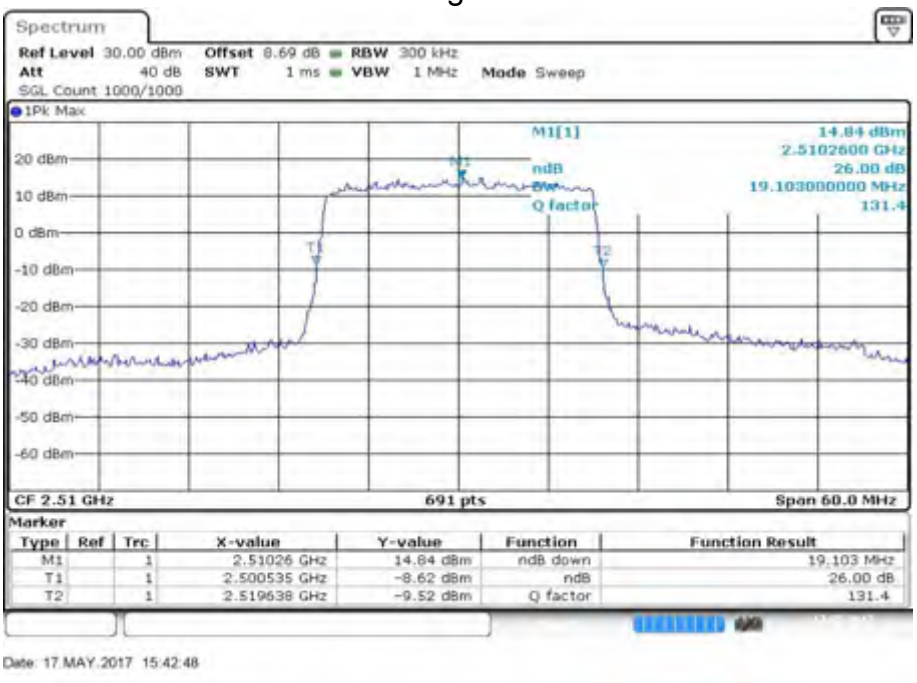


Fig.4

Copyright © SRTC

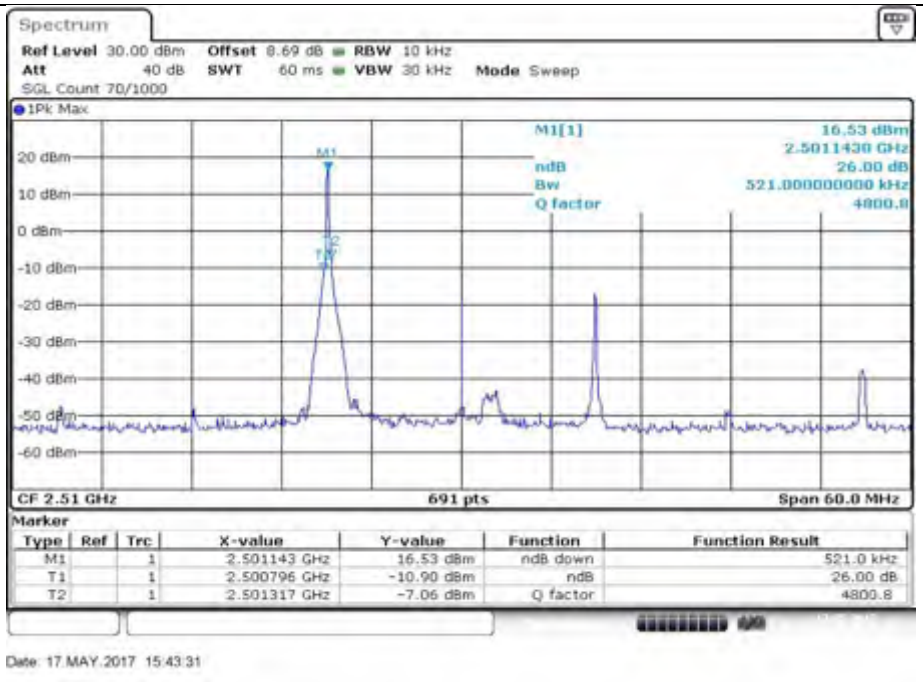


Fig.5

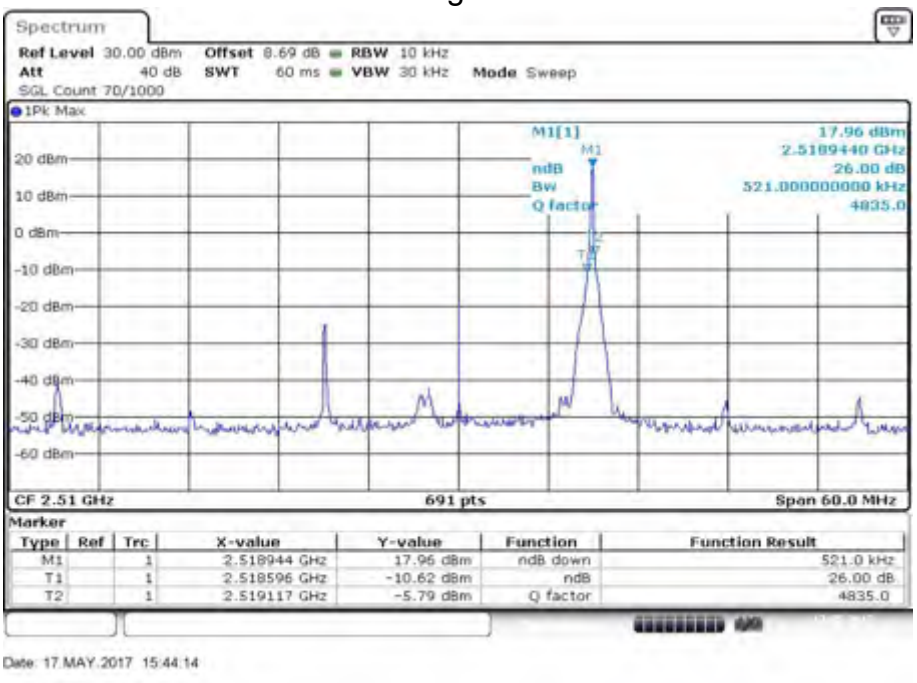


Fig.6

Copyright © SRTC

Fig.7

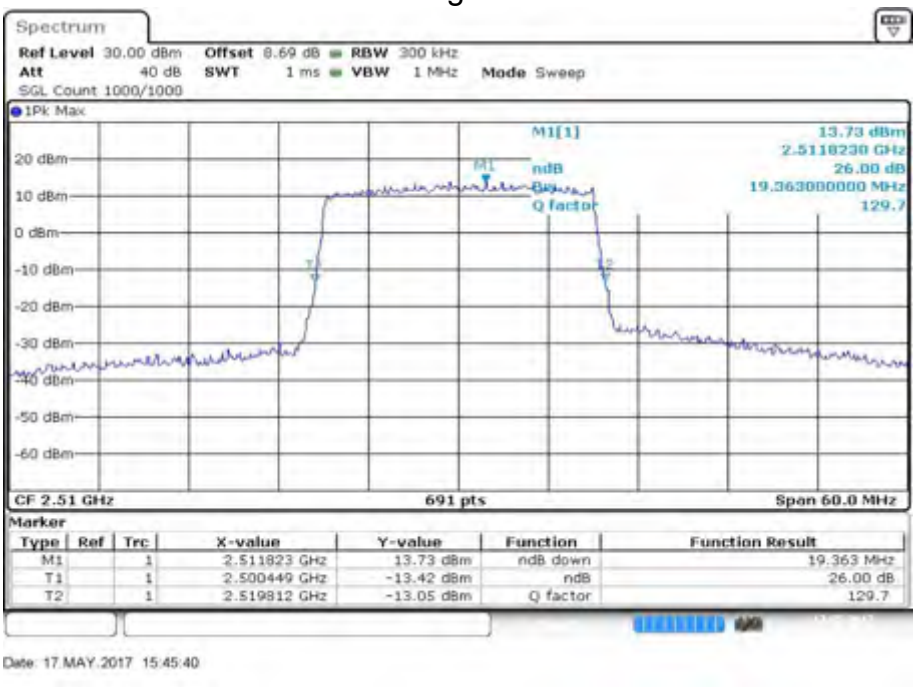


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
7	2535	21100	20	1	0	0.608	Fig.1	0.521	Fig.5
				1	99	0.434	Fig.2	0.521	Fig.6
				50	25	10.333	Fig.3	10.420	Fig.7
				100	0	19.276	Fig.4	19.363	Fig.8

Copyright © SRTC

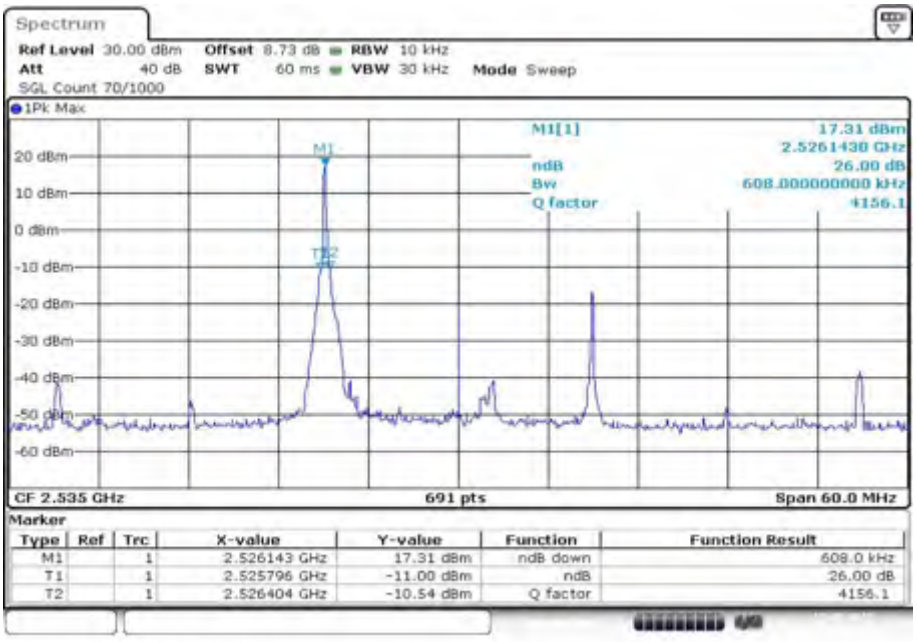


Fig.1

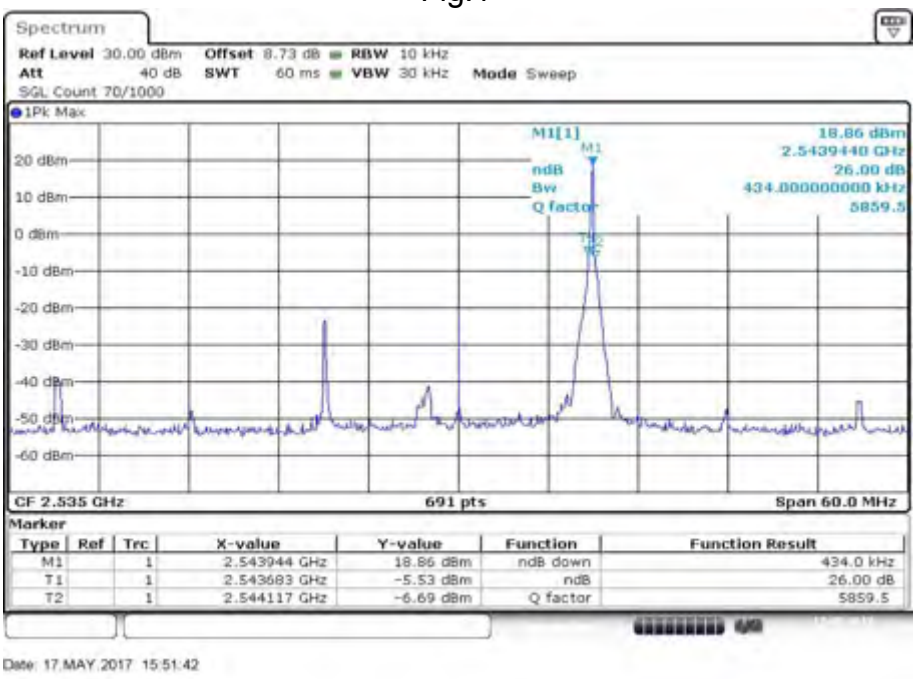


Fig.2

Copyright © SRTC

Fig.3

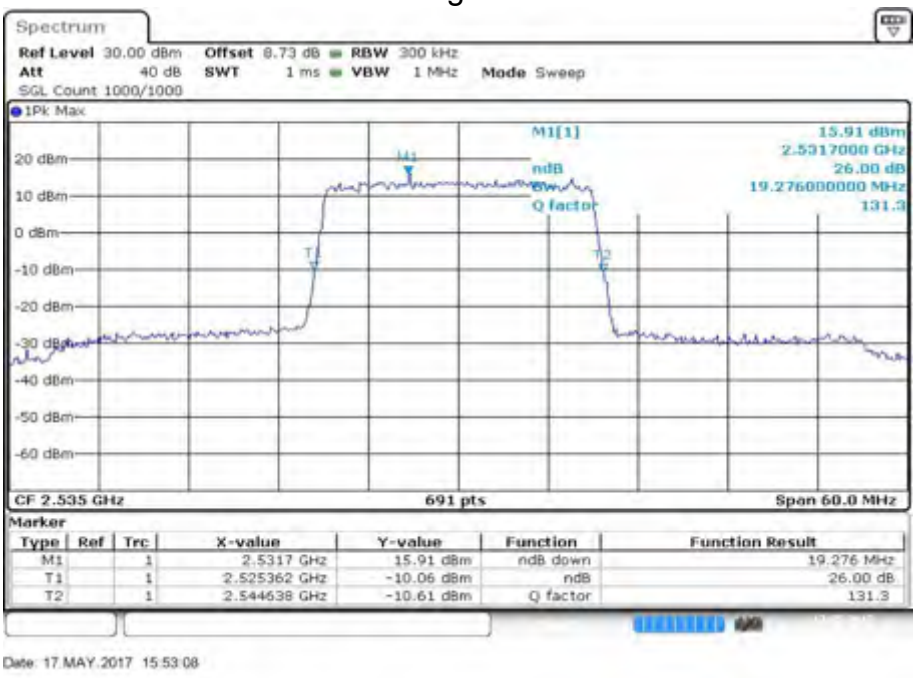


Fig.4

Copyright © SRTC

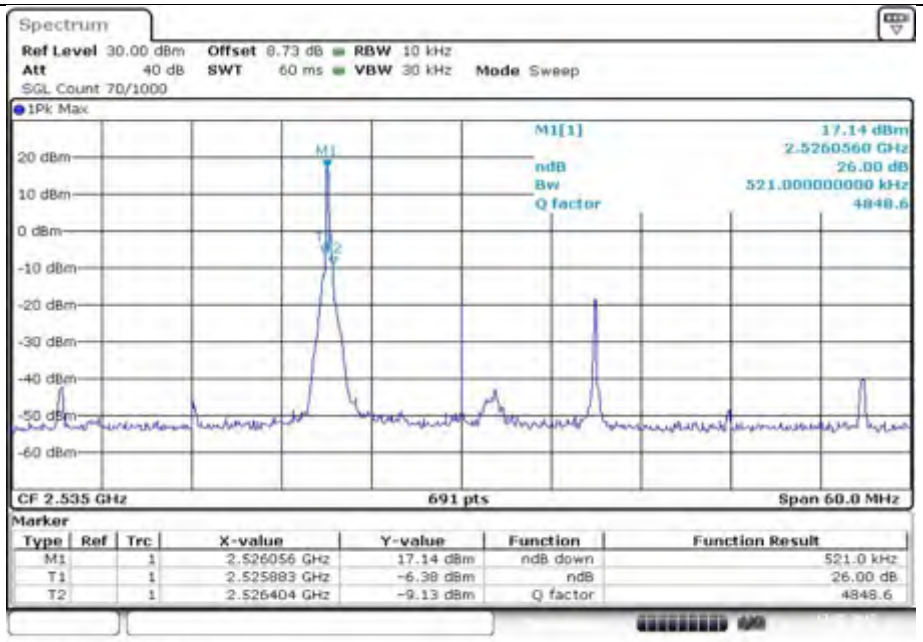


Fig.5

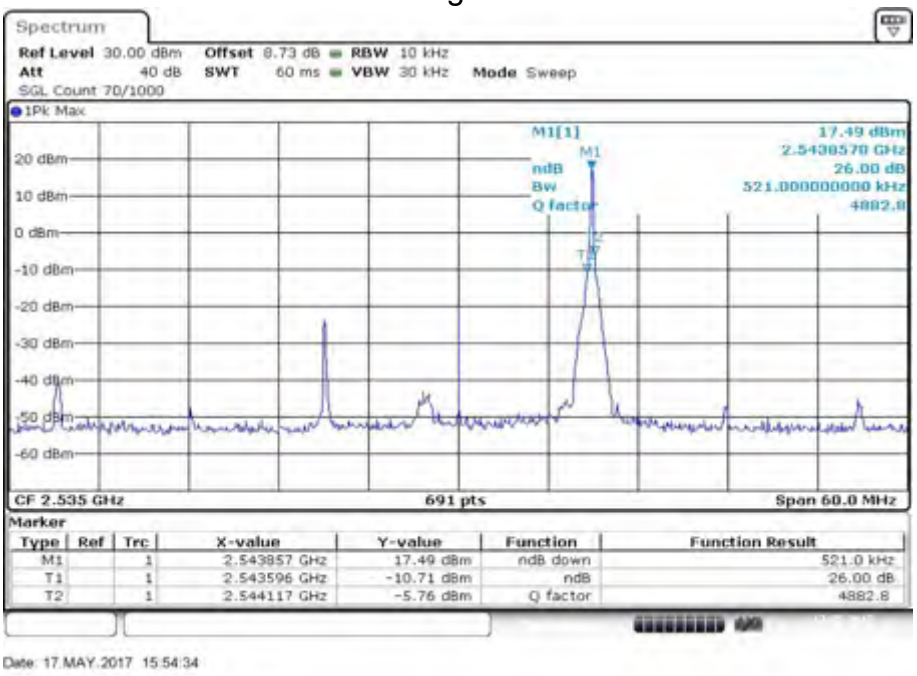


Fig.6

Copyright © SRTC

Fig.7

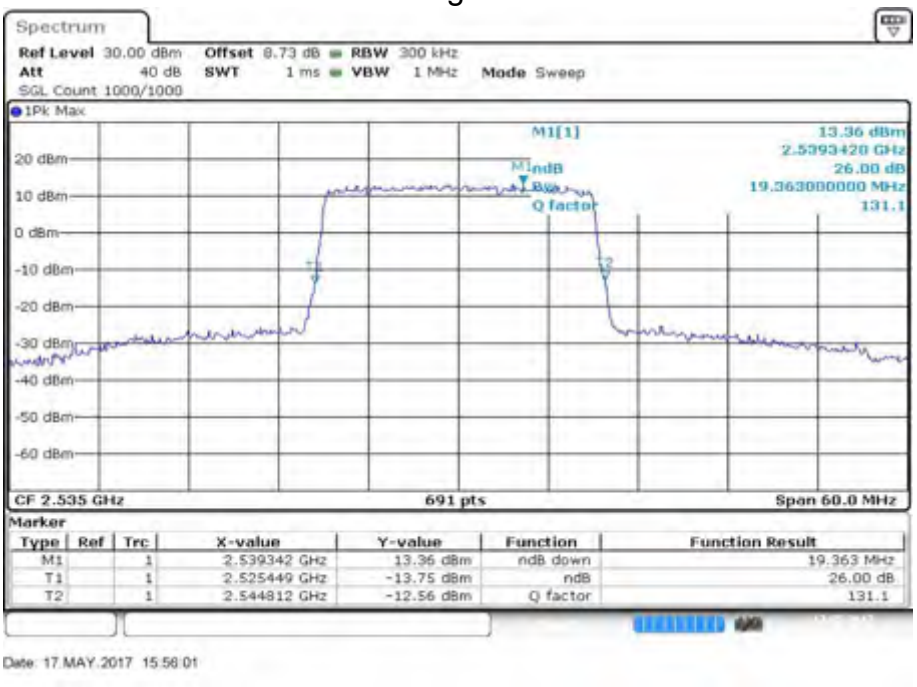


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
7	2560	21350	20	1	0	0.521	Fig.1	0.434	Fig.5
				1	99	0.521	Fig.2	0.608	Fig.6
				50	25	10.507	Fig.3	10.507	Fig.7
				100	0	19.276	Fig.4	19.276	Fig.8

Copyright © SRTC

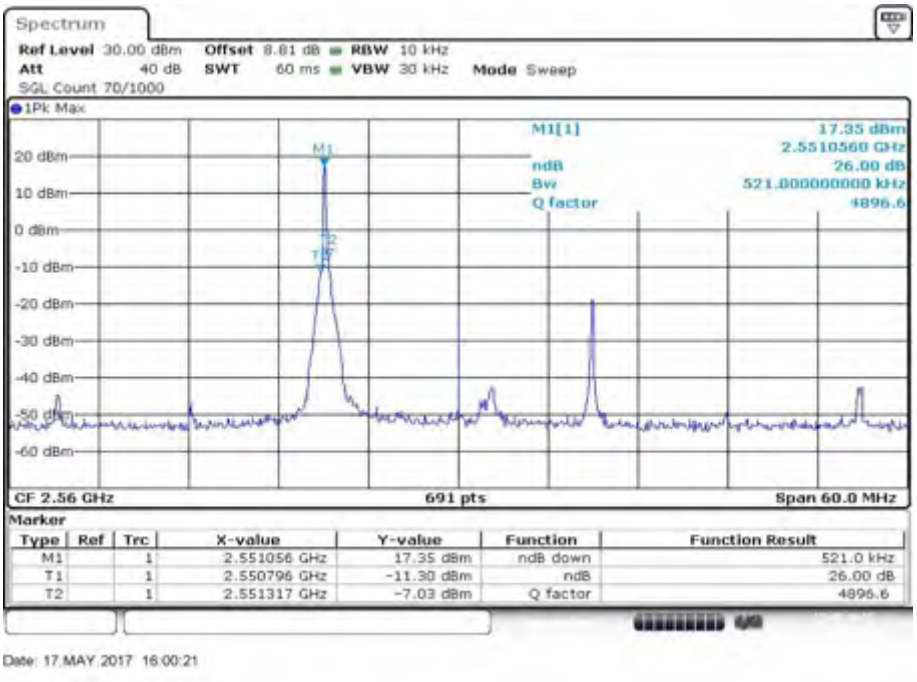


Fig.1

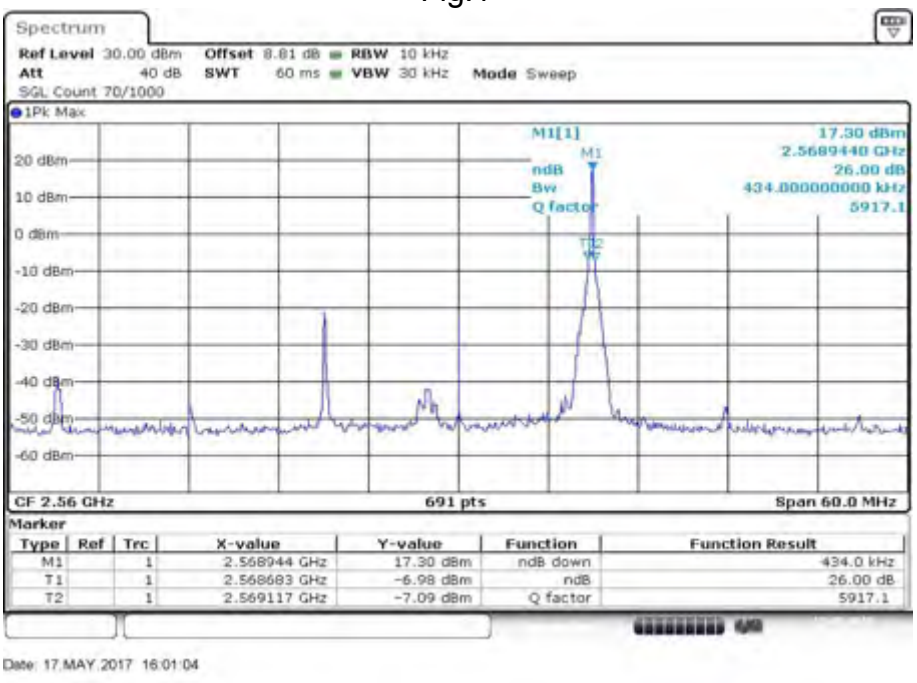


Fig.2

Copyright © SRTC

Fig.3

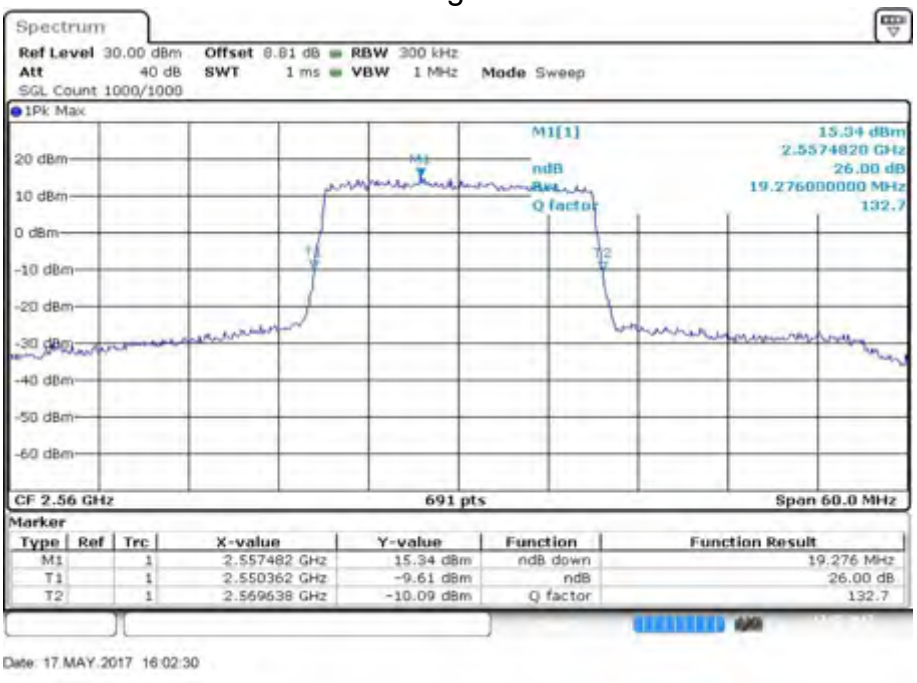


Fig.4

Copyright © SRTC

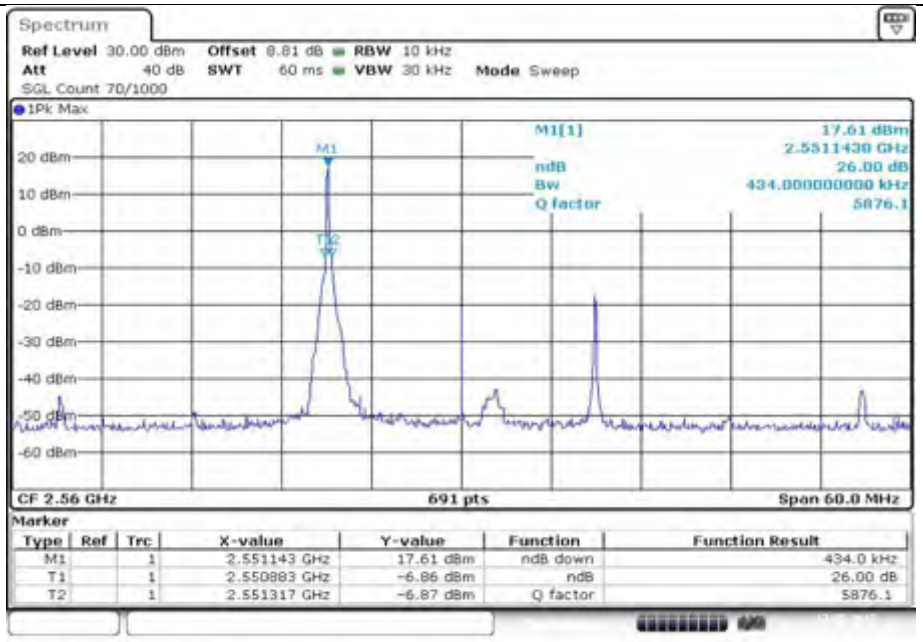


Fig.5

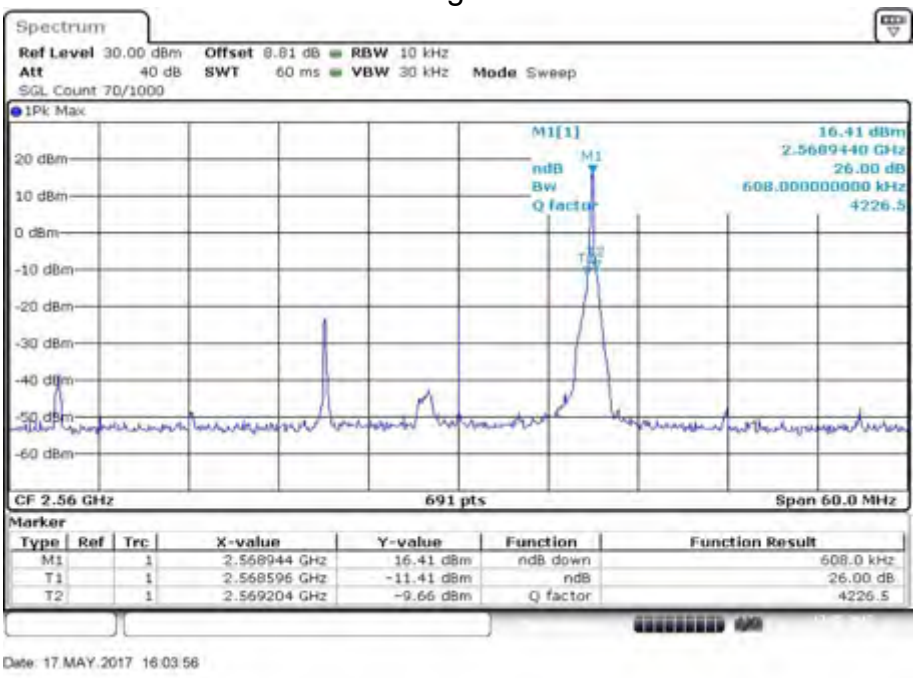


Fig.6

Copyright © SRTC

Fig.7

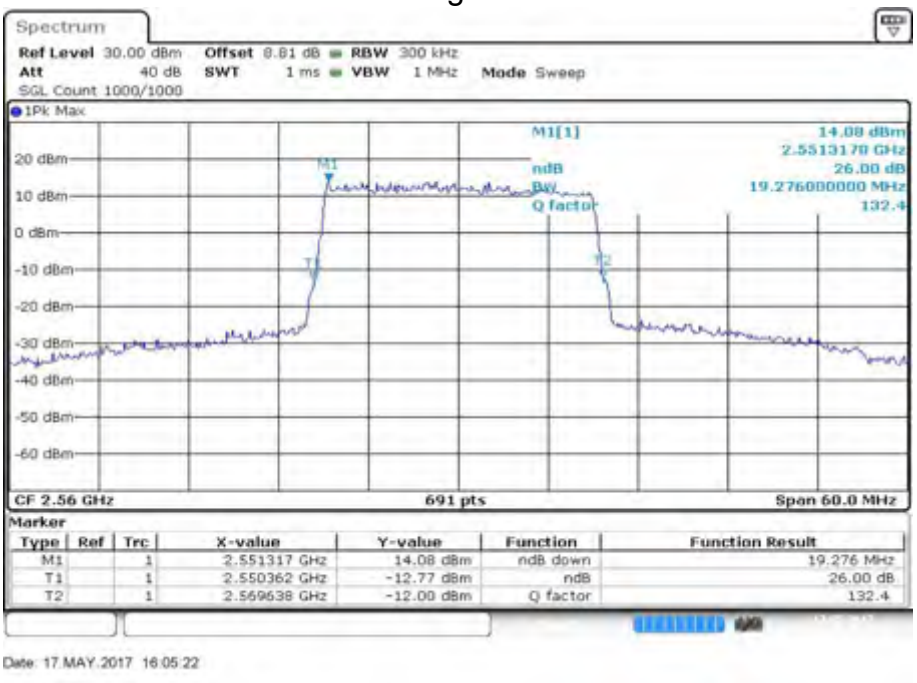


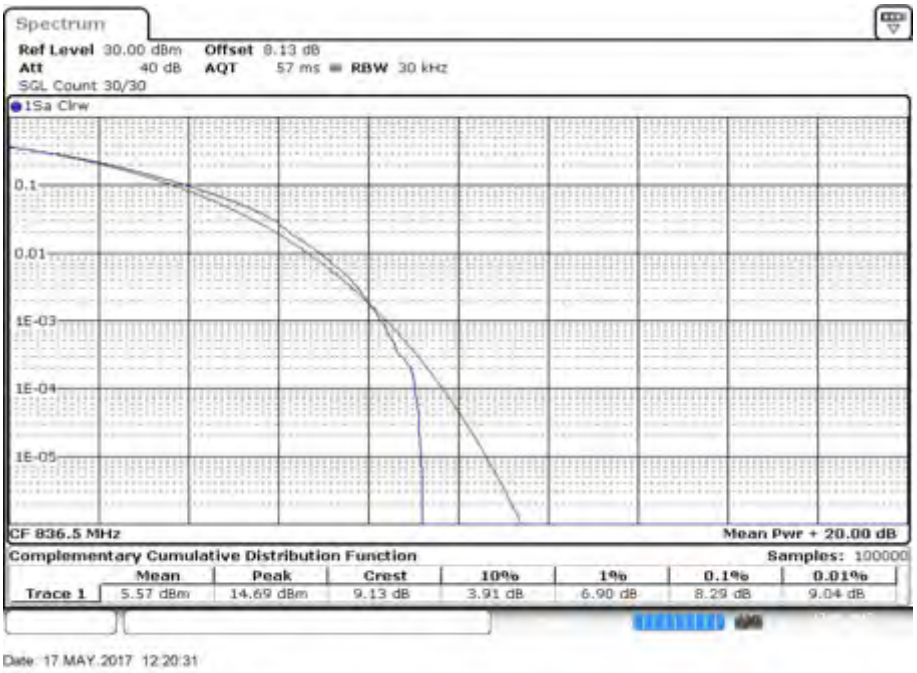
Fig.8

Copyright © SRTC

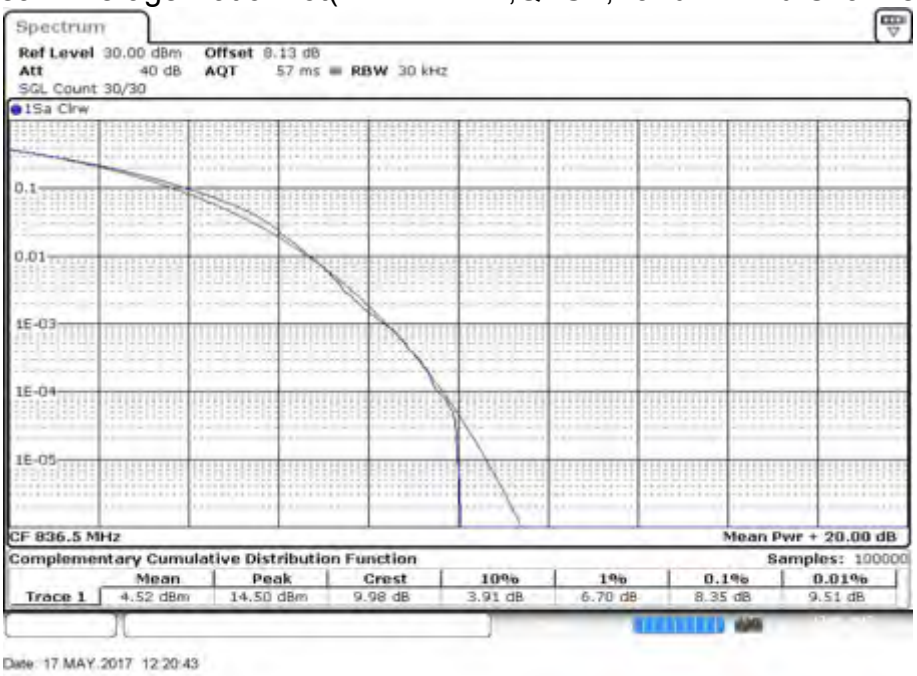
4 Peak-Average Ratio -FCC Part 27.50(d)(5)

Test result:

Copyright © SRTC

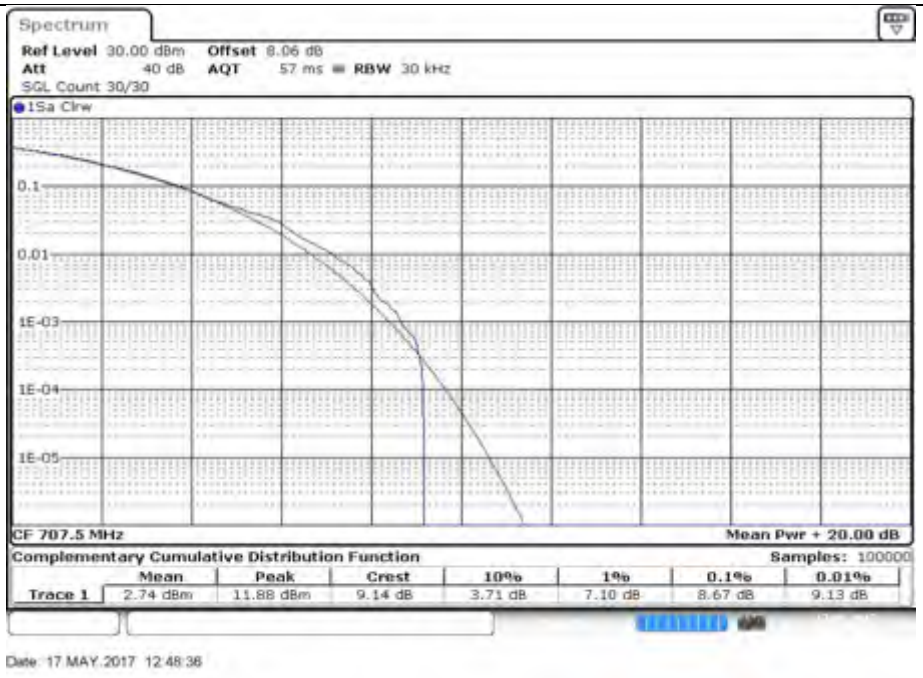


Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 12-mid Channel)

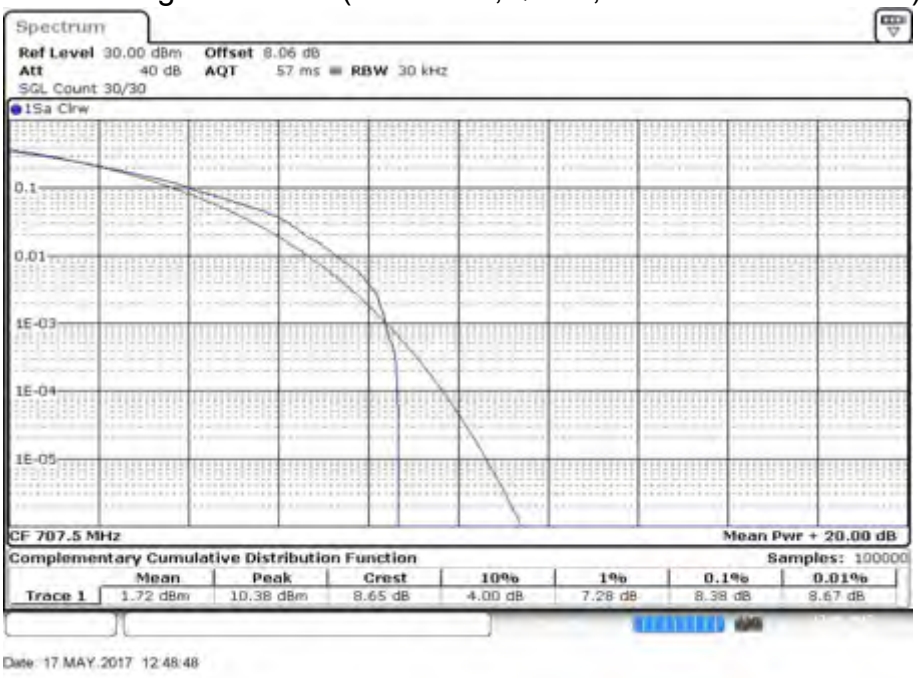


Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 12-mid Channel)

Copyright © SRTC

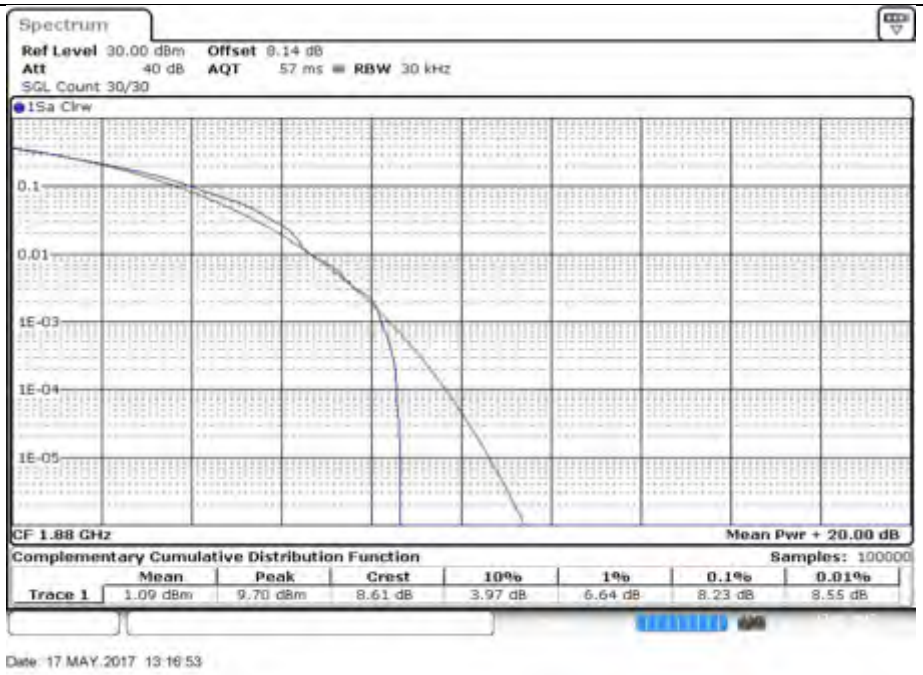


Peak-Average Ratio Plot(3MHz BW,QPSK,Band 12-mid Channel)

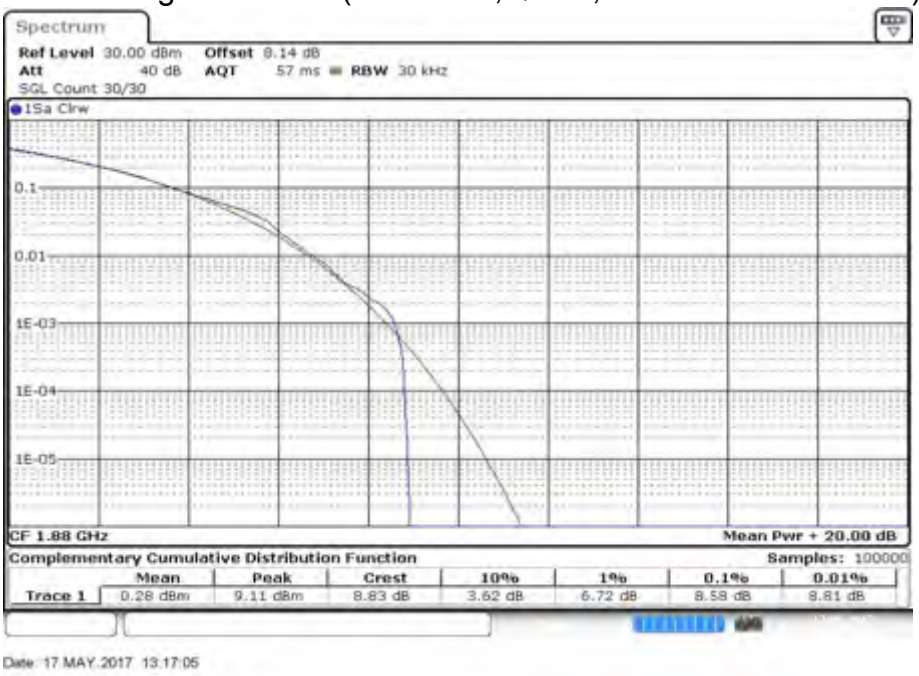


Peak-Average Ratio Plot(3MHz BW,16QAM,Band 12-mid Channel)

Copyright © SRTC

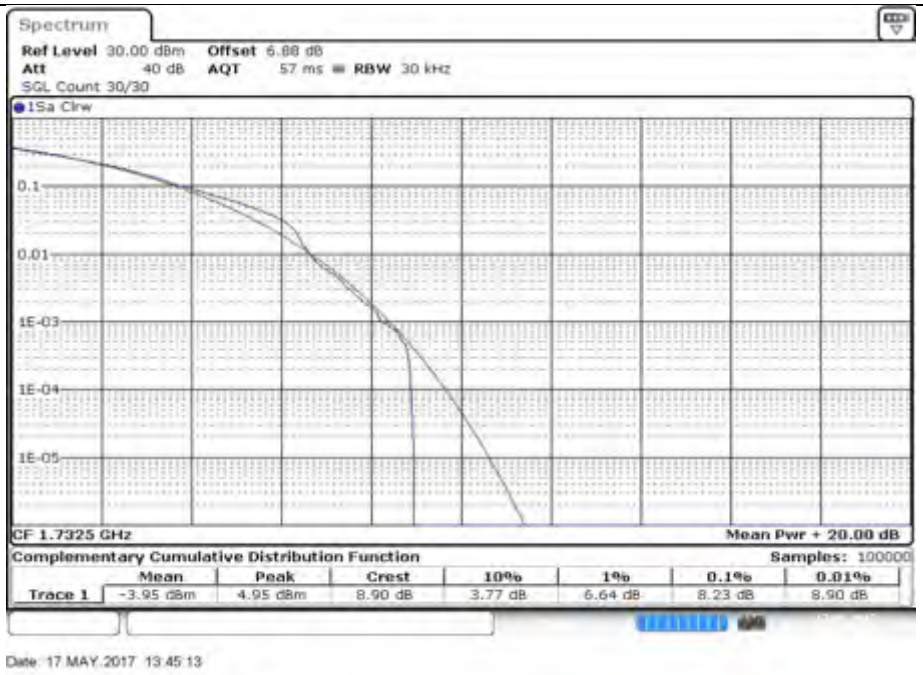


Peak-Average Ratio Plot(5MHz BW,QPSK,Band 12-mid Channel)

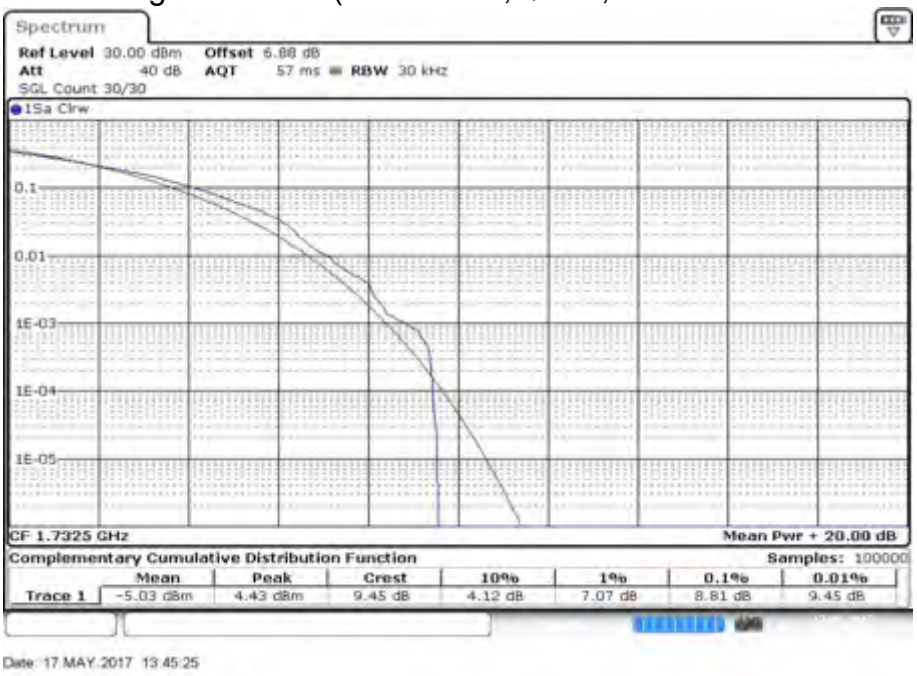


Peak-Average Ratio Plot(5MHz BW,16QAM,Band 12-mid Channel)

Copyright © SRTC

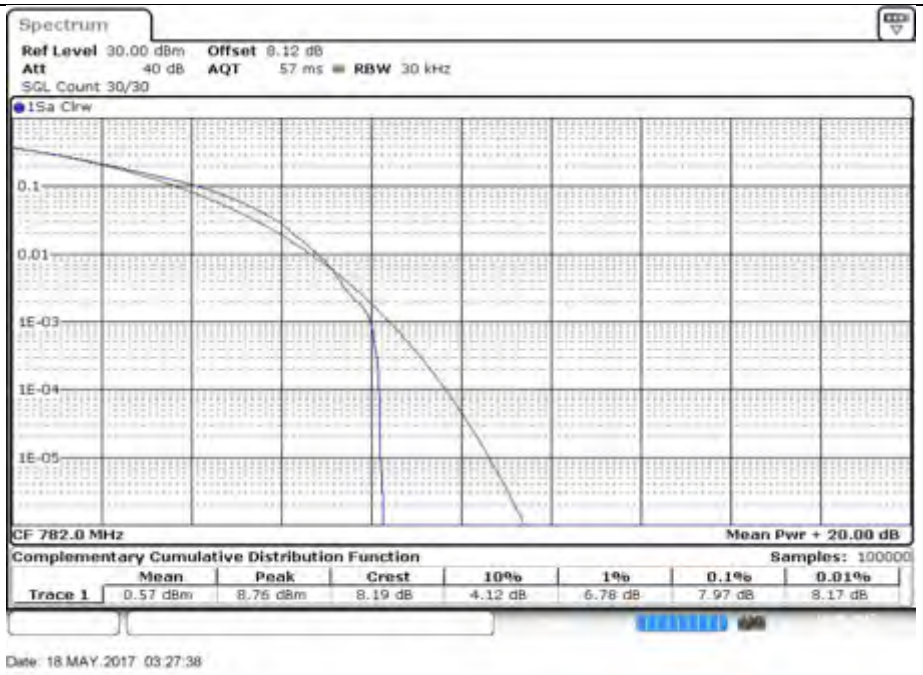


Peak-Average Ratio Plot(10MHz BW,QPSK,Band 12-mid Channel)

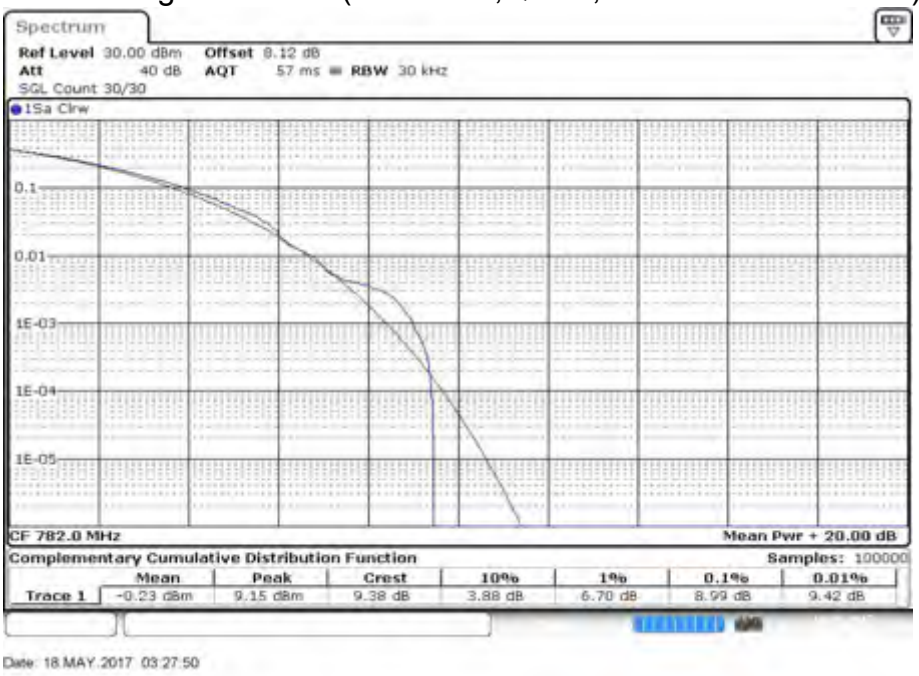


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 12-mid Channel)

Copyright © SRTC

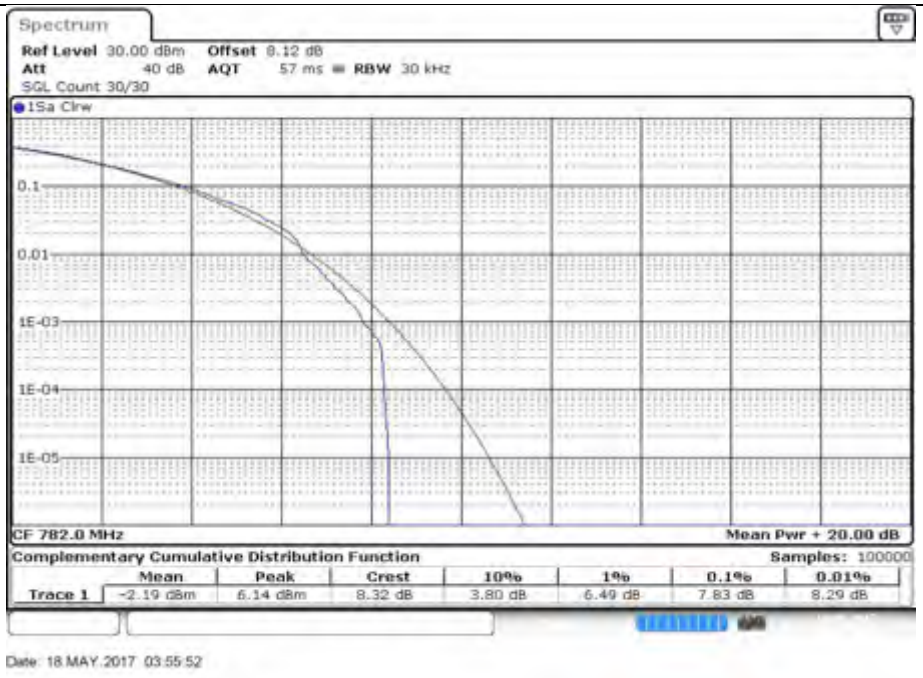


Peak-Average Ratio Plot(5MHz BW,QPSK,Band 13-mid Channel)

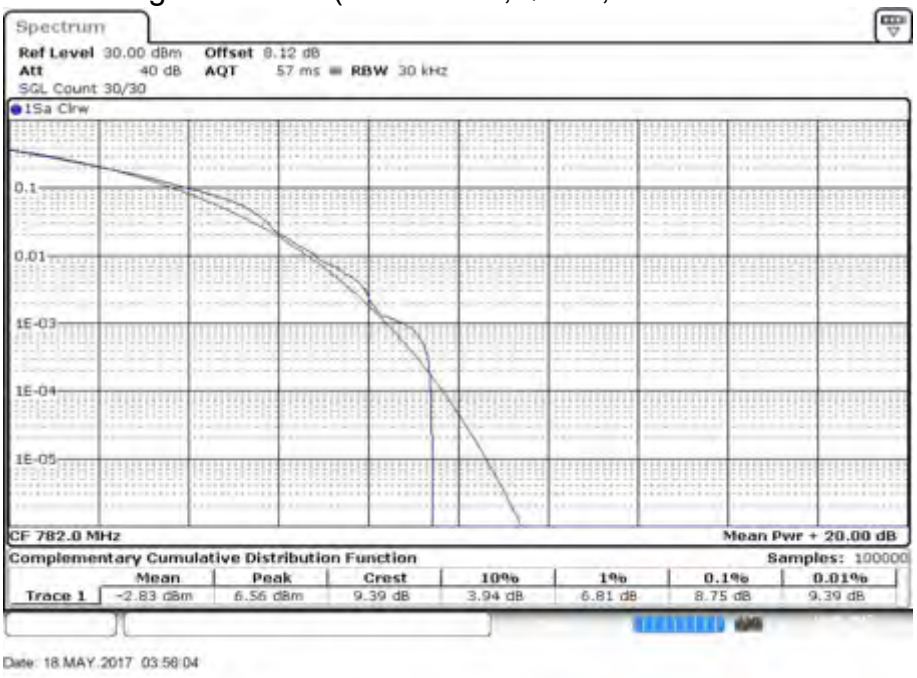


Peak-Average Ratio Plot(5MHz BW,16QAM,Band 13-mid Channel)

Copyright © SRTC

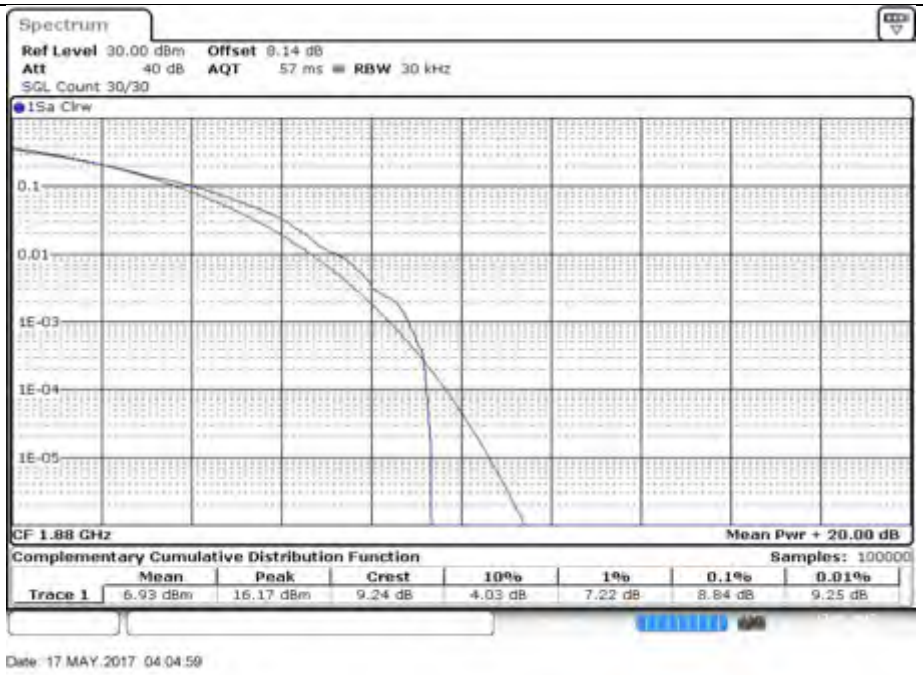


Peak-Average Ratio Plot(10MHz BW,QPSK,Band 13-mid Channel)

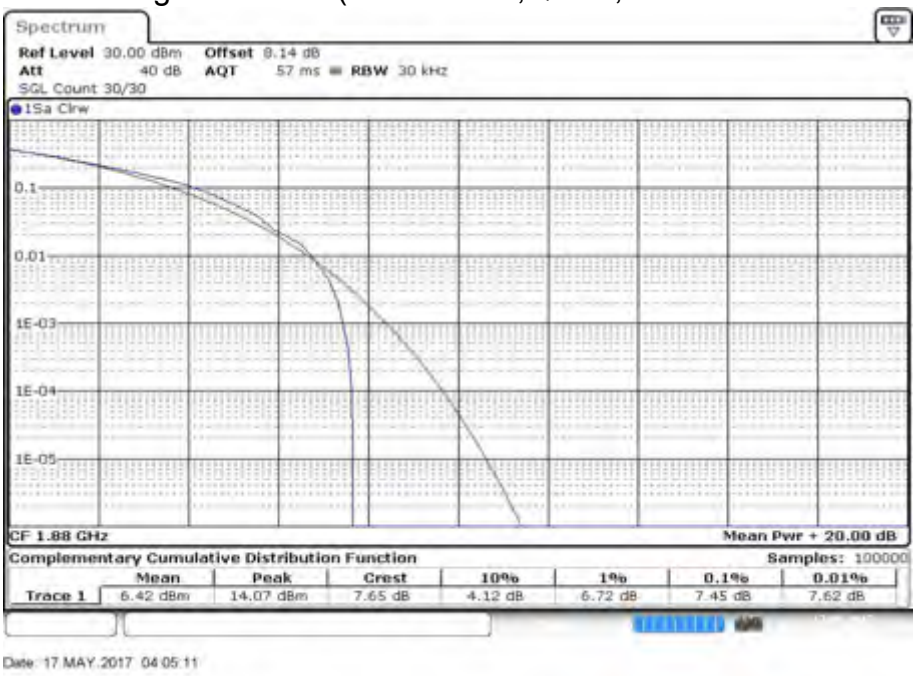


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 13-mid Channel)

Copyright © SRTC

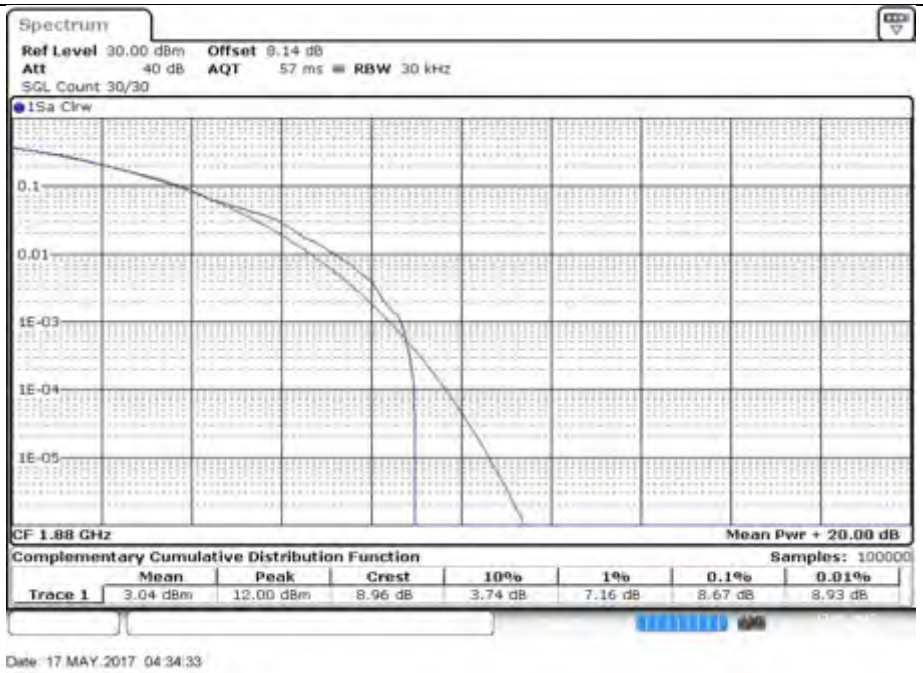


Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 2-mid Channel)

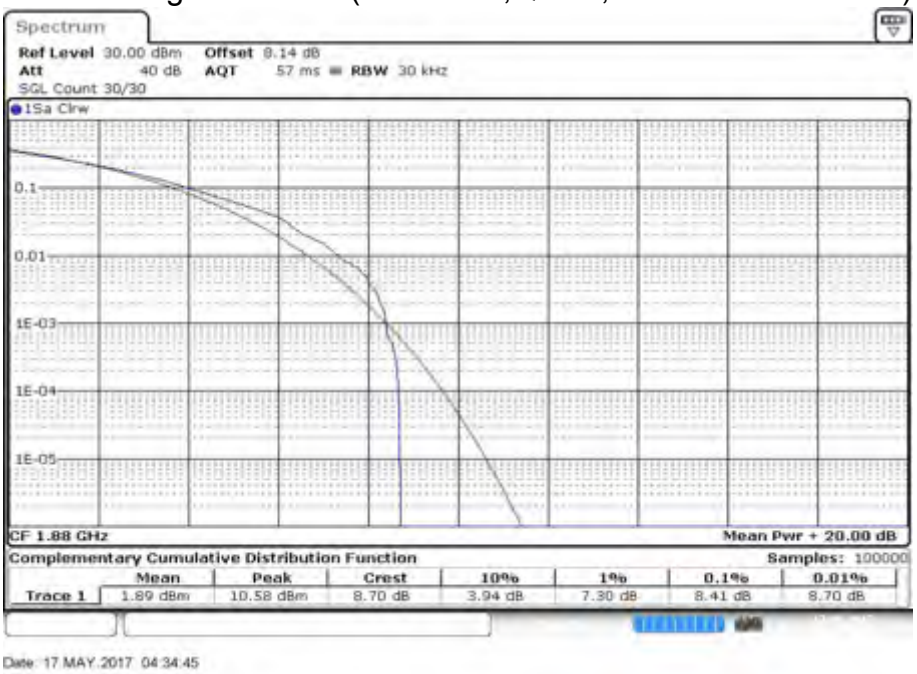


Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 2-mid Channel)

Copyright © SRTC

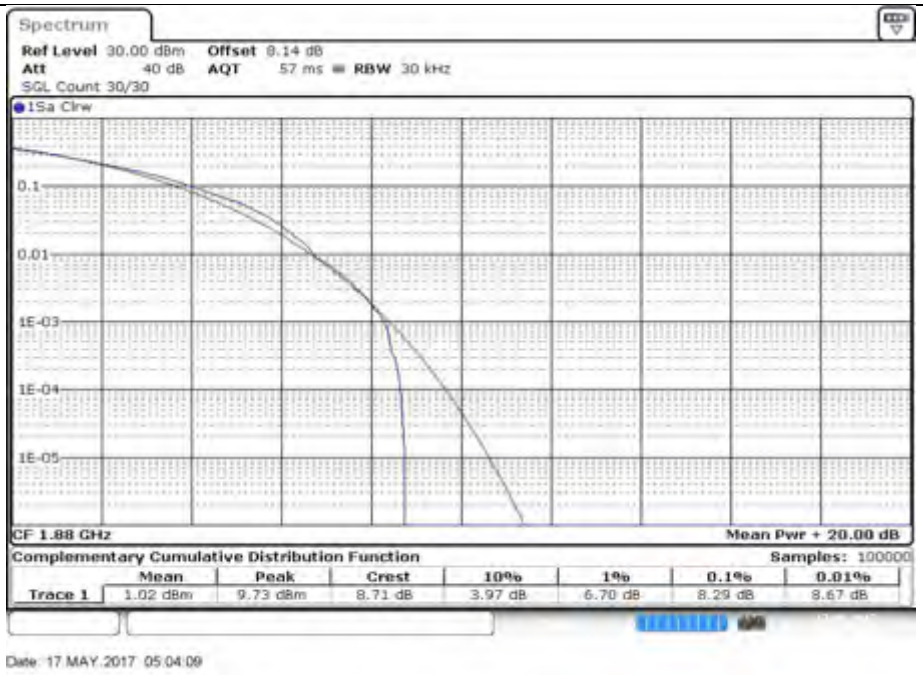


Peak-Average Ratio Plot(3MHz BW,QPSK,Band 2-mid Channel)

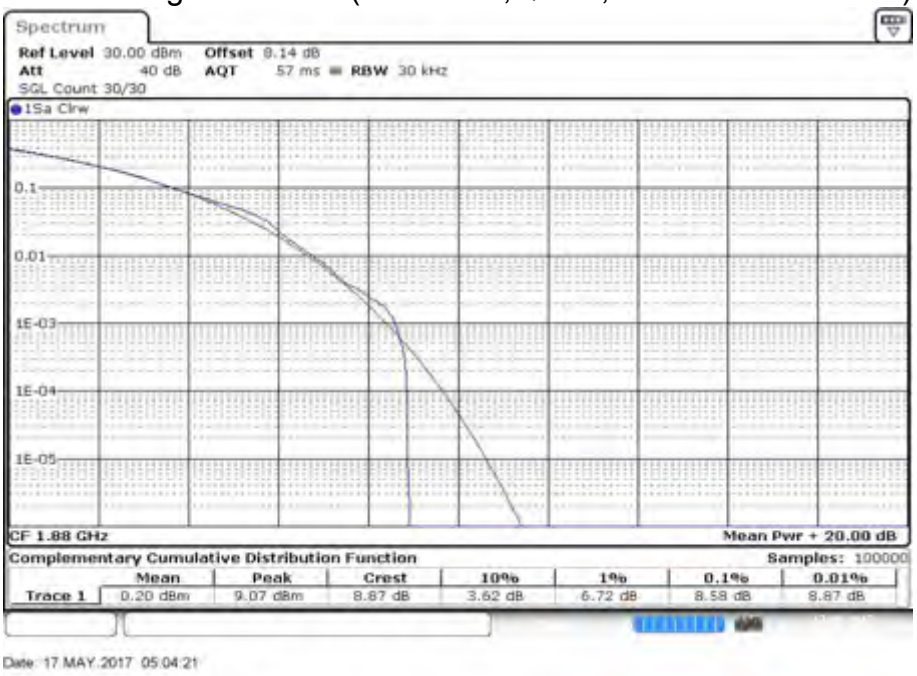


Peak-Average Ratio Plot(3MHz BW,16QAM,Band 2-mid Channel)

Copyright © SRTC

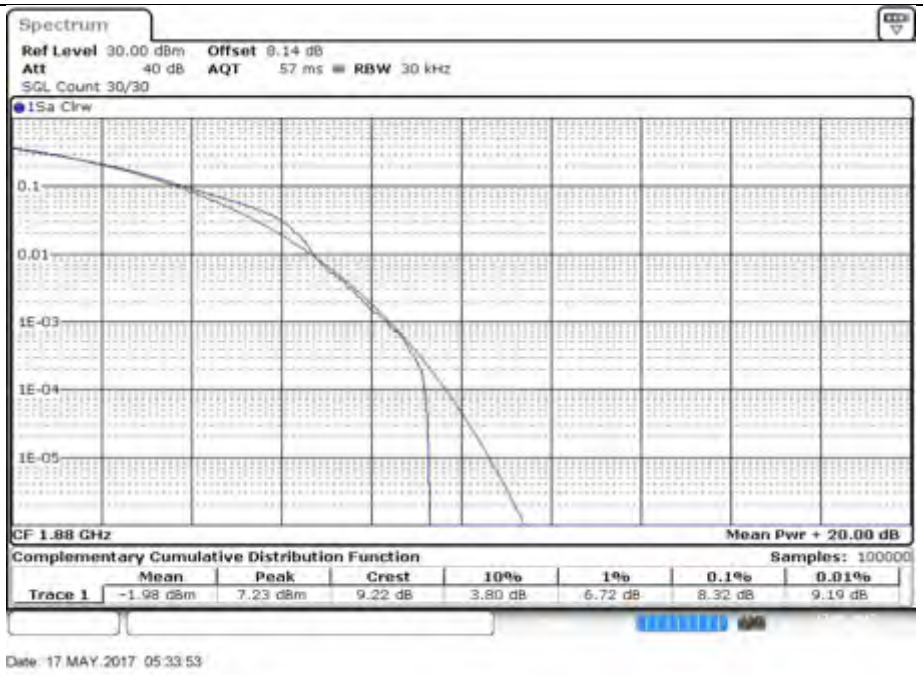


Peak-Average Ratio Plot(5MHz BW,QPSK,Band 2-mid Channel)

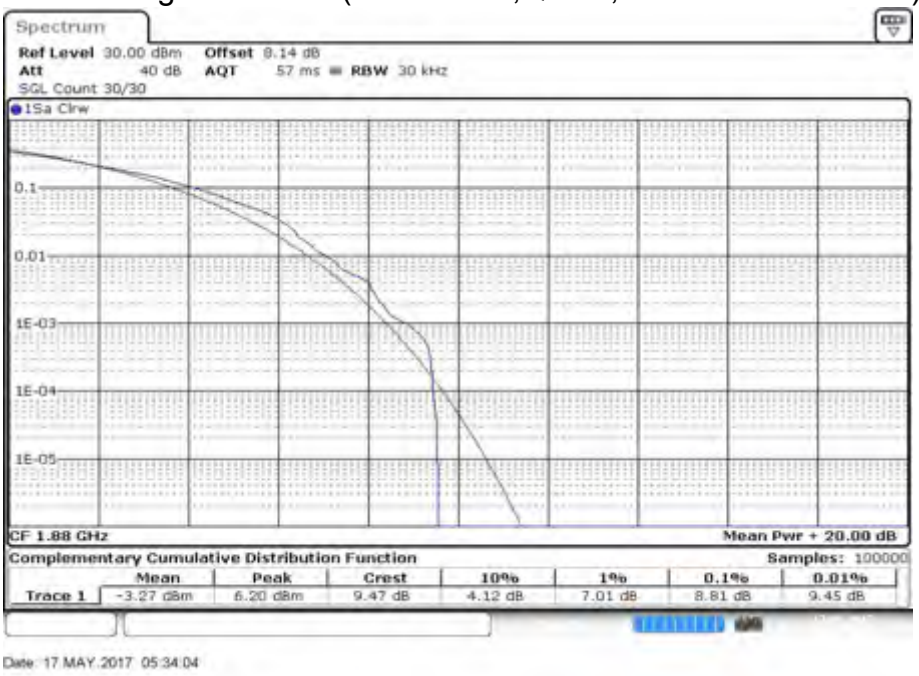


Peak-Average Ratio Plot(5MHz BW,16QAM,Band 2-mid Channel)

Copyright © SRTC

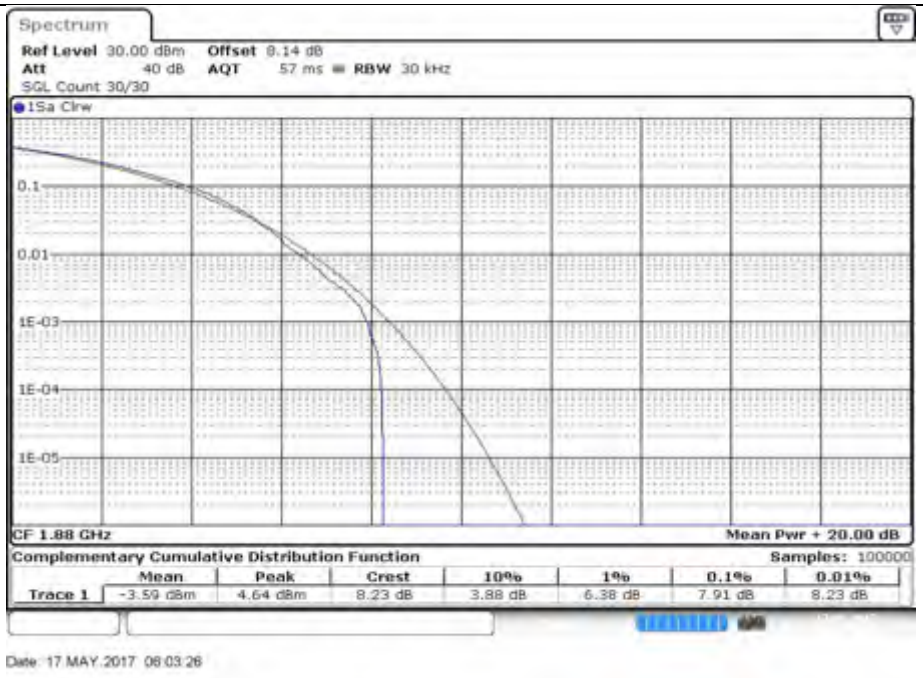


Peak-Average Ratio Plot(10MHz BW,QPSK,Band 2-mid Channel)

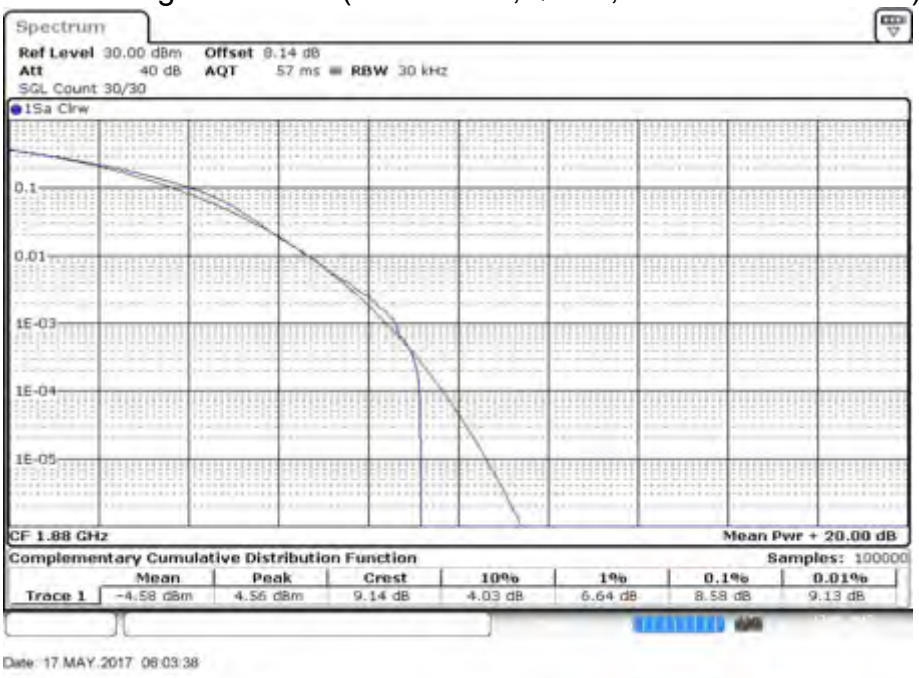


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 2-mid Channel)

Copyright © SRTC

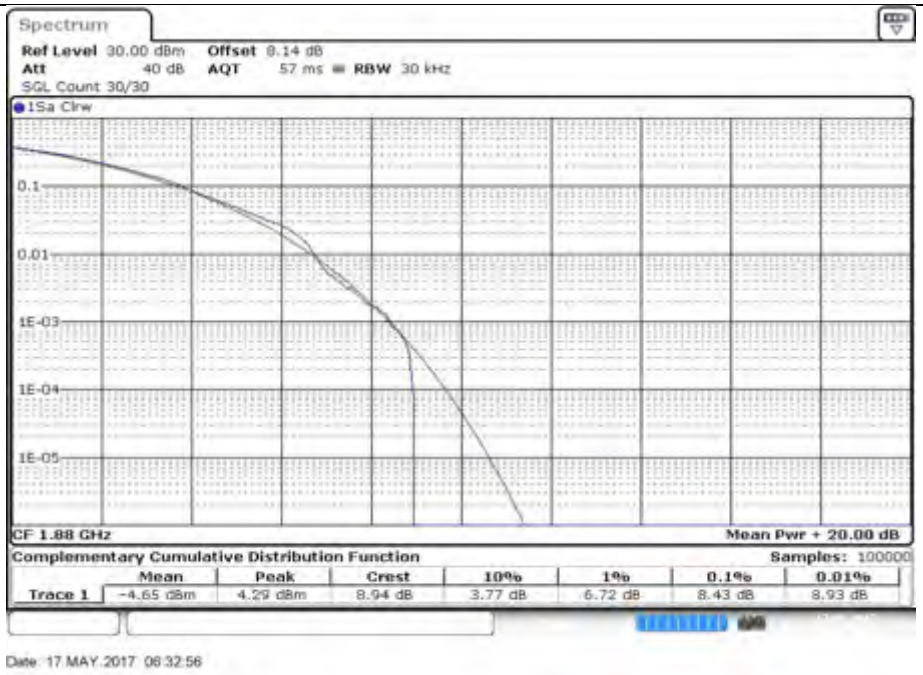


Peak-Average Ratio Plot(15MHz BW,QPSK,Band 2-mid Channel)

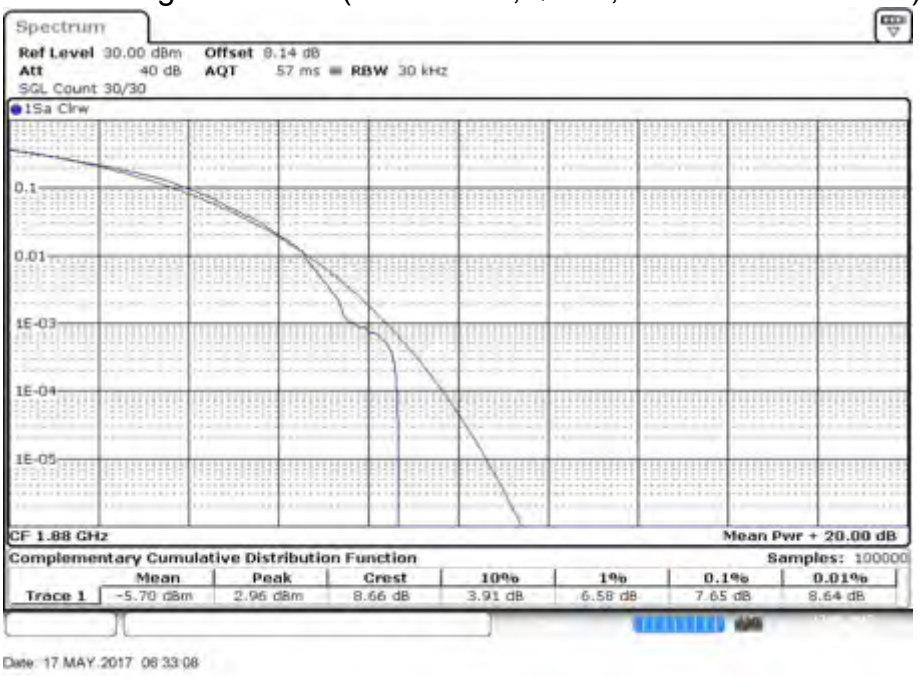


Peak-Average Ratio Plot(15MHz BW,16QAM,Band 2-mid Channel)

Copyright © SRTC

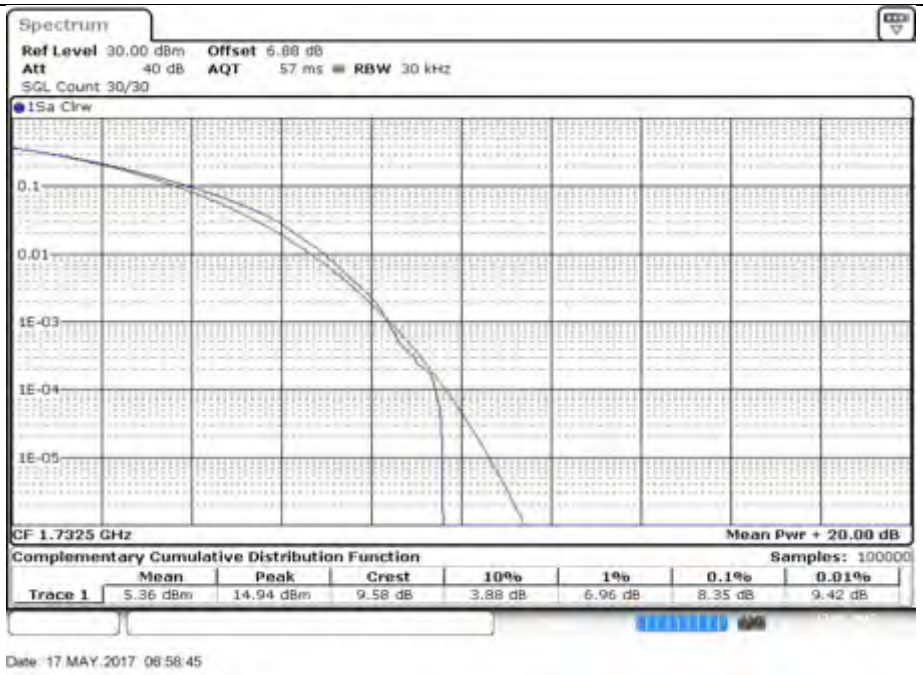


Peak-Average Ratio Plot(20MHz BW,QPSK,Band 2-mid Channel)

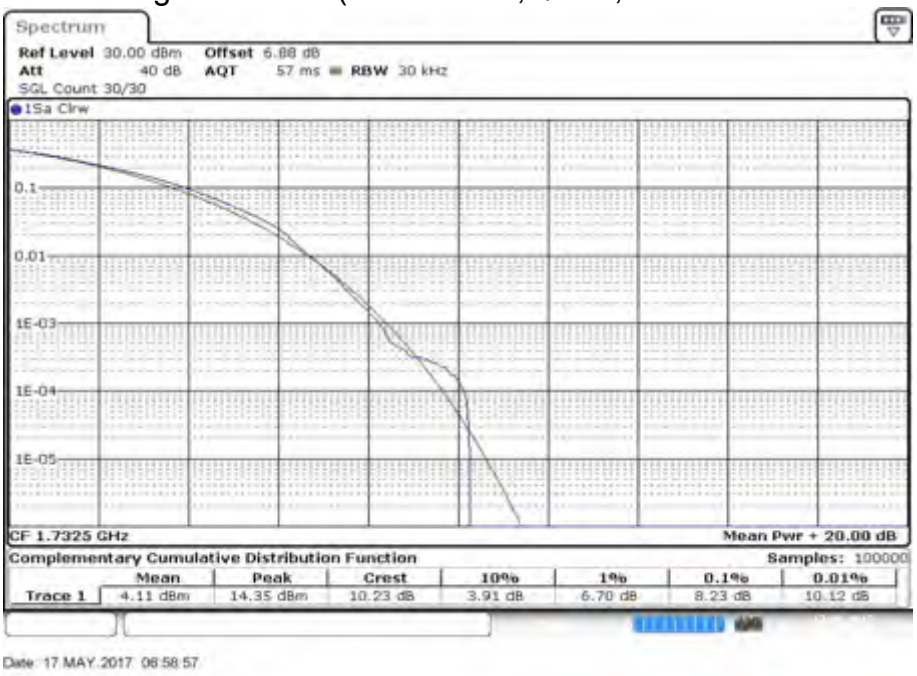


Peak-Average Ratio Plot(20MHz BW,16QAM,Band 2-mid Channel)

Copyright © SRTC

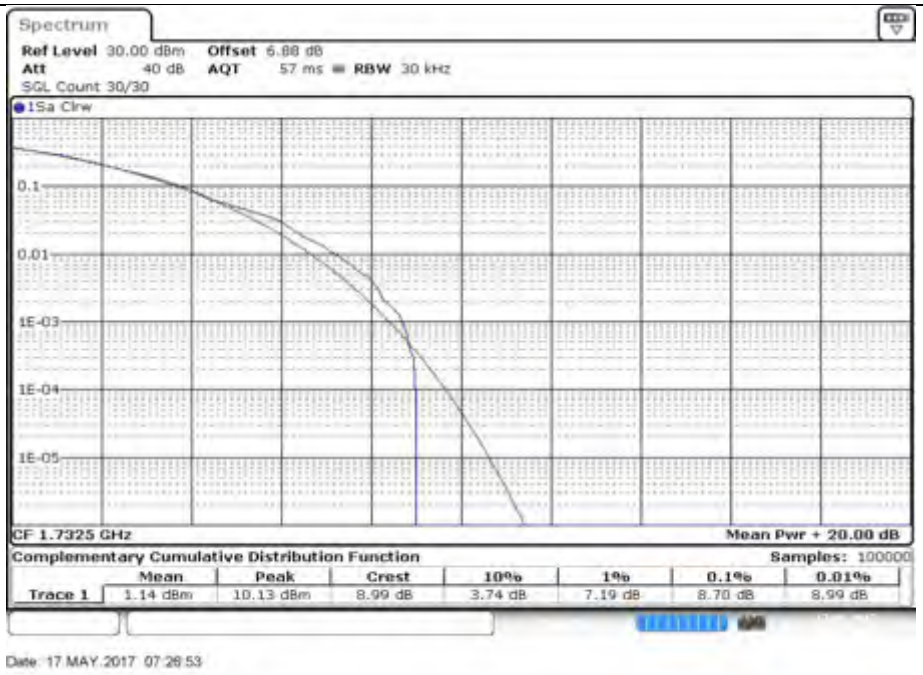


Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 4-mid Channel)

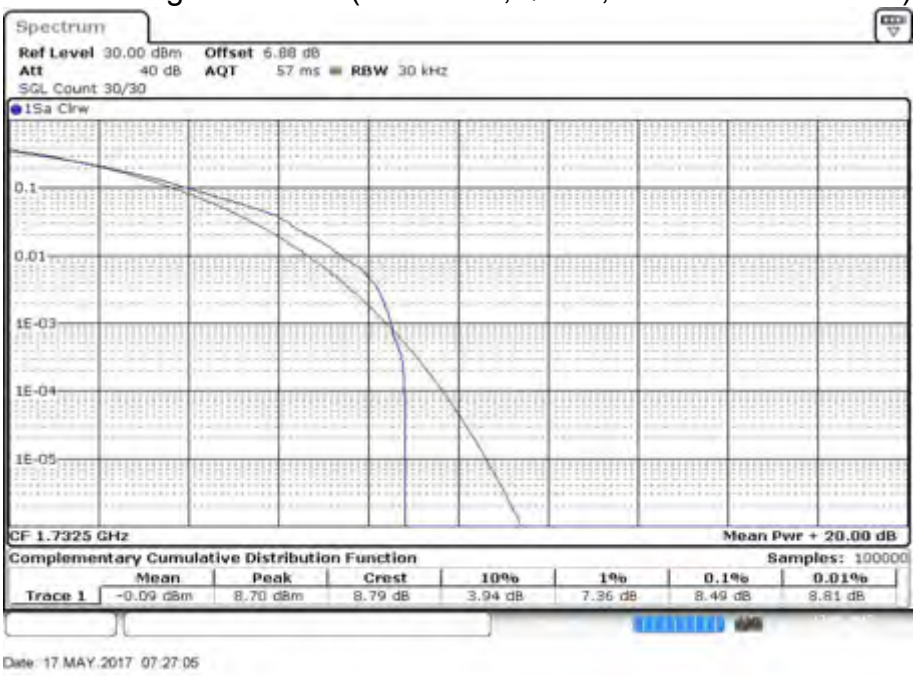


Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 4-mid Channel)

Copyright © SRTC

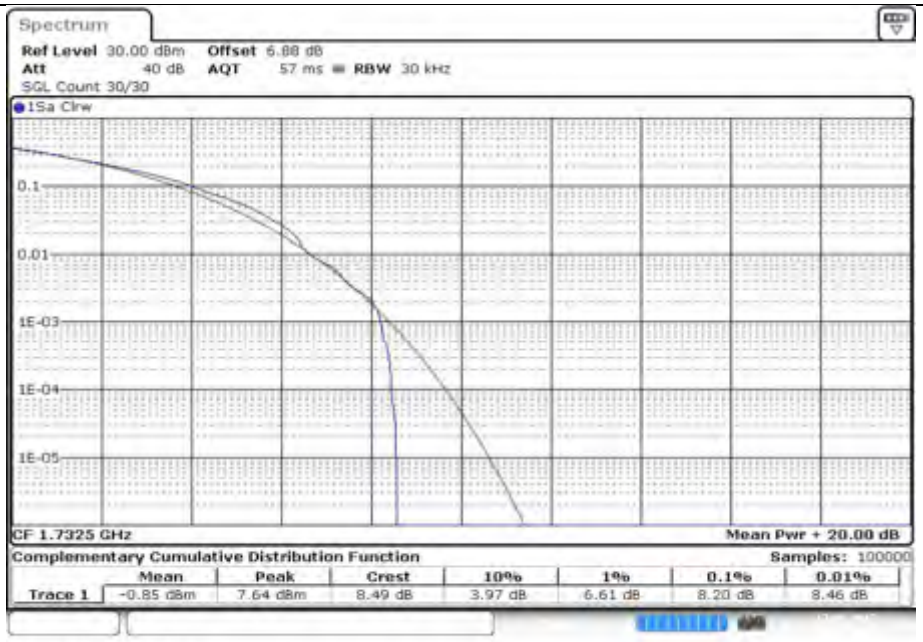


Peak-Average Ratio Plot(3MHz BW,QPSK,Band 4-mid Channel)

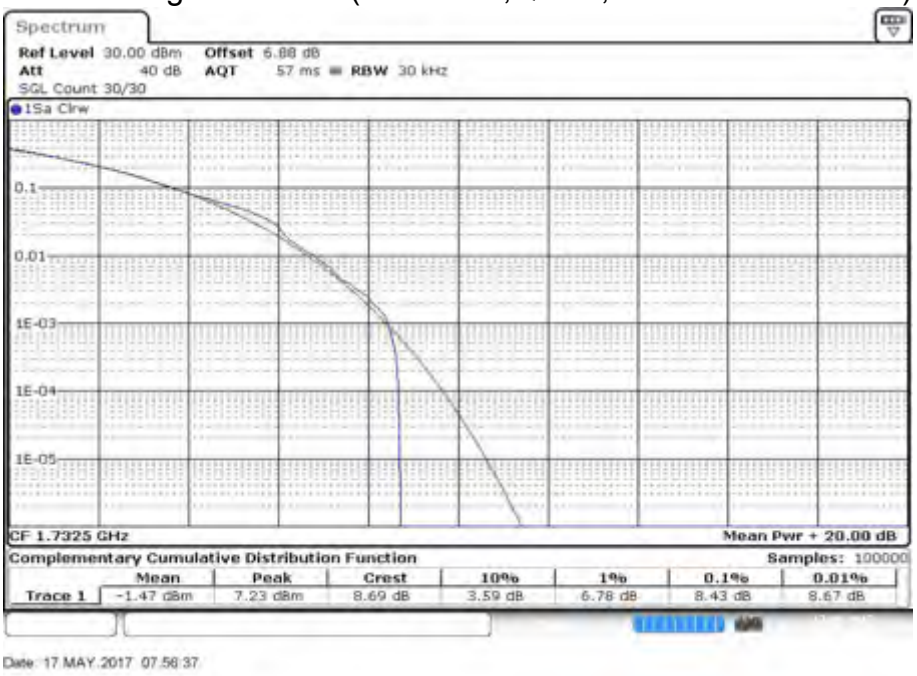


Peak-Average Ratio Plot(3MHz BW,16QAM,Band 4-mid Channel)

Copyright © SRTC

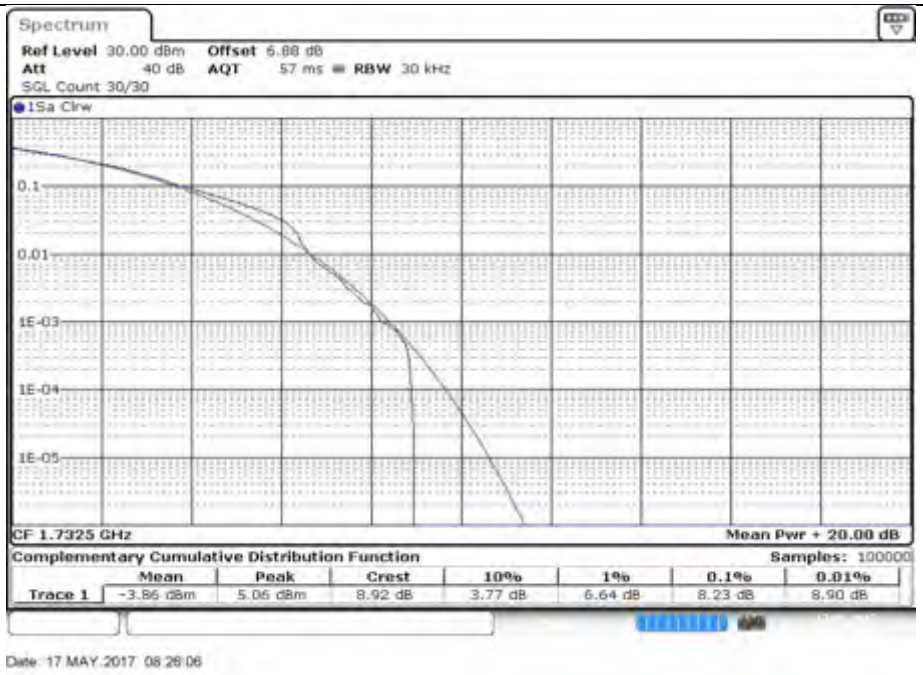


Peak-Average Ratio Plot(5MHz BW,QPSK,Band 4-mid Channel)

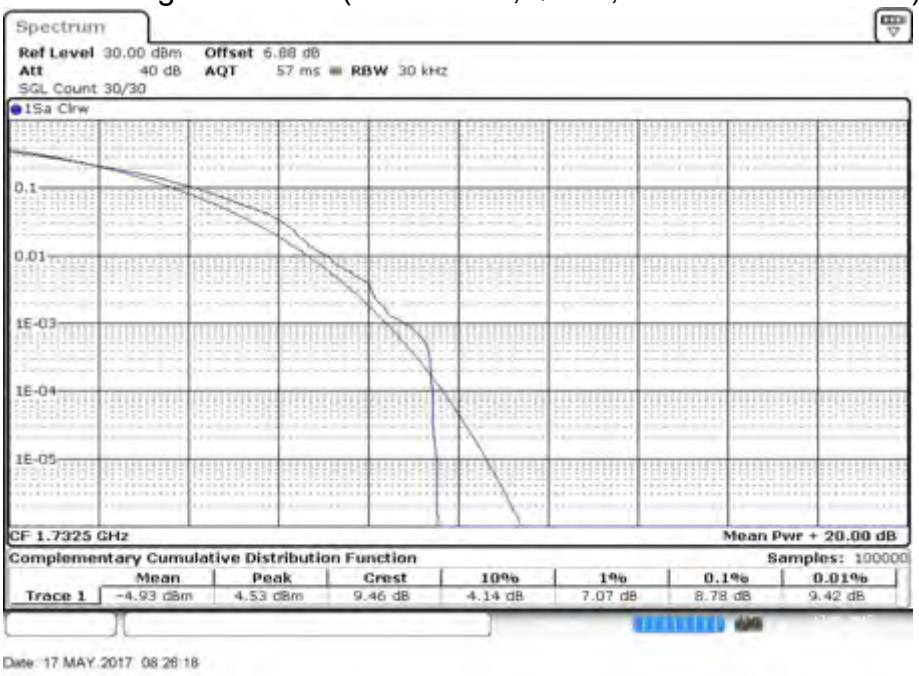


Peak-Average Ratio Plot(5MHz BW,16QAM,Band 4-mid Channel)

Copyright © SRTC

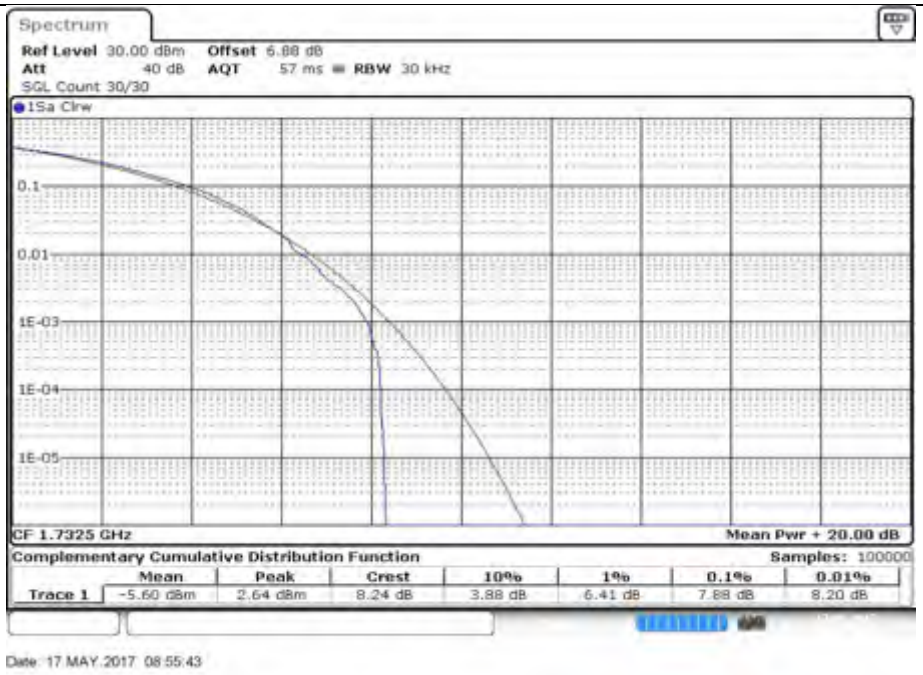


Peak-Average Ratio Plot(10MHz BW,QPSK,Band 4-mid Channel)

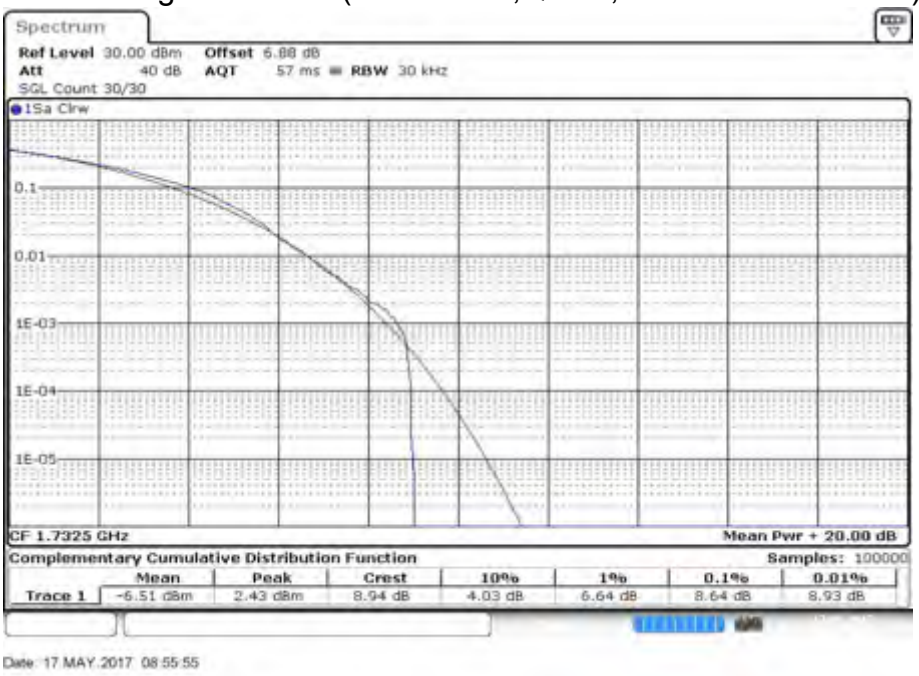


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 4-mid Channel)

Copyright © SRTC

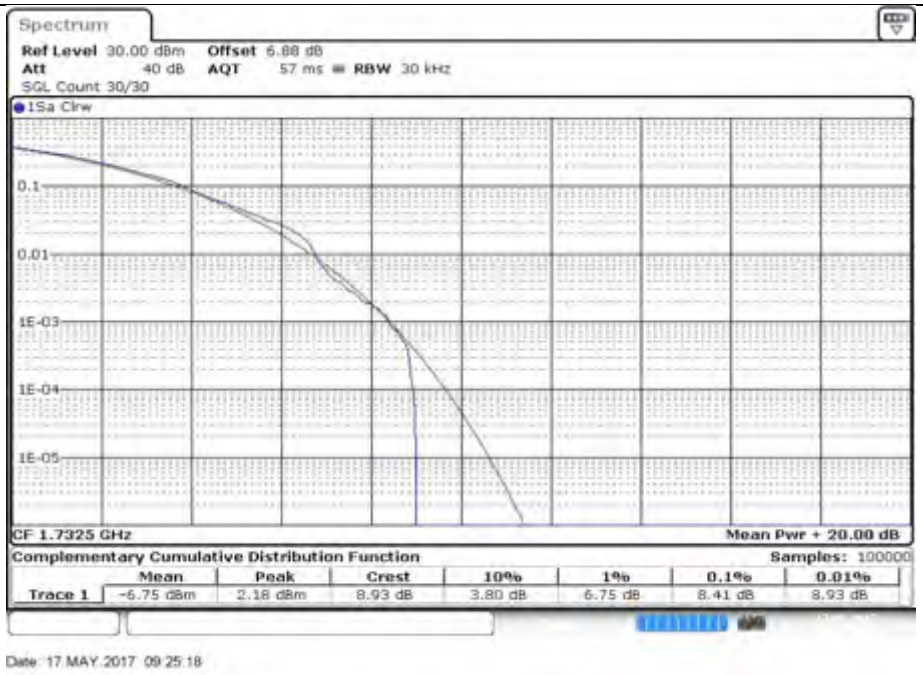


Peak-Average Ratio Plot(15MHz BW,QPSK,Band 4-mid Channel)

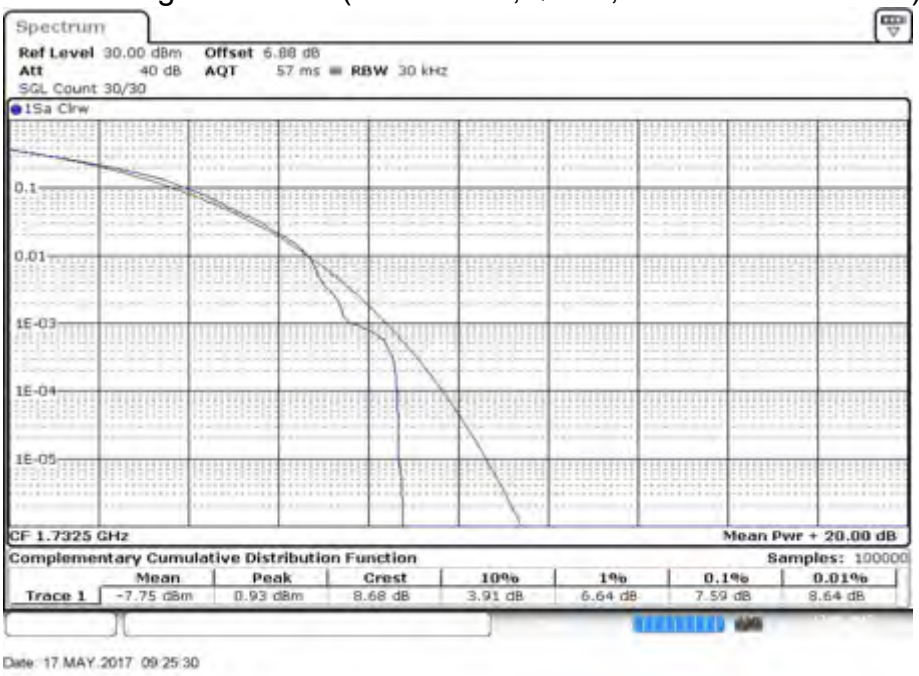


Peak-Average Ratio Plot(15MHz BW,16QAM,Band 4-mid Channel)

Copyright © SRTC

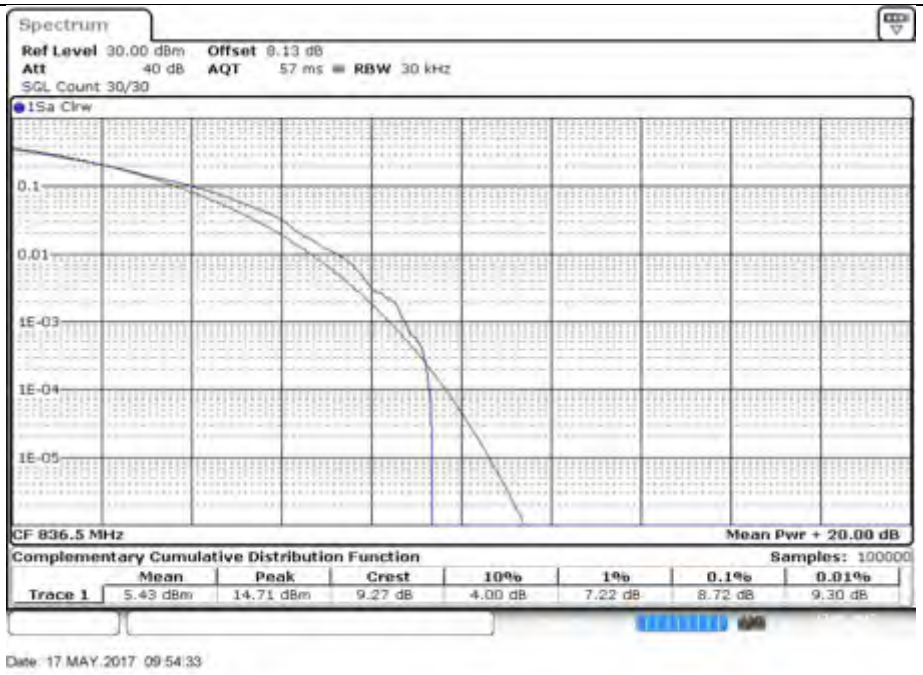


Peak-Average Ratio Plot(20MHz BW,QPSK,Band 4-mid Channel)

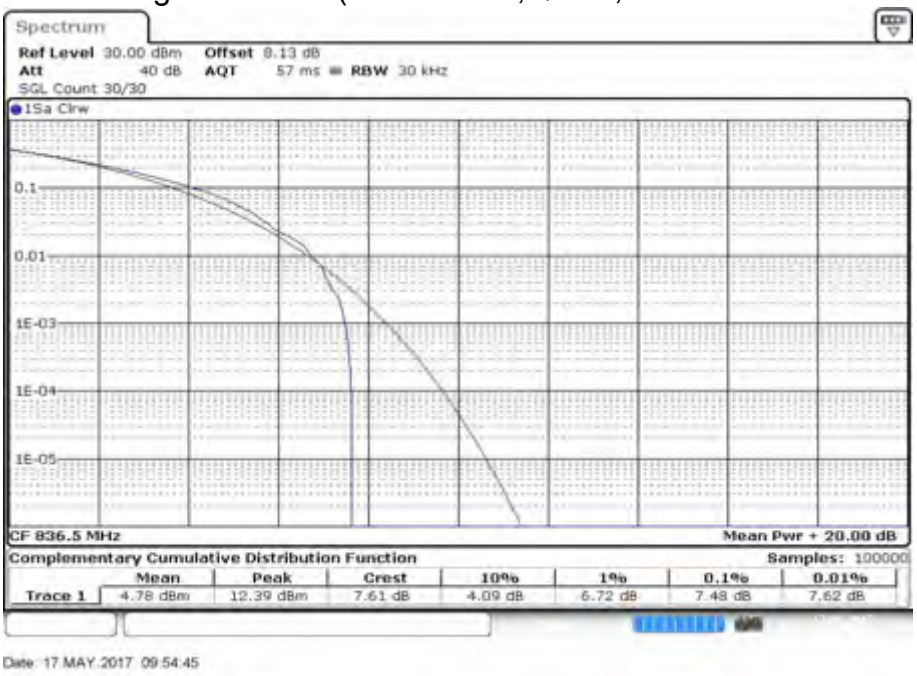


Peak-Average Ratio Plot(20MHz BW,16QAM,Band 4-mid Channel)

Copyright © SRTC

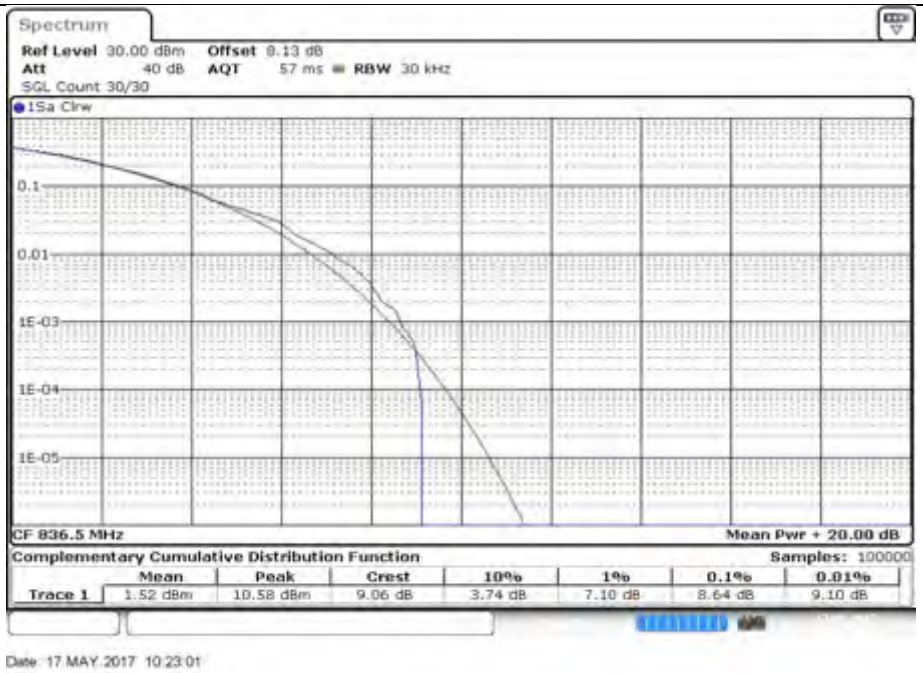


Peak-Average Ratio Plot(1.4MHz BW,QPSK,Band 5-mid Channel)

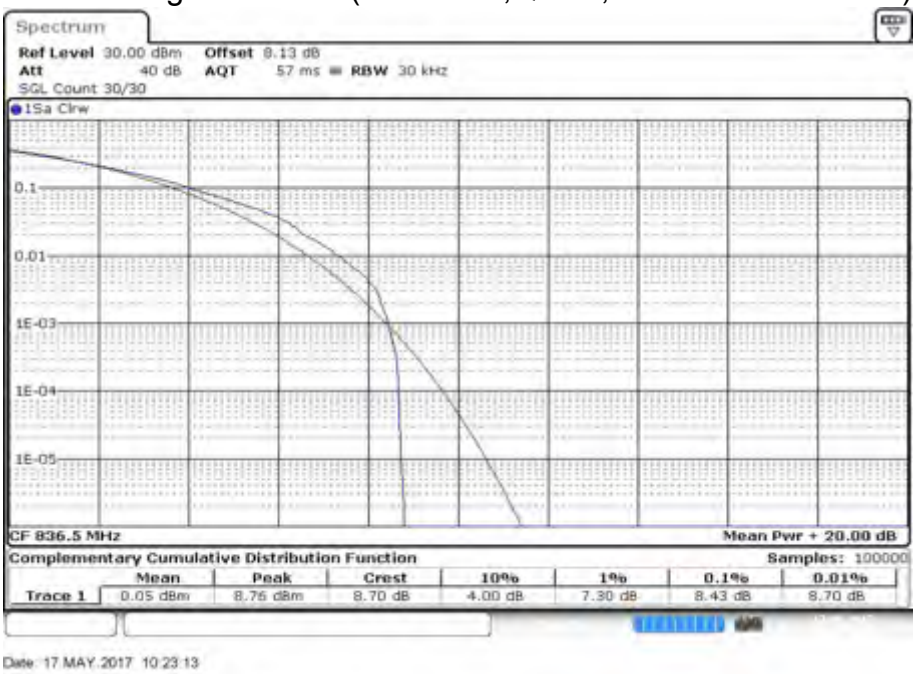


Peak-Average Ratio Plot(1.4MHz BW,16QAM,Band 5-mid Channel)

Copyright © SRTC

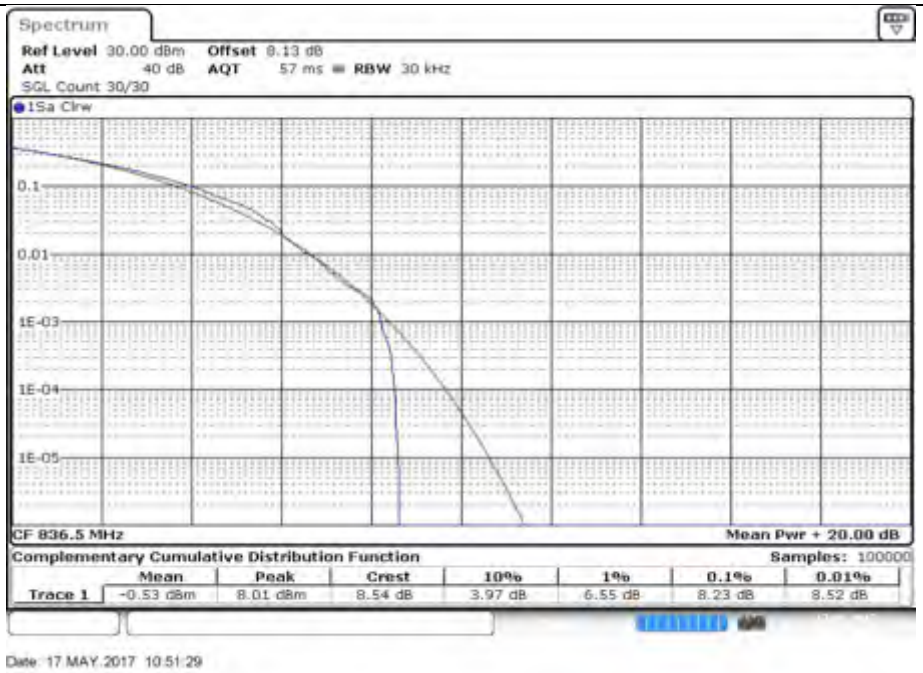


Peak-Average Ratio Plot(3MHz BW,QPSK,Band 5-mid Channel)

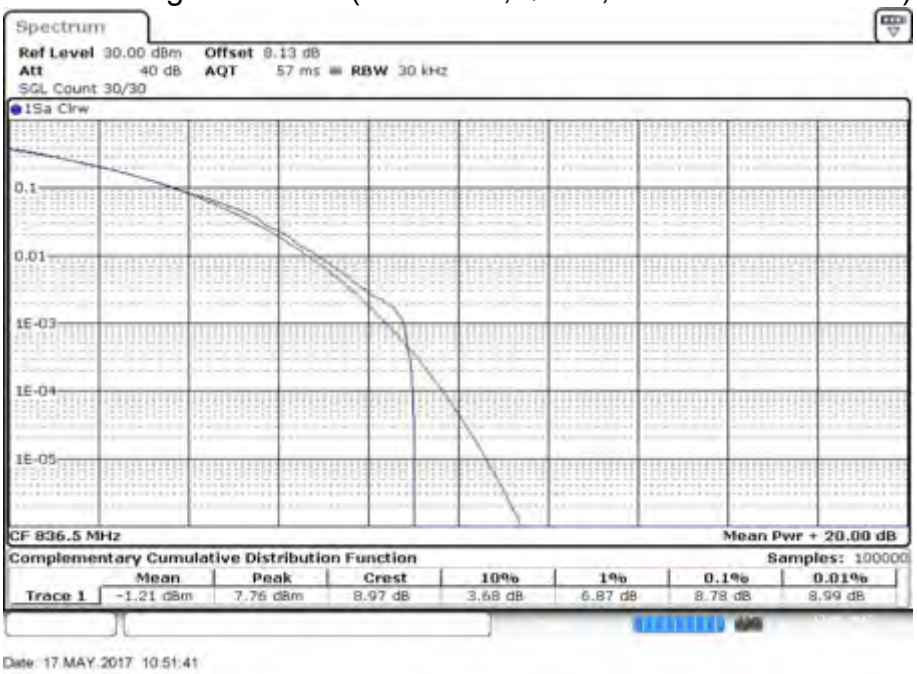


Peak-Average Ratio Plot(3MHz BW,16QAM,Band 5-mid Channel)

Copyright © SRTC

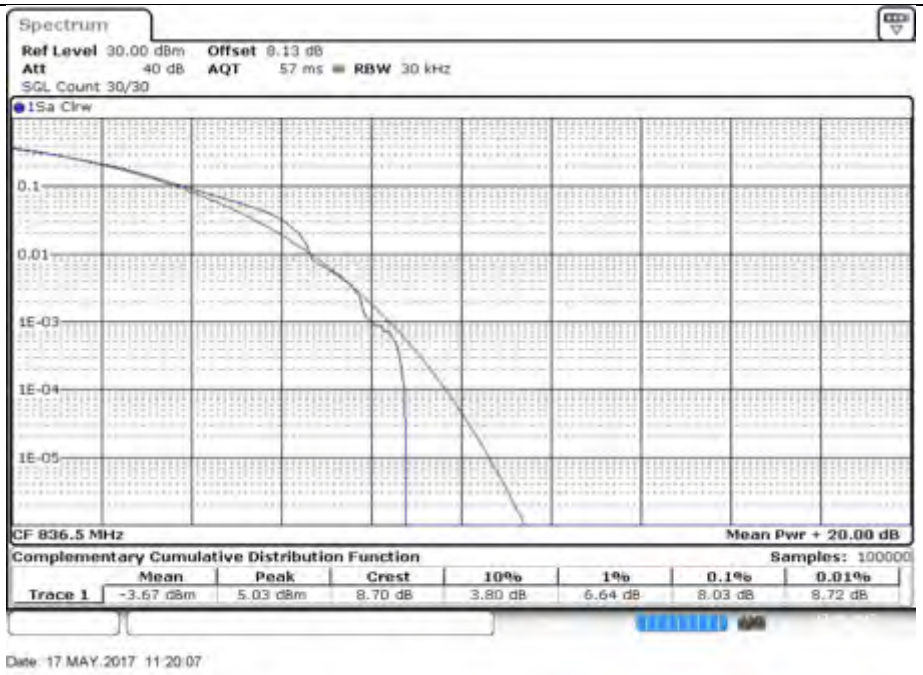


Peak-Average Ratio Plot(5MHz BW,QPSK,Band 5-mid Channel)

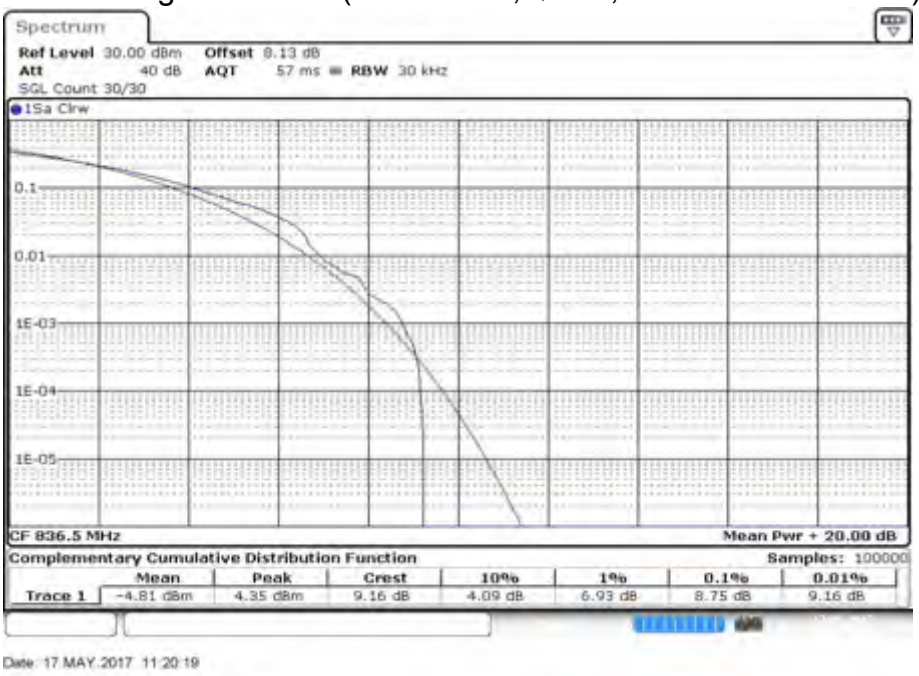


Peak-Average Ratio Plot(5MHz BW,16QAM,Band 5-mid Channel)

Copyright © SRTC

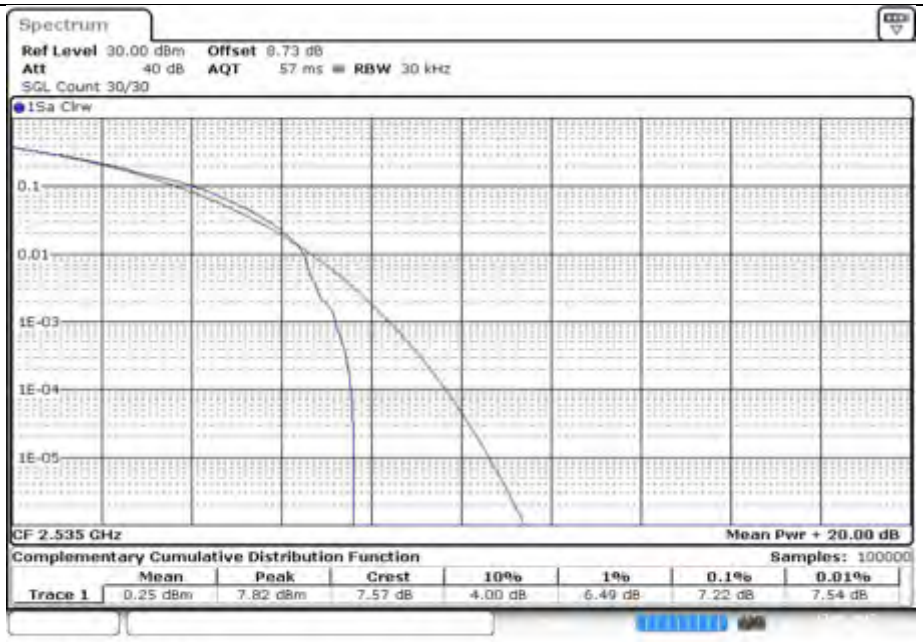


Peak-Average Ratio Plot(10MHz BW,QPSK,Band 5-mid Channel)

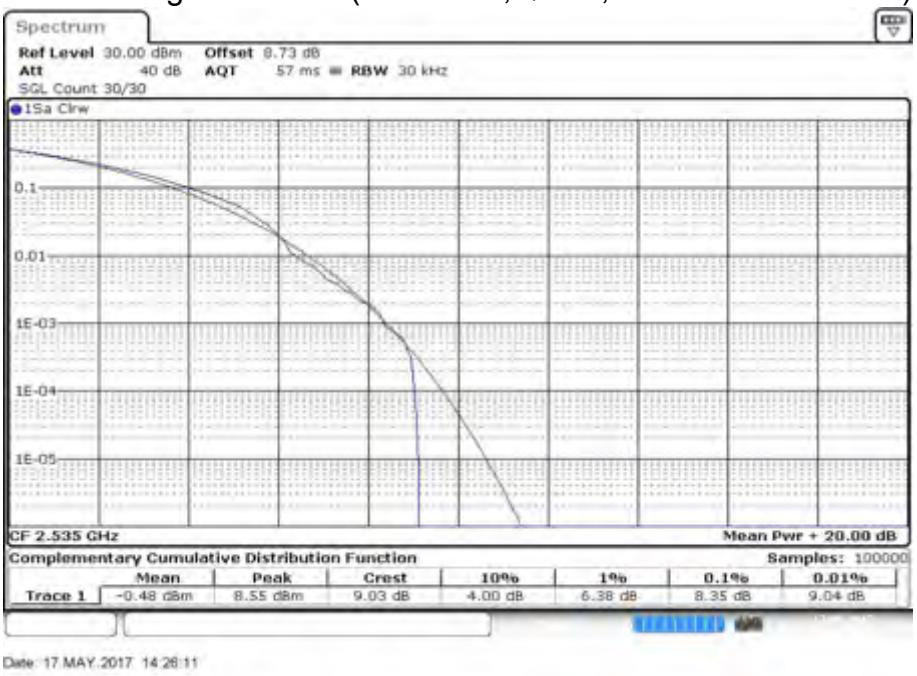


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 5-mid Channel)

Copyright © SRTC

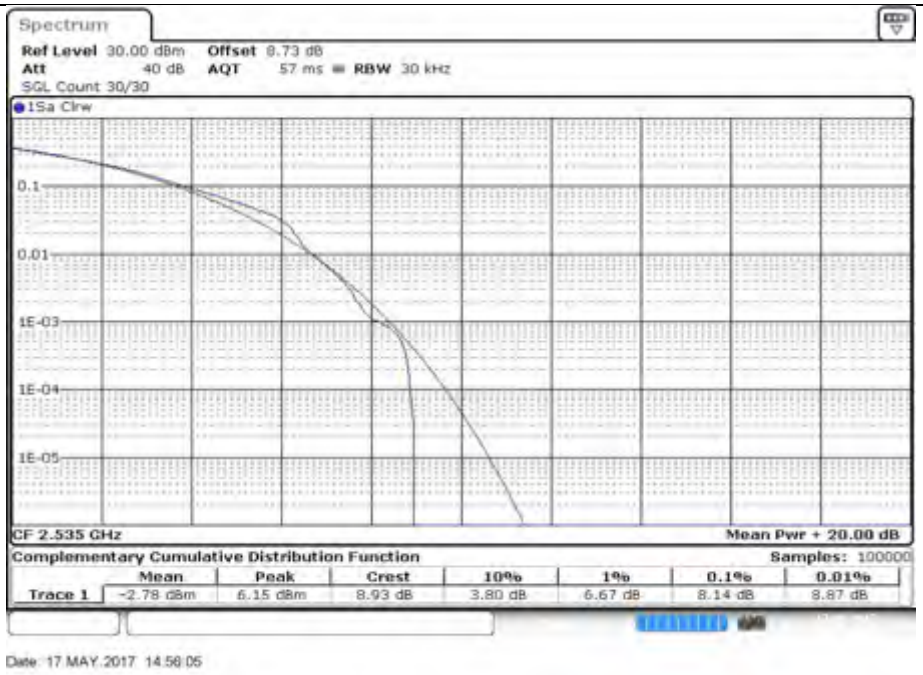


Peak-Average Ratio Plot(5MHz BW,QPSK,Band 7-mid Channel)

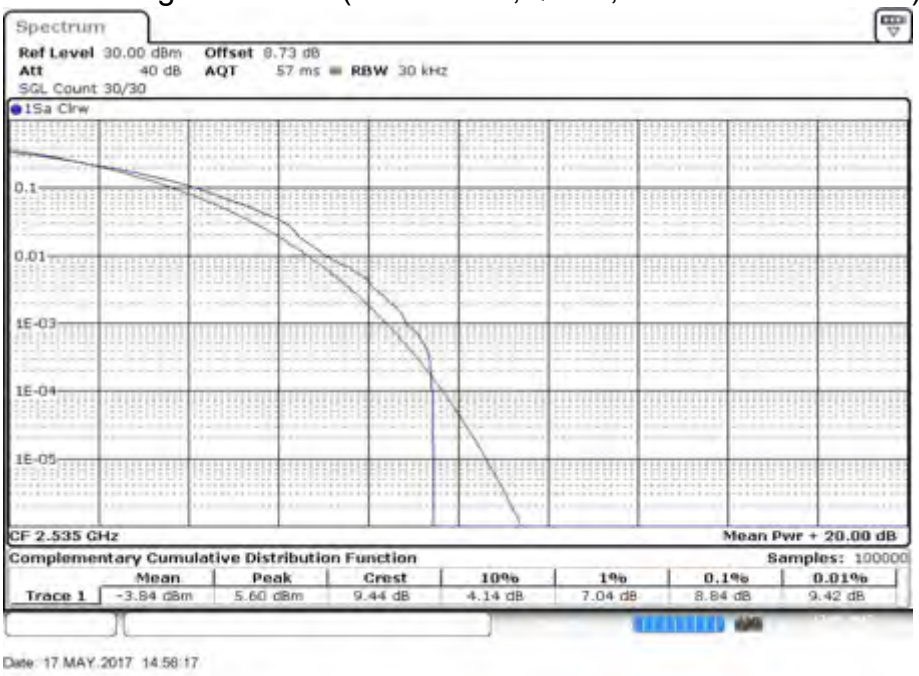


Peak-Average Ratio Plot(5MHz BW,16QAM,Band 7-mid Channel)

Copyright © SRTC

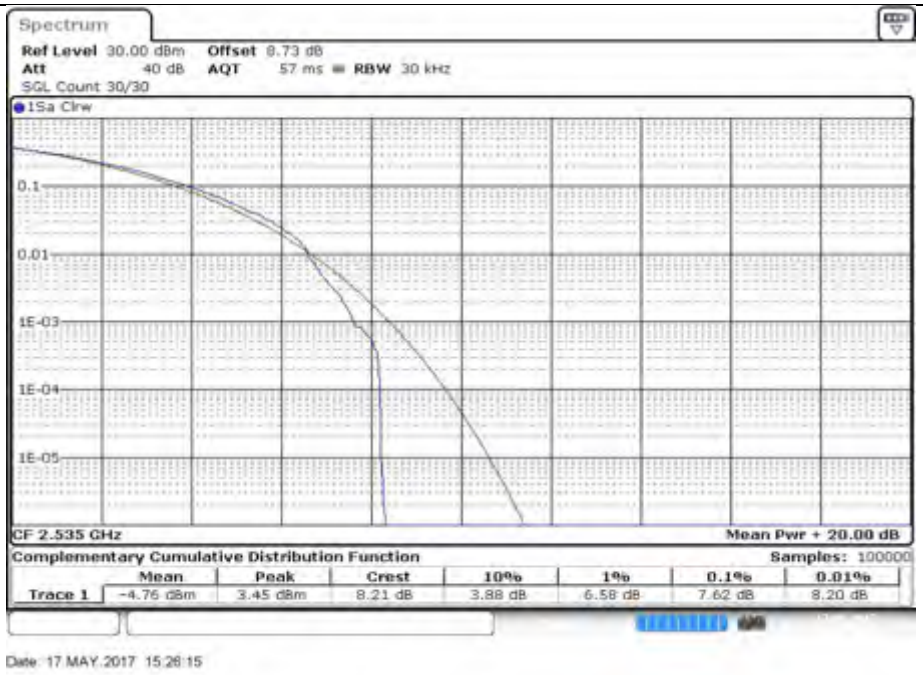


Peak-Average Ratio Plot(10MHz BW,QPSK,Band 7-mid Channel)

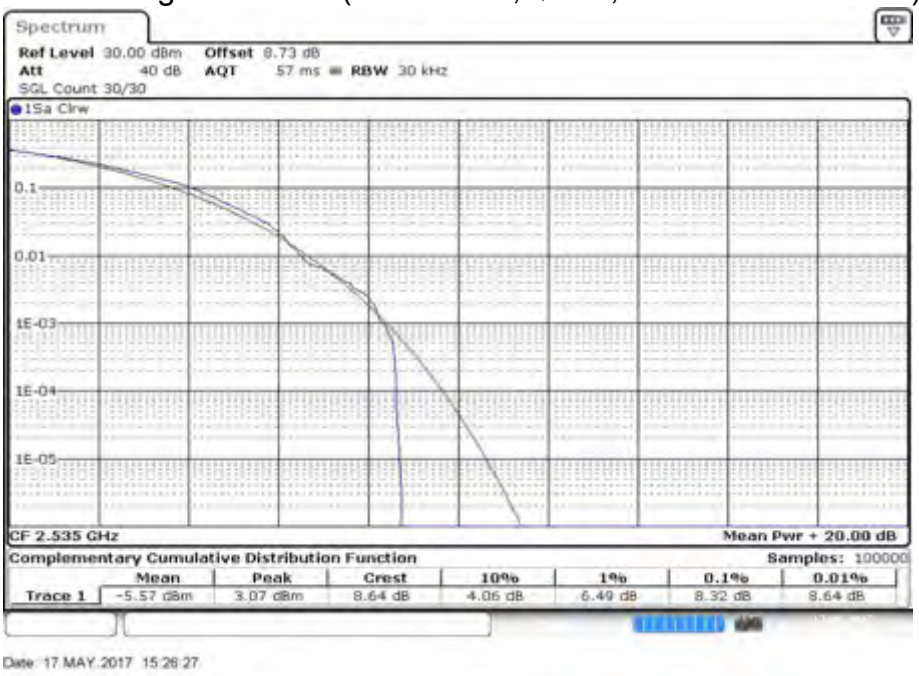


Peak-Average Ratio Plot(10MHz BW,16QAM,Band 7-mid Channel)

Copyright © SRTC

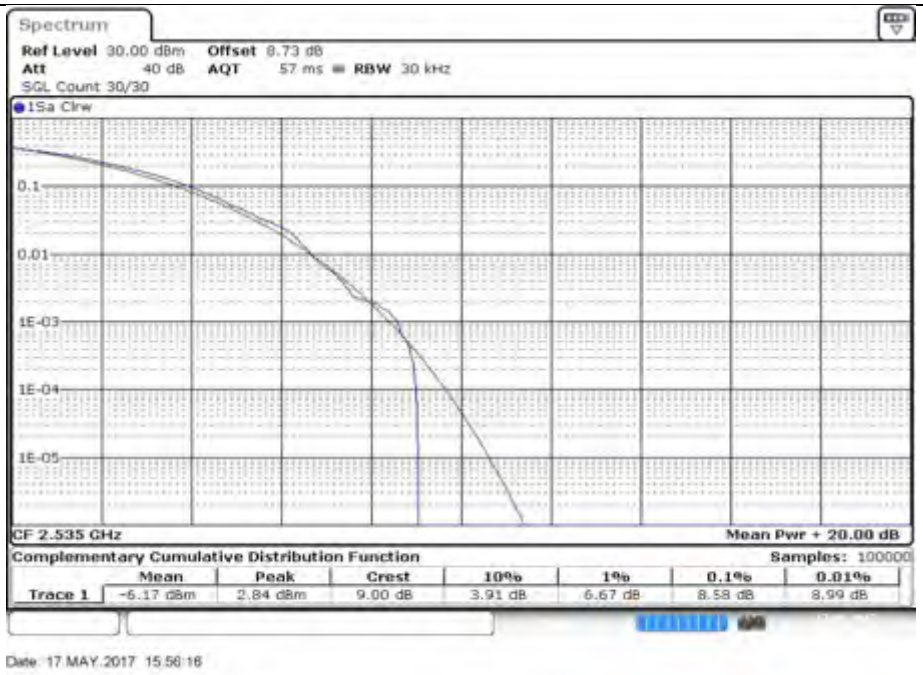


Peak-Average Ratio Plot(15MHz BW,QPSK,Band 7-mid Channel)

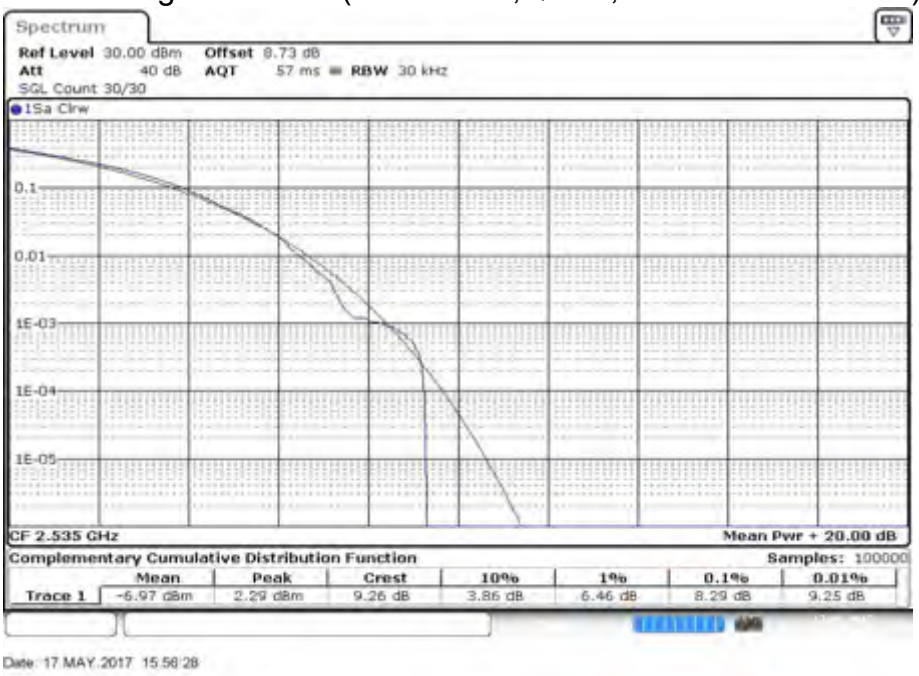


Peak-Average Ratio Plot(15MHz BW,16QAM,Band 7-mid Channel)

Copyright © SRTC



Peak-Average Ratio Plot(20MHz BW,QPSK,Band 7-mid Channel)



Peak-Average Ratio Plot(20MHz BW,16QAM,Band 7-mid Channel)

5 Spurious Emissions at antenna terminal-FCC 2.1051/22.917(a)/24.238(a)/ 27.53(h)

Test result

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

				6	0	Fig.4	Fig.8

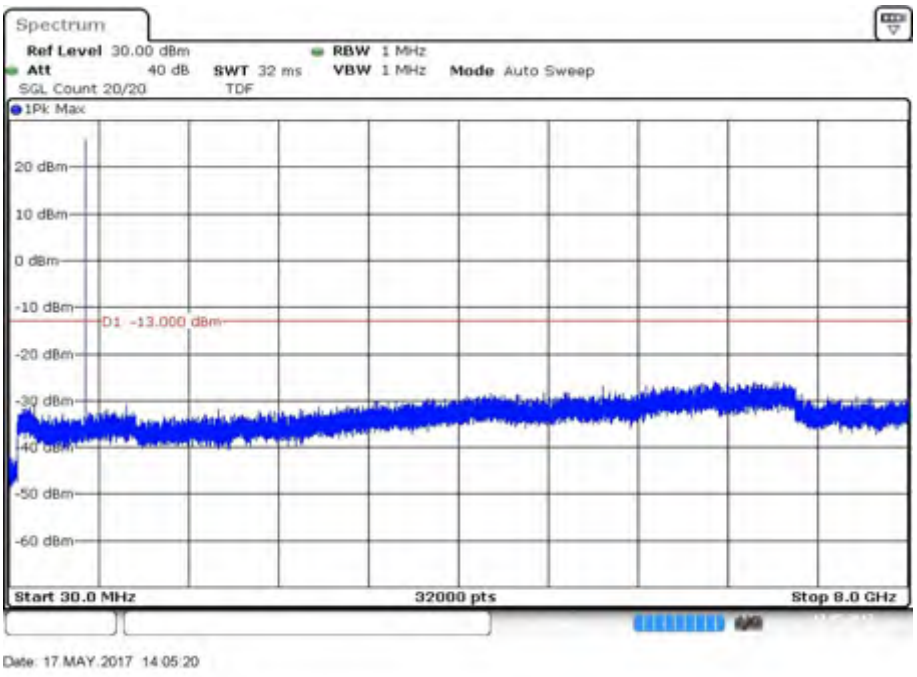


Fig.1

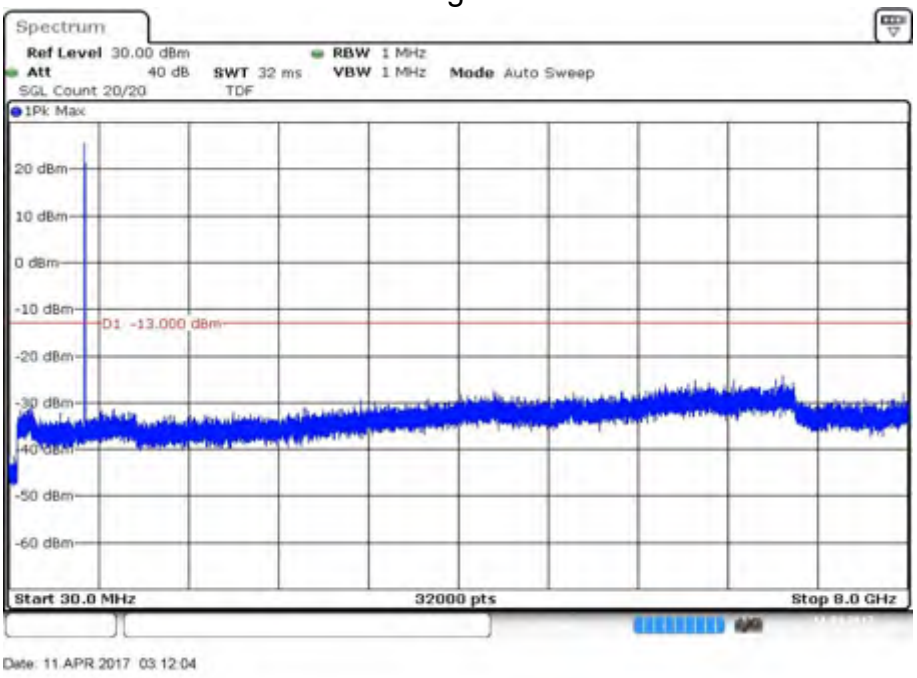


Fig.2

Copyright © SRTC

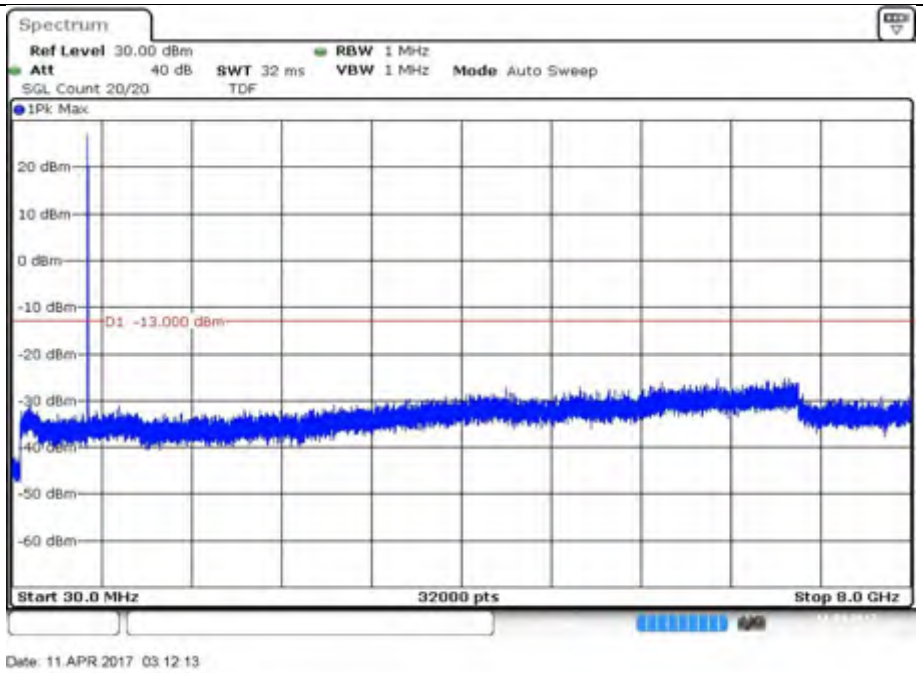


Fig.3

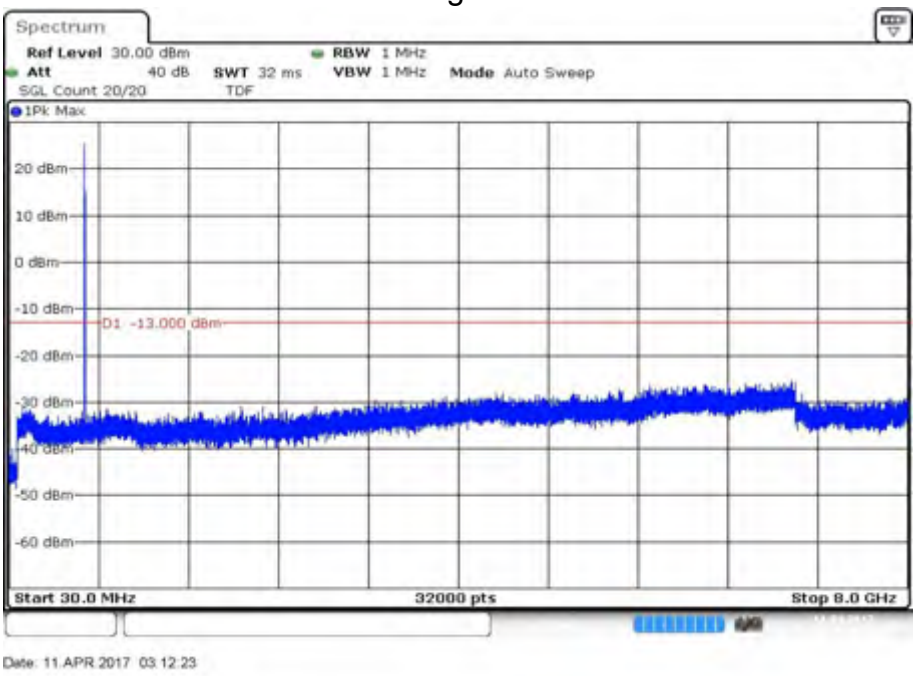


Fig.4

Copyright © SRTC

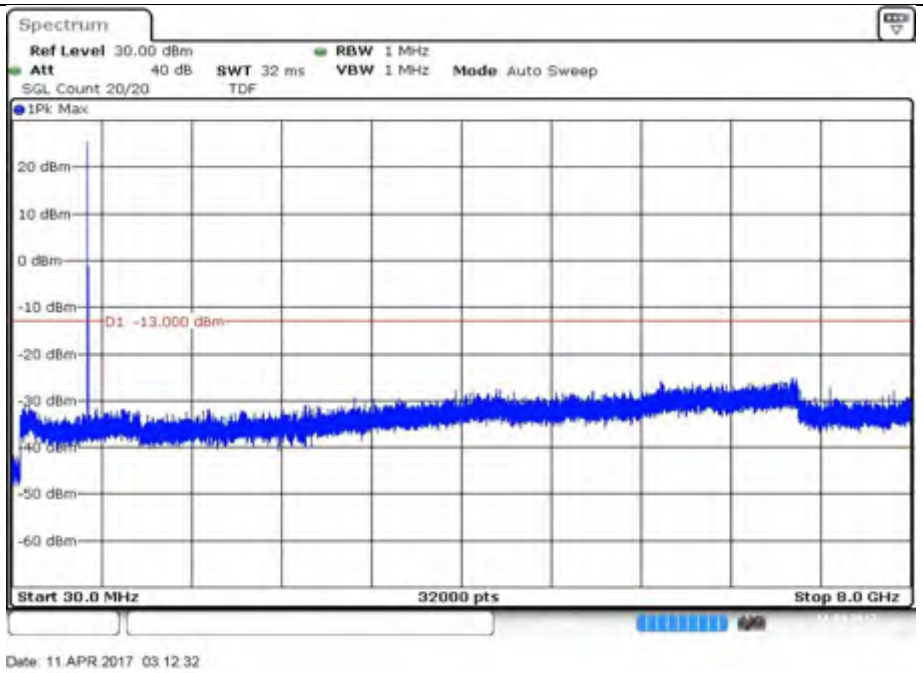


Fig.5

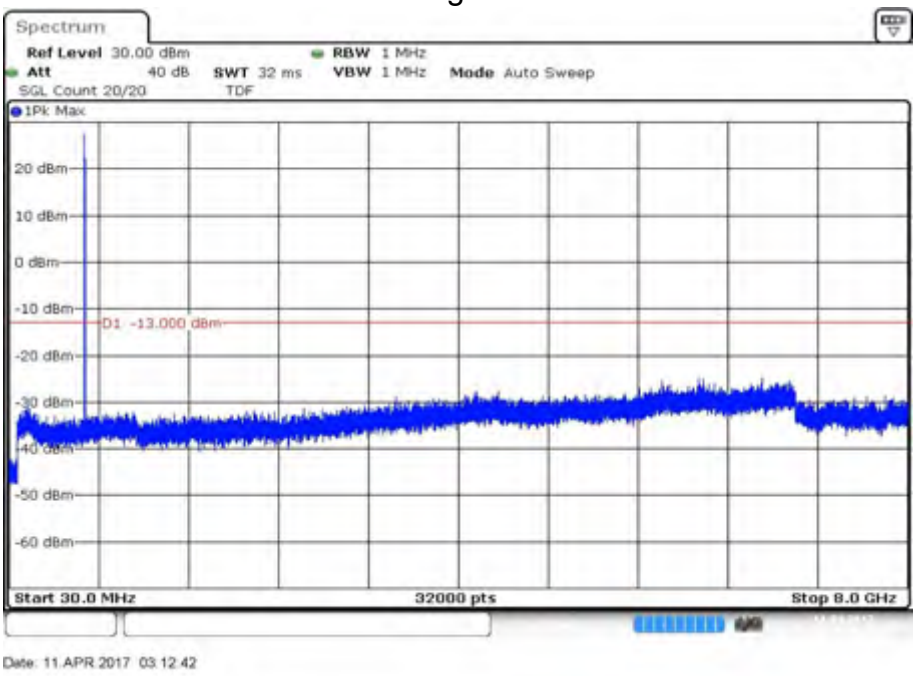


Fig.6

Copyright © SRTC

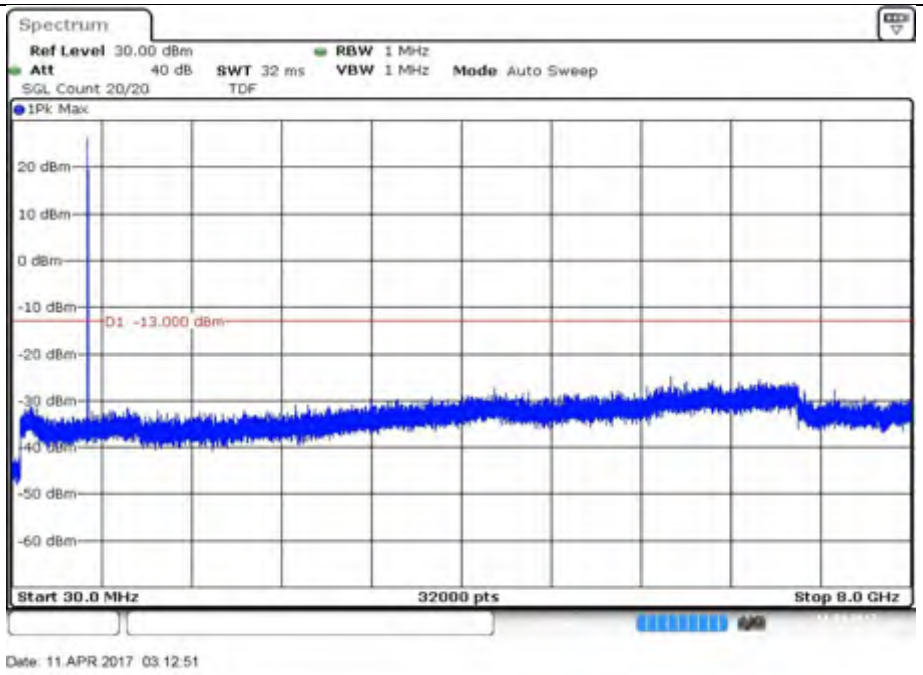


Fig.7

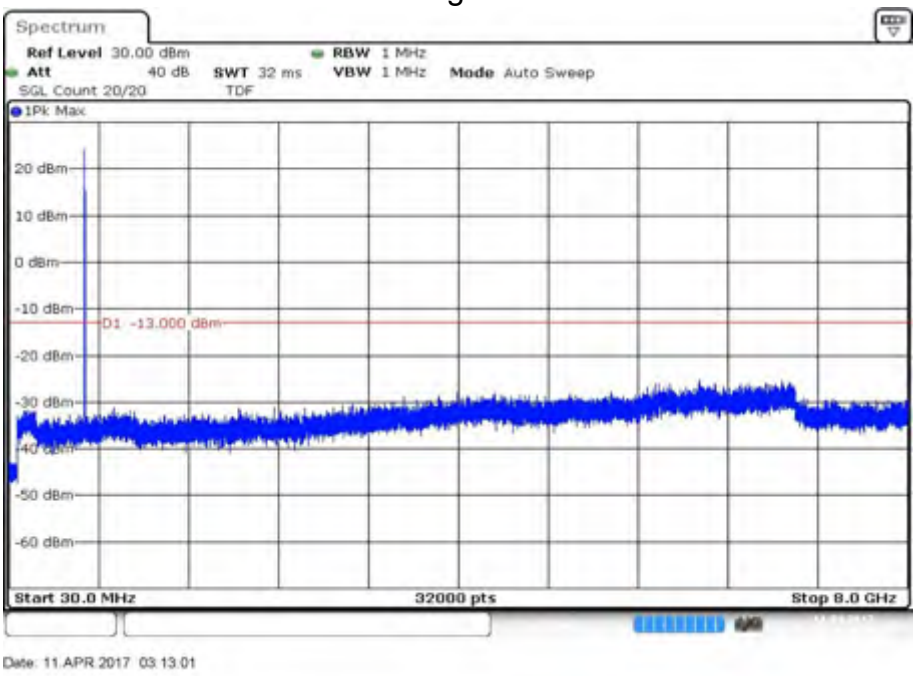


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
12	707.5	23095	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

Copyright © SRTC

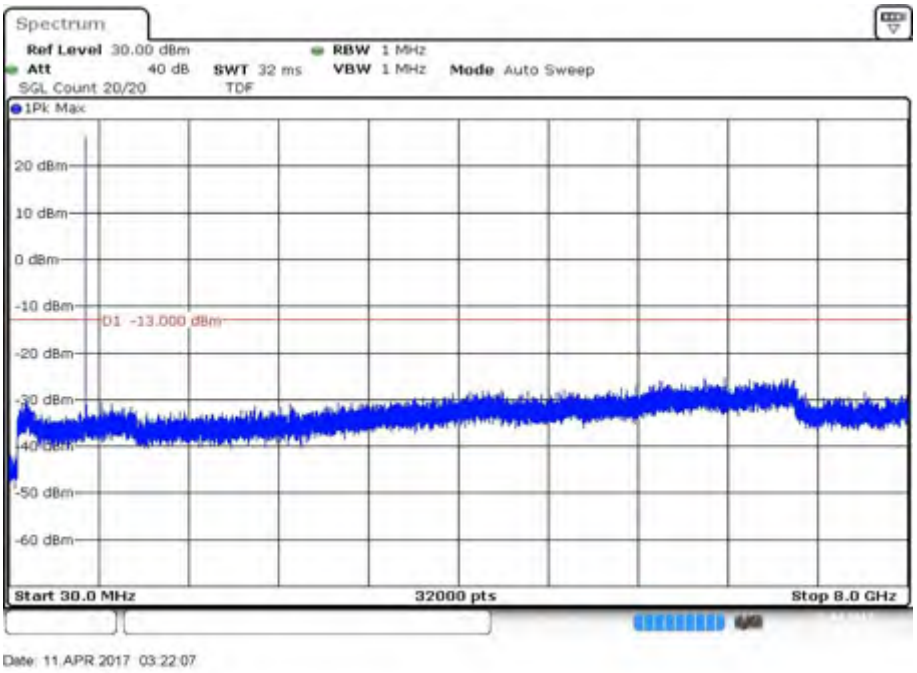


Fig.1

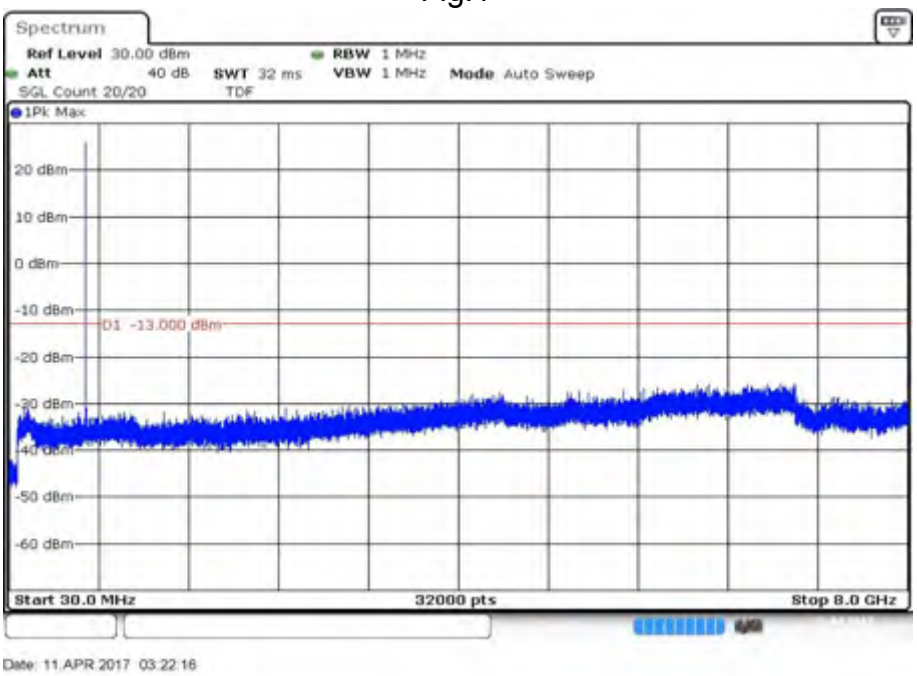


Fig.2

Copyright © SRTC

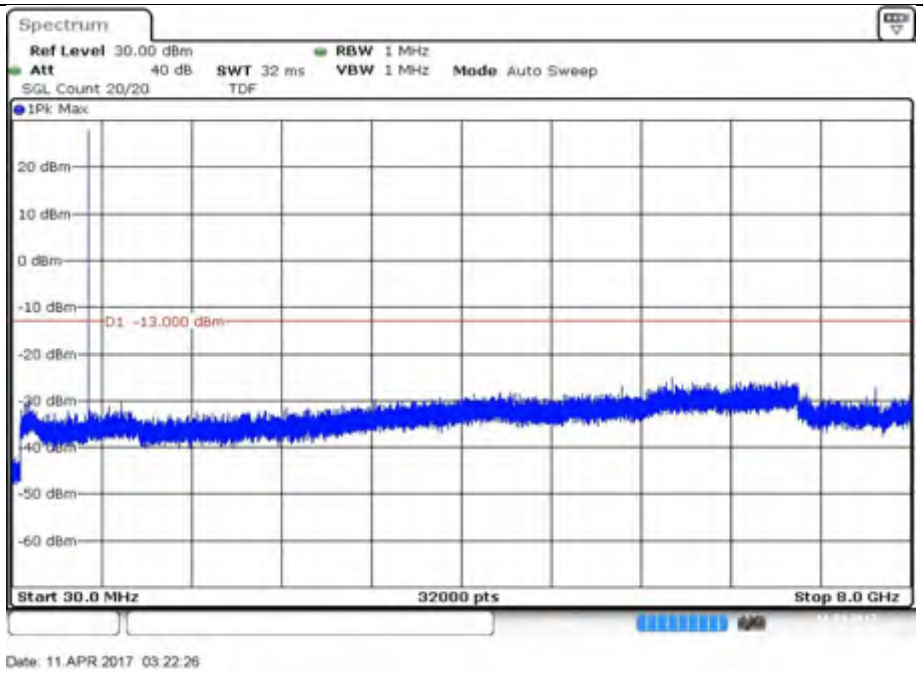


Fig.3

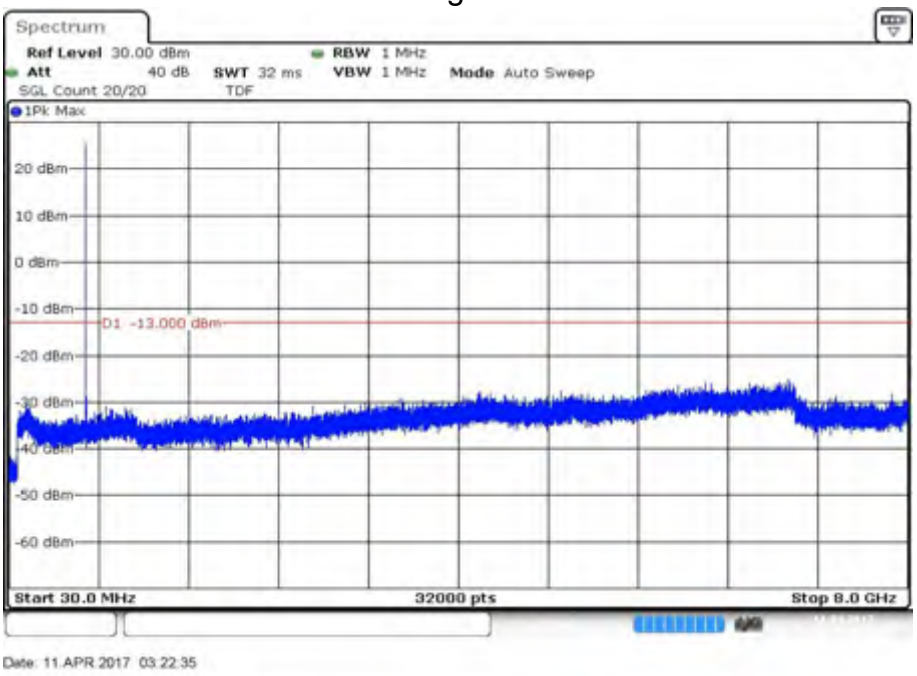


Fig.4

Copyright © SRTC

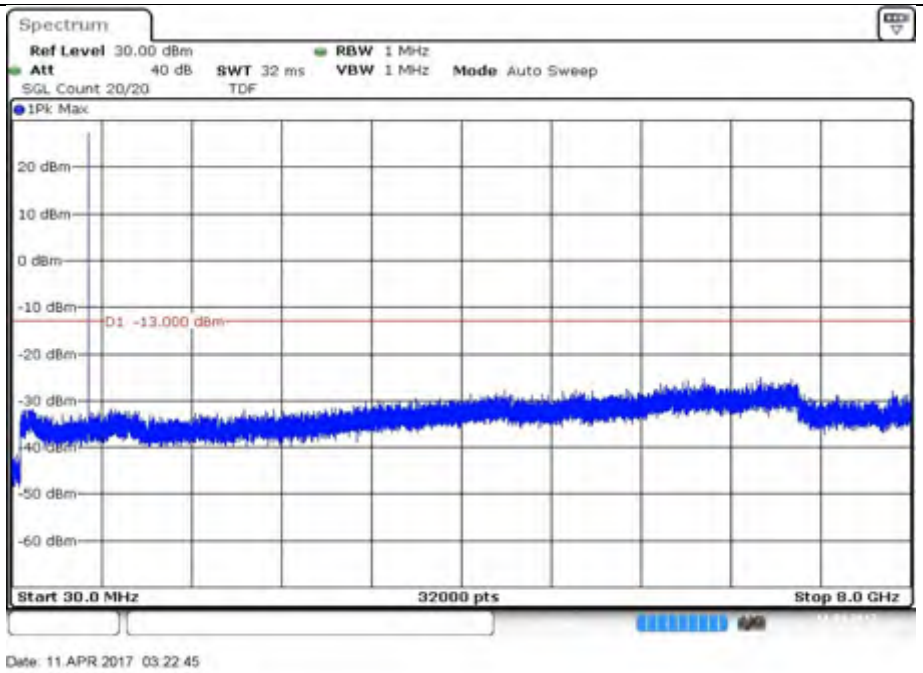


Fig.5

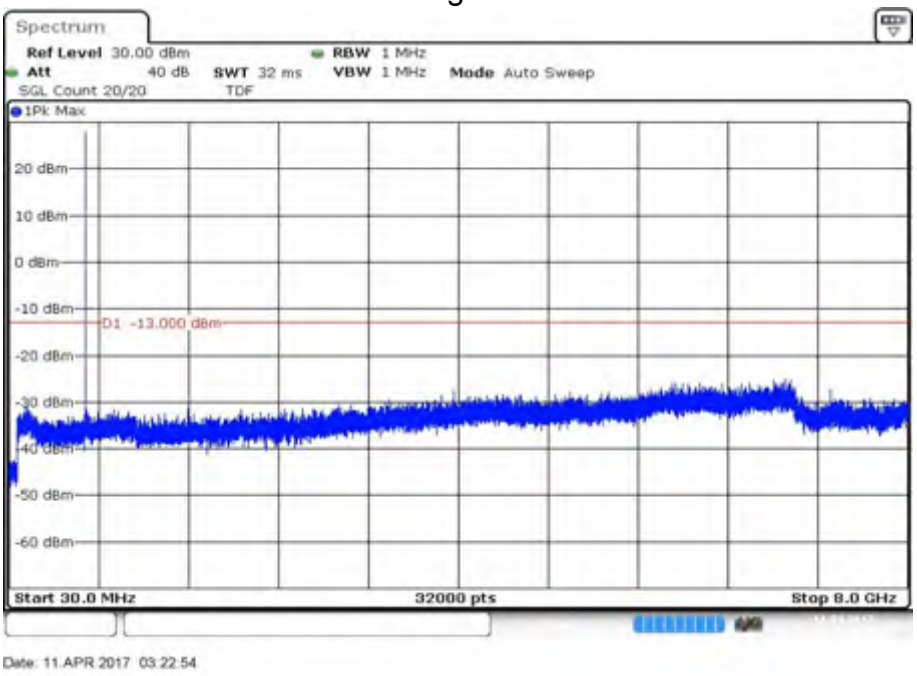


Fig.6

Copyright © SRTC

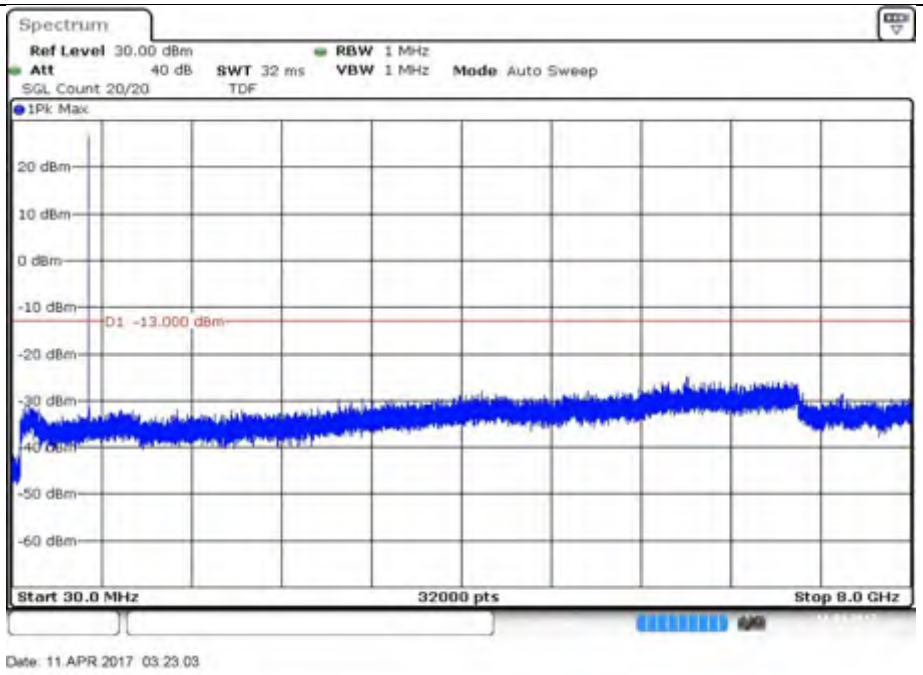


Fig.7

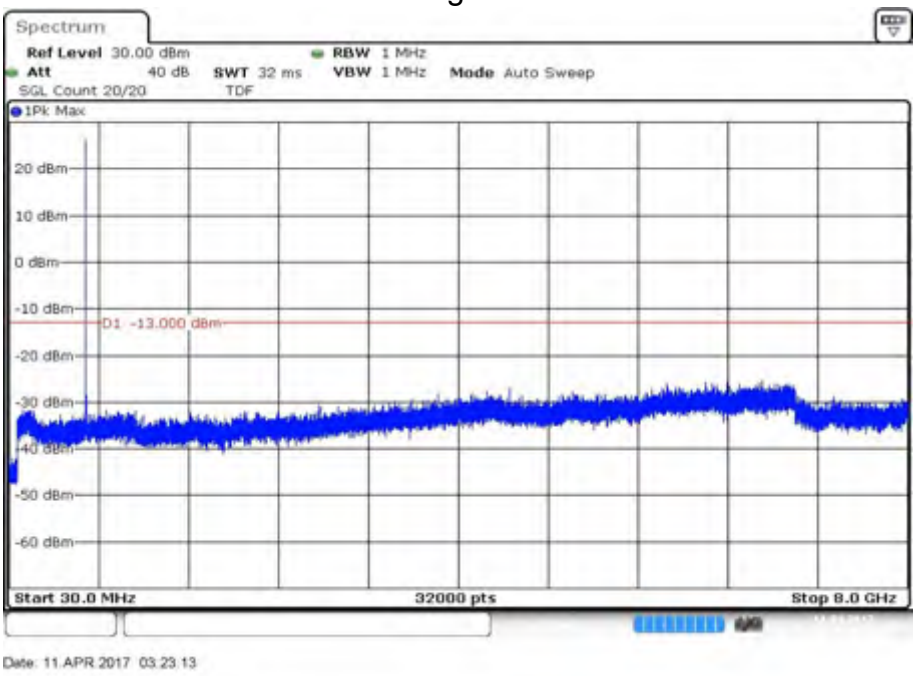


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

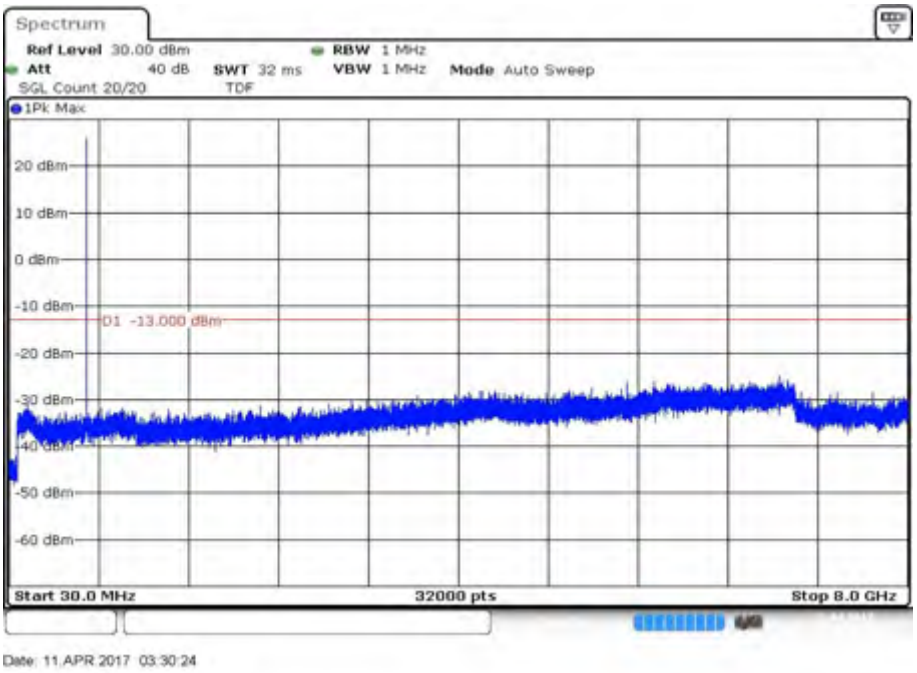


Fig.1

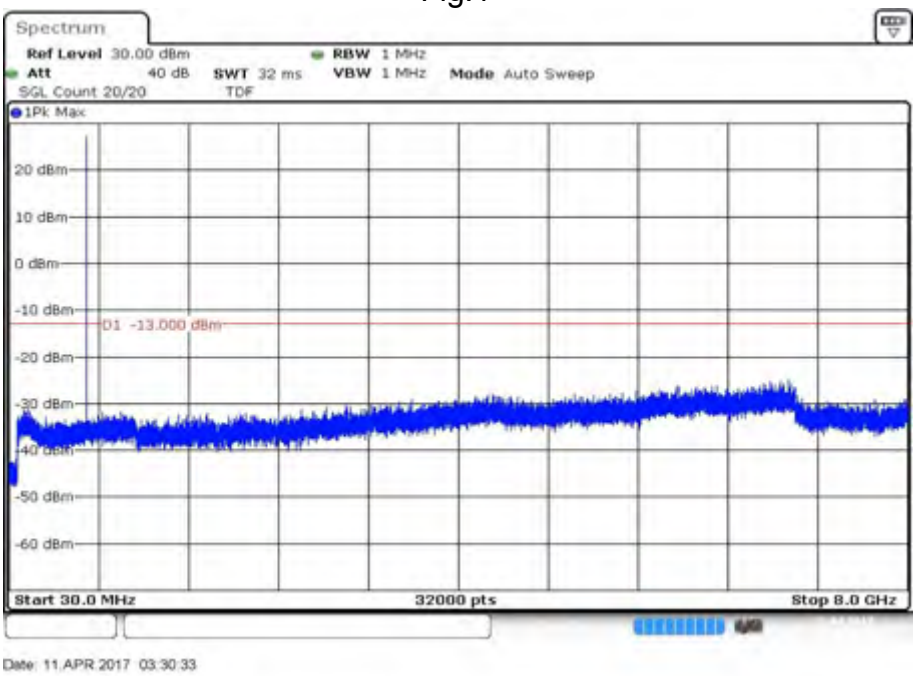


Fig.2

Copyright © SRTC

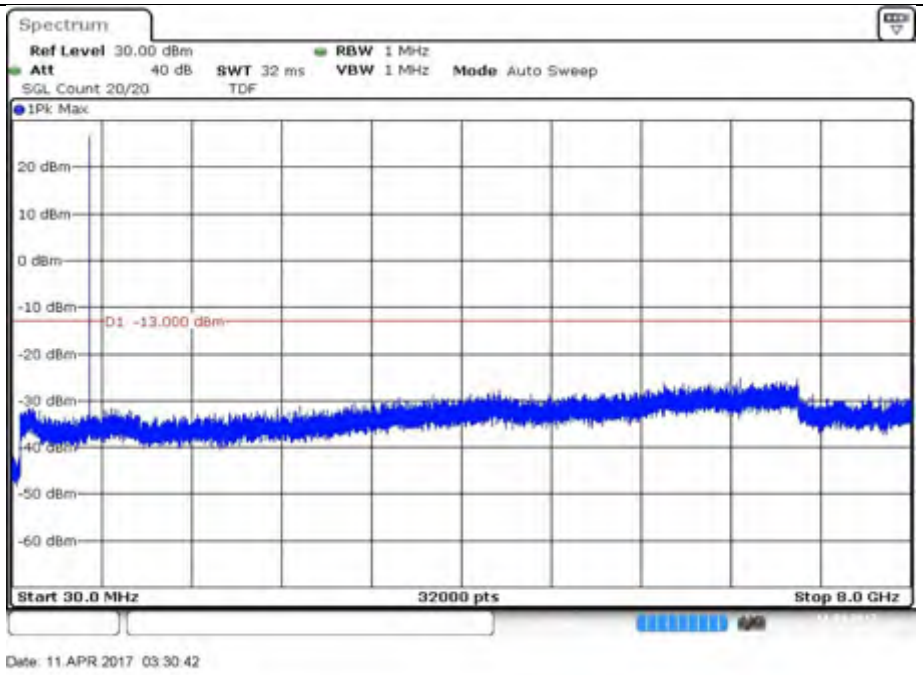


Fig.3

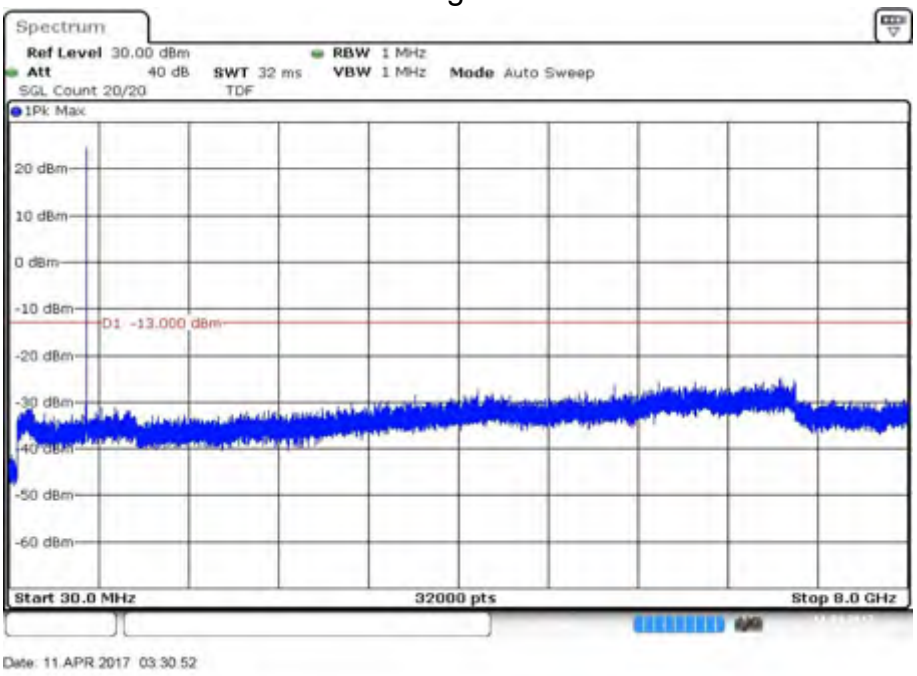


Fig.4

Copyright © SRTC

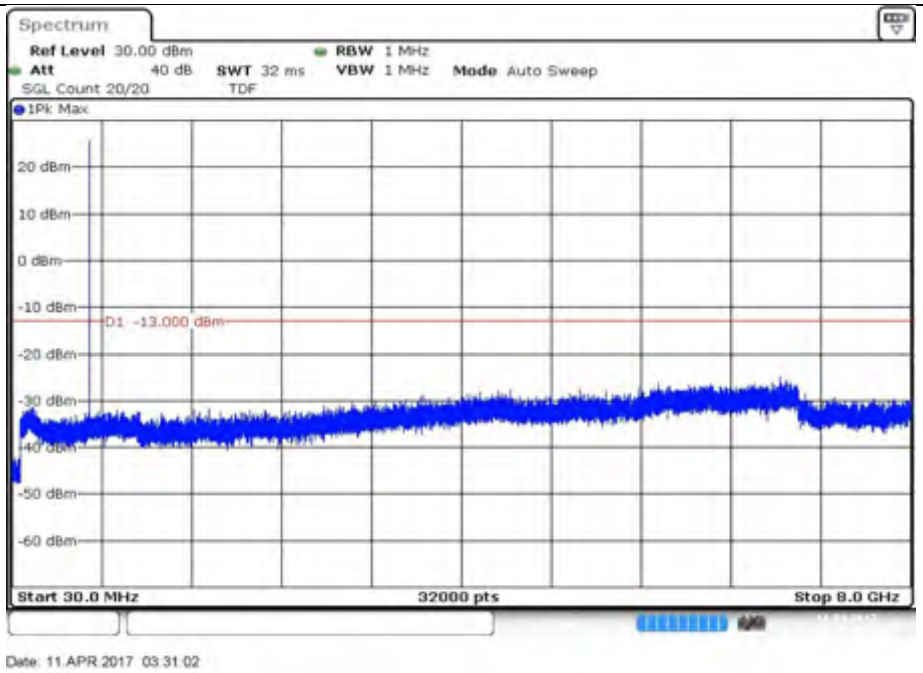


Fig.5

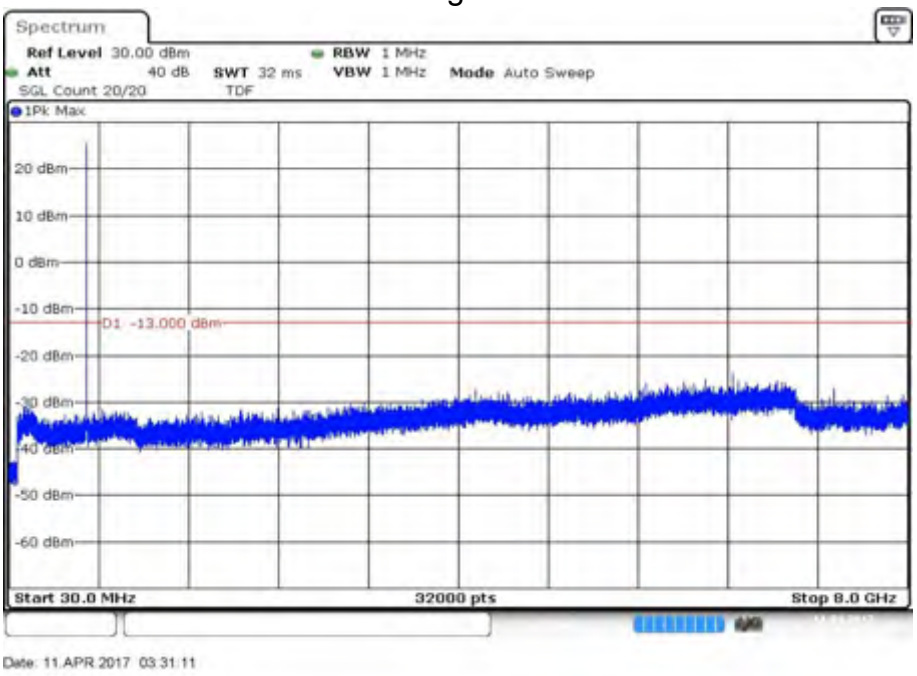


Fig.6

Copyright © SRTC

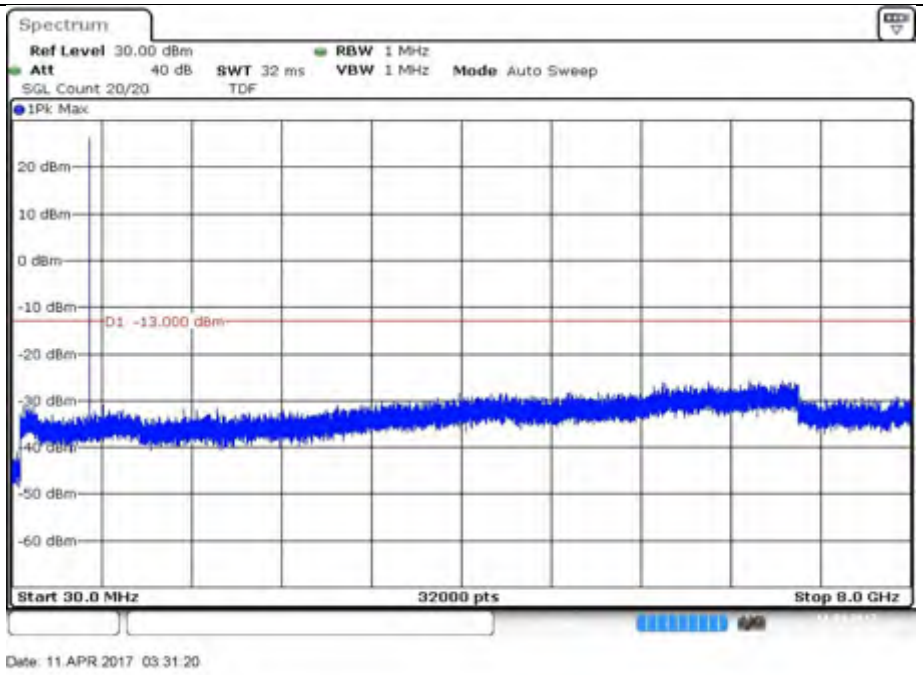


Fig.7

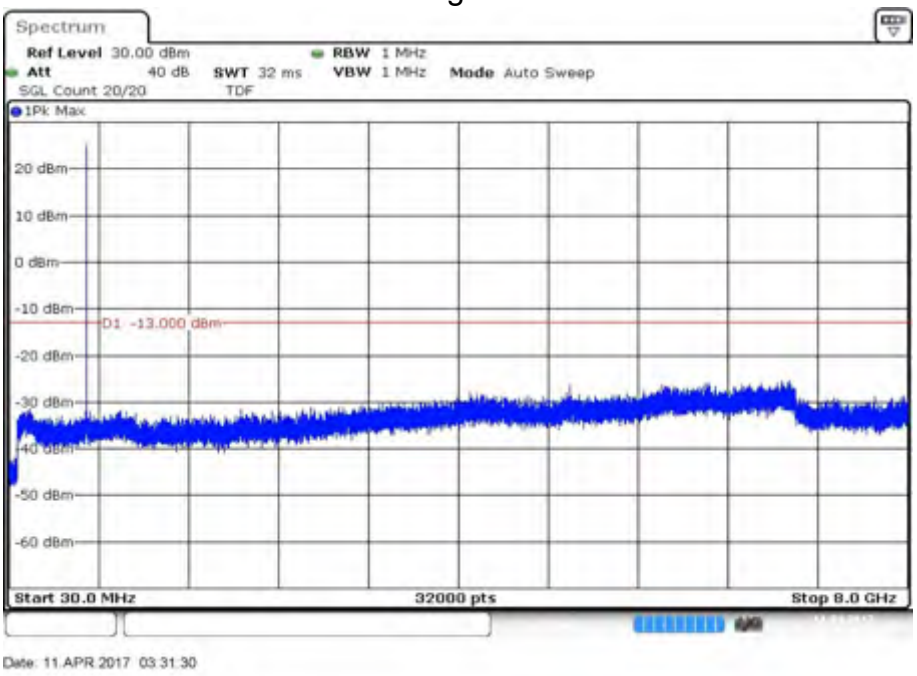


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
12	700.5	23025	3	1	0	Fig.1	Fig.5
				1	14	Fig.2	Fig.6
				8	4	Fig.3	Fig.7
				15	0	Fig.4	Fig.8

Copyright © SRTC

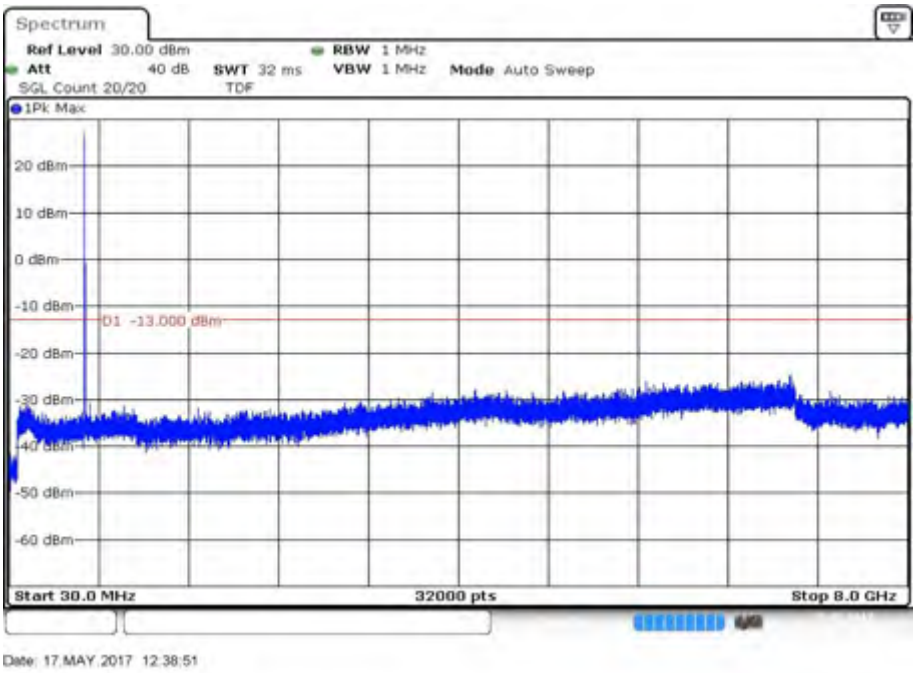


Fig.1

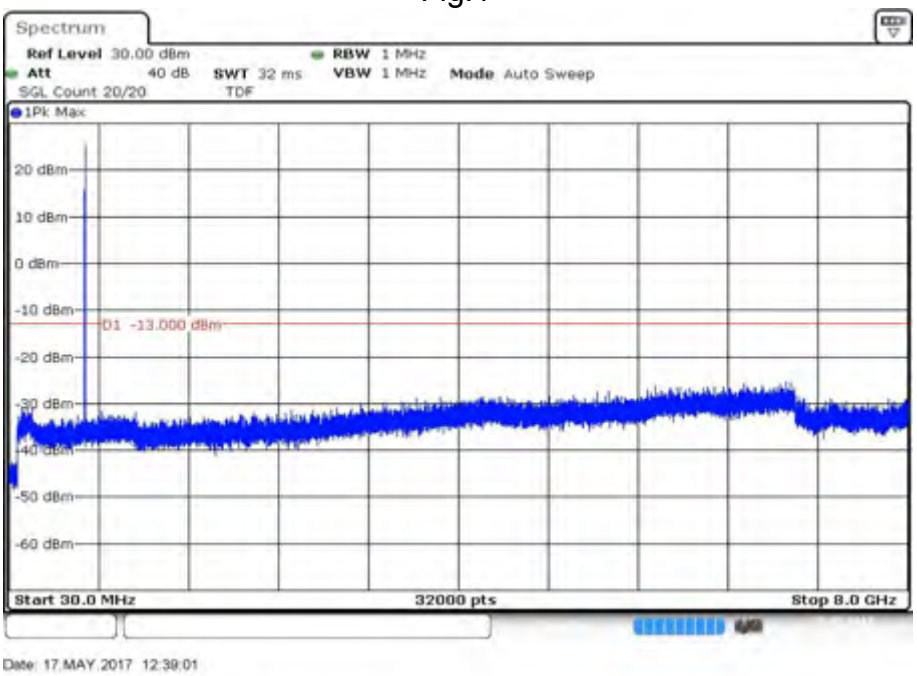


Fig.2

Copyright © SRTC

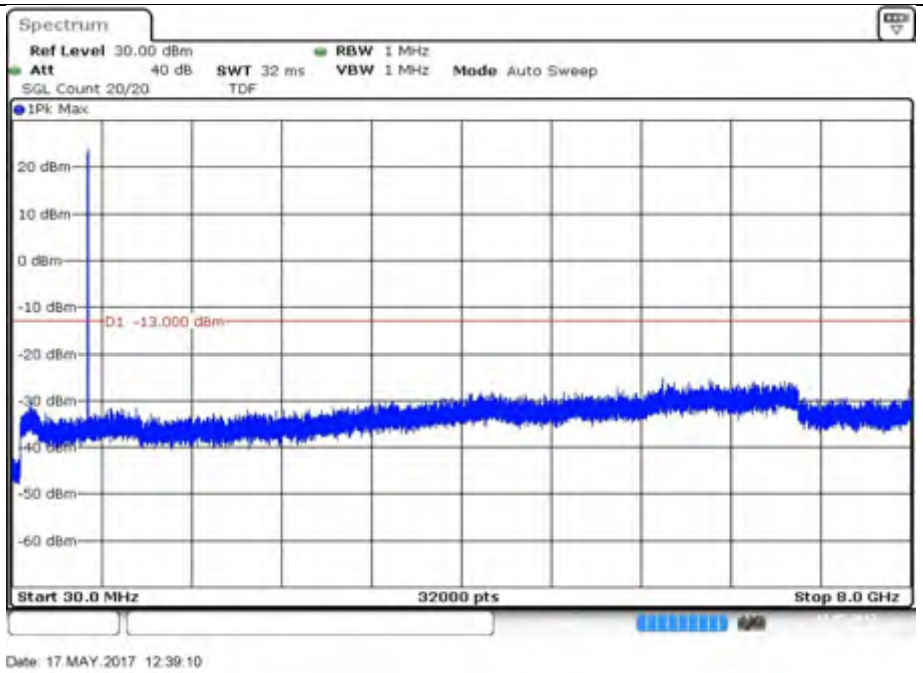


Fig.3

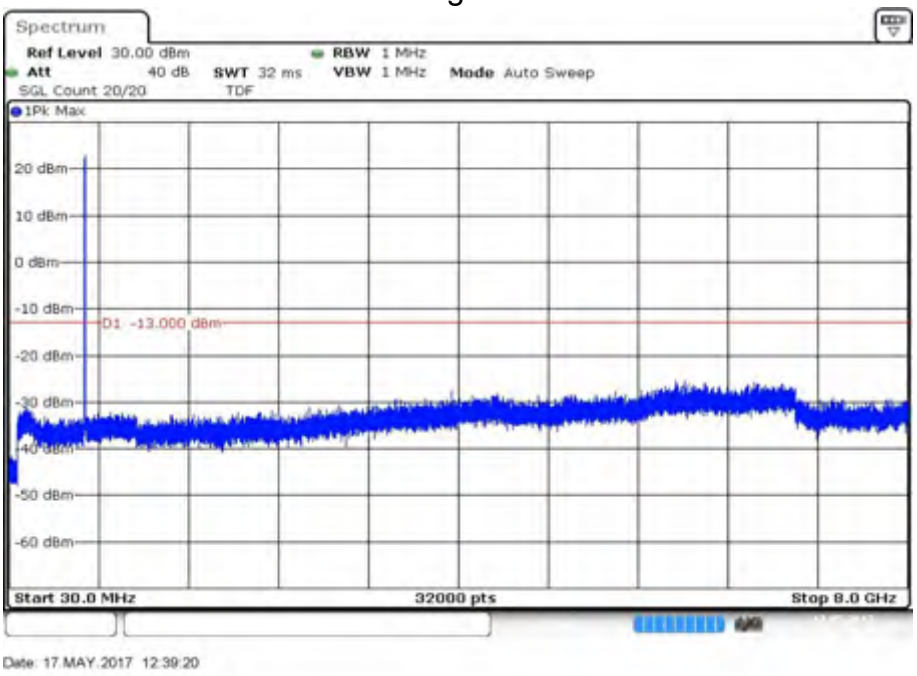


Fig.4

Copyright © SRTC

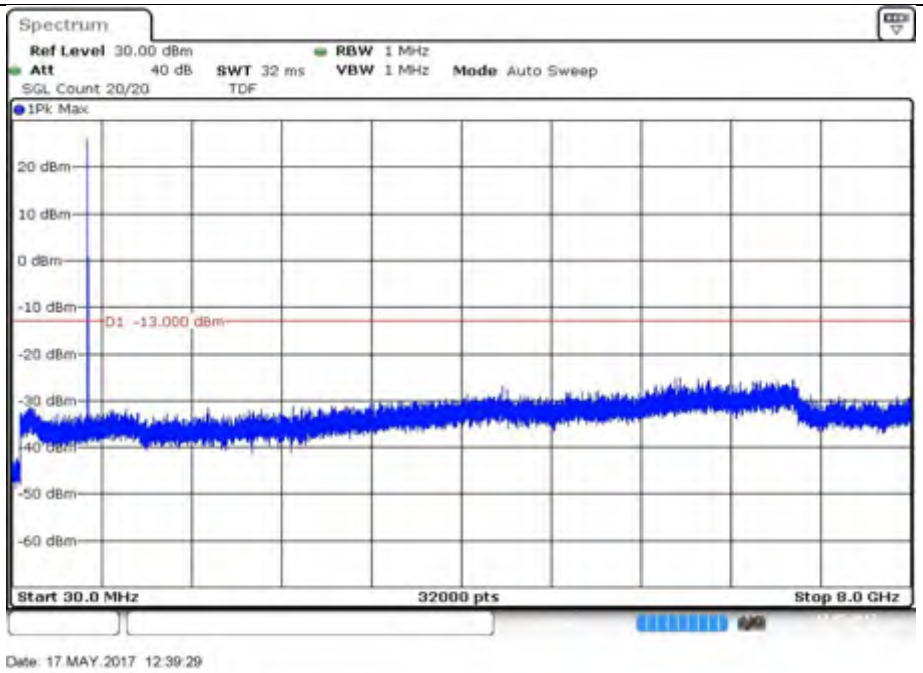


Fig.5

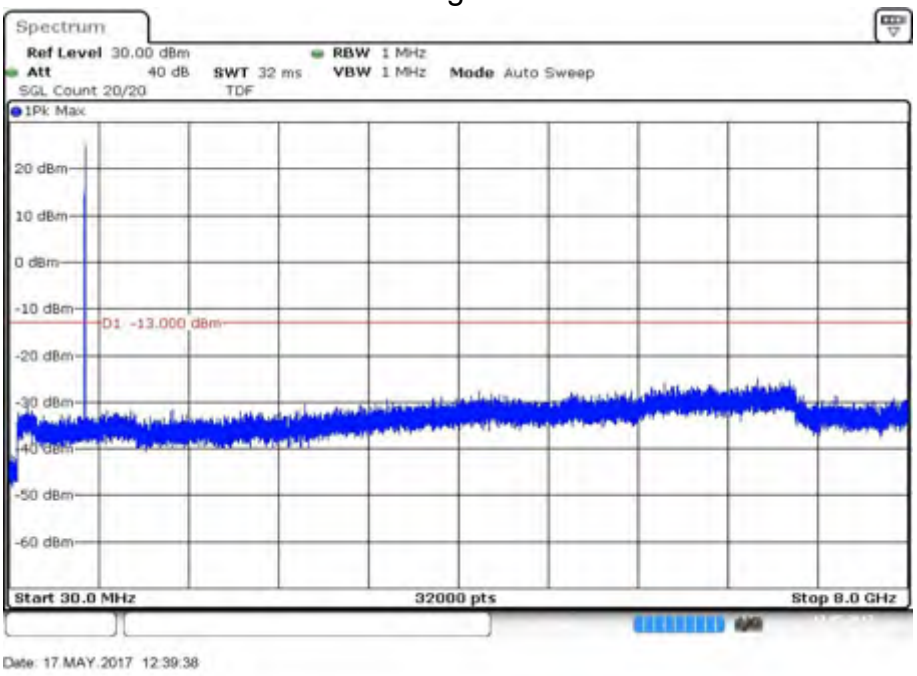


Fig.6

Copyright © SRTC

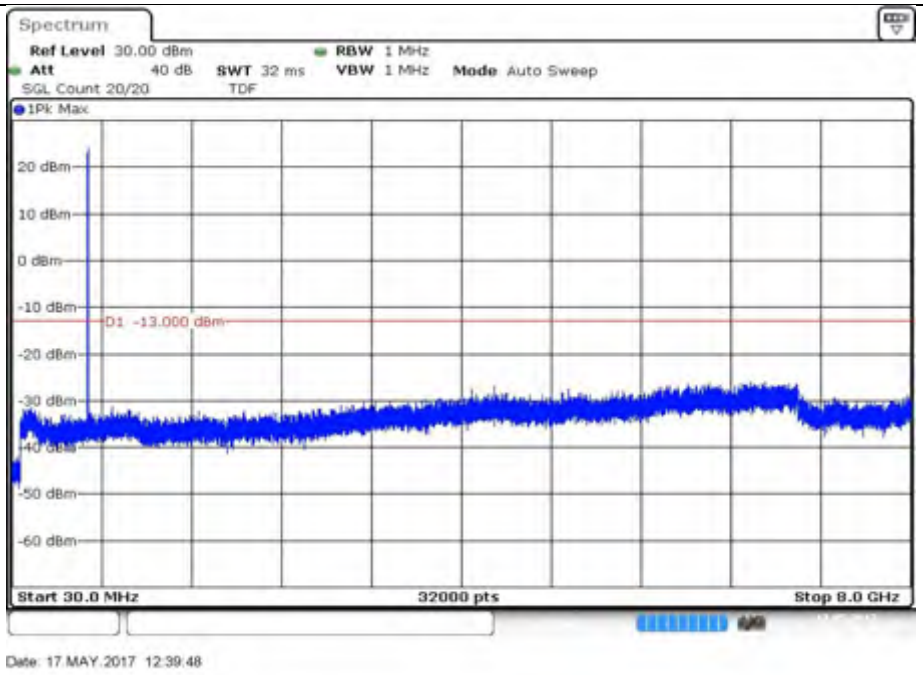


Fig.7

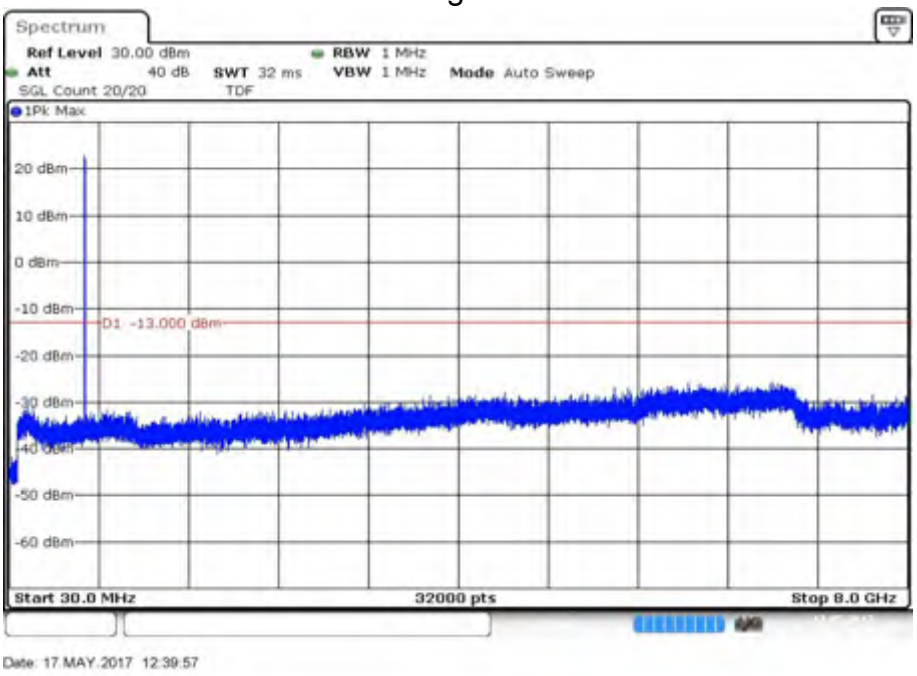


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
12	707.5	23095	3	1	0	Fig.1	Fig.5
				1	14	Fig.2	Fig.6
				8	4	Fig.3	Fig.7
				15	0	Fig.4	Fig.8

Copyright © SRTC

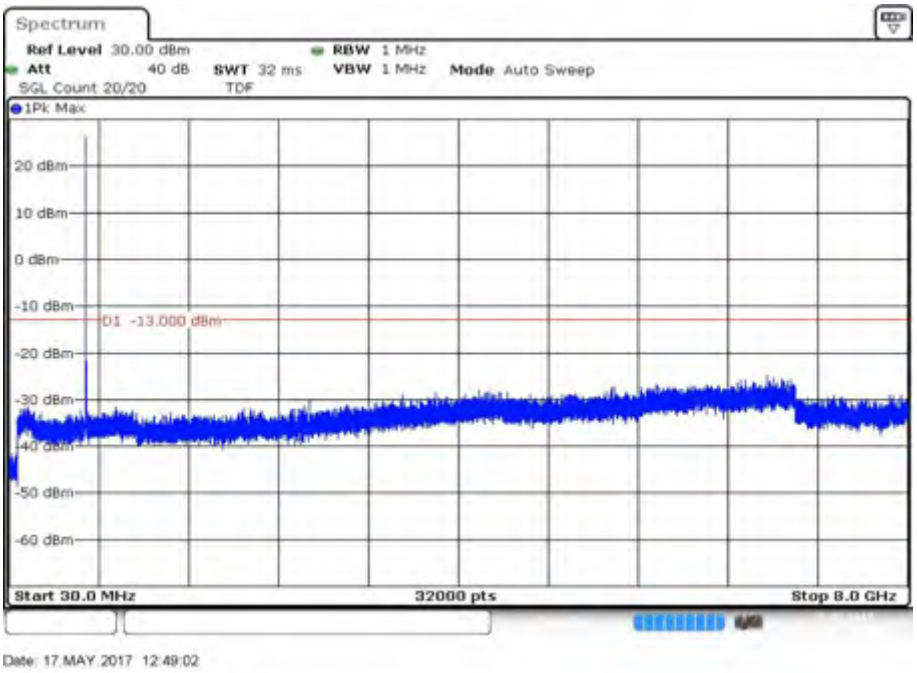


Fig.1

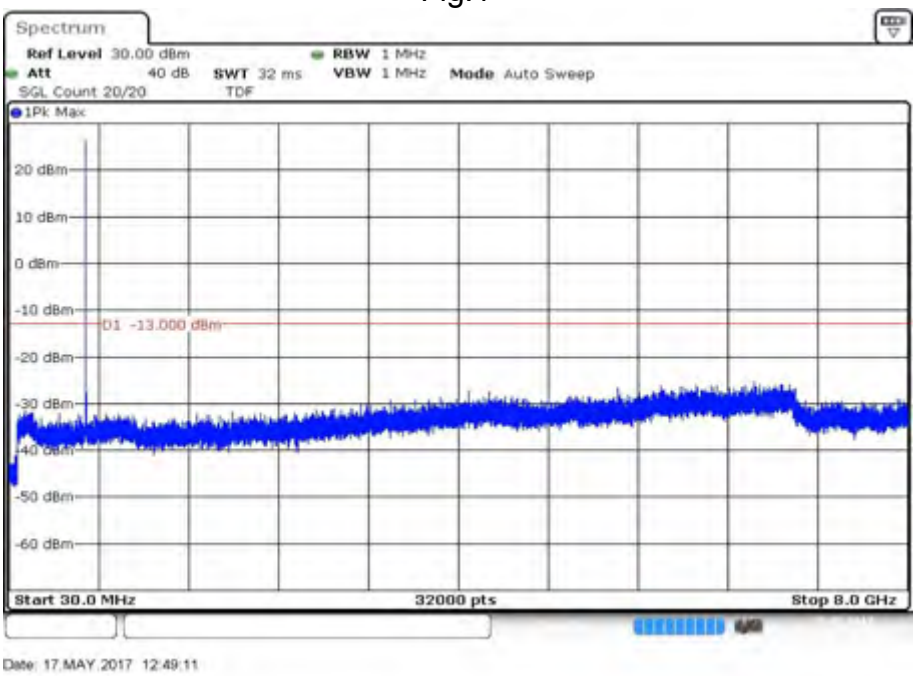


Fig.2

Copyright © SRTC

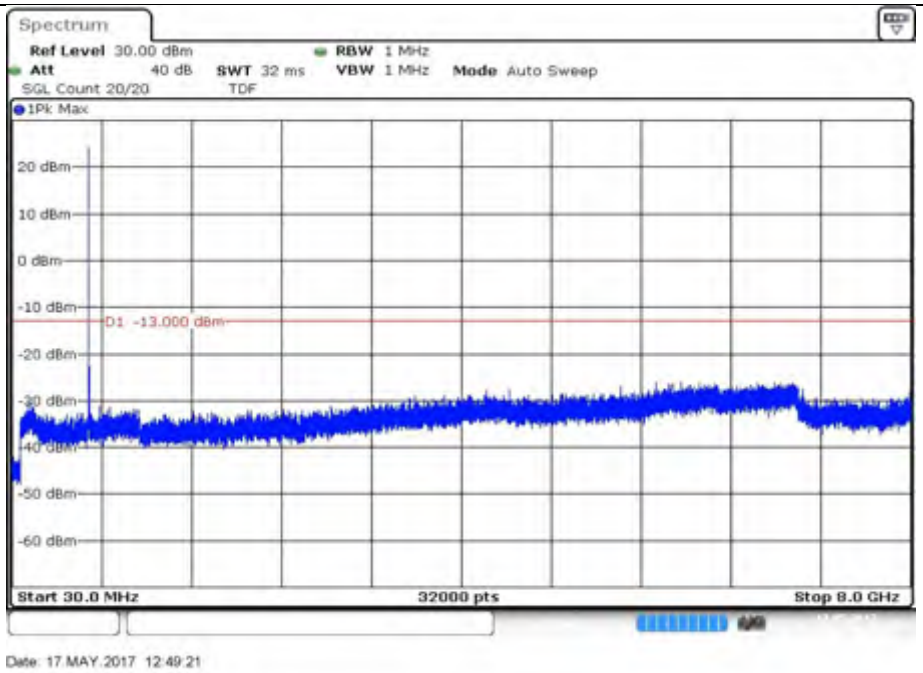


Fig.3

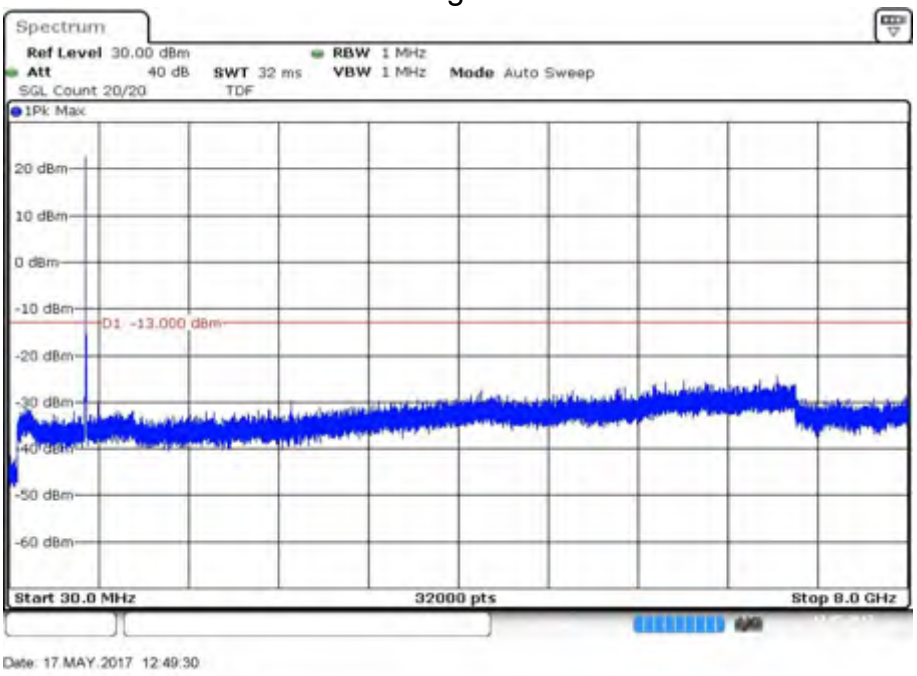


Fig.4

Copyright © SRTC

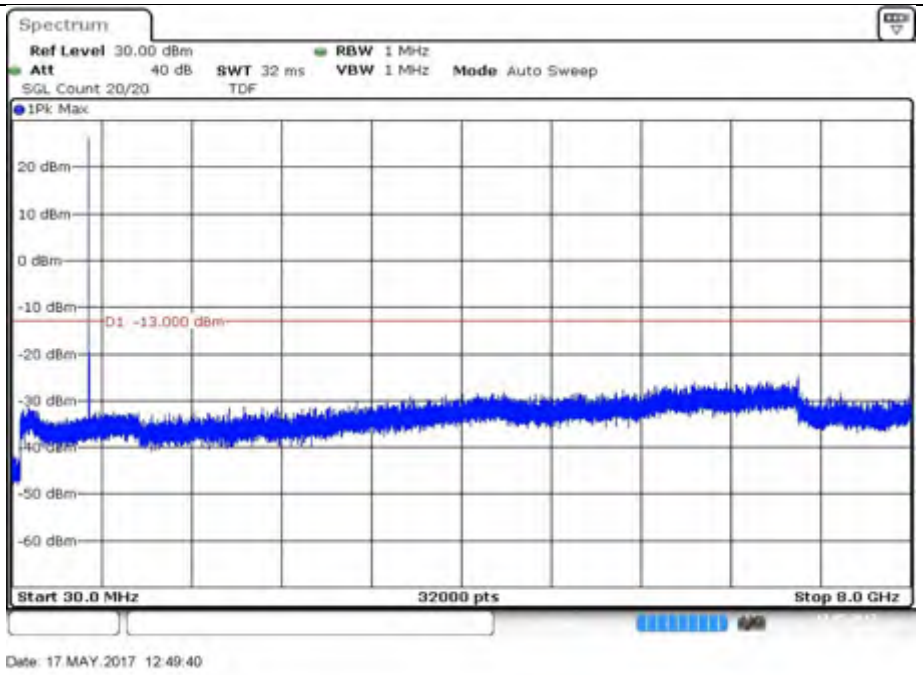


Fig.5

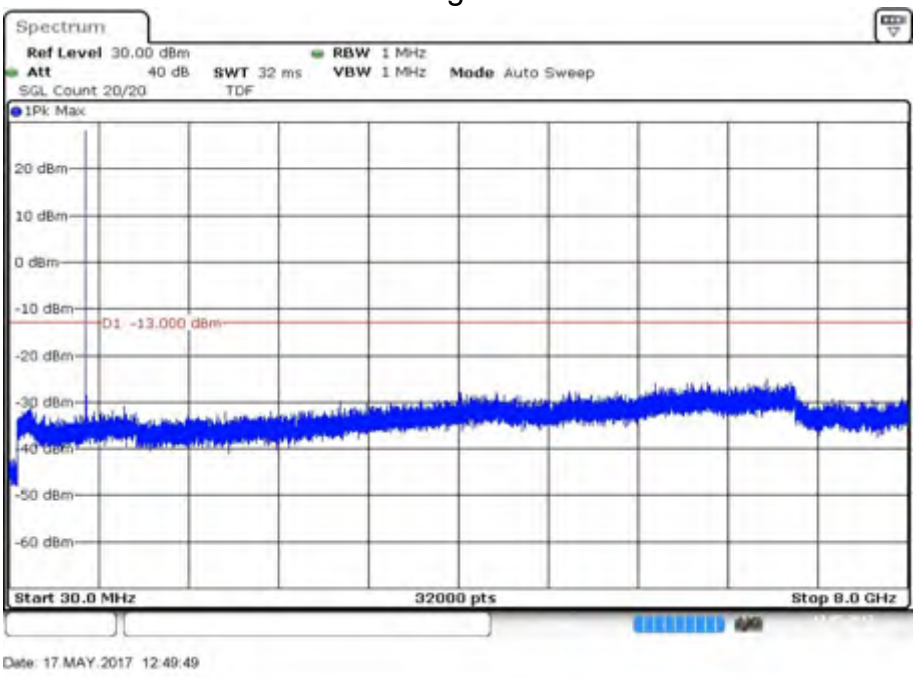


Fig.6

Copyright © SRTC

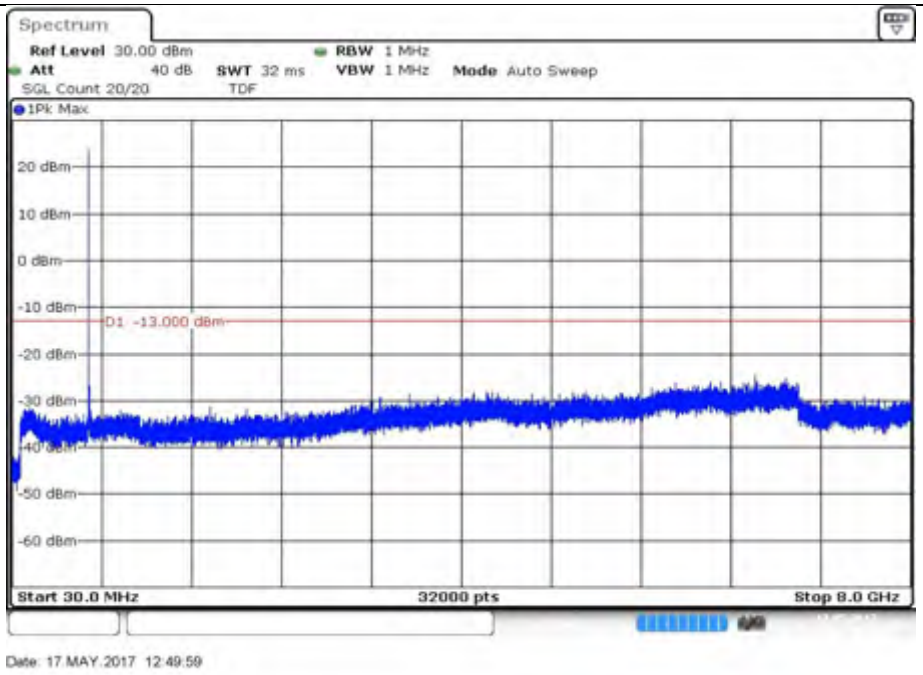


Fig.7

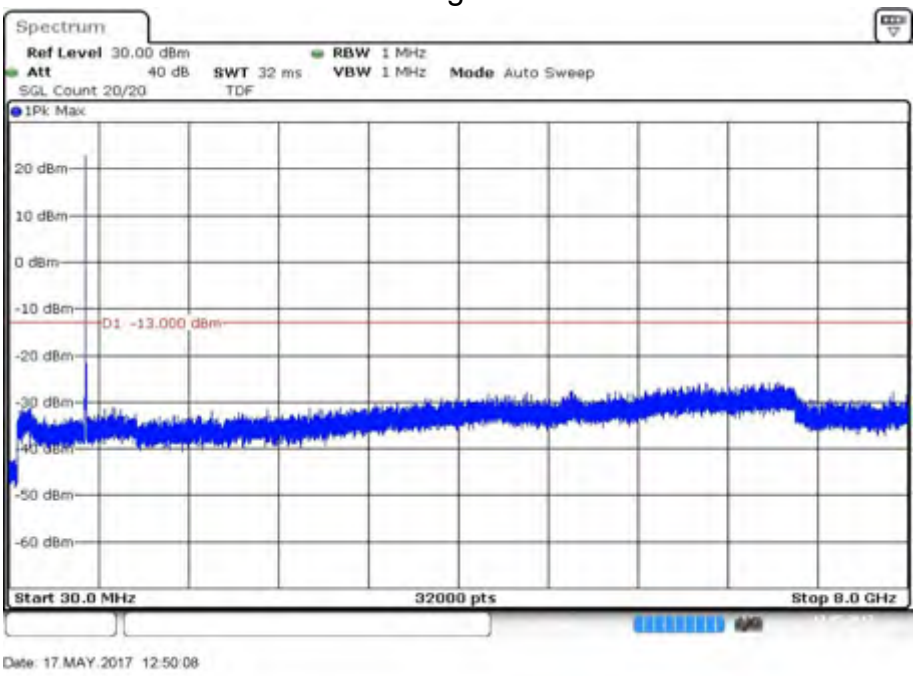


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
12	714.5	23165	3	1	0	Fig.1	Fig.5
				1	14	Fig.2	Fig.6
				8	4	Fig.3	Fig.7
				15	0	Fig.4	Fig.8

Copyright © SRTC

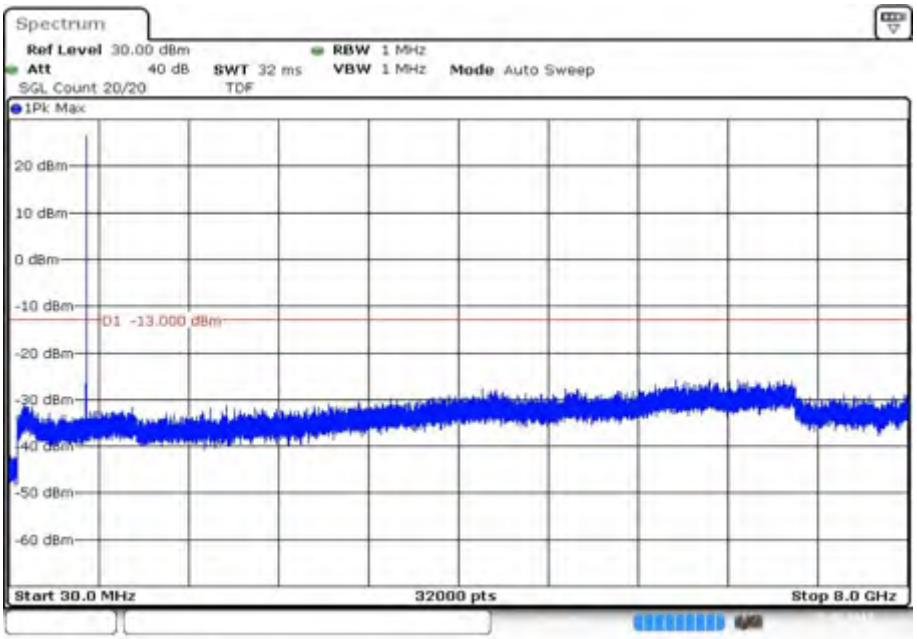


Fig.1

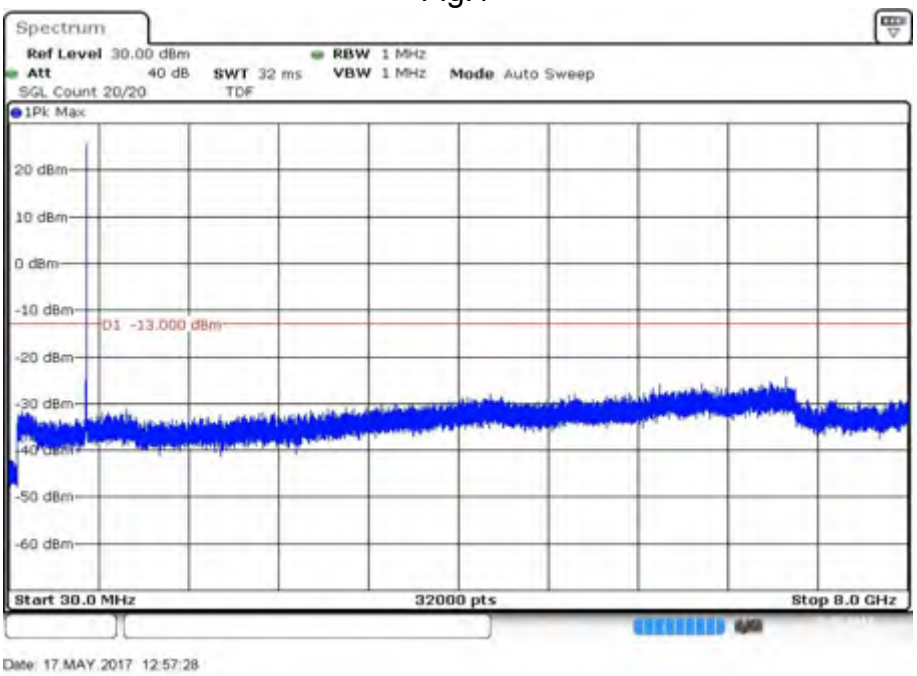


Fig.2

Copyright © SRTC

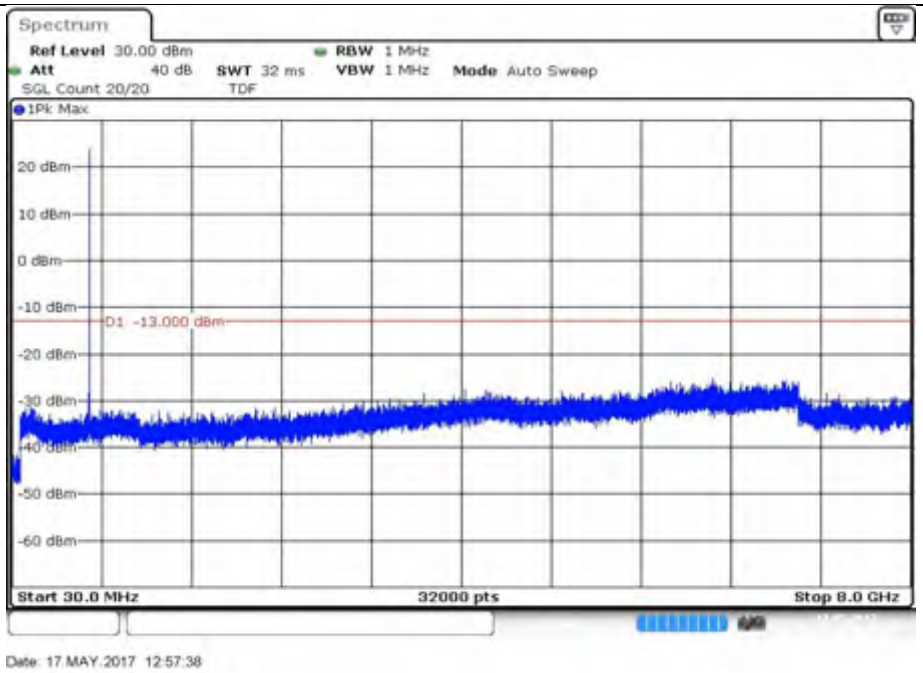


Fig.3

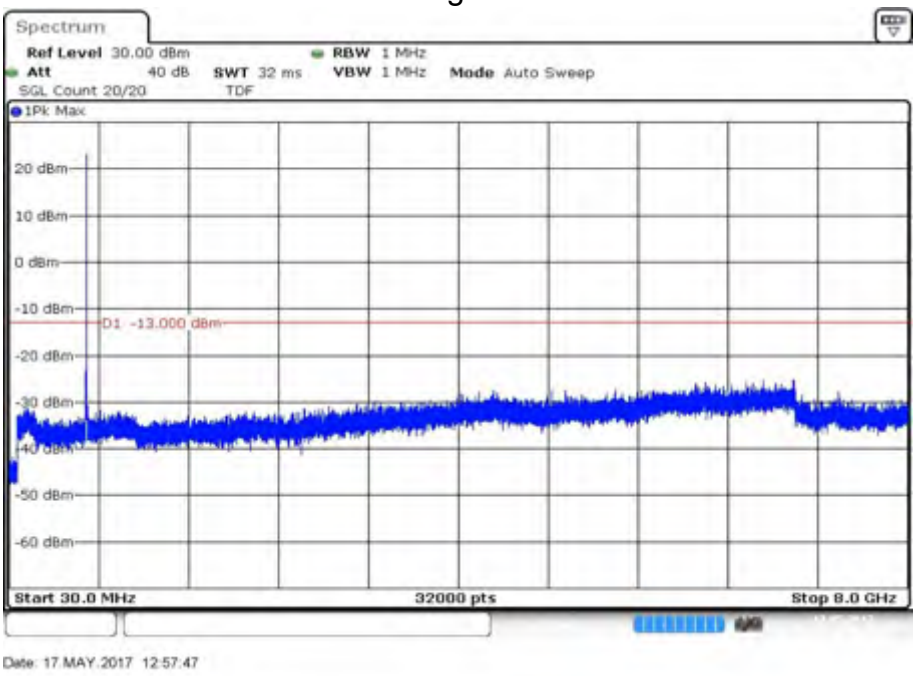


Fig.4

Copyright © SRTC

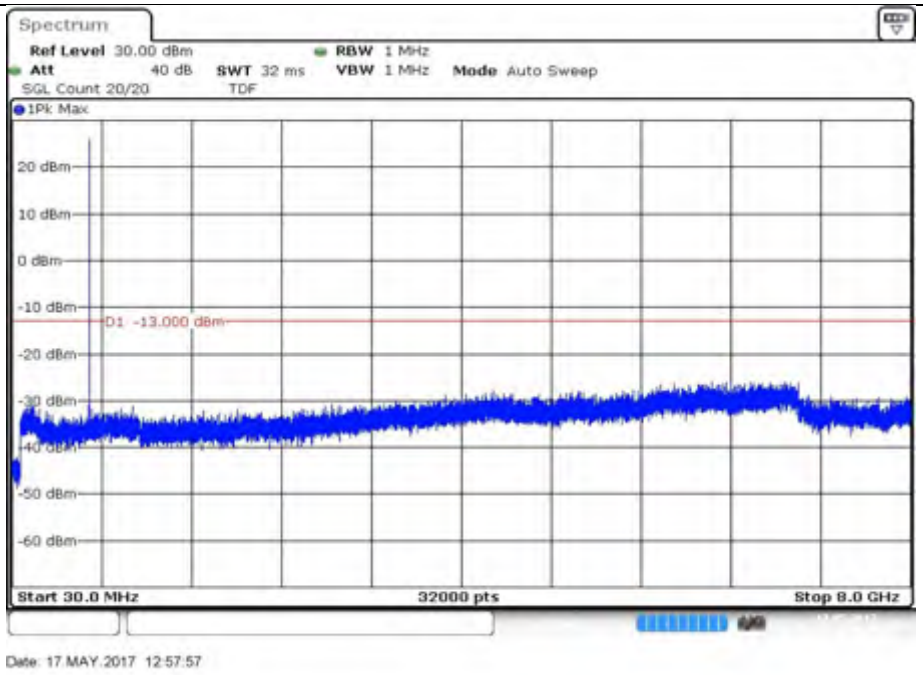


Fig.5

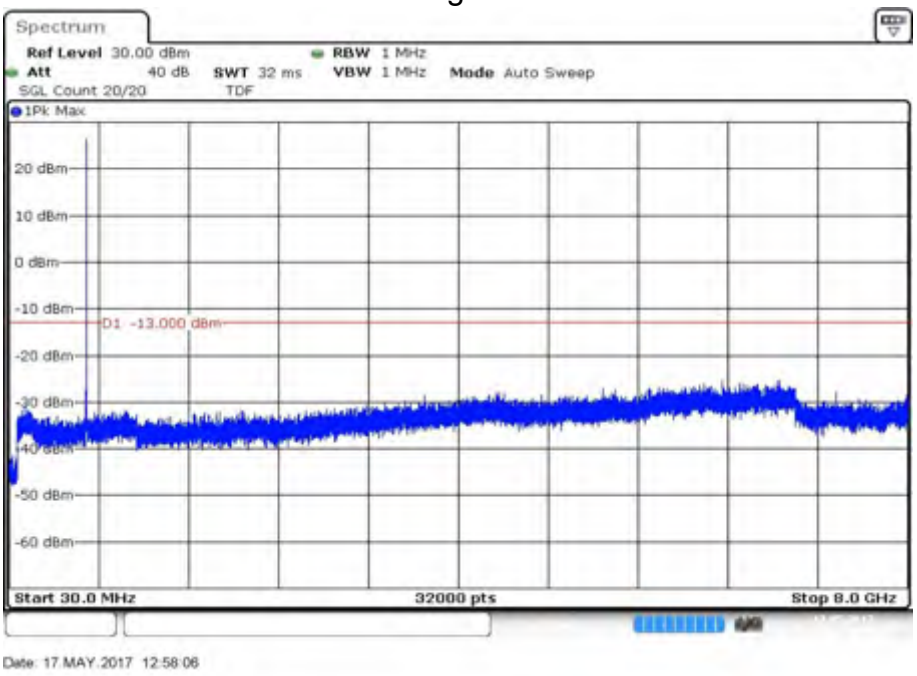


Fig.6

Copyright © SRTC

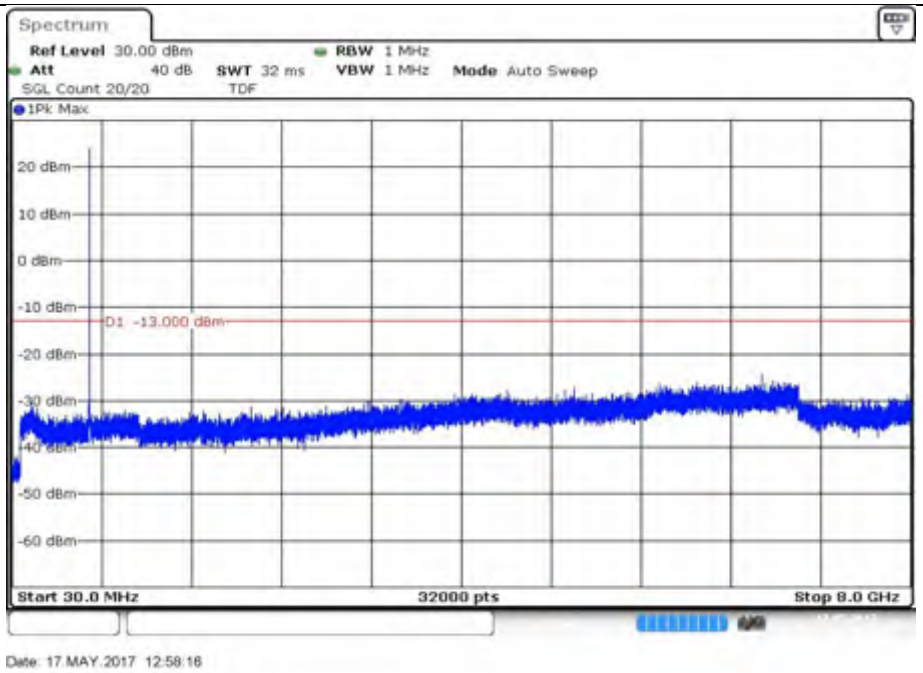


Fig.7

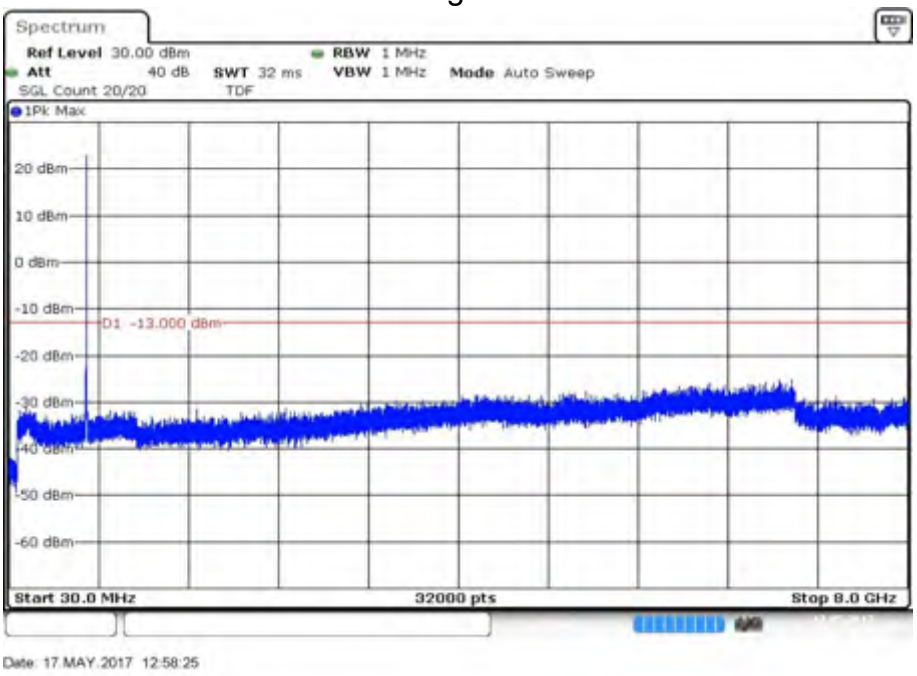


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

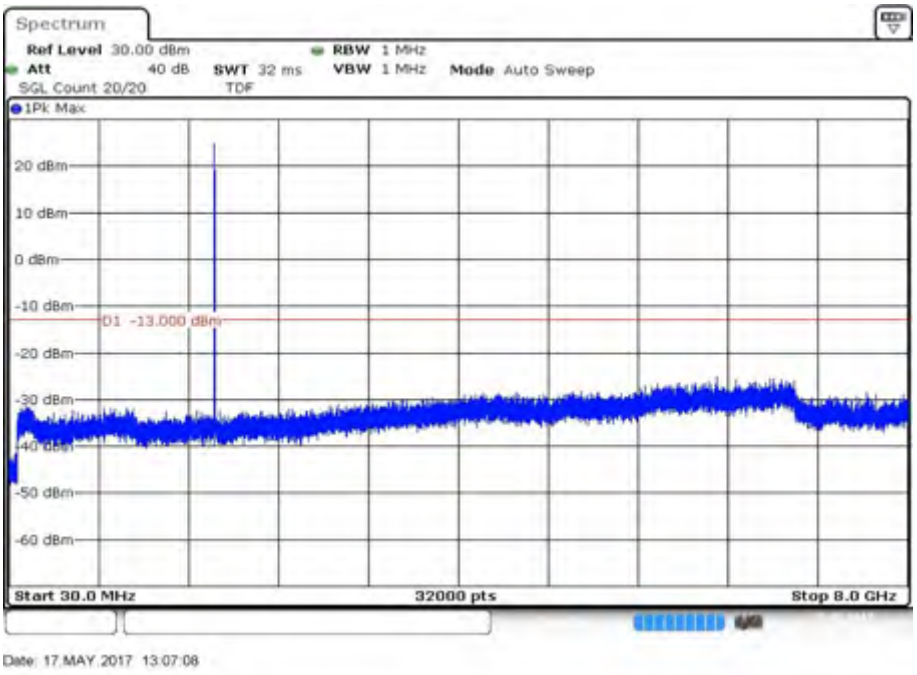


Fig.1

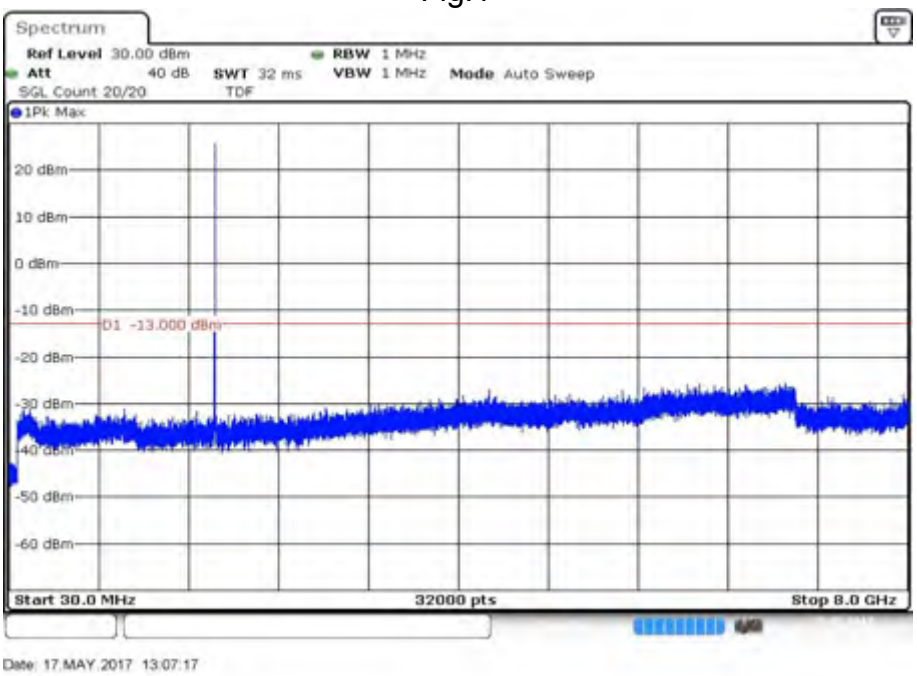


Fig.2

Copyright © SRTC

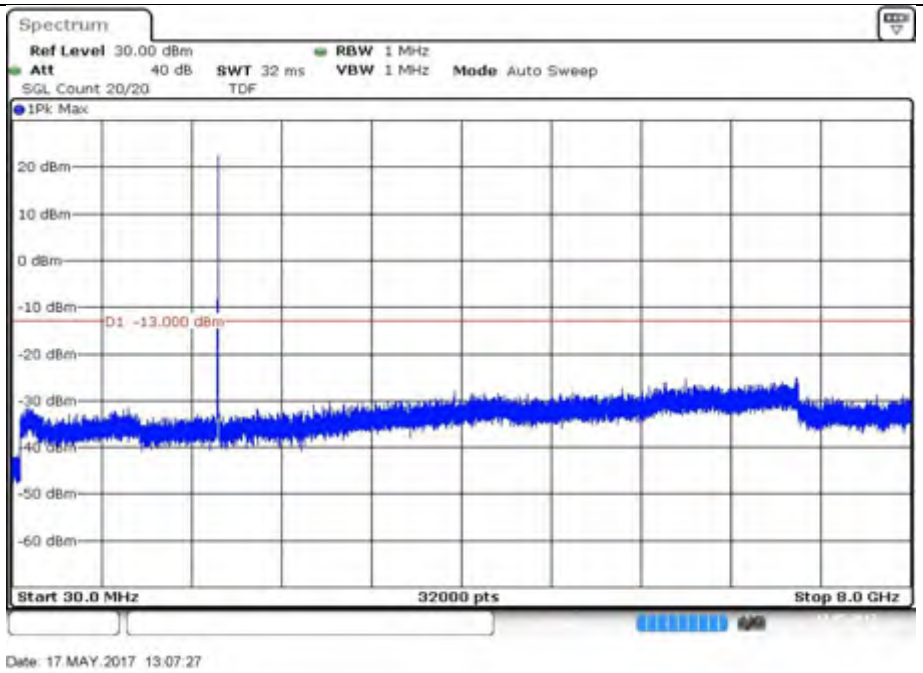


Fig.3

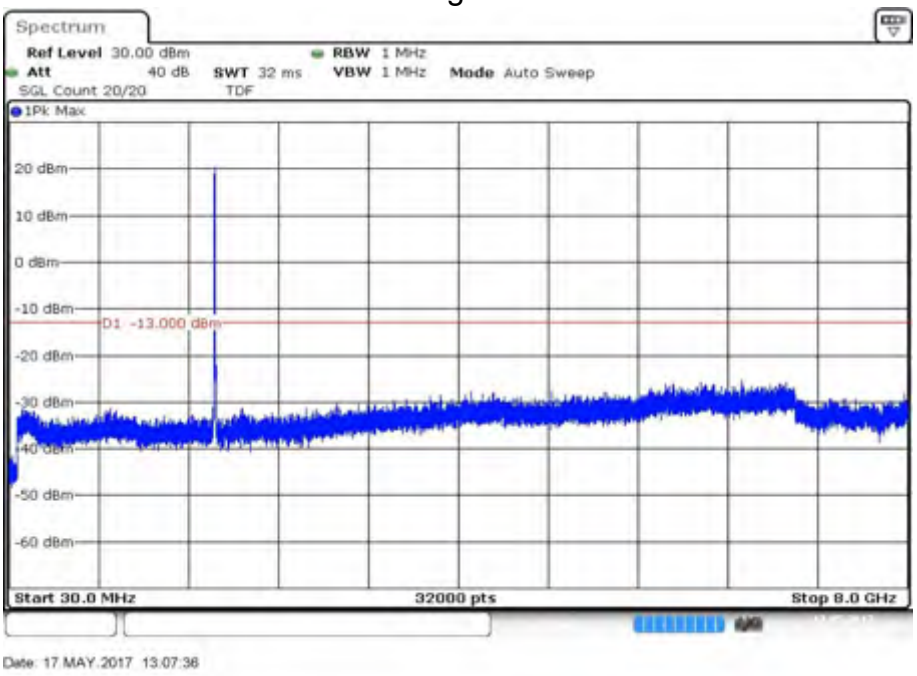


Fig.4

Copyright © SRTC

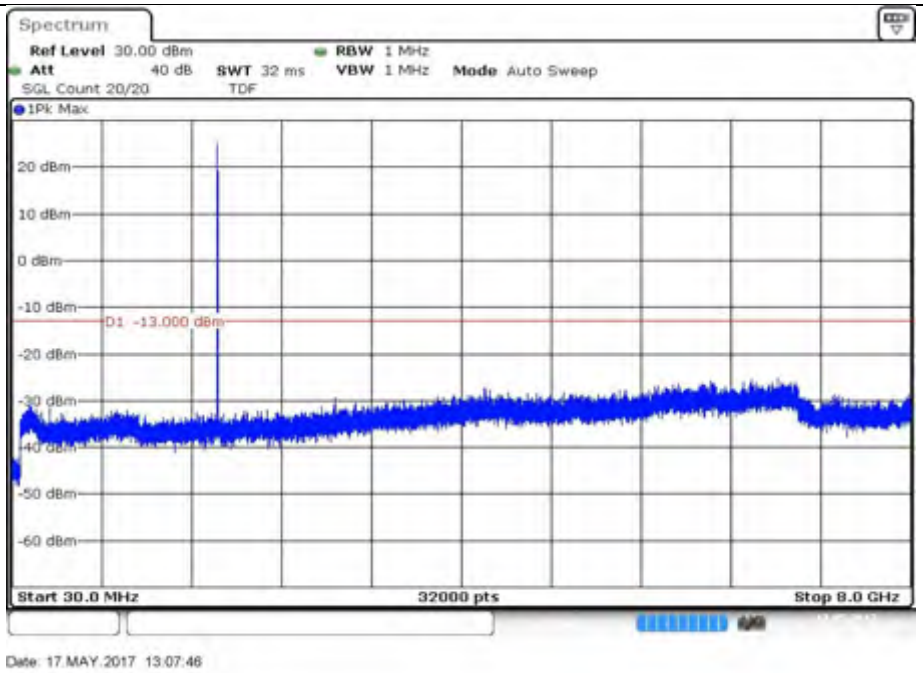


Fig.5

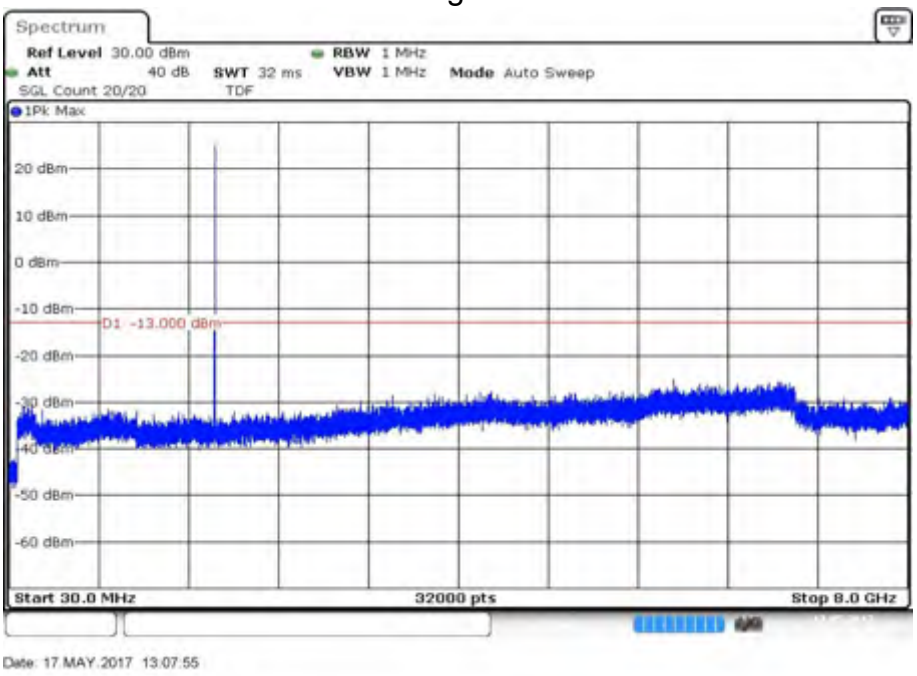


Fig.6

Copyright © SRTC

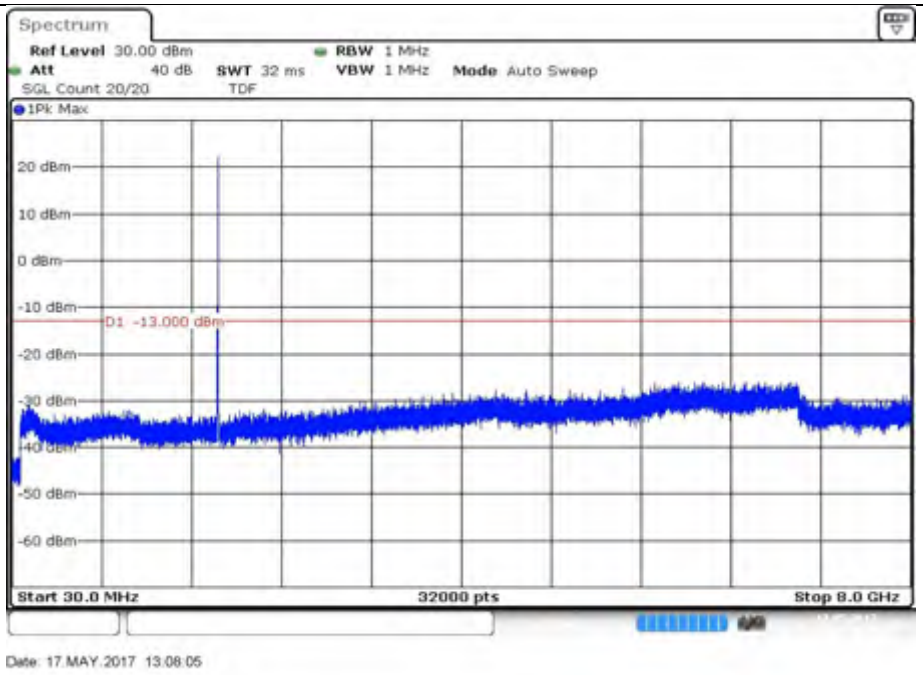


Fig.7

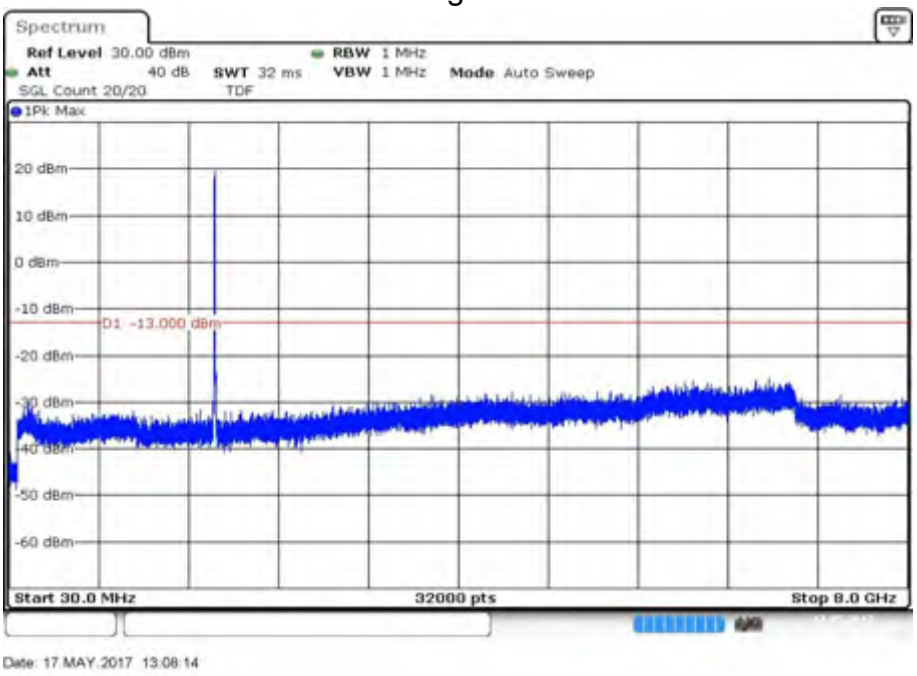


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
12	707.5	23095	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

Copyright © SRTC

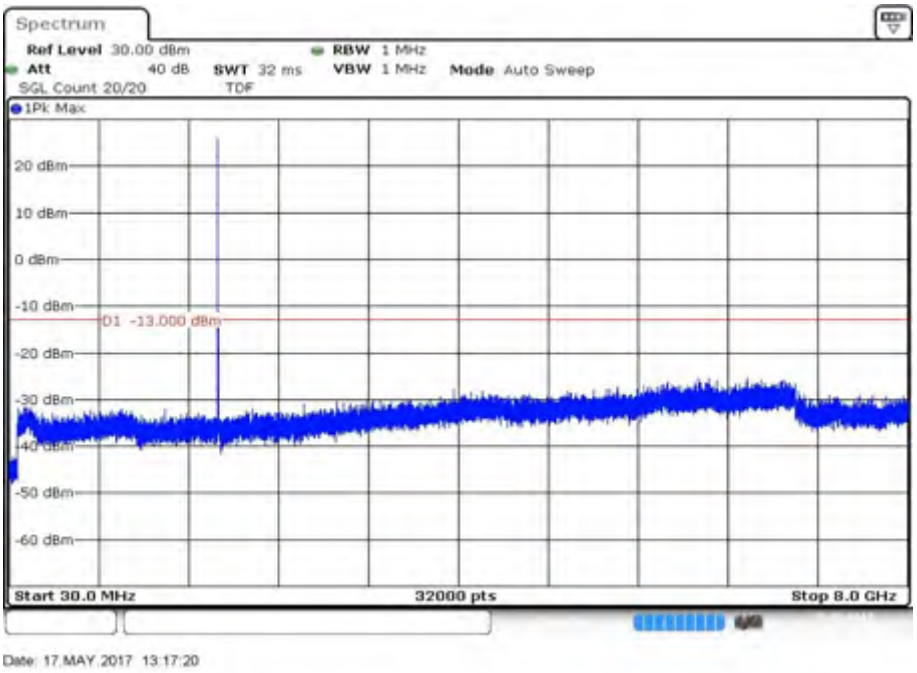


Fig.1

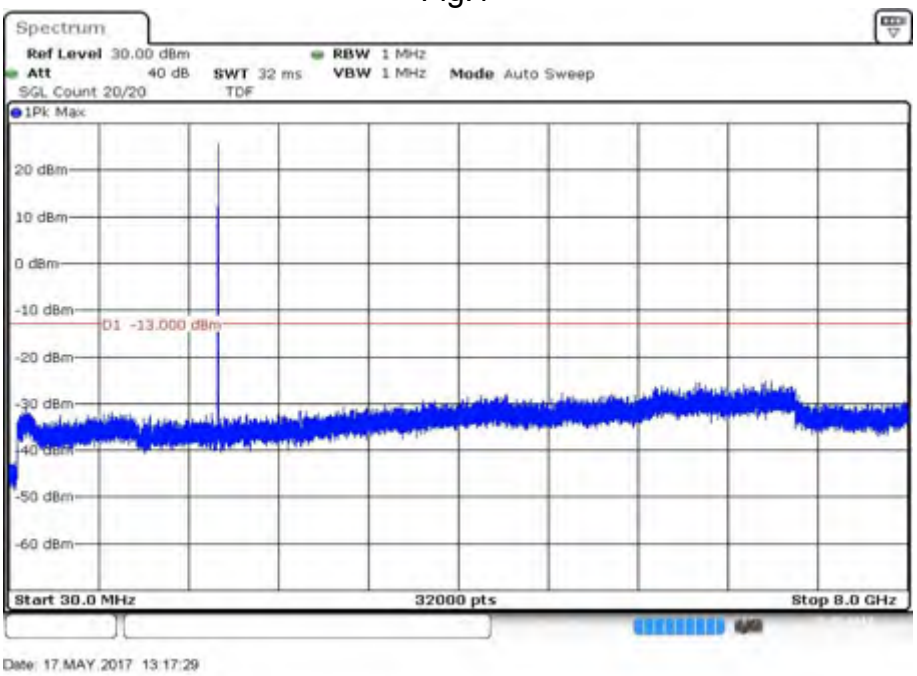


Fig.2

Copyright © SRTC

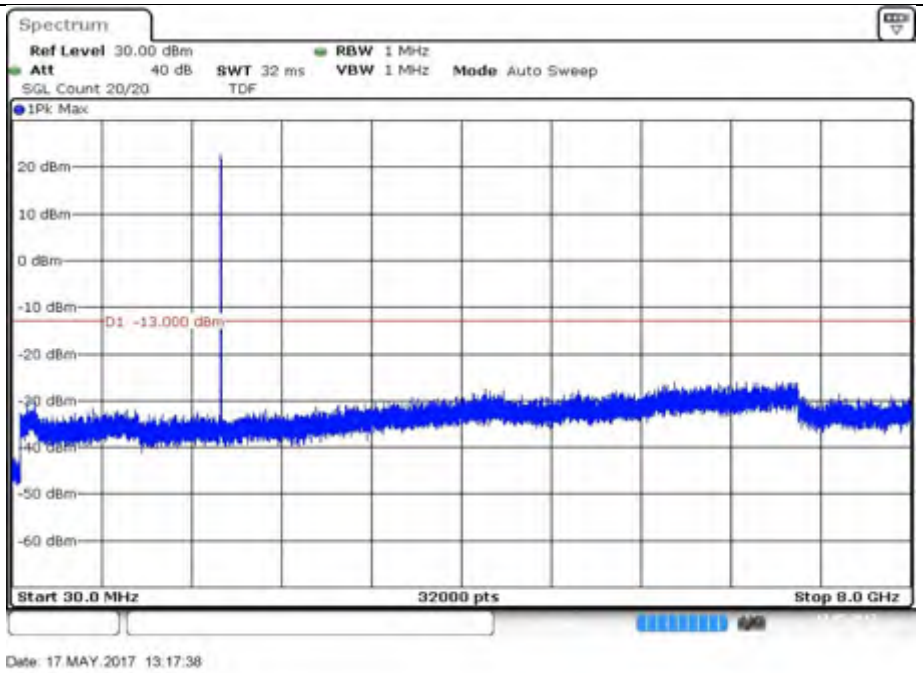


Fig.3

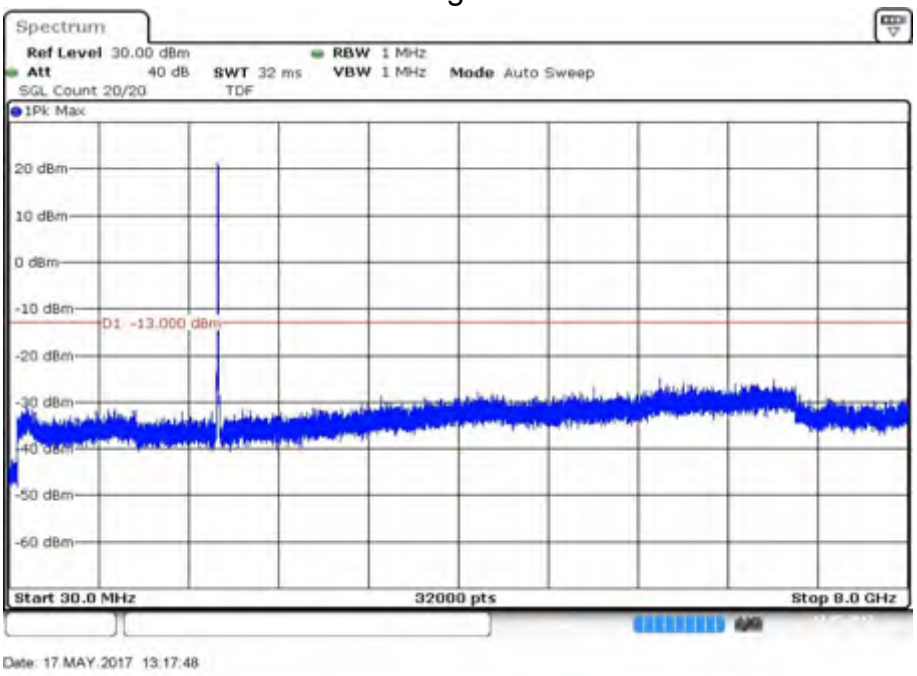


Fig.4

Copyright © SRTC

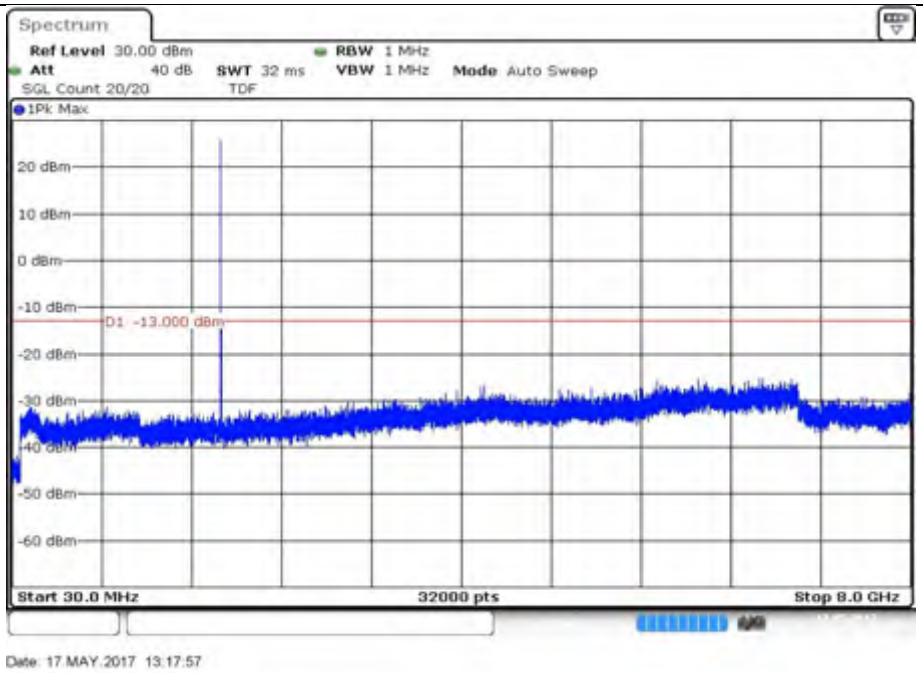


Fig.5

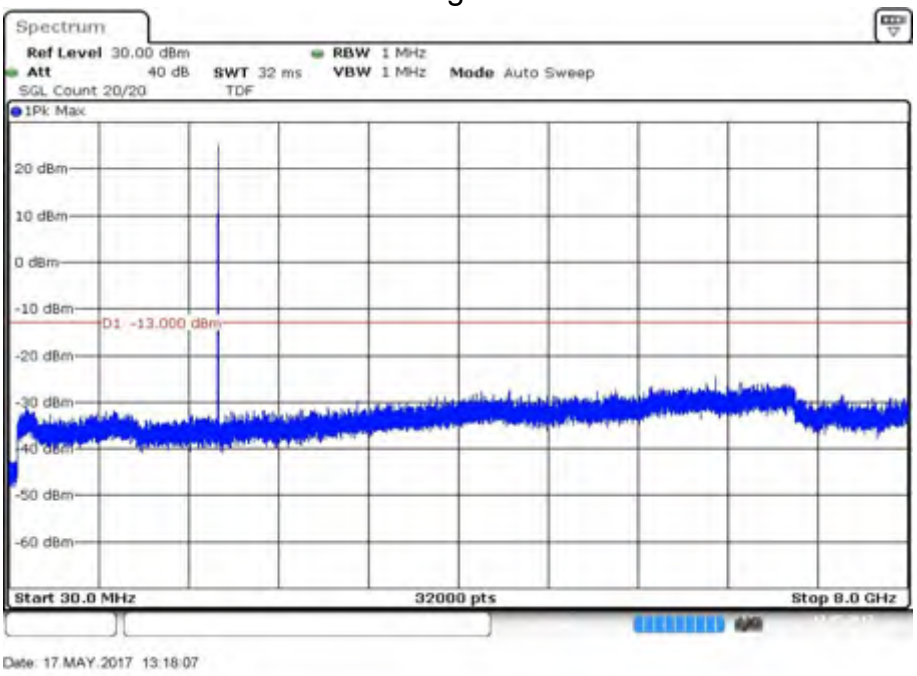


Fig.6

Copyright © SRTC

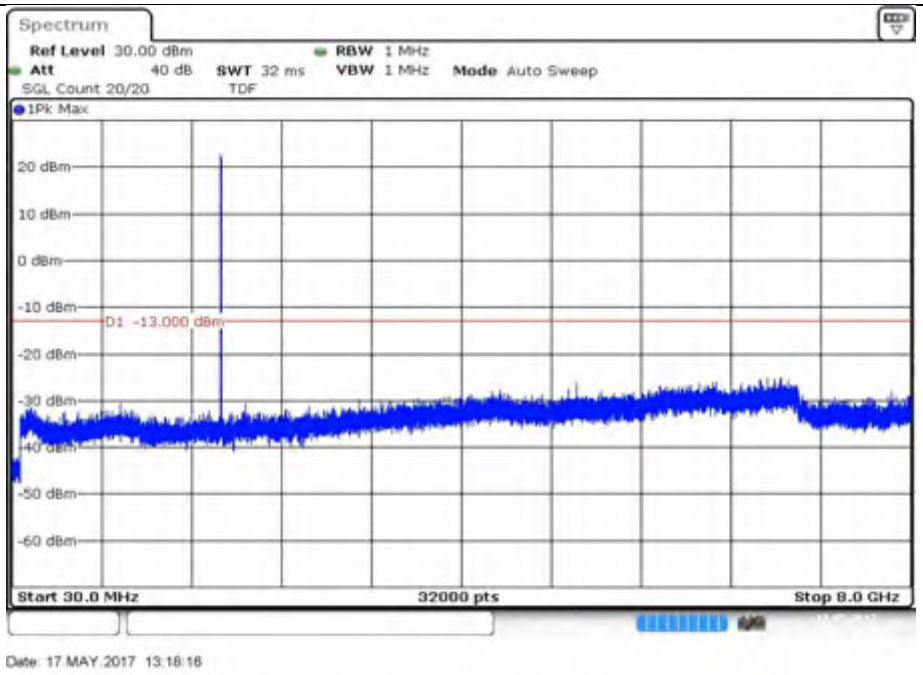


Fig.7

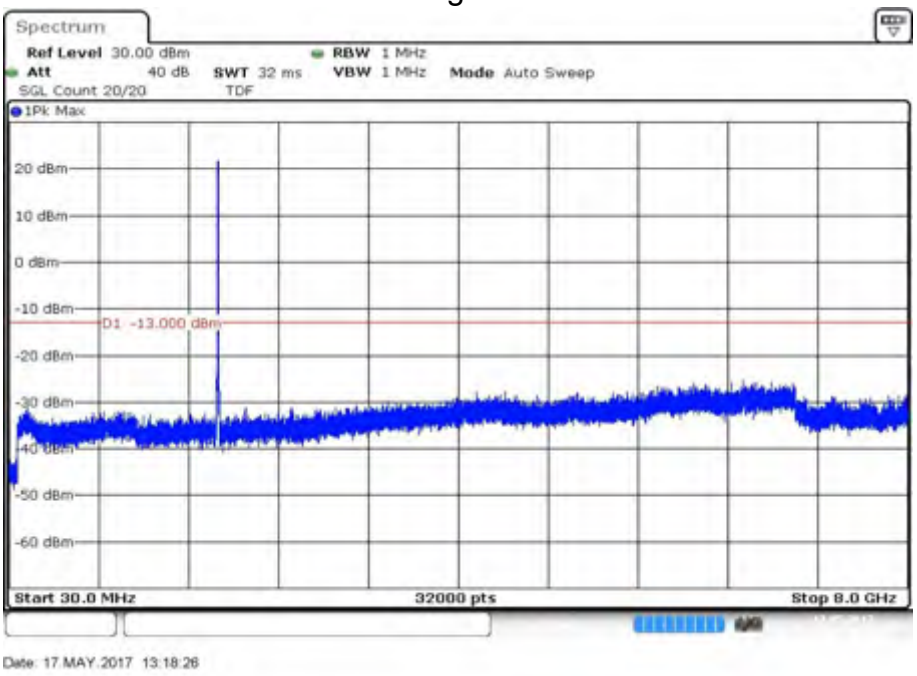


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

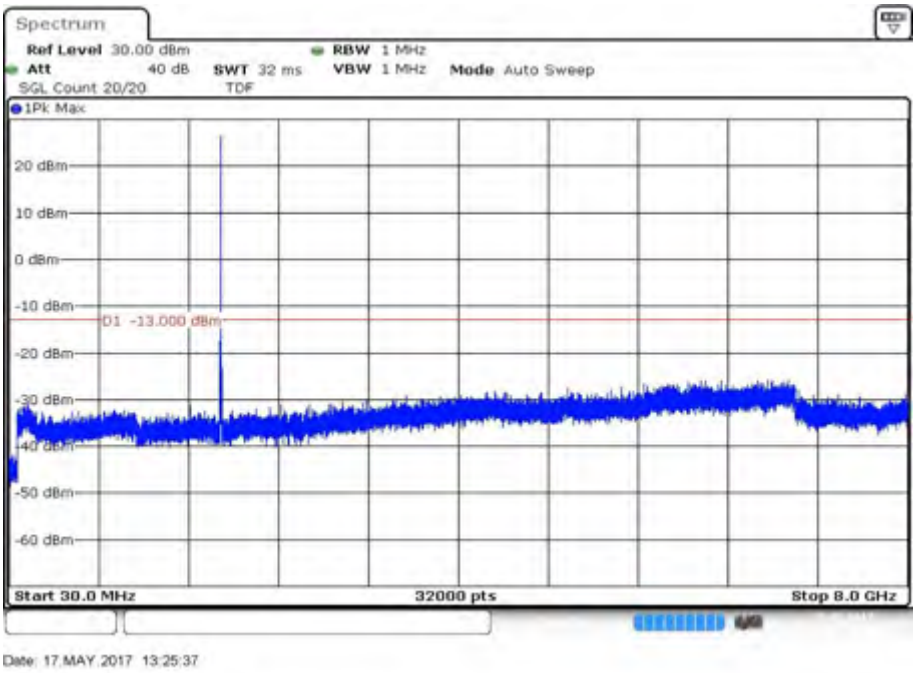


Fig.1

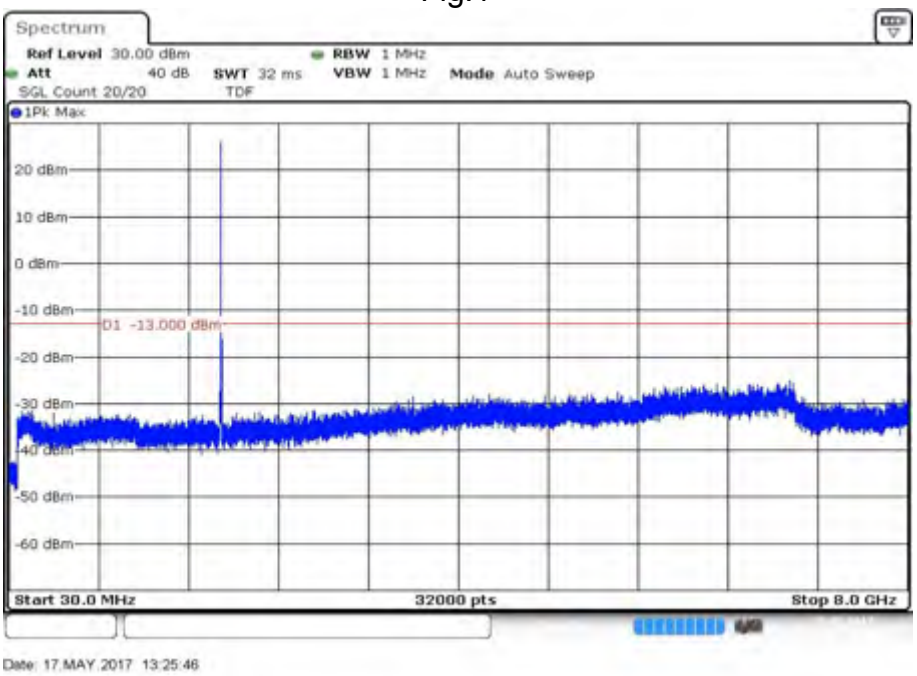


Fig.2

Copyright © SRTC

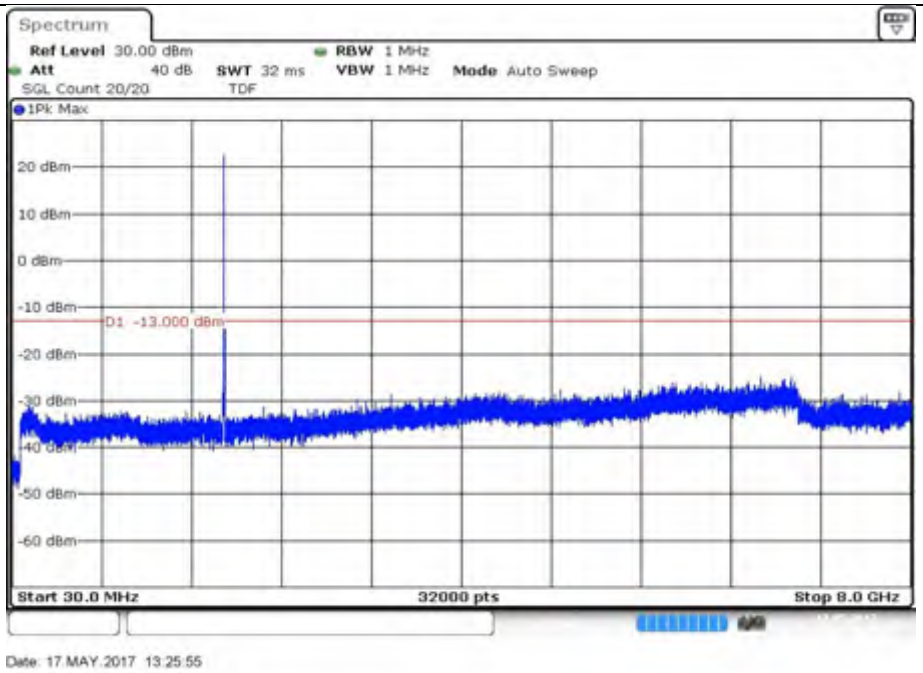


Fig.3

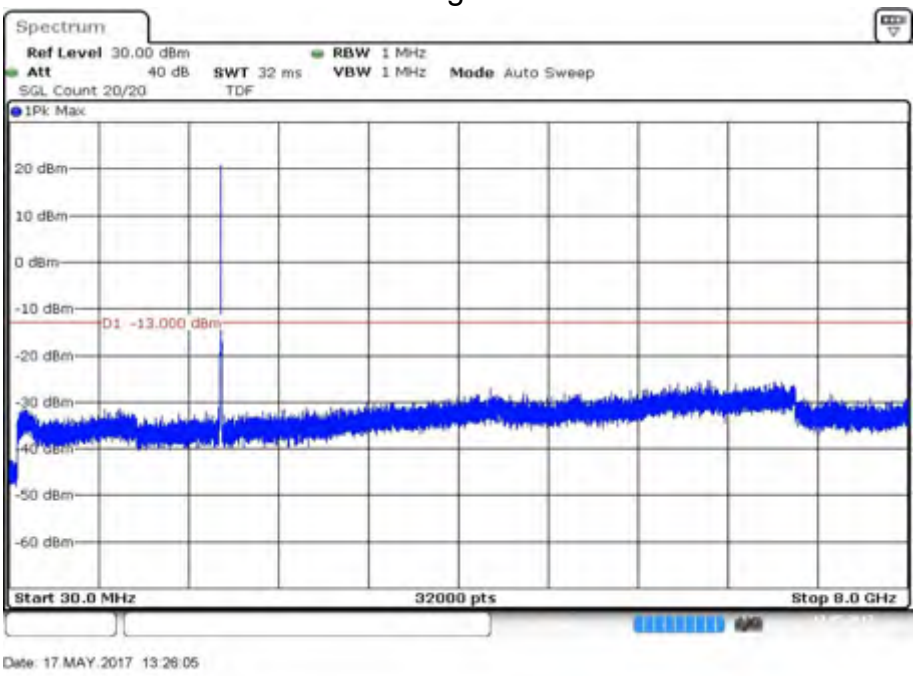


Fig.4

Copyright © SRTC

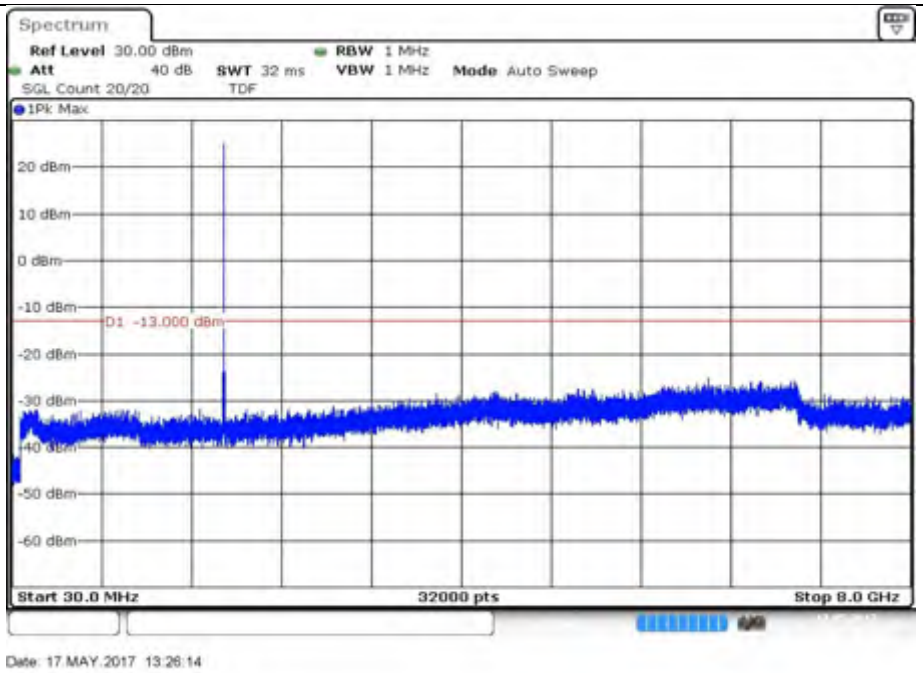


Fig.5

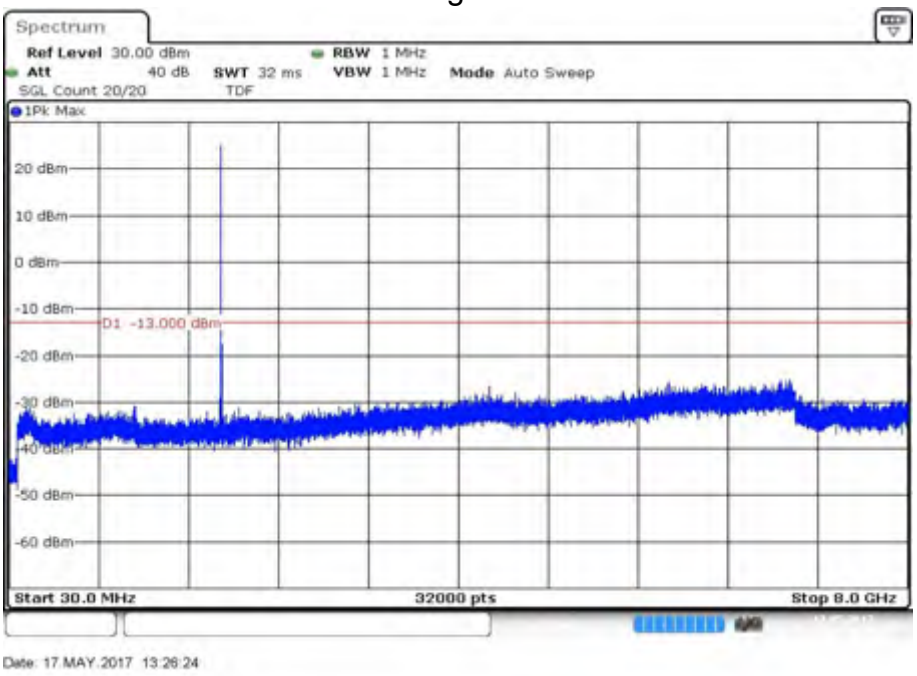


Fig.6

Copyright © SRTC

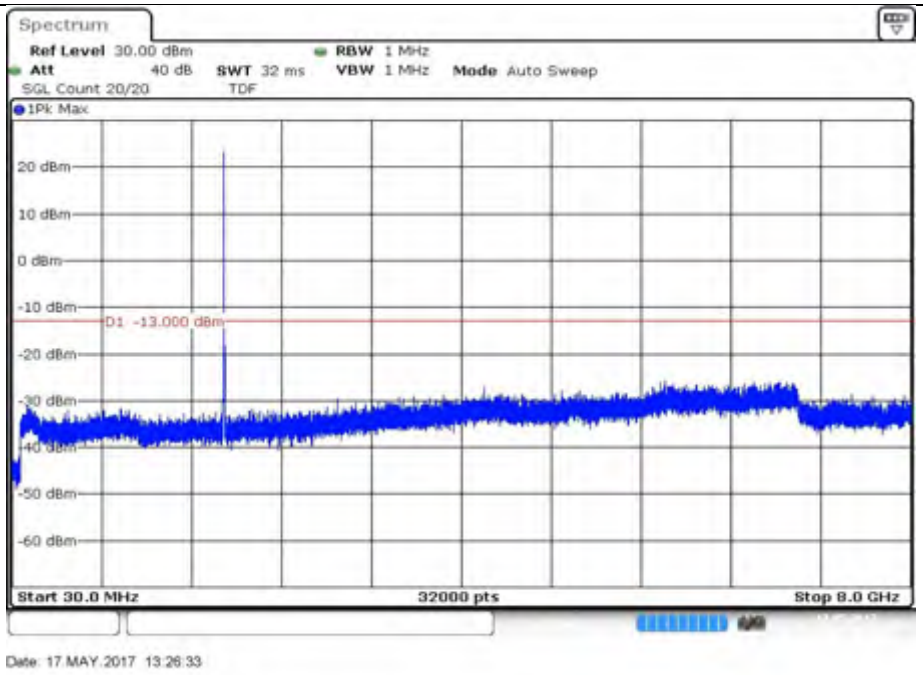


Fig.7

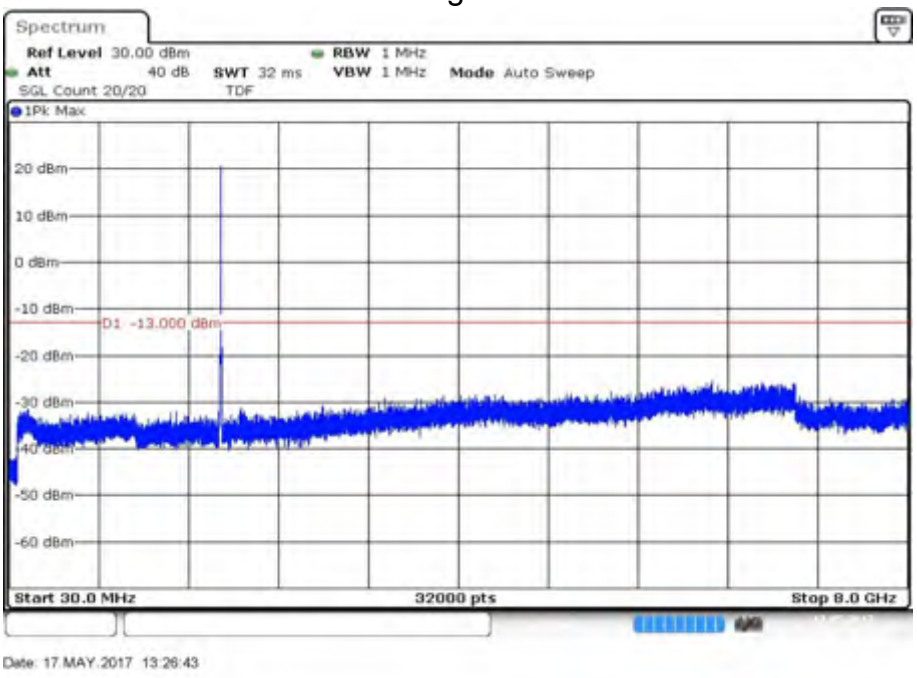


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

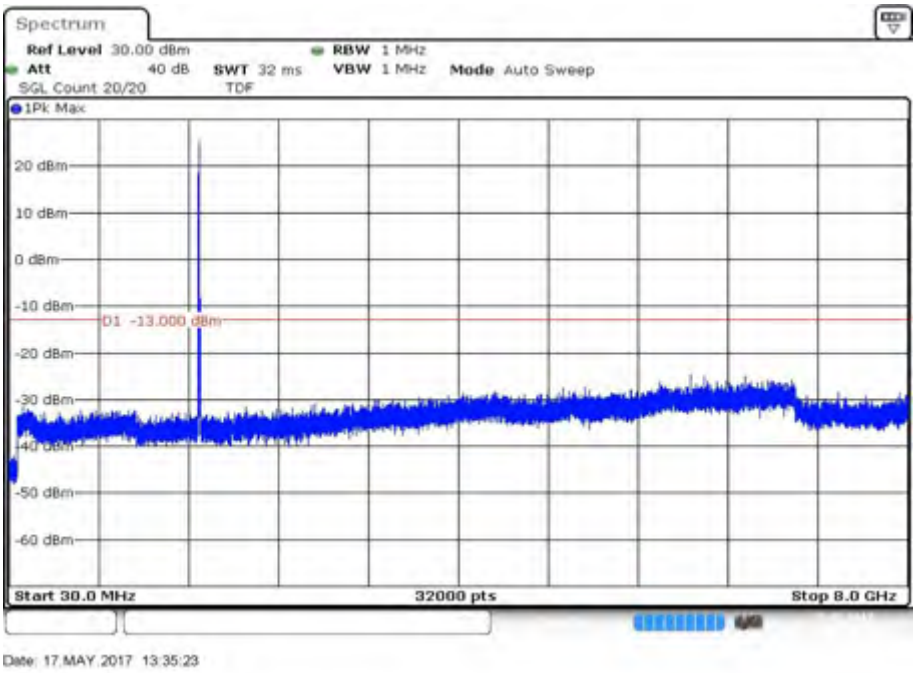


Fig.1

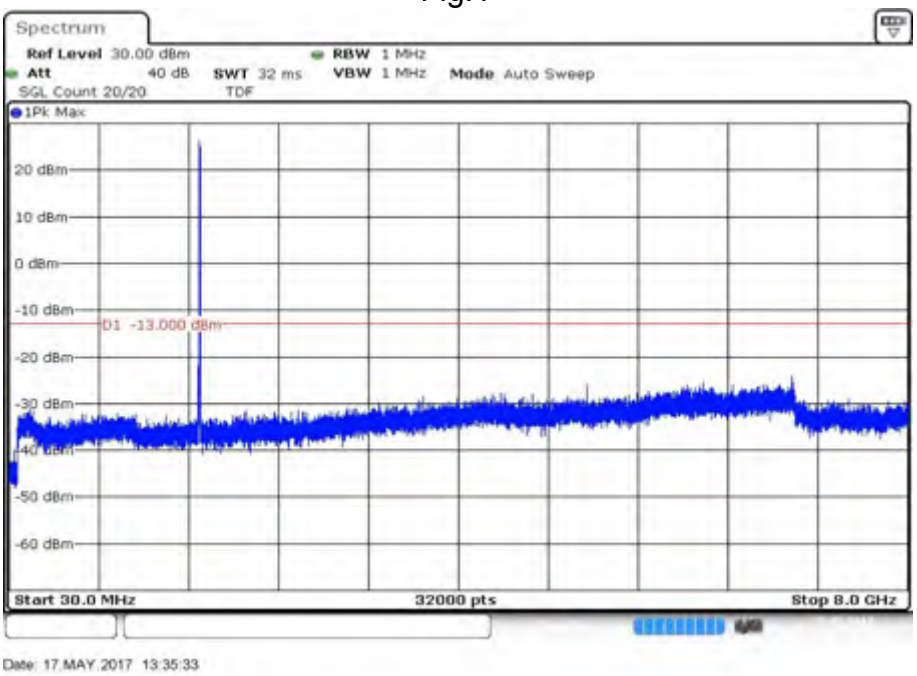


Fig.2

Copyright © SRTC

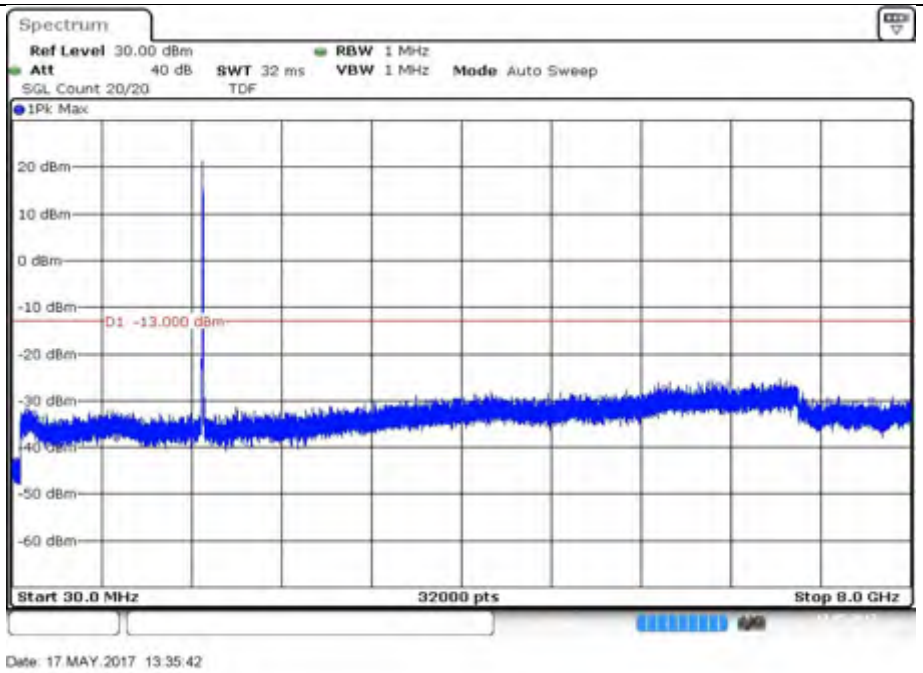


Fig.3

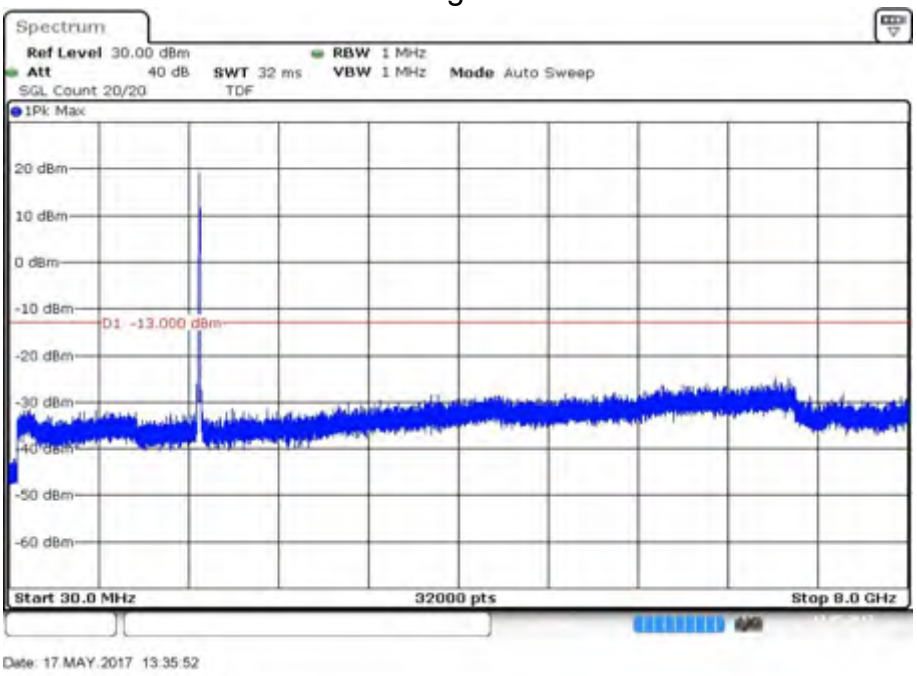


Fig.4

Copyright © SRTC

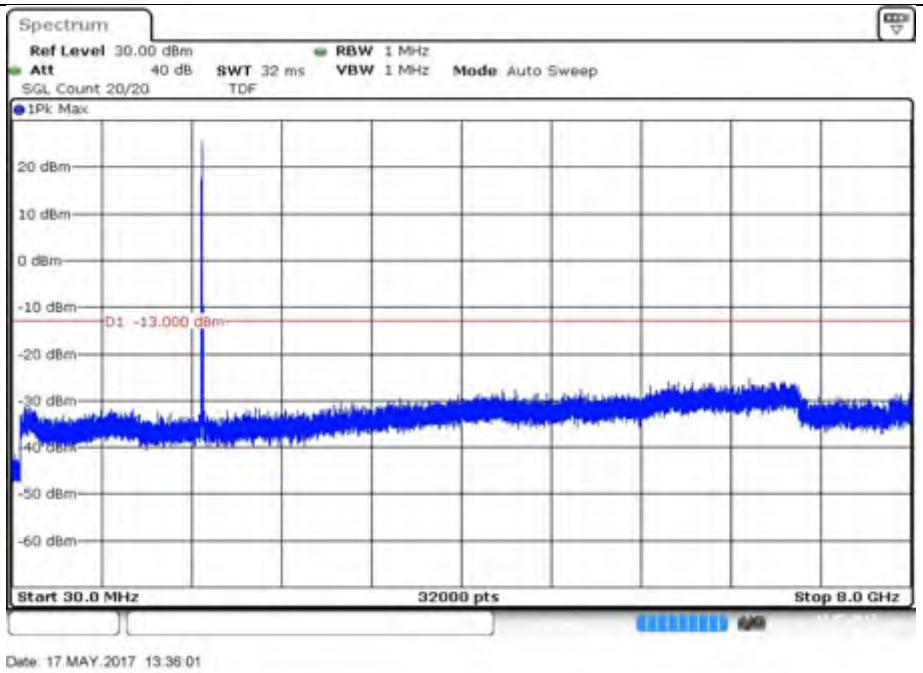


Fig.5

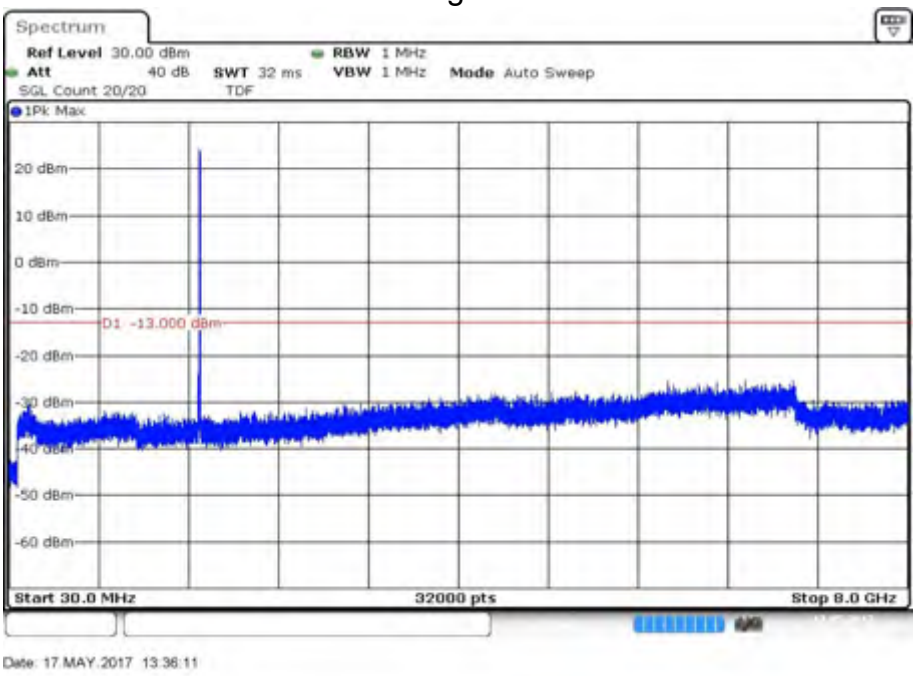


Fig.6

Copyright © SRTC

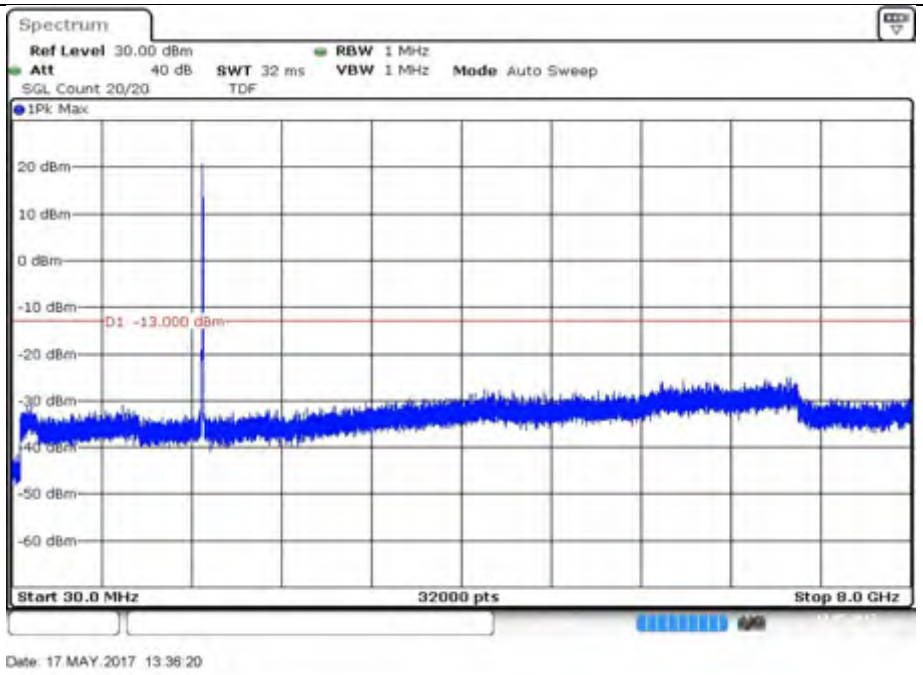


Fig.7

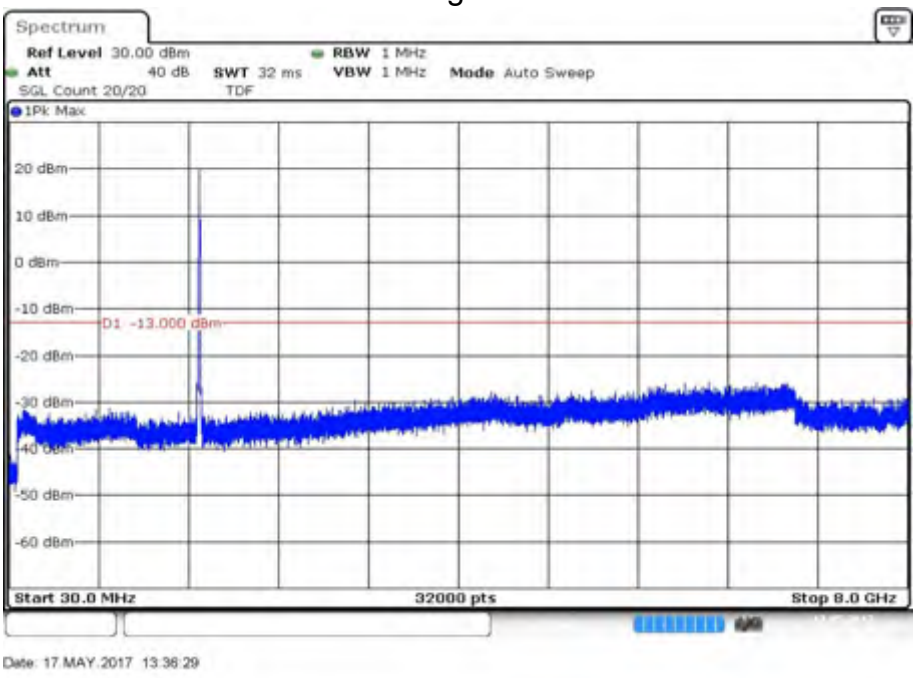


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
12	707.5	23095	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

Copyright © SRTC

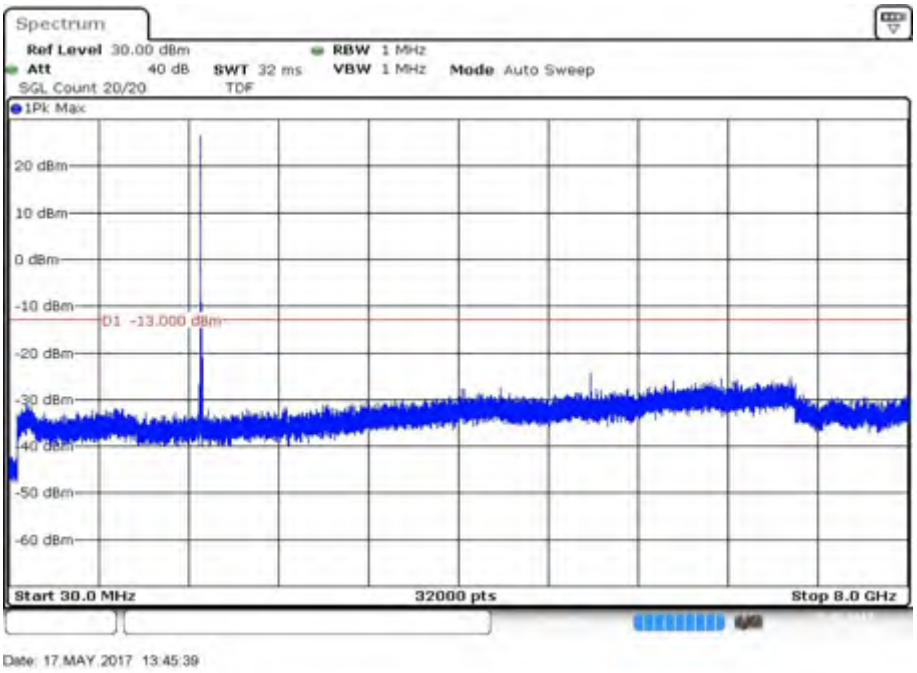


Fig.1

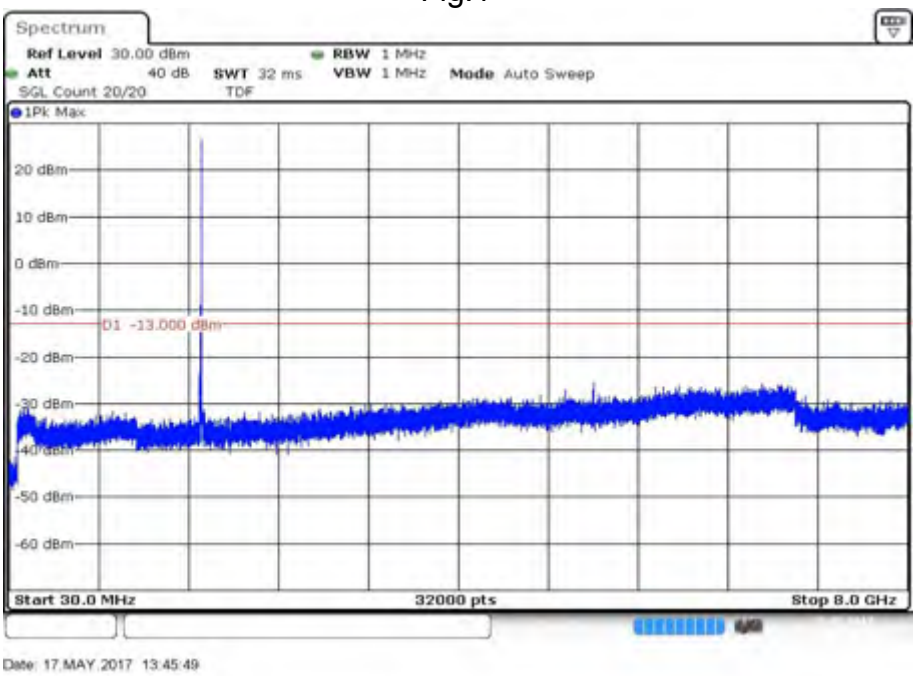


Fig.2

Copyright © SRTC

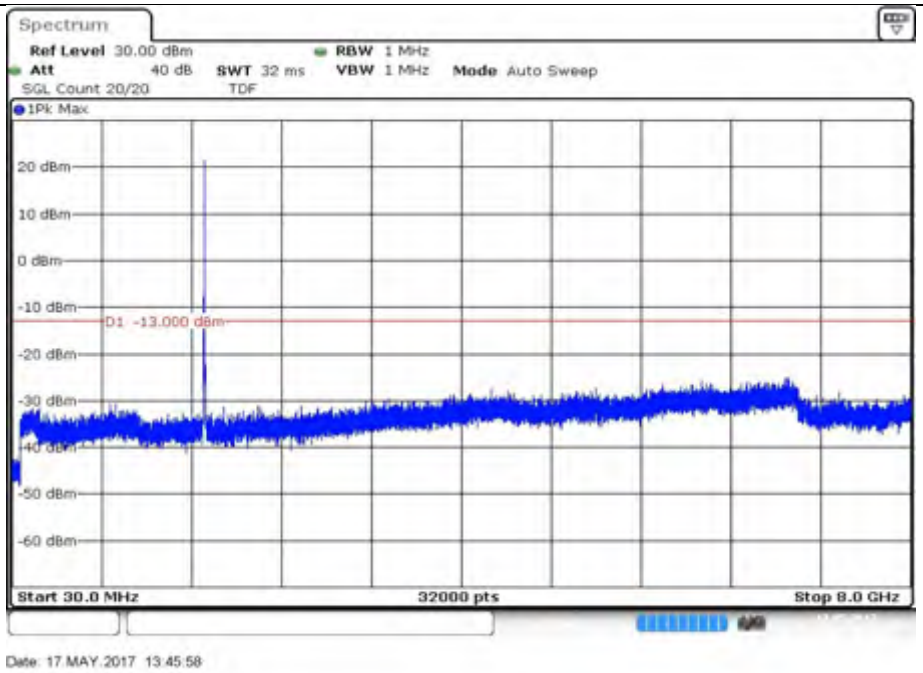


Fig.3

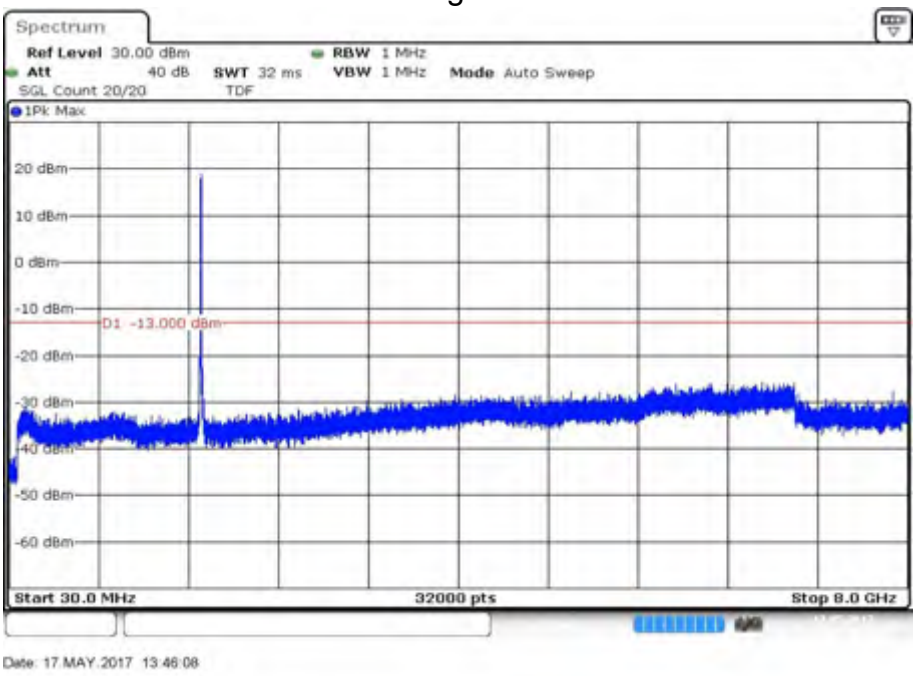


Fig.4

Copyright © SRTC

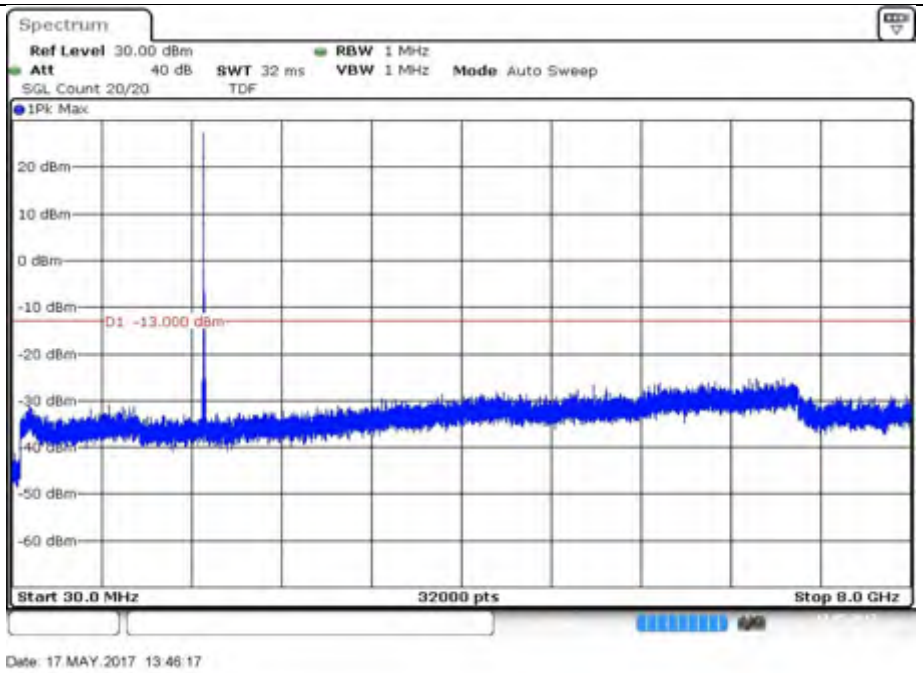


Fig.5

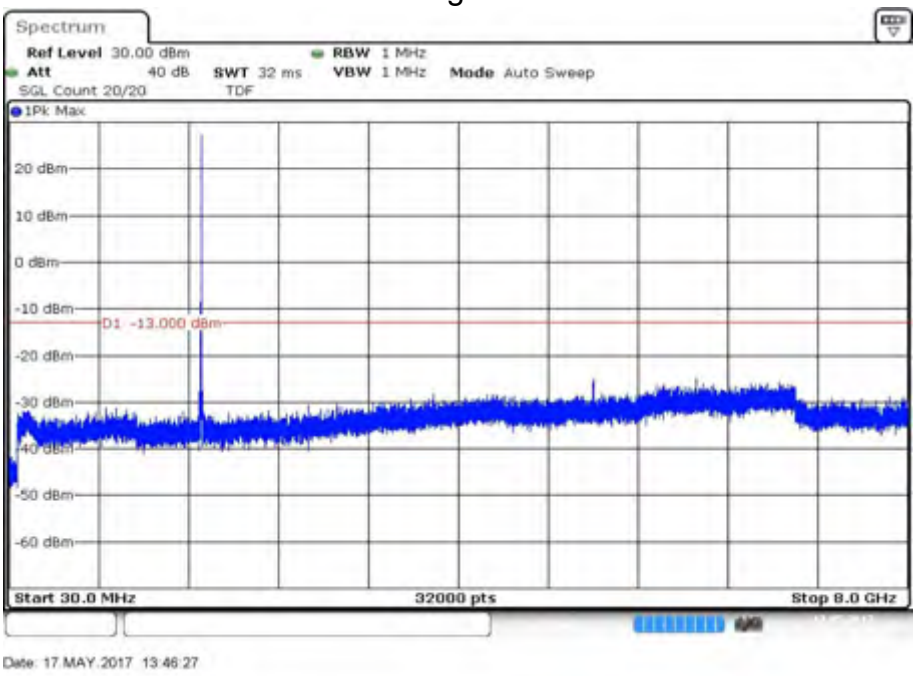


Fig.6

Copyright © SRTC

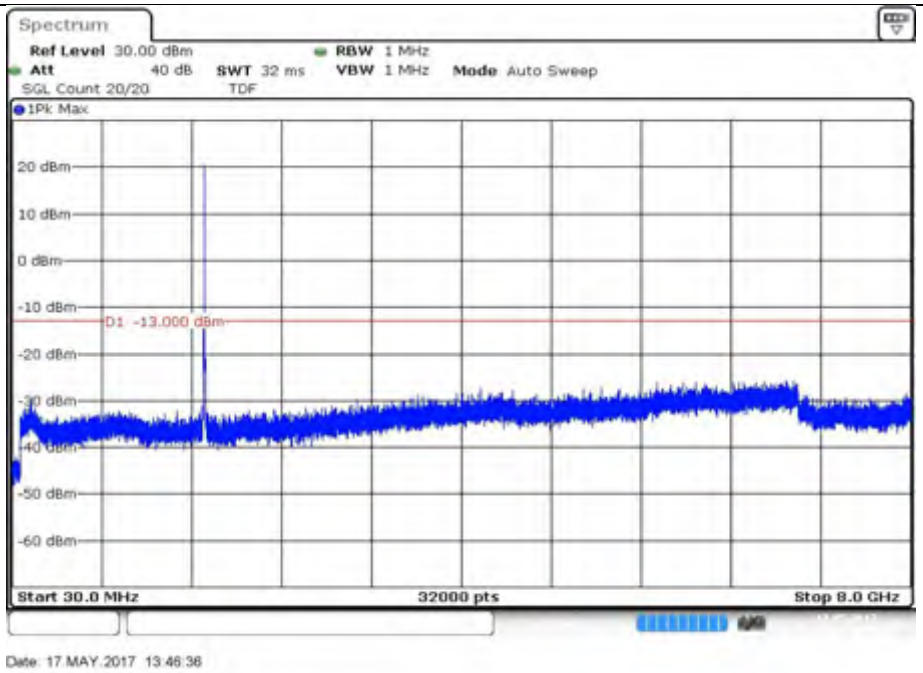


Fig.7

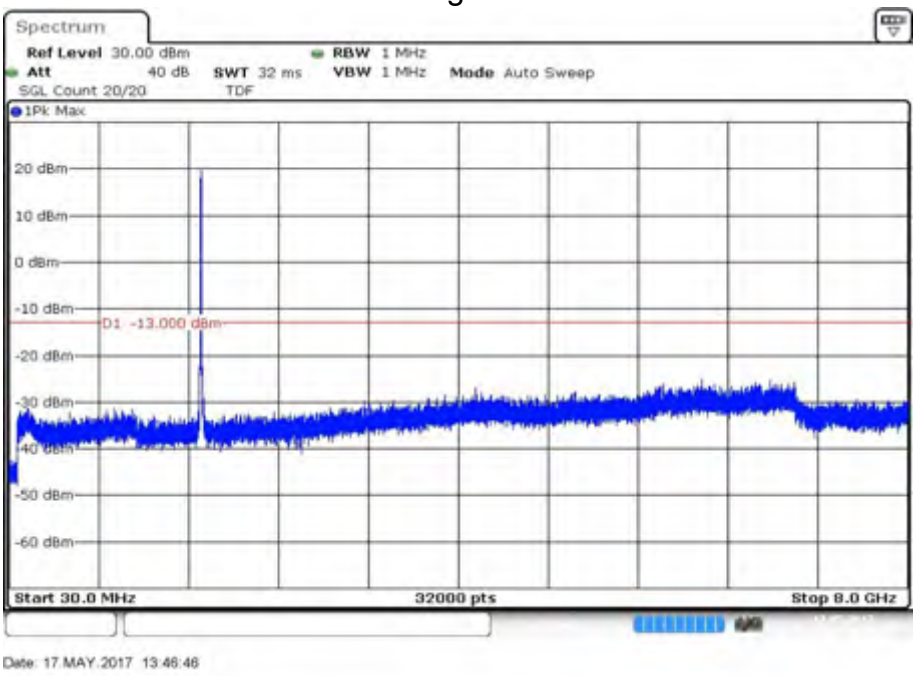


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

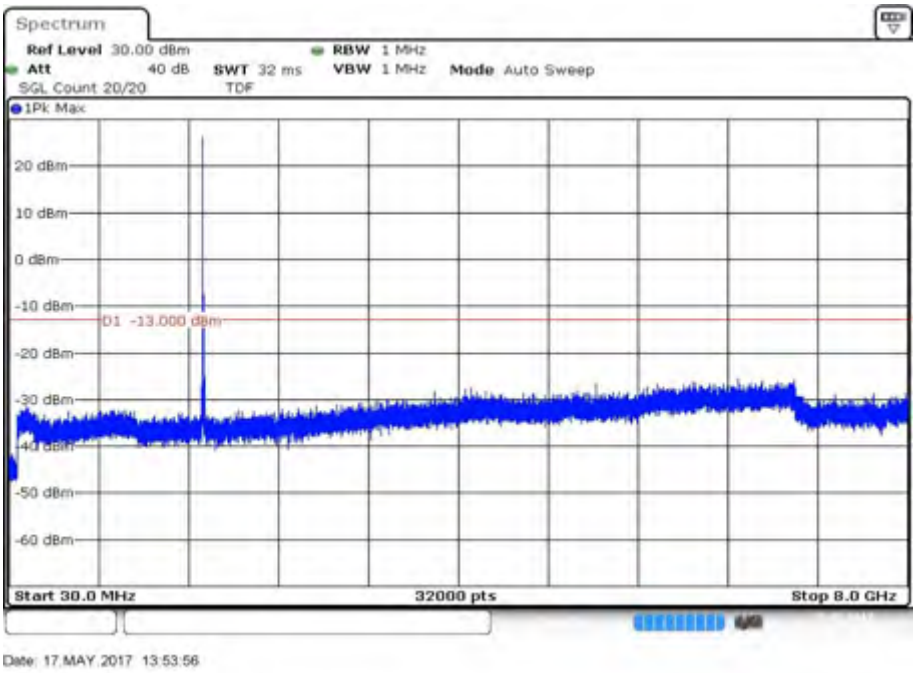


Fig.1

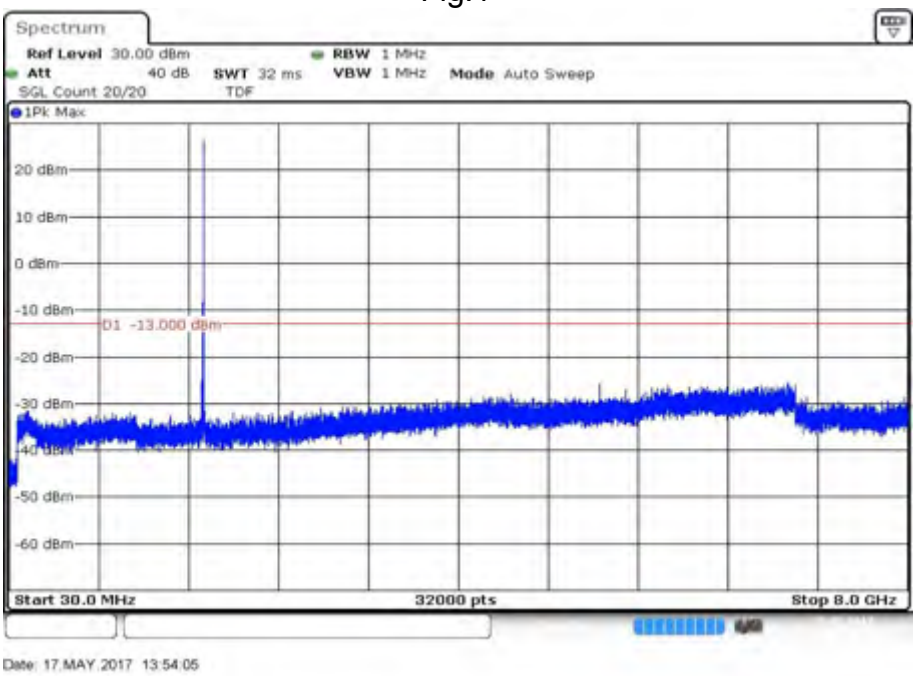


Fig.2

Copyright © SRTC

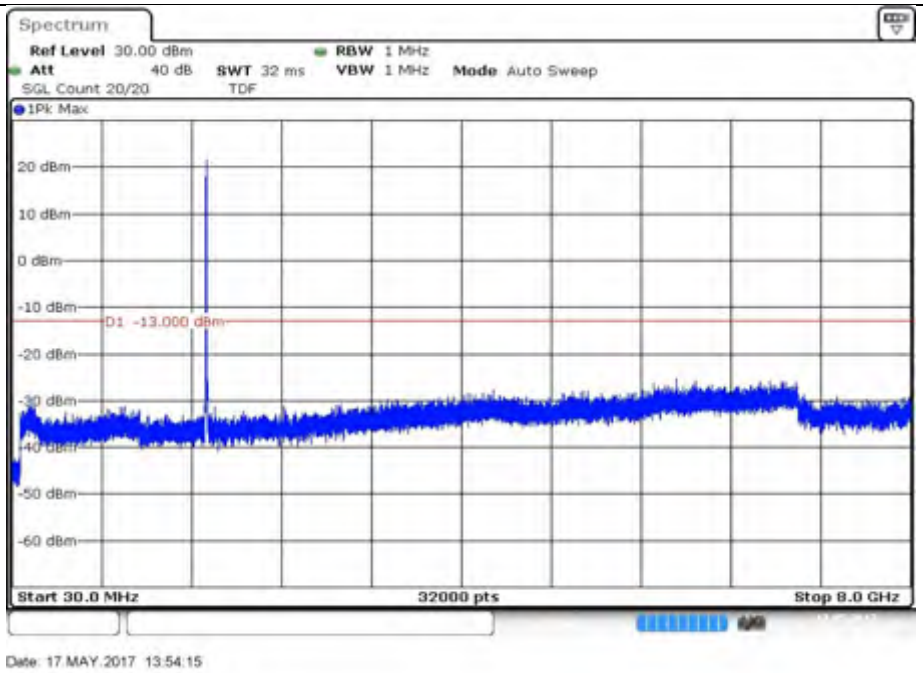


Fig.3

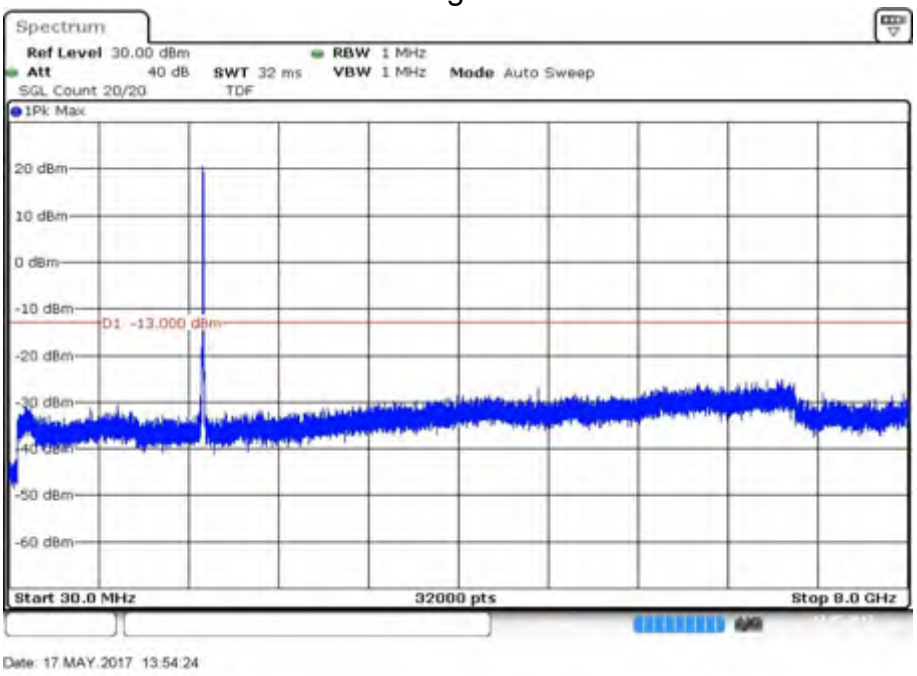


Fig.4

Copyright © SRTC

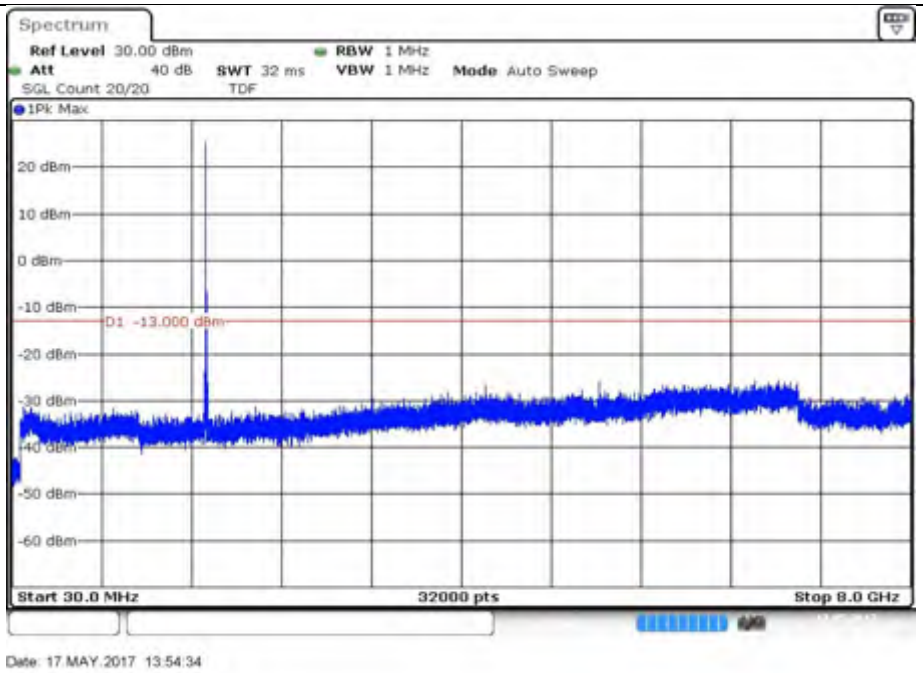


Fig.5

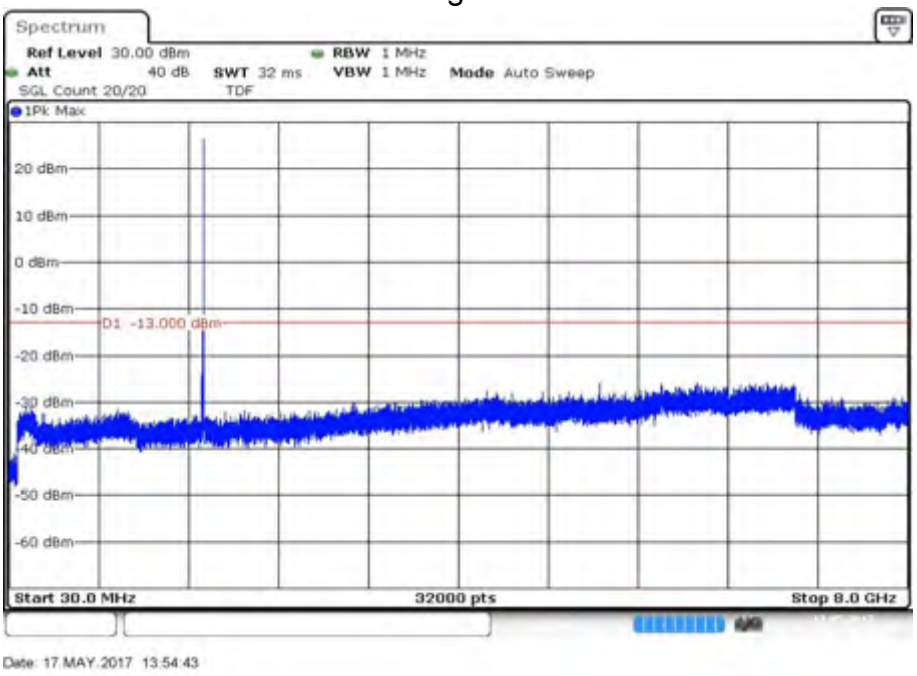


Fig.6

Copyright © SRTC

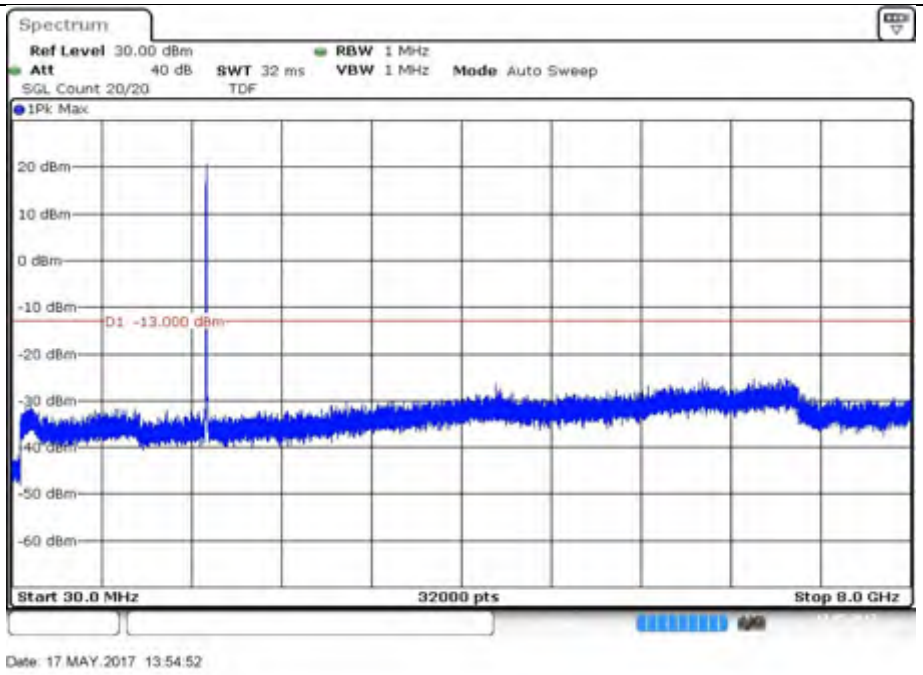


Fig.7

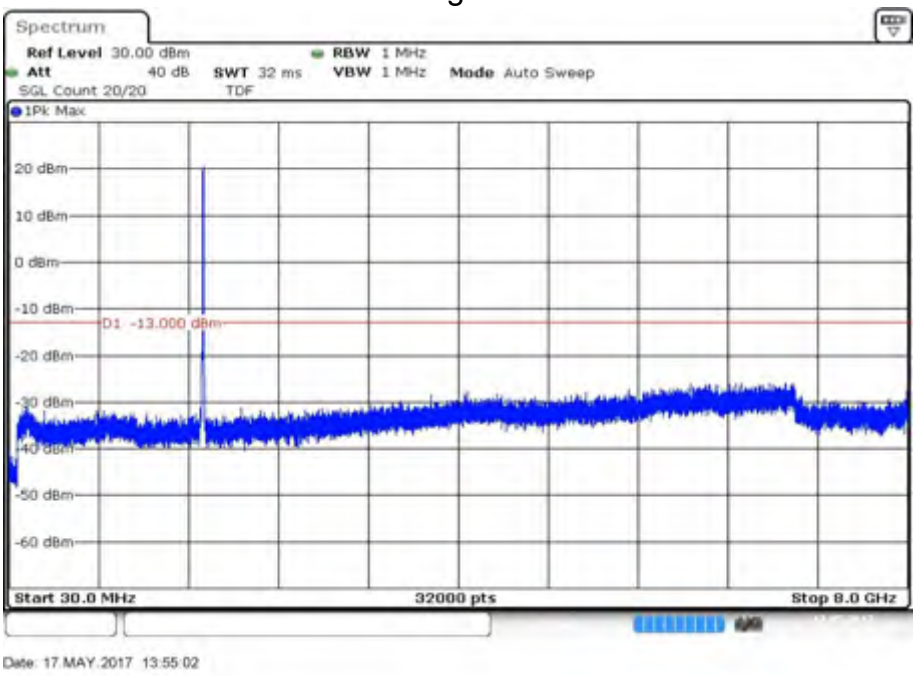


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

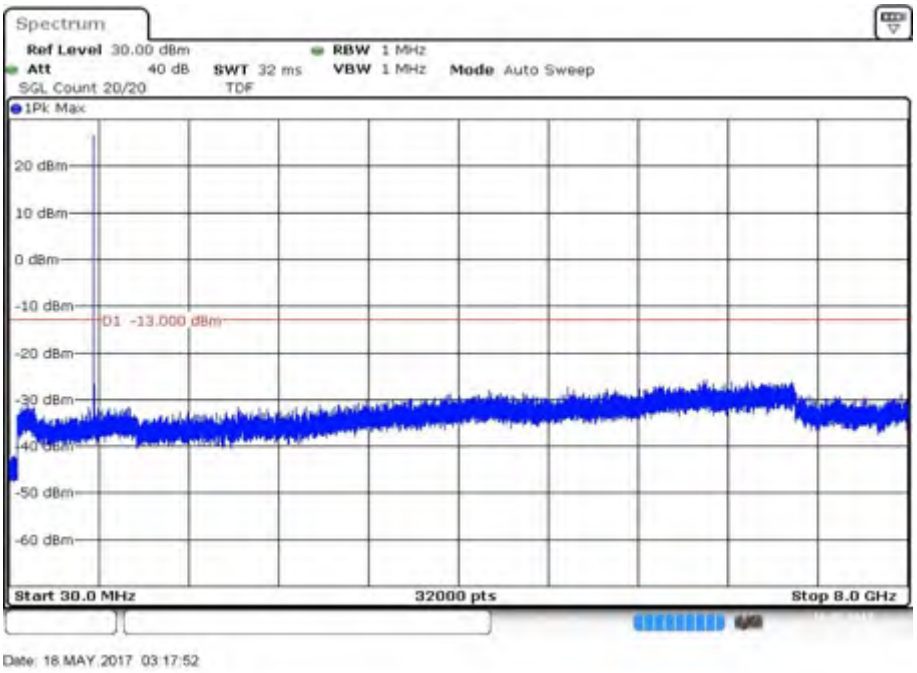


Fig.1

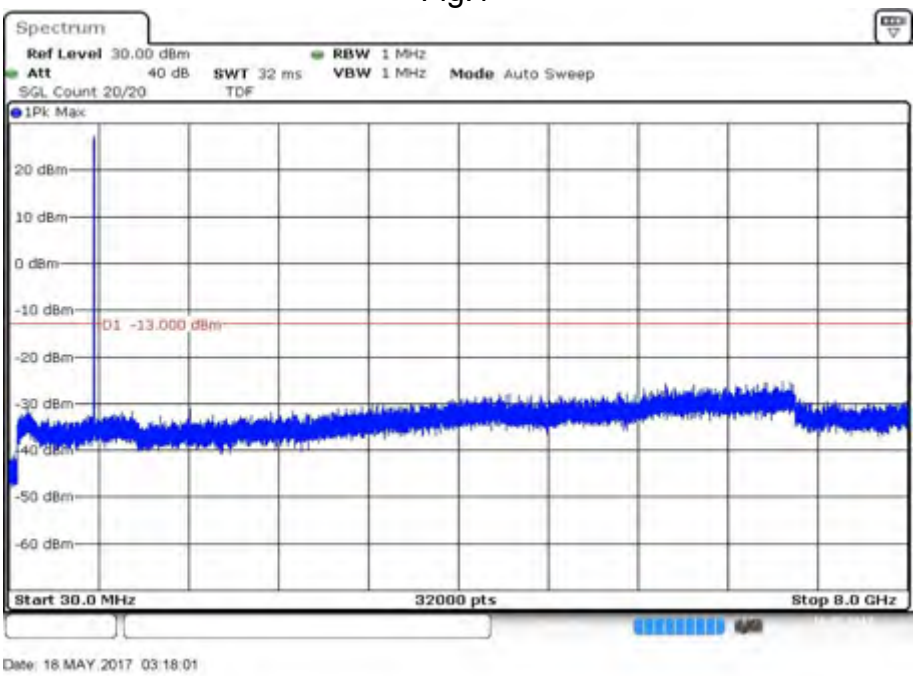


Fig.2

Copyright © SRTC

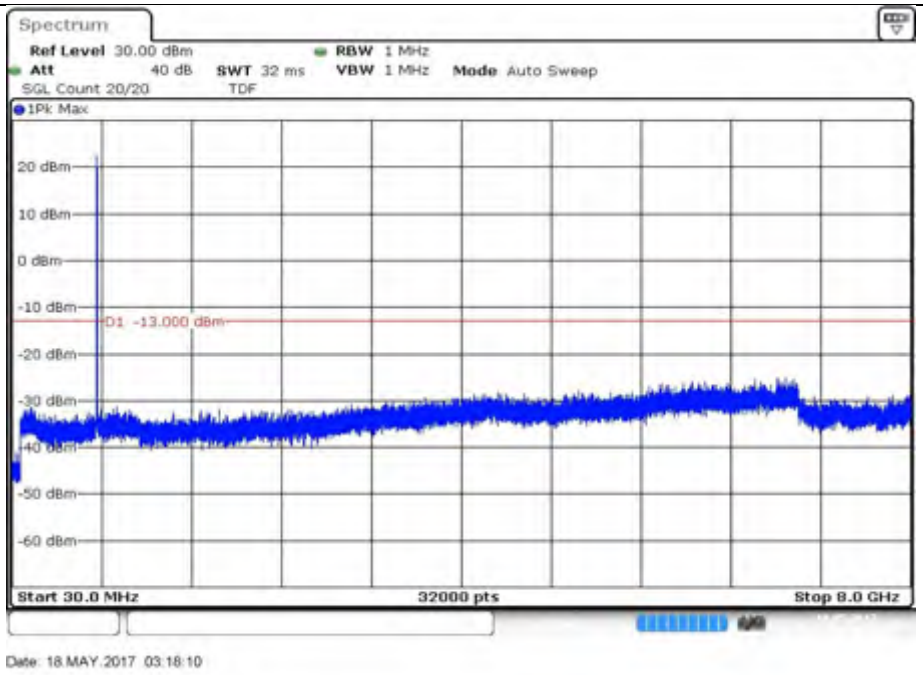


Fig.3

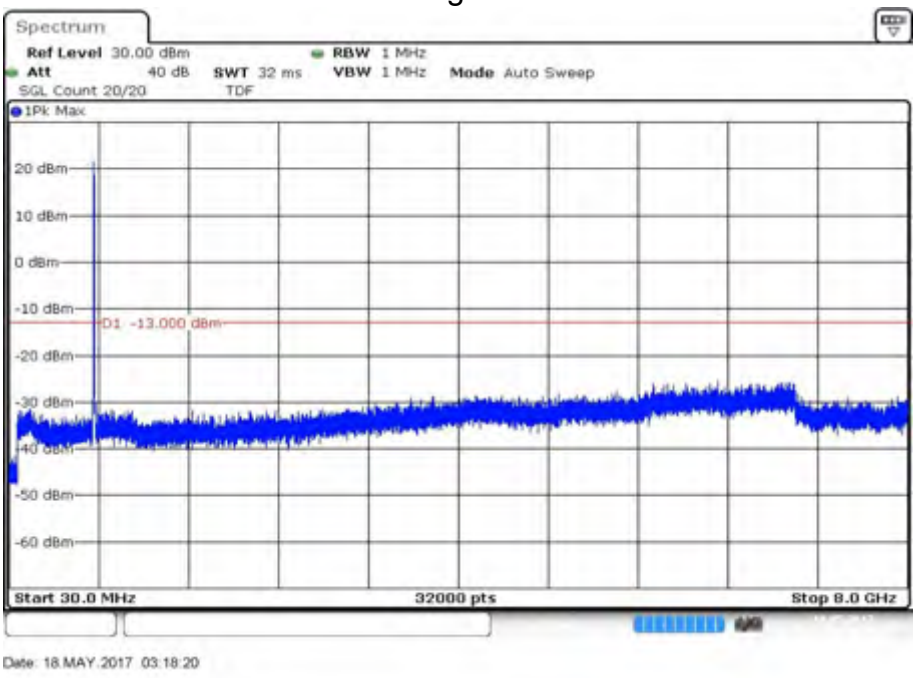


Fig.4

Copyright © SRTC

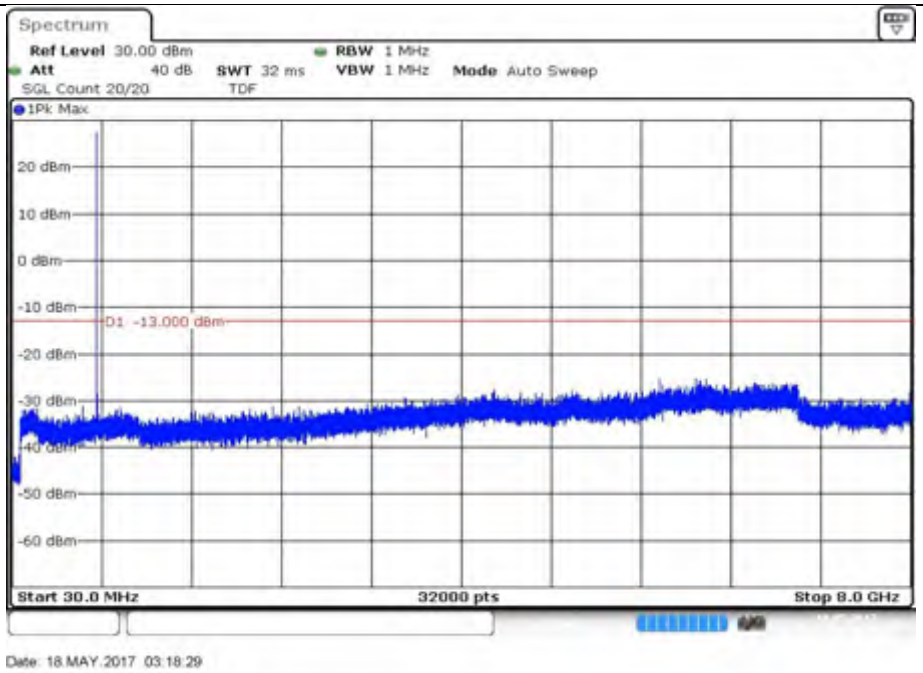


Fig.5

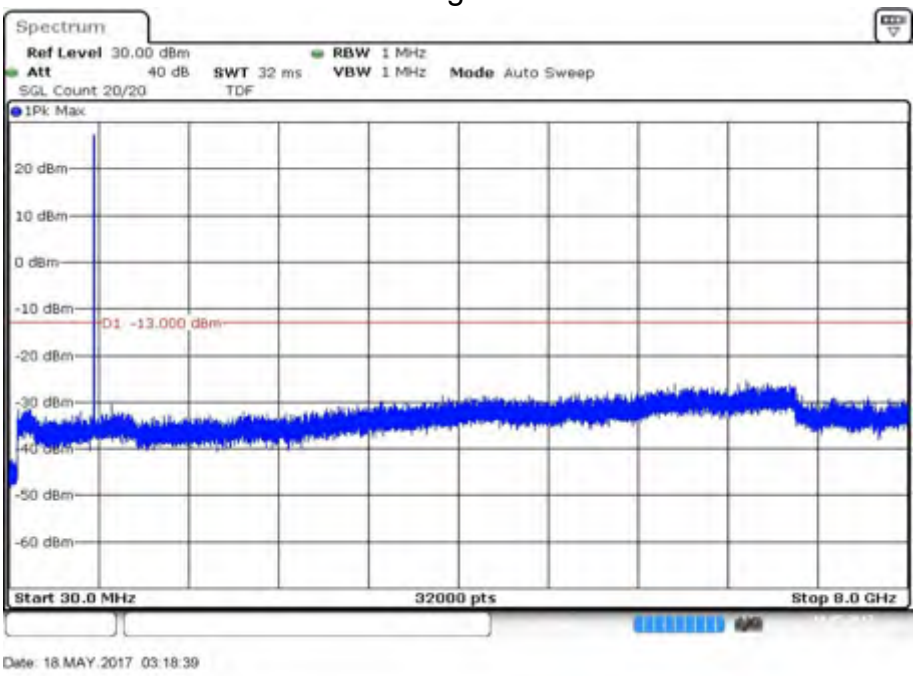


Fig.6

Copyright © SRTC

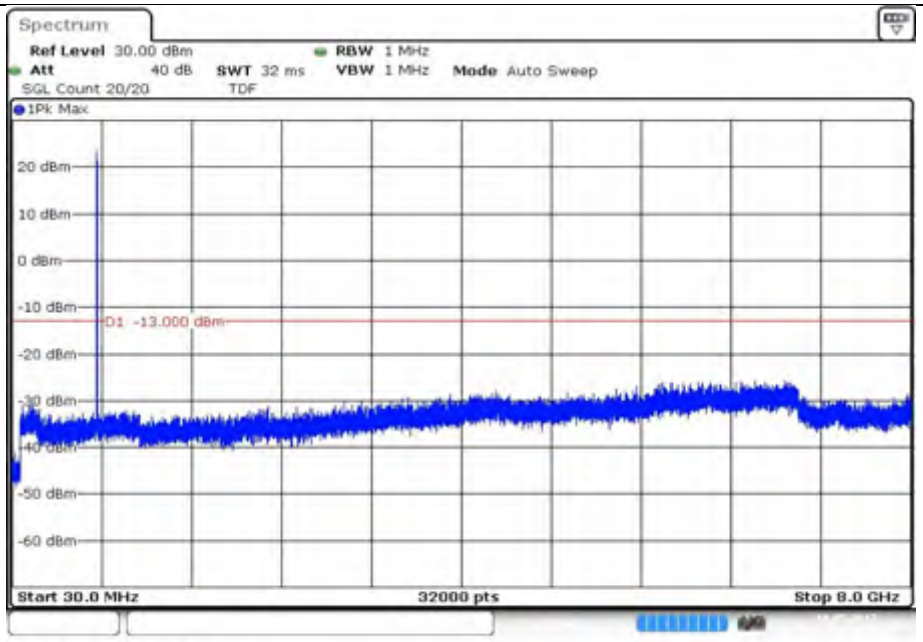


Fig.7

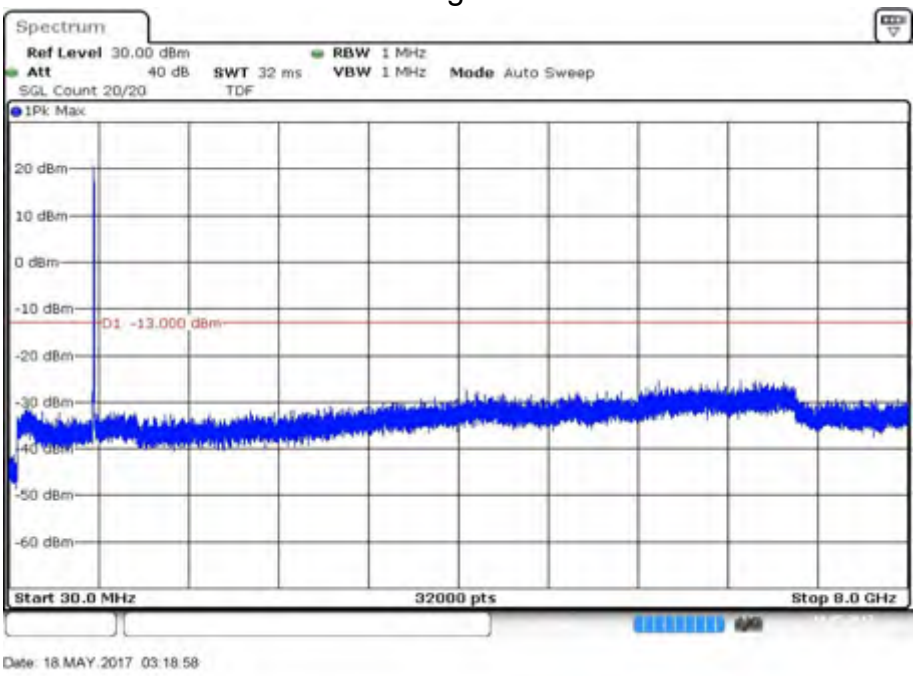


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

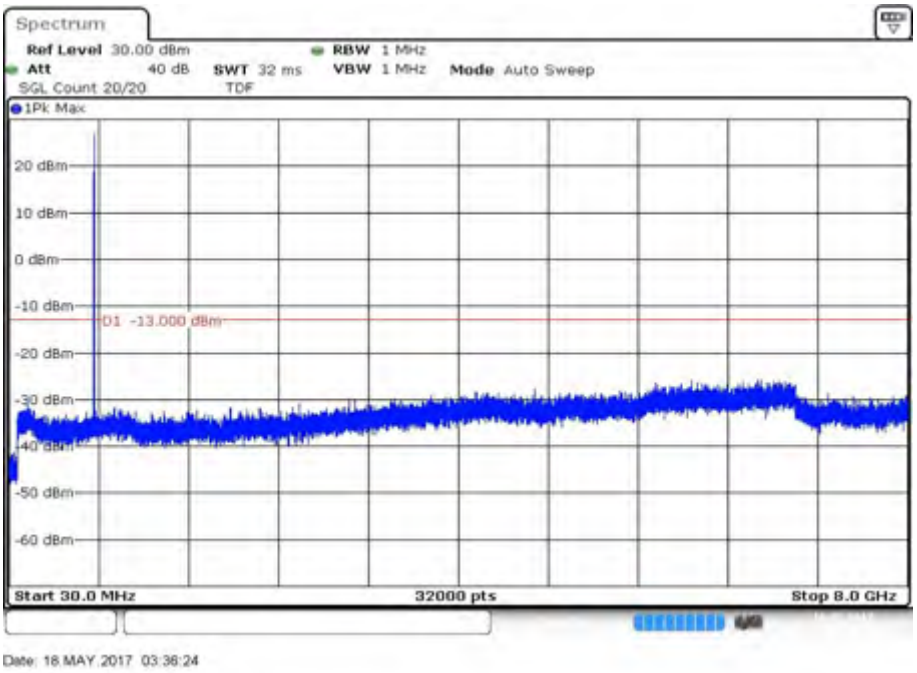


Fig.1

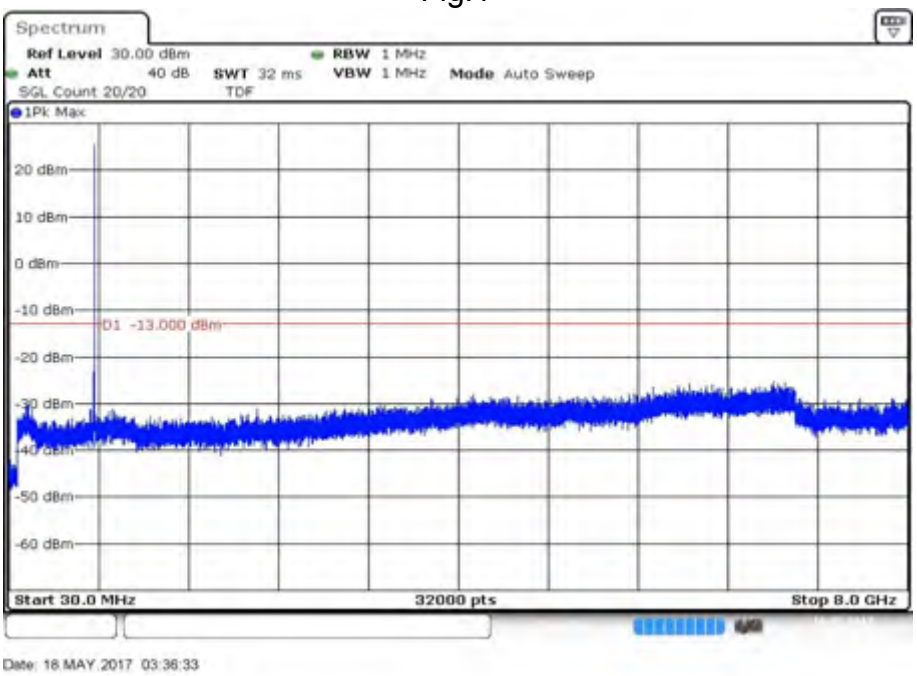


Fig.2

Copyright © SRTC

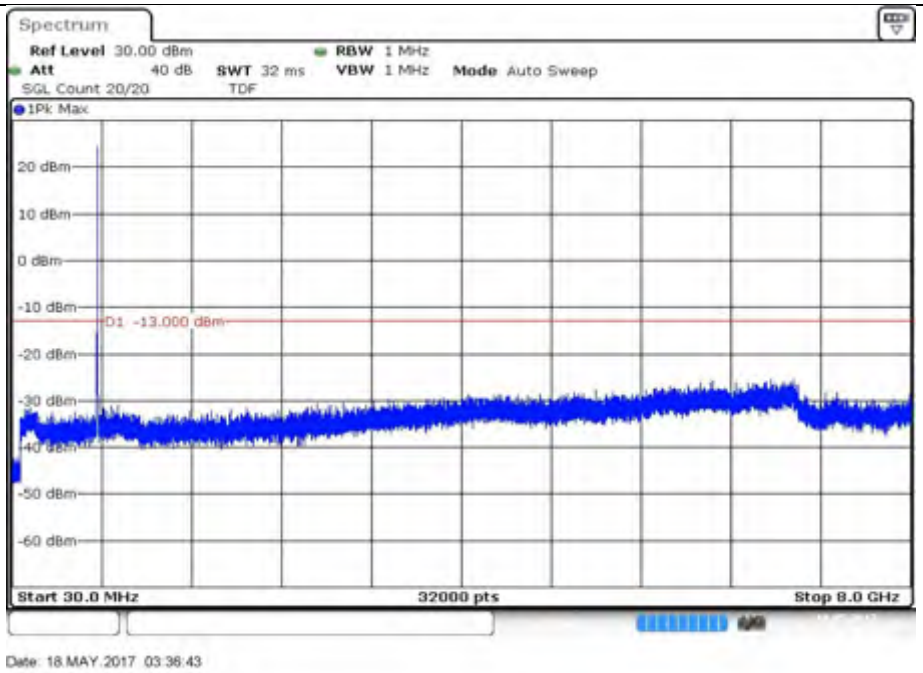


Fig.3

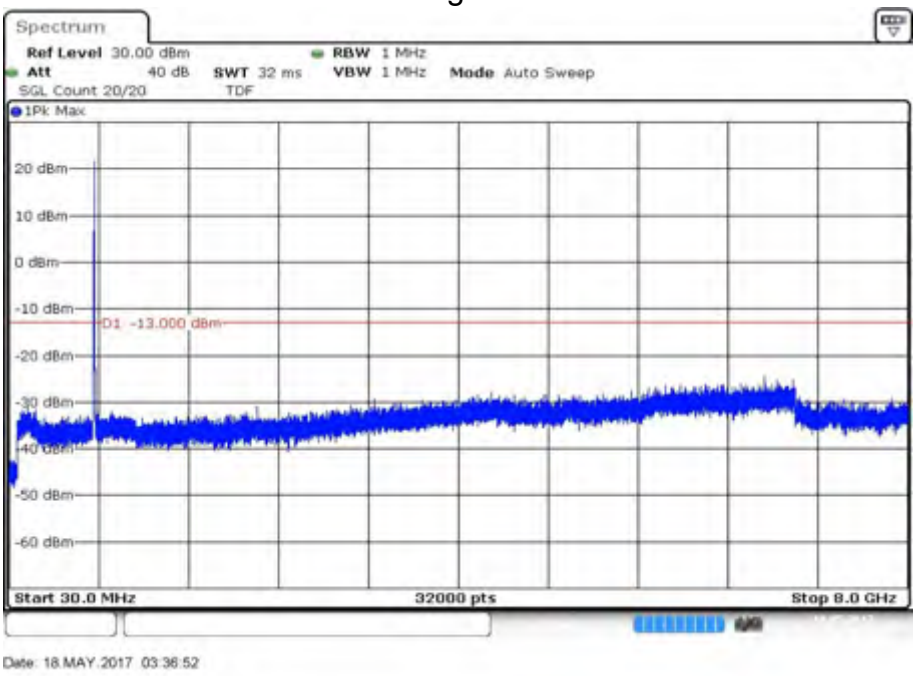


Fig.4

Copyright © SRTC

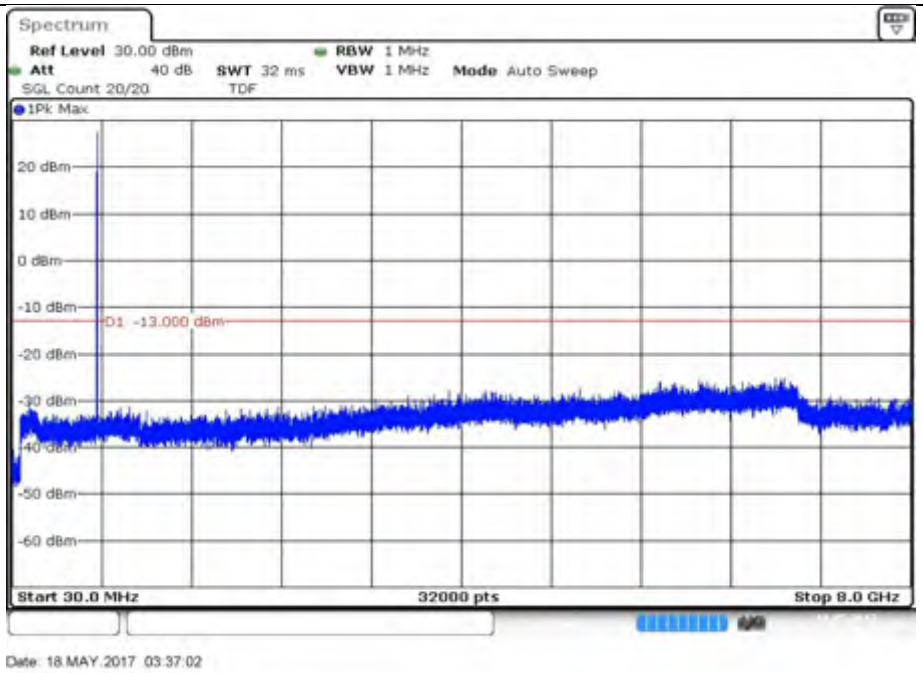


Fig.5

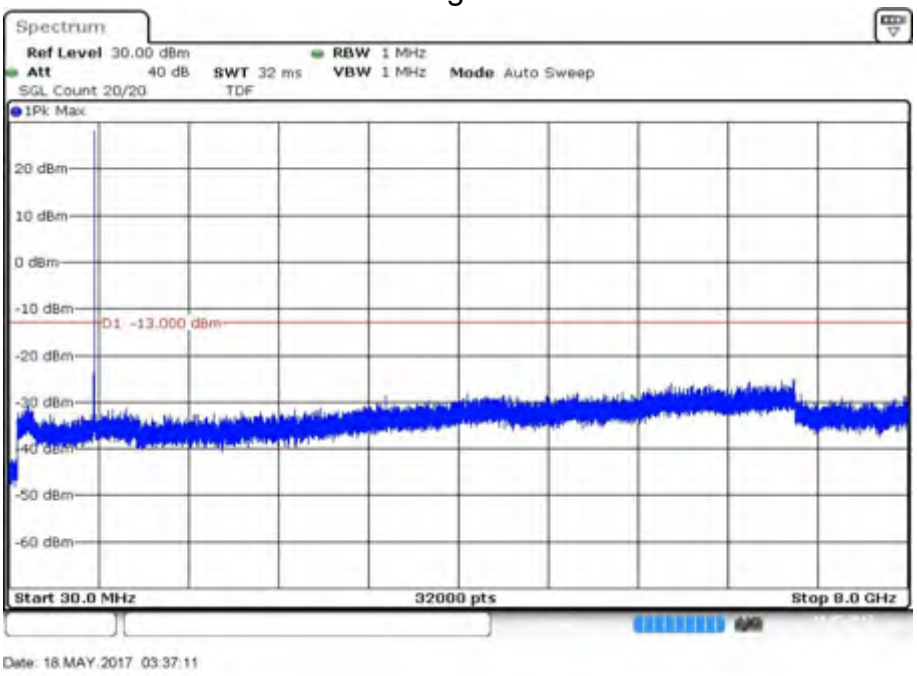


Fig.6

Copyright © SRTC

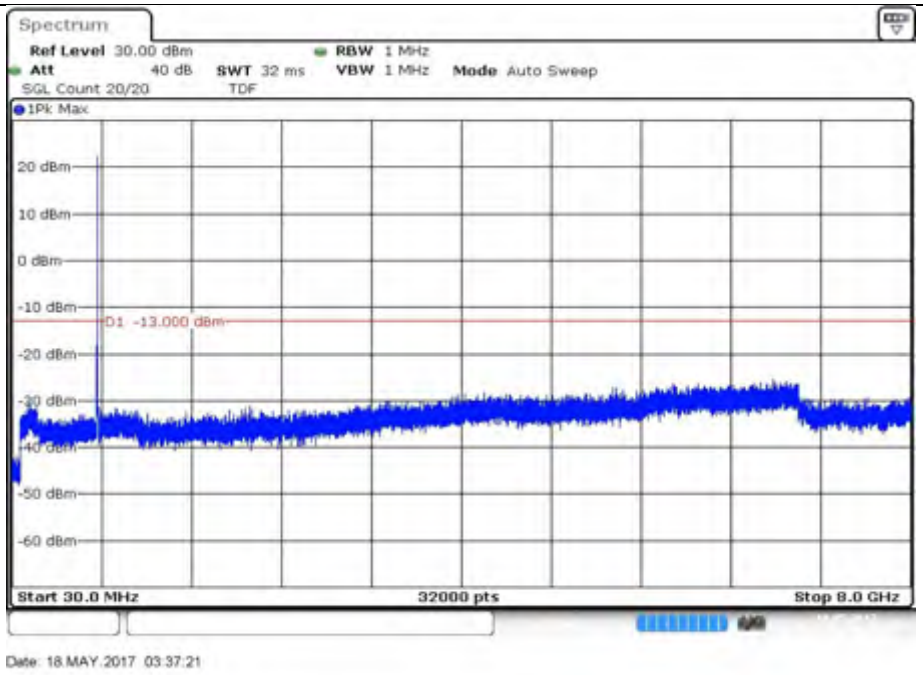


Fig.7

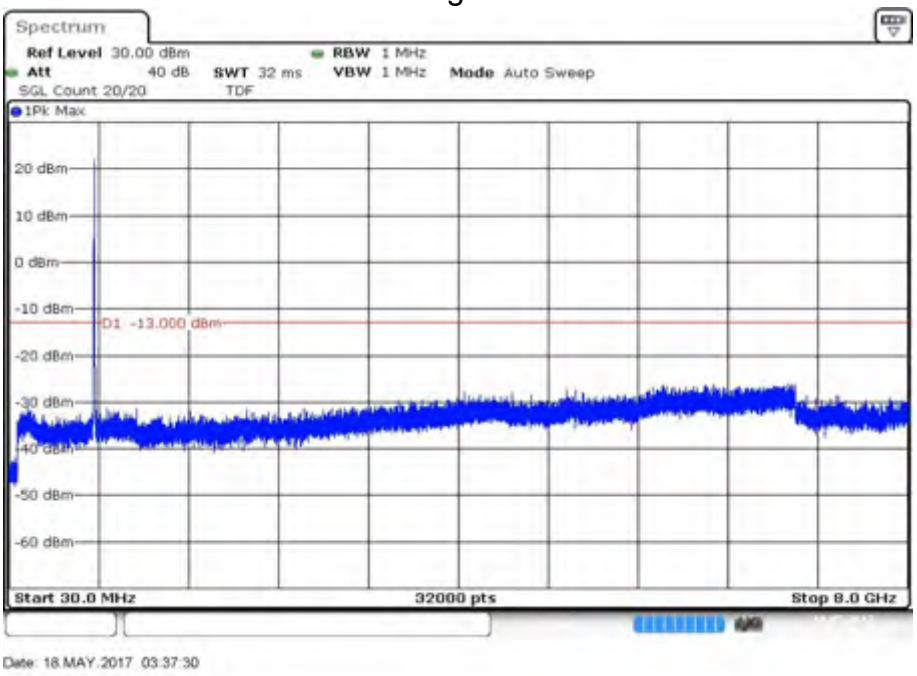


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
13	782	23230	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

Copyright © SRTC

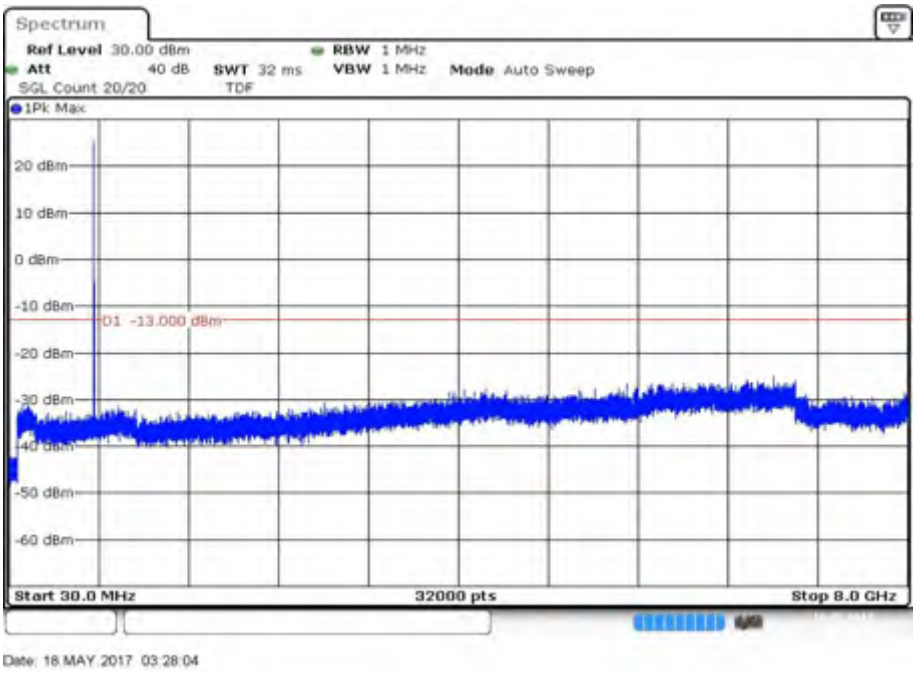


Fig.1

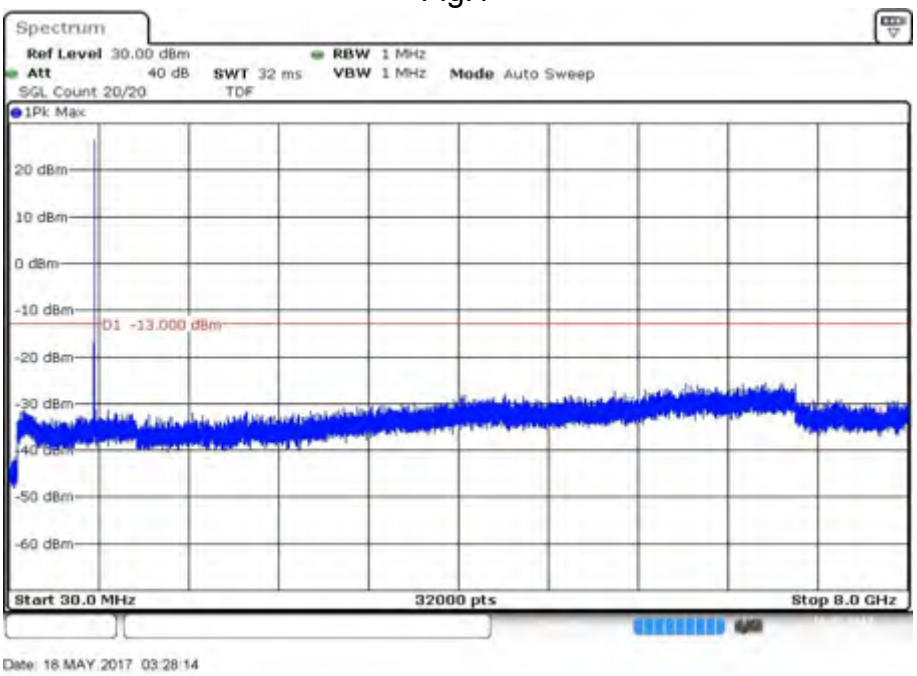


Fig.2

Copyright © SRTC

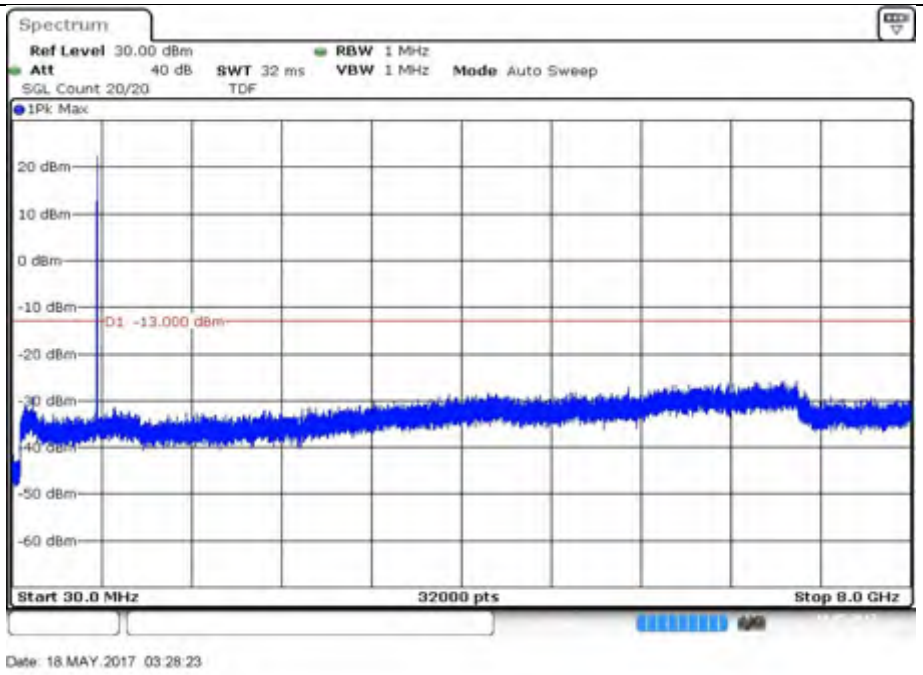


Fig.3

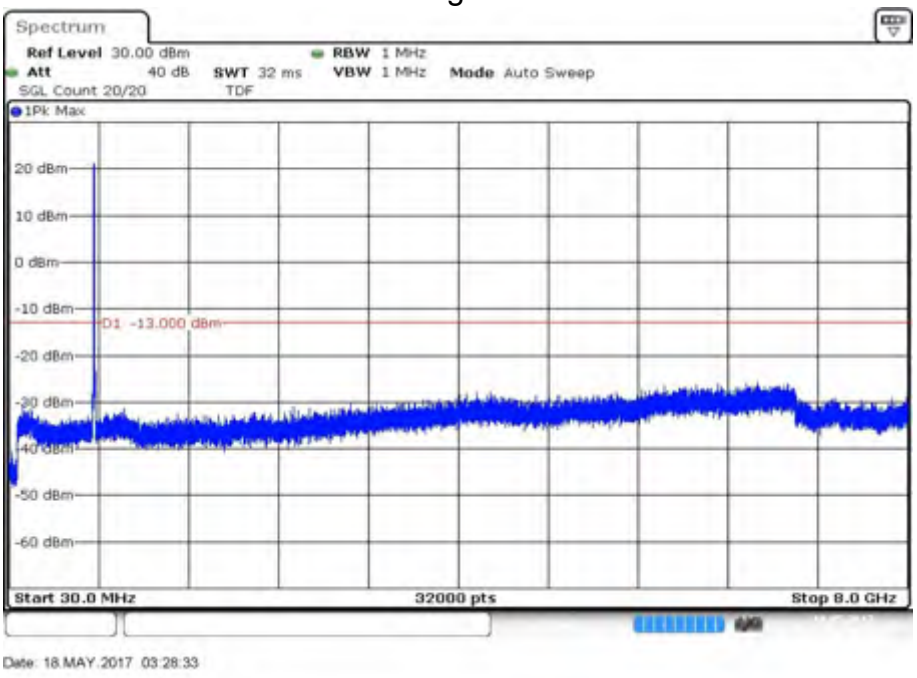


Fig.4

Copyright © SRTC

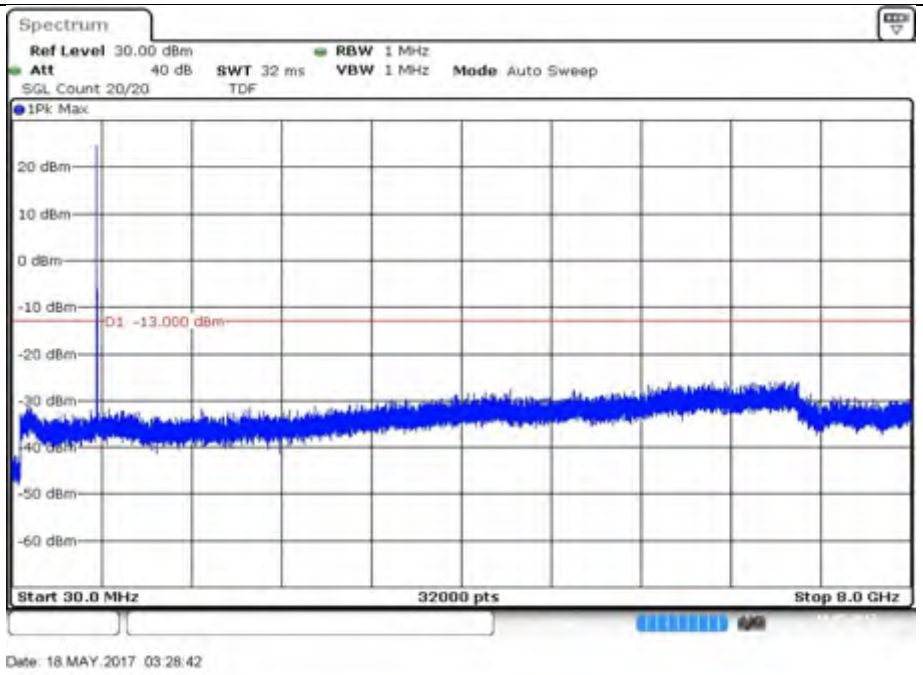


Fig.5

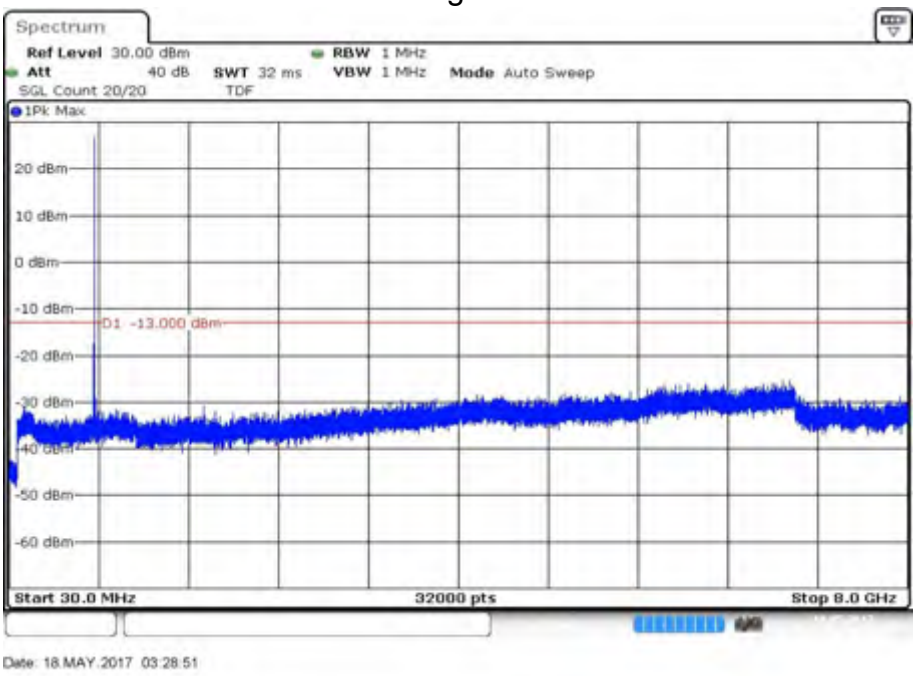


Fig.6

Copyright © SRTC

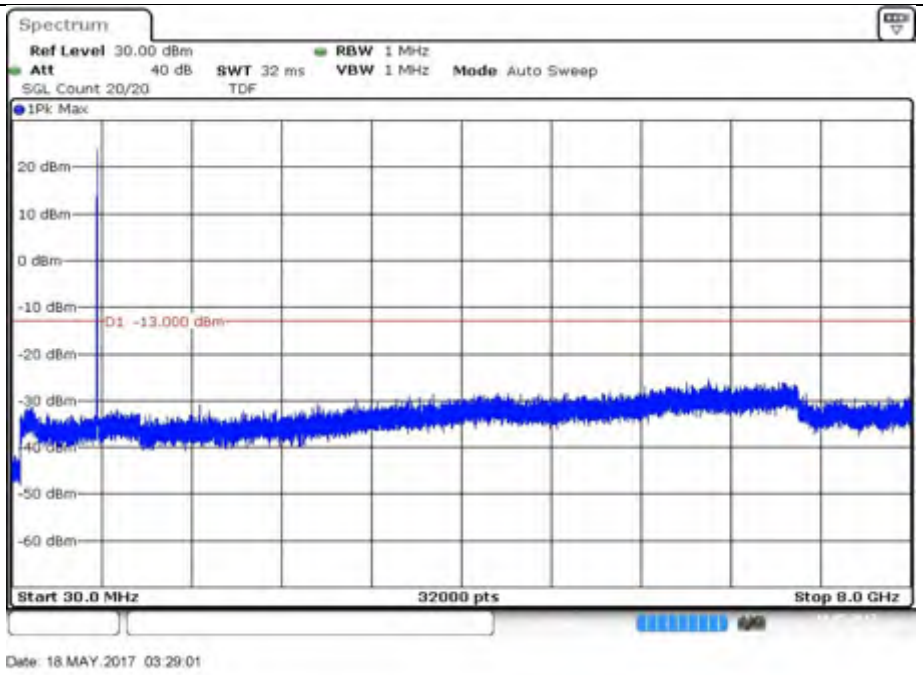


Fig.7

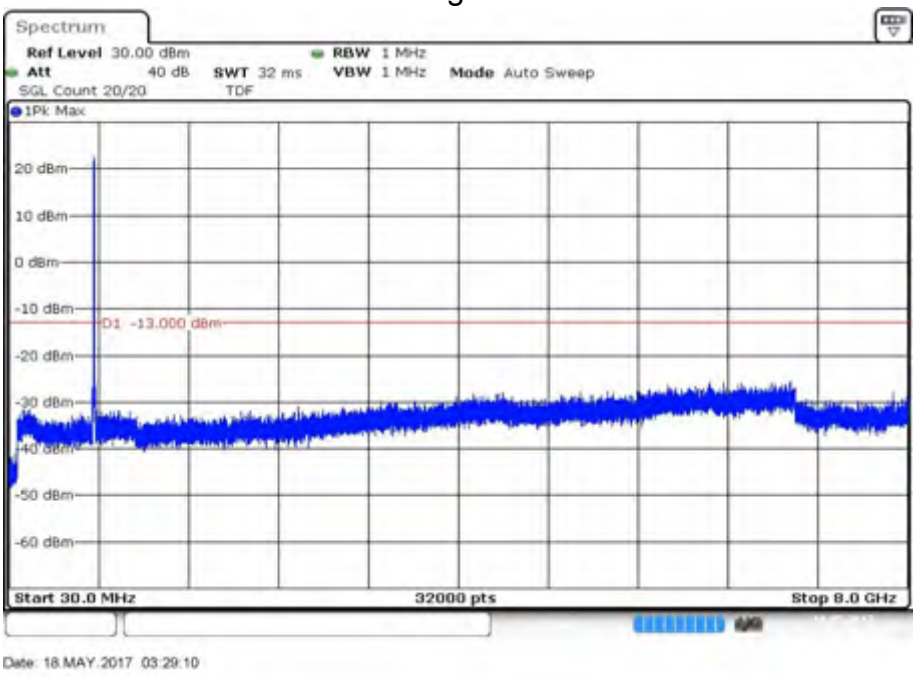


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

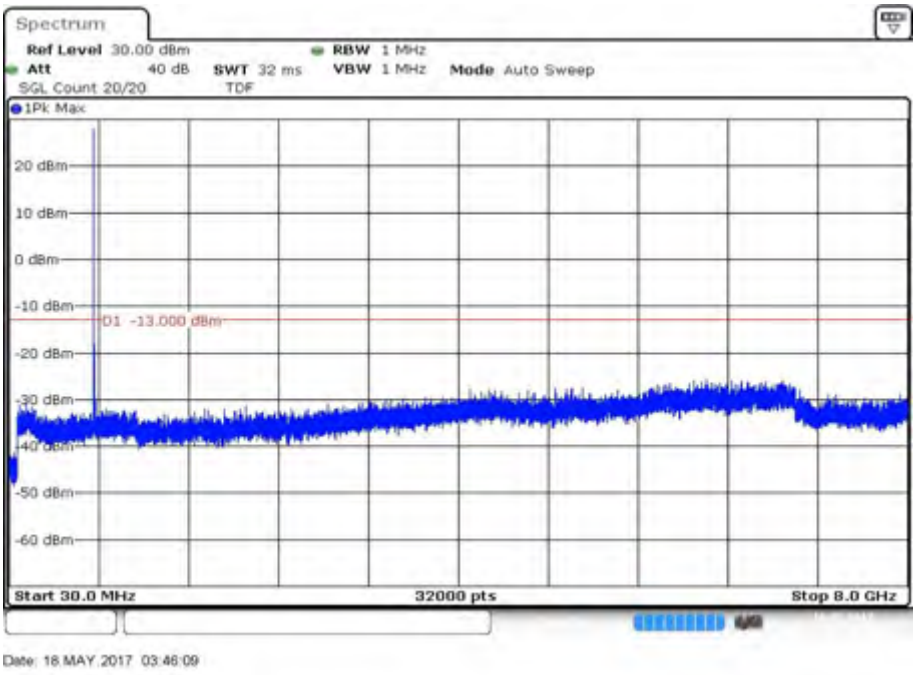


Fig.1

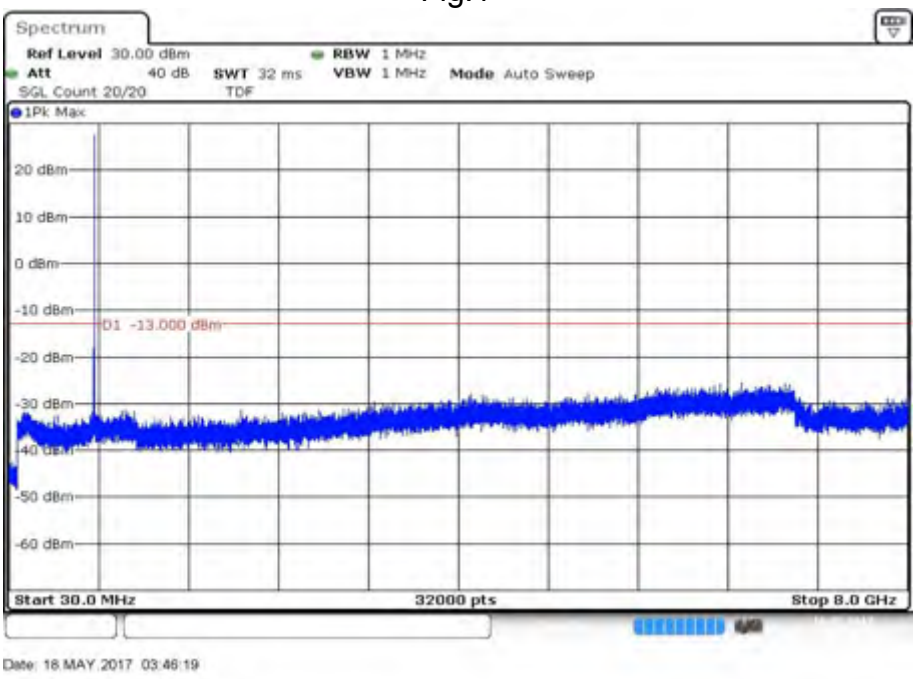


Fig.2

Copyright © SRTC

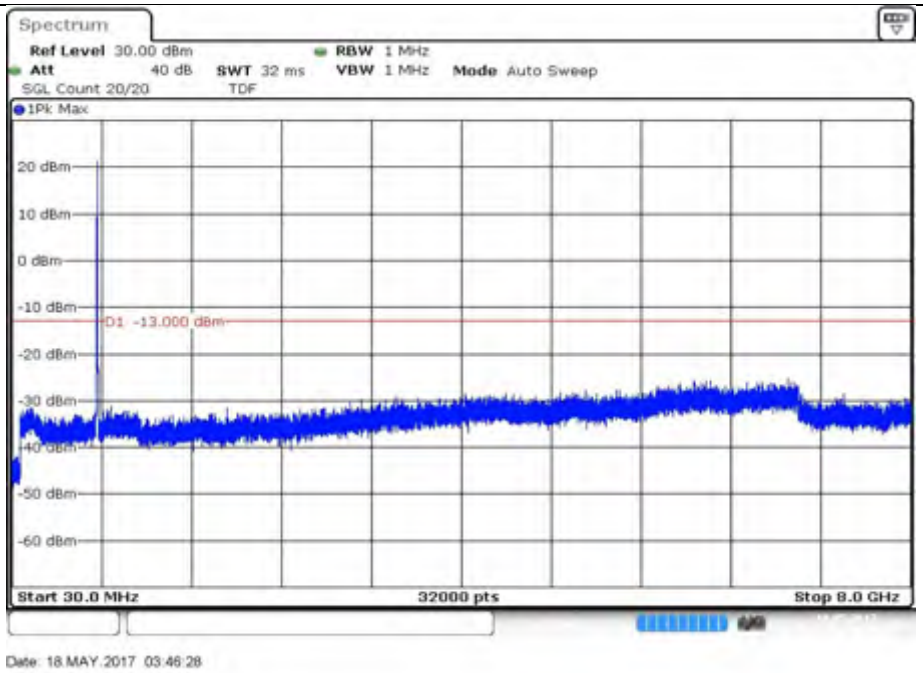


Fig.3

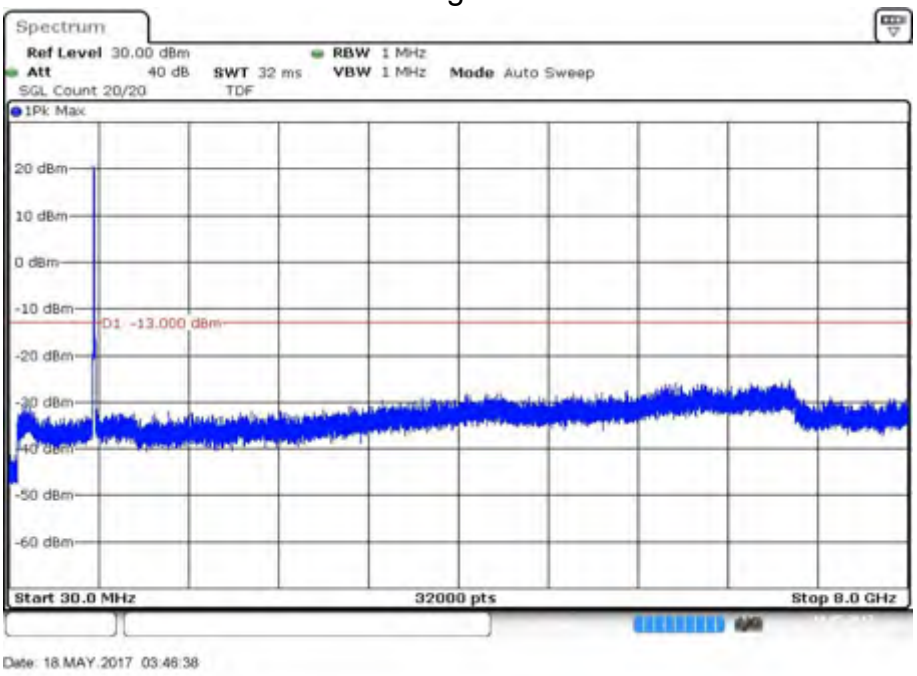


Fig.4

Copyright © SRTC

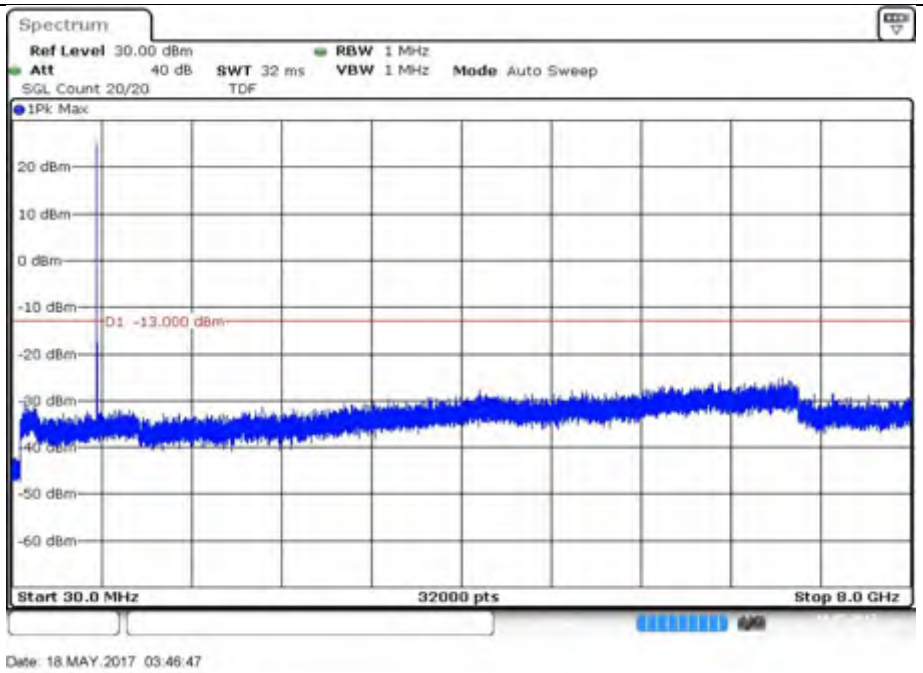


Fig.5

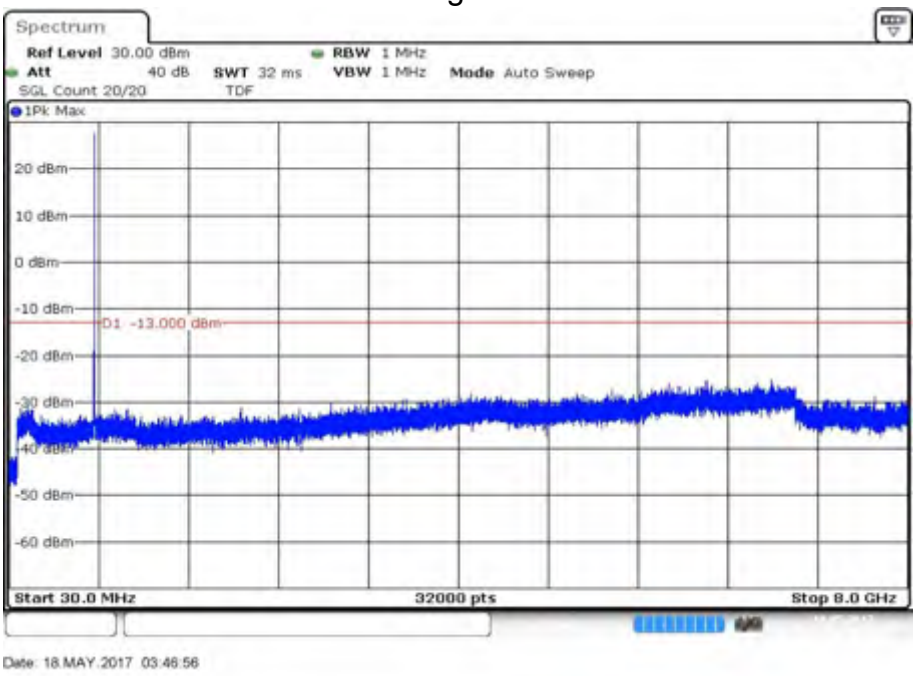


Fig.6

Copyright © SRTC

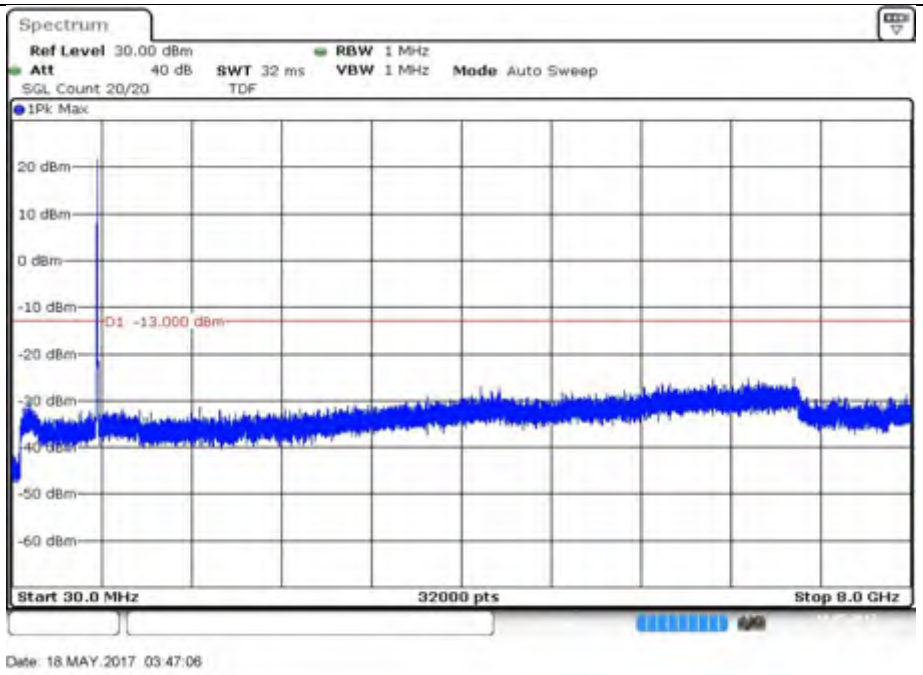


Fig.7

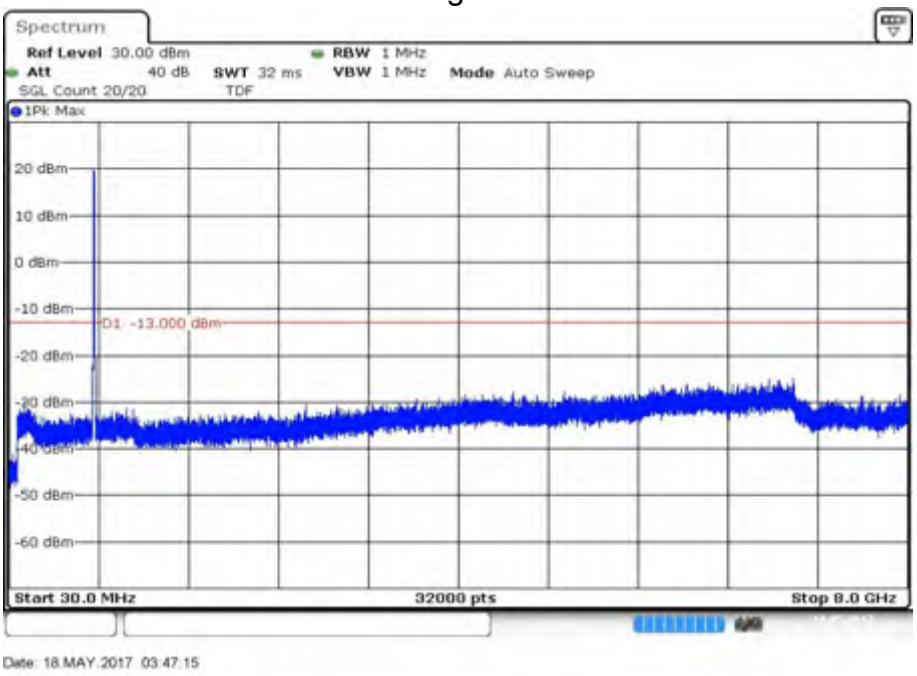


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

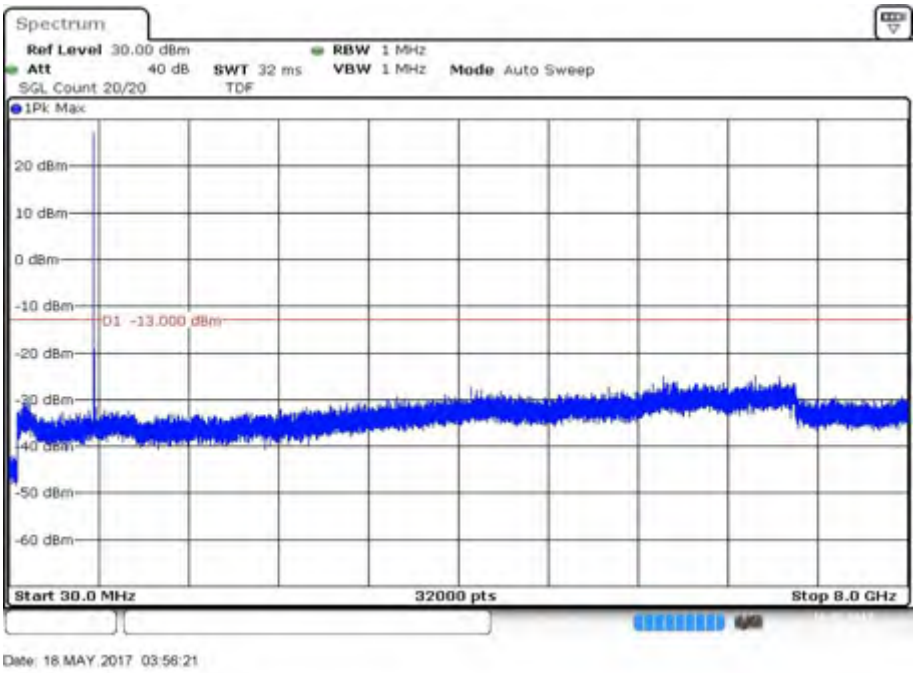


Fig.1

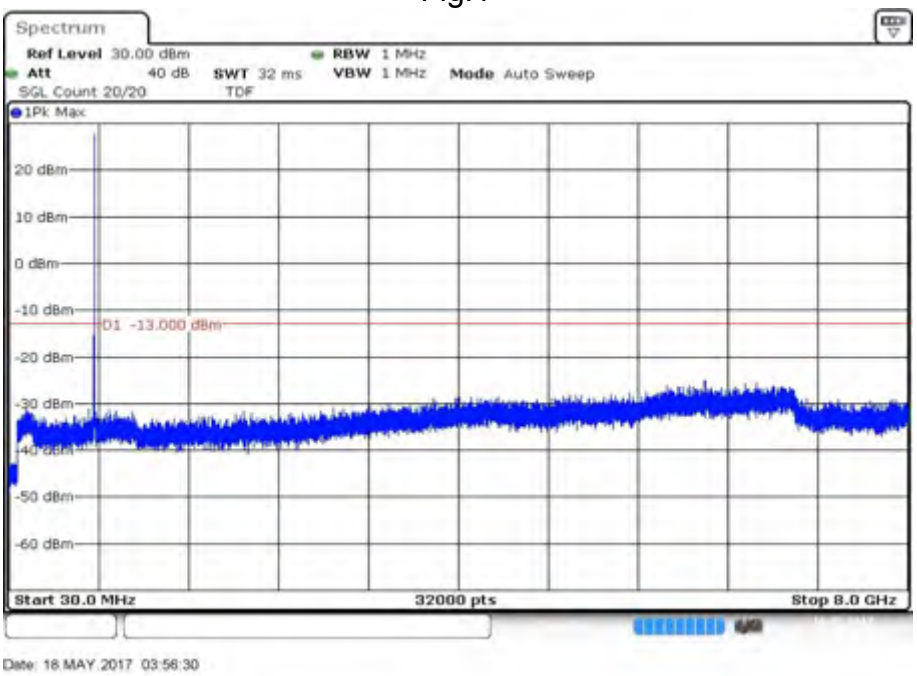


Fig.2

Copyright © SRTC

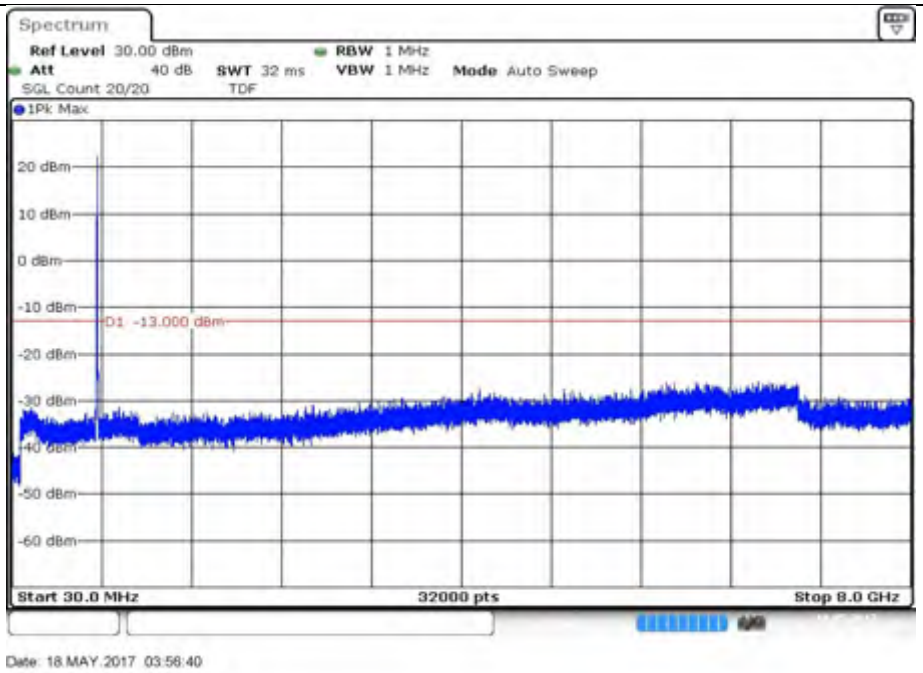


Fig.3

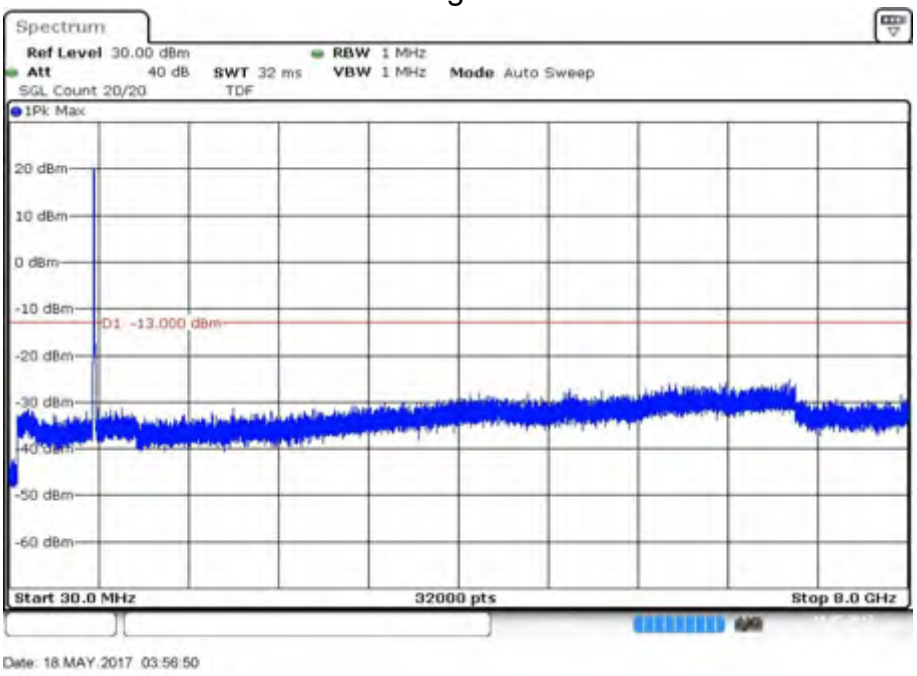


Fig.4

Copyright © SRTC

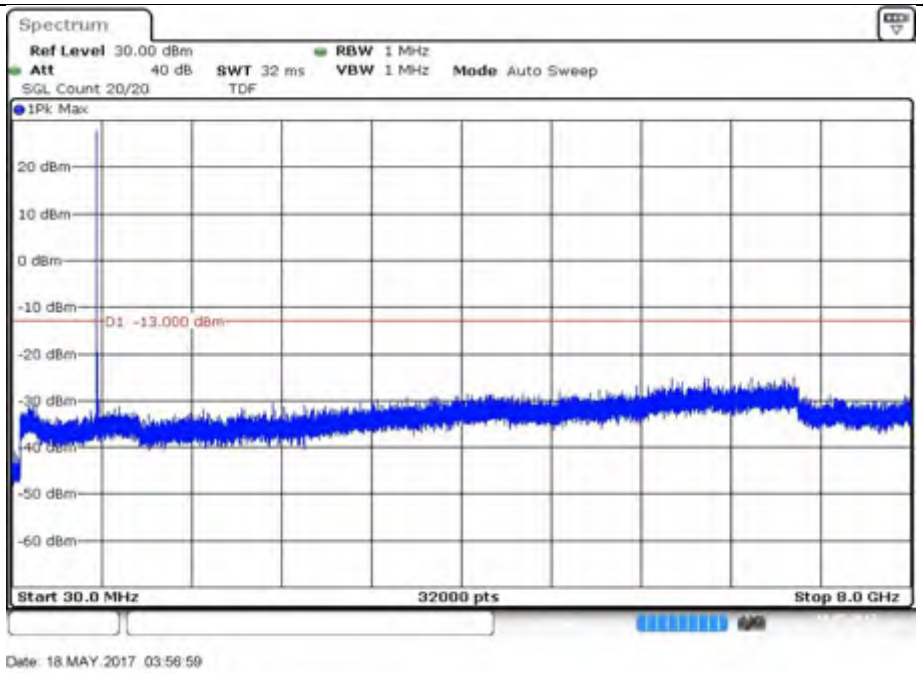


Fig.5

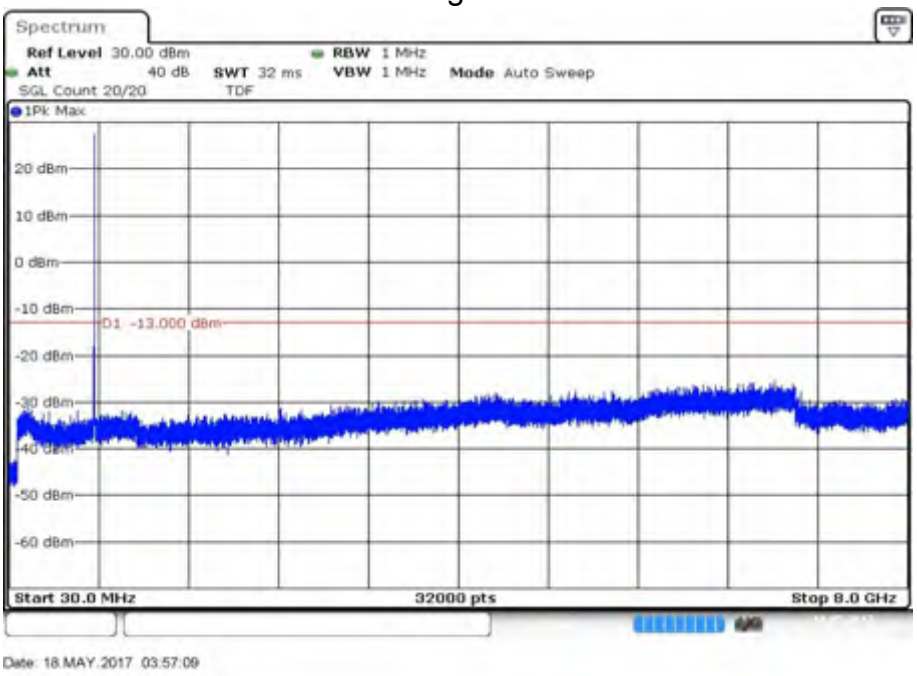


Fig.6

Copyright © SRTC

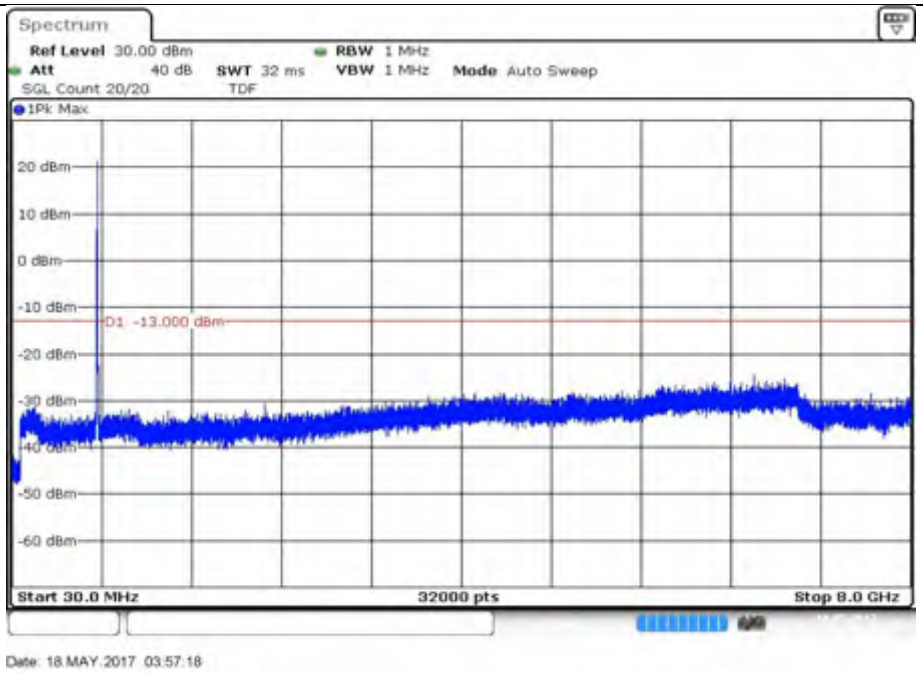


Fig.7

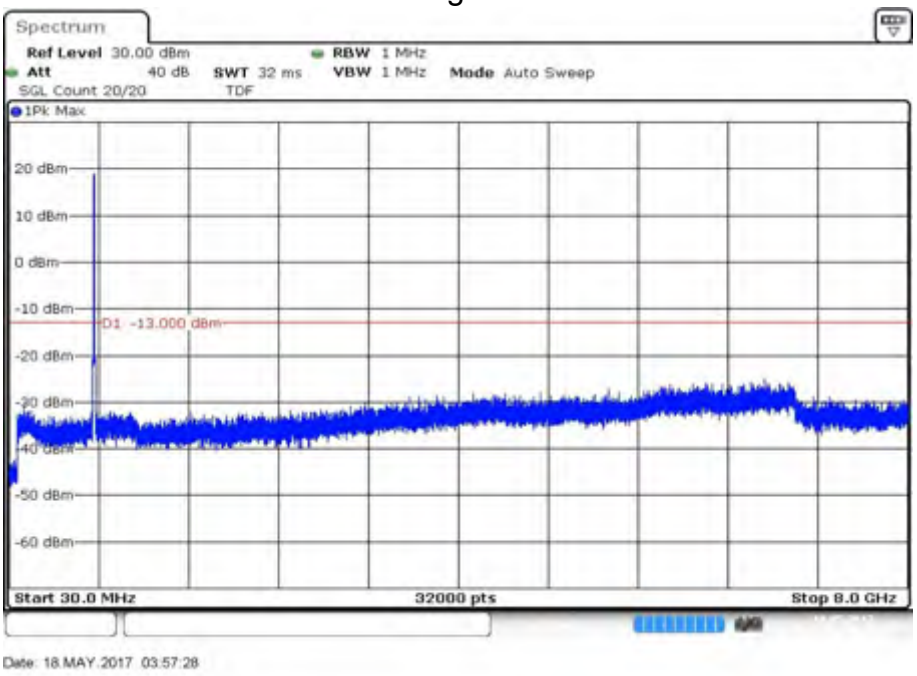


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

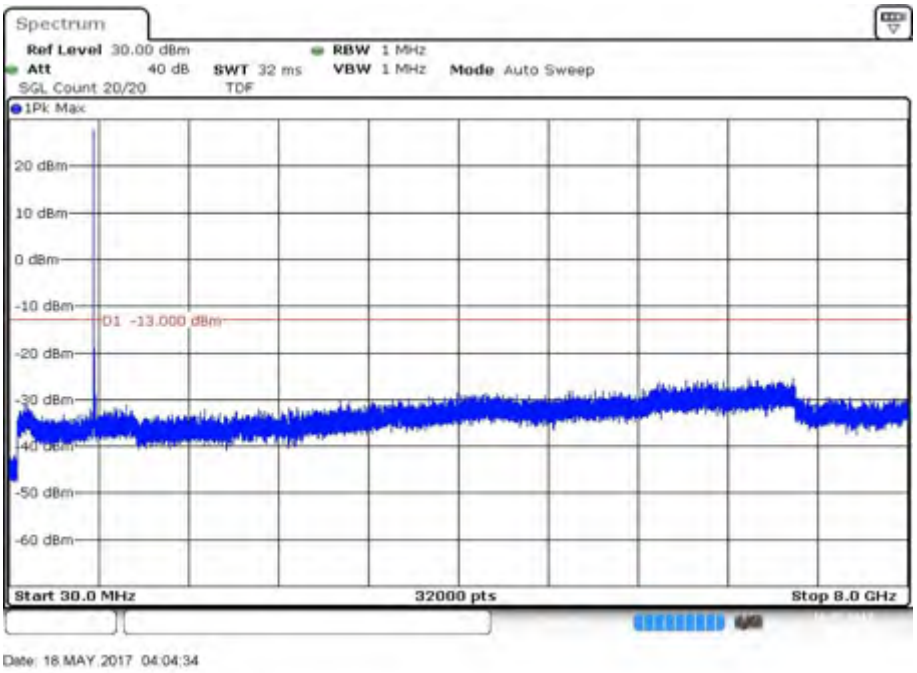


Fig.1

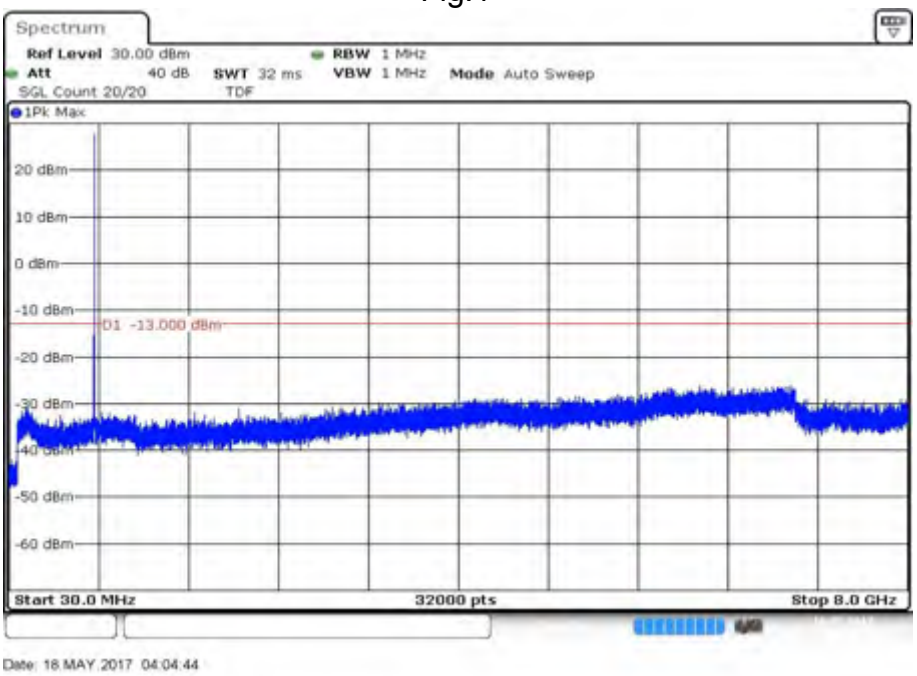


Fig.2

Copyright © SRTC

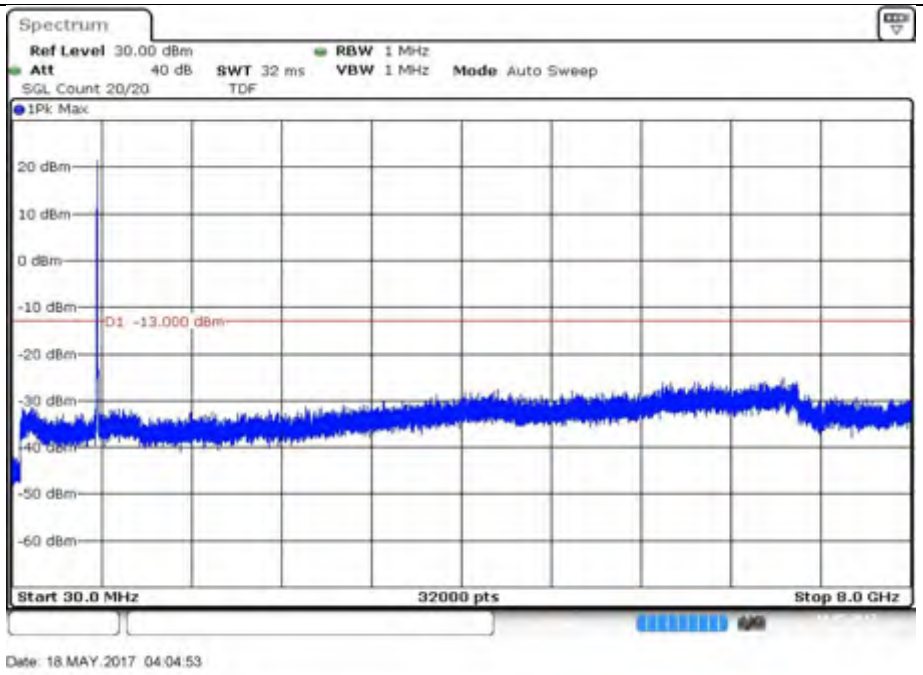


Fig.3

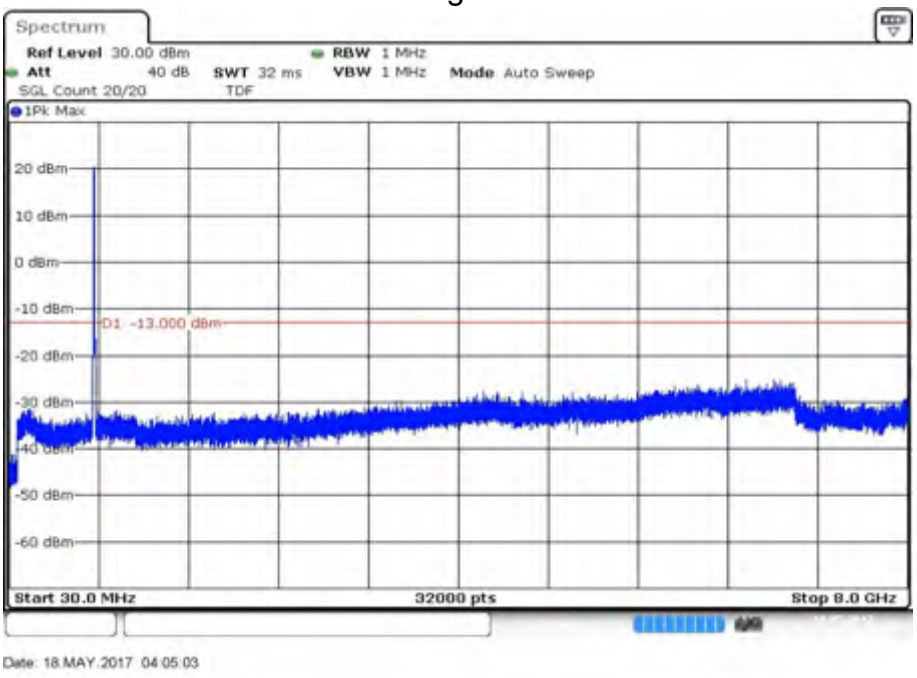


Fig.4

Copyright © SRTC

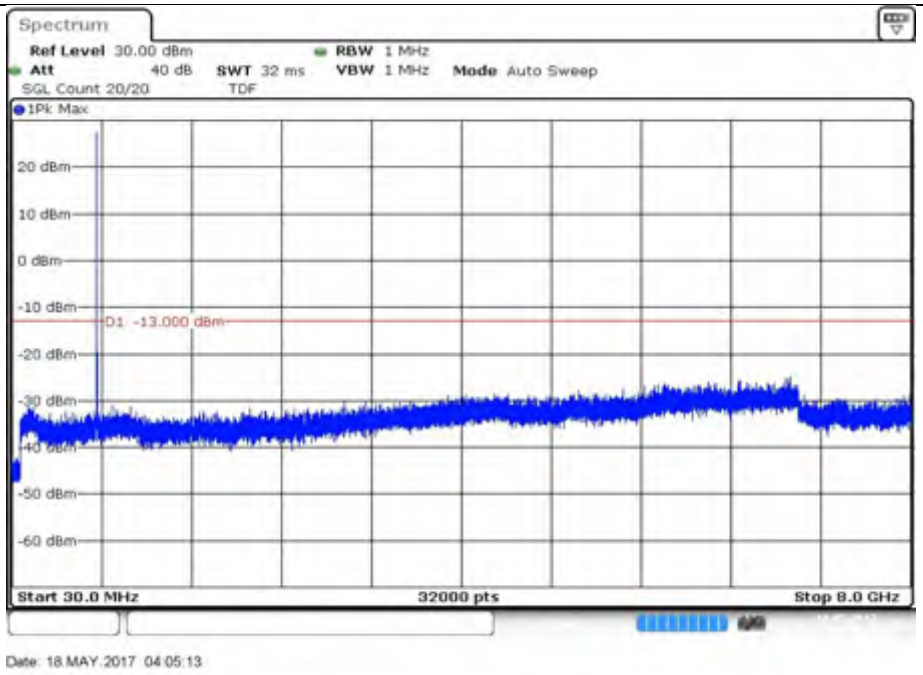


Fig.5

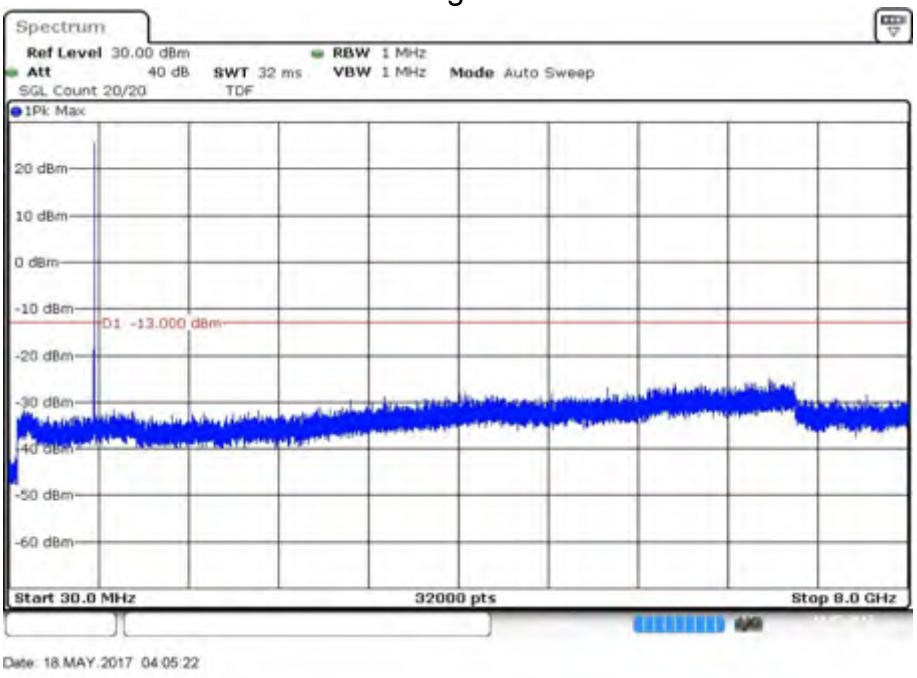


Fig.6

Copyright © SRTC

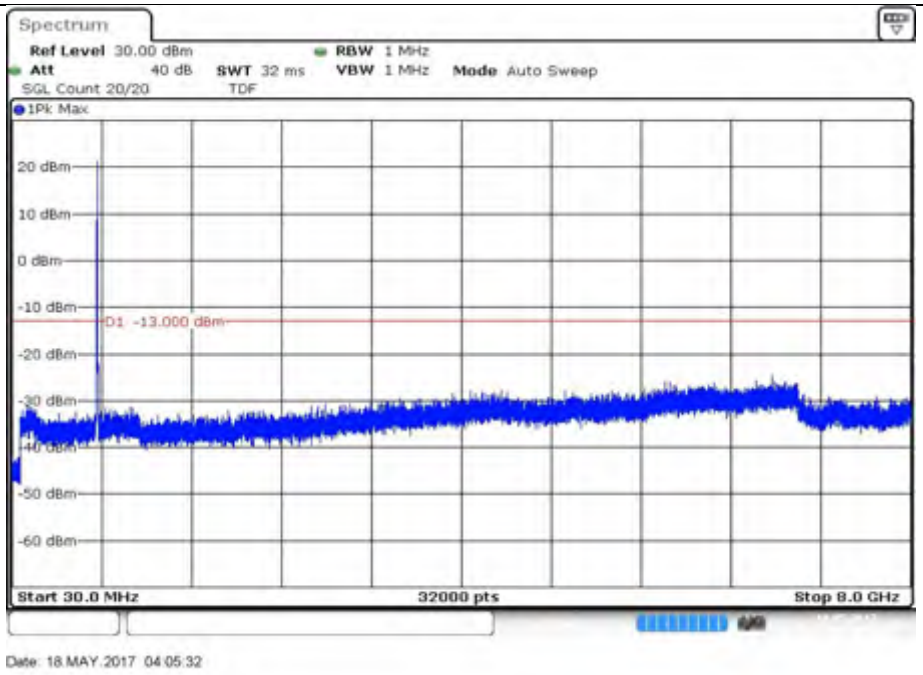


Fig.7

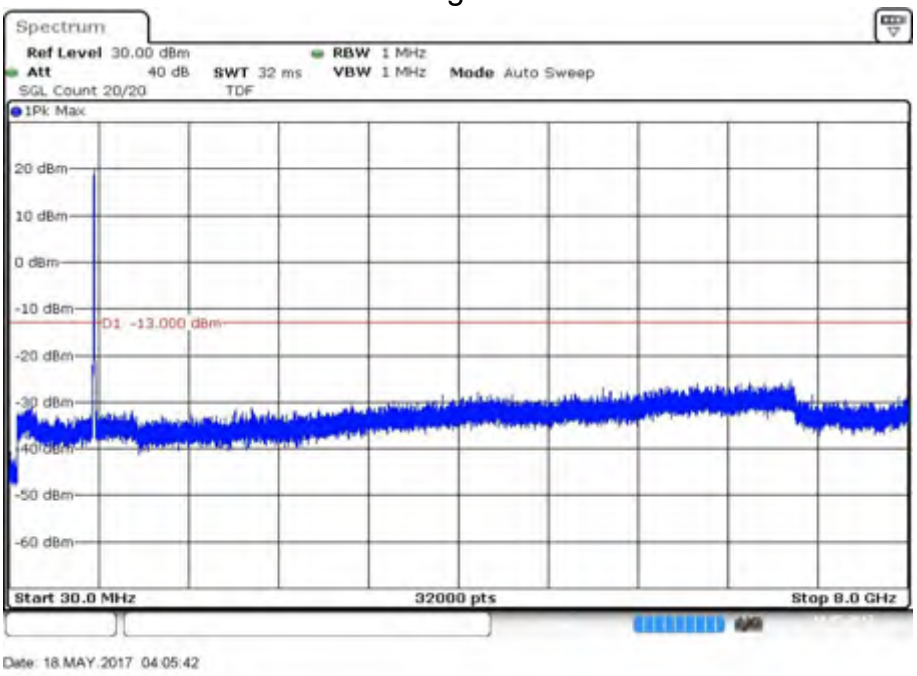


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

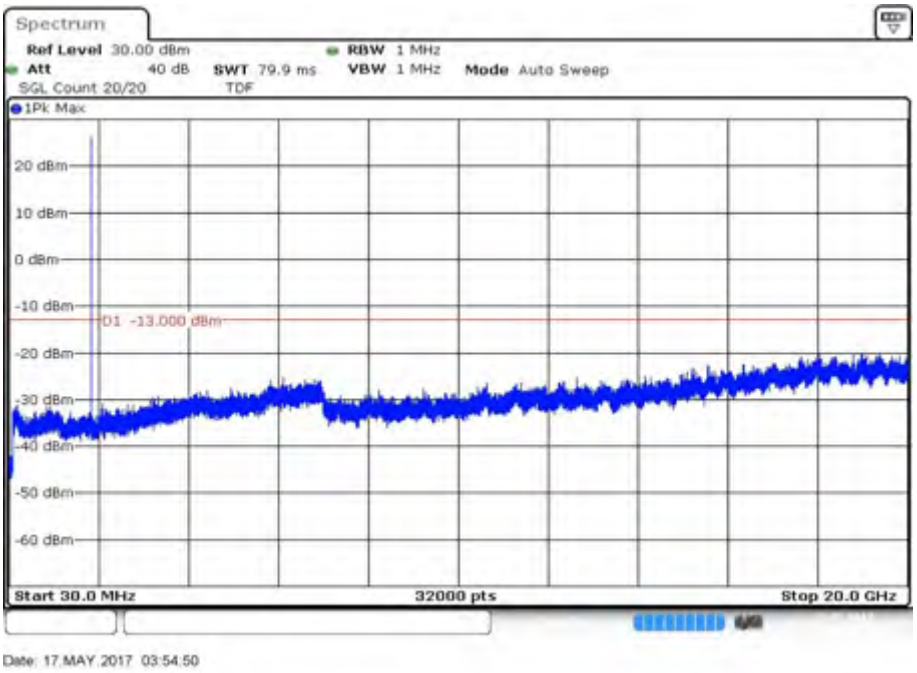


Fig.1

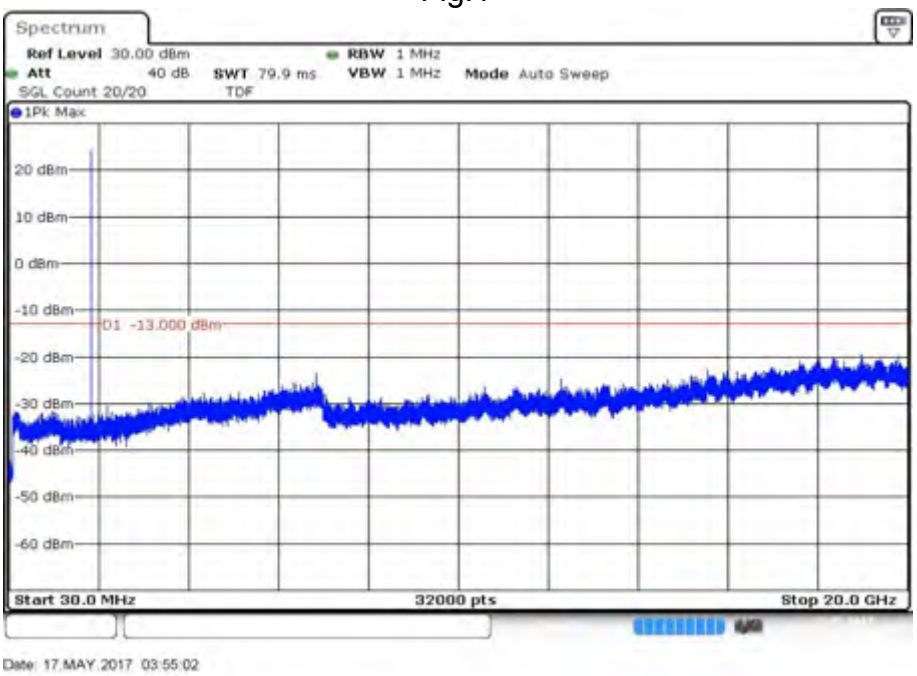


Fig.2

Copyright © SRTC

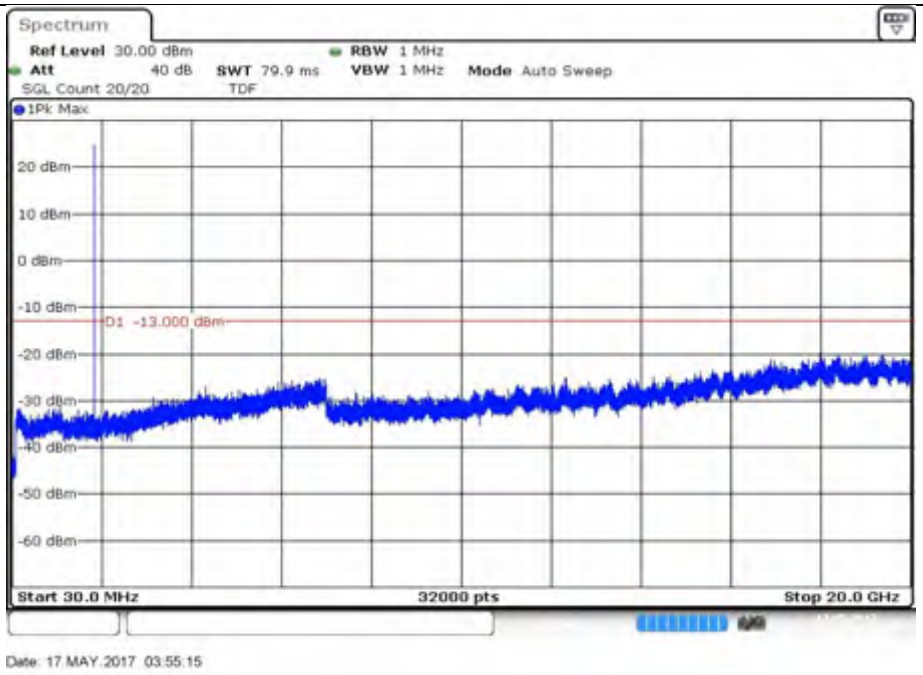


Fig.3

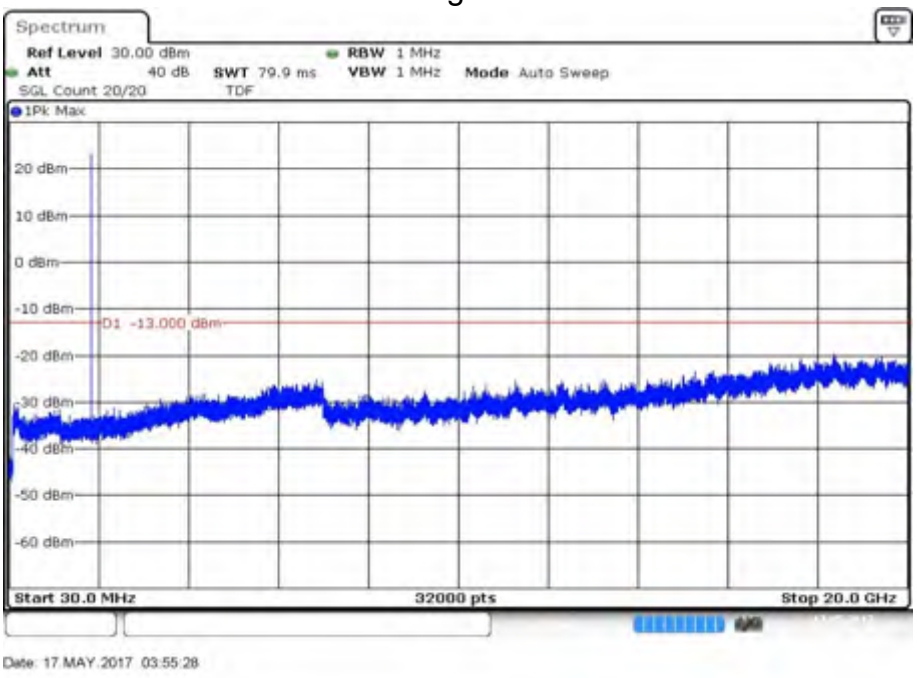


Fig.4

Copyright © SRTC

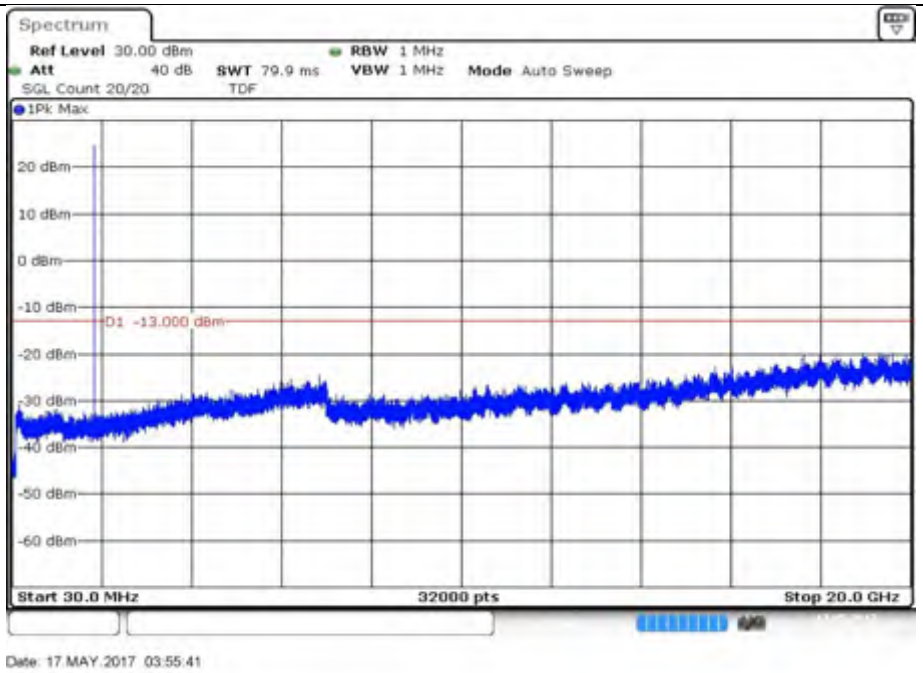


Fig.5

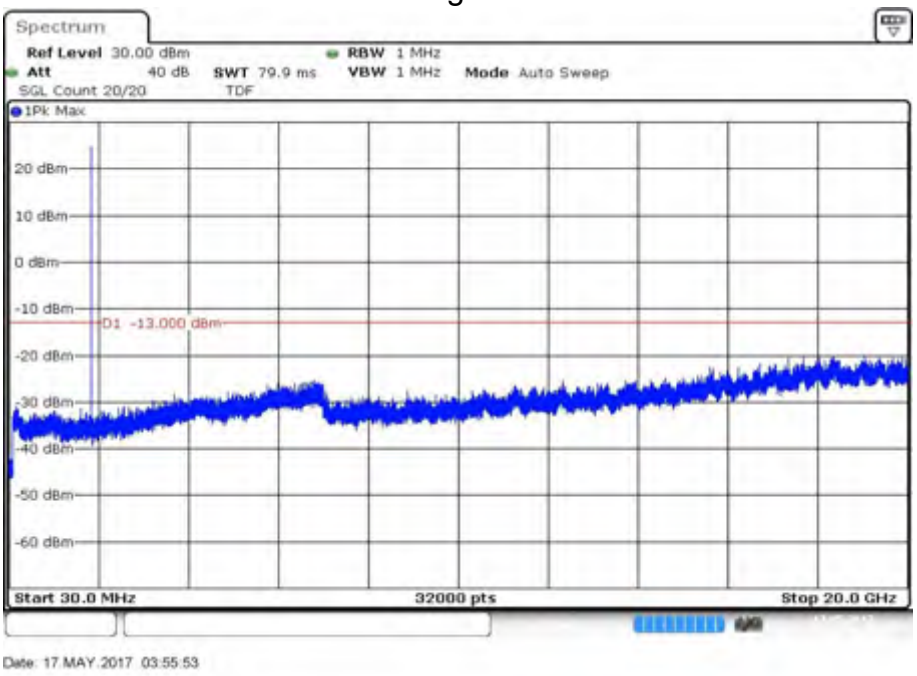


Fig.6

Copyright © SRTC

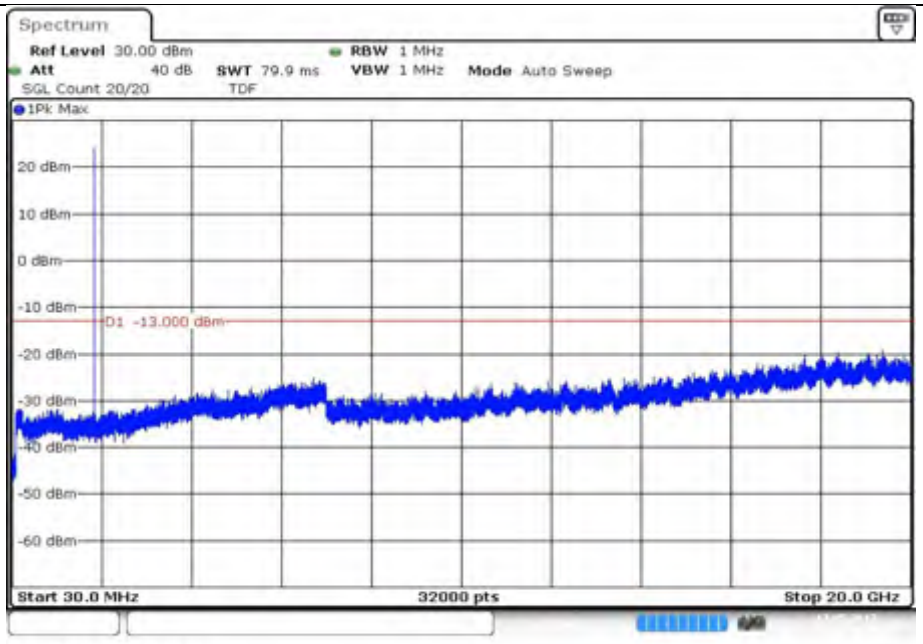


Fig.7

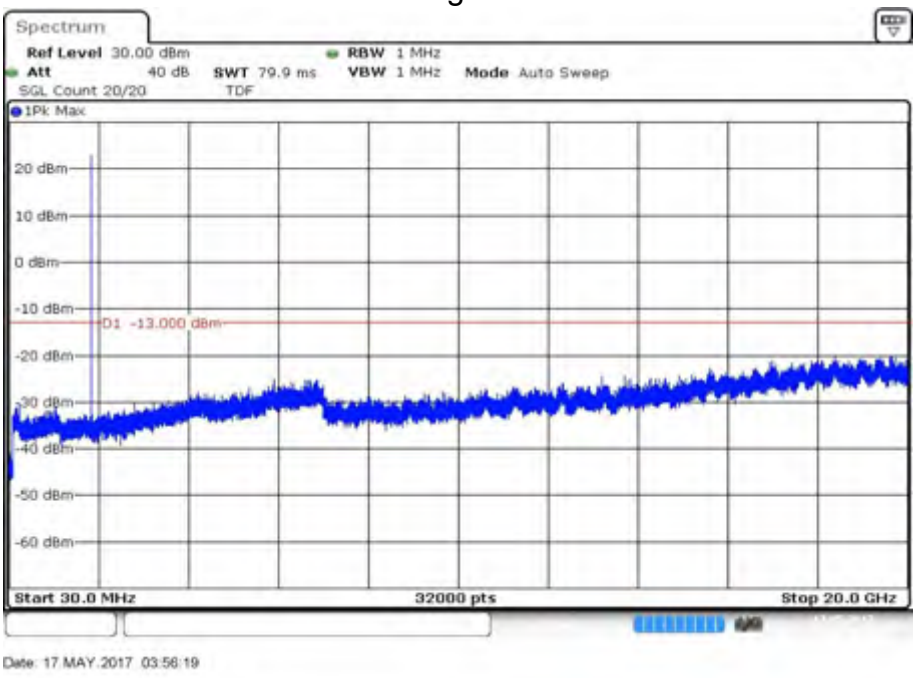


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1880	18900	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

Copyright © SRTC

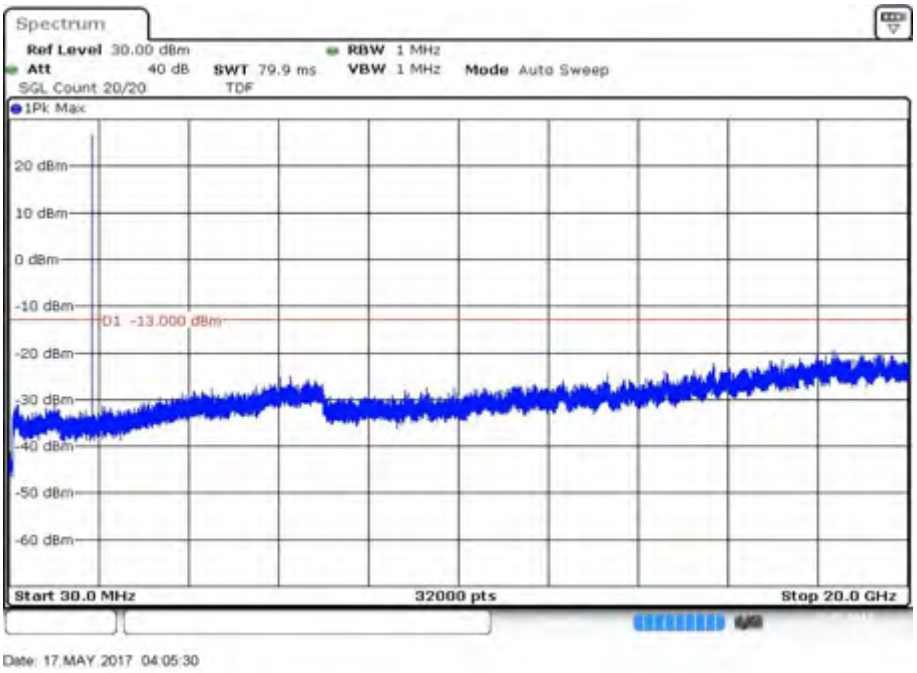


Fig.1

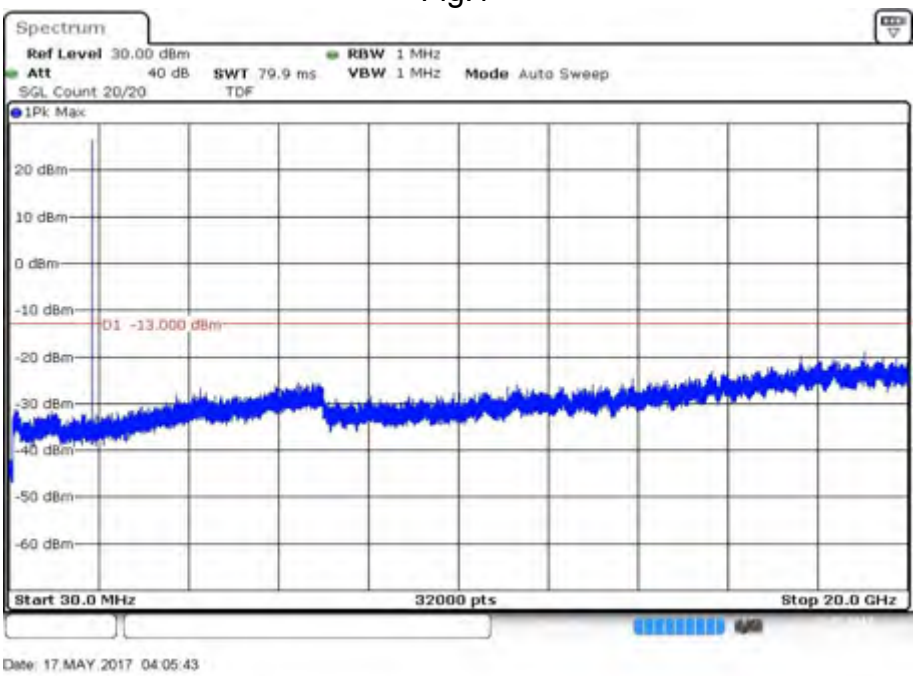


Fig.2

Copyright © SRTC

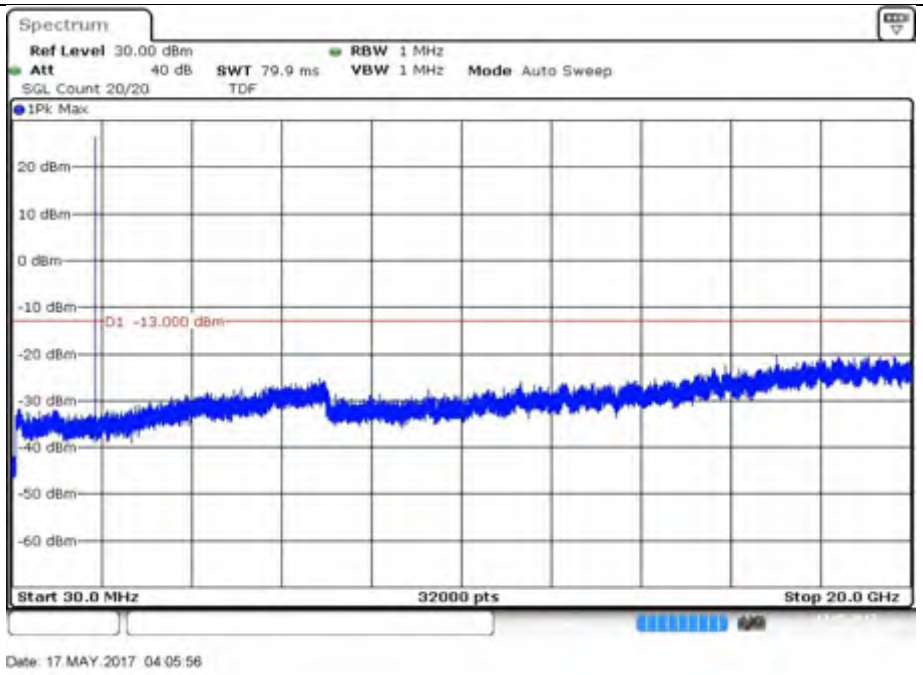


Fig.3

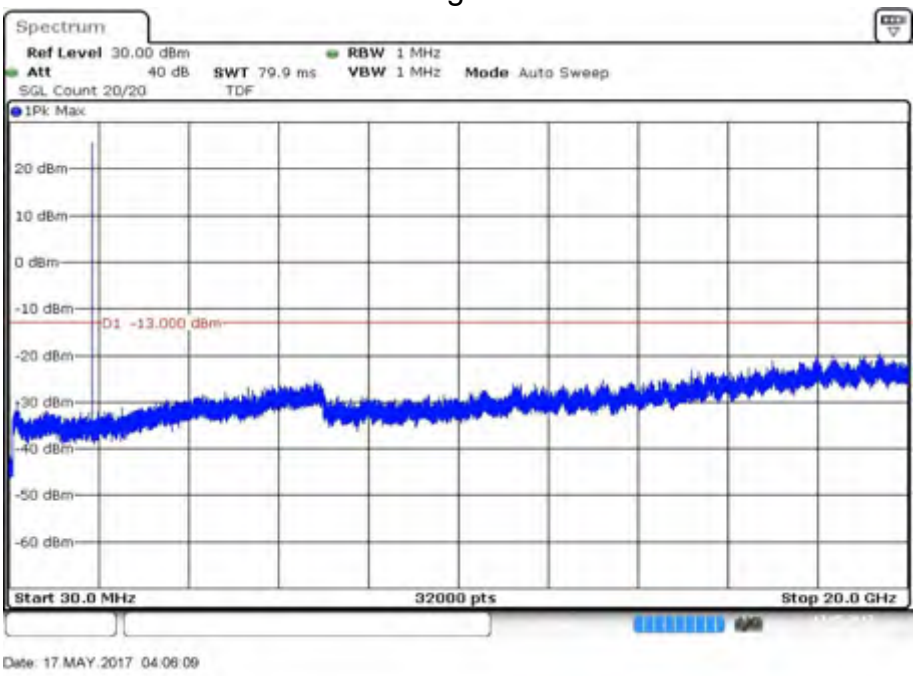


Fig.4

Copyright © SRTC

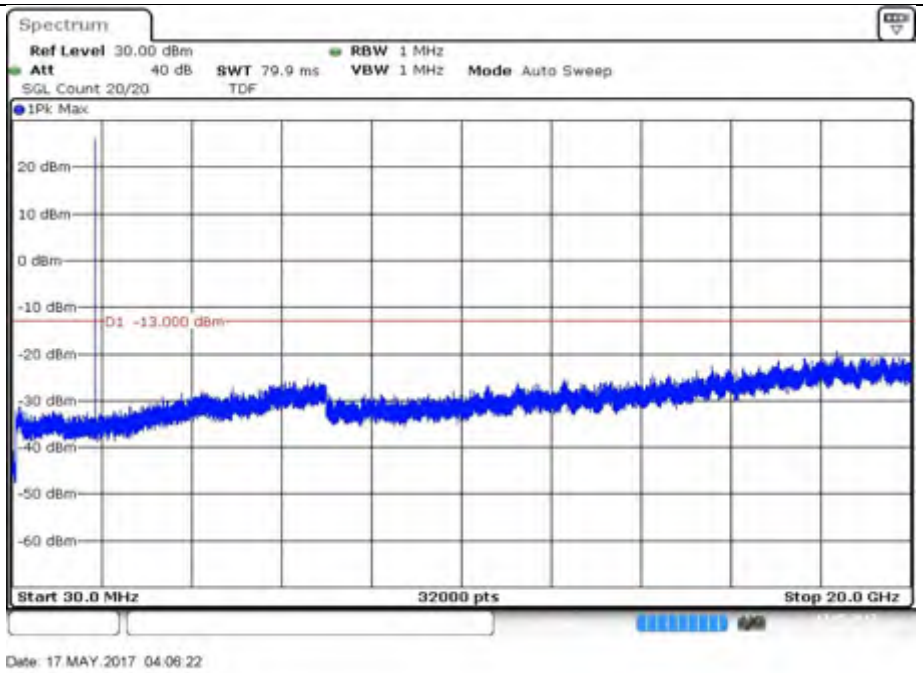


Fig.5

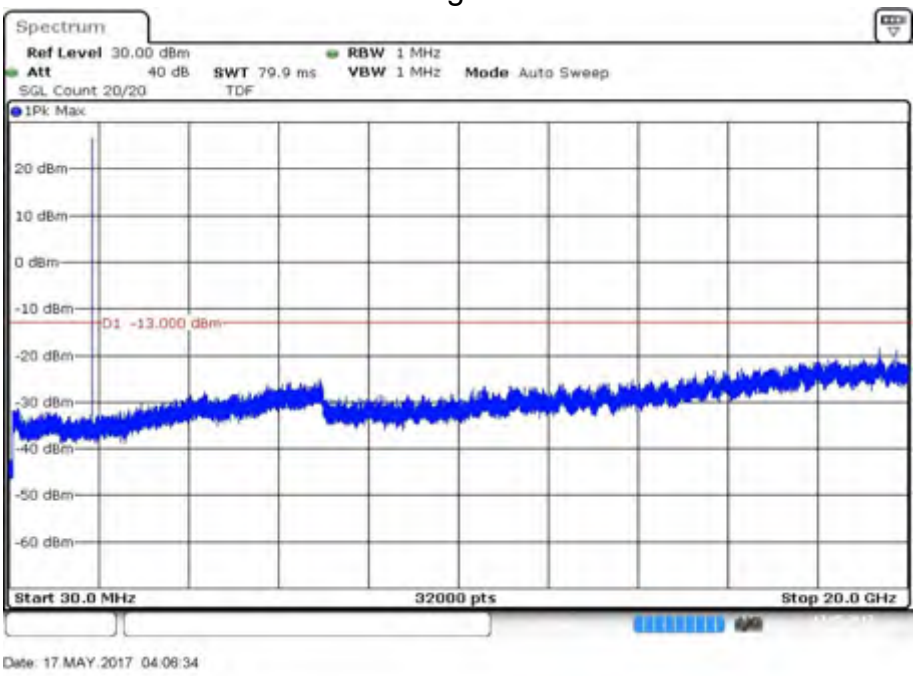


Fig.6

Copyright © SRTC

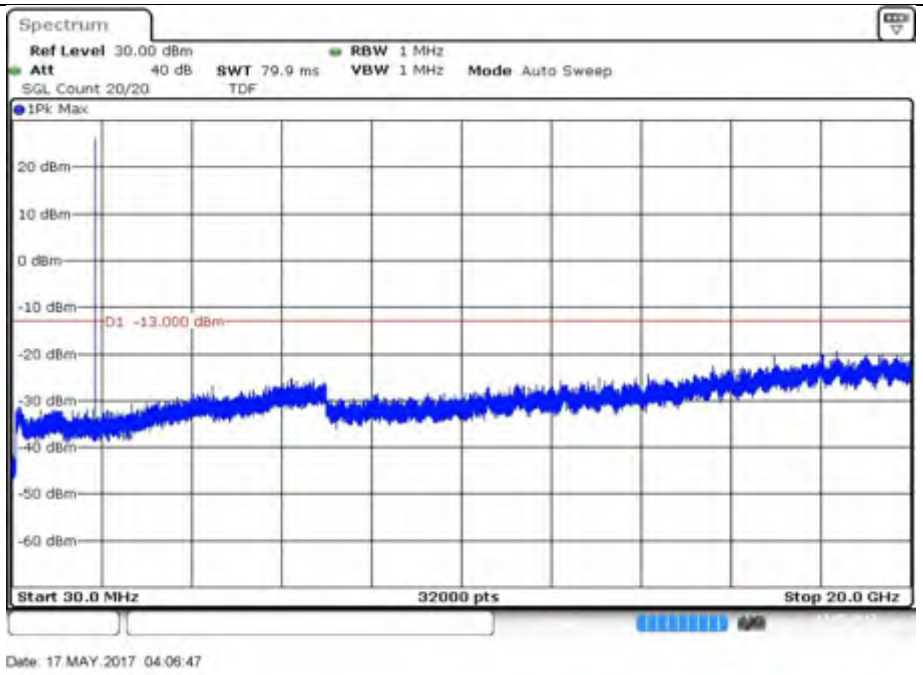


Fig.7

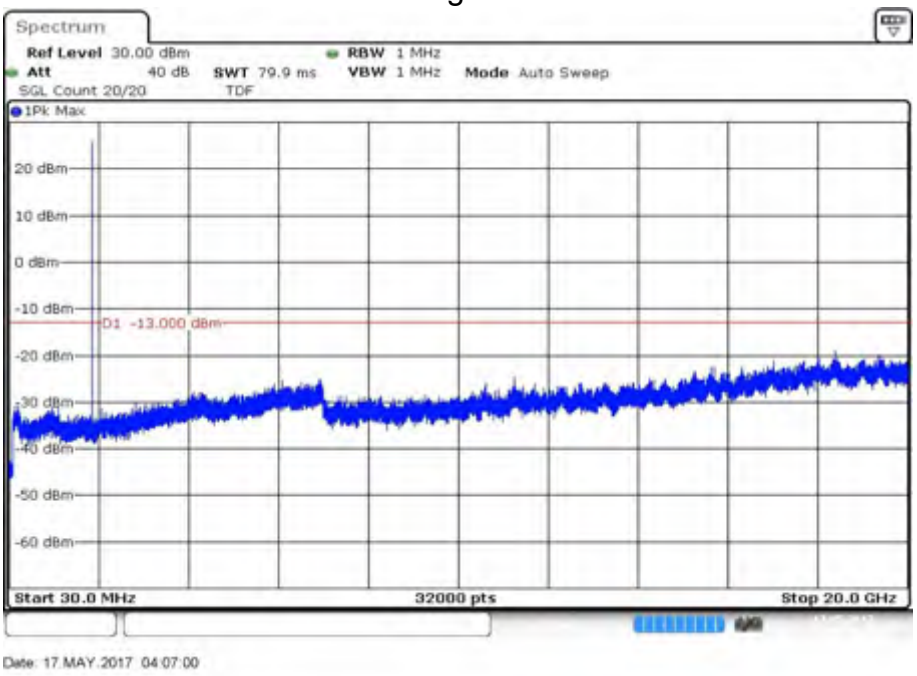


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						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

Copyright © SRTC

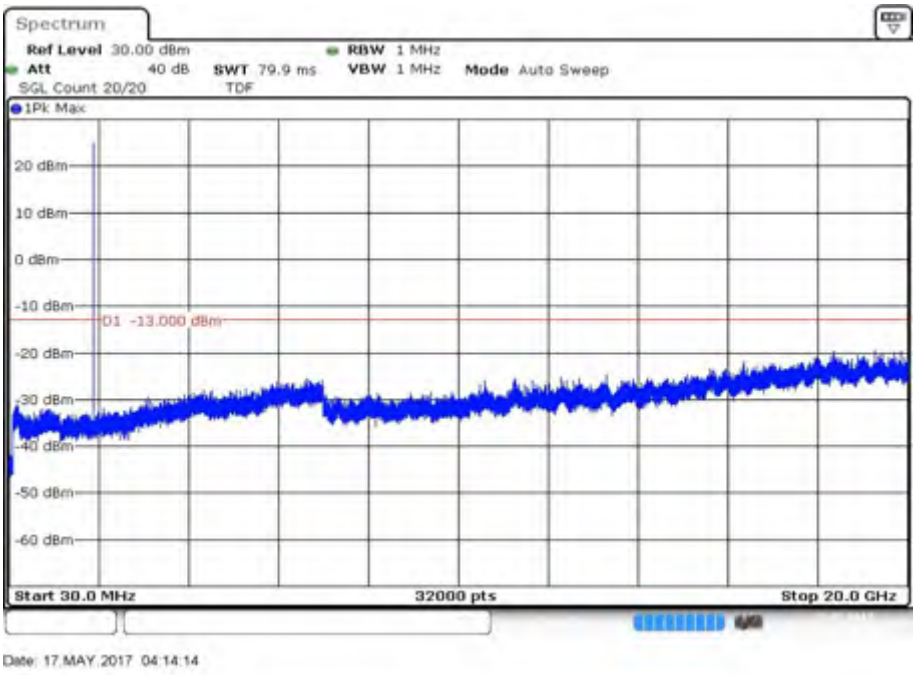


Fig.1

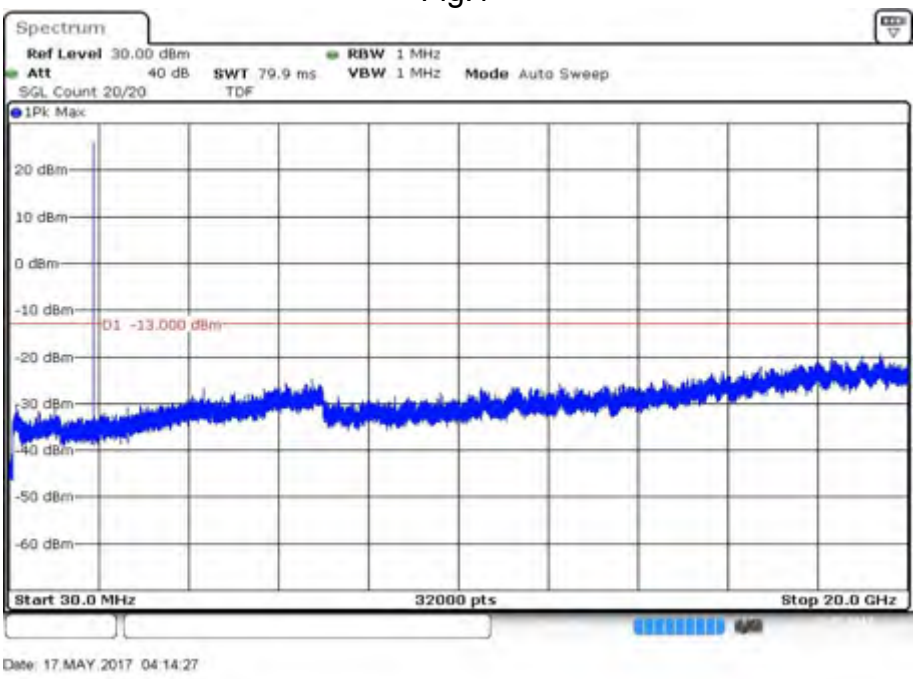


Fig.2

Copyright © SRTC

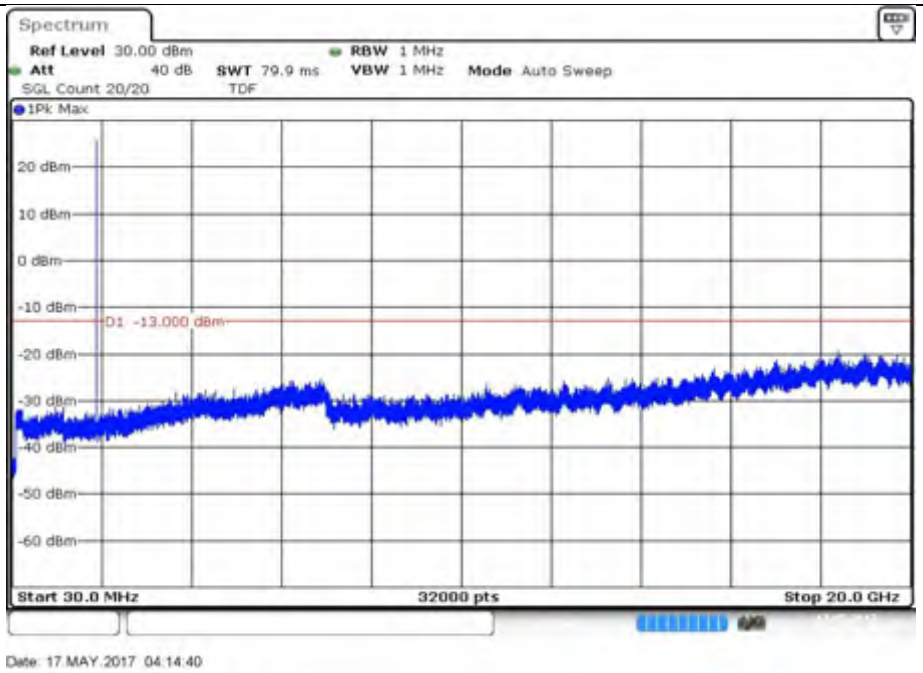


Fig.3

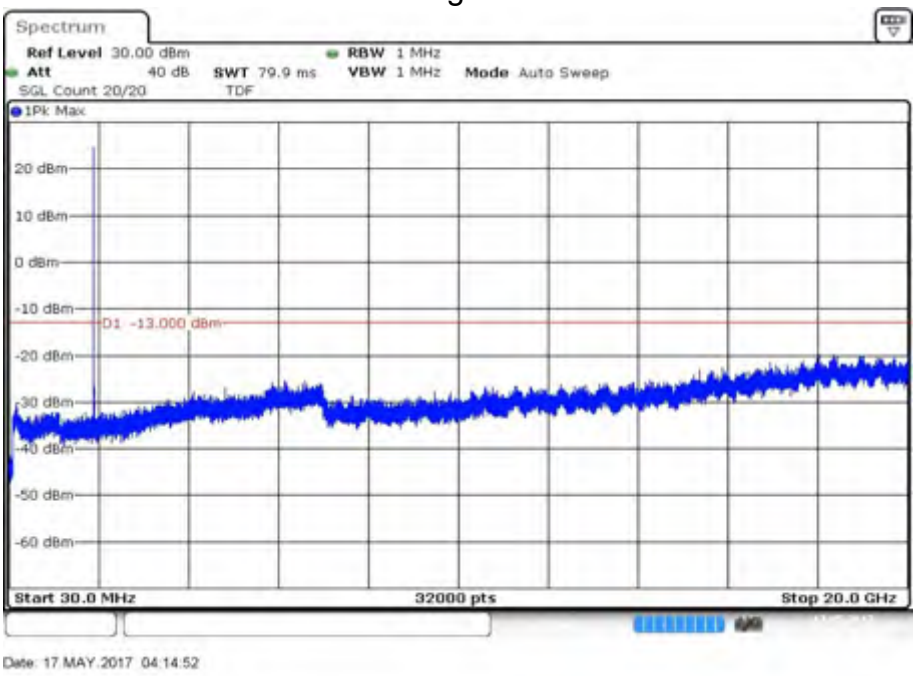


Fig.4

Copyright © SRTC

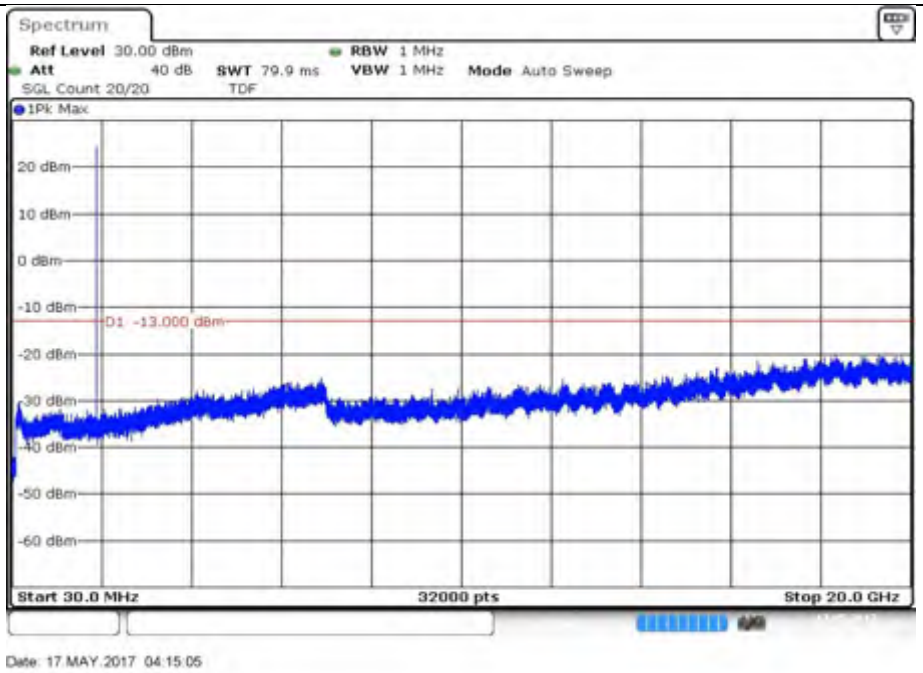


Fig.5

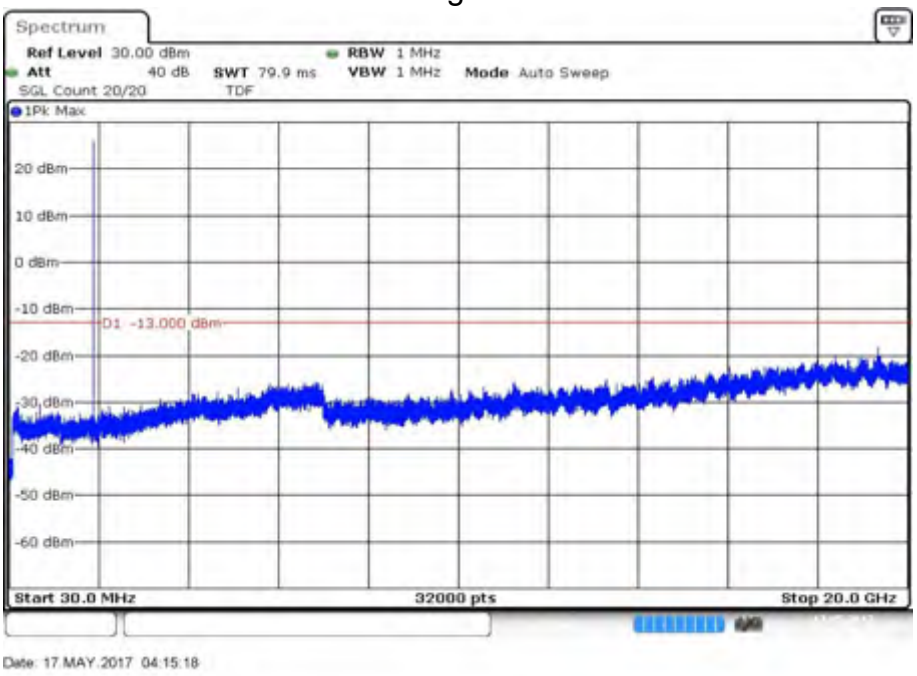


Fig.6

Copyright © SRTC

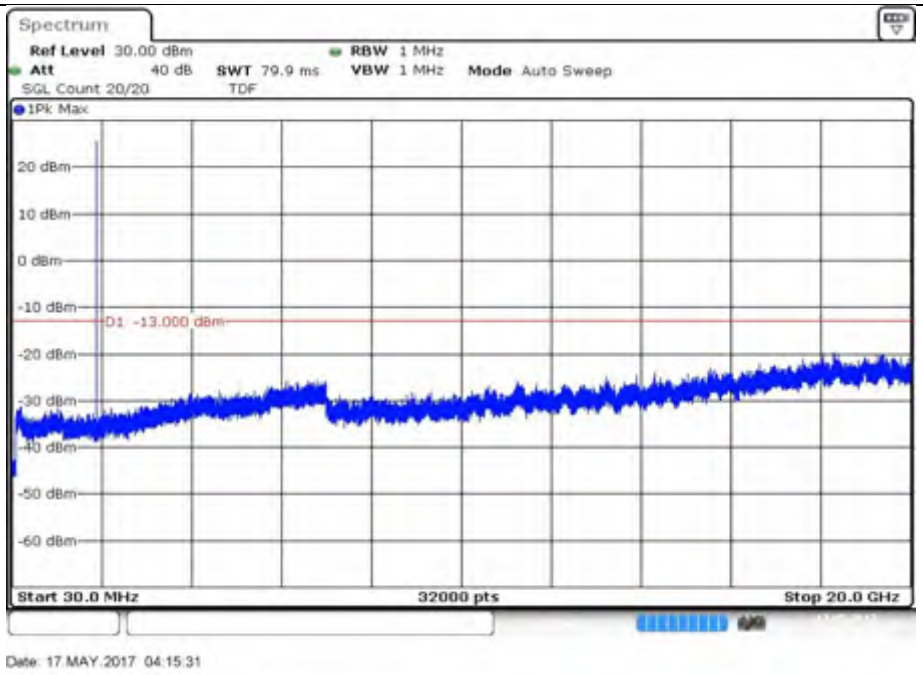


Fig.7

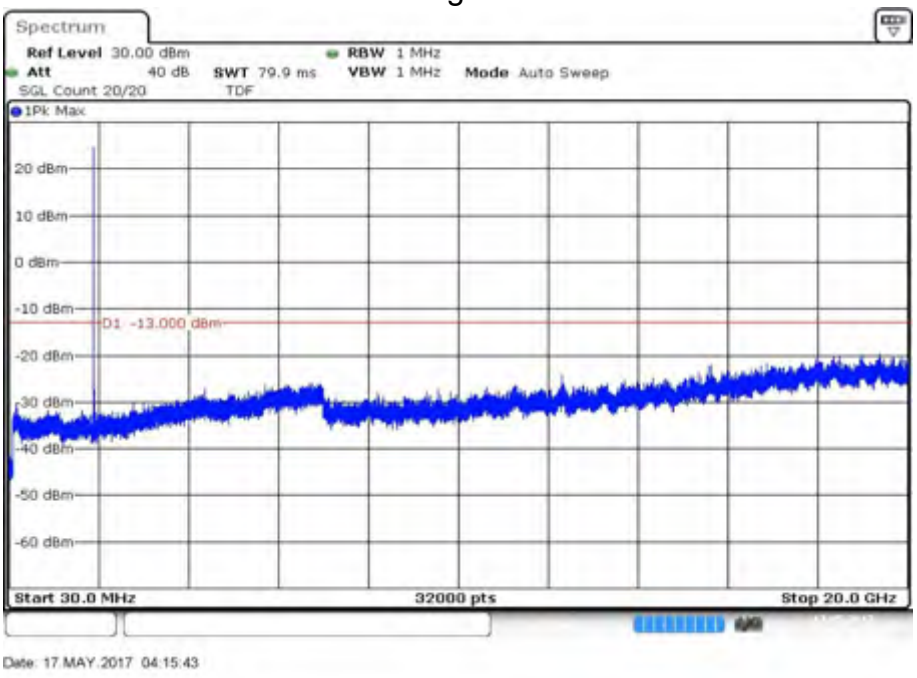


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1851.5	18615	3	1	0	Fig.1	Fig.5
				1	14	Fig.2	Fig.6
				8	4	Fig.3	Fig.7
				15	0	Fig.4	Fig.8

Copyright © SRTC

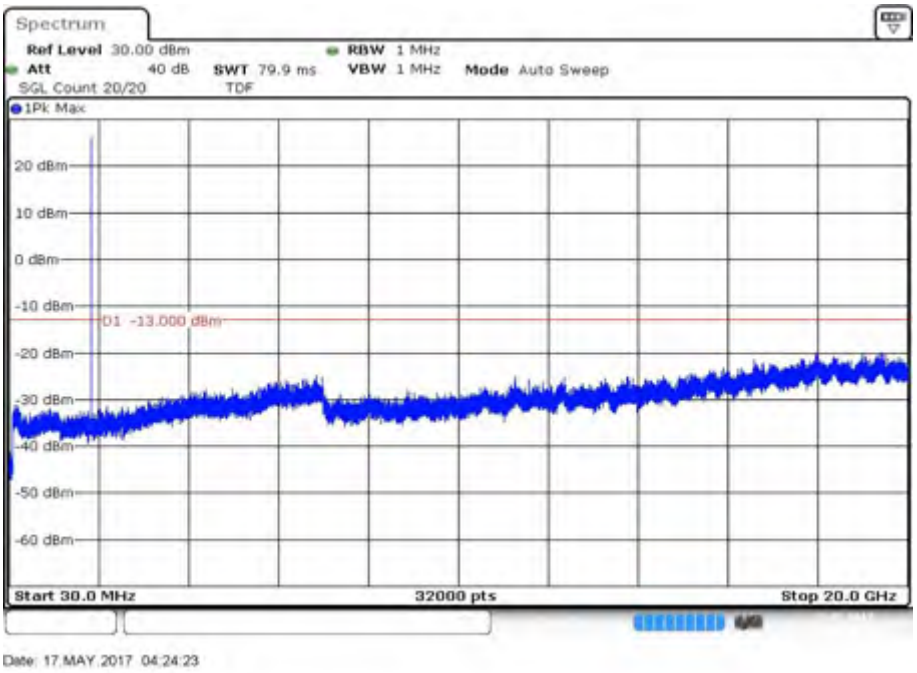


Fig.1

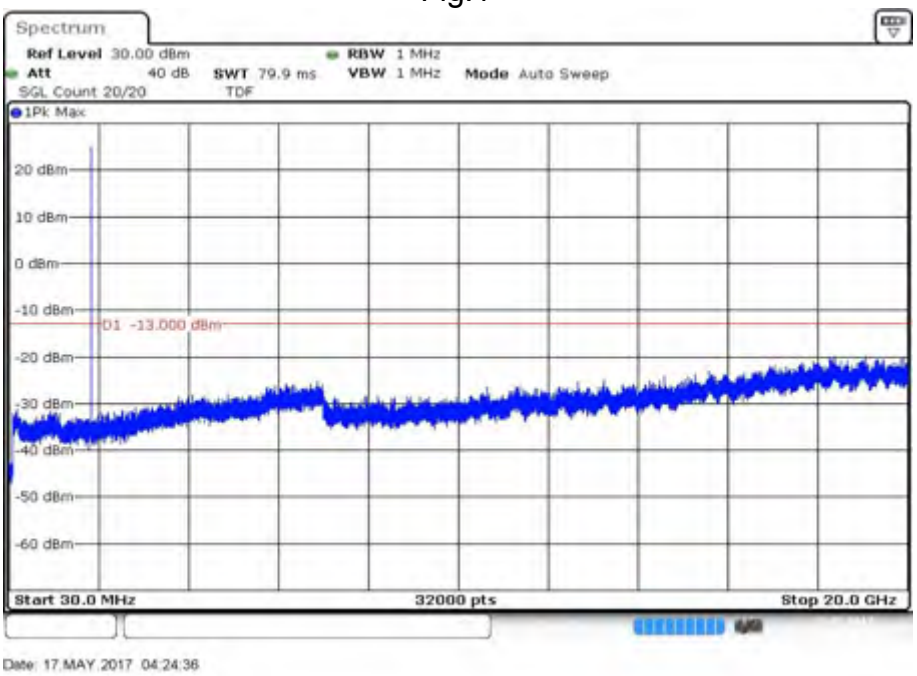


Fig.2

Copyright © SRTC

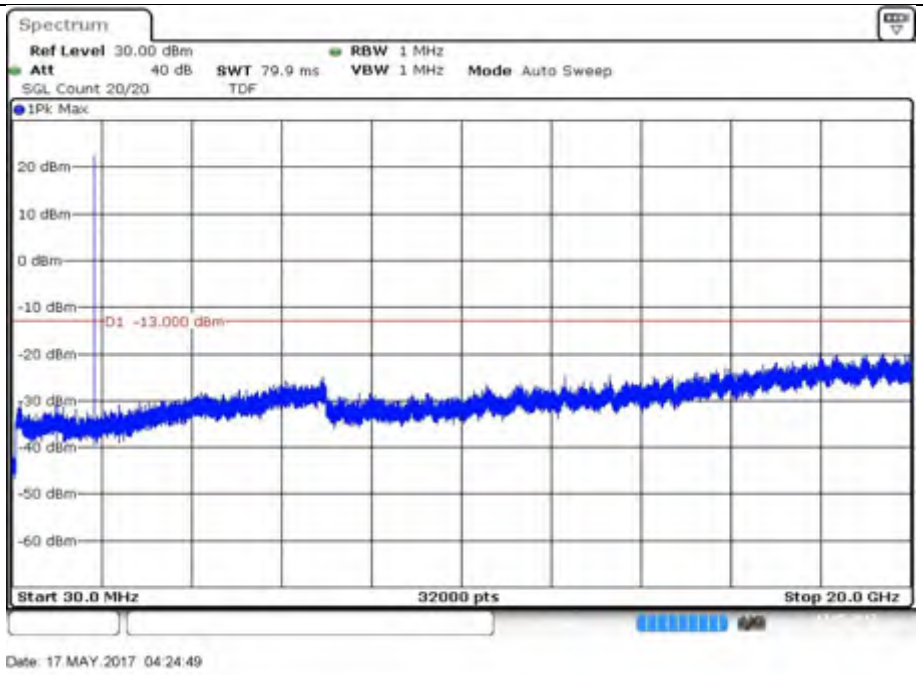


Fig.3

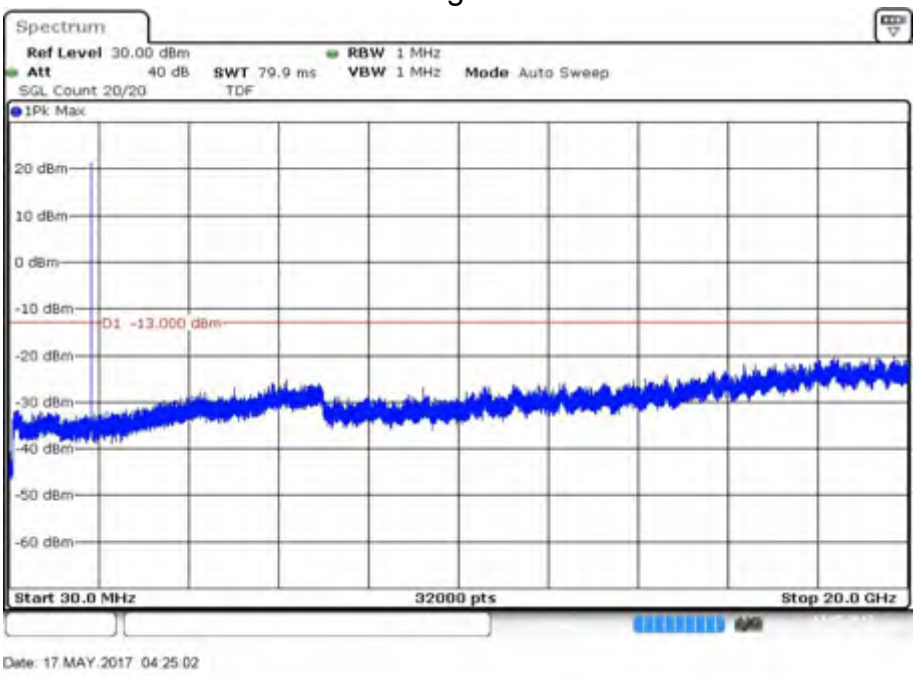


Fig.4

Copyright © SRTC

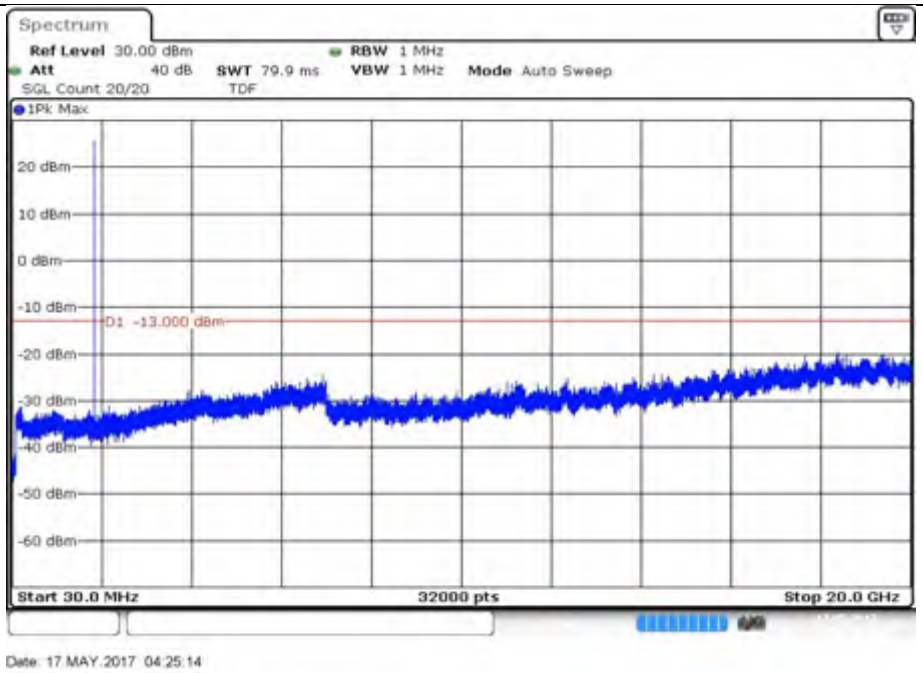


Fig.5

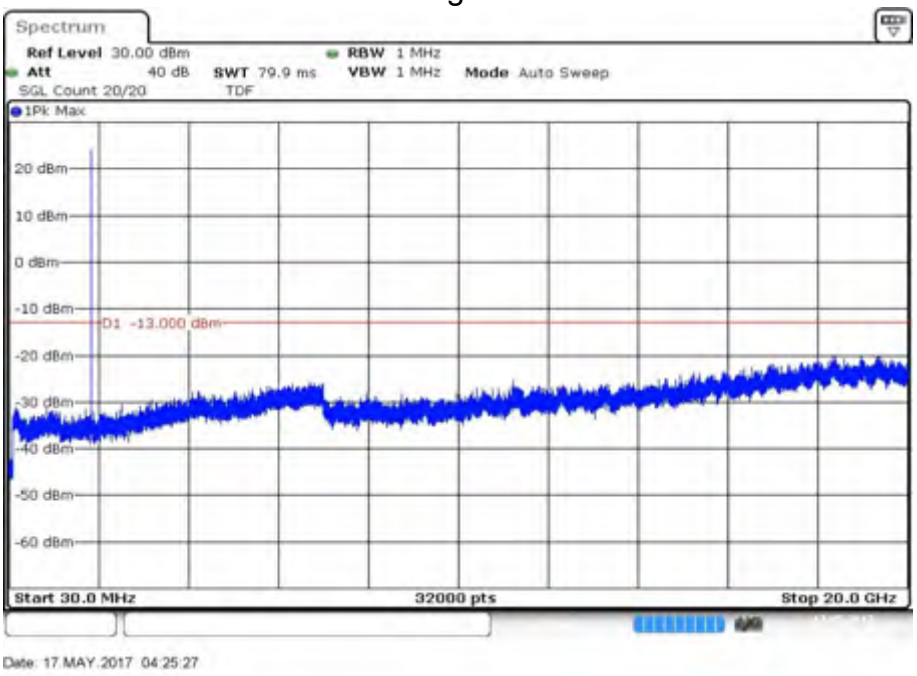


Fig.6

Copyright © SRTC

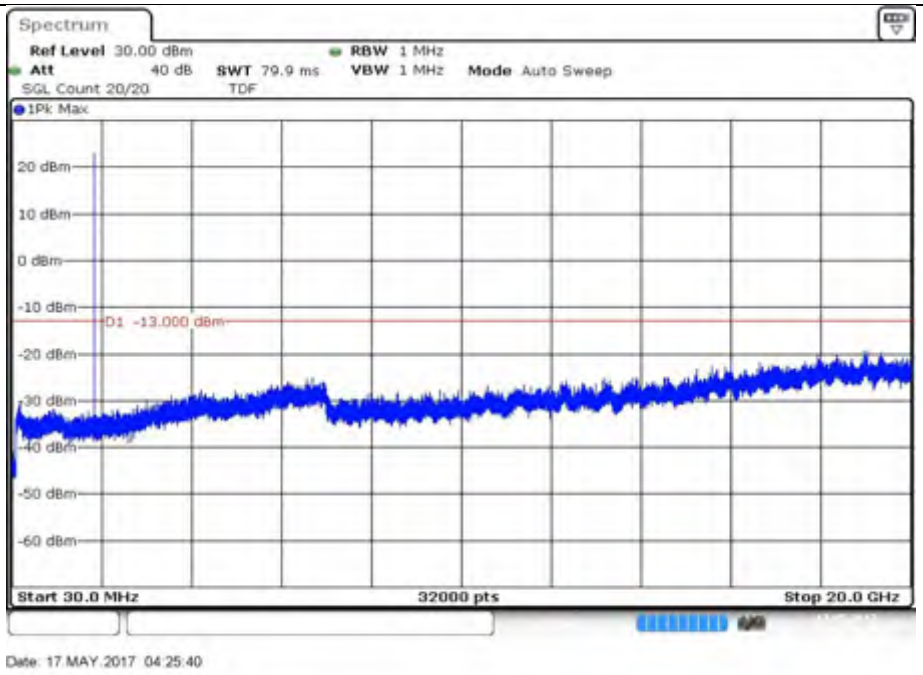


Fig.7

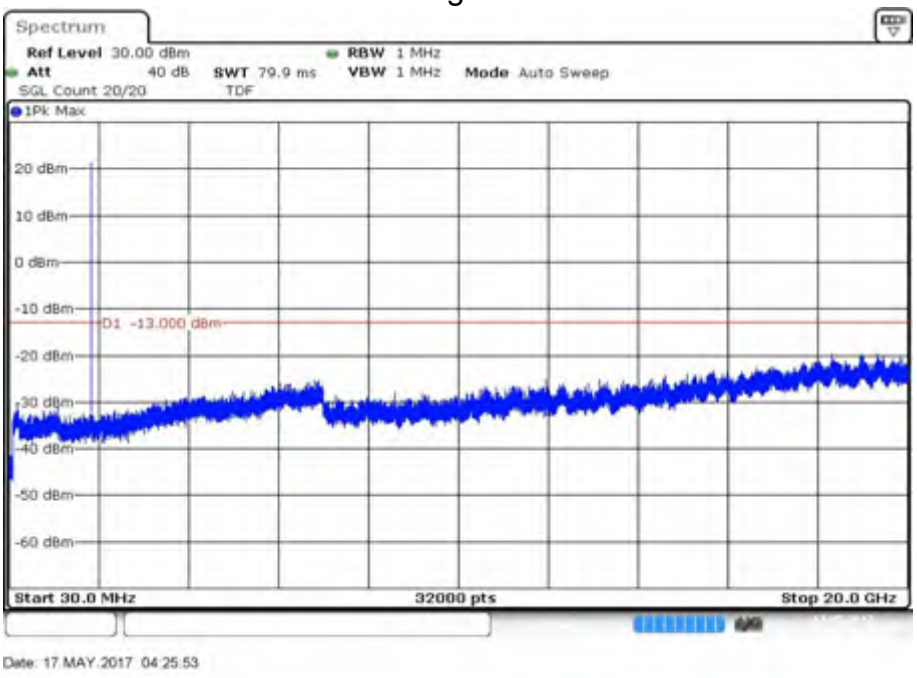


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1880	18900	3	1	0	Fig.1	Fig.5
				1	14	Fig.2	Fig.6
				8	4	Fig.3	Fig.7
				15	0	Fig.4	Fig.8

Copyright © SRTC

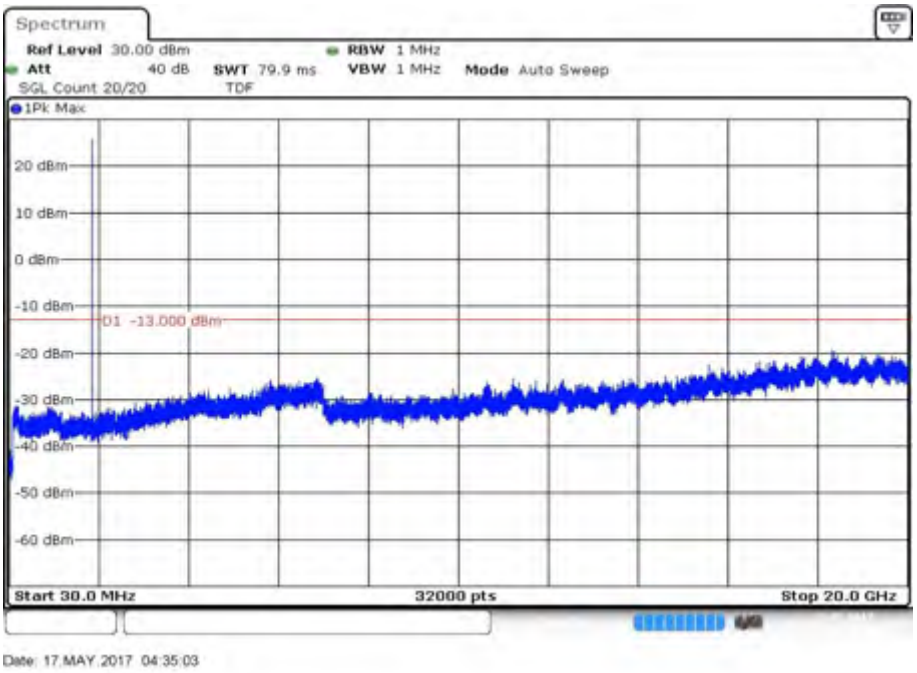


Fig.1

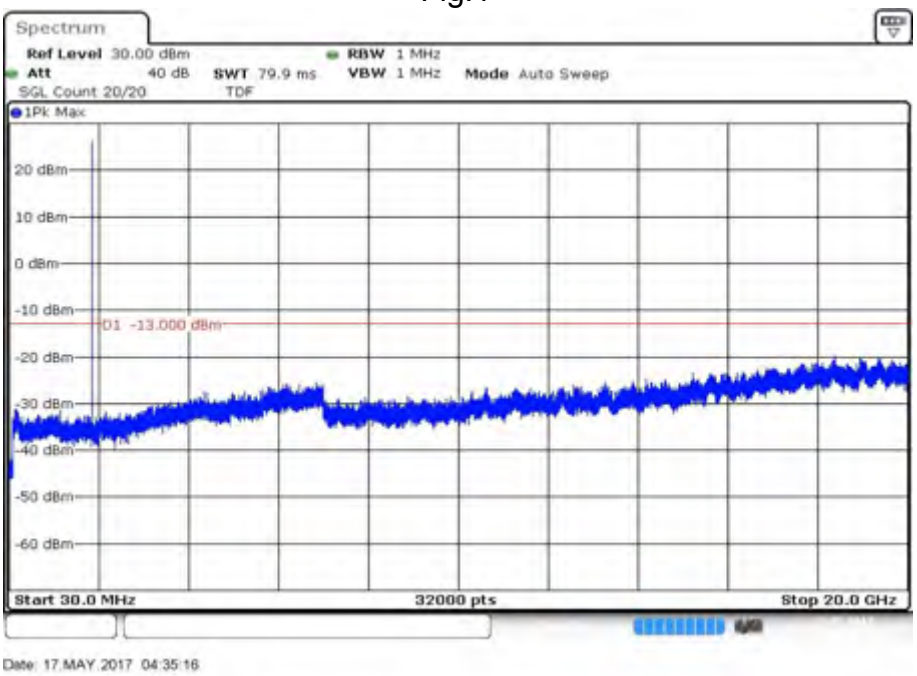


Fig.2

Copyright © SRTC

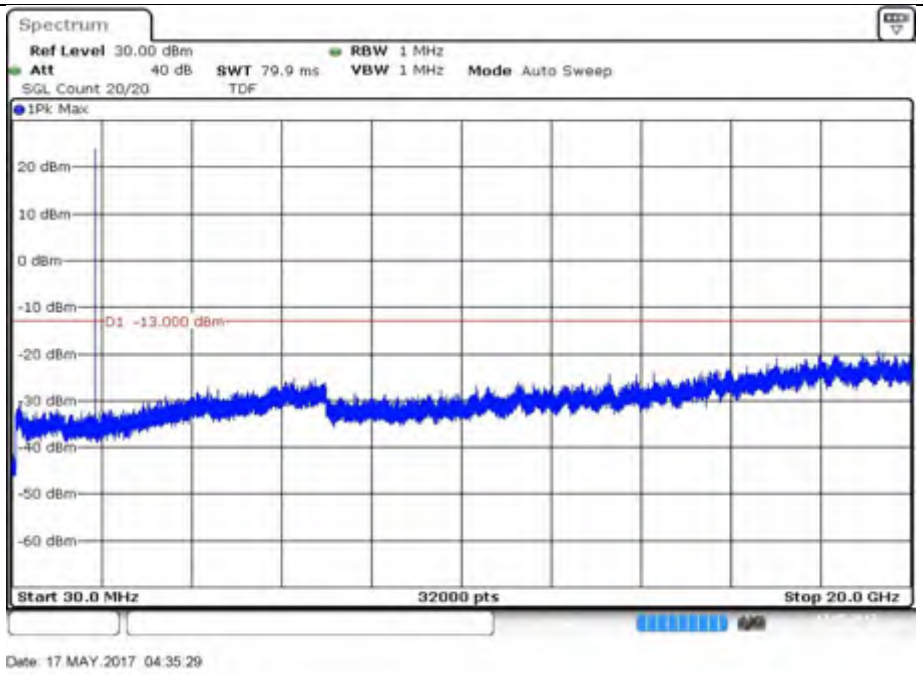


Fig.3

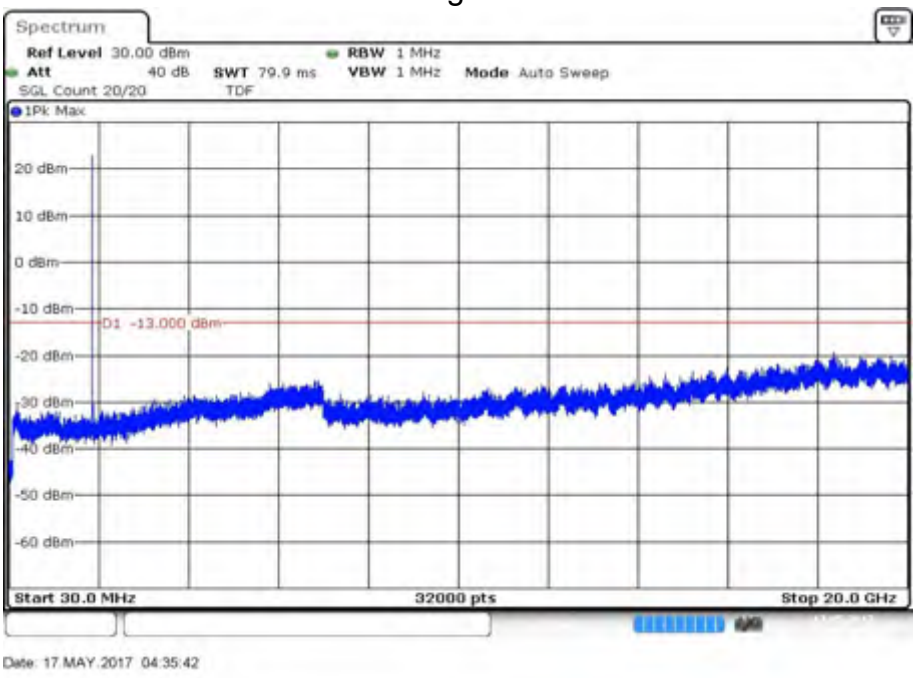


Fig.4

Copyright © SRTC

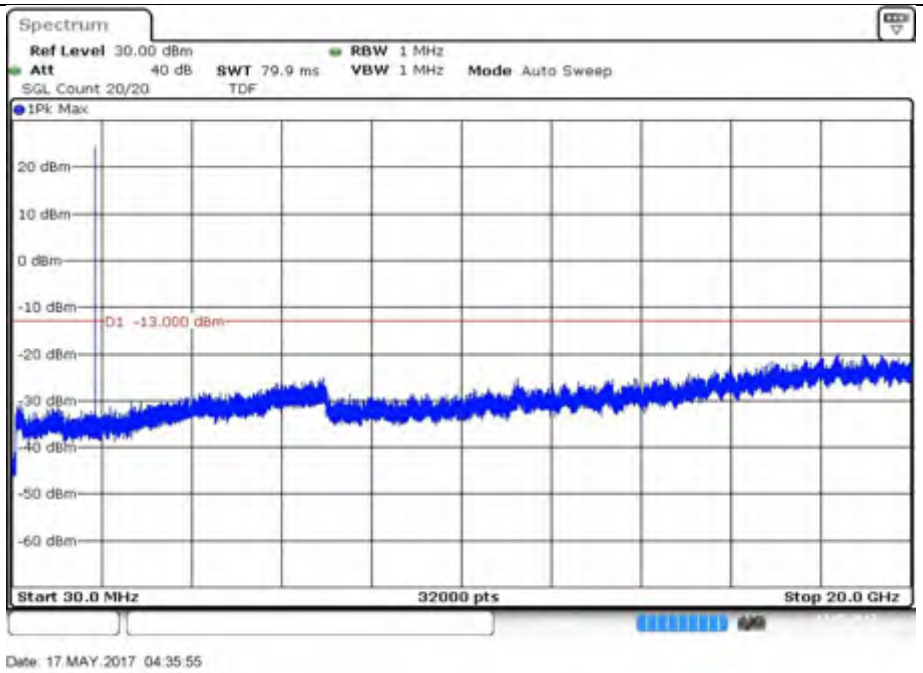


Fig.5

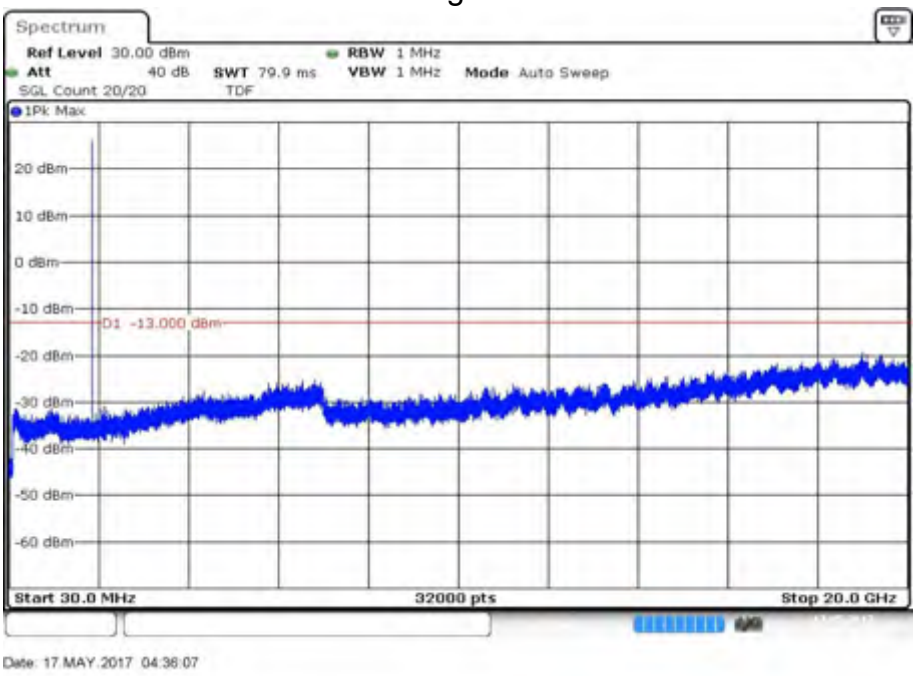


Fig.6

Copyright © SRTC

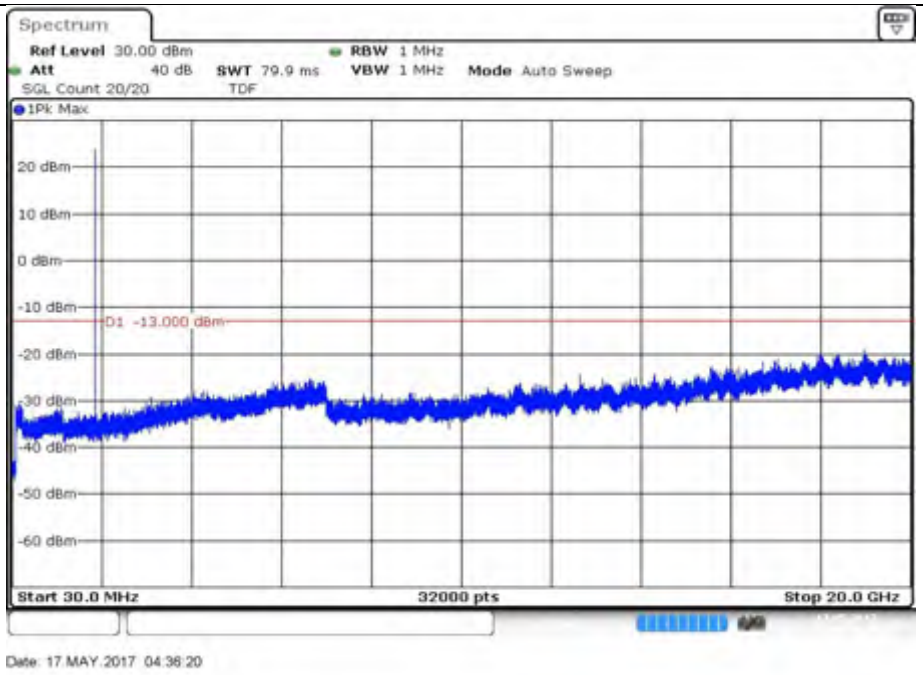


Fig.7

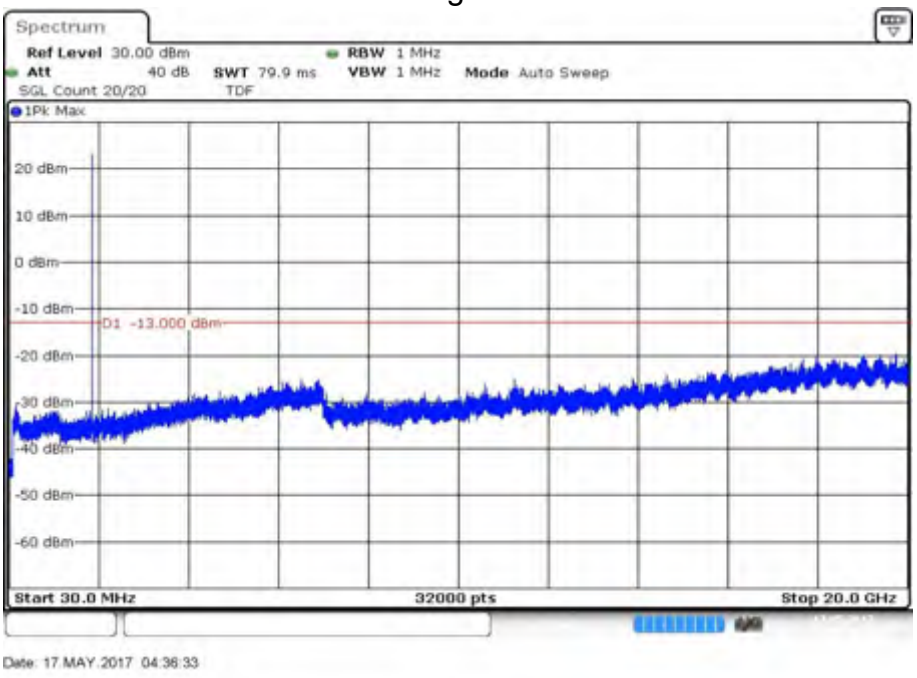


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1908.5	19185	3	1	0	Fig.1	Fig.5
				1	14	Fig.2	Fig.6
				8	4	Fig.3	Fig.7
				15	0	Fig.4	Fig.8

Copyright © SRTC

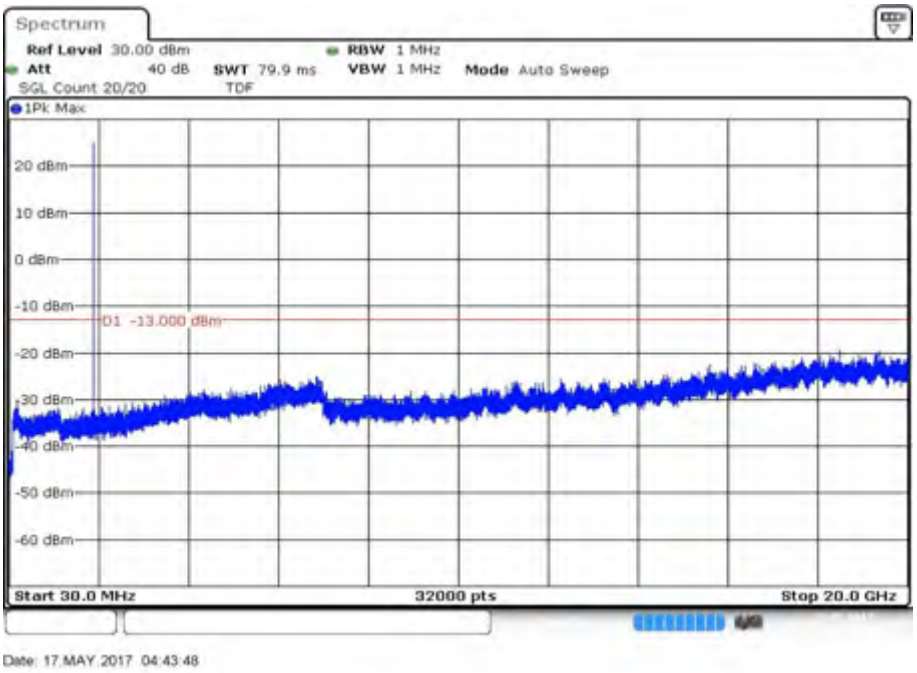


Fig.1

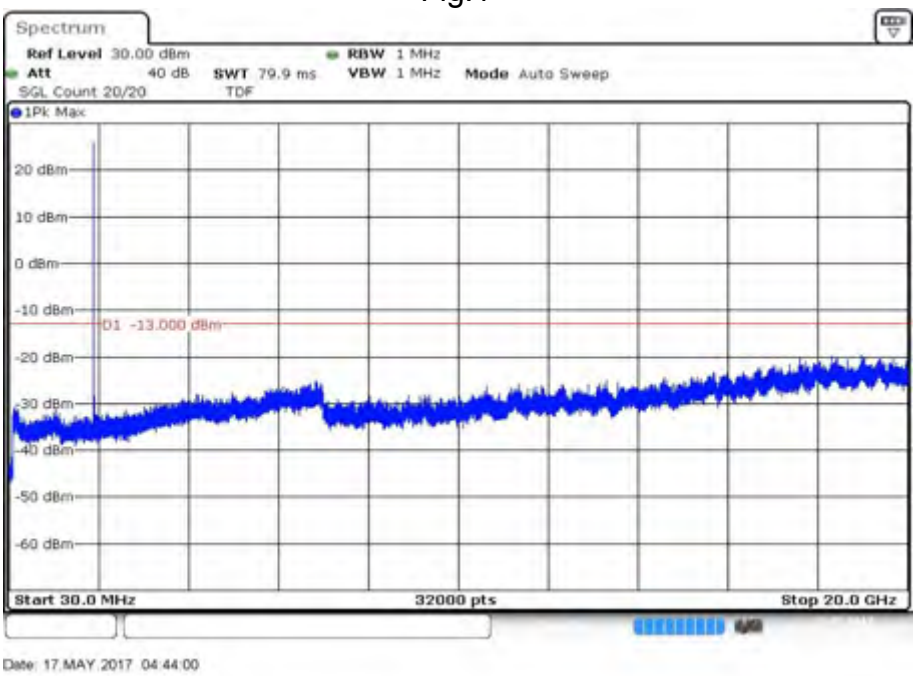


Fig.2

Copyright © SRTC

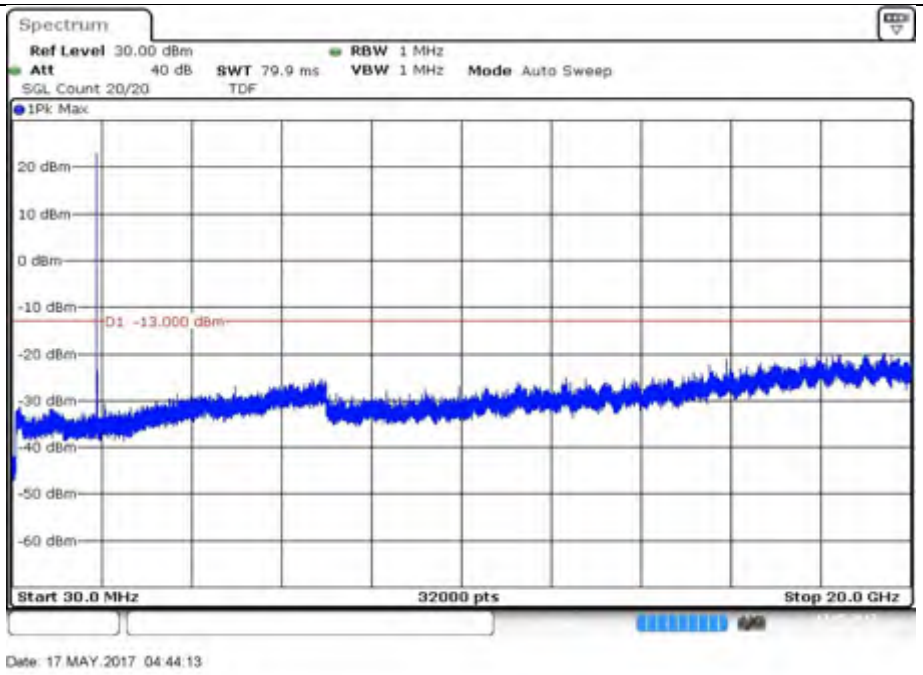


Fig.3

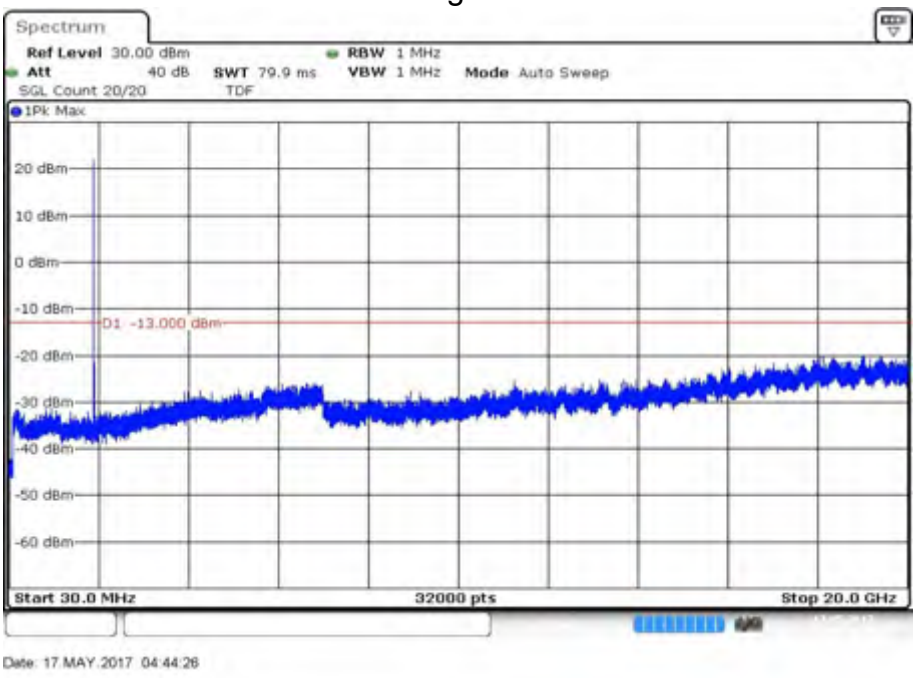


Fig.4

Copyright © SRTC

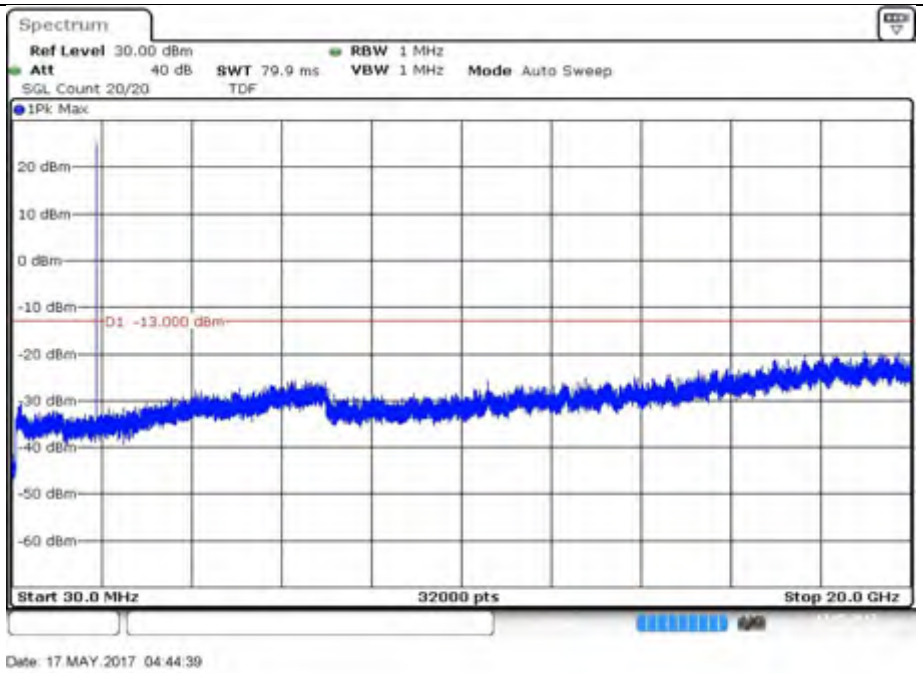


Fig.5

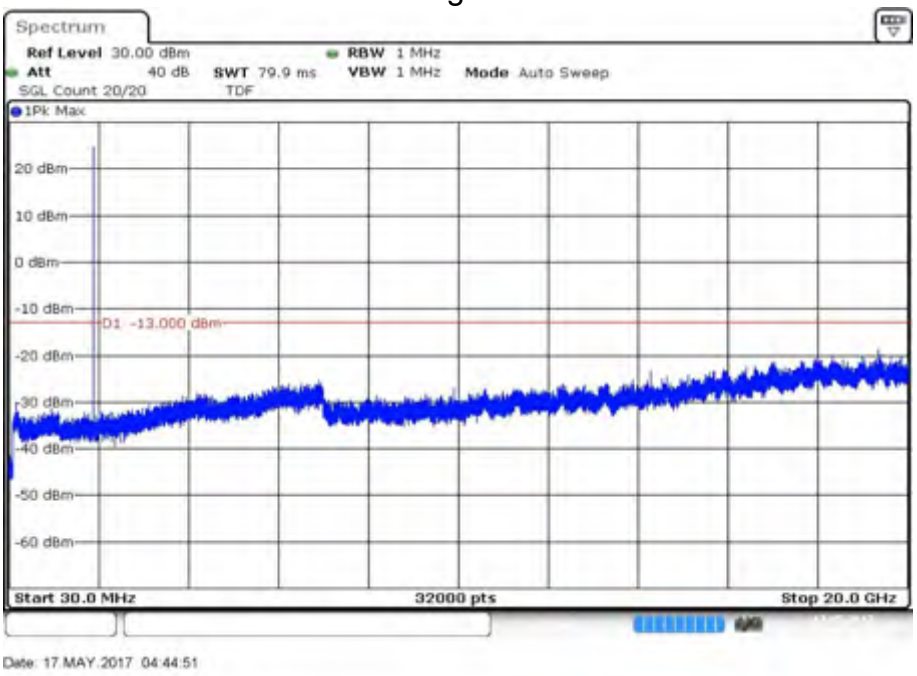


Fig.6

Copyright © SRTC

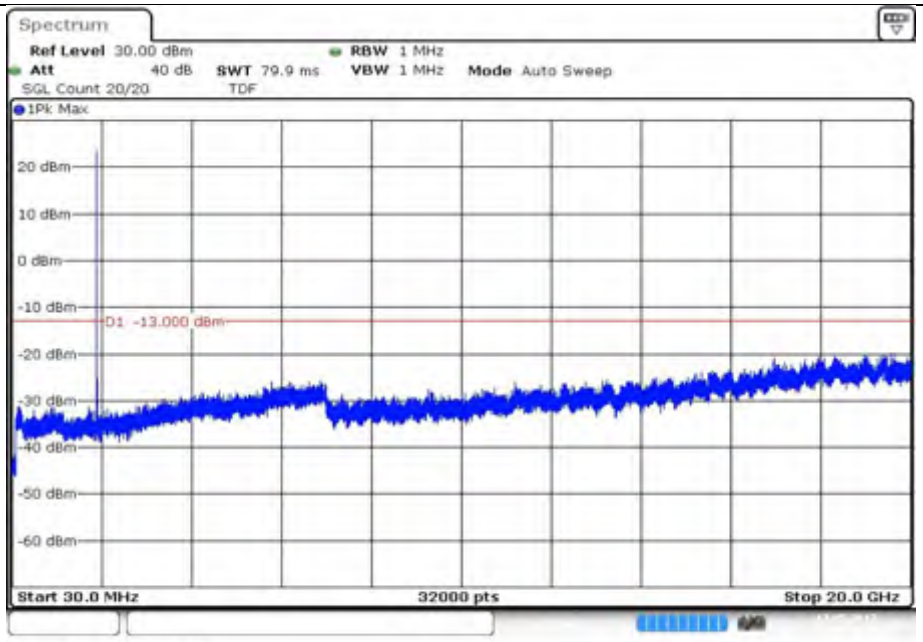


Fig.7

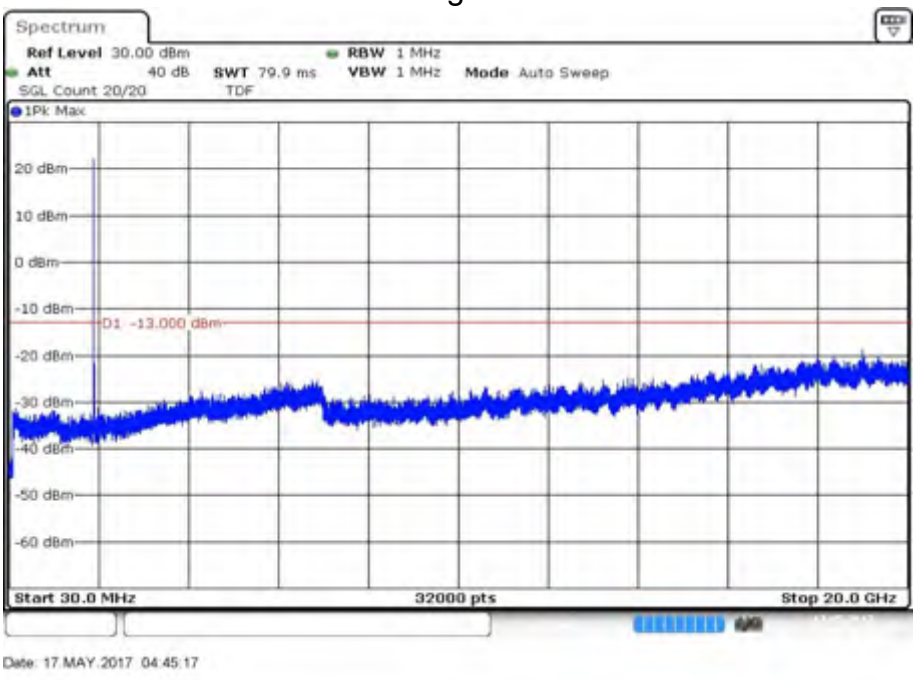


Fig.8

Band	Carrier frequency (MHz)	Channel (Low)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1852.5	18625	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

Copyright © SRTC

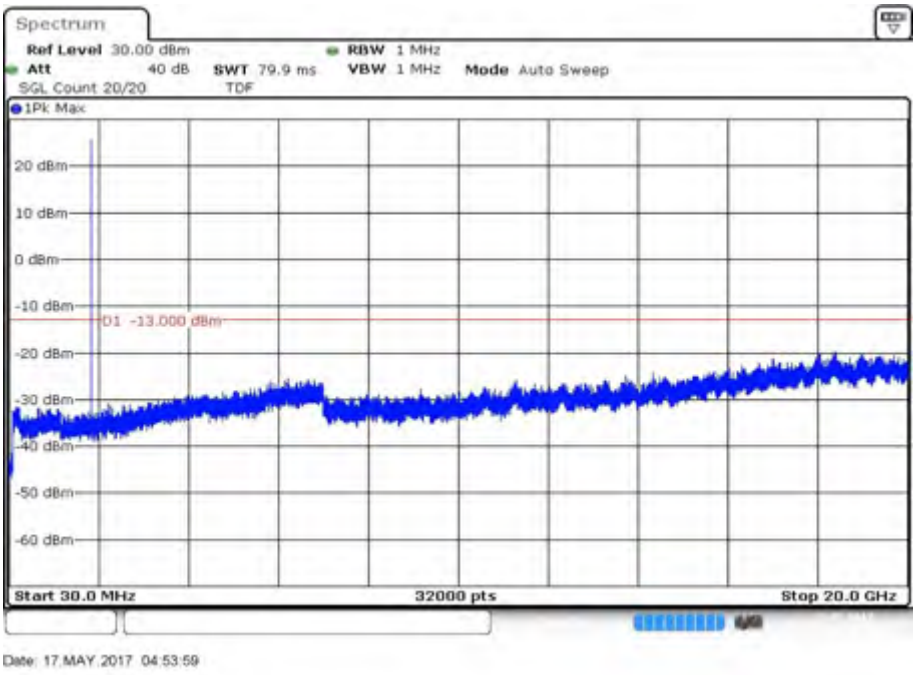


Fig.1

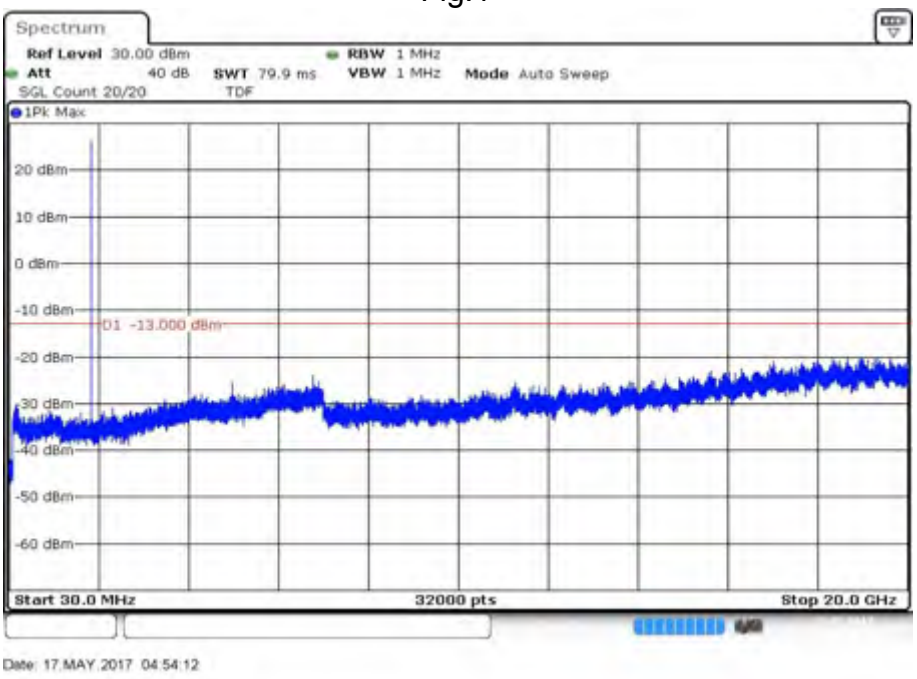


Fig.2

Copyright © SRTC

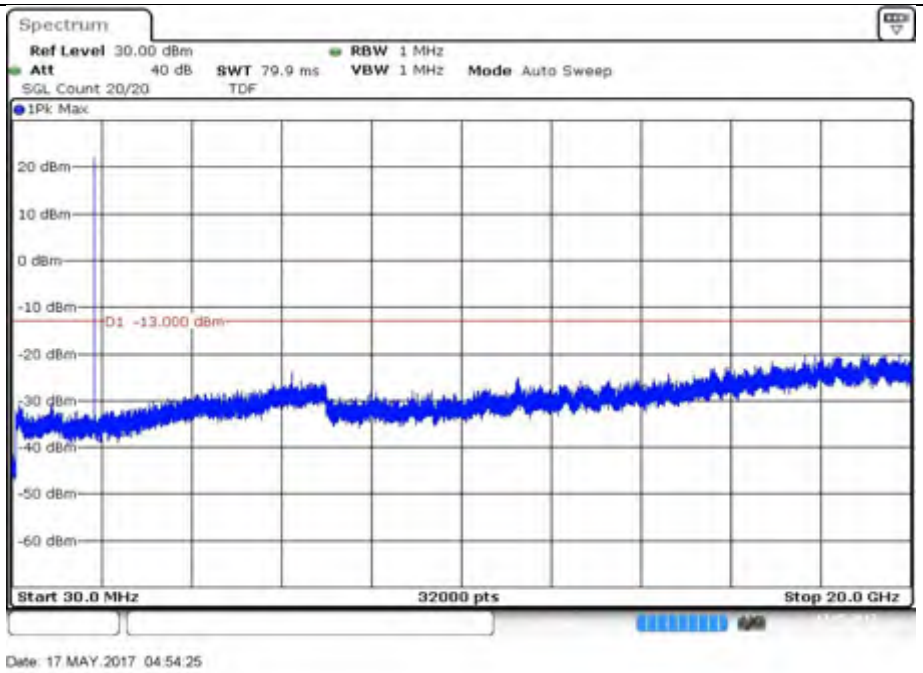


Fig.3

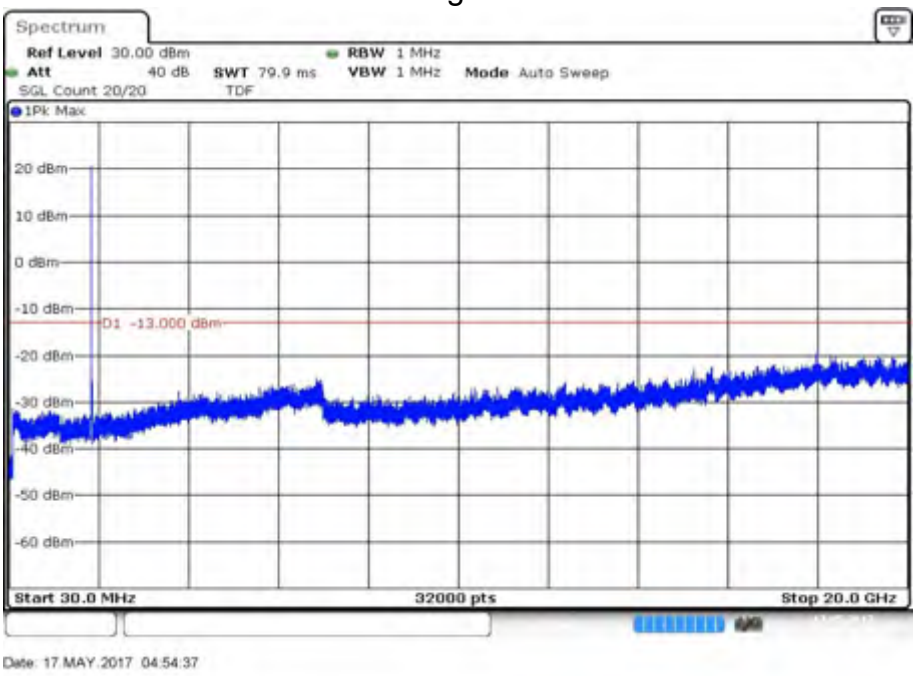


Fig.4

Copyright © SRTC

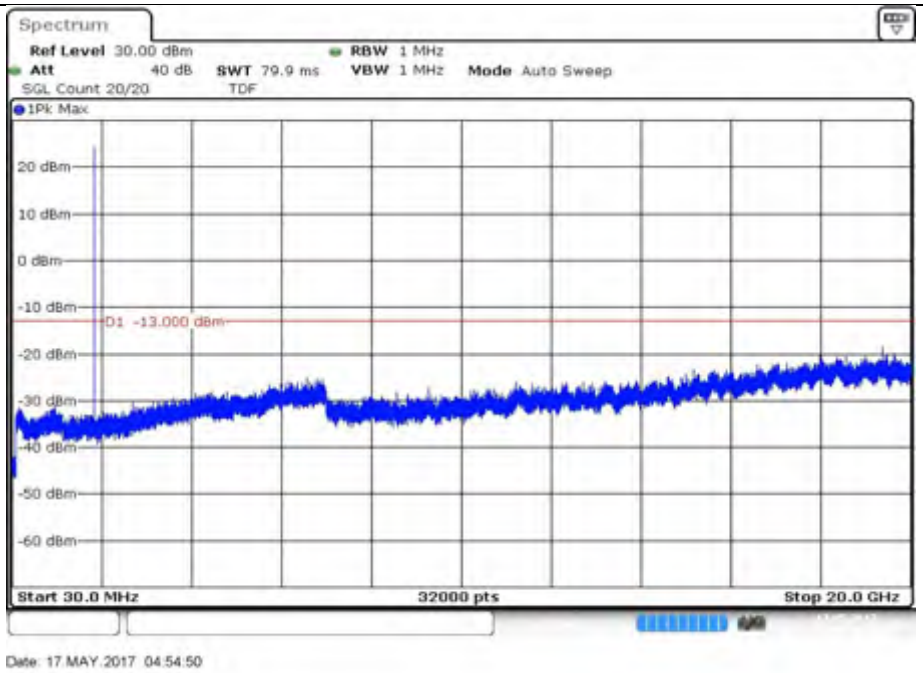


Fig.5

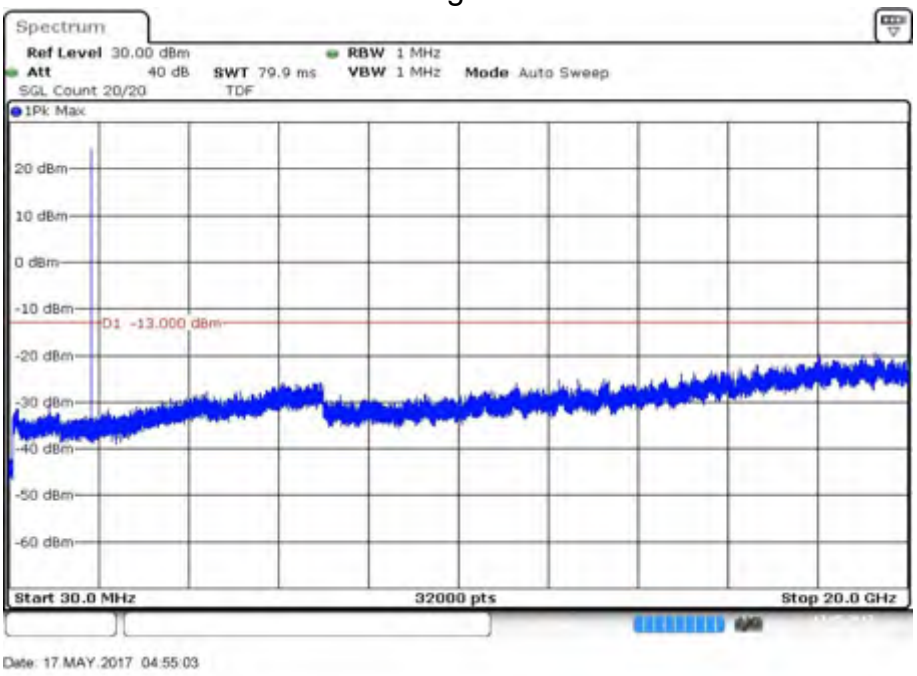


Fig.6

Copyright © SRTC

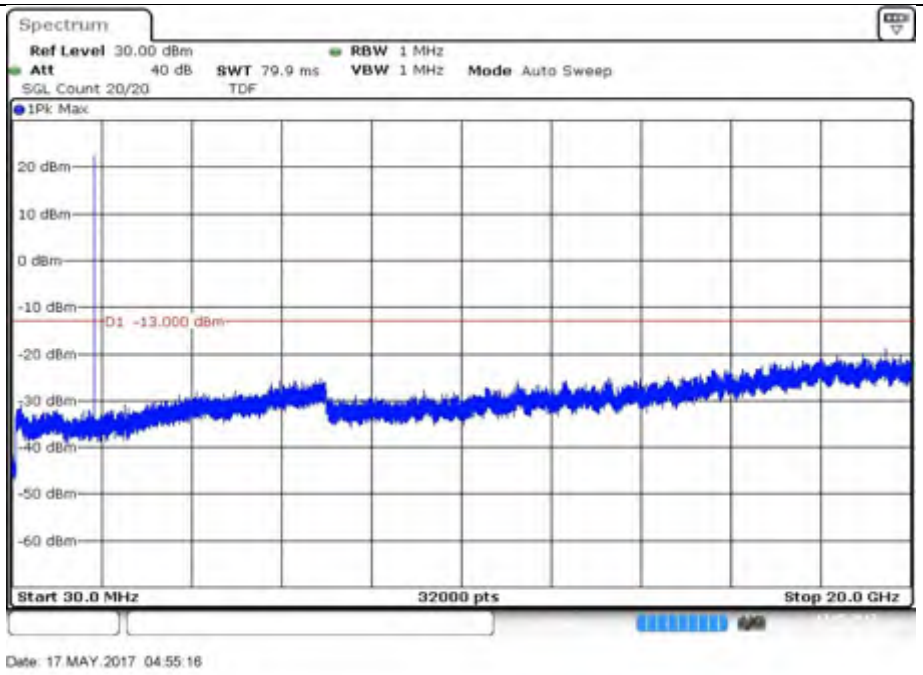


Fig.7

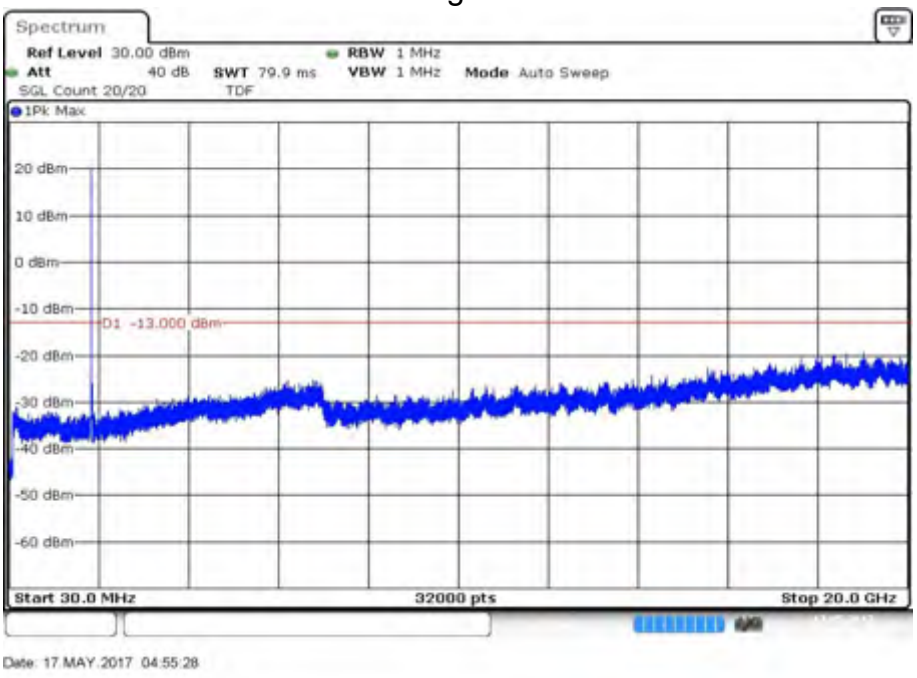


Fig.8

Band	Carrier frequency (MHz)	Channel (Mid)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1880	18900	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

Copyright © SRTC

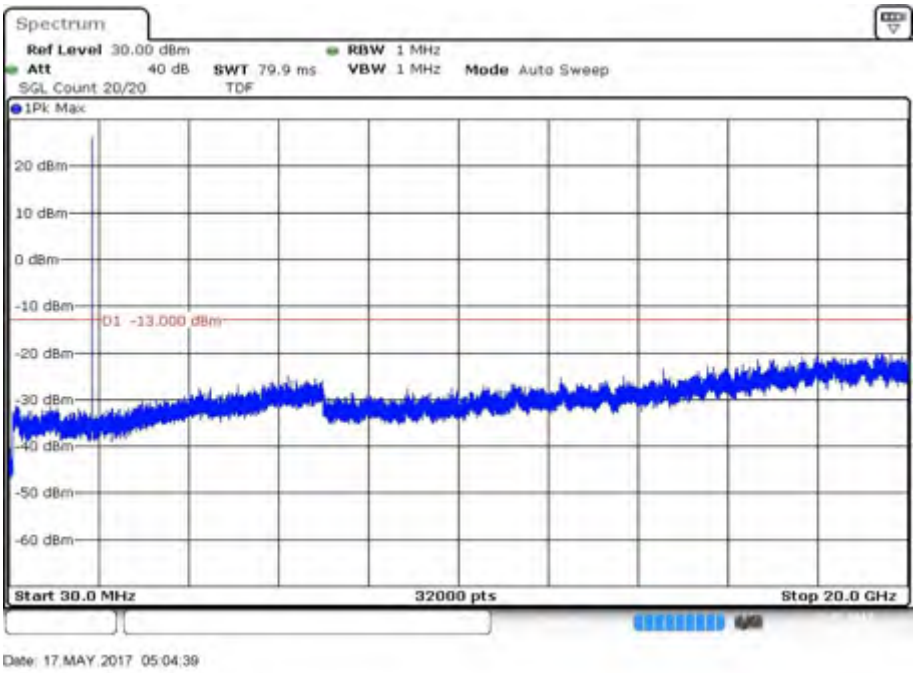


Fig.1

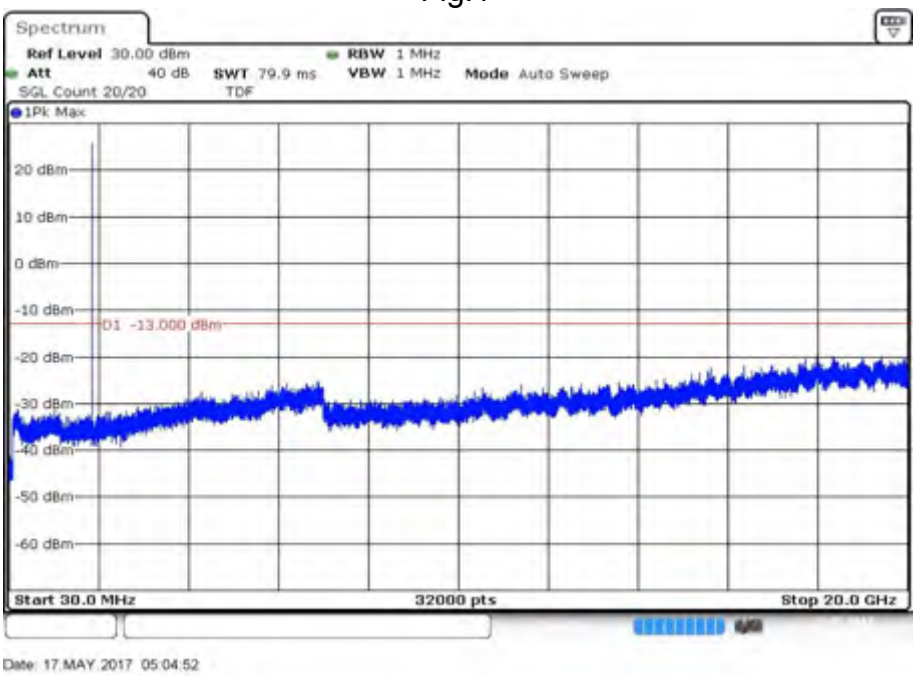


Fig.2

Copyright © SRTC

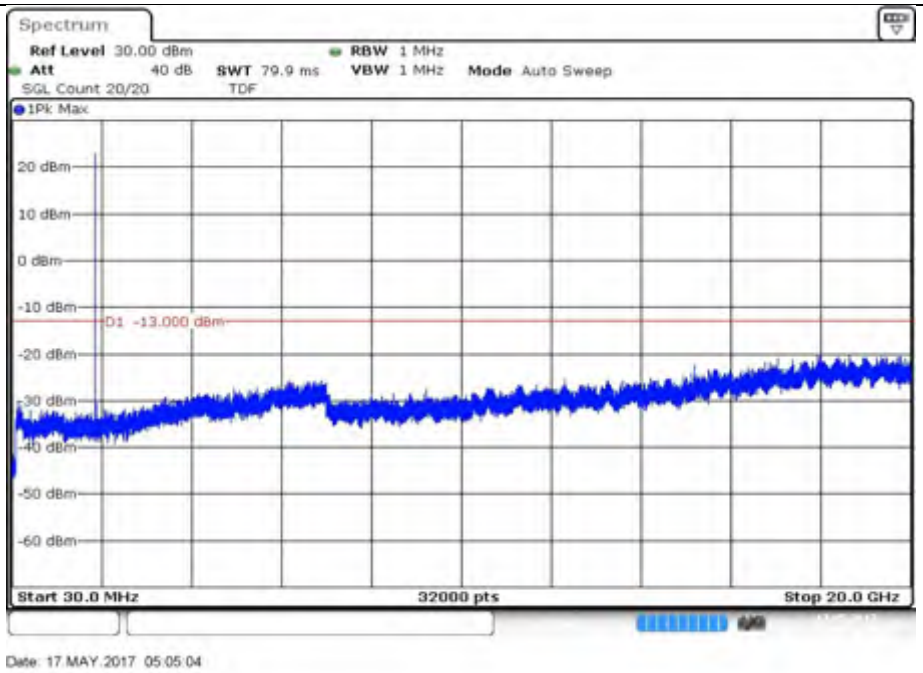


Fig.3

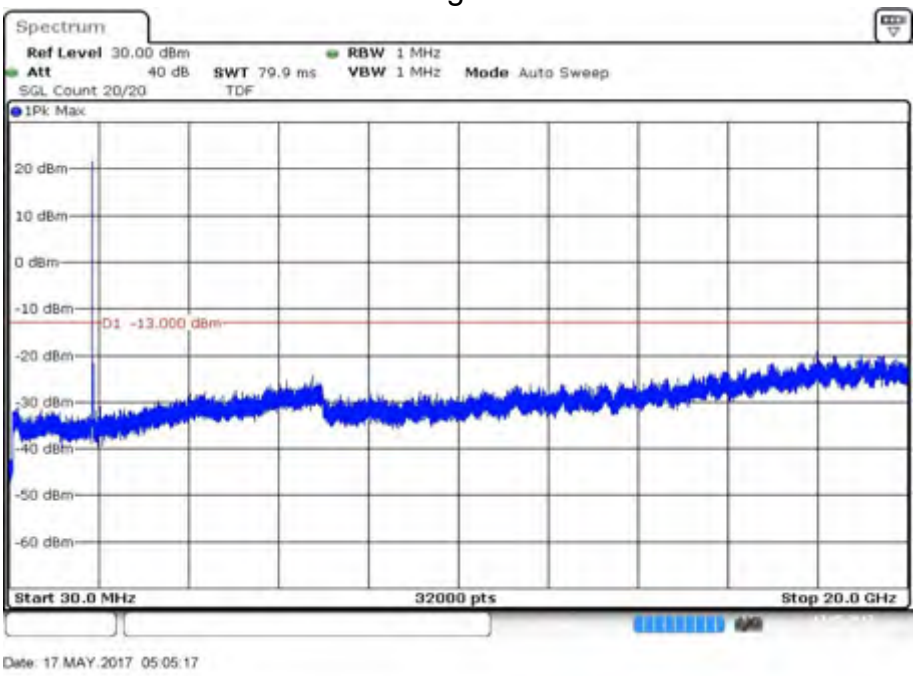


Fig.4

Copyright © SRTC

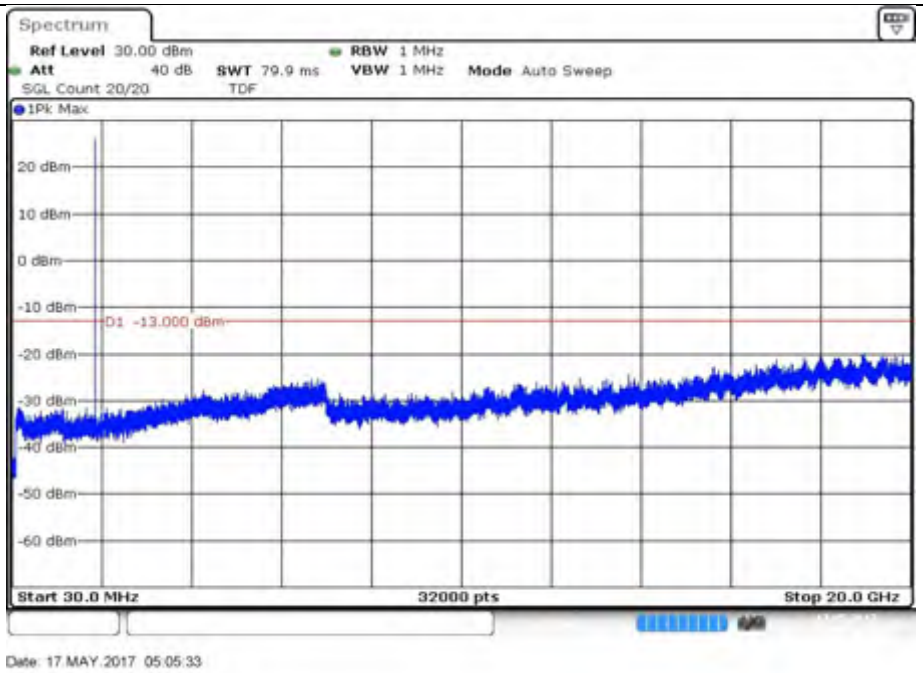


Fig.5

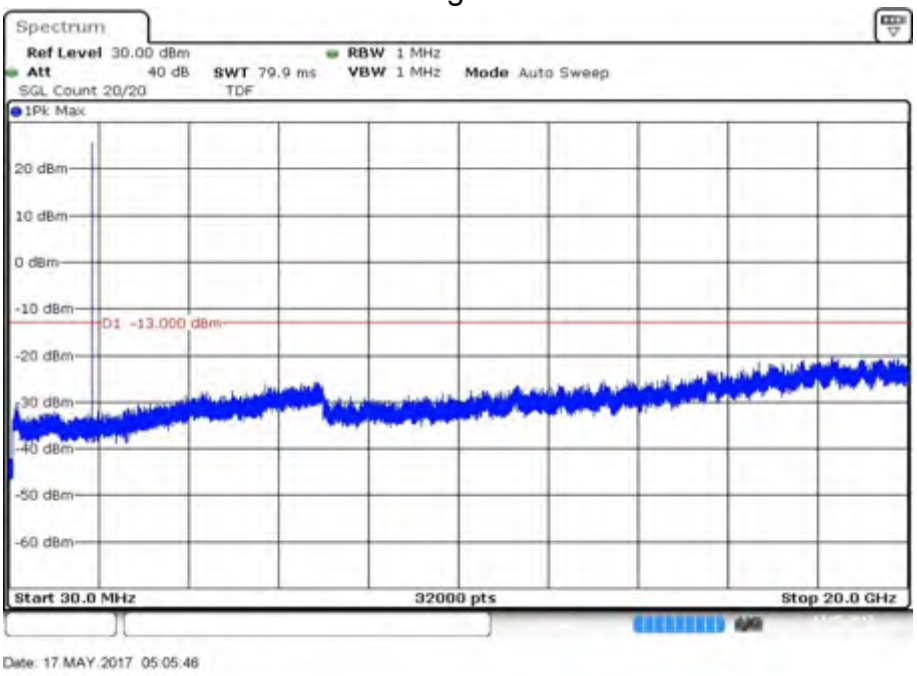


Fig.6

Copyright © SRTC

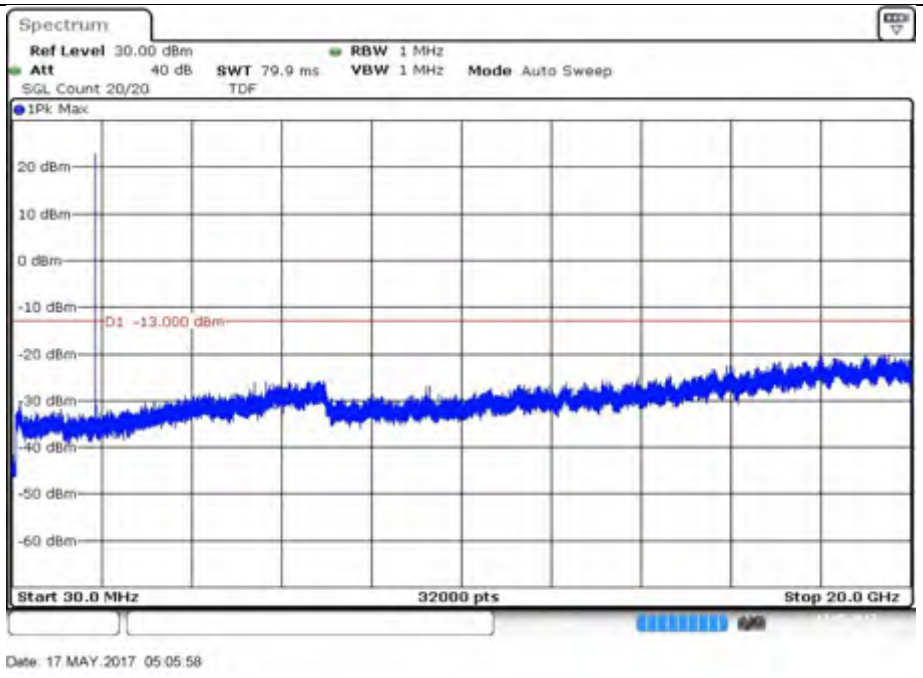


Fig.7

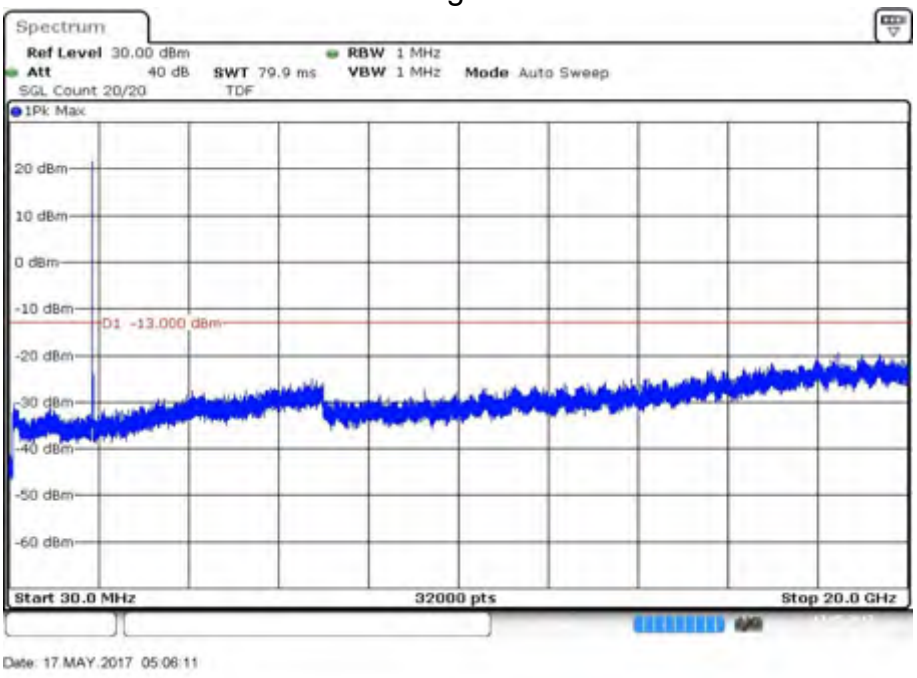


Fig.8

Band	Carrier frequency (MHz)	Channel (High)	BW	RB Size	RB Offset	Conducted Spurious Plot	
						QPSK	16-QAM
2	1907.5	19175	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

Copyright © SRTC

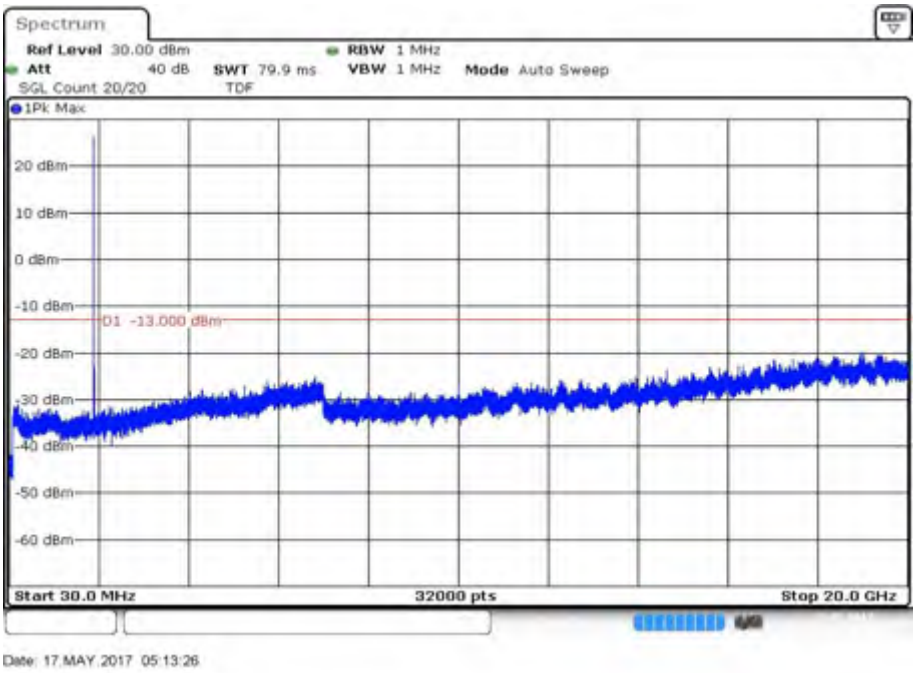


Fig.1

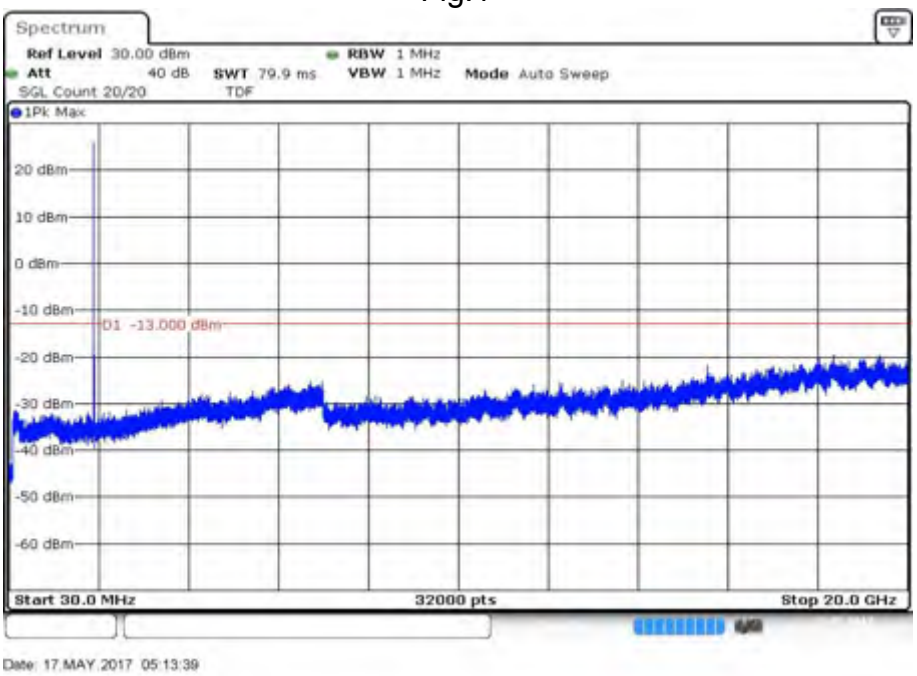


Fig.2

Copyright © SRTC

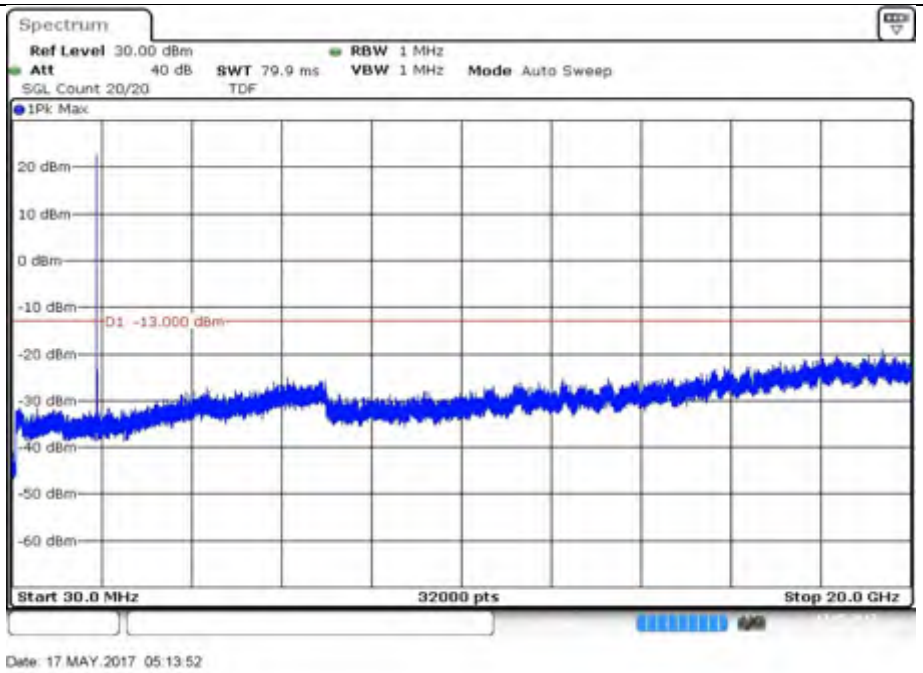


Fig.3

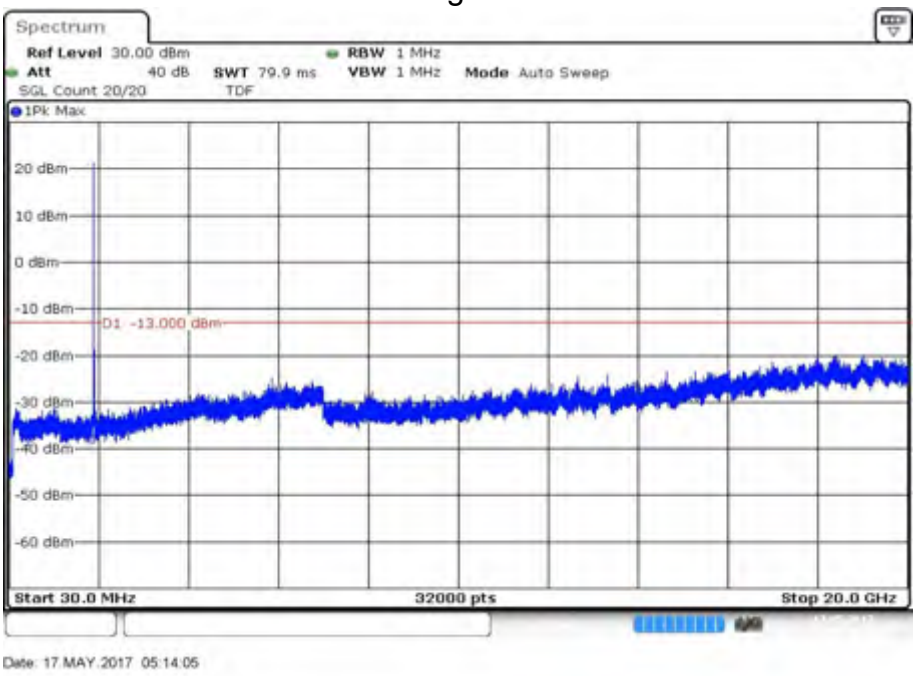


Fig.4

Copyright © SRTC

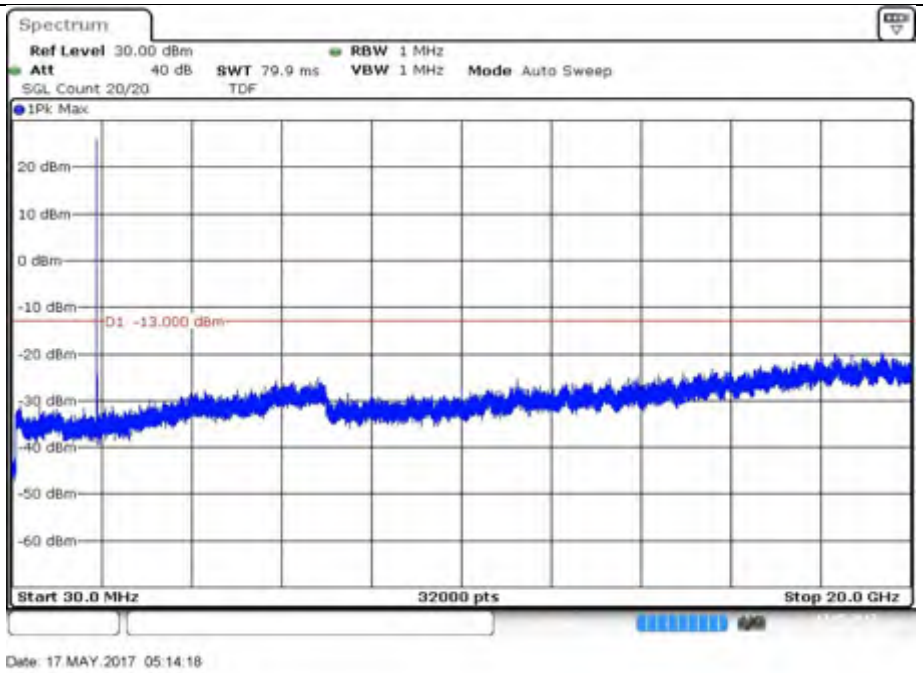


Fig.5

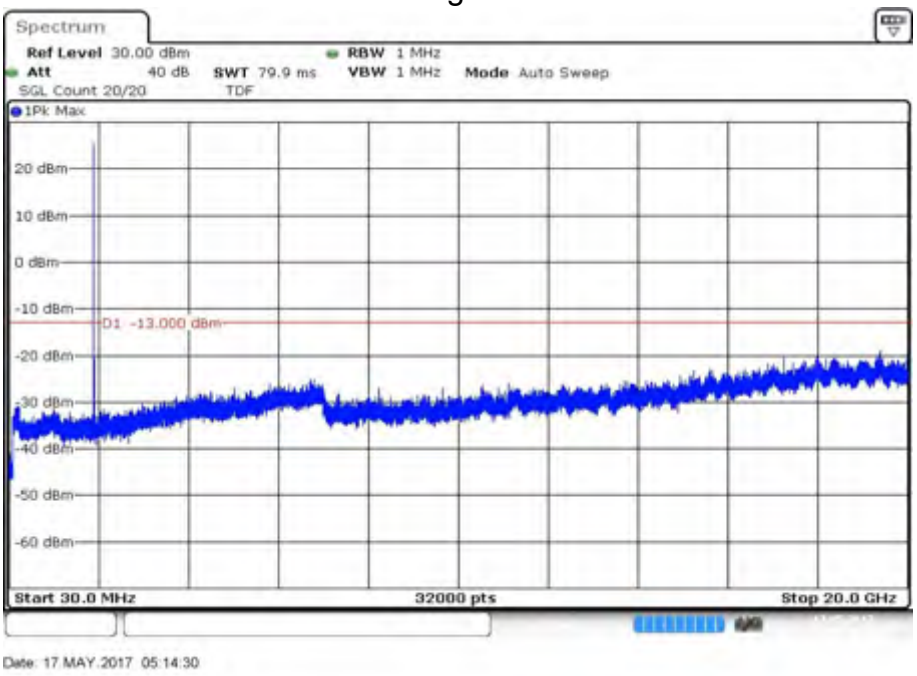


Fig.6

Copyright © SRTC