

Annex H - 15.209

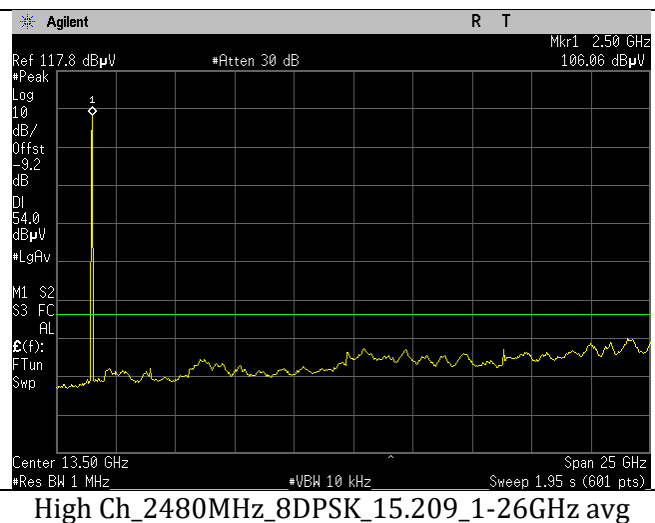
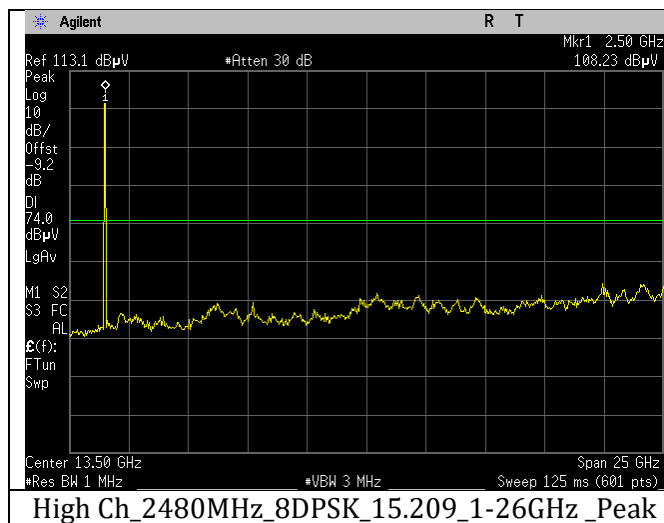
Naming Convention:

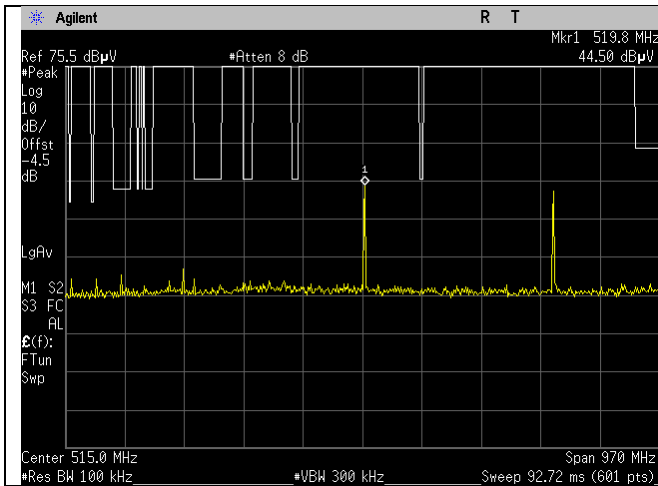
Channel (Low, Mid, High) Frequency (MHz)_Modulation_Frequency_Range_Measurement_(Avg, Peak)

Note for 15.209 measurements: below measurements are in units of dBuV/m at 3meters. These measurements are performed conducted in lieu of radiated as permitted by ANSI C63.10-2013. The following formula was used in making such conversions:

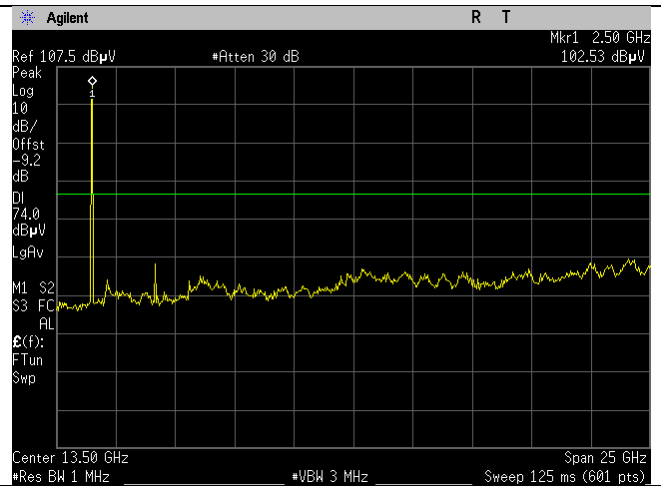
Above 1GHz: $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{m}]) + 104.77$, where E is field strength and d is distance at which the field strength limit is specified in the applicable requirements. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3 \text{ m}$. Straight conversion between $E[\text{dB}\mu\text{V}/\text{m}]$ and $\text{EIRP}[\text{dBm}] = 107$. Thus offset for dBuV/m at 3meters is $95.2 - 107 + \text{antenna gain}$.

Below 1GHz: above is true in addition to adding ground plane contribution of 4.7dB. thus offset for dBuV/m at 3meters is $95.2 - 107 + 4.7 + \text{antenna gain}$.

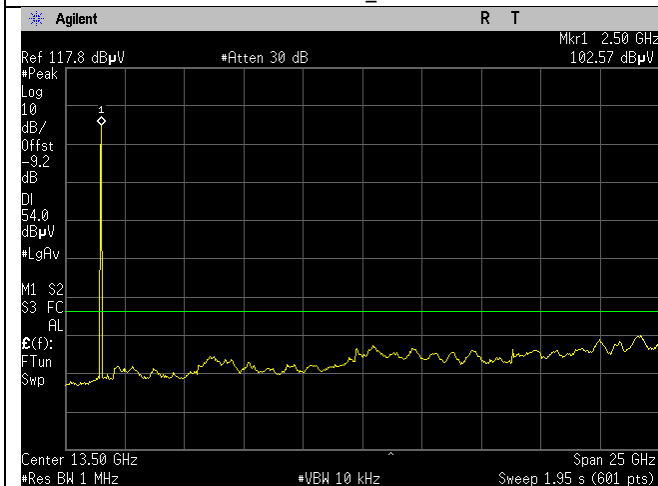




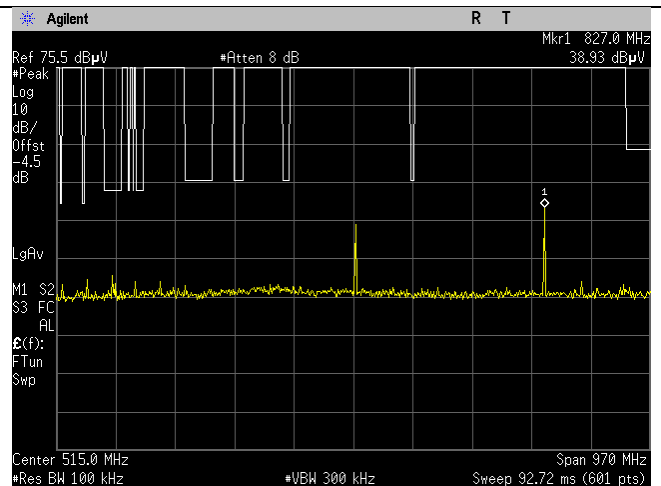
High Ch_2480MHz_8DPSK_15.209_30-
1000MHz_Peak



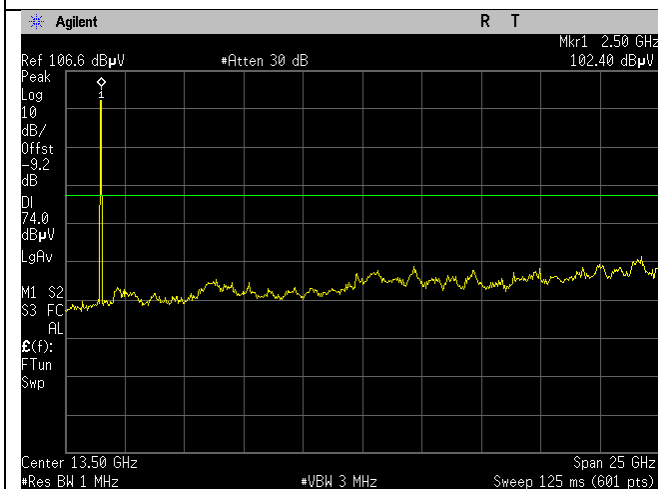
High Ch_2480MHz_GFSK_15.209_1-26GHz_Peak



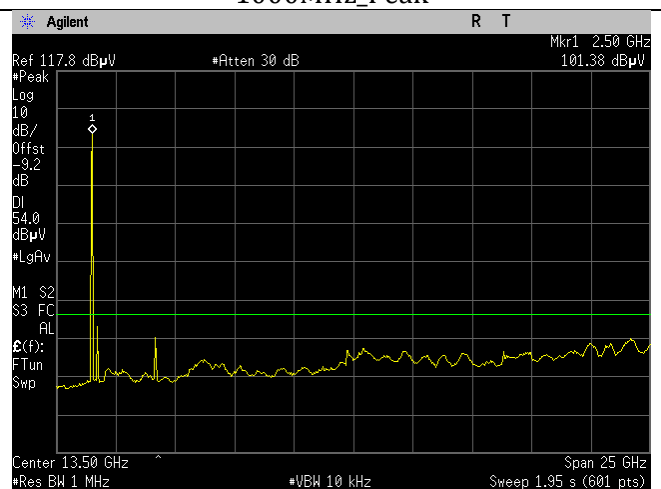
High Ch_2480MHz_GFSK_15.209_1-26GHz avg



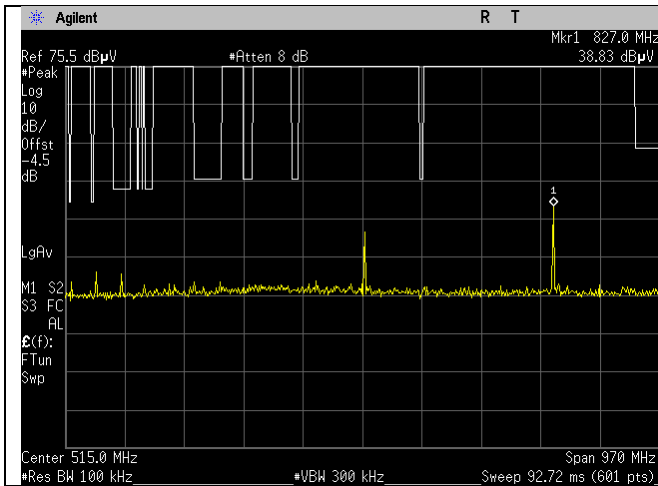
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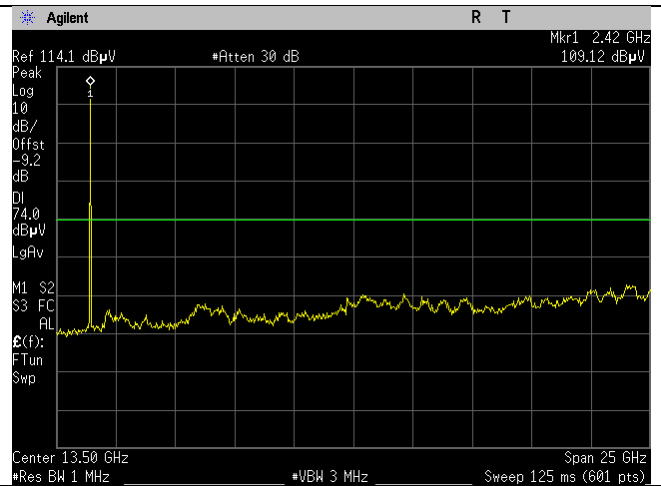
High Ch_2480MHz_Pi_4DQPSK_15.209_1-26GHz
_Peak



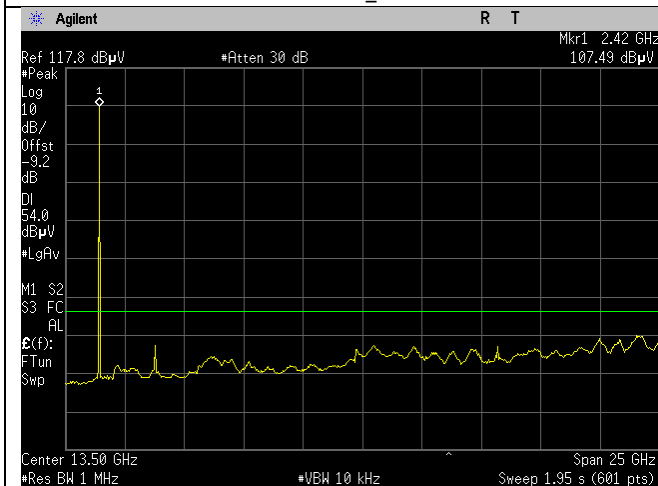
High Ch_2480MHz_Pi_4DQPSK_15.209_1-26GHz
avg



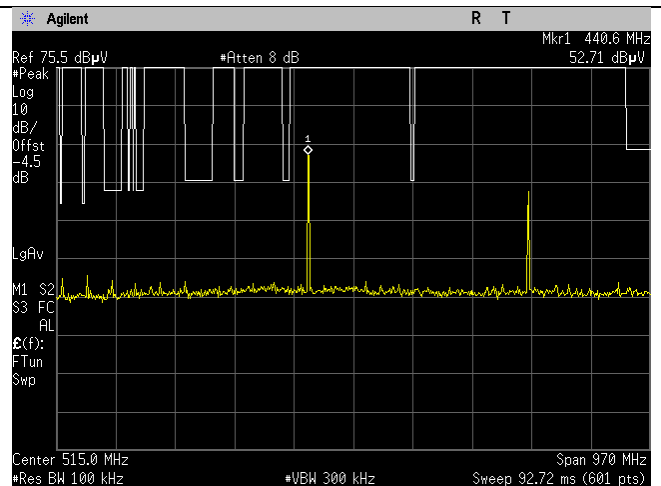
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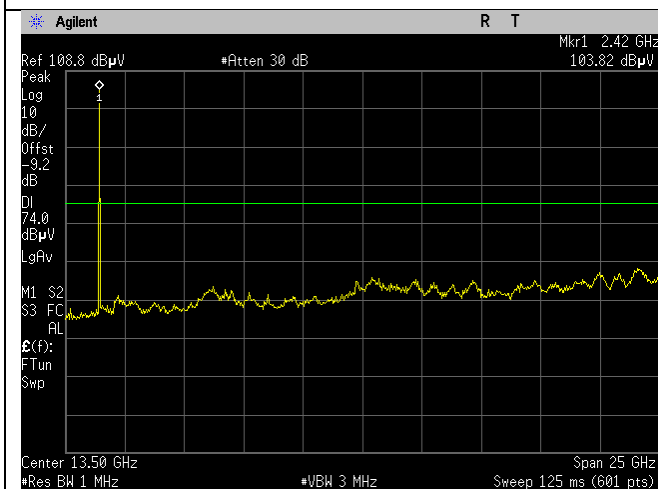
Low Ch_2402MHz_8DPSK_15.209_1-26GHz_Peak



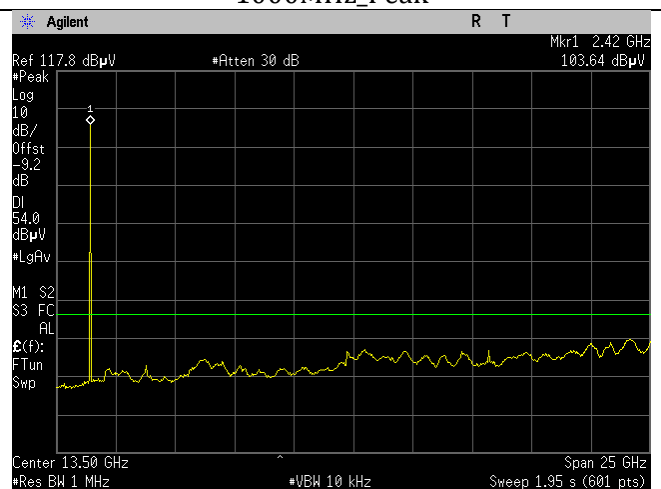
Low Ch_2402MHz_8DPSK_15.209_1-26GHz avg



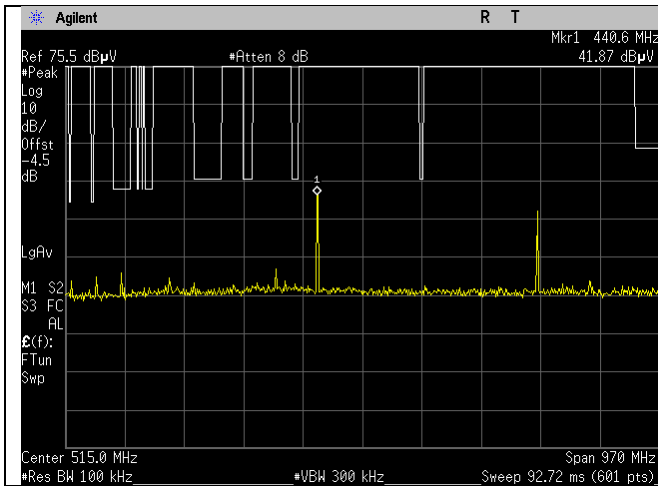
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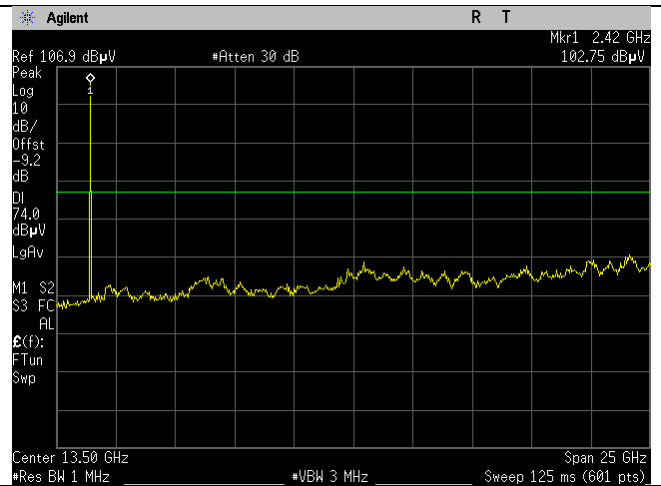
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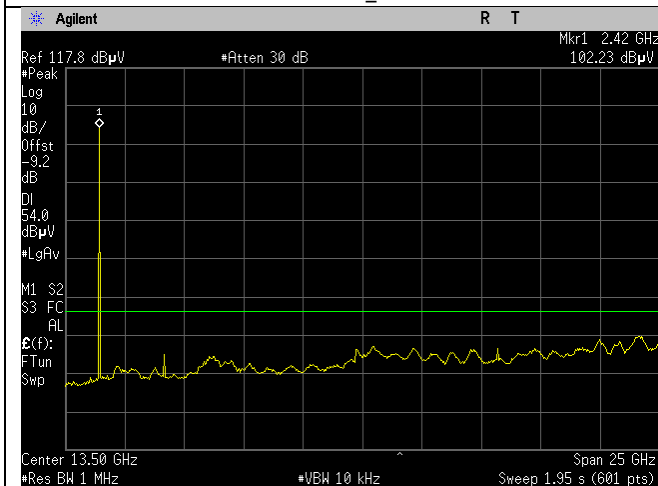
Low Ch_2402MHz_GFSK_15.209_1-26GHz avg



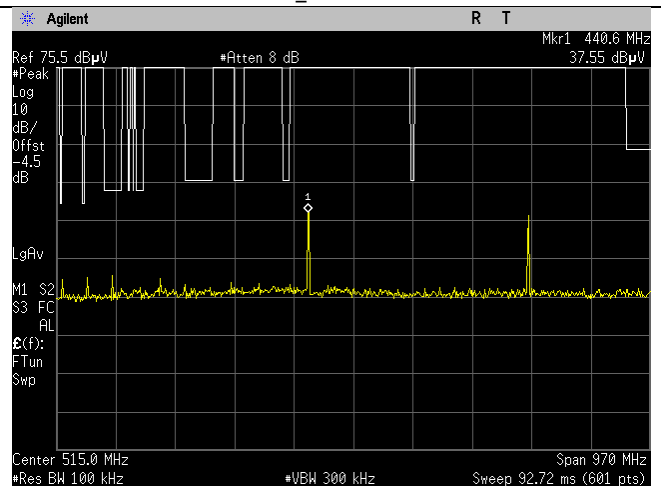
Low Ch_2402MHz_GFSK_15.209_30-
1000MHz_Peak



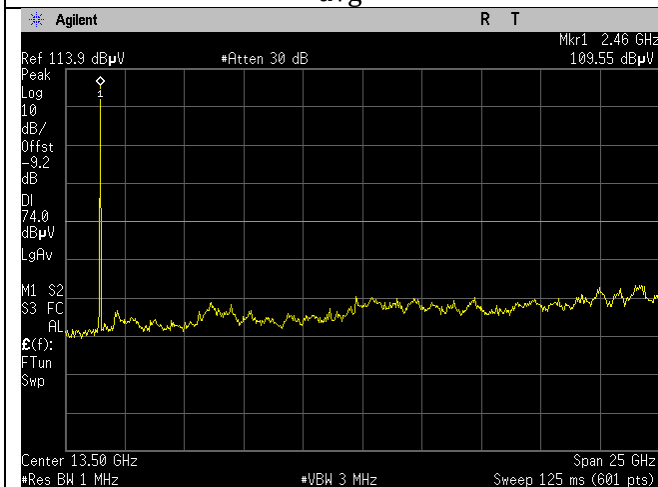
Low Ch_2402MHz_Pi_4DQPSK_15.209_1-26GHz
_Peak



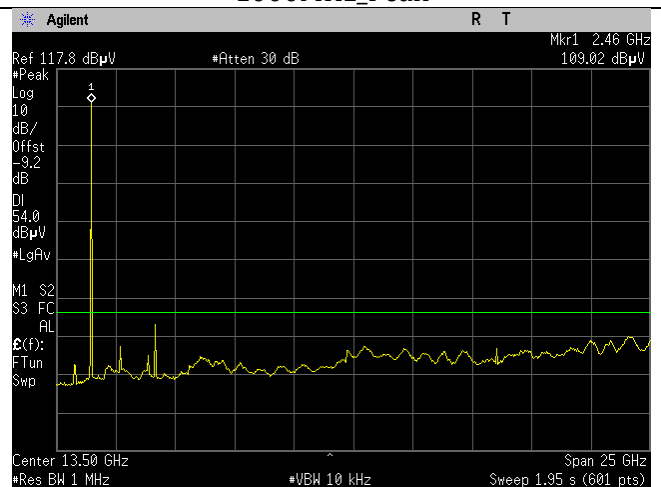
Low Ch_2402MHz_Pi_4DQPSK_15.209_1-26GHz
avg



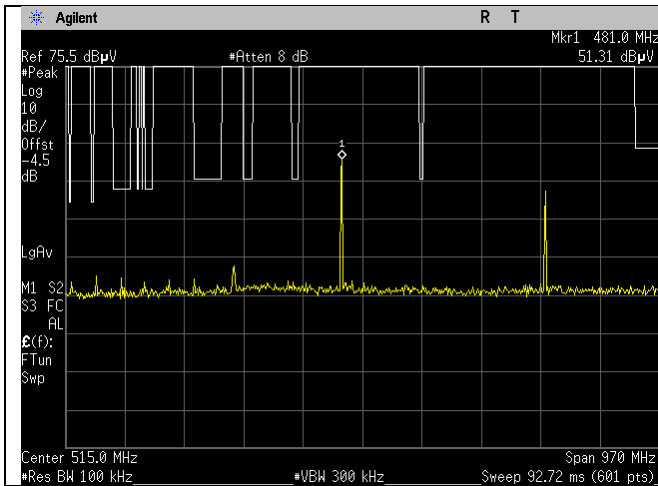
Low Ch_2402MHz_Pi_4DQPSK_15.209_30-
1000MHz_Peak



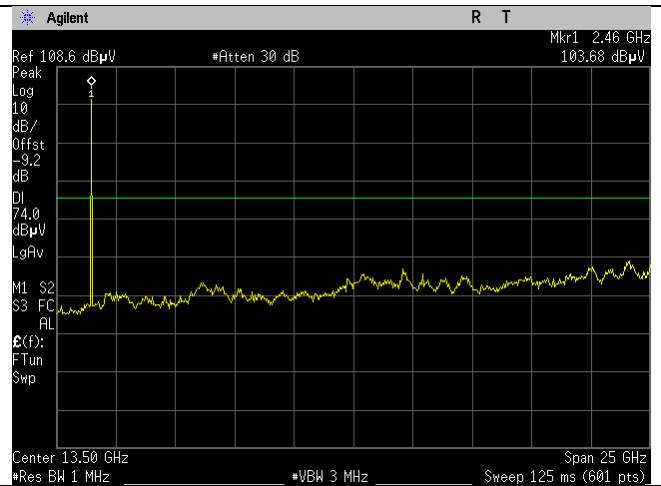
Mid Ch_2441MHz_8DPSK_15.209_1-26GHz_Peak



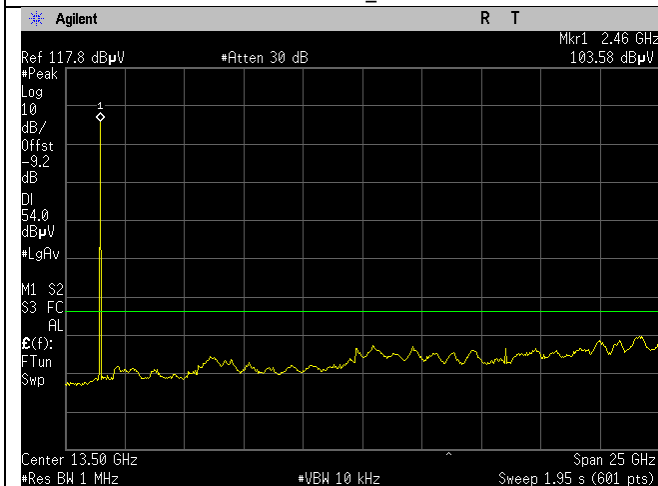
Mid Ch_2441MHz_8DPSK_15.209_1-26GHz avg



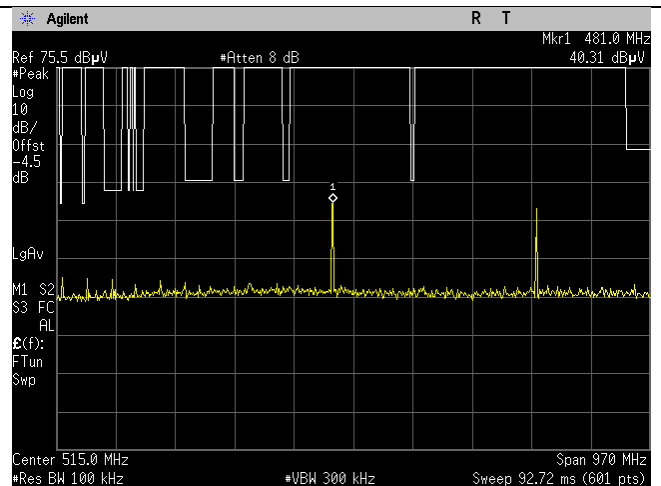
Mid Ch_2441MHz_8DPSK_15.209_30-
1000MHz_Peak



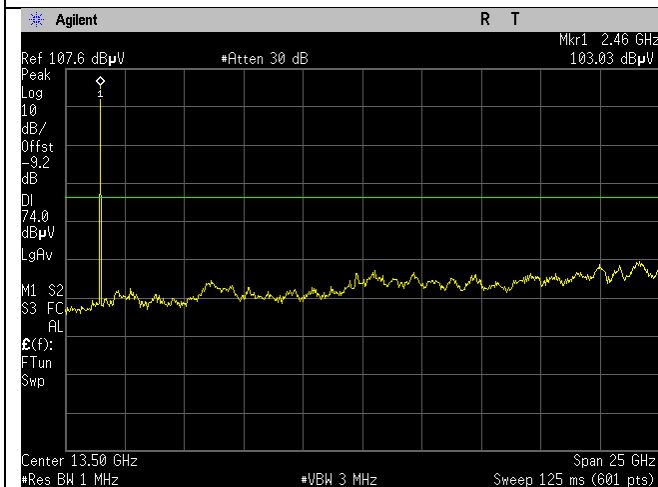
Mid Ch_2441MHz_GFSK_15.209_1-26GHz_Peak



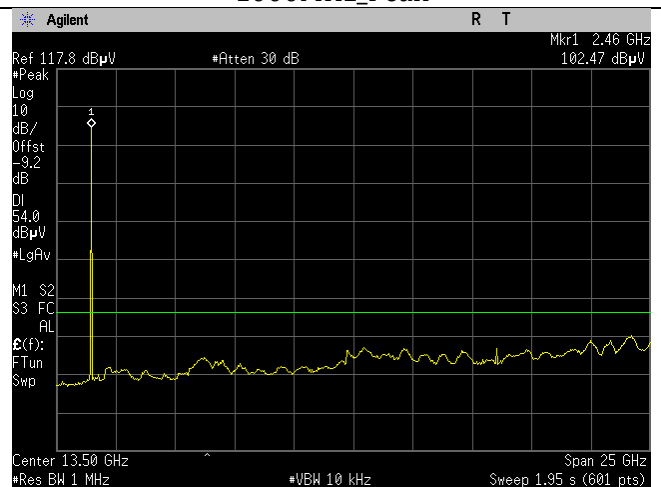
Mid Ch_2441MHz_GFSK_15.209_1-26GHz avg



Mid Ch_2441MHz_GFSK_15.209_30-
1000MHz_Peak



Mid Ch_2441MHz_Pi_4DQPSK_15.209_1-26GHz
_Peak



Mid Ch_2441MHz_Pi_4DQPSK_15.209_1-26GHz avg

