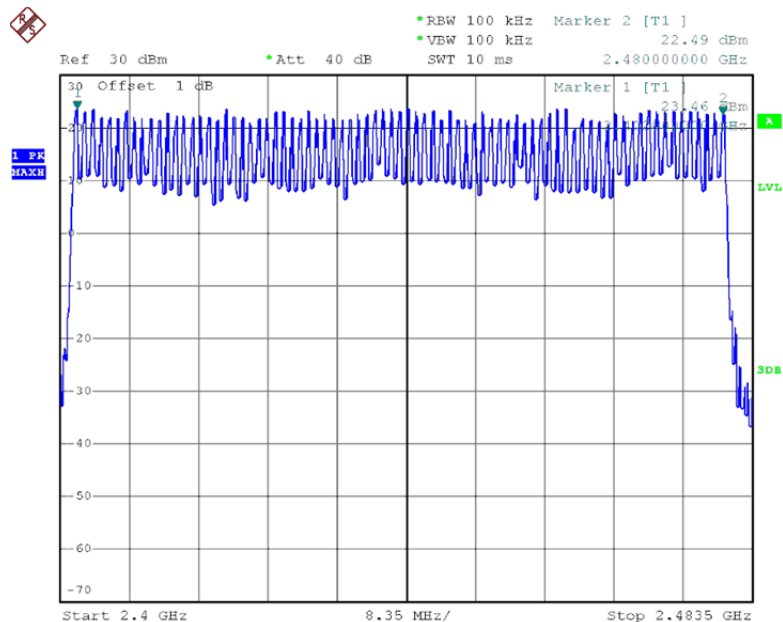


Chip Antenna

Test Mode	Hopping Mode
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Number of Hopping Channel 79



Date: 10.MAR.2015 18:40:23

ATTACHMENT F - AVERAGE TIME OF OCCUPANCY

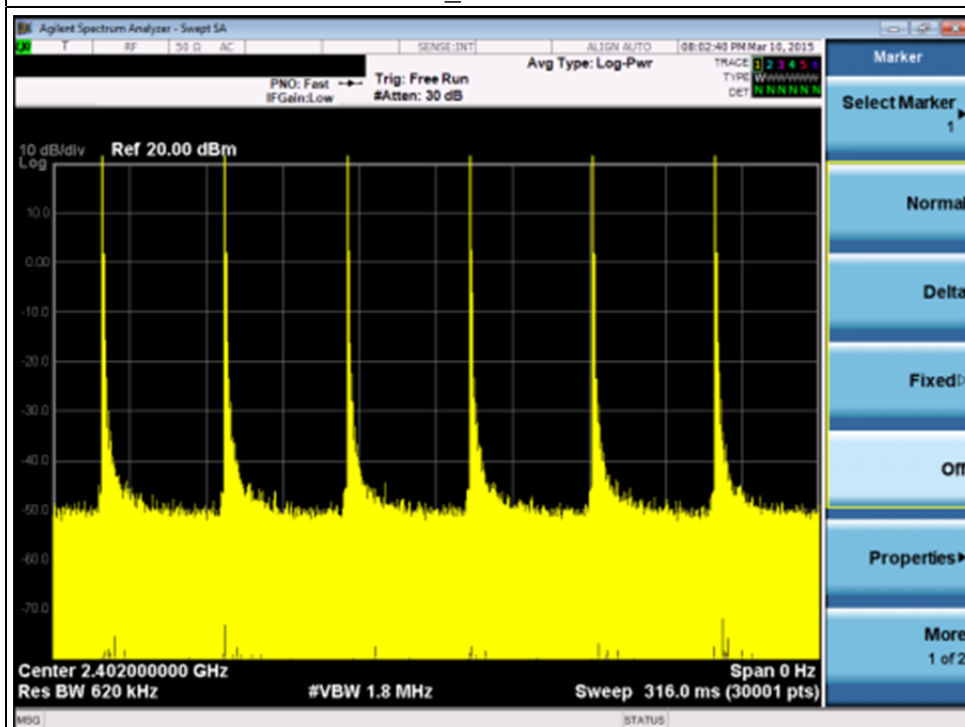
Dipole Antenna

Test Mode: Hopping Mode			
Number of transmission in a 31.6(79Hopping*0.4)	Length of transmission time (msec)	Result (msec)	Limit (msec)
$(6/0.316) * 31.6 = 600$ times Note1	0.3945	236.7	400

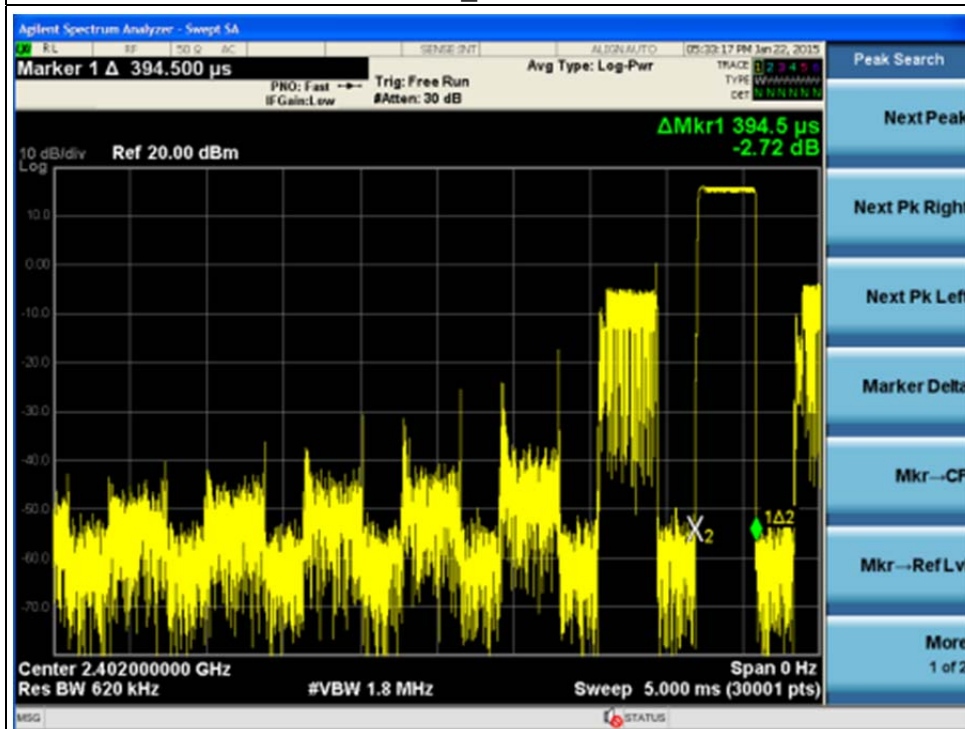
Note1: 6 times of occupied channels per 0.316 seconds

	Results
Measured cycle (sec)	$79 \text{ CH} * 0.4 = 31.6$
The total number of frequency-hopping 0.316 seconds	$((6/0.316) * 31.6) = 600$
The number of occupied channels 0.316 seconds	$600/31.6 = 18.987$ (number/sec)
occupied time for each channel(1)	0.3945 ms
The total number of channels occupied within one cycle (2)	$((6/0.316) * 31.6) = 600$ times
The average time of occupancy within one cycle(1)*(2)	236.7 msec
LIMIT (msec)	400msec

CH01_Dwell Time



CH01_ON Time



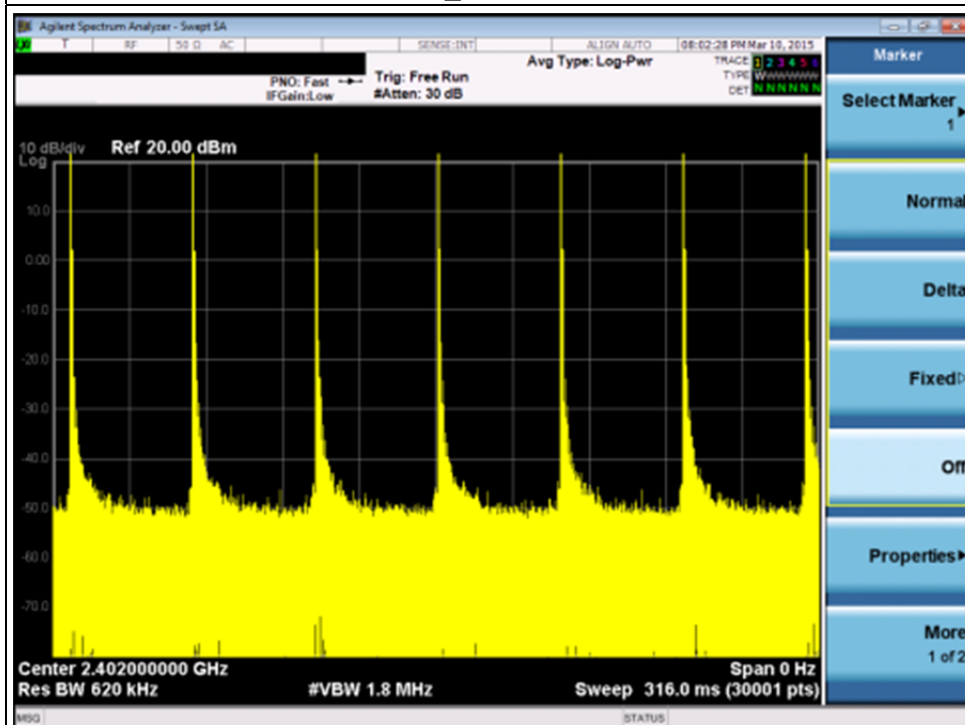
Chip Antenna

Test Mode: Hopping Mode			
Number of transmission in a 31.6(79Hopping*0.4)	Length of transmission time (msec)	Result (msec)	Limit (msec)
$(7/0.316) * 31.6 = 700$ times Note1	0.397	277.9	400

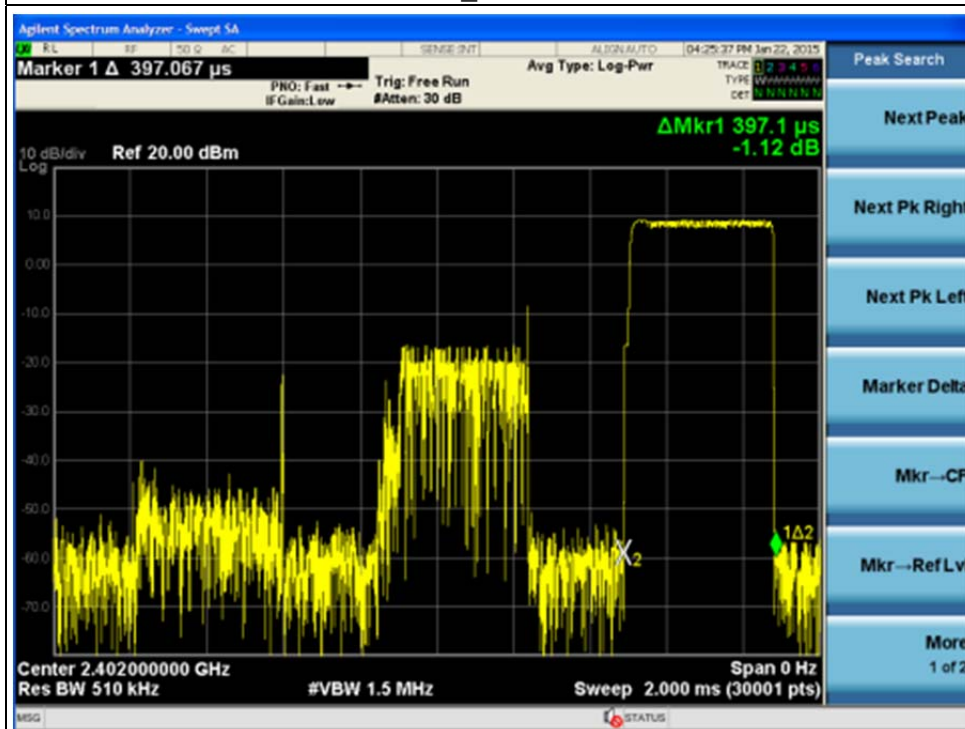
Note1: 7 times of occupied channels per 0.316 seconds

	Results
Measured cycle (sec)	$79 \text{ CH} * 0.4 = 31.6$
The total number of frequency-hopping 0.316 seconds	$((7/0.316) * 31.6) = 700$
The number of occupied channels 0.316 seconds	$700/31.6 = 22.15$ (number/sec)
occupied time for each channel(1)	0.397 ms
The total number of channels occupied within one cycle (2)	$((7/0.316) * 31.6) = 700$ times
The average time of occupancy within one cycle(1)*(2)	277.9 msec
LIMIT (msec)	400msec

CH01_Dwell Time



CH01_ON Time



ATTACHMENT G - HOPPING CHANNEL SEPARATION MEASUREMENT

Dipole Antenna

Test Mode: Hopping on _CH01/39/79

Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Test Result
2402	0.996	0.868	Complies
2440	0.996	0.868	Complies
2480	1.035	0.880	Complies

CH01



CH39



CH79

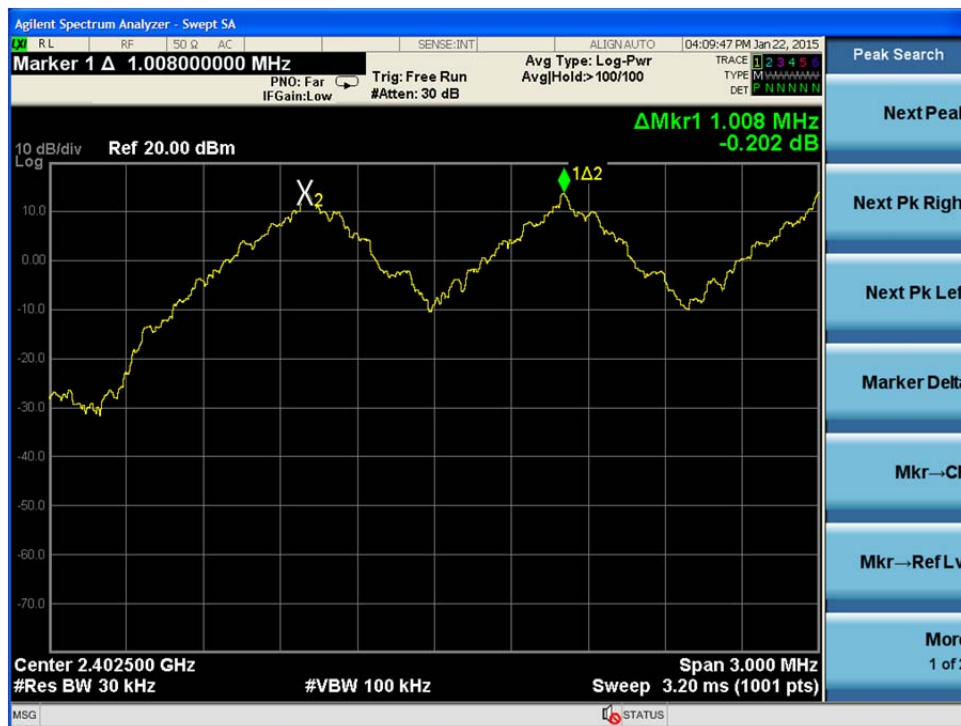


Chip Antenna

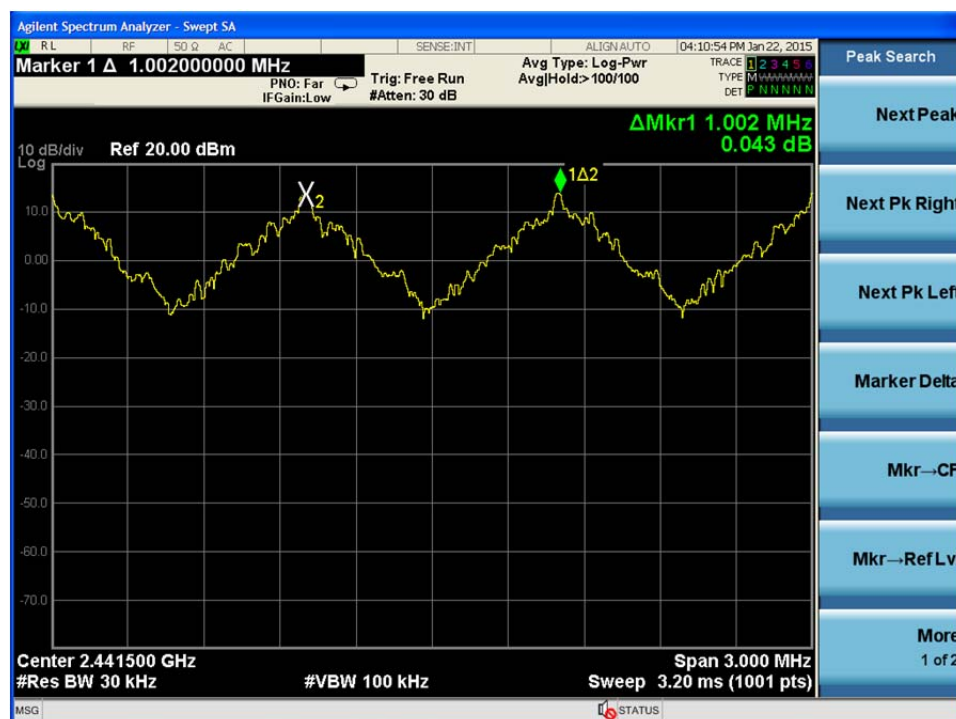
Test Mode: Hopping on _CH01/39/79

Frequency (MHz)	Channel Separation (MHz)	20dB Bandwidth (MHz)	Test Result
2402	1.008	0.888	Complies
2440	1.002	0.858	Complies
2480	0.978	0.860	Complies

CH01



CH39



CH79



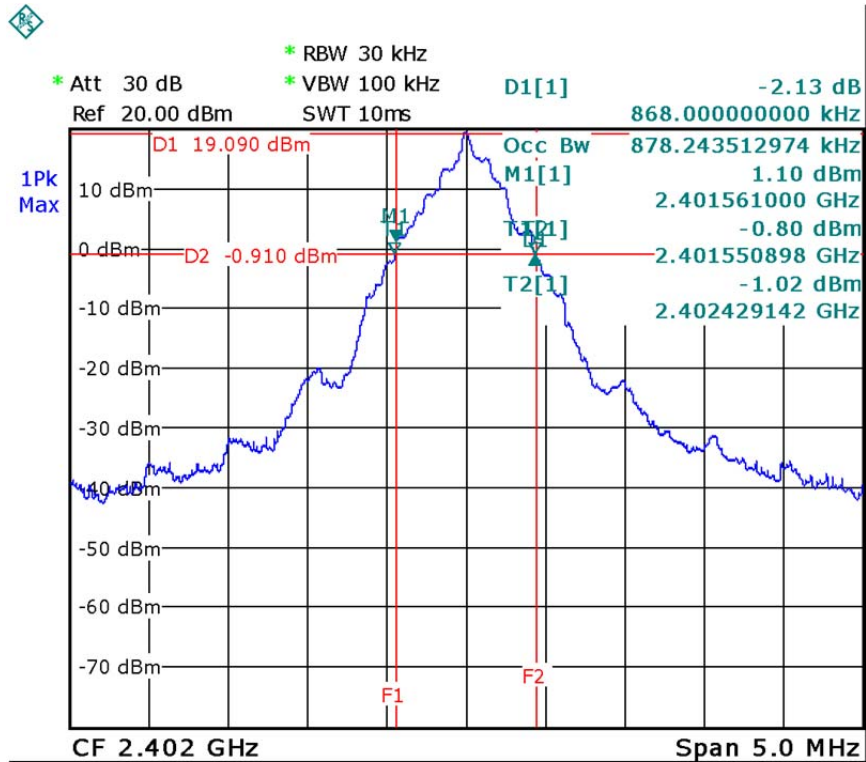
ATTACHMENT H - BANDWIDTH

Dipole Antenna

Test Mode: 1Mbps_CH01/39/79

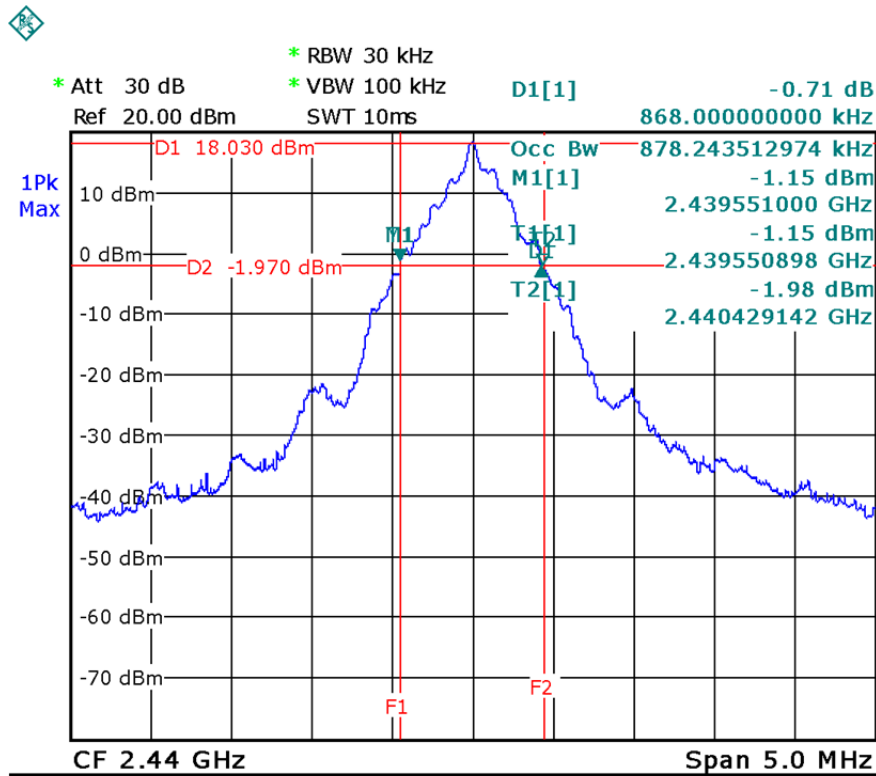
Frequency (MHz)	20dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.868	0.878	500	Complies
2440	0.868	0.878	500	Complies
2480	0.880	0.880	500	Complies

CH01



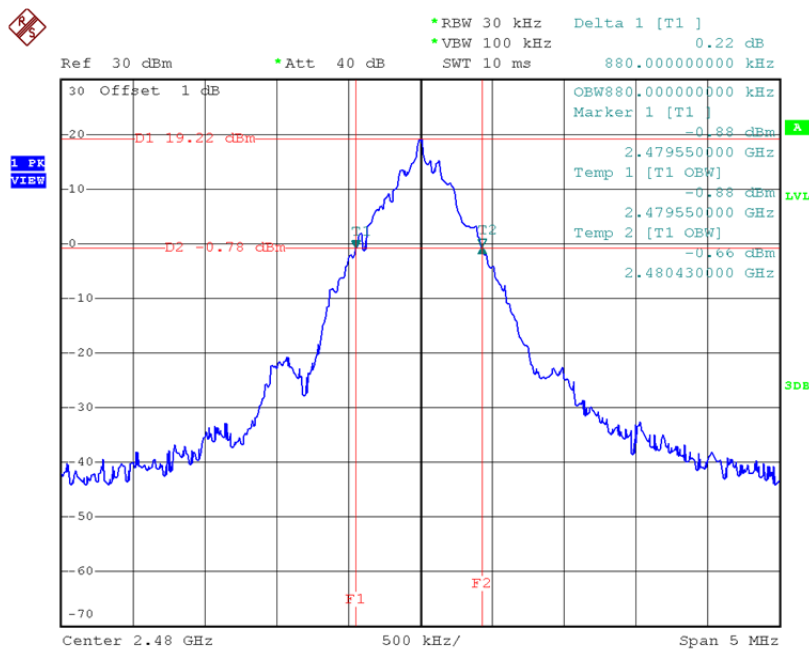
Date: 8.APR.2015 14:40:05

CH39



Date: 8.APR.2015 14:44:05

CH79



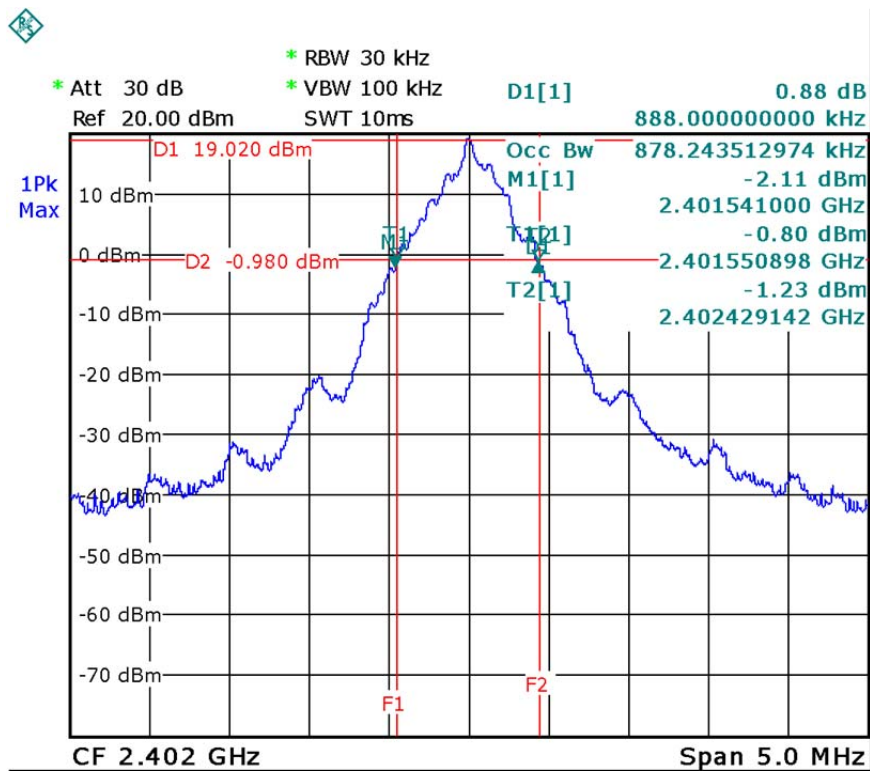
Date: 14.APR.2015 20:27:58

Chip Antenna

Test Mode: 1Mbps_CH01/39/79

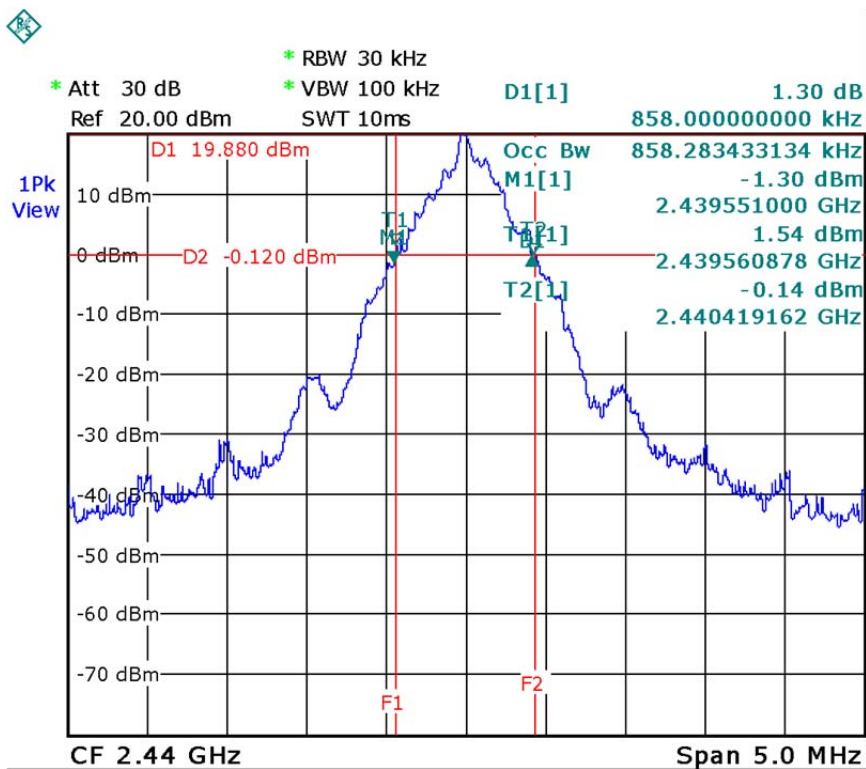
Frequency (MHz)	20dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.888	0.878	500	Complies
2440	0.858	0.858	500	Complies
2480	0.860	0.870	500	Complies

CH01



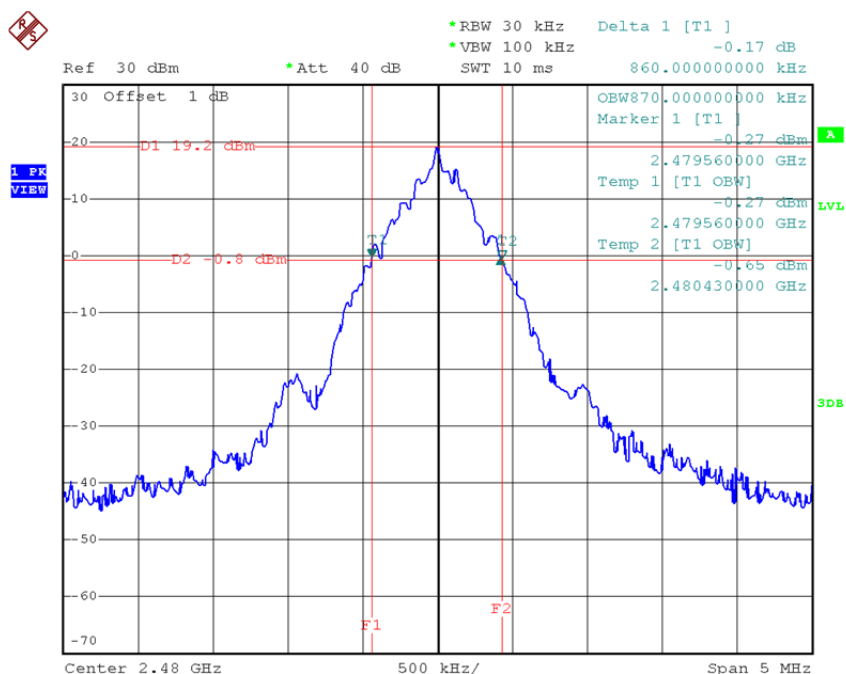
Date: 8.APR.2015 14:49:05

CH39



Date: 8.APR.2015 14:51:20

CH79



Date: 14.APR.2015 20:27:17

ATTACHMENT I - PEAK OUTPUT POWER

Dipole Antenna

Test Mode: 1Mbps_CH01/39/79

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2402	23.53	0.2254	30.00	1.00	Complies
2440	23.16	0.2070	30.00	1.00	Complies
2480	20.18	0.1042	30.00	1.00	Complies

Chip Antenna

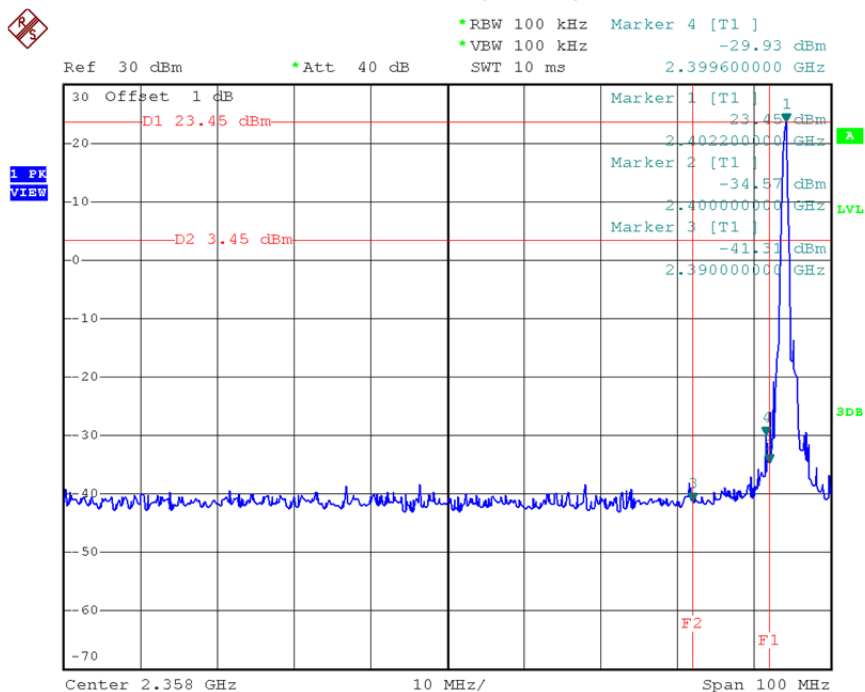
Test Mode: 1Mbps_CH01/39/79

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2402	23.50	0.2239	30.00	1.00	Complies
2440	23.35	0.2163	30.00	1.00	Complies
2480	20.41	0.1099	30.00	1.00	Complies

ATTACHMENT J - ANTENNA CONDUCTED SPURIOUS EMISSION

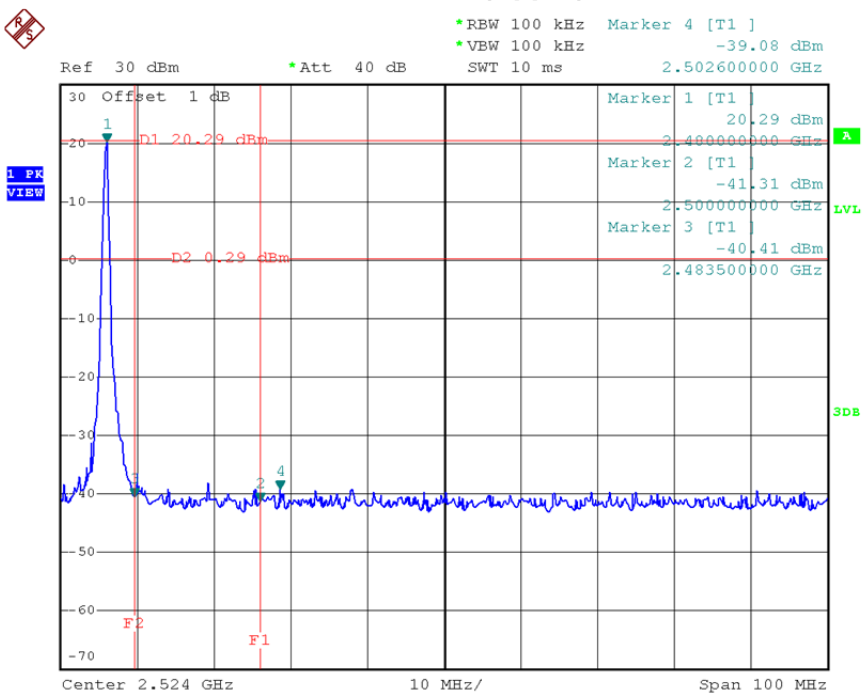
Dipole Antenna

CH01(Lower)



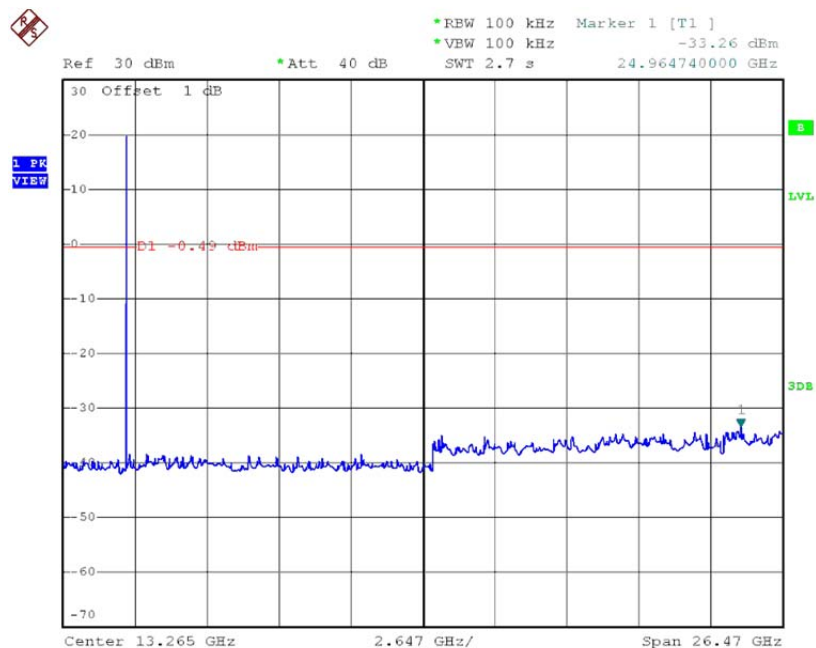
Date: 10.MAR.2015 18:43:19

CH79 (Upper)



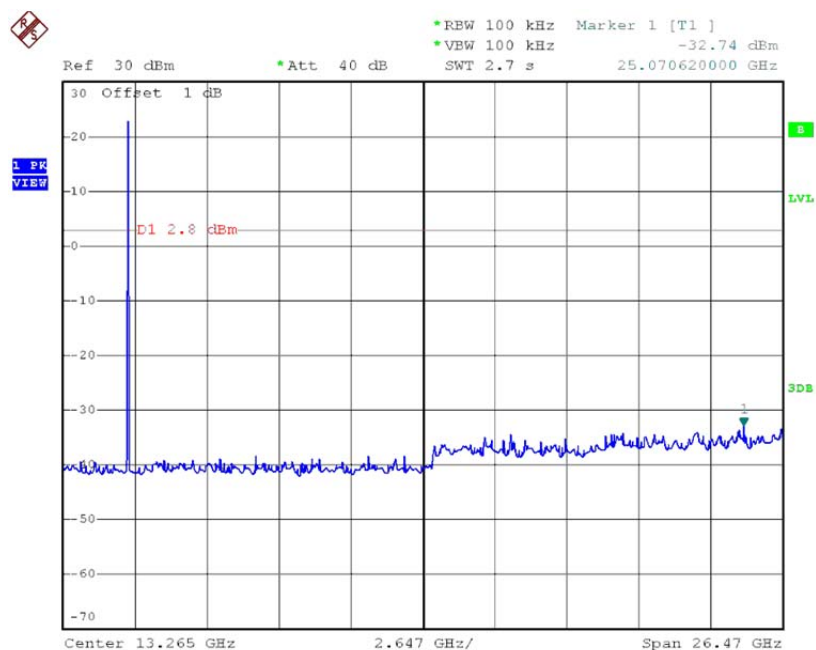
Date: 14.APR.2015 20:23:29

CH01 (1GHz~10th Harmonic)



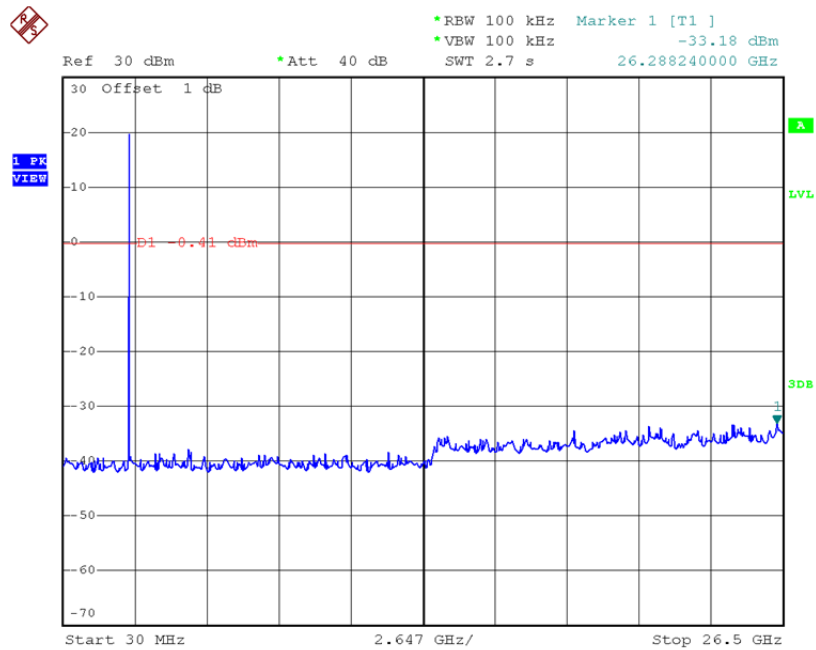
Date: 10.MAR.2015 18:42:25

CH39(1GHz~10th Harmonic)



Date: 10.MAR.2015 18:44:09

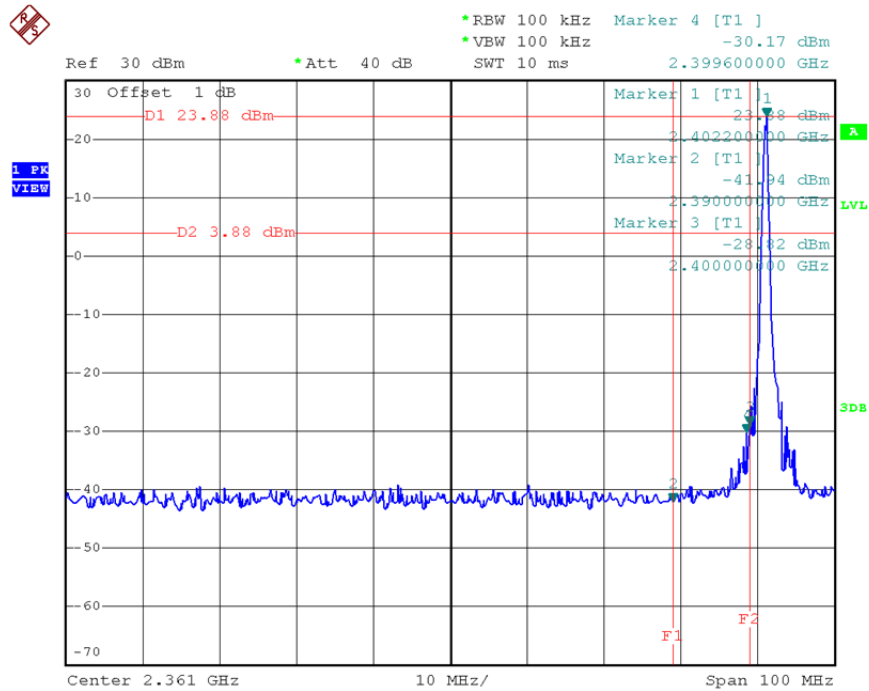
CH79 (1GHz~10th Harmonic)



Date: 14.APR.2015 20:25:16

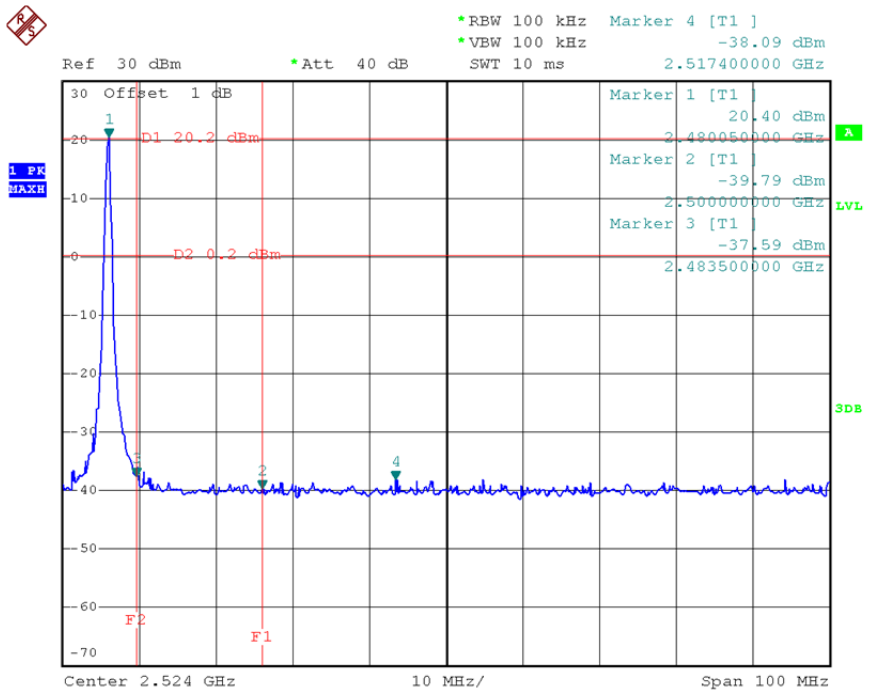
Chip Antenna

CH01(Lower)



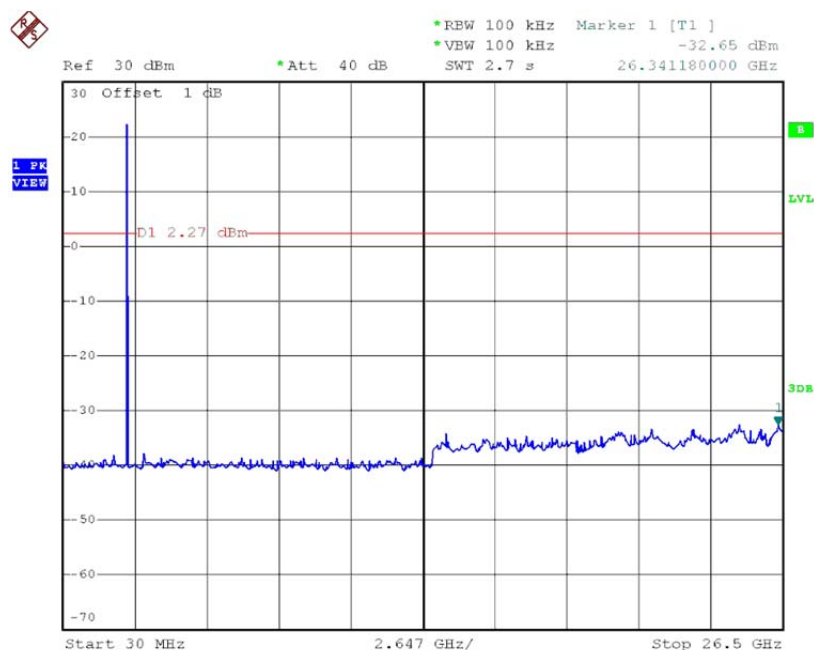
Date: 10.MAR.2015 18:25:29

CH79 (Upper)



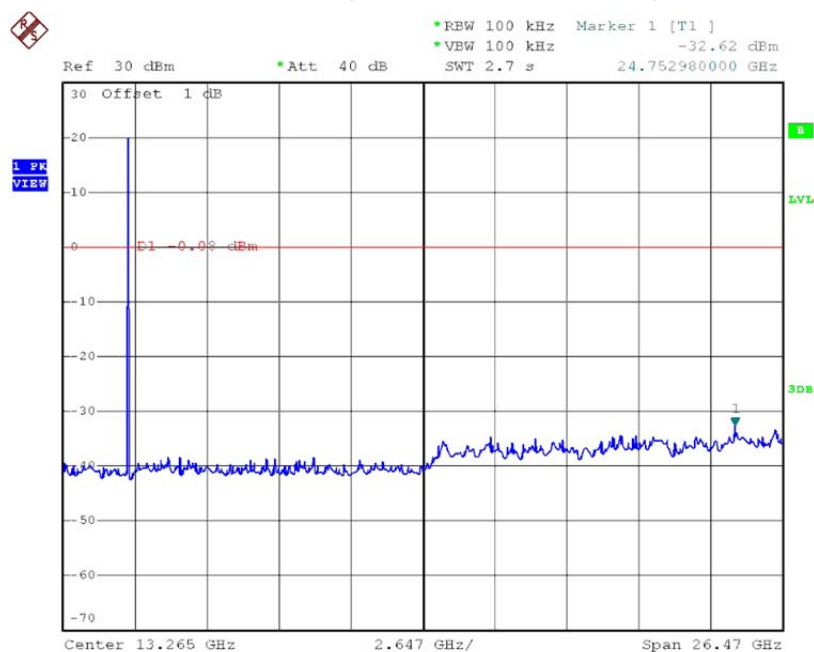
Date: 14.APR.2015 20:23:00

CH01 (1GHz~10th Harmonic)



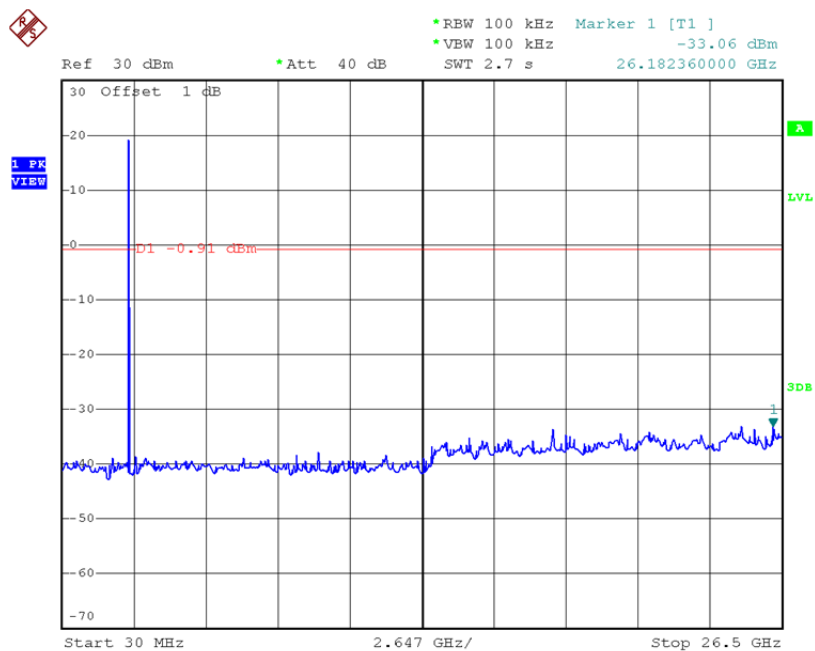
Date: 10.MAR.2015 18:26:56

CH39(1GHz~10th Harmonic)



Date: 10.MAR.2015 18:28:07

CH79 (1GHz~10th Harmonic)



Date: 14.APR.2015 20:24:46